WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION
2203 Airport Way S, Suite 360 SEATTLE, WA 98134

AN ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2006

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 12006

CUSTOMER INFORMATION
Washington State Patrol – Breath Test Program
811 East Roanoke SEATTLE, WA 98102

TESTING PROCEDURE USED: TLD Technical Manual, Chapter 4.0 Certification of Simulator Solutions; Headspace-Gas Chromatography.

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 02/01/2012
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Brianne O'Reilly

	BEO	DC	CSJ	AJL	BB	JLK	LN	NN
1	0.100	0.103	0.102	0.101	0.100	0.101	0.101	0.102
2	0.100	0.103	0.102	0.098	0.101	0.102	0.101	0.102
3	0.101	0.103	0.102	0.101	0.102	0.098	0.101	0.102
4	0.100	0.104	0.102	0.101	0.102	0.098	0.098	0.101
5	0.101	0.103	0.102	0.102	0.101	0.101	0.101	0.102
C	0.100	0.100	0.100	0.100	0.099	0.099	0.100	0.100

ETHANOL CONTROL INFORMATION
LOT NUMBER: A075806 EXPIRATION: 11/2014 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1012 g/100mL
STANDARD DEVIATION: 0.00140
PRECISION CV (%): 1.38
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0823 g/210L**
EXPANDED UNCERTAINTY: ± 0.0030 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 — Melissa L. Pemberton, Forensic Scientist Supervisor
2-14-2012 — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BEO	Brianne O'Reilly	Brianne O'Reilly	02/01/2012
DC	Dawn Cox	Dawn Cox	02/02/2012
CSJ	Christopher S. Johnston	Chr	02/02/2012
AJL	Asa J. Louis	Louis	02/03/2012
BB	Brittany Ball	Brittany Ball	02/03/2012
JLK	Justin L. Knoy	Justin	02/06/2012
LN	Lisa Noble	Lisa Noble	02/06/2012
NN	Naziha Nuwayhid	Naziha	02/08/2012

This report applies only to the item being tested and shall not be reproduced except in full, without the written approval of the WSP Toxicology Laboratory Division.

Washington State Patrol - Toxicology Laboratory Division
ESS Test Report Calculation Record

External Standard Solution Batch #: 12006 **Date Prepared:** 2/1/2012

Analyst:	BEO	DC	CSJ	AJL	BB	JLK	LN	NN
Date Tested:	2/1/2012	2/2/2012	2/2/2012	2/3/2012	2/3/2012	2/6/2012	2/6/2012	2/8/2012
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.100	0.103	0.102	0.101	0.100	0.101	0.101	0.102
2	0.100	0.103	0.102	0.098	0.101	0.102	0.101	0.102
3	0.101	0.103	0.102	0.101	0.102	0.098	0.101	0.102
4	0.100	0.104	0.102	0.101	0.102	0.098	0.098	0.101
5	0.101	0.103	0.102	0.102	0.101	0.101	0.101	0.102
C	0.100	0.100	0.100	0.100	0.099	0.099	0.100	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001912792	0.0000215361	0.0001016326

Ethanol Control Lot #: A075806
Control Uncertainty (%): 0.29

Average Solution Concentration: 0.1012 g/100mL
Standard Deviation: 0.00140 g/100mL
Precision CV (%): 1.38
Equivalent Vapor Concentration: 0.0823 g/210L
Combined Standard Uncertainty (±): 0.0015 g/210L
Expanded Uncertainty (±): 0.0030 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Ruberton Melissa L. Ruberton 2-9-12
Name Signature Date

Calculations verified by: Jason Skleron 2-13-12
Name Signature Date

Method: Hand Calculator

Technical review of batch file performed by:
Melissa L. Ruberton Melissa L. Ruberton 2-13-12
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Jason Skleerov **Date:** 2-13-12

Location: WSP-FLSB; Seattle, WA **Solution Batch Number:** 12006

	YES	NO	N/A
Analysis dates do not precede preparation date:	☒	☐	☐
Declarations signed and properly dated:	☒	☐	☐
Data entry corresponds to all chromatograms:	☒	☐	☐
All signatures present on Test Report:	☒	☐	☐
Average solution concentration correct:	☒	☐	☐
Standard deviation correct:	☒	☐	☐
CV (%) correct:	☒	☐	☐
Equivalent vapor concentration correct:	☒	☐	☐
All chromatograms and sequences included in file:	☒	☐	☐
Ethanol control information present: (lot # present & used within expiration)	☒	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐	☐

Comments:

Reviewer Signature: (SKLEEROV) **Date:** 2-13-12

Reviewer Signature: N/A (DMB) 2/13/12 **Date:**

WSP-TLD	COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

FILE A COPY IN THE BATCH FILE FOR EACH SOLUTION LISTED ON THE WORKSHEET

Preparation Date: 2/1/2012 Initials of Preparer: BEW

Expiration Date: 2/1/2013

Lot # of 200-proof Ethanol used in preparation: ZW0039

Date the 200-proof Ethanol bottle was opened: 1/9/2012

After opening, each bottle of 200-proof Ethanol is approved for use for 6 months unless an extension is approved by the State Toxicologist. This timeframe applies to the 200-proof Ethanol only, not to simulator solutions which have a 1 year expiration.

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	12006

Stir bar is rotating	☑
Stirred for minimum 30 minutes; 2 hours for ESS	☑
Spigot purged	☑
Aliquot taken	☑
Batch labeled, packaged and sealed	☑ 2·1·2012 Date

If different ethanol lot numbers are used in the preparation of solutions, record them and the corresponding solution batch numbers in the comments section.

Comments:

Analyst Signature 2·1·2012 Date

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

Please check that the data on your chromatograms is the data entered into the Test Report, that the date to the right of your name is the date that you tested the solution, and then sign the Test Report.

Please initial and date below to affirm that you have:

1) Checked your data
2) Checked the date to the right of your name on the Test Report
3) Signed the Test Report

	Initials	Date
Amanda Black		
Asa Louis	AL	2012 FEB 09
Brian Capron		
Brianna Peterson		
Brianne O'Reilly	BOO	2.9.12
Brittany Ball	BB	2/10/12
Christie Mitchell		
Christopher Johnston	CJ	2.9.12
Dawn Cox	DC	2.13.12
Justin Knoy	JK	2.13.12
Lisa Noble	LN	2/10/12
Melissa Pemberton		
Naziha Nuwayhid	NN	2.9.12
Rebecca Flaherty		
Sarah Swenson		

Batch # 12006

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
WASHINGTON STATE TOXICOLOGY LABORATORY
2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12006

I, Brianne E. O'Reilly, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology and MS degree in Veterinary Medical Sciences.

The external standard solution, Lot Number 12006, was prepared in the Washington State Toxicology Laboratory on 2/1/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 2/1/2013.

Seattle, WA

Brianne E. O'Reilly 2-9-12

Brianne E. O'Reilly Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12006

I, Dawn Cox, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS in Forensic Chemistry and over nine years of experience in the field of toxicology.

The external standard solution, Lot Number 12006, was prepared in the Washington State Toxicology Laboratory on 2/1/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 2/1/2013.

Seattle, WA

Dawn Cox 2-13-12

Dawn Cox Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12006

I, Christopher S. Johnston, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biochemistry.

The external standard solution, Lot Number 12006, was prepared in the Washington State Toxicology Laboratory on 2/1/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 2/1/2013.

Seattle, WA

2·9·12

Christopher S. Johnston — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12006

I, Asa J. Louis, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: B.S. degree in Biochemistry and over ten years of toxicology experience.

The external standard solution, Lot Number 12006, was prepared in the Washington State Toxicology Laboratory on 2/1/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 2/1/2013.

Seattle, WA

2012 FEB 09

Asa J. Louis Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12006

I, Brittany Ball, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology and a Masters in Forensic Science.

The external standard solution, Lot Number 12006, was prepared in the Washington State Toxicology Laboratory on 2/1/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 2/1/2013.

Seattle, WA

Brittany Ball 2/10/12

Brittany Ball Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12006

I, Justin L. Knoy, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biology, and MS degree in Forensic Science.

The external standard solution, Lot Number 12006, was prepared in the Washington State Toxicology Laboratory on 2/1/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 2/1/2013.

Seattle, WA

2-13-12

Justin L. Knoy — Date
Forensic Toxicologist

CHRISTINE O. GREGOIRE
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JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12006

I, Lisa Noble, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: BS degree in Biochemistry and five years laboratory experience in forensic toxicology.

The external standard solution, Lot Number 12006, was prepared in the Washington State Toxicology Laboratory on 2/1/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 2/1/2013.

Seattle, WA

Lisa Noble 2/10/12

Lisa Noble Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 12006

I, Naziha Nuwayhid, do certify under penalty of perjury that:

I am employed by the Washington State Toxicology Laboratory, and a part of my responsibilities includes preparing and testing the alcohol solutions for the DataMaster breath test instrument.

I possess the following qualifications: Bachelor and Masters Degrees in Biology, Ph.D. degree in Basic Medical Science, ten years experience in clinical laboratory sciences, one year in clinical toxicology and more than ten years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The external standard solution, Lot Number 12006, was prepared in the Washington State Toxicology Laboratory on 2/1/2012. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 2/1/2013.

Seattle, WA

2.9.12

Naziha Nuwayhid — Date

Forensic Toxicologist

Sequence Parameters:

Operator:	Brianne E. O'Reilly
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120201BO
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot:E1111-01
3	Vial 3	Lot:E1111-02
4	Vial 4	Lot:E1111-03
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

120006

BO

Sequence: C:\HPCHEM\2\SEQUENCE\BOEXSTD.S

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CONTROL-BO	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-BO	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-BO	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-BO	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-BO	SIMALC3	1	Ctrl Samp		
10	Vial 10	12006 #1	SIMALC3	1	Sample		
11	Vial 11	12006 #2	SIMALC3	1	Sample		
12	Vial 12	12006 #3	SIMALC3	1	Sample		
13	Vial 13	12006 #4	SIMALC3	1	Sample		
14	Vial 14	12006 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CONTROL-BO	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-BO	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12006

BED

Calibration Table

Calib. Data Modified : Wednesday, February 01, 2012 12:51:13 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.064	1	1	7.86300e-2	544.90442	1.44301e-4	1		Ethanol
		2	1.55890e-1	1039.78101	1.49926e-4			
		3	3.12180e-1	2028.62903	1.53887e-4			
1.823	1	1	1.00000	1464.62683	6.82768e-4	I1		n-Propanol
		2	1.00000	1404.14563	7.12177e-4			
		3	1.00000	1385.98120	7.21511e-4			

Peak Sum Table

No Entries in table

12006

BED

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Calibration Curves

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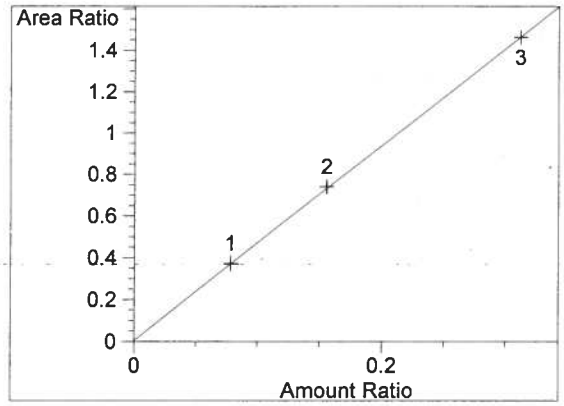
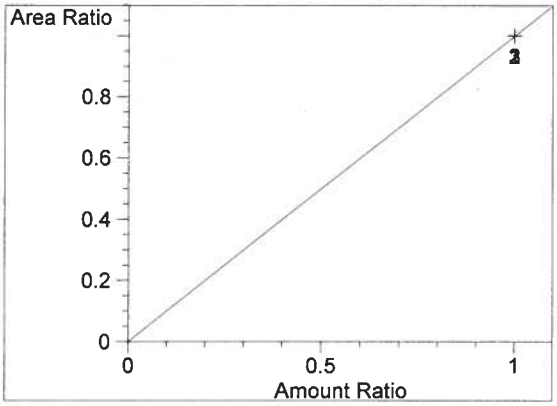


Ethanol at exp. RT: 1.064
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00555
Formula: y = mx + b
m: 4.68835
b: 3.27697e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.823
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

12006

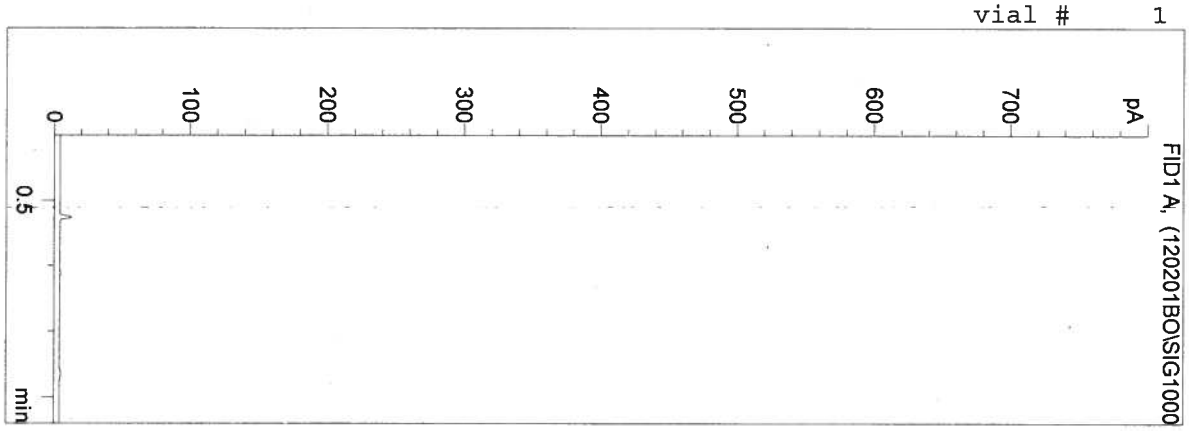
BW

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/1/2012 12:39:39 PM
Instrument 3
DB-ALC2

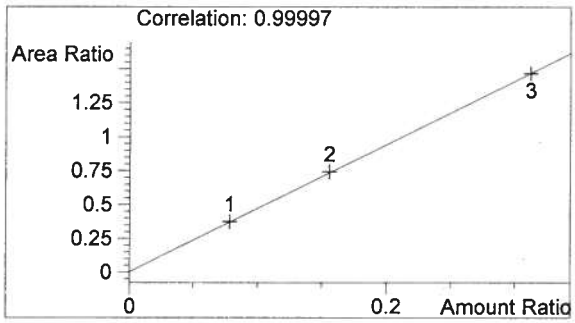
BLANK
Brianne E. O'Reilly

vial # 1

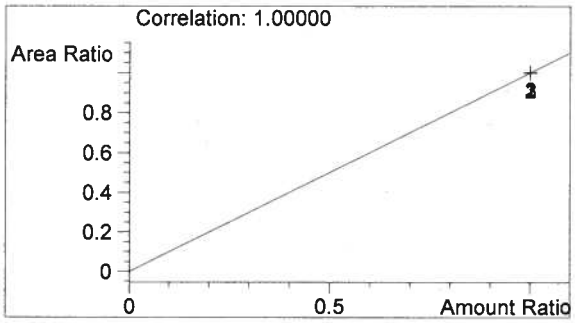


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

Totals:



Ethanol 0.000 g/100ml



n-Propanol 0.000 g/100ml

12006

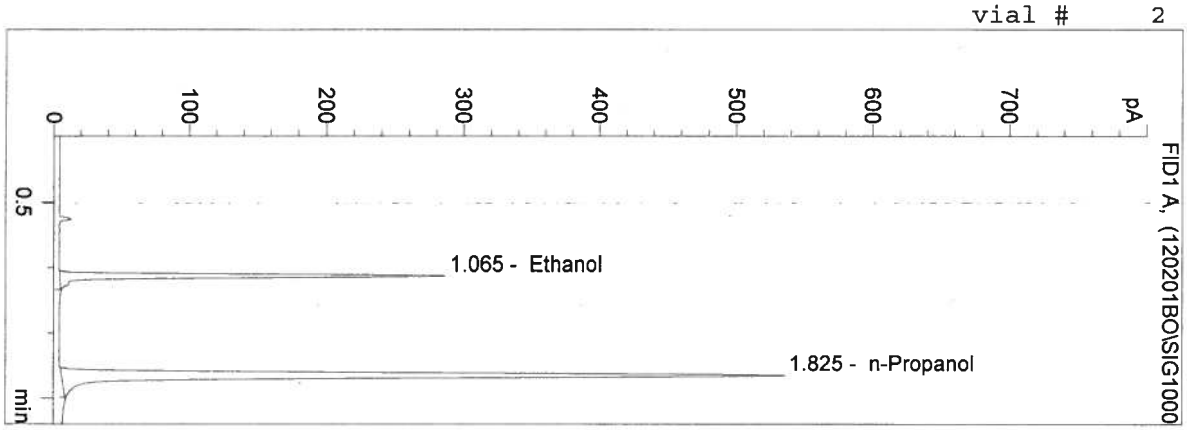
BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/1/2012 12:42:46 PM
Instrument 3
DB-ALC2

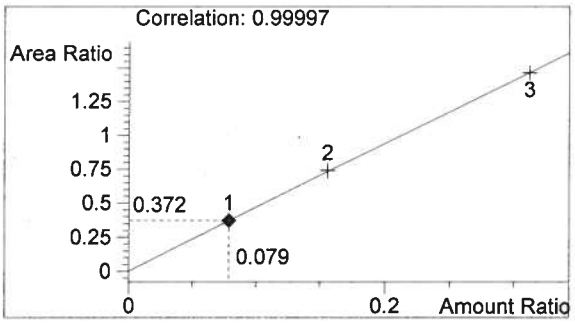
0.079 CAL 1
Brianne E. O'Reilly

vial # 2

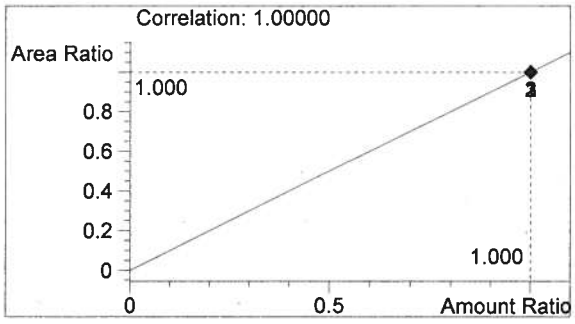


#	Compound	Area	RT
1	Ethanol	545	1.065
2	n-Propanol	1465	1.825

Totals:



Ethanol 0.079 g/100ml



n-Propanol 1.000 g/100ml

12006

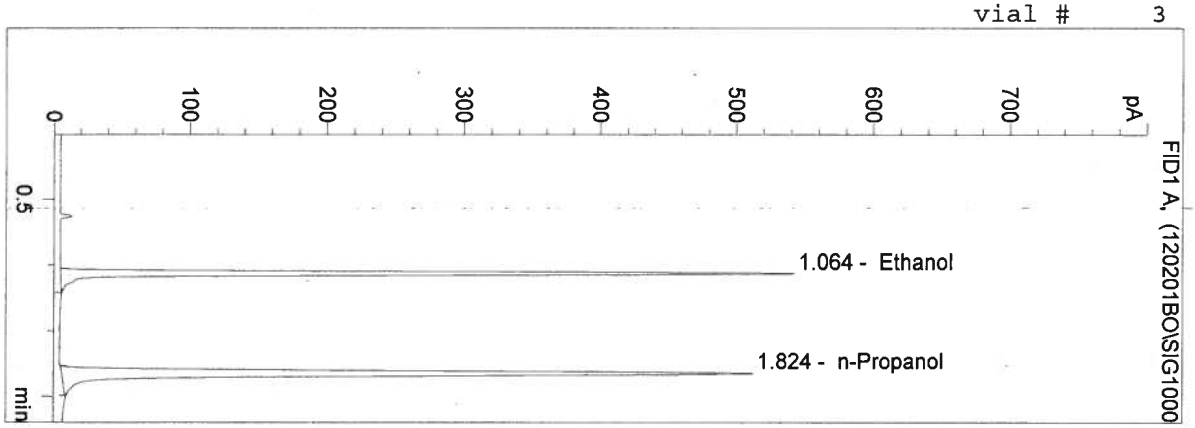
BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

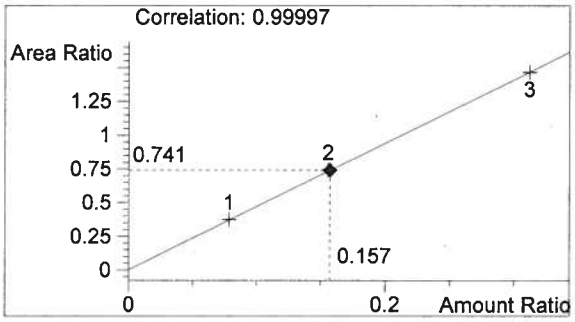
C:\HPCHEM\2\METHODS\SIMALC3.M
2/1/2012 12:45:54 PM
Instrument 3
DB-ALC2

0.158 CAL 2
Brianne E. O'Reilly

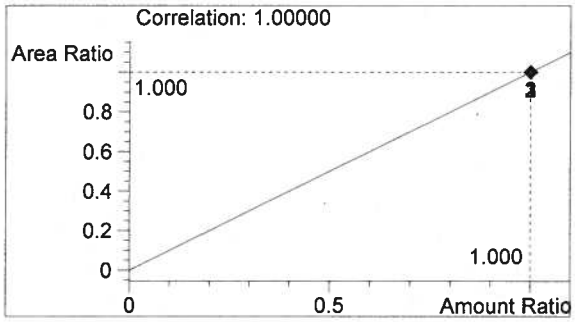
vial # 3



#	Compound	Area	RT
1	Ethanol	1040	1.064
2	n-Propanol	1404	1.824
Totals:			



Ethanol 0.157 g/100ml



n-Propanol 1.000 g/100ml

12006

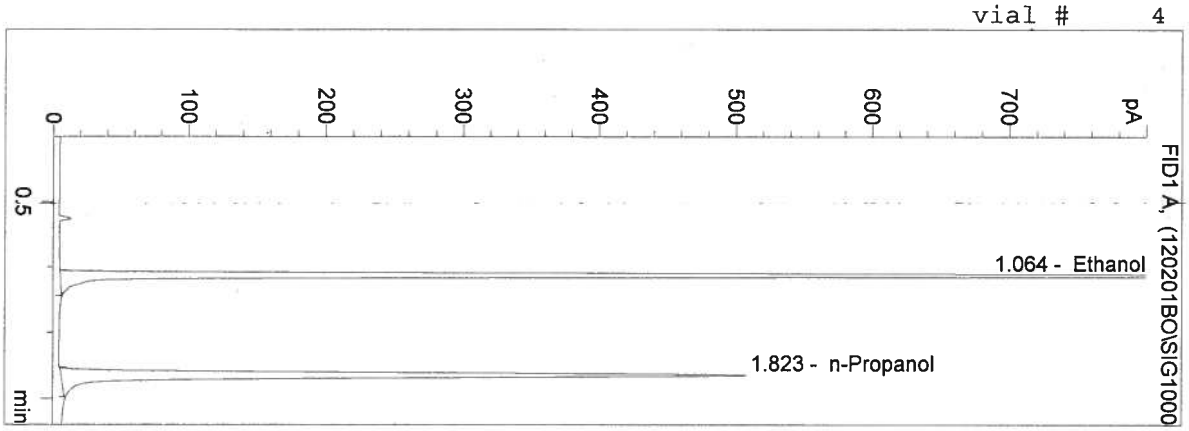
BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/1/2012 12:49:01 PM
Instrument 3
DB-ALC2

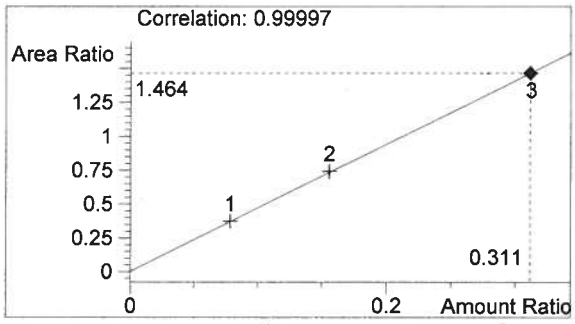
0.316 CAL 3
Brianne E. O'Reilly

vial # 4

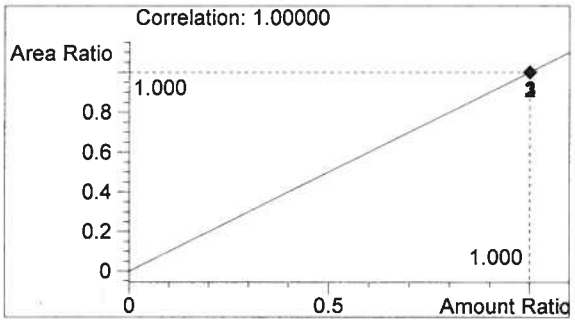


#	Compound	Area	RT
1	Ethanol	2029	1.064
2	n-Propanol	1386	1.823

Totals:



Ethanol 0.311 g/100ml



n-Propanol 1.000 g/100ml

12006

BW

WASHINGTON STATE TOXICOLOGY LABORATORY

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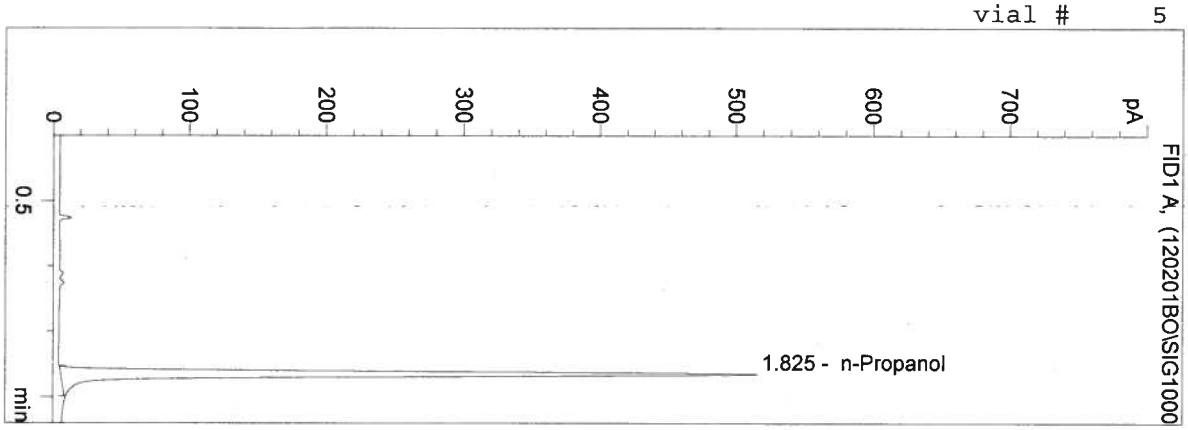
2/1/2012 12:52:08 PM
Instrument 3
DB-ALC2

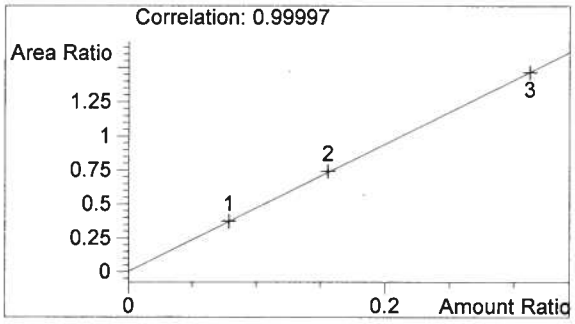
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 5

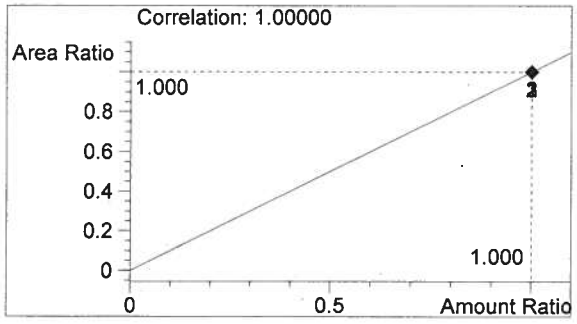


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1417	1.825

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

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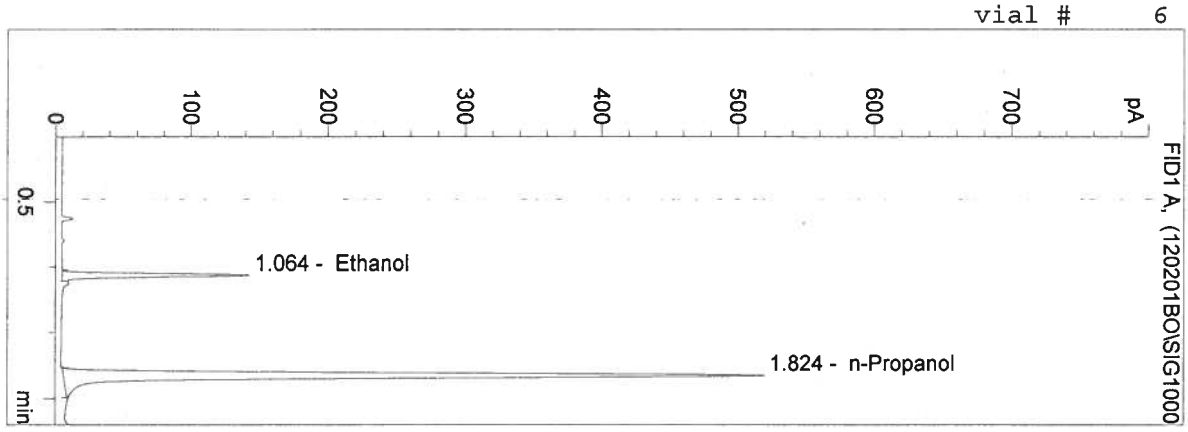
2/1/2012 12:55:15 PM
Instrument 3
DB-ALC2

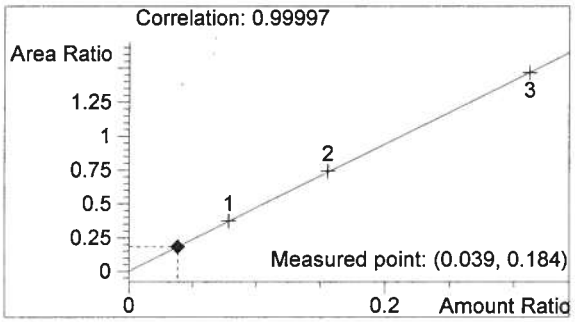
0.04 CONTROL-BO
Brianne E. O'Reilly

vial # 6

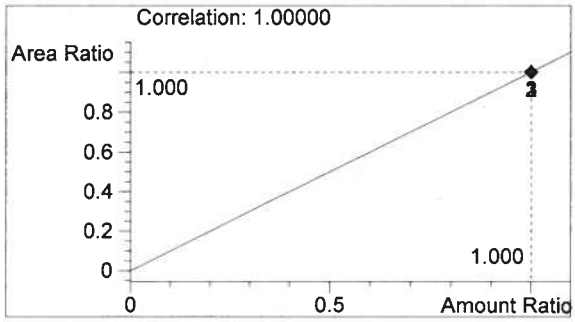


#	Compound	Area	RT
1	Ethanol	261	1.064
2	n-Propanol	1422	1.824

Totals:



Ethanol 0.039 g/100ml



n-Propanol 1.000 g/100ml

12006

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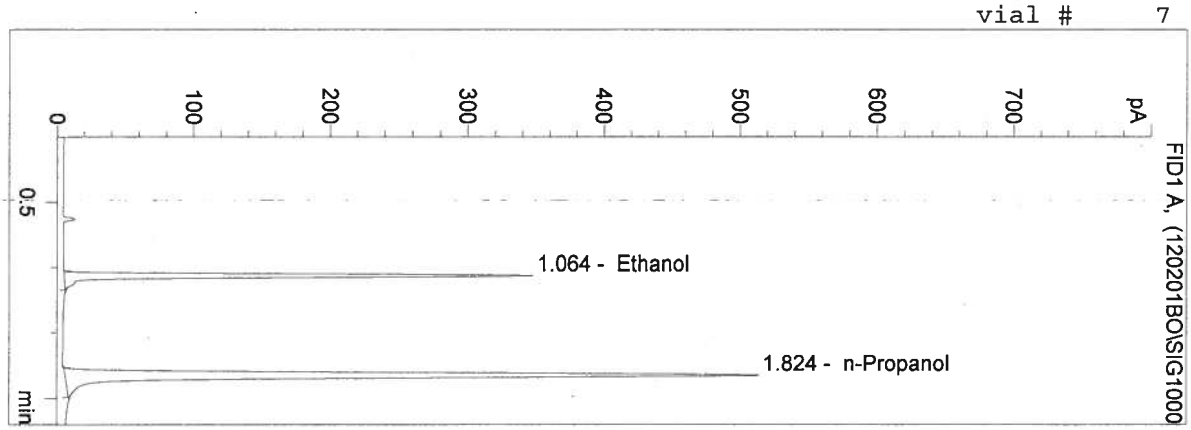
2/1/2012 12:58:23 PM
Instrument 3
DB-ALC2

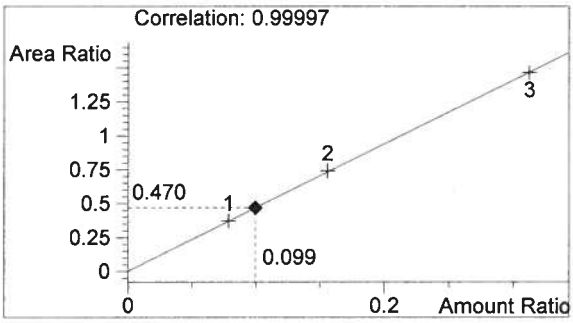
0.10 CONTROL-BO
Brianne E. O'Reilly

vial # 7

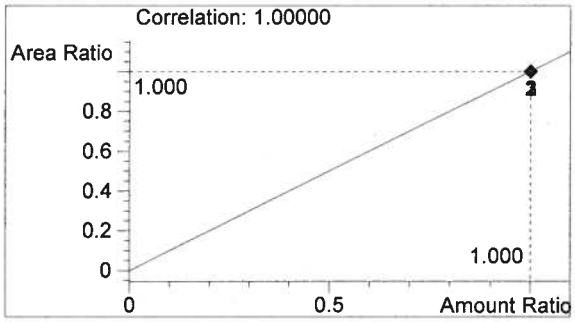


#	Compound	Area	RT
1	Ethanol	661	1.064
2	n-Propanol	1408	1.824

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

12006

BWO

WASHINGTON STATE TOXICOLOGY LABORATORY

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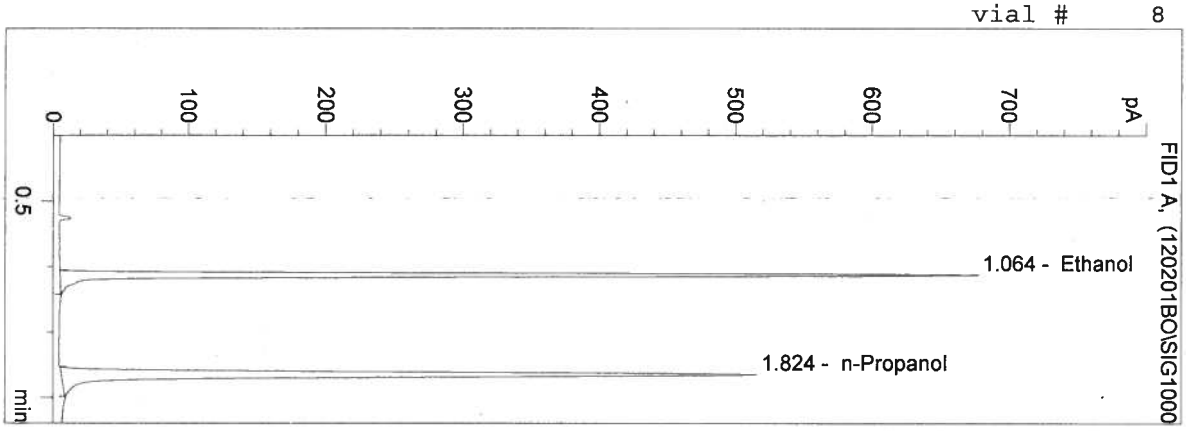
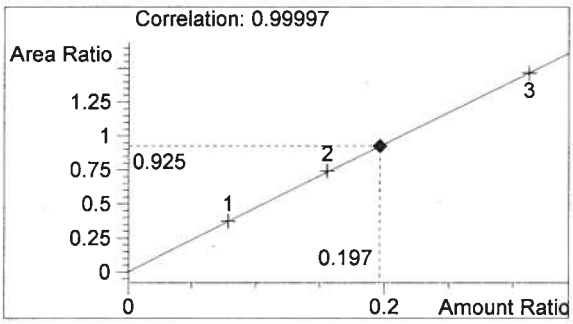
2/1/2012 1:01:30 PM
Instrument 3
DB-ALC2

0.20 CONTROL-BO
Brianne E. O'Reilly

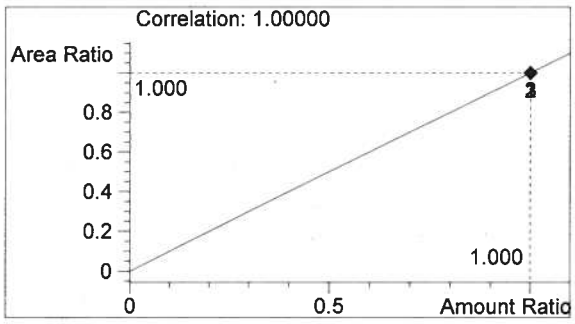
vial # 8



#	Compound	Area	RT
1	Ethanol	1308	1.064
2	n-Propanol	1414	1.824
Totals:			



Ethanol 0.197 g/100ml



n-Propanol 1.000 g/100ml

12006

BW

WASHINGTON STATE TOXICOLOGY LABORATORY

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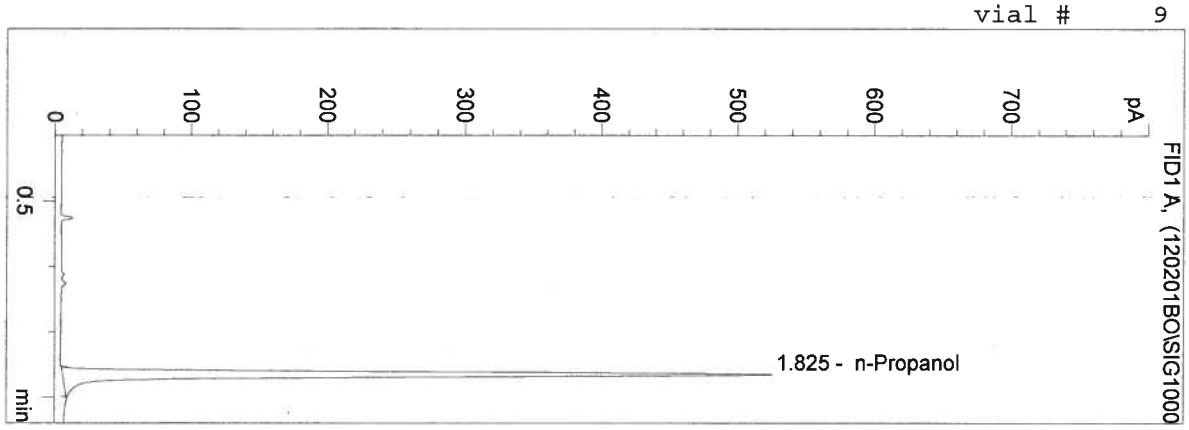
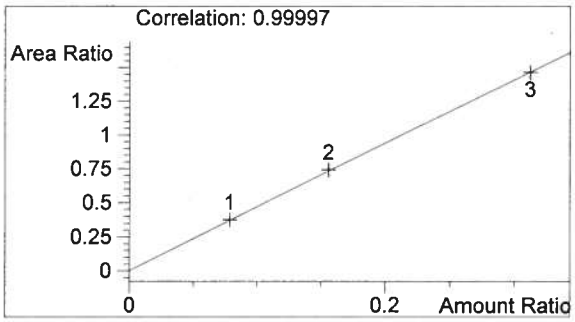
2/1/2012 1:04:37 PM
Instrument 3
DB-ALC2

NEG CONTROL-BO
Brianne E. O'Reilly

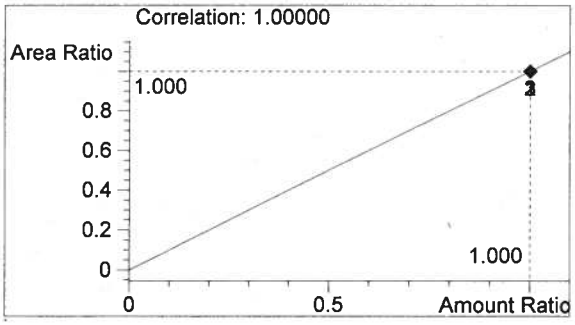
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1448	1.825
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

BWD

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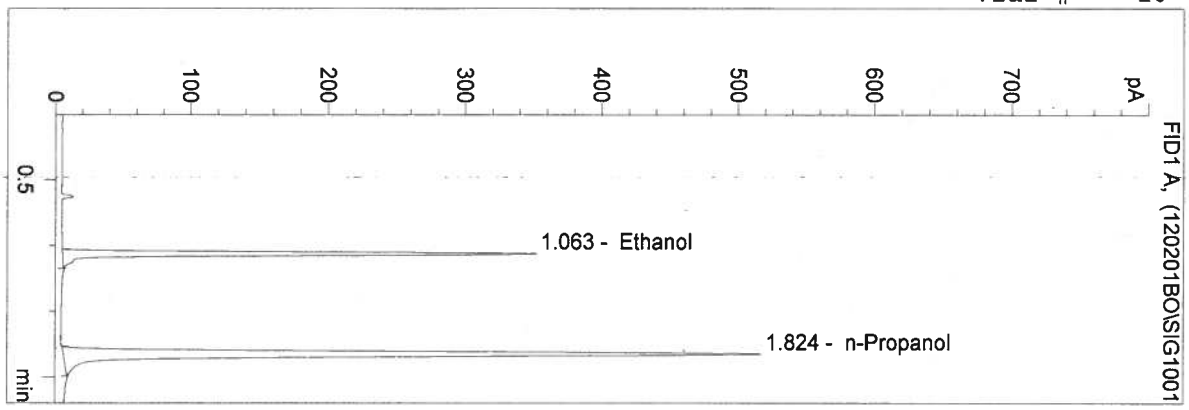
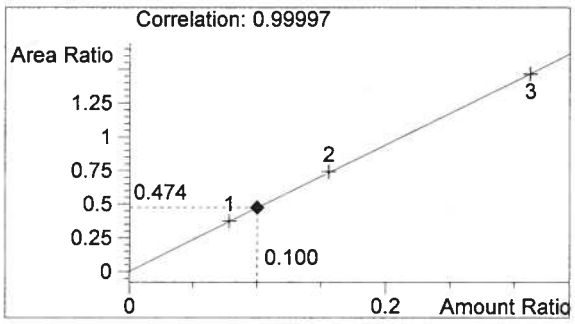
2/1/2012 1:07:45 PM
Instrument 3
DB-ALC2

12006 #1
Brianne E. O'Reilly

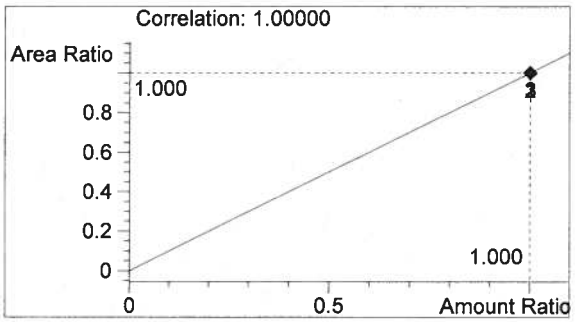
vial # 10



#	Compound	Area	RT
1	Ethanol	670	1.063
2	n-Propanol	1413	1.824
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

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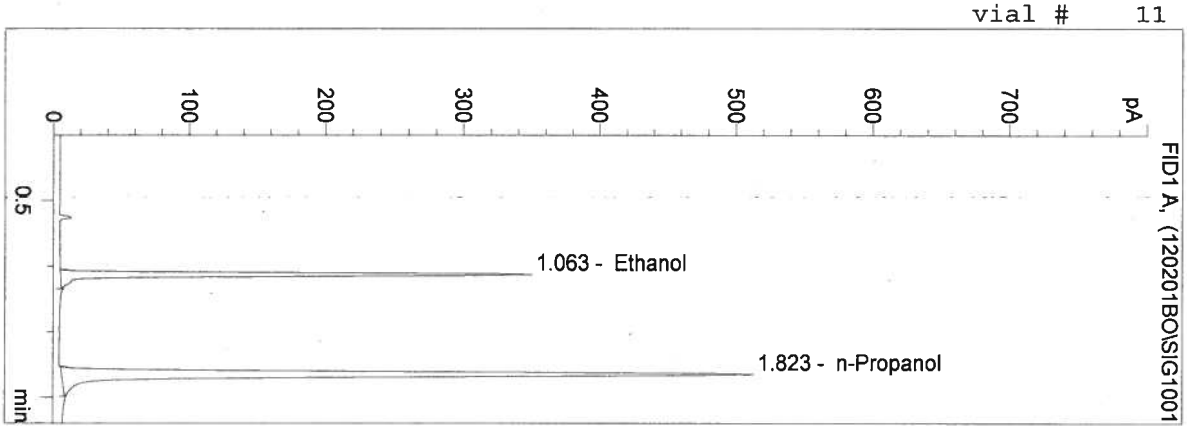
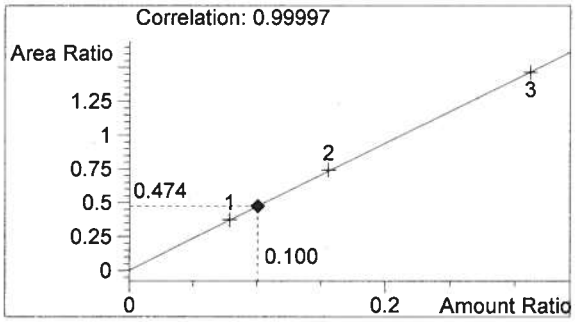
2/1/2012 1:10:52 PM
Instrument 3
DB-ALC2

12006 #2
Brianne E. O'Reilly

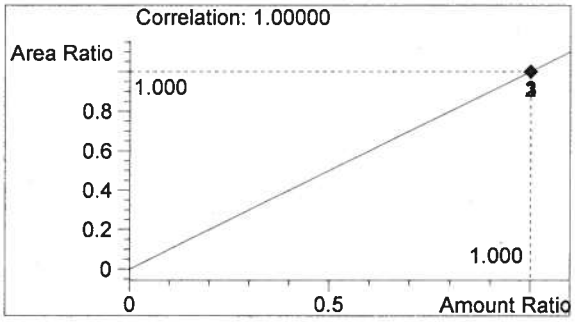
vial # 11



#	Compound	Area	RT
1	Ethanol	667	1.063
2	n-Propanol	1407	1.823
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

BWO

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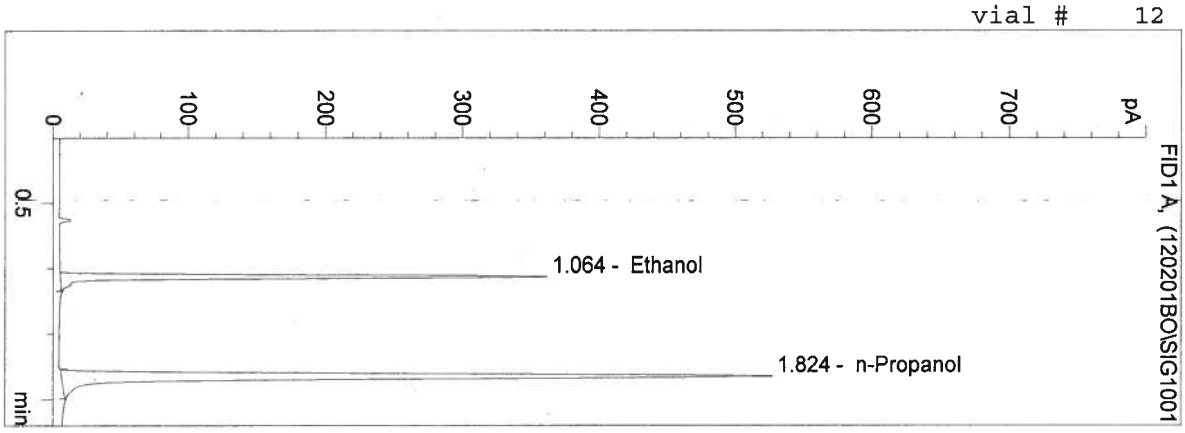
C:\HPCHEM\2\METHODS\SIMALC3.M
2/1/2012 1:13:59 PM
Instrument 3
DB-ALC2

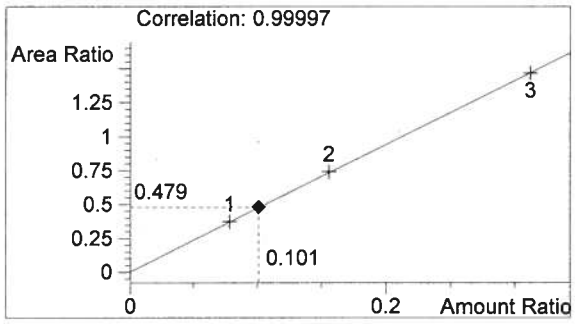
12006 #3
Brianne E. O'Reilly

vial # 12

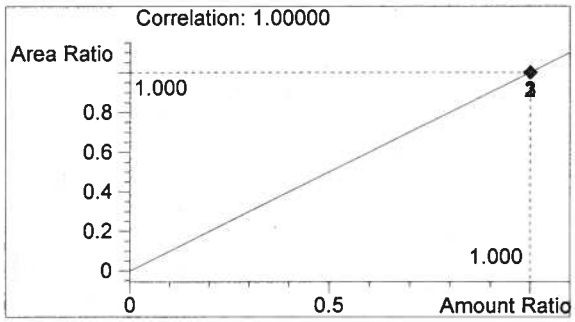


#	Compound	Area	RT
1	Ethanol	693	1.064
2	n-Propanol	1447	1.824

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

BW

WASHINGTON STATE TOXICOLOGY LABORATORY

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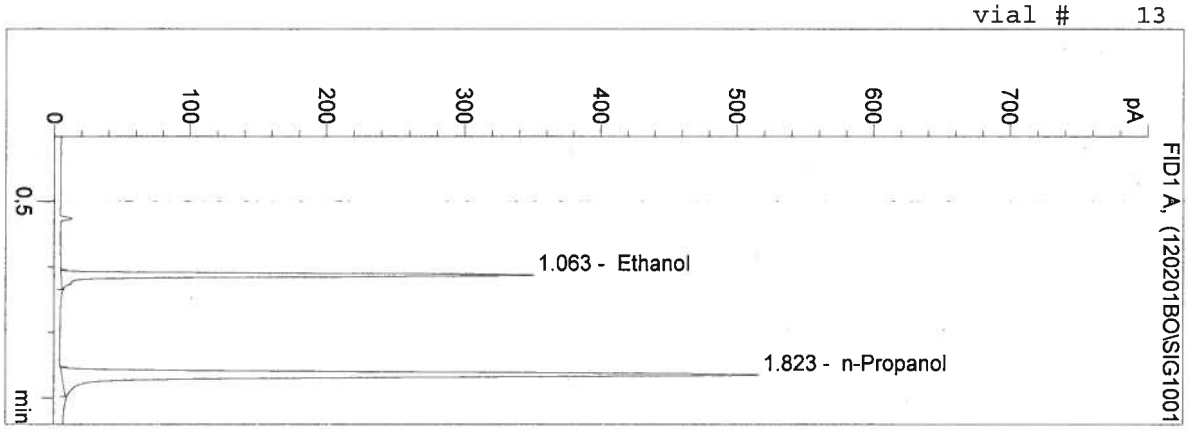
2/1/2012 1:17:06 PM
Instrument 3
DB-ALC2

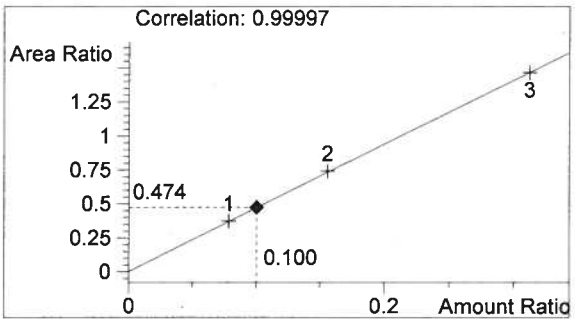
12006 #4
Brianne E. O'Reilly

vial # 13

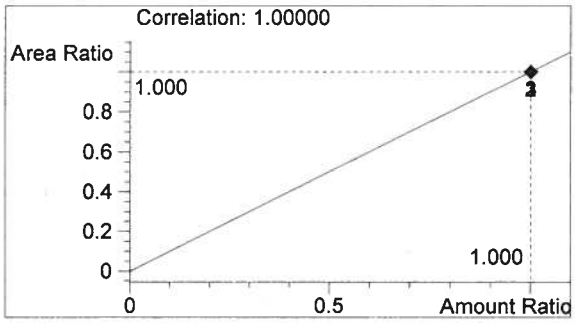


#	Compound	Area	RT
1	Ethanol	671	1.063
2	n-Propanol	1416	1.823

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

BWD

WASHINGTON STATE TOXICOLOGY LABORATORY

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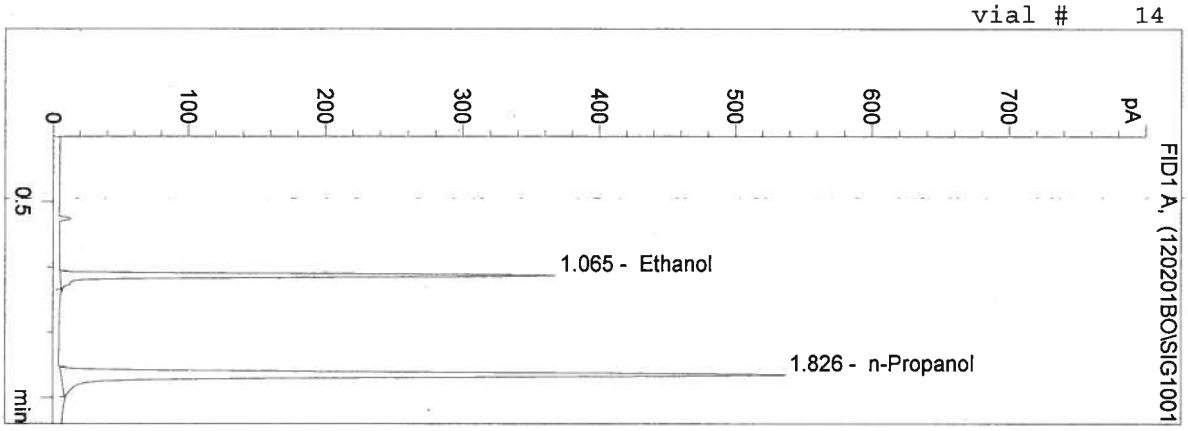
2/1/2012 1:20:14 PM
Instrument 3
DB-ALC2

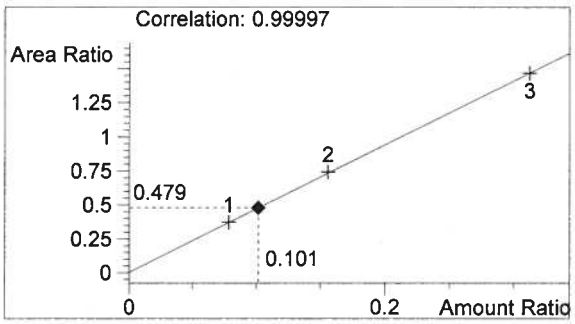
12006 #5
Brianne E. O'Reilly

vial # 14

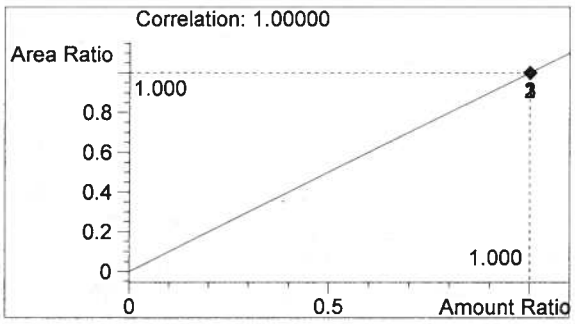


#	Compound	Area	RT
1	Ethanol	707	1.065
2	n-Propanol	1477	1.826

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

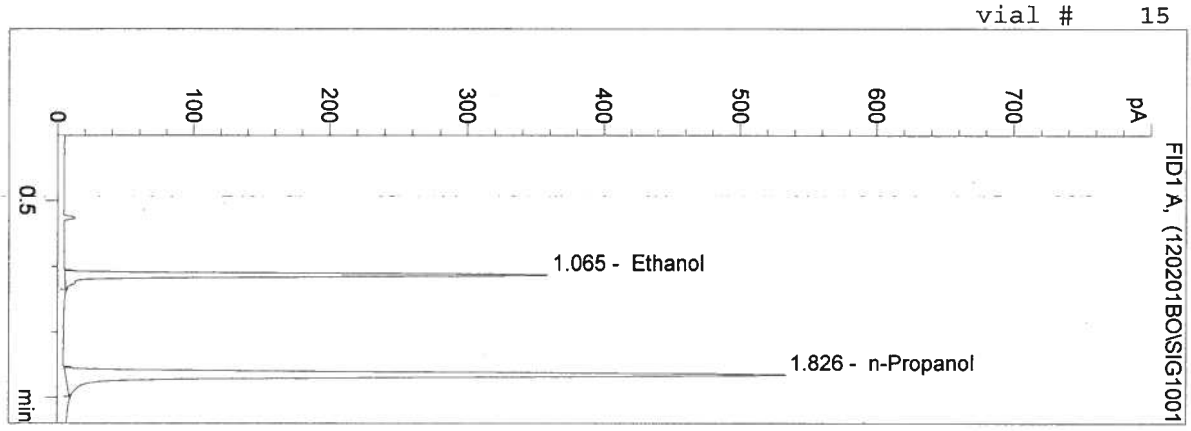
BEO

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/1/2012 1:23:21 PM
Instrument 3
DB-ALC2

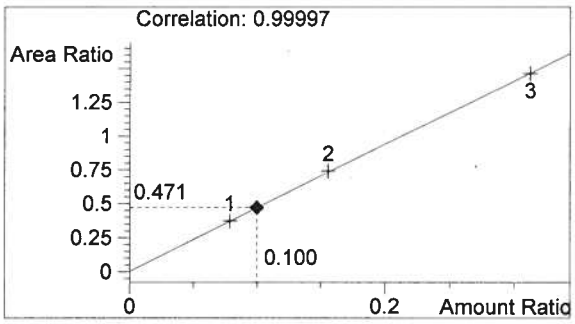
0.10 CONTROL-BO
Brianne E. O'Reilly

vial # 15

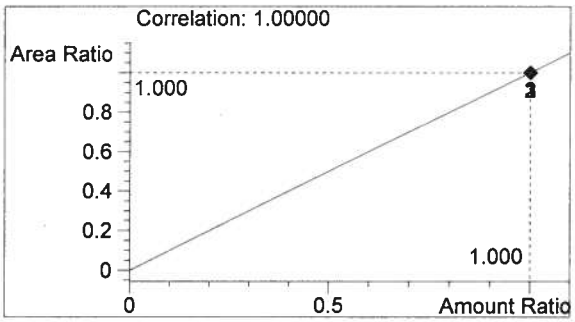


#	Compound	Area	RT
1	Ethanol	689	1.065
2	n-Propanol	1463	1.826

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

12006

BW

WASHINGTON STATE TOXICOLOGY LABORATORY

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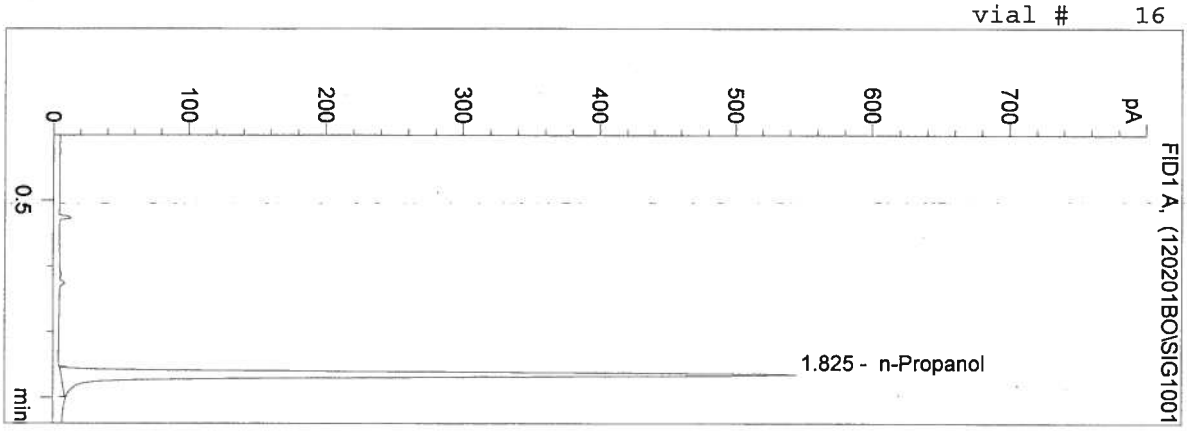
2/1/2012 1:26:28 PM
Instrument 3
DB-ALC2

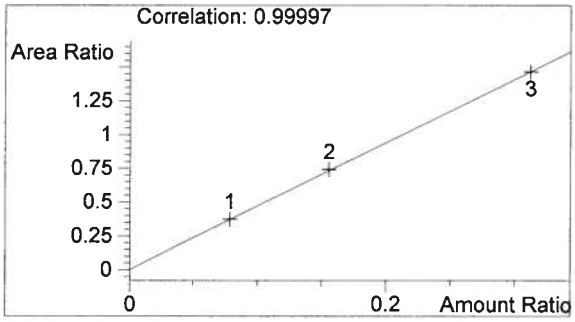
NEG CONTROL-BO
Brianne E. O'Reilly

vial # 16

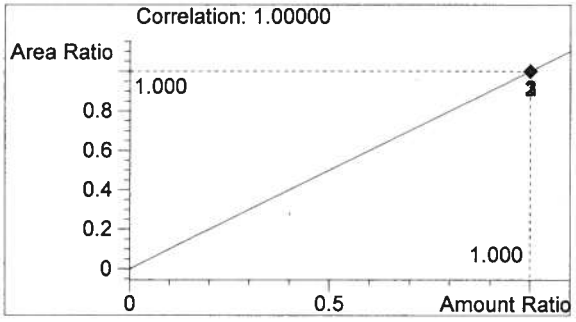


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1498	1.825

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

BWO

Sequence Parameters:

Operator:	Dawn Cox
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120202DC
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1- Lot# E1111-01 Exp 02/10/2012
Cal 2- Lot# E1111-02 Exp 02/10/2012
Cal 3- Lot# E1111-03 Exp 02/10/2012
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot# E1111-01
3	Vial 3	Lot# E1111-02
4	Vial 4	Lot# E1111-03
5	Vial 5	
6	Vial 6	Lot# ~~A075264~~ A077459 DC 2.13.12
7	Vial 7	Lot#A075806
8	Vial 8	Lot#A076521
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	Lot#A075806

12006

DC

16 Vial 16

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-DC	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-DC	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-DC	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-DC	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-DC	SIMALC3	1	Ctrl Samp		
10	Vial 10	12006 #1	SIMALC3	1	Sample		
11	Vial 11	12006 #2	SIMALC3	1	Sample		
12	Vial 12	12006 #3	SIMALC3	1	Sample		
13	Vial 13	12006 #4	SIMALC3	1	Sample		
14	Vial 14	12006 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-DC	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-DC	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12006

Calibration Table

Calib. Data Modified : Thursday, February 02, 2012 1:27:16 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.063	1	1	7.86300e-2	496.32428	1.58425e-4	1		Ethanol
		2	1.55890e-1	1022.95959	1.52391e-4			
		3	3.12180e-1	2032.92676	1.53562e-4			
1.823	1	1	1.00000	1387.05334	7.20953e-4	I1		n-Propanol
		2	1.00000	1399.84021	7.14367e-4			
		3	1.00000	1396.43616	7.16109e-4			

Peak Sum Table

No Entries in table

12006

DL

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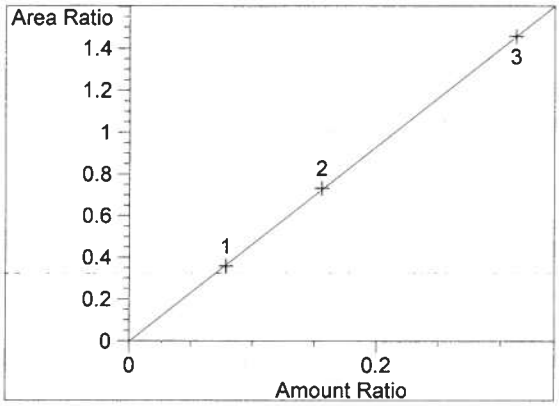
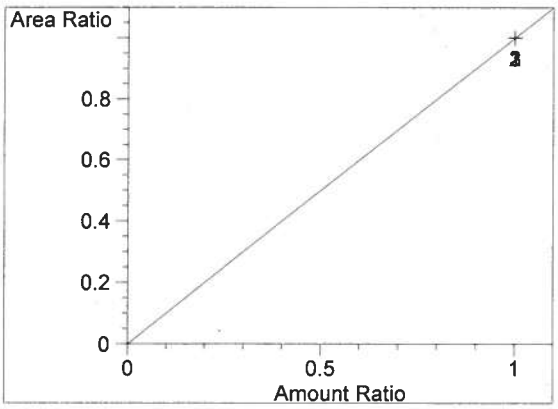
Calibration Curves

==========



Ethanol at exp. RT: 1.063
FID1 A,
Correlation: 0.99997
Residual Std. Dev.: 0.00632
Formula: y = mx + b
m: 4.67435
b: -2.76888e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.823
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

12006

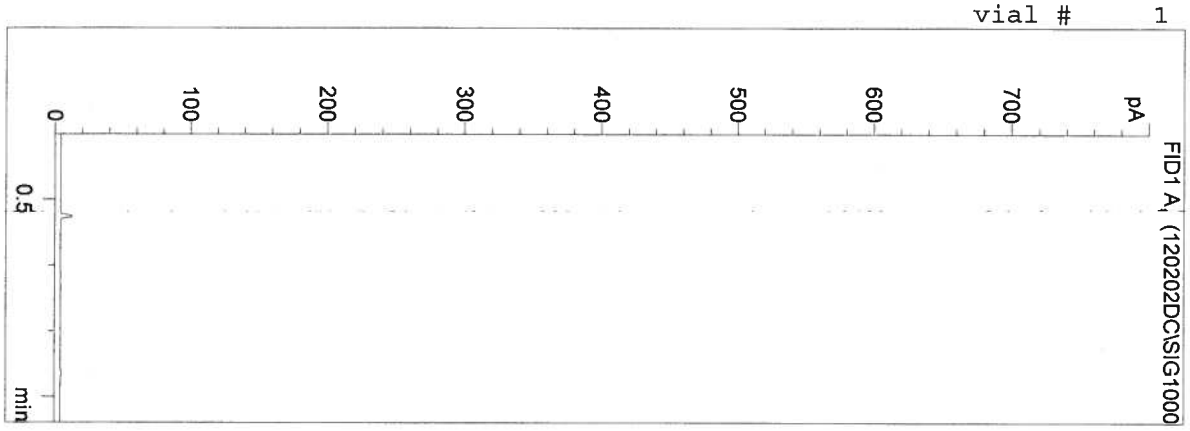
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 1:15:42 PM
Instrument 3
DB-ALC2

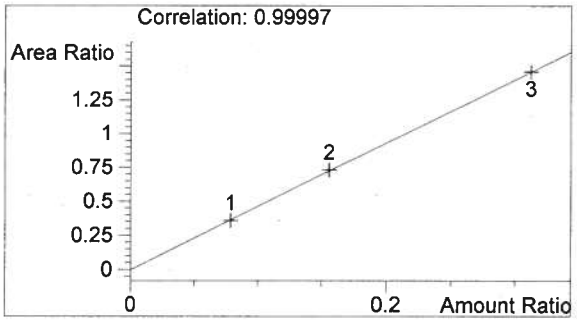
BLANK
Dawn Cox

vial # 1

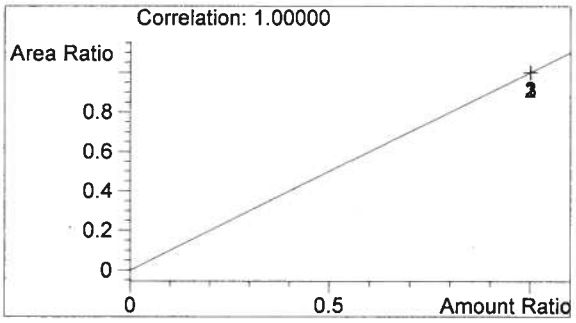


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

Totals:



Ethanol 0.000 g/100ml



n-Propanol 0.000 g/100ml

12006

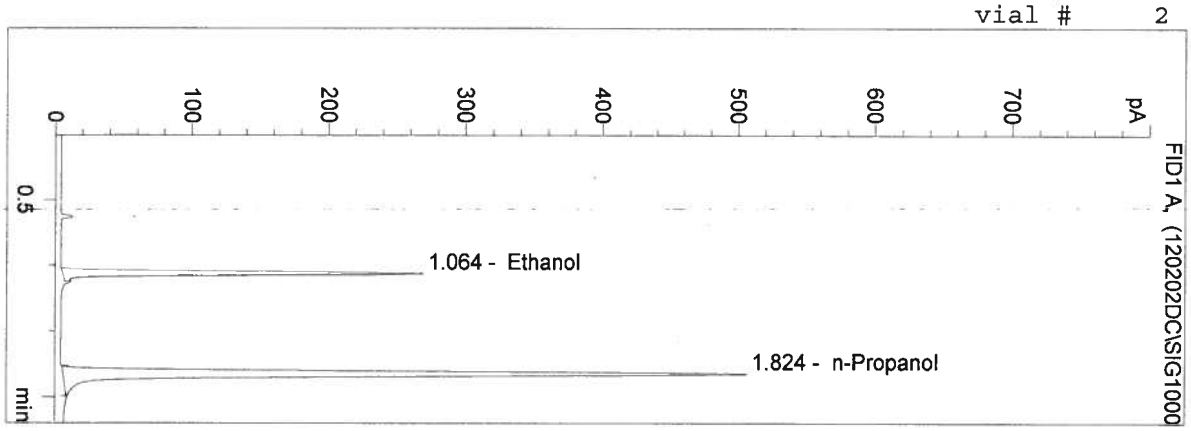
D2

WASHINGTON STATE TOXICOLOGY LABORATORY

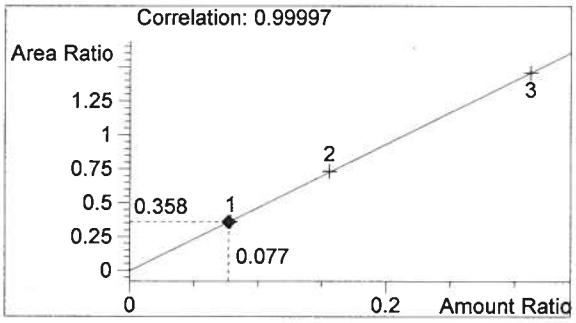
C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 1:18:49 PM
Instrument 3
DB-ALC2

0.079 CAL 1
Dawn Cox

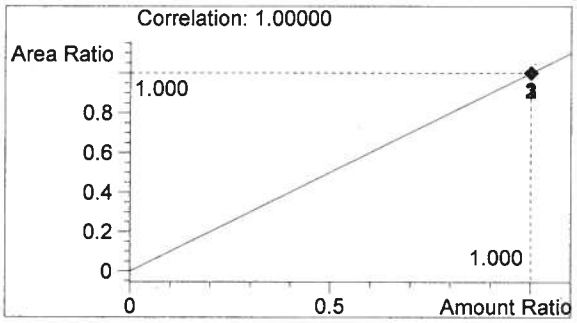
vial # 2



#	Compound	Area	RT
1	Ethanol	496	1.064
2	n-Propanol	1387	1.824
Totals:			



Ethanol 0.077 g/100ml



n-Propanol 1.000 g/100ml

12006

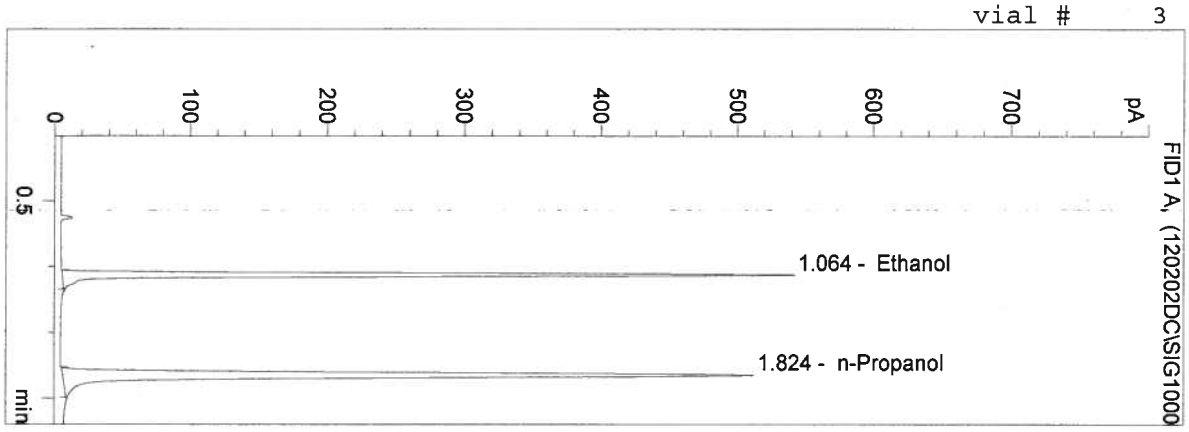
BC

WASHINGTON STATE TOXICOLOGY LABORATORY

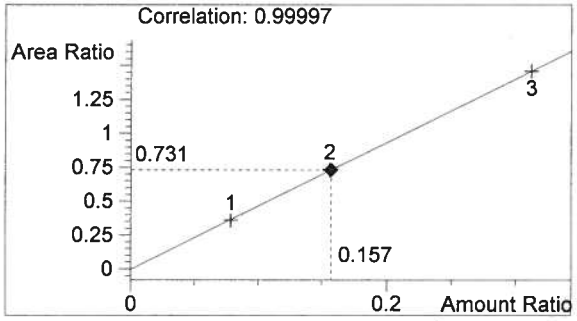
C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 1:21:57 PM
Instrument 3
DB-ALC2

0.158 CAL 2
Dawn Cox

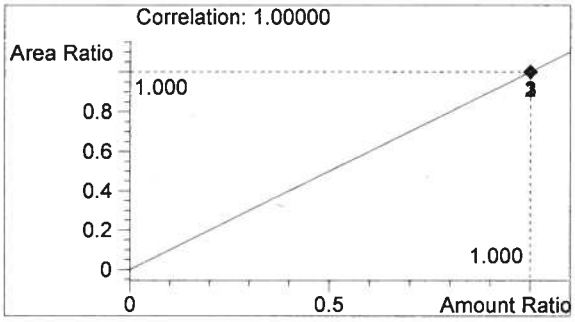
vial # 3



#	Compound	Area	RT
1	Ethanol	1023	1.064
2	n-Propanol	1400	1.824
Totals:			



Ethanol 0.157 g/100ml



n-Propanol 1.000 g/100ml

12006

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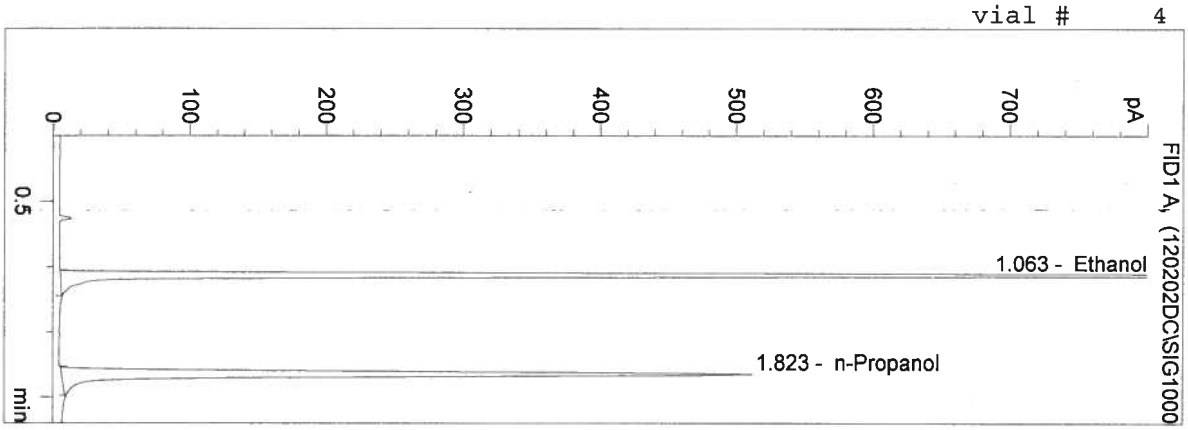
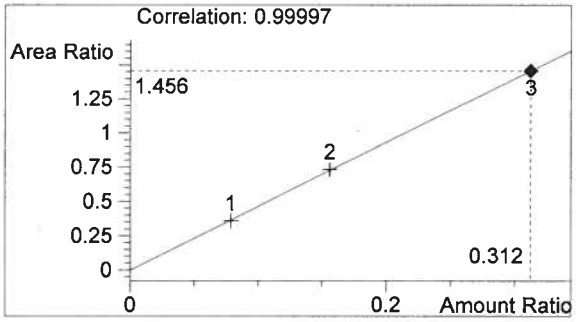
2/2/2012 1:25:04 PM
Instrument 3
DB-ALC2

0.316 CAL 3
Dawn Cox

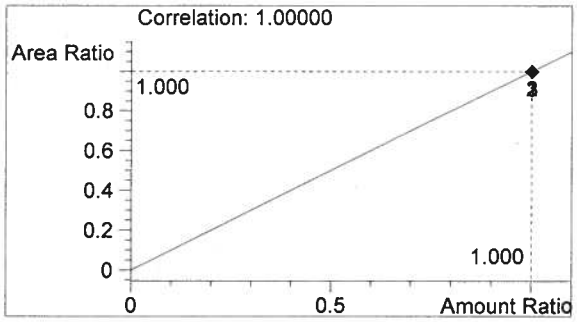
vial # 4



#	Compound	Area	RT
1	Ethanol	2033	1.063
2	n-Propanol	1396	1.823
Totals:			



Ethanol 0.312 g/100ml



n-Propanol 1.000 g/100ml

12006

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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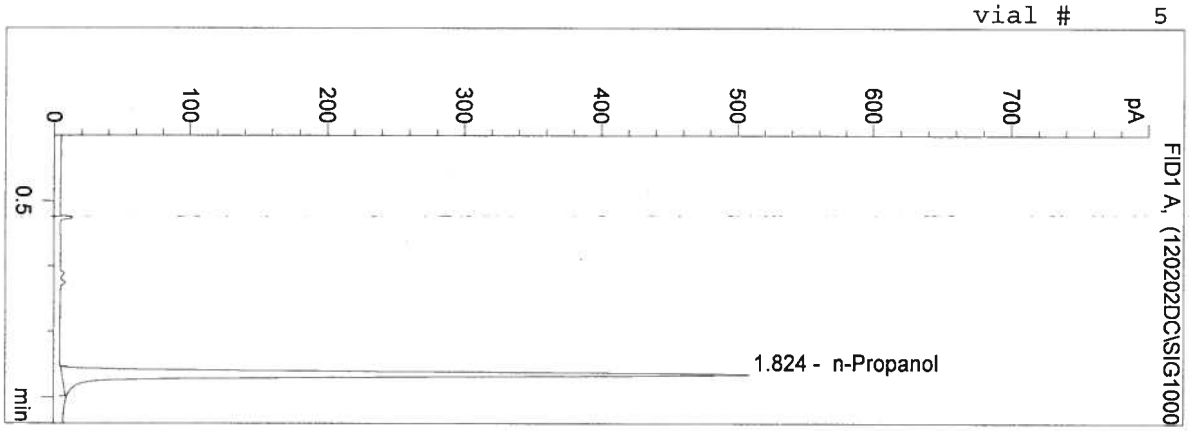
Instrument 3
DB-ALC2

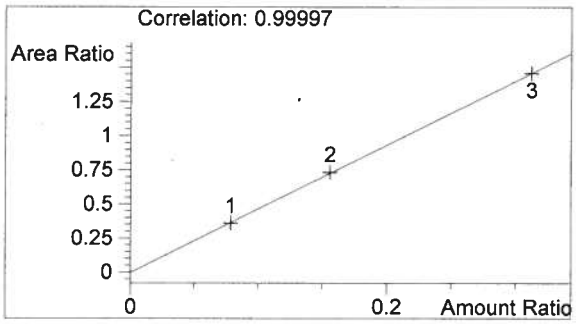
NEG CTRL-DC
Dawn Cox

vial # 5

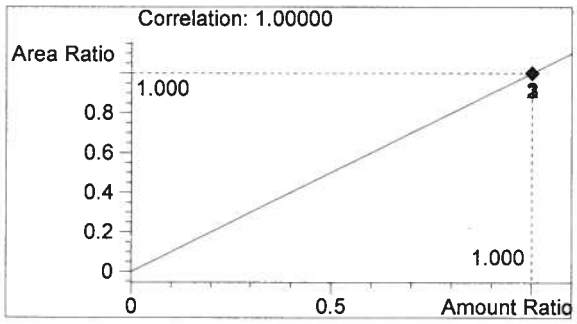


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1392	1.824

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

DC

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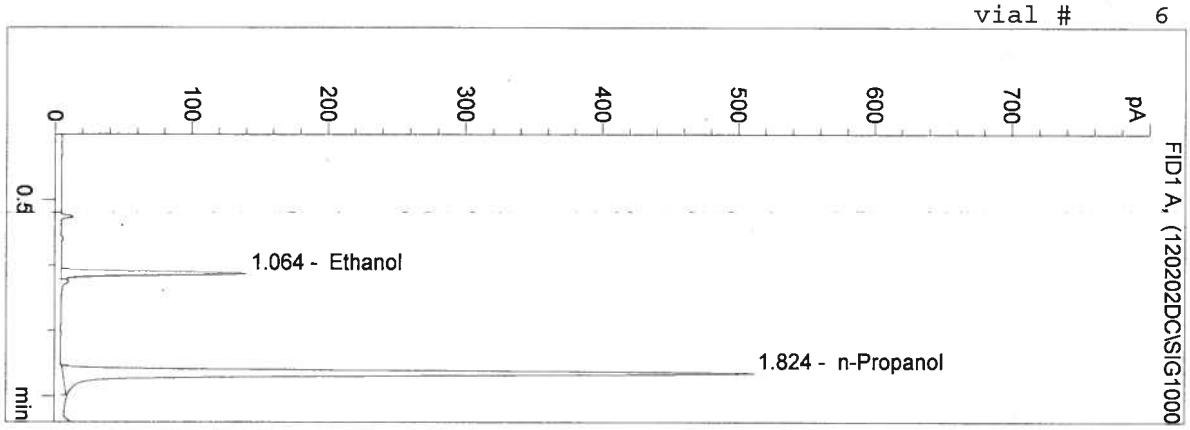
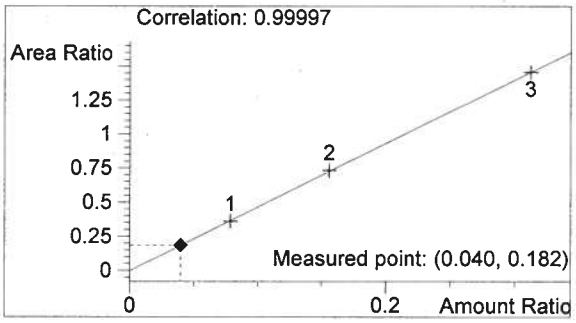
2/2/2012 1:31:18 PM
Instrument 3
DB-ALC2

0.04 CTRL-DC
Dawn Cox

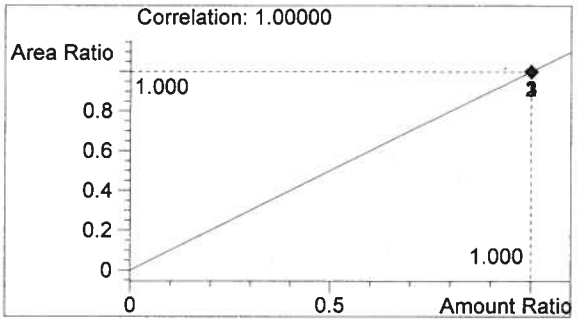
vial # 6



#	Compound	Area	RT
1	Ethanol	255	1.064
2	n-Propanol	1399	1.824
Totals:			



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

12006

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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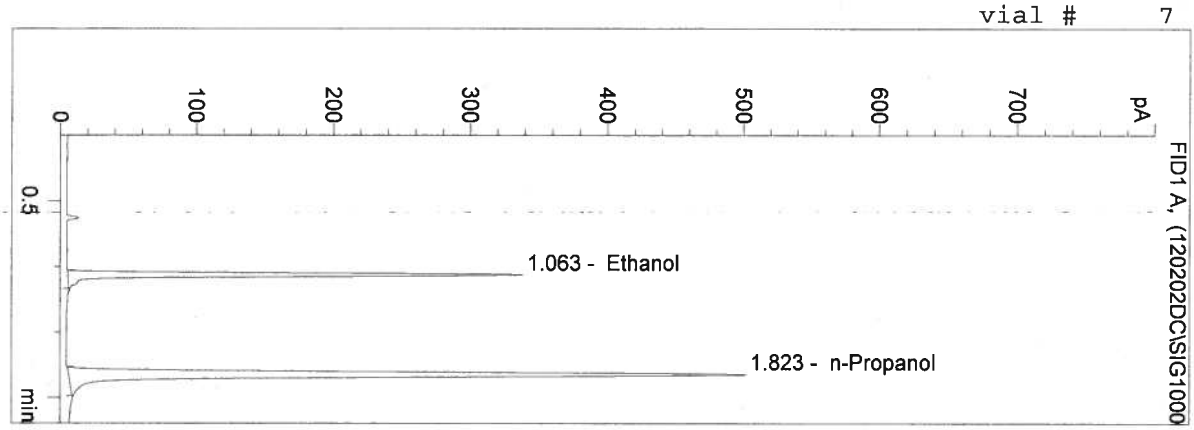
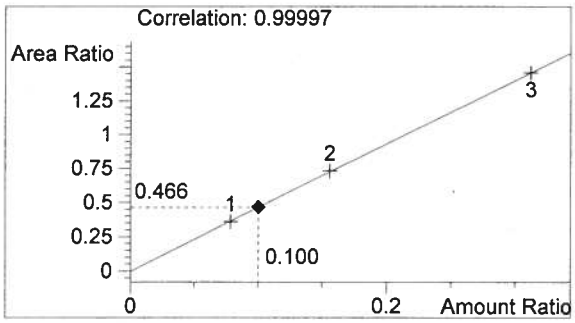
2/2/2012 1:34:26 PM
Instrument 3
DB-ALC2

0.10 CTRL-DC
Dawn Cox

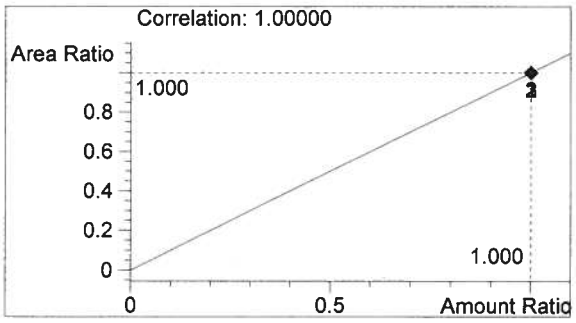
vial # 7



#	Compound	Area	RT
1	Ethanol	638	1.063
2	n-Propanol	1371	1.823
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

12006

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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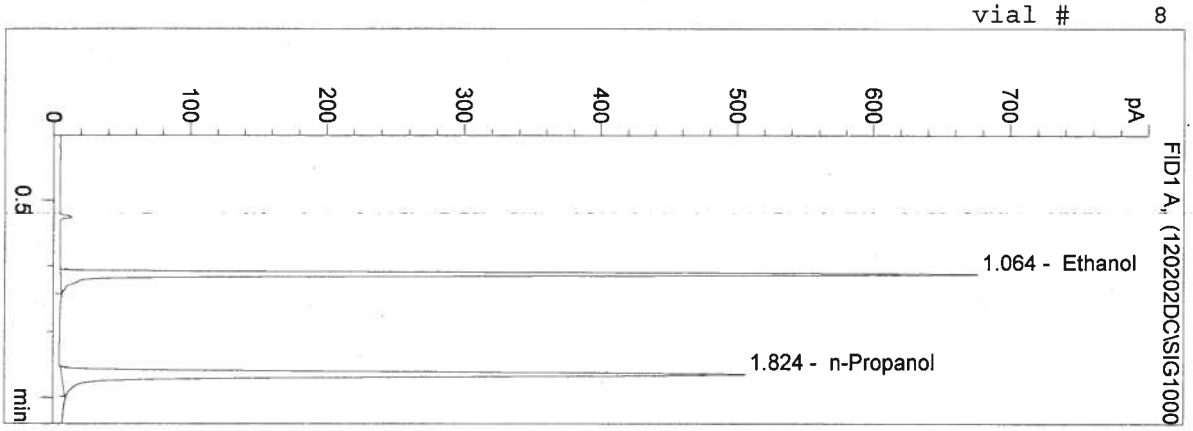
2/2/2012 1:37:33 PM
Instrument 3
DB-ALC2

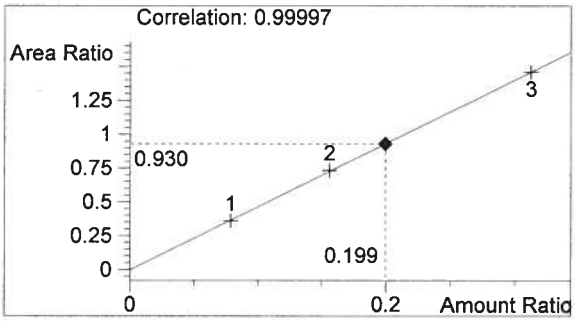
0.20 CTRL-DC
Dawn Cox

vial # 8

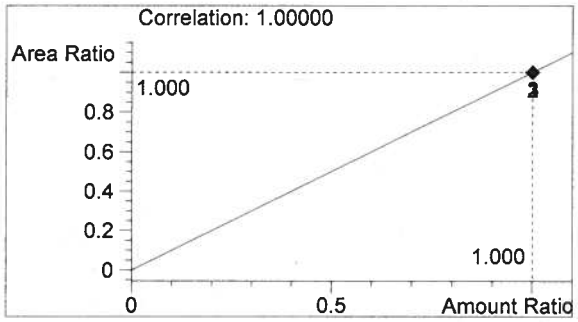


#	Compound	Area	RT
1	Ethanol	1284	1.064
2	n-Propanol	1381	1.824

Totals:



Ethanol 0.199 g/100ml



n-Propanol 1.000 g/100ml

12006

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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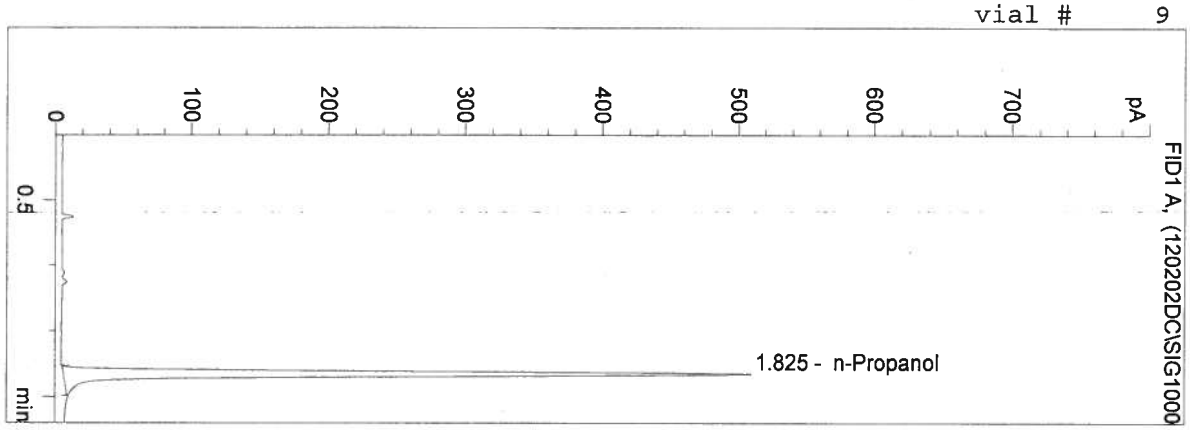
2/2/2012 1:40:40 PM
Instrument 3
DB-ALC2

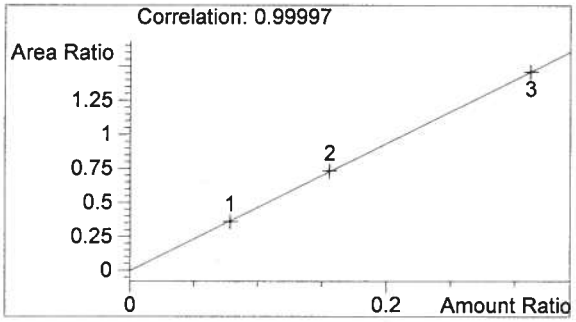
NEG CTRL-DC
Dawn Cox

vial # 9

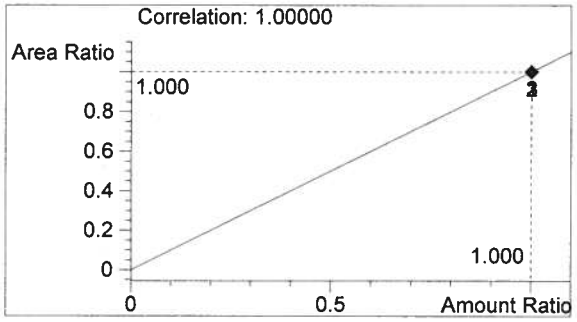


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1395	1.825

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

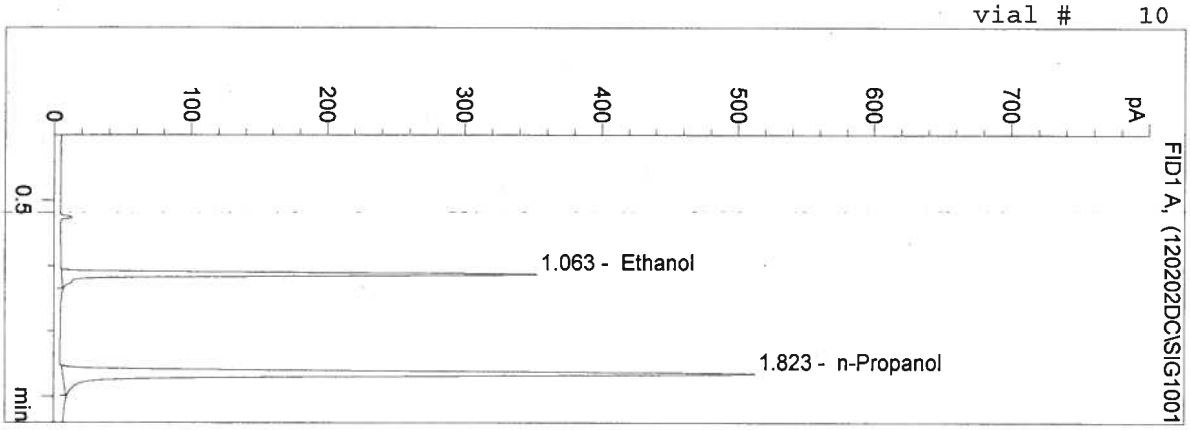
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

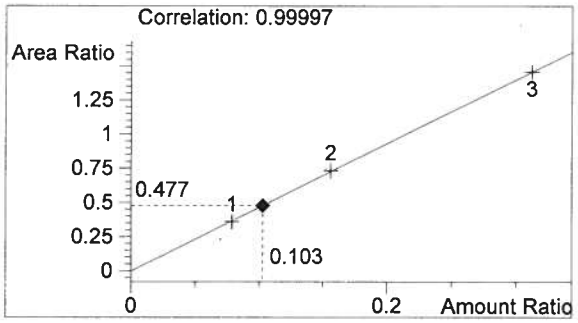
C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 1:43:47 PM
Instrument 3
DB-ALC2

12006 #1
Dawn Cox

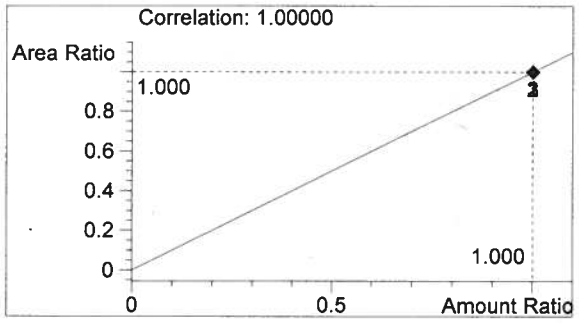
vial # 10



#	Compound	Area	RT
1	Ethanol	668	1.063
2	n-Propanol	1401	1.823
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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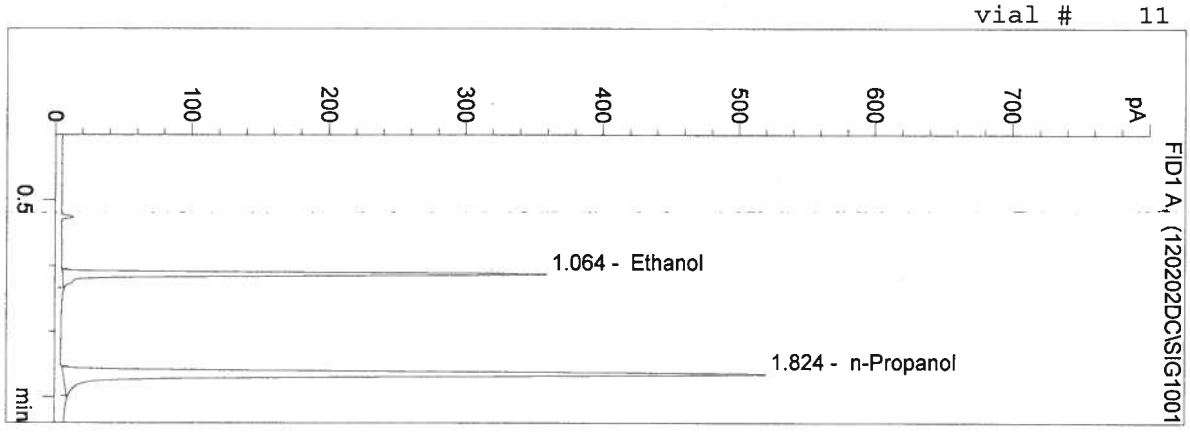
2/2/2012 1:46:54 PM
Instrument 3
DB-ALC2

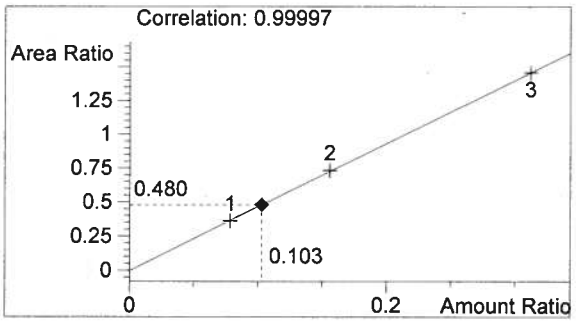
12006 #2
Dawn Cox

vial # 11

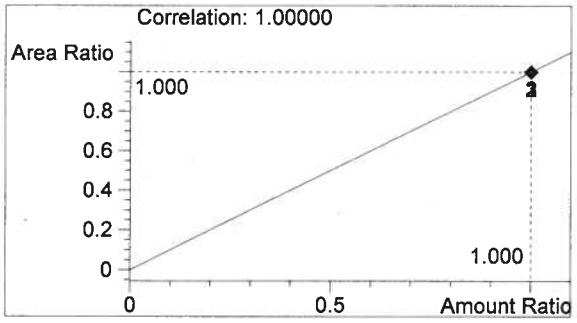


#	Compound	Area	RT
1	Ethanol	683	1.064
2	n-Propanol	1424	1.824

Totals:



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

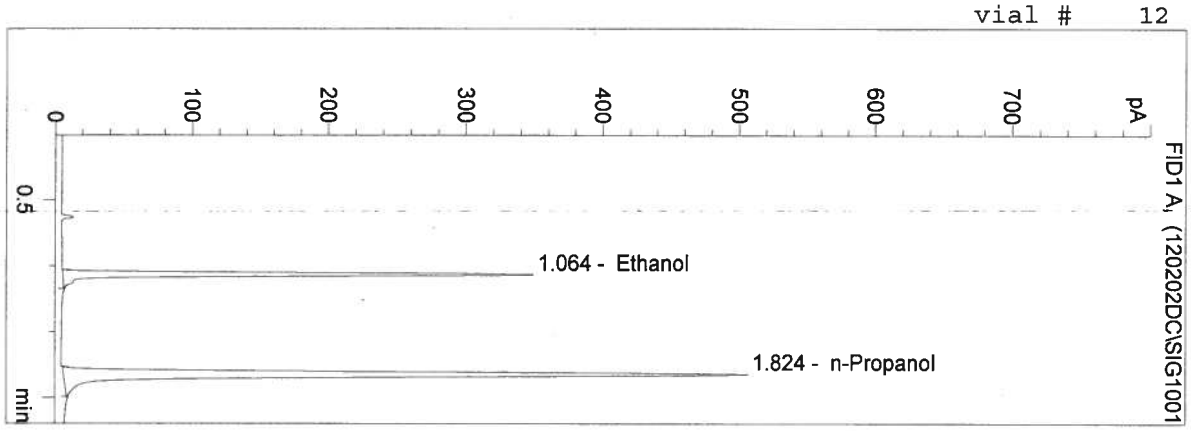
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

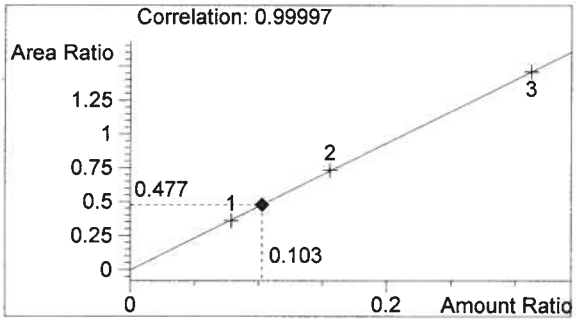
C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 1:50:02 PM
Instrument 3
DB-ALC2

12006 #3
Dawn Cox

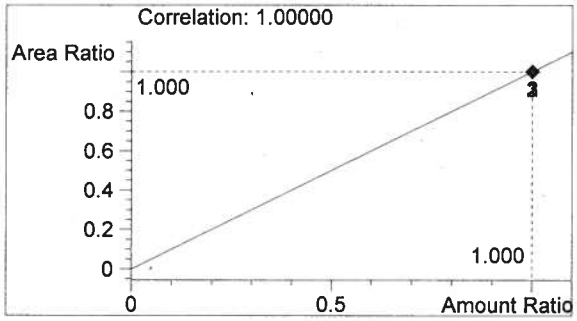
vial # 12



#	Compound	Area	RT
1	Ethanol	658	1.064
2	n-Propanol	1381	1.824
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

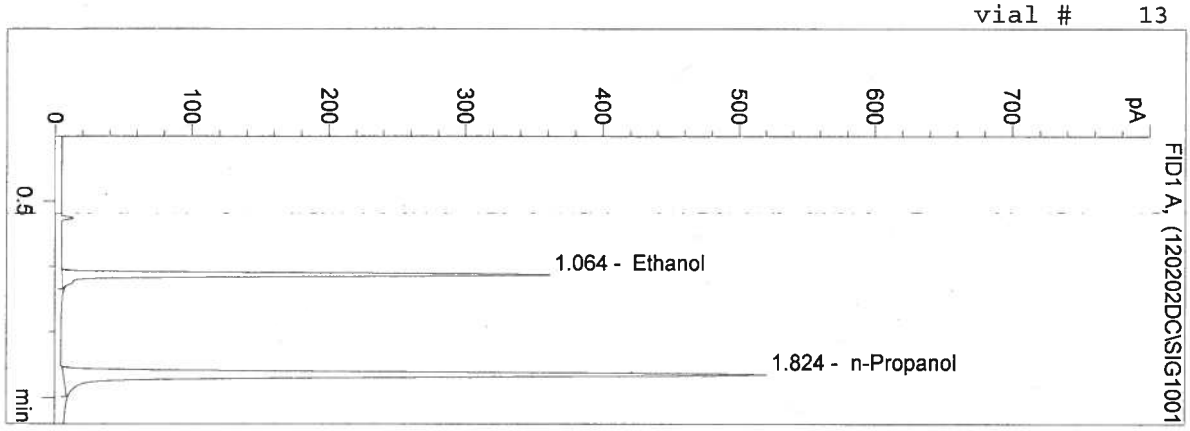
AC

WASHINGTON STATE TOXICOLOGY LABORATORY

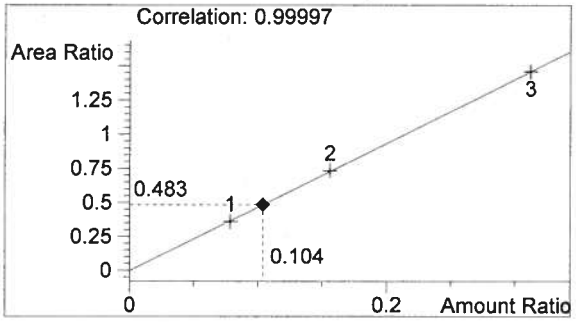
C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 1:53:09 PM
Instrument 3
DB-ALC2

12006 #4
Dawn Cox

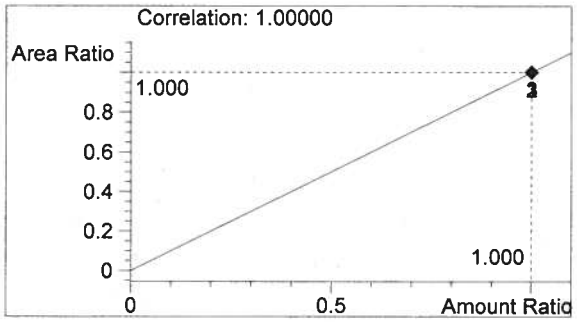
vial # 13



#	Compound	Area	RT
1	Ethanol	686	1.064
2	n-Propanol	1422	1.824
Totals:			



Ethanol 0.104 g/100ml



n-Propanol 1.000 g/100ml

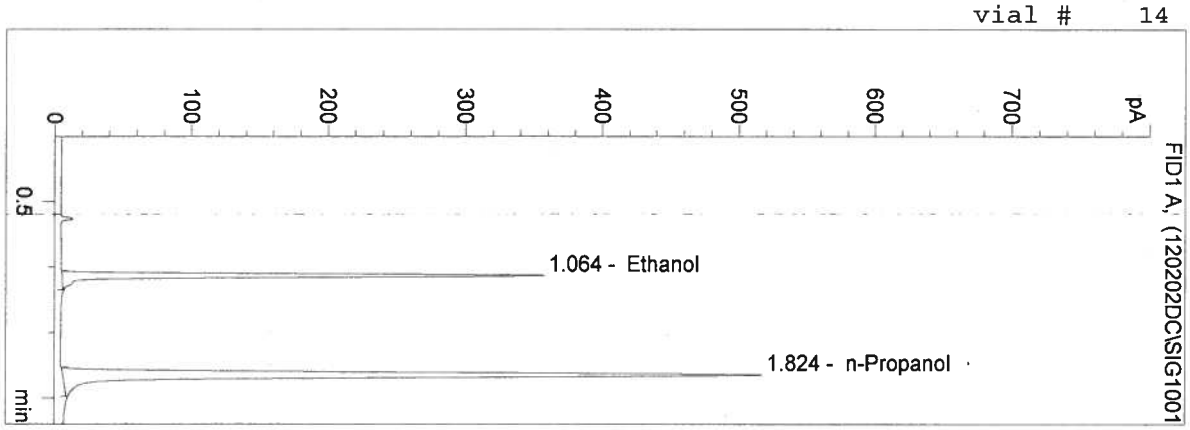
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

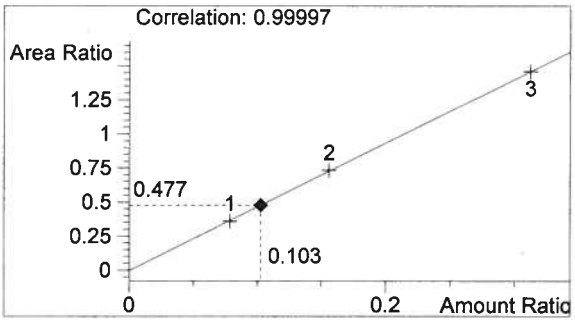
C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 1:56:16 PM
Instrument 3
DB-ALC2

12006 #5
Dawn Cox

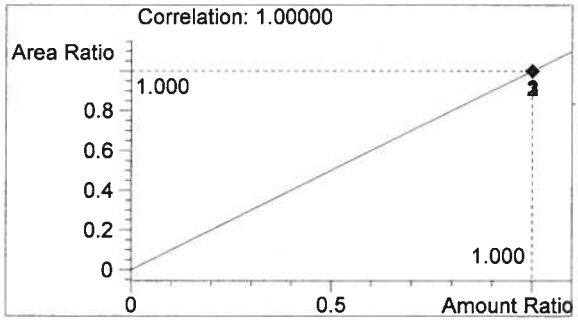
vial # 14



#	Compound	Area	RT
1	Ethanol	674	1.064
2	n-Propanol	1413	1.824
Totals:			



Ethanol 0.103 g/100ml



n-Propanol 1.000 g/100ml

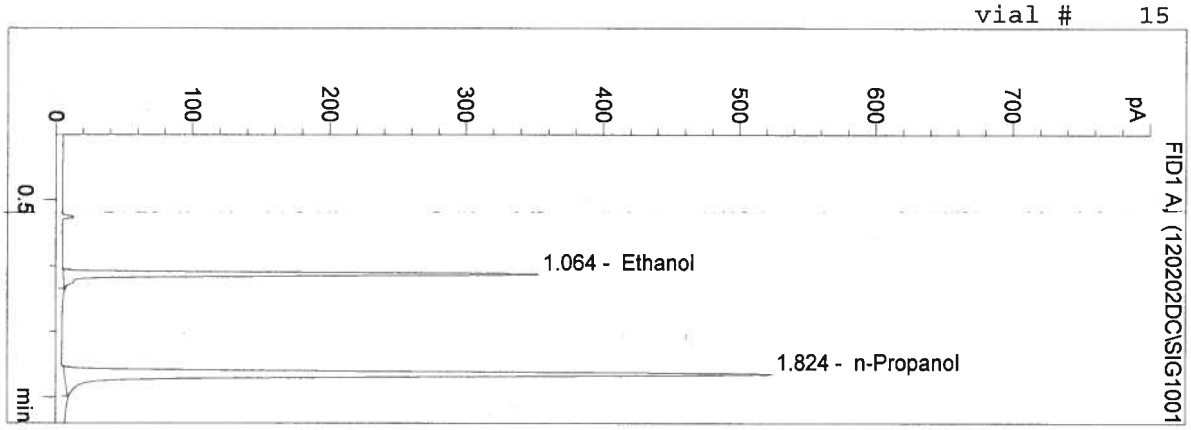
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

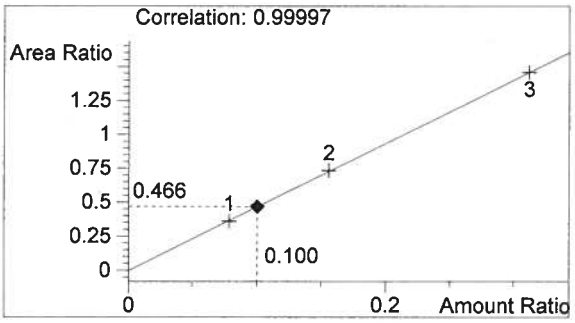
C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 1:59:23 PM
Instrument 3
DB-ALC2

0.10 CTRL-DC
Dawn Cox

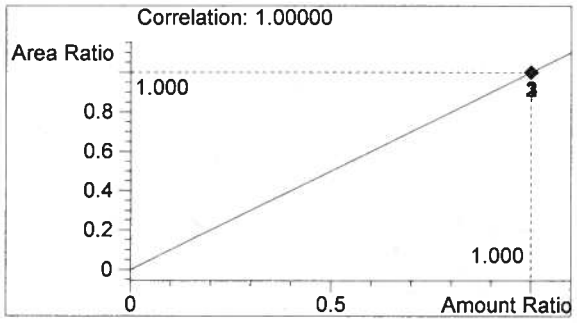
vial # 15



#	Compound	Area	RT
1	Ethanol	668	1.064
2	n-Propanol	1432	1.824
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

12006

DL

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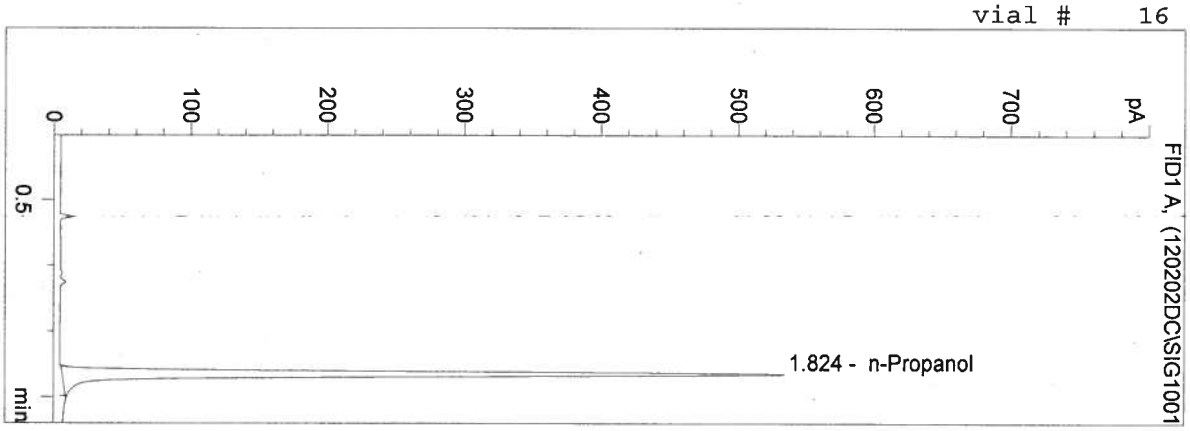
Instrument 3
DB-ALC2

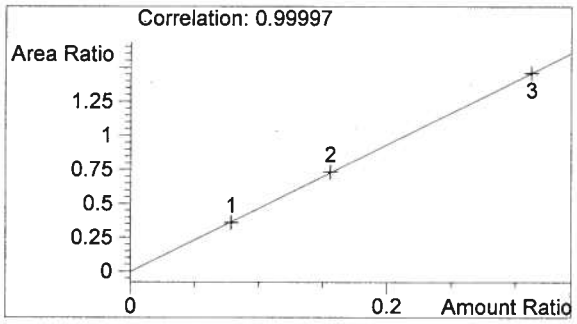
NEG CTRL-DC
Dawn Cox

vial # 16

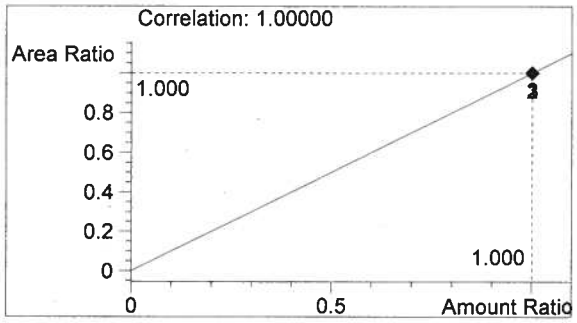


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1456	1.824

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

DC

Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120202CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1- Lot# E1111-01 Exp 02/10/2012
Cal 2- Lot# E1111-02 Exp 02/10/2012
Cal 3- Lot# E1111-03 Exp 02/10/2012
0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot# E1111-01
3	Vial 3	Lot# E1111-02
4	Vial 4	Lot# E1111-03
5	Vial 5	
6	Vial 6	0.04 control lot# a077459 exp 02/2015
7	Vial 7	0.10 control lot# a075806 exp 11/2014
8	Vial 8	0.20 control lot# a076521 exp 12/2014
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	0.10 control lot# a075806 exp 11/2014

12006

W

16 Vial 16

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 12006 #1	SIMALC3	1	Sample		
11	Vial 11	ESS 12006 #2	SIMALC3	1	Sample		
12	Vial 12	ESS 12006 #3	SIMALC3	1	Sample		
13	Vial 13	ESS 12006 #4	SIMALC3	1	Sample		
14	Vial 14	ESS 12006 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12006

Calibration Table

Calib. Data Modified : Thursday, February 02, 2012 2:57:11 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Sig	Lvl	Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.064	1	1	7.86300e-2	495.27280	1.58761e-4	1		Ethanol
		2	1.55890e-1	1017.06543	1.53274e-4			
		3	3.12180e-1	2039.10510	1.53097e-4			
1.823	1	1	1.00000	1390.02405	7.19412e-4	I1		n-Propanol
		2	1.00000	1387.44983	7.20747e-4			
		3	1.00000	1398.34131	7.15133e-4			

Peak Sum Table

No Entries in table

12006

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Calibration Curves

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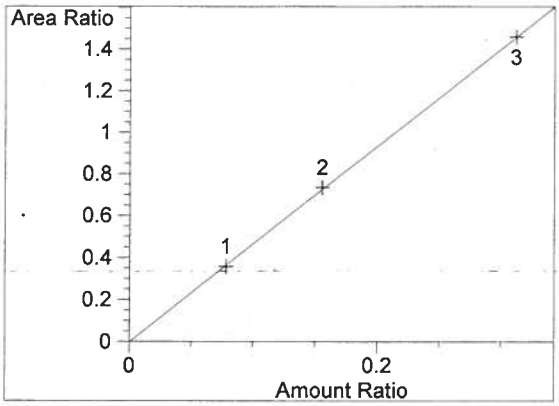
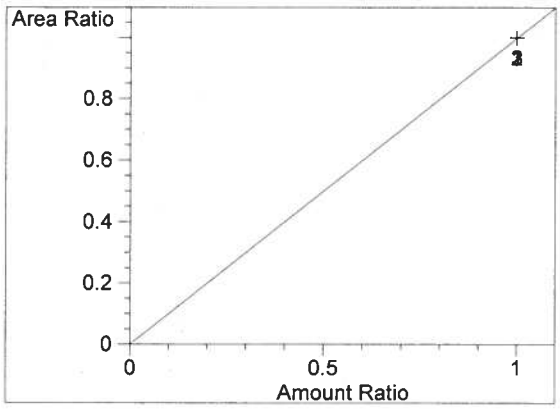


Ethanol at exp. RT: 1.064
FID1 A,
Correlation: 0.99995
Residual Std. Dev.: 0.00790
Formula: y = mx + b
m: 4.68486
b: -3.40760e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.823
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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12006

CJ

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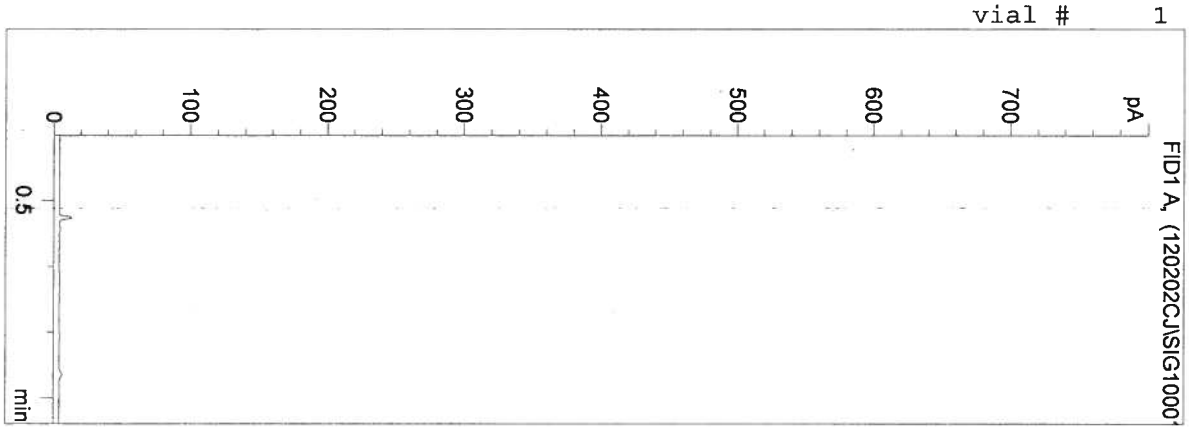
Instrument 3
DB-ALC2

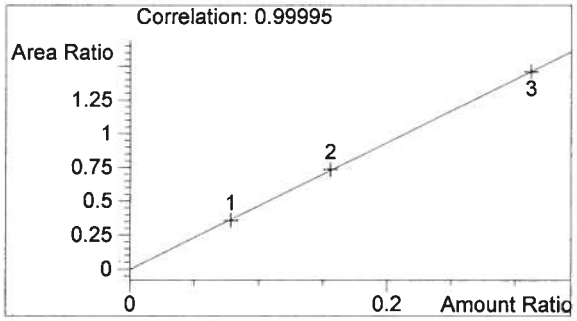
BLANK-CJ
Chris Johnston

vial # 1

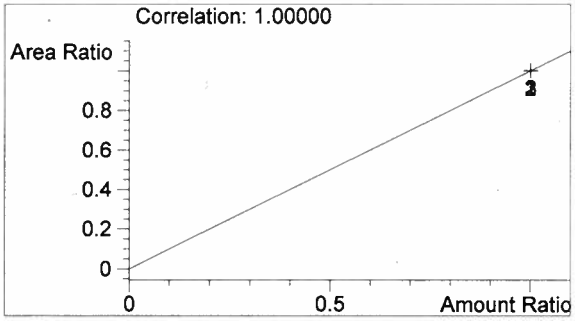


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

Totals:



Ethanol 0.000 g/100ml



n-Propanol 0.000 g/100ml

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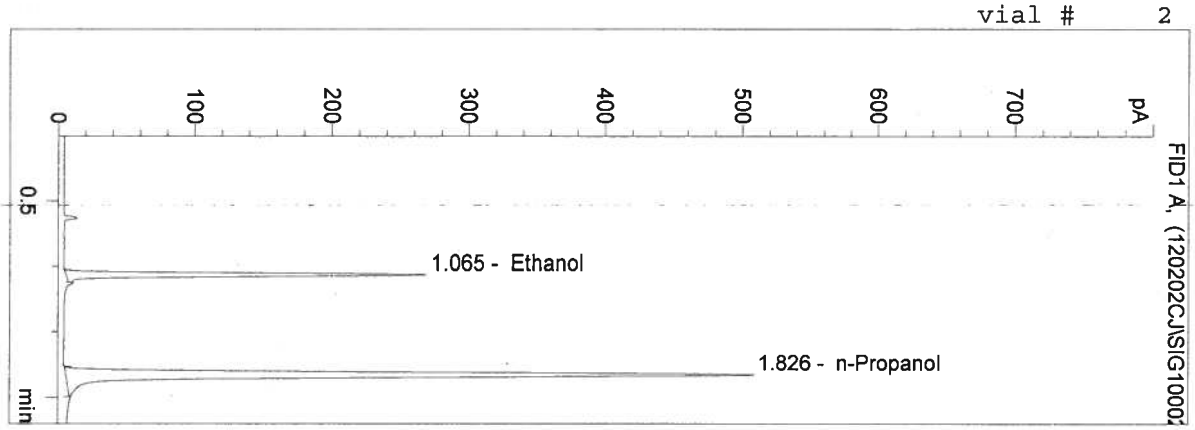
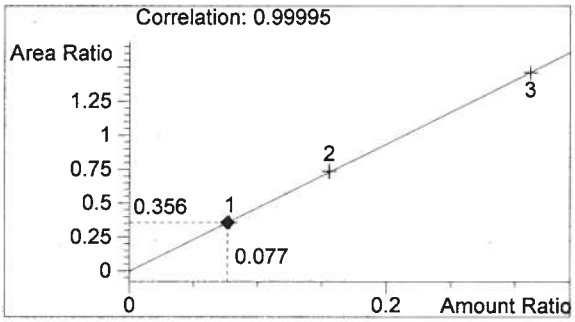
2/2/2012 2:48:44 PM
Instrument 3
DB-ALC2

0.079 CAL 1
Chris Johnston

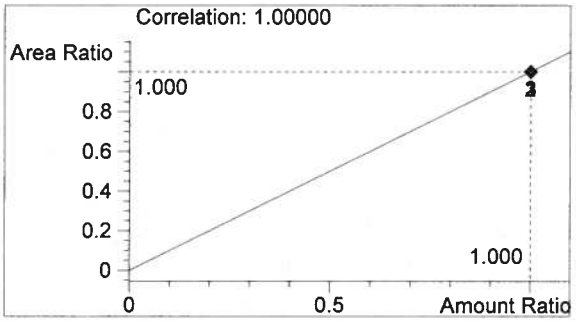
vial # 2



#	Compound	Area	RT
1	Ethanol	495	1.065
2	n-Propanol	1390	1.826
Totals:			



Ethanol 0.077 g/100ml



n-Propanol 1.000 g/100ml

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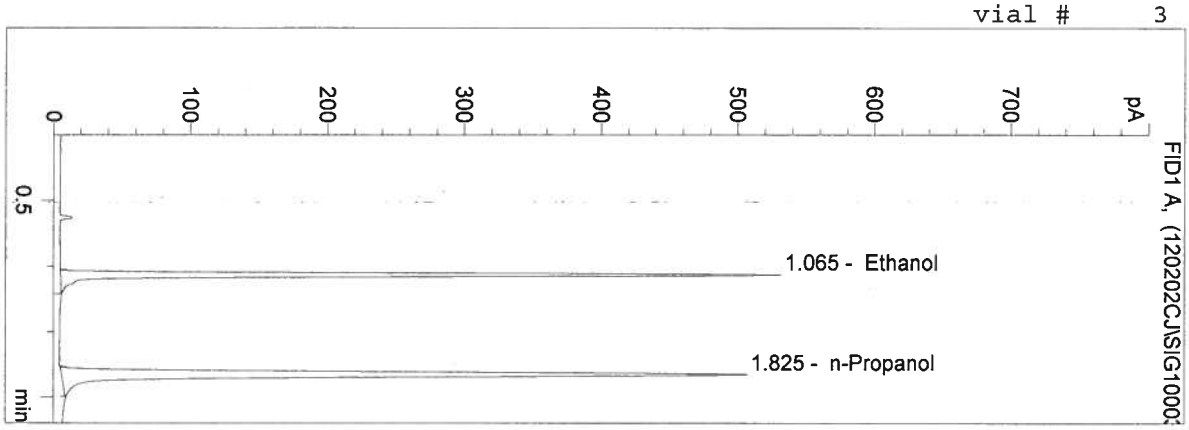
2/2/2012 2:51:52 PM
Instrument 3
DB-ALC2

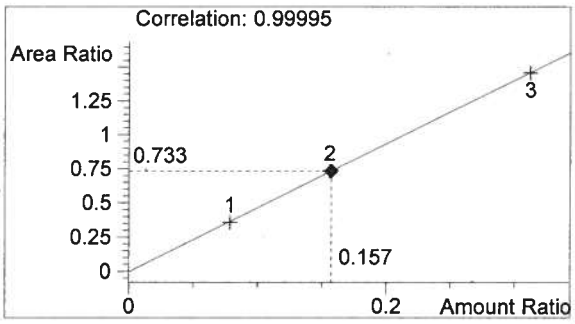
0.158 CAL 2
Chris Johnston

vial # 3

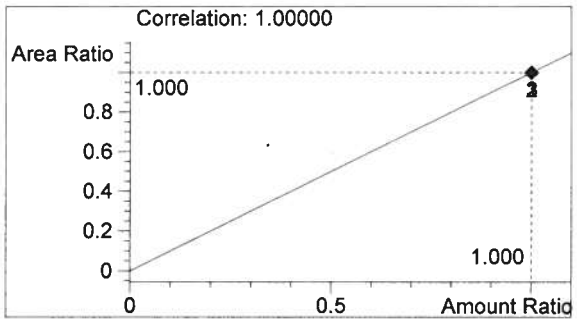


#	Compound	Area	RT
1	Ethanol	1017	1.065
2	n-Propanol	1387	1.825

Totals:



Ethanol 0.157 g/100ml



n-Propanol 1.000 g/100ml

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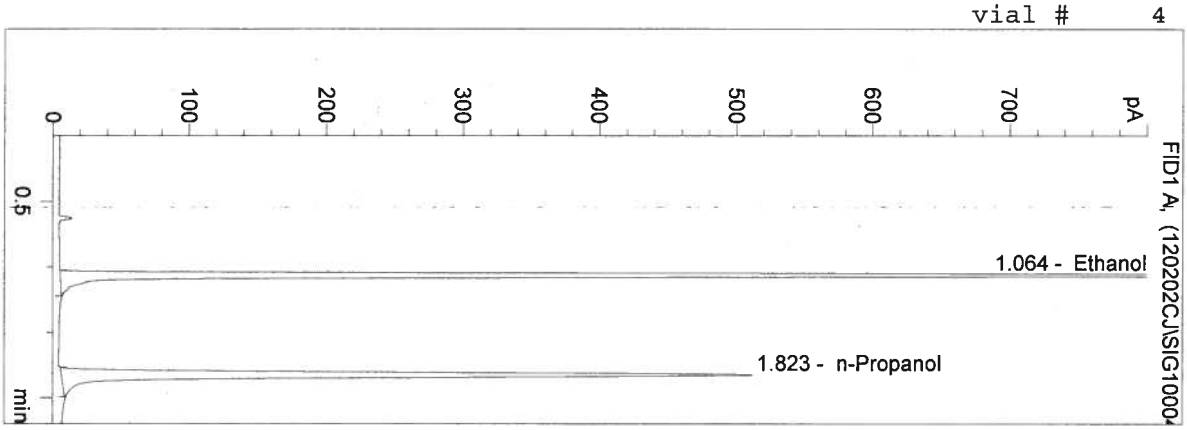
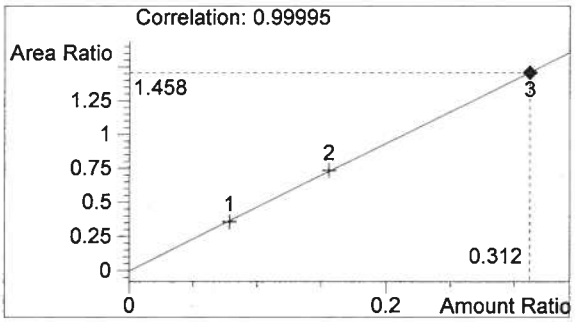
2/2/2012 2:54:59 PM
Instrument 3
DB-ALC2

0.316 CAL 3
Chris Johnston

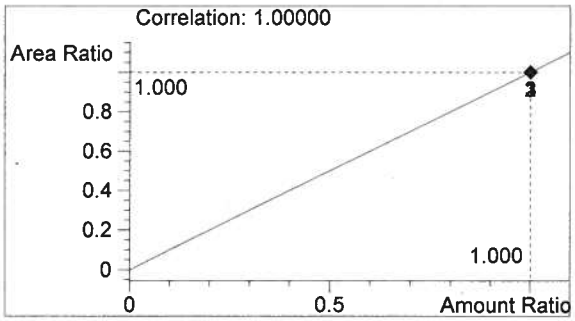
vial # 4



#	Compound	Area	RT
1	Ethanol	2039	1.064
2	n-Propanol	1398	1.823
Totals:			



Ethanol 0.312 g/100ml



n-Propanol 1.000 g/100ml

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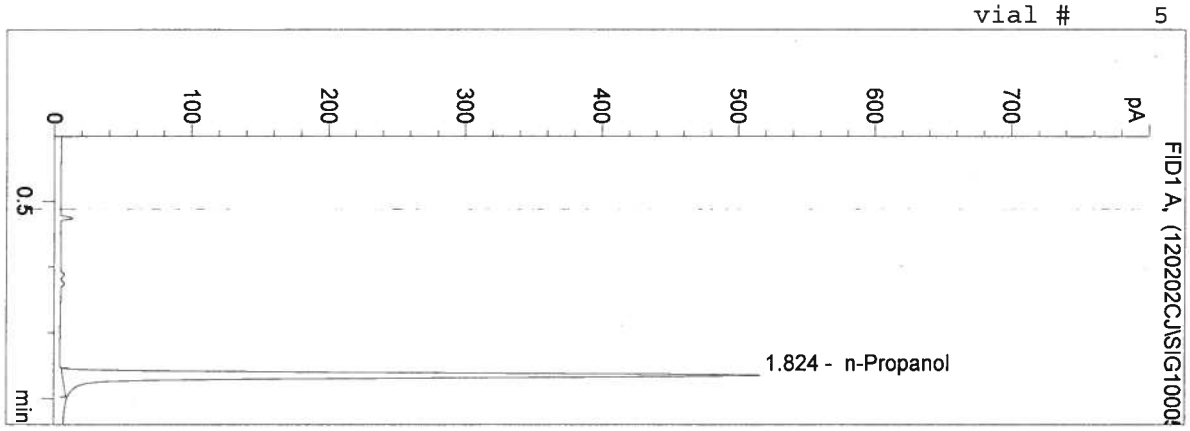
Instrument 3
DB-ALC2

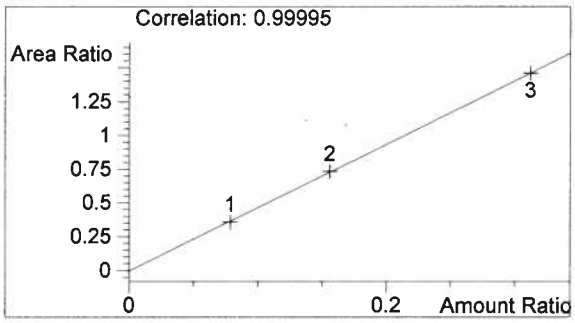
NEG CTRL-CJ
Chris Johnston

vial # 5

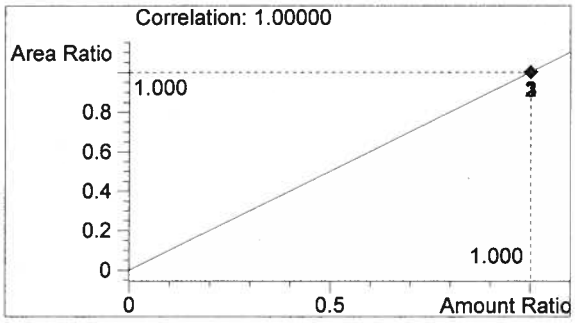


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1411	1.824

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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12006

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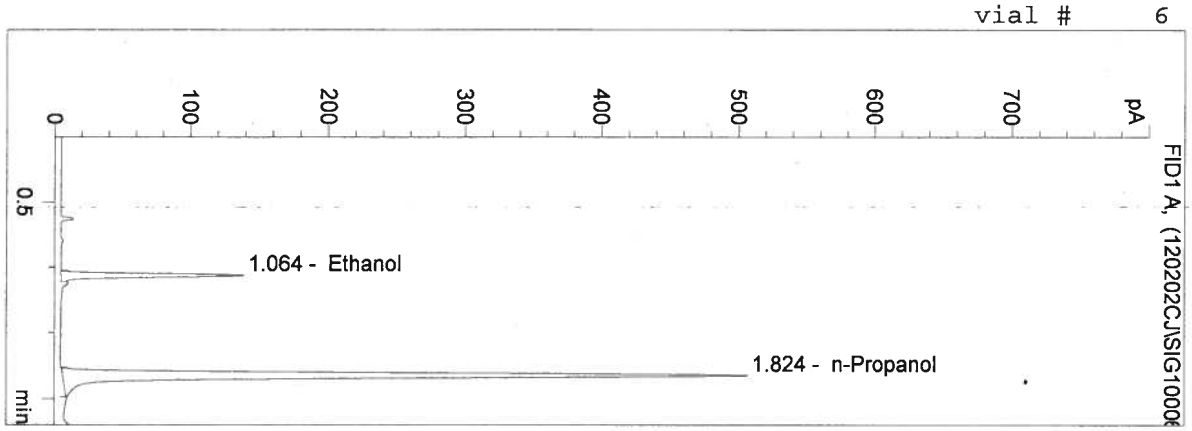
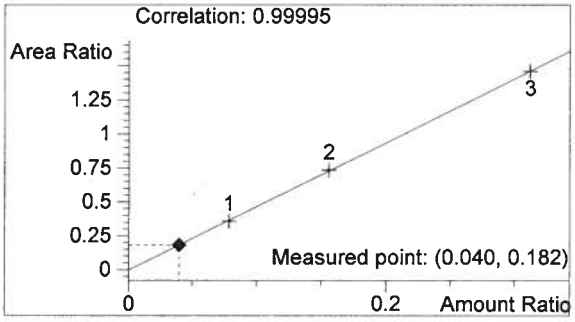
Instrument 3
DB-ALC2

0.04 CTRL-CJ
Chris Johnston

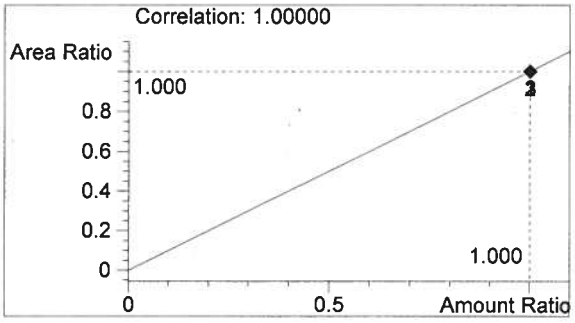
vial # 6



#	Compound	Area	RT
1	Ethanol	252	1.064
2	n-Propanol	1385	1.824
Totals:			



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

CJ

12006

WASHINGTON STATE TOXICOLOGY LABORATORY

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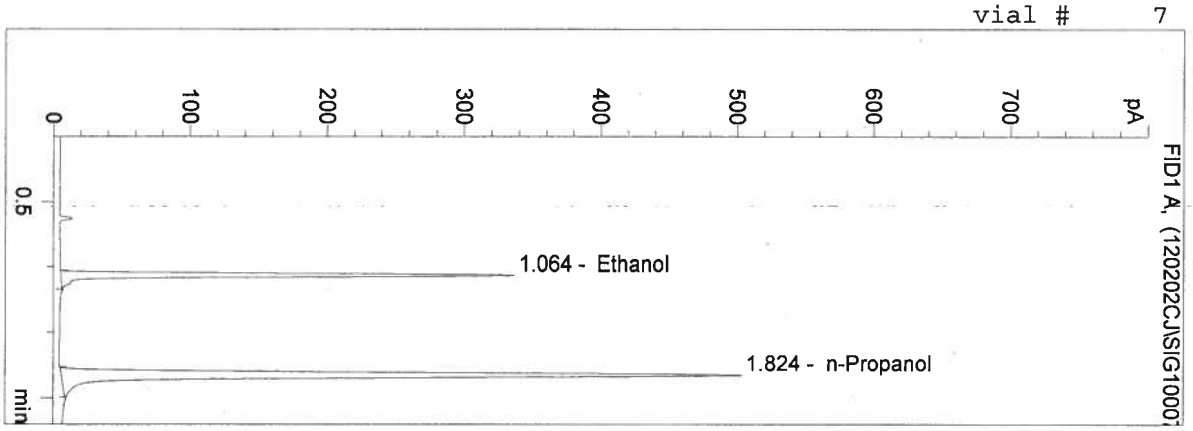
Instrument 3
DB-ALC2

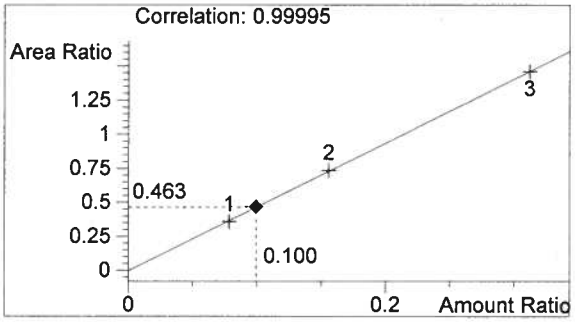
0.10 CTRL-CJ
Chris Johnston

vial # 7

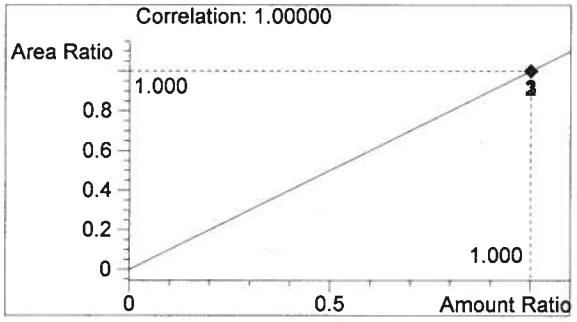


#	Compound	Area	RT
1	Ethanol	639	1.064
2	n-Propanol	1379	1.824

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

CJ

12006

WASHINGTON STATE TOXICOLOGY LABORATORY

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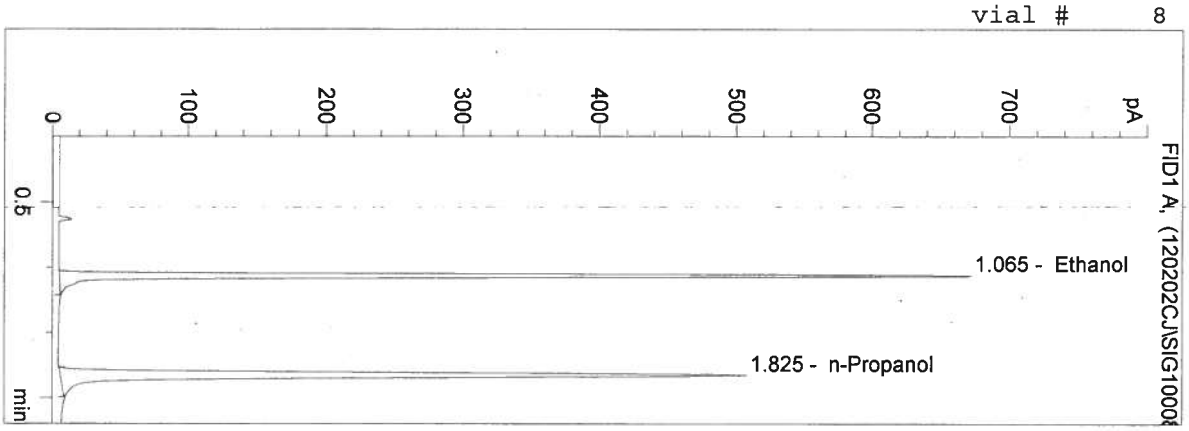
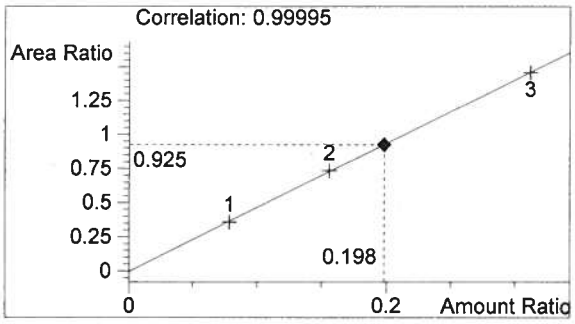
2/2/2012 3:07:28 PM
Instrument 3
DB-ALC2

0.20 CTRL-CJ
Chris Johnston

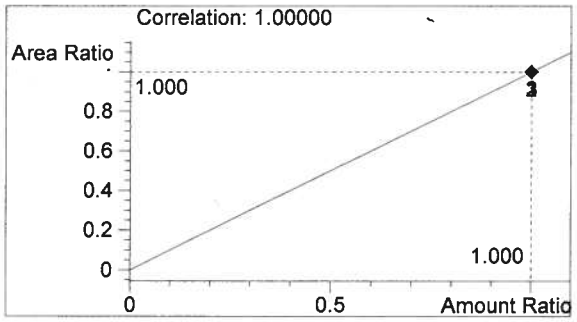
vial # 8



#	Compound	Area	RT
1	Ethanol	1287	1.065
2	n-Propanol	1390	1.825
Totals:			



Ethanol 0.198 g/100ml



n-Propanol 1.000 g/100ml

CJ

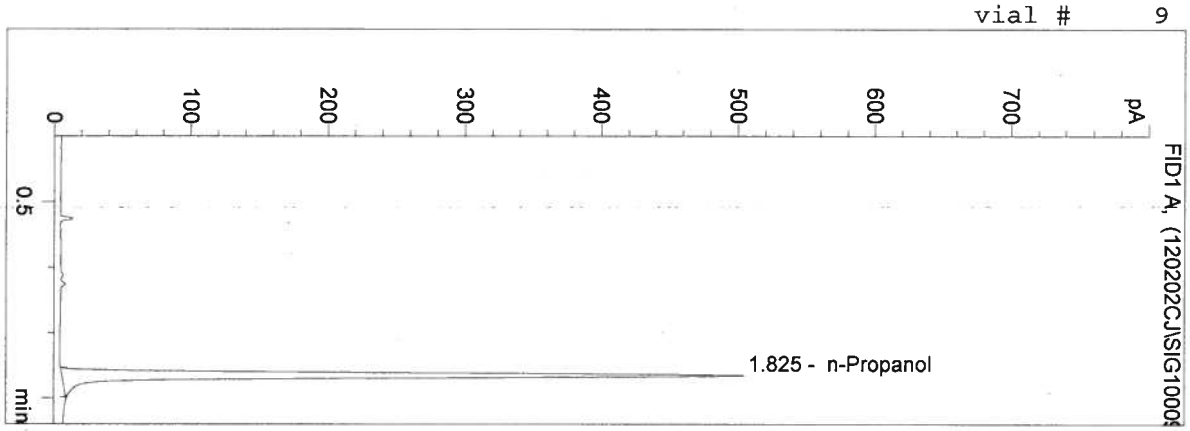
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 3:10:35 PM
Instrument 3
DB-ALC2

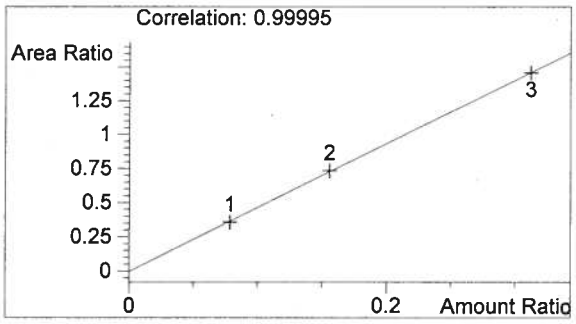
NEG CTRL-CJ
Chris Johnston

vial # 9

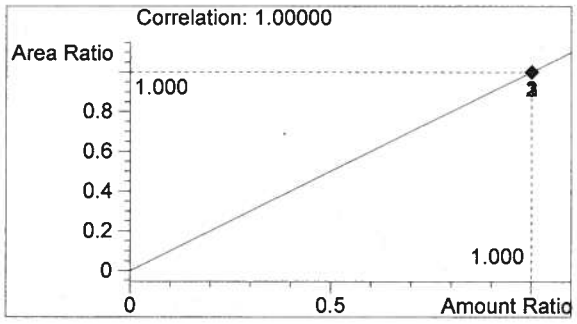


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1381	1.825

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

CJ

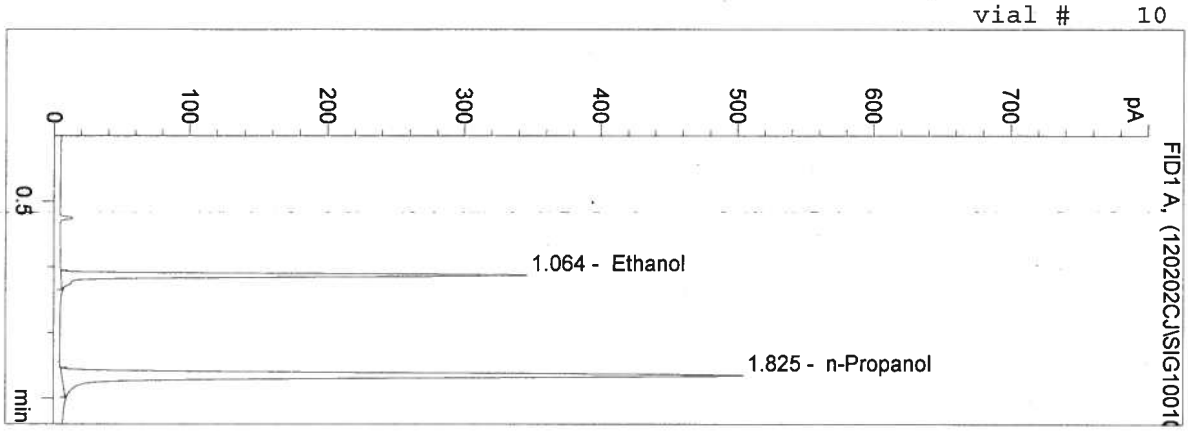
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/2/2012 3:13:42 PM
Instrument 3
DB-ALC2

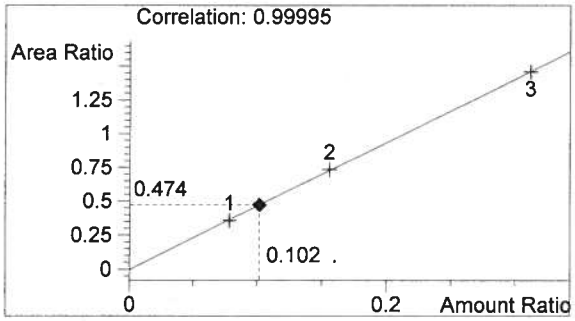
ESS 12006 #1
Chris Johnston

vial # 10

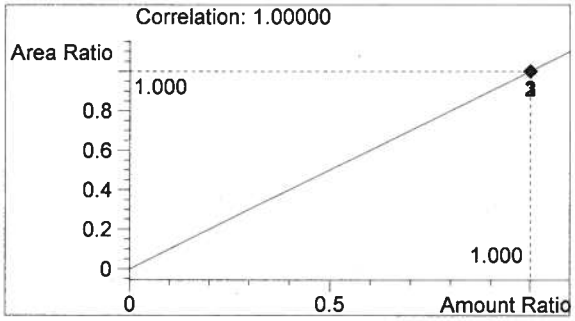


#	Compound	Area	RT
1	Ethanol	652	1.064
2	n-Propanol	1378	1.825

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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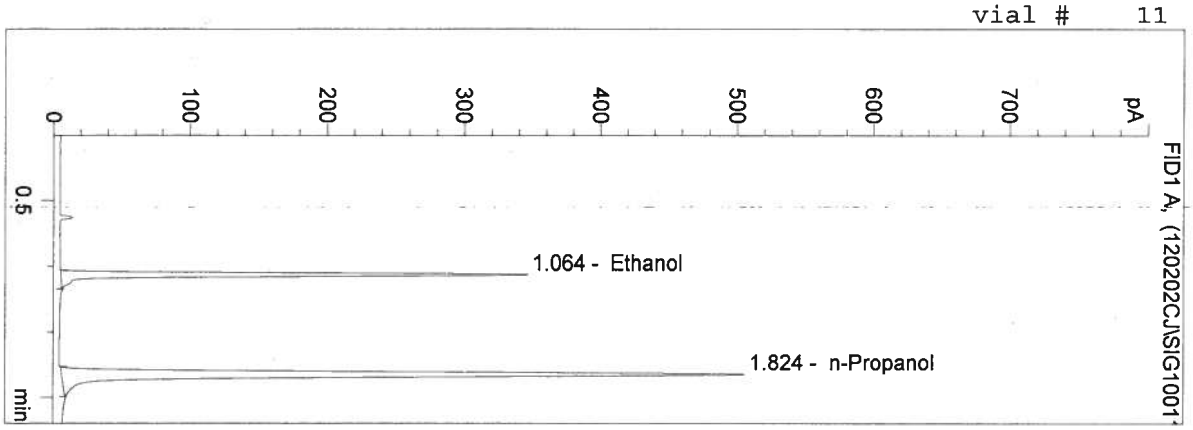
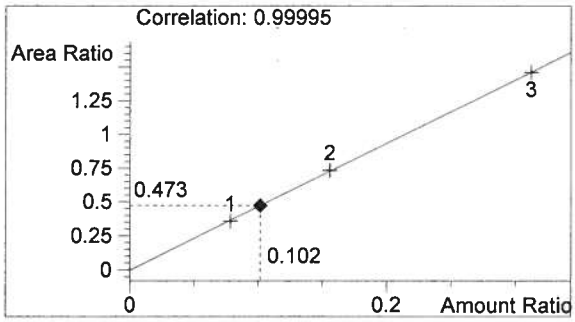
2/2/2012 3:16:49 PM
Instrument 3
DB-ALC2

ESS 12006 #2
Chris Johnston

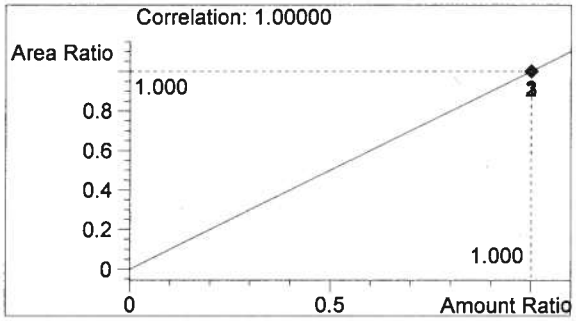
vial # 11



#	Compound	Area	RT
1	Ethanol	655	1.064
2	n-Propanol	1384	1.824
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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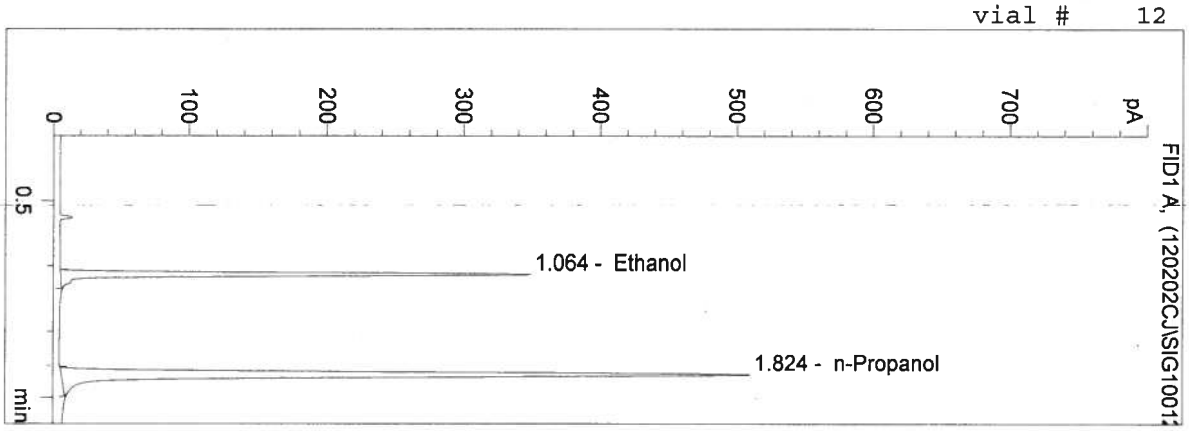
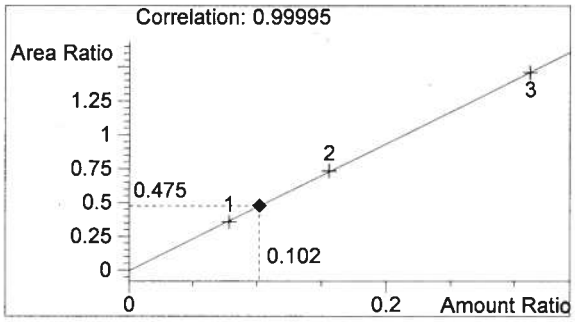
2/2/2012 3:19:57 PM
Instrument 3
DB-ALC2

ESS 12006 #3
Chris Johnston

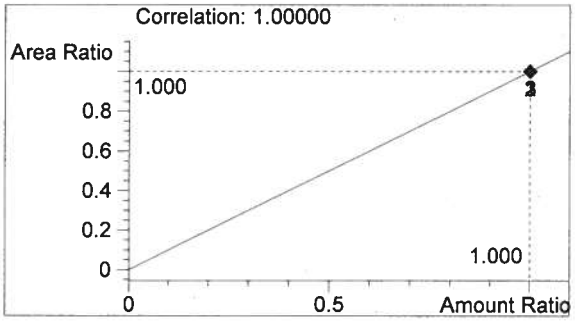
vial # 12



#	Compound	Area	RT
1	Ethanol	661	1.064
2	n-Propanol	1393	1.824
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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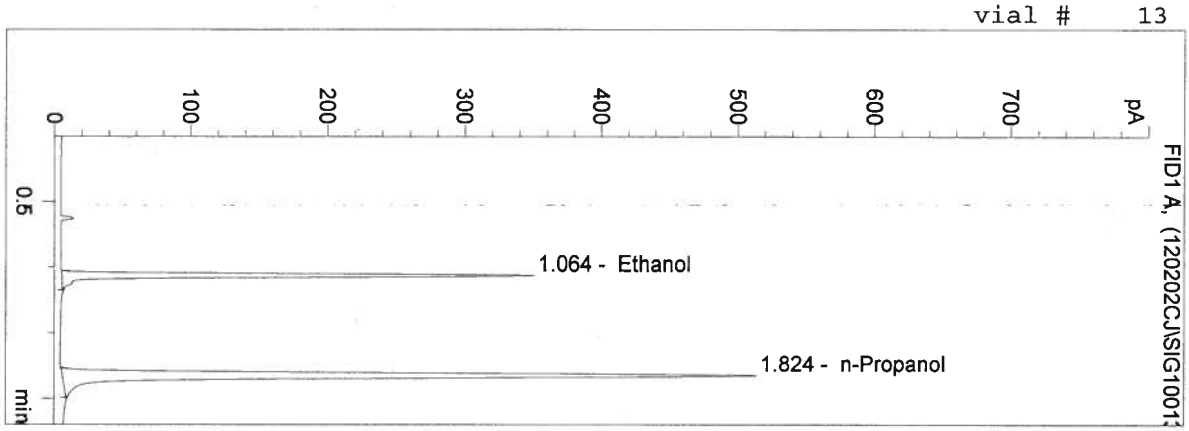
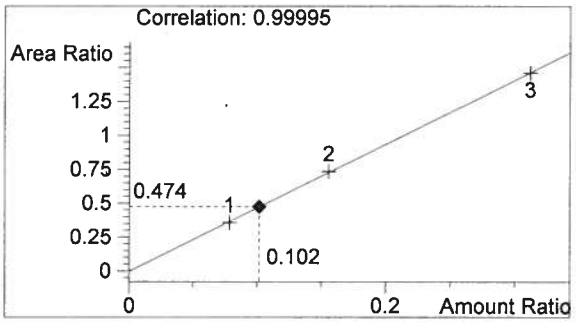
2/2/2012 3:23:04 PM
Instrument 3
DB-ALC2

ESS 12006 #4
Chris Johnston

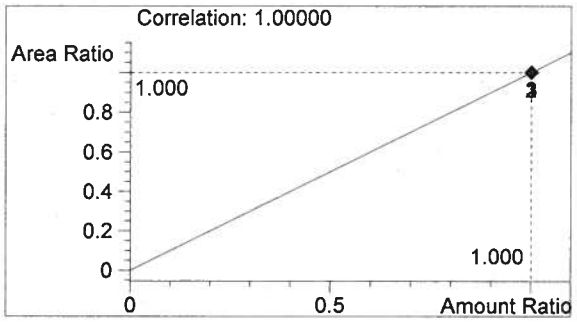
vial # 13



#	Compound	Area	RT
1	Ethanol	664	1.064
2	n-Propanol	1400	1.824
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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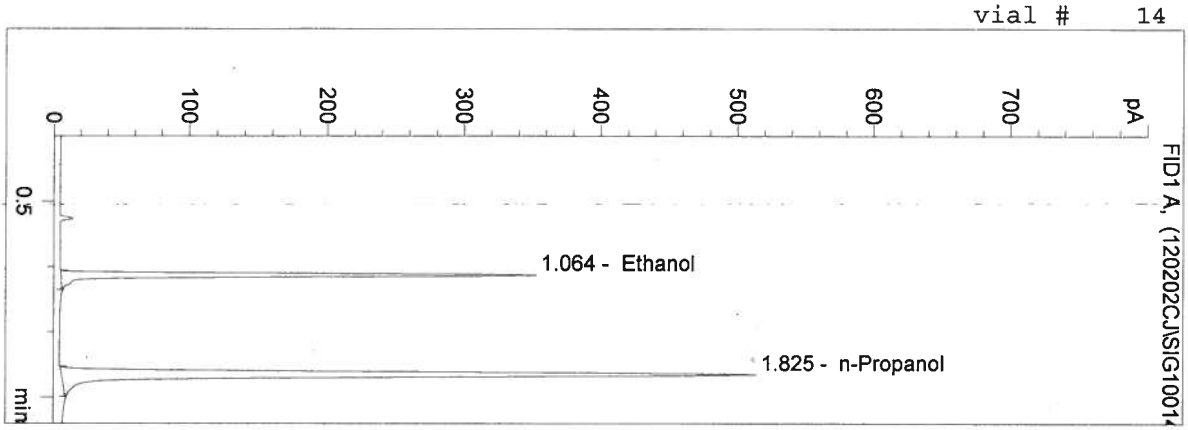
Instrument 3
DB-ALC2

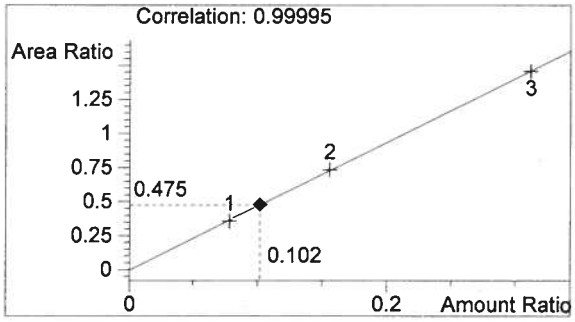
ESS 12006 #5
Chris Johnston

vial # 14

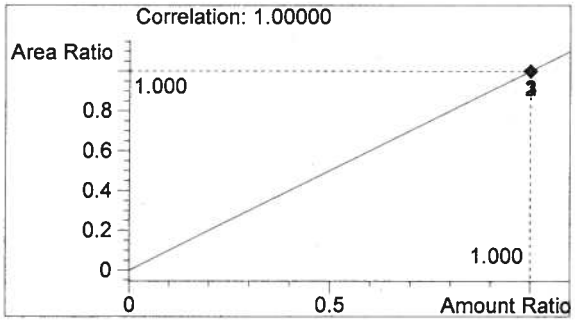


#	Compound	Area	RT
1	Ethanol	667	1.064
2	n-Propanol	1406	1.825

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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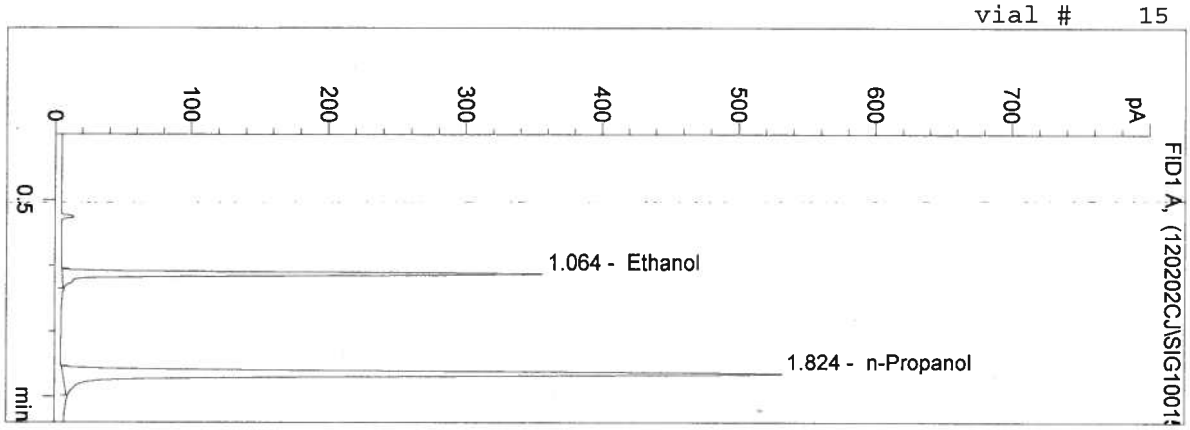
Instrument 3
DB-ALC2

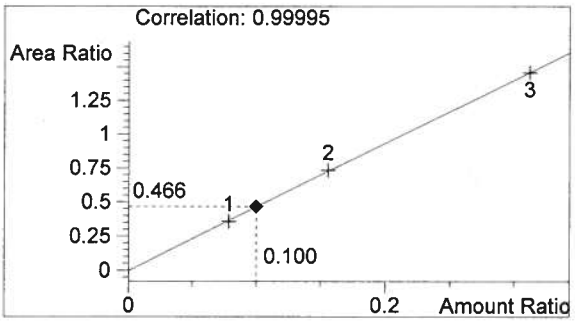
0.10 CTRL-CJ
Chris Johnston

vial # 15

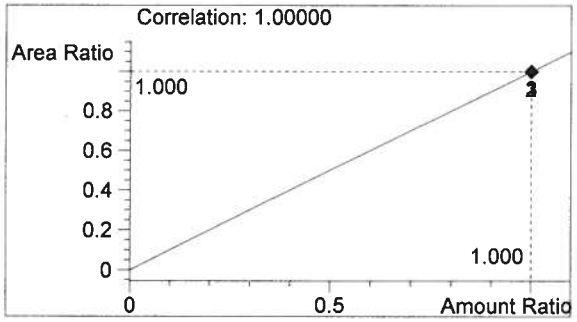


#	Compound	Area	RT
1	Ethanol	678	1.064
2	n-Propanol	1456	1.824

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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12006

WASHINGTON STATE TOXICOLOGY LABORATORY

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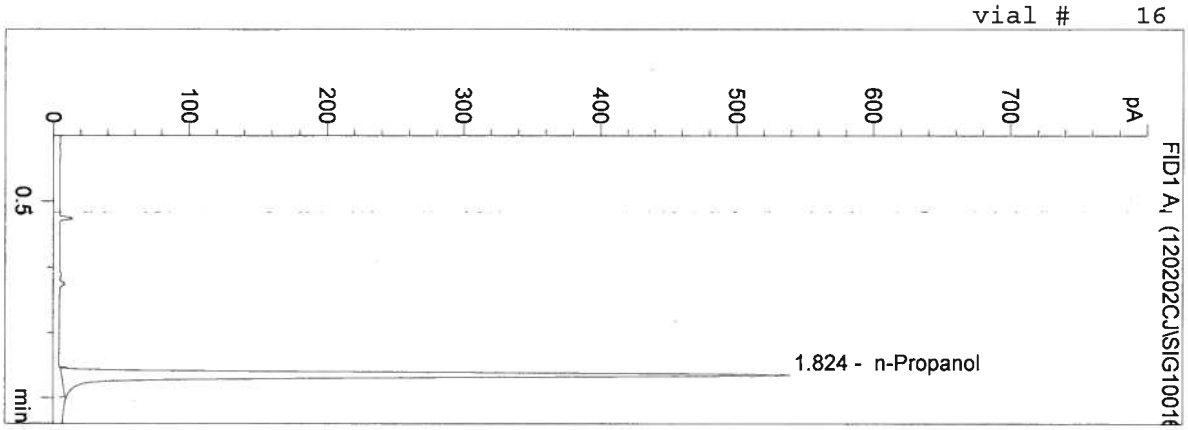
2/2/2012 3:32:26 PM
Instrument 3
DB-ALC2

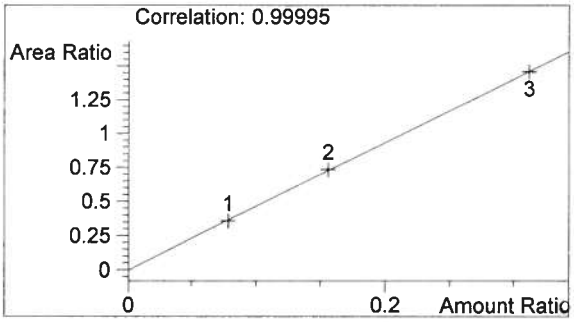
NEG CTRL-CJ
Chris Johnston

vial # 16

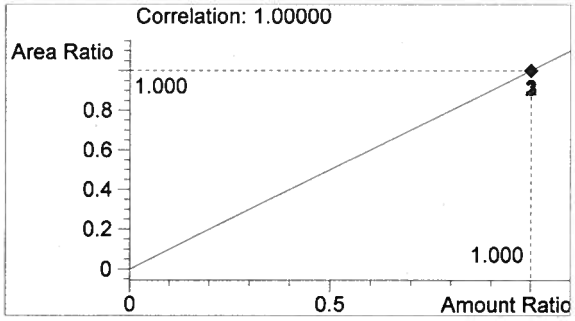


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1477	1.824

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

CJ

12006

Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120203A2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
cal 1 e1111-01 exp 02/10/2012
cal 2 e1111-02 exp 02/10/2012
cal 3 e1111-03 exp 02/10/2012
0.04 control lot# a077459 exp 02/2015
0.10 control lot# a075806 exp 11/2014
0.20 control lot# a076521 exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC3	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC3	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC3	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC3	1	Calib		
5	Vial 5	neg control - al	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC3	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC3	1	Ctrl Samp		
10	Vial 10	12006 #1	SIMALC3	1	Sample		
11	Vial 11	12006 #2	SIMALC3	1	Sample		
12	Vial 12	12006 #3	SIMALC3	1	Sample		
13	Vial 13	12006 #4	SIMALC3	1	Sample		
14	Vial 14	12006 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC3	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC3	1	Ctrl Samp		

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2012 FEB 06

12006

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2012 FEB 09

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 cal 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 cal 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 cal 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

A
2012 FEB06

A
2012 FEB09

12006

Calibration Table

Calib. Data Modified : Friday, February 03, 2012 4:18:34 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.065	1	1	7.86300e-2	547.84692	1.43525e-4	-	1	Ethanol
		2	1.55890e-1	1023.97626	1.52240e-4	-		
		3	3.12180e-1	2026.69934	1.54034e-4	✓		
1.825	1	1	1.00000	1460.25659	6.84811e-4	✓	I1	n-Propanol
		2	1.00000	1398.24426	7.15183e-4	✓		
		3	1.00000	1383.44519	7.22833e-4	✓		

Peak Sum Table

No Entries in table

12006

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2012FEB09

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Calibration Curves

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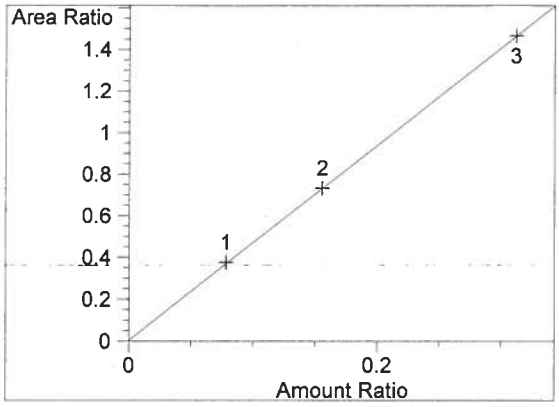
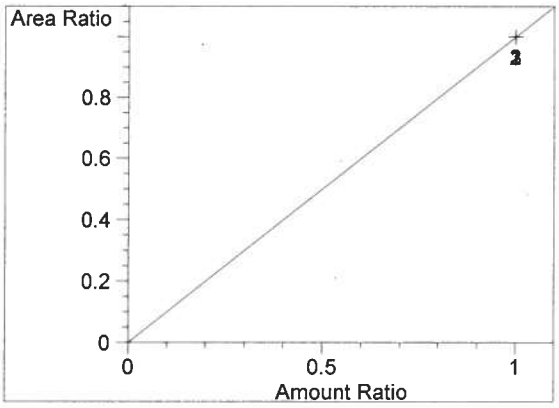


Ethanol at exp. RT: 1.065
FID1 A,
Correlation: 0.99999
Residual Std. Dev.: 0.00350
Formula: y = mx + b
m: 4.68623
b: 2.62594e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.825
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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12006

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2012 FEB 06

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2012 FEB 09

WASHINGTON STATE TOXICOLOGY LABORATORY

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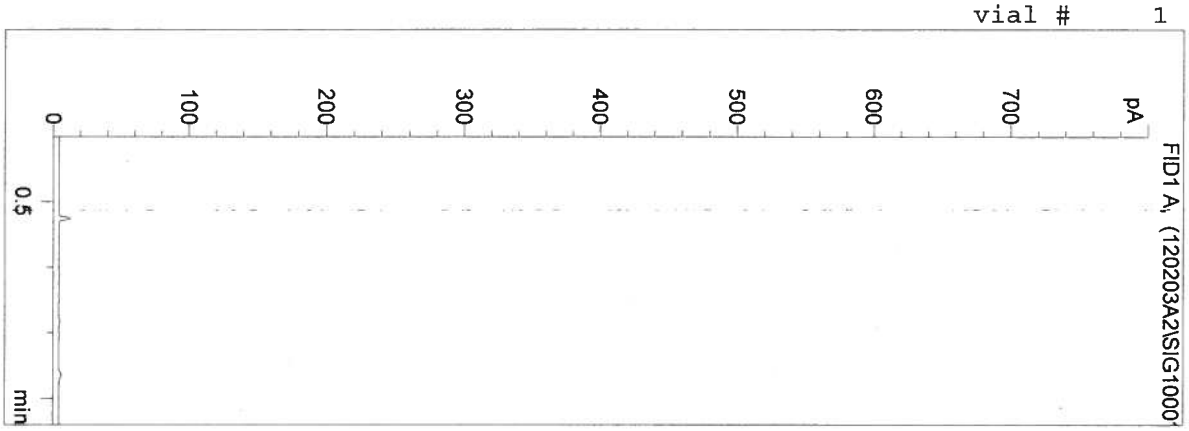
Instrument 3
DB-ALC2

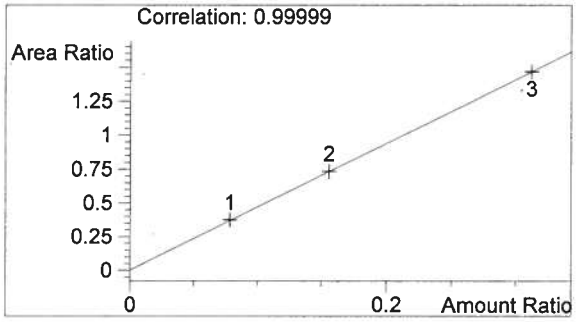
blank
asa louis

vial # 1

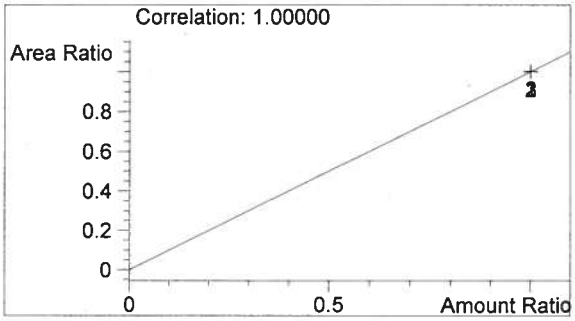


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

Totals:



Ethanol 0.000 g/100ml



n-Propanol 0.000 g/100ml

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2012 FEB 09

WASHINGTON STATE TOXICOLOGY LABORATORY

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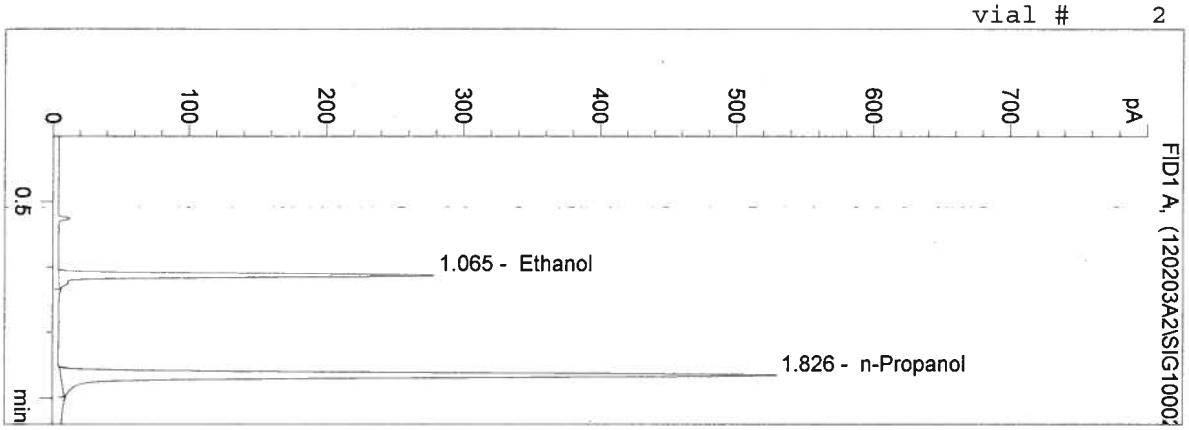
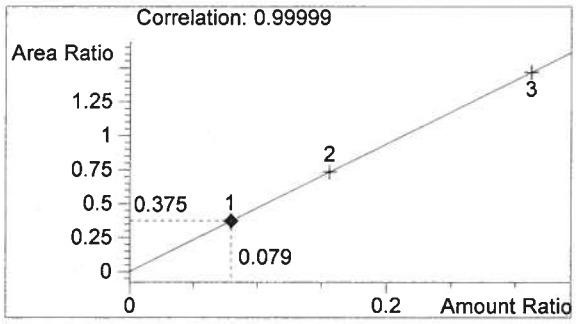
Instrument 3
DB-ALC2

0.079 cal 1
asa louis

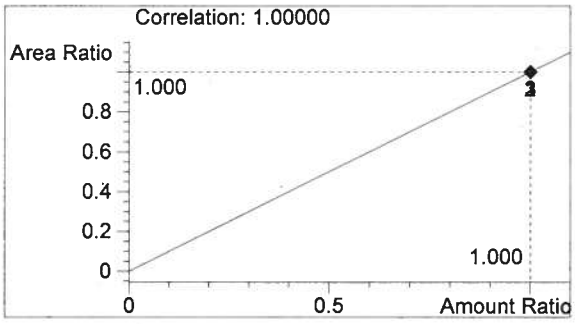
vial # 2



#	Compound	Area	RT
1	Ethanol	548	1.065
2	n-Propanol	1460	1.826
Totals:			



Ethanol 0.079 g/100ml



n-Propanol 1.000 g/100ml

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2012 FEB 09

WASHINGTON STATE TOXICOLOGY LABORATORY

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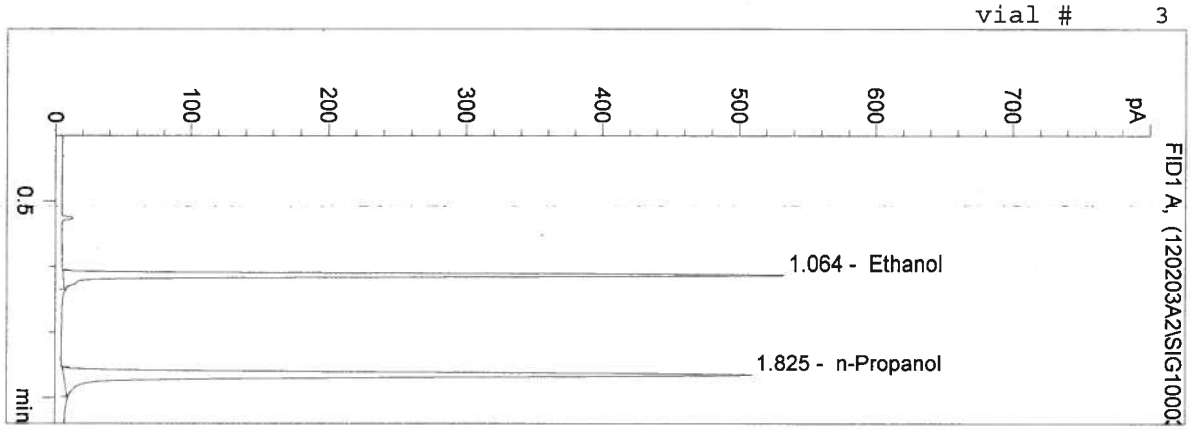
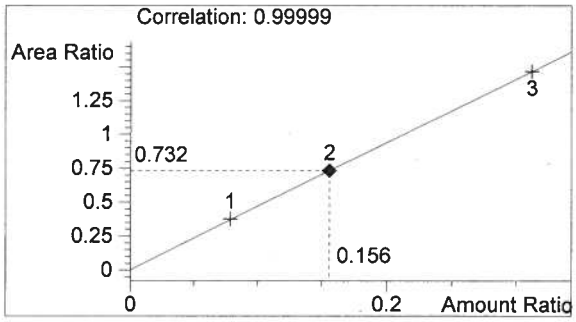
2/3/2012 4:13:14 PM
Instrument 3
DB-ALC2

0.158 cal 2
asa louis

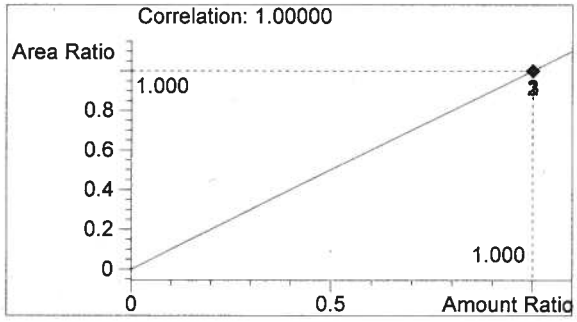
vial # 3



#	Compound	Area	RT
1	Ethanol	1024	1.064
2	n-Propanol	1398	1.825
Totals:			



Ethanol 0.156 g/100ml



n-Propanol 1.000 g/100ml

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2012 FEB 09
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WASHINGTON STATE TOXICOLOGY LABORATORY

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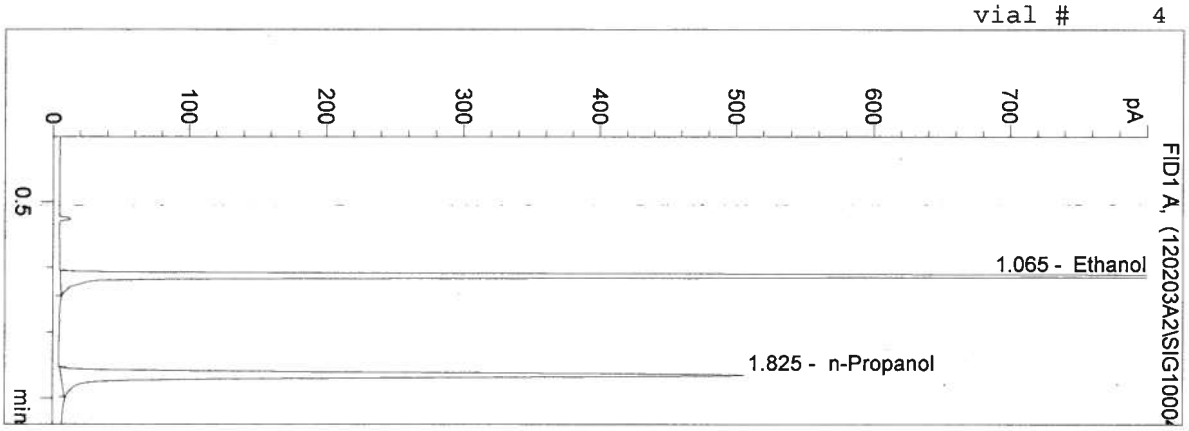
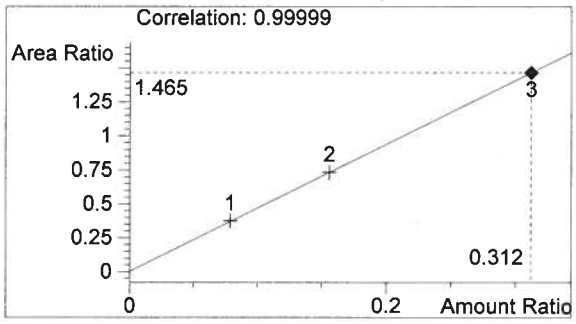
2/3/2012 4:16:22 PM
Instrument 3
DB-ALC2

0.316 cal 3
asa louis

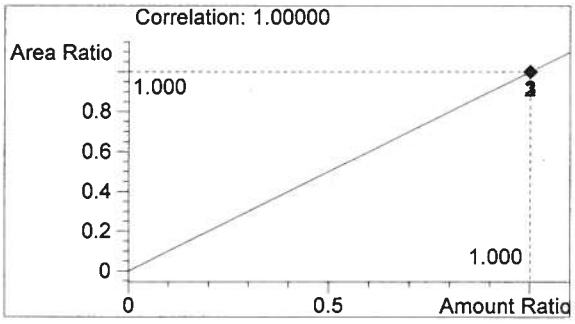
vial # 4



#	Compound	Area	RT
1	Ethanol	2027	1.065
2	n-Propanol	1383	1.825
Totals:			



Ethanol 0.312 g/100ml



n-Propanol 1.000 g/100ml

AC
2125-8806
AC
2012B0859

12006

WASHINGTON STATE TOXICOLOGY LABORATORY

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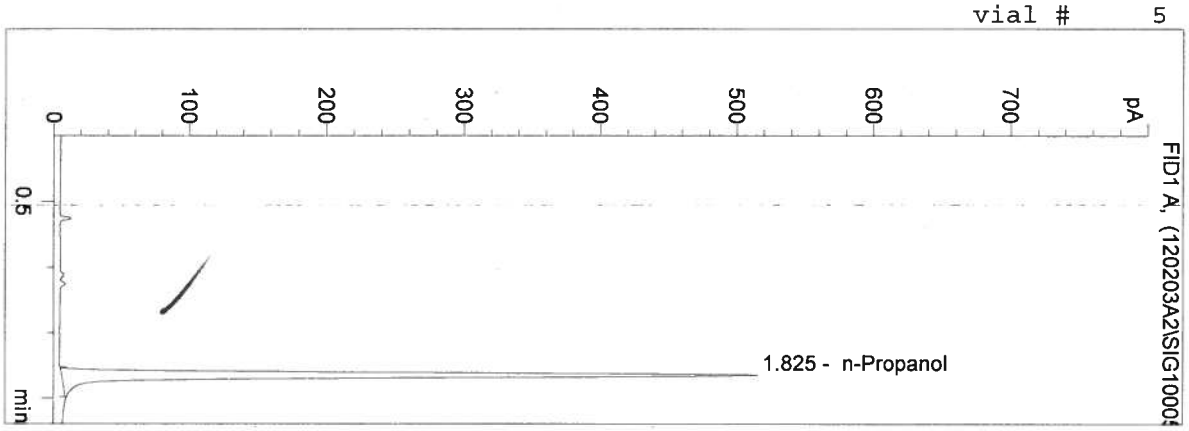
2/3/2012 4:19:29 PM
Instrument 3
DB-ALC2

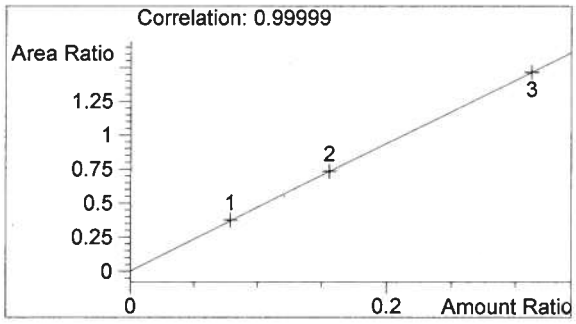
neg control - al
asa louis

vial # 5

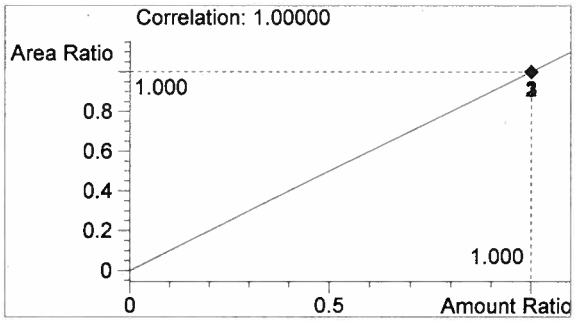


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1421	1.825

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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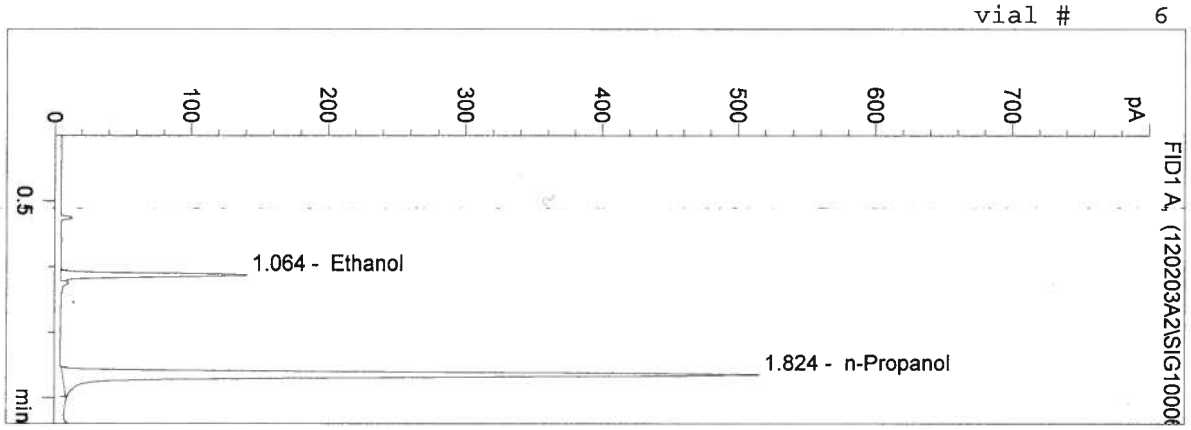
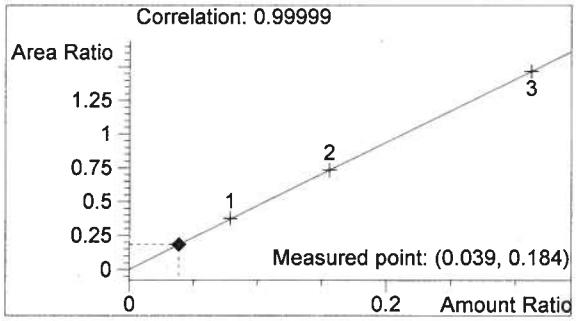
Instrument 3
DB-ALC2

0.04 ctrl al
asa louis

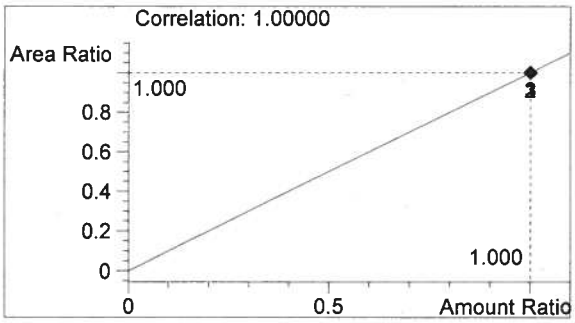
vial # 6



#	Compound	Area	RT
1	Ethanol	260	1.064
2	n-Propanol	1416	1.824
Totals:			



Ethanol 0.039 g/100ml



n-Propanol 1.000 g/100ml

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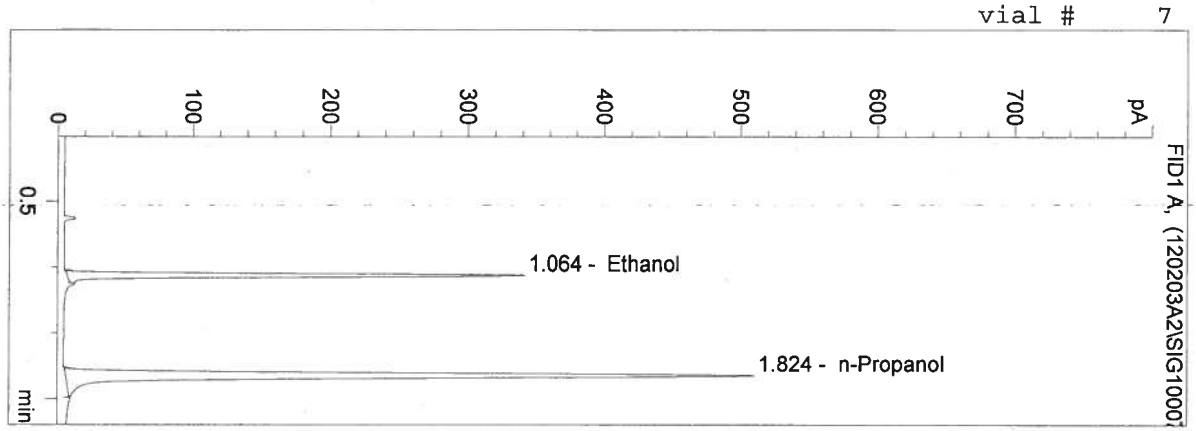
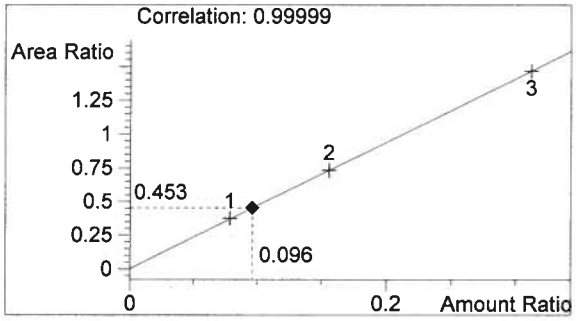
Instrument 3
DB-ALC2

0.10 ctrl al
asa louis

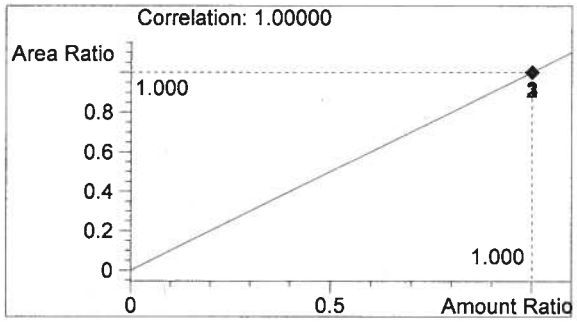
vial # 7



#	Compound	Area	RT
1	Ethanol	637	1.064
2	n-Propanol	1404	1.824
Totals:			



Ethanol 0.096 g/100ml



n-Propanol 1.000 g/100ml

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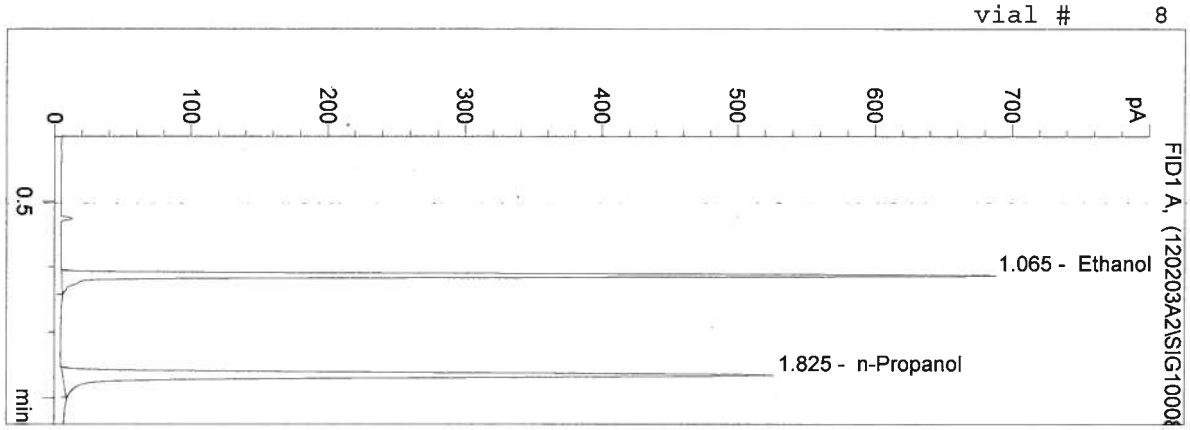
Instrument 3
DB-ALC2

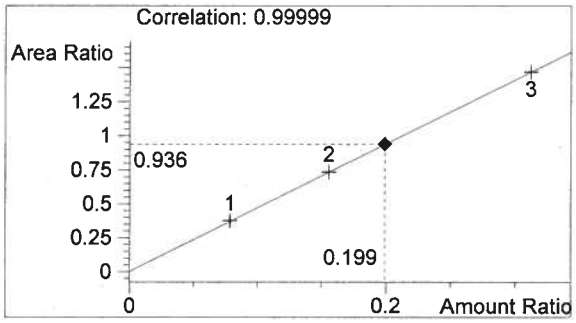
0.20 ctrl al
asa louis

vial # 8

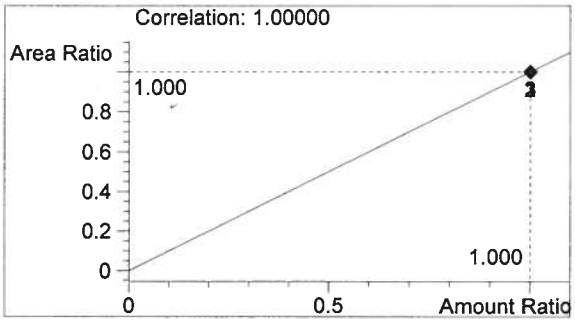


#	Compound	Area	RT
1	Ethanol	1357	1.065
2	n-Propanol	1450	1.825

Totals:



Ethanol 0.199 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 3
DB-ALC2

neg control - al
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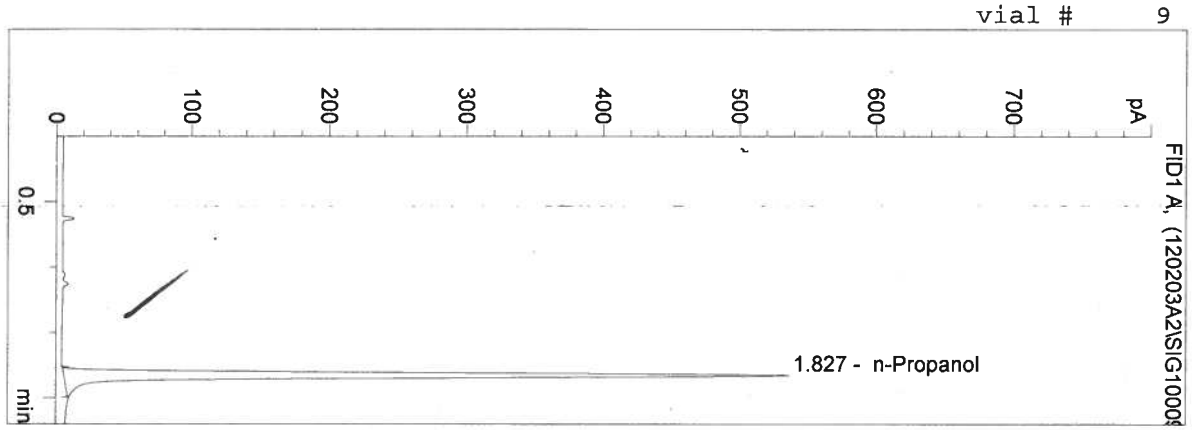
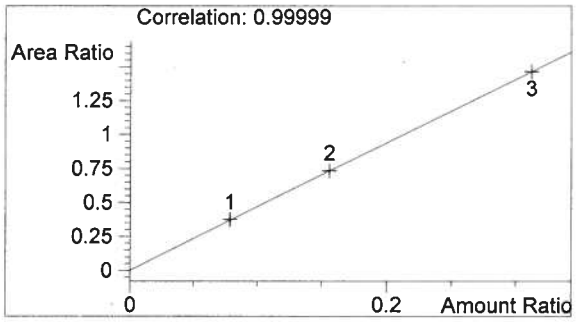
vial # 9

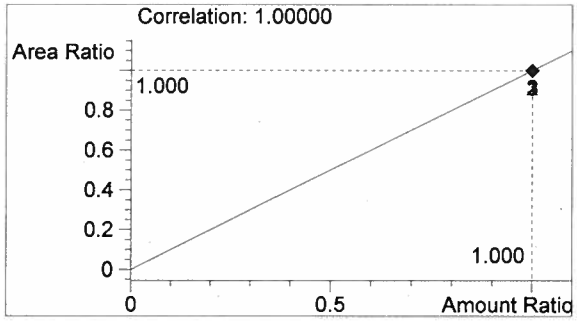


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1480	1.827

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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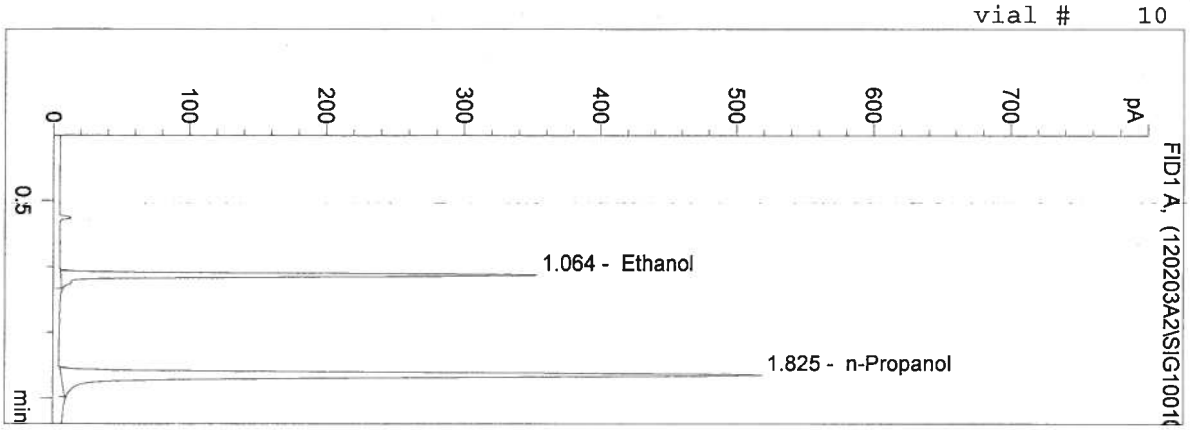
Instrument 3
DB-ALC2

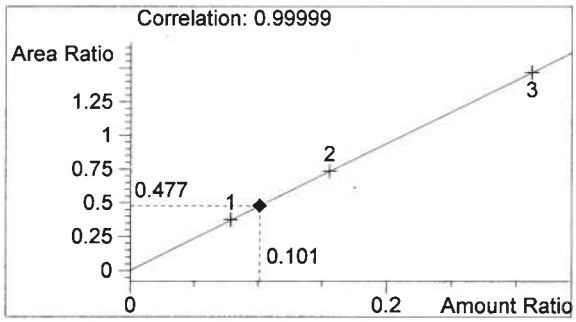
12006 #1
asa louis

vial # 10

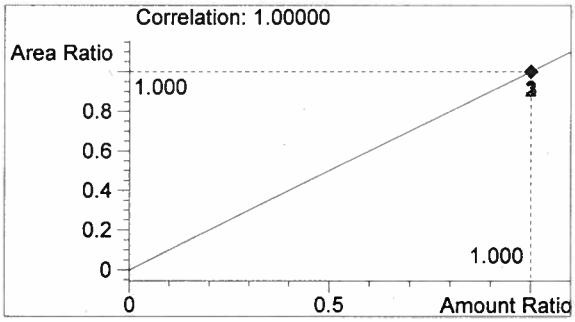


#	Compound	Area	RT
1	Ethanol	682	1.064
2	n-Propanol	1430	1.825

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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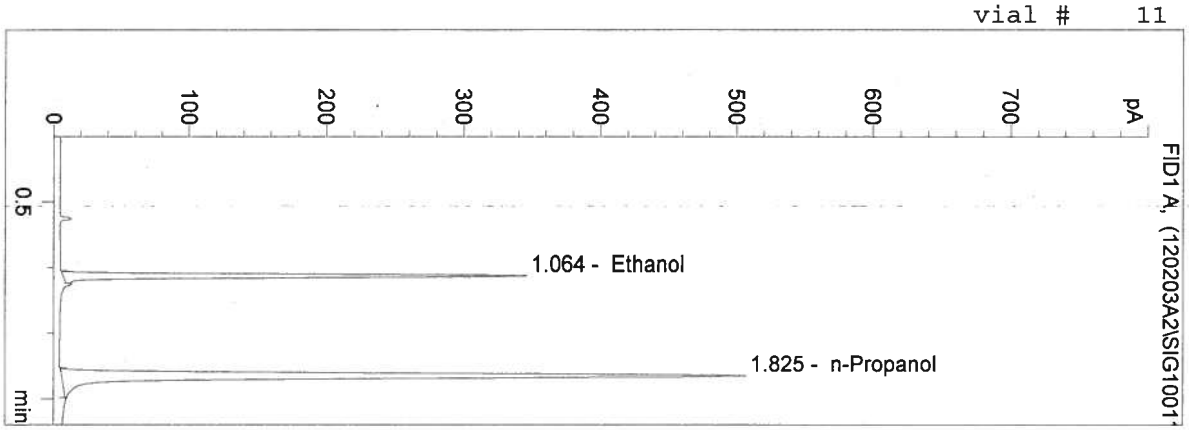
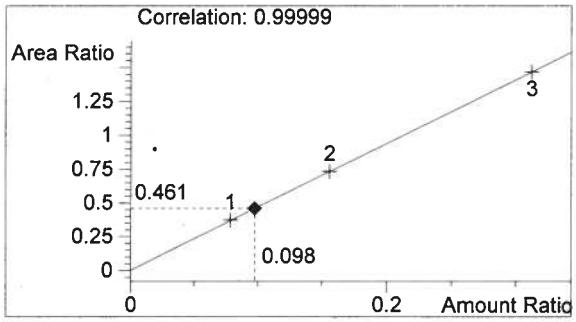
Instrument 3
DB-ALC2

12006 #2
asa louis

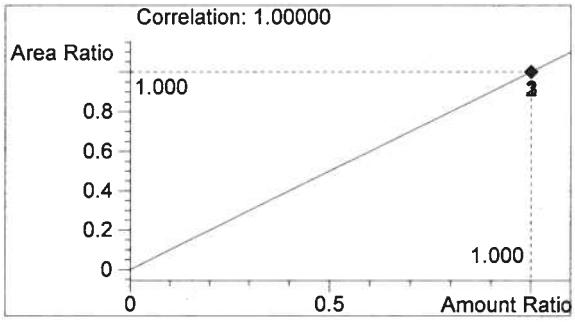
vial # 11



#	Compound	Area	RT
1	Ethanol	640	1.064
2	n-Propanol	1389	1.825
Totals:			



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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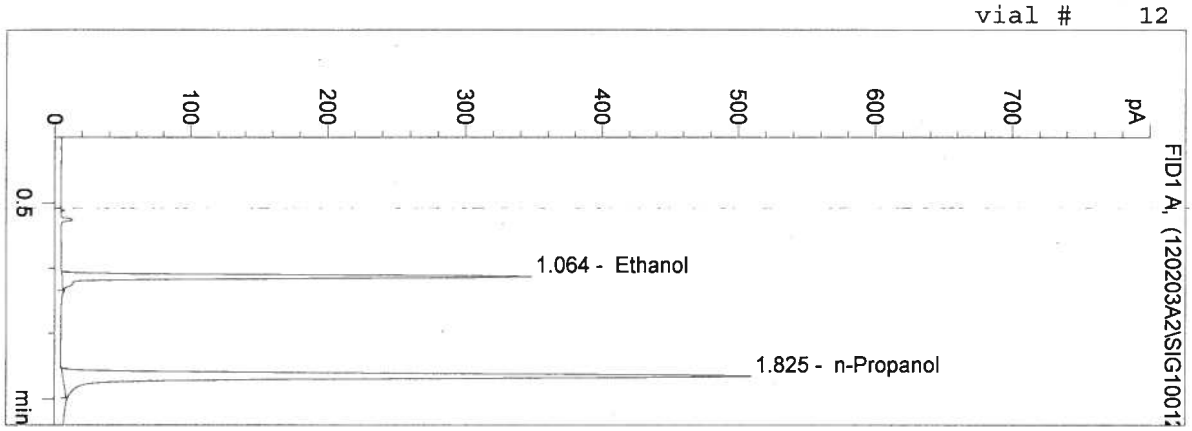
Instrument 3
DB-ALC2

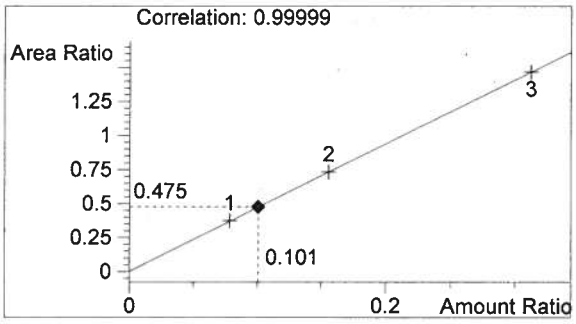
12006 #3
asa louis

vial # 12

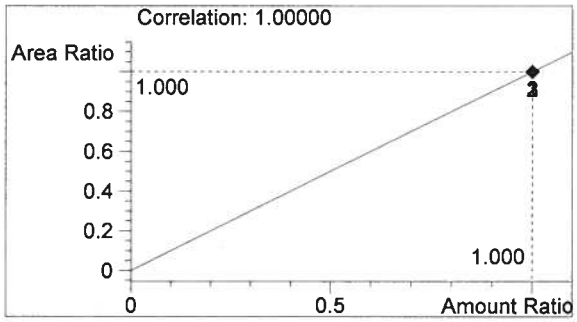


#	Compound	Area	RT
1	Ethanol	663	1.064
2	n-Propanol	1396	1.825

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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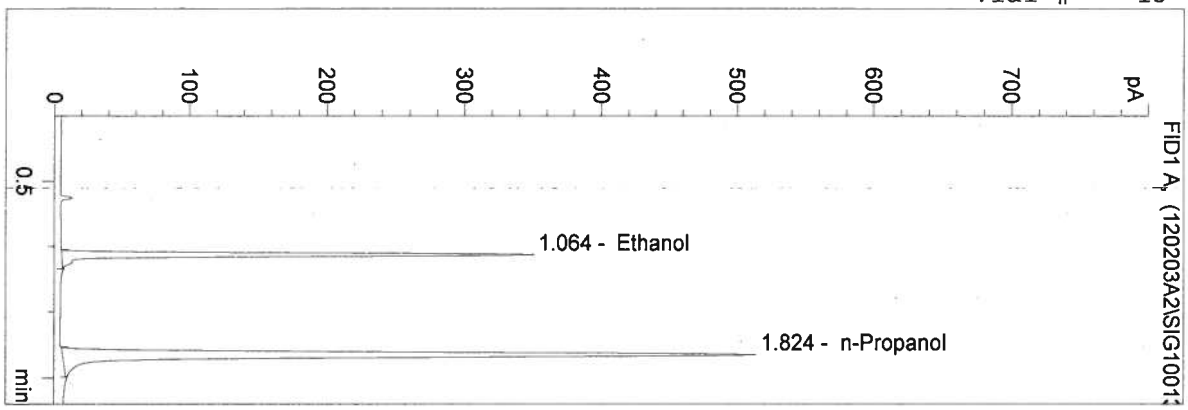
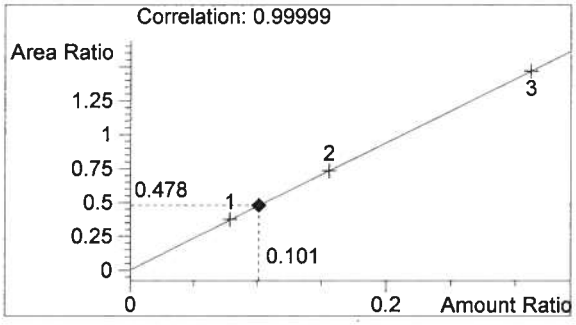
Instrument 3
DB-ALC2

12006 #4
asa louis

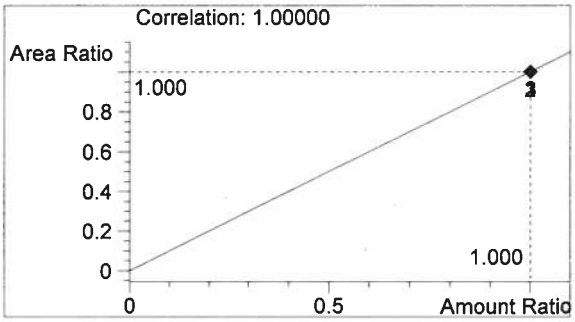
vial # 13



#	Compound	Area	RT
1	Ethanol	673	1.064
2	n-Propanol	1410	1.824
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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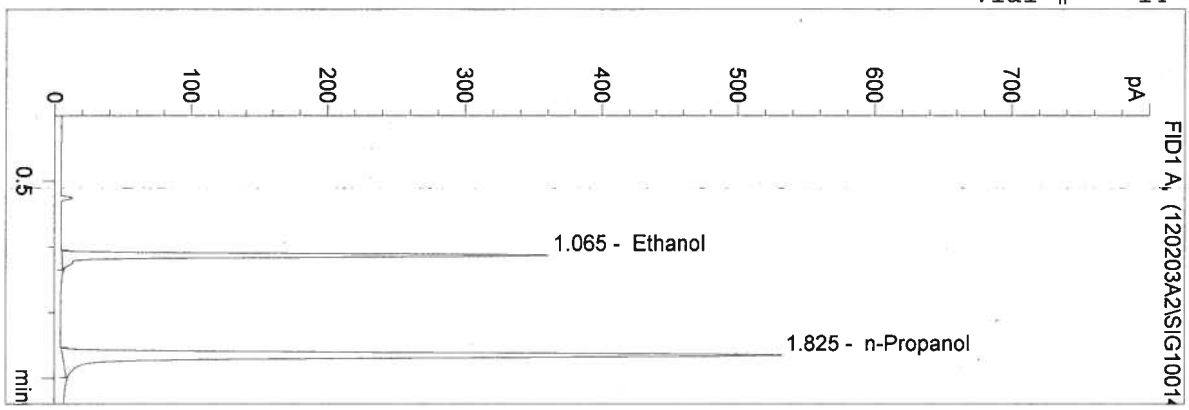
Instrument 3
DB-ALC2

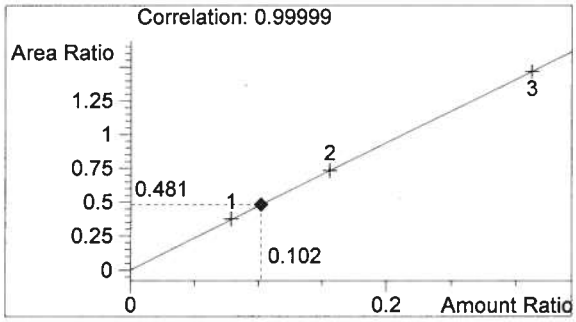
12006 #5
asa louis

vial # 14

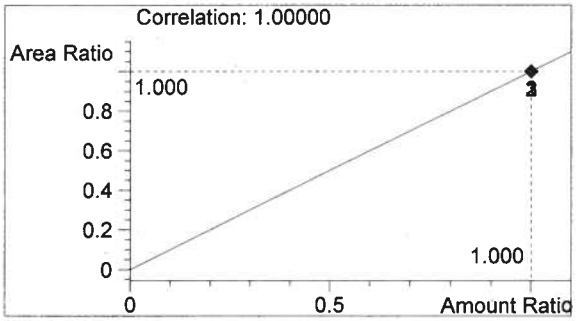


#	Compound	Area	RT
1	Ethanol	704	1.065
2	n-Propanol	1465	1.825

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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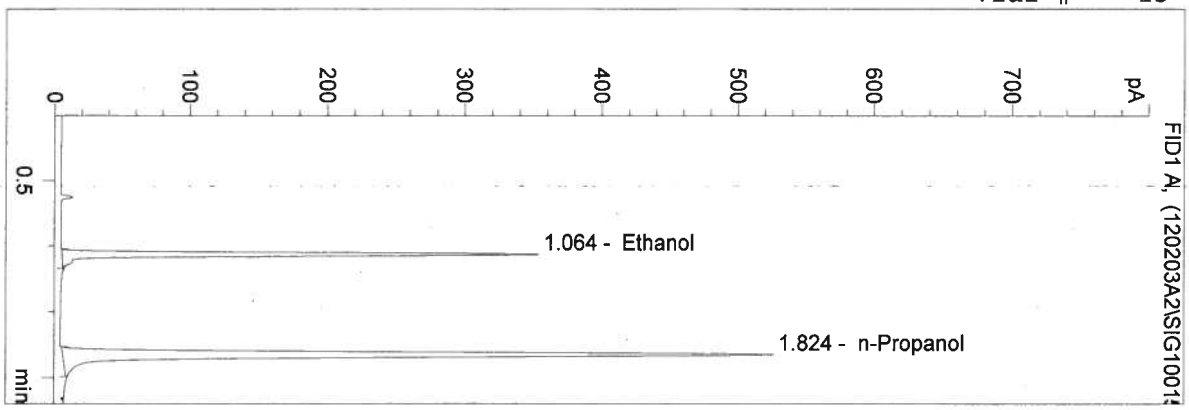
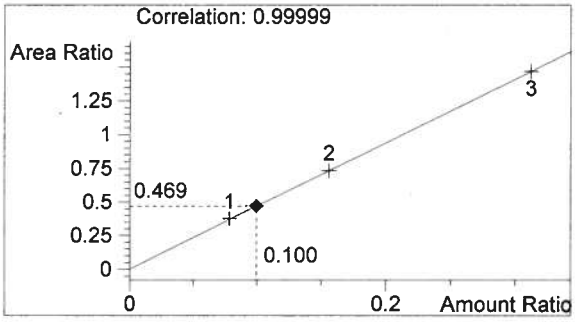
Instrument 3
DB-ALC2

0.10 ctrl al
asa louis

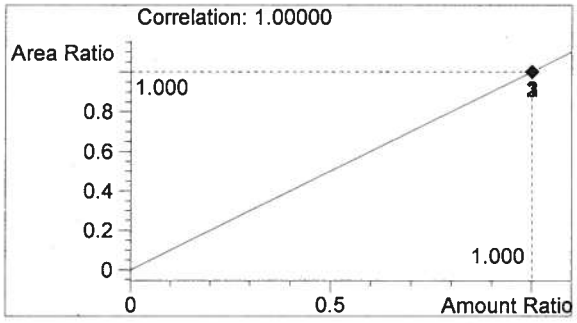
vial # 15



#	Compound	Area	RT
1	Ethanol	676	1.064
2	n-Propanol	1440	1.824
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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Instrument 3
DB-ALC2

neg control - al
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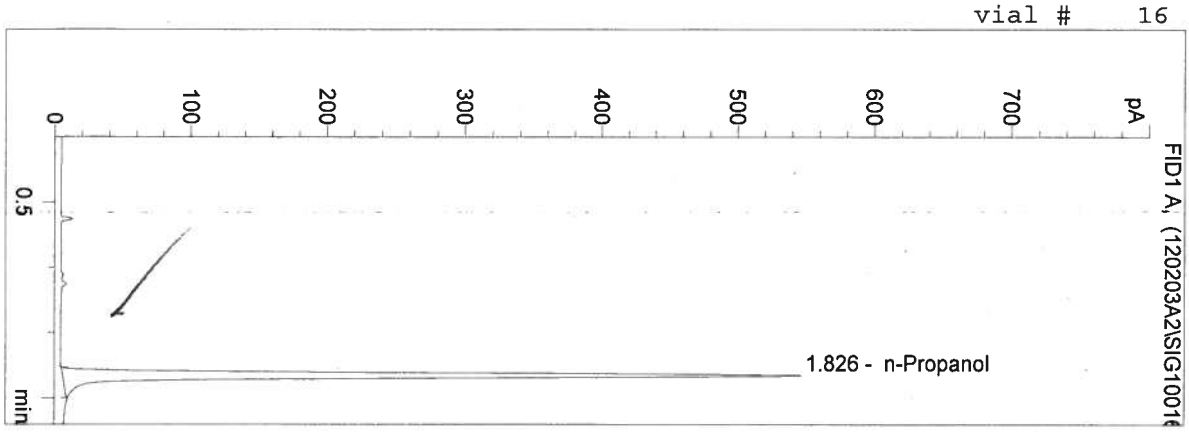
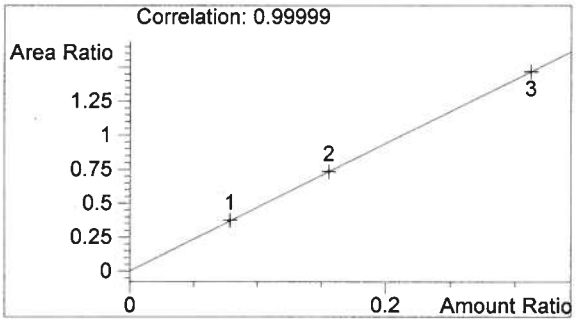
vial # 16

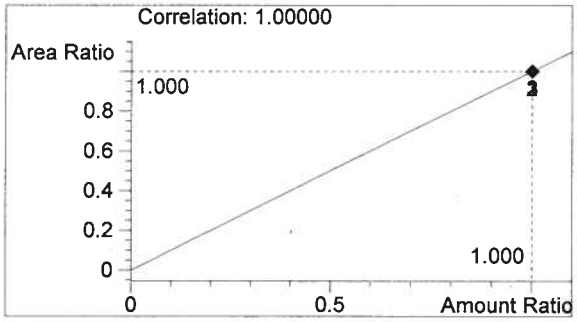


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1505	1.826

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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2012 FSB09

Sequence Parameters:

Operator:	Brittany Ball
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120203BB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # ~~A075264 - exp 10/2014~~ BB # A077459 exp 2/2015
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot#E1111-01 EXP 2/10/12
3	Vial 3	Lot#E1111-02 EXP 2/10/12
4	Vial 4	Lot#E1111-03 EXP 2/10/12
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	
15	Vial 15	
16	Vial 16	

BB

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Sequence: C:\HPCHEM\2\SEQUENCE\BBSIM3.S

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-BB	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG Ctrl-BB	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 Ctrl-BB	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 Ctrl-BB	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 Ctrl-BB	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG Ctrl-BB	SIMALC3	1	Ctrl Samp		
10	Vial 10	12006 #1-BB	SIMALC3	1	Sample		
11	Vial 11	12006 #2-BB	SIMALC3	1	Sample		
12	Vial 12	12006 #3-BB	SIMALC3	1	Sample		
13	Vial 13	12006 #4-BB	SIMALC3	1	Sample		
14	Vial 14	12006 #5-BB	SIMALC3	1	Sample		
15	Vial 15	0.10 Ctrl-BB	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG Ctrl-BB	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

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Calibration Table

Calib. Data Modified : Friday, February 03, 2012 1:27:23 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.066	1	1	7.86300e-2	526.30420	1.49400e-4	1		Ethanol
		2	1.55890e-1	1128.28174	1.38166e-4			
		3	3.12180e-1	2199.08252	1.41959e-4			
1.826	1	1	1.00000	1424.68372	7.01910e-4	I1		n-Propanol
		2	1.00000	1508.07544	6.63097e-4			
		3	1.00000	1476.45251	6.77299e-4			

Peak Sum Table

No Entries in table

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Calibration Curves

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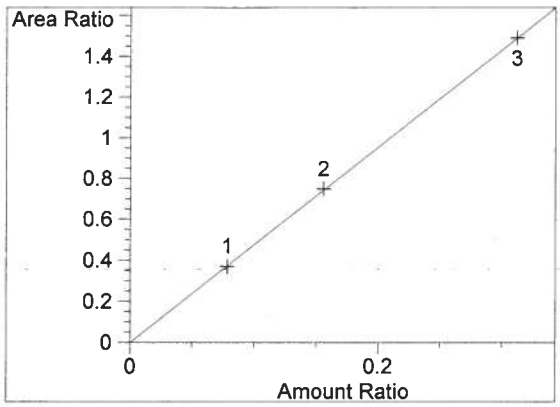
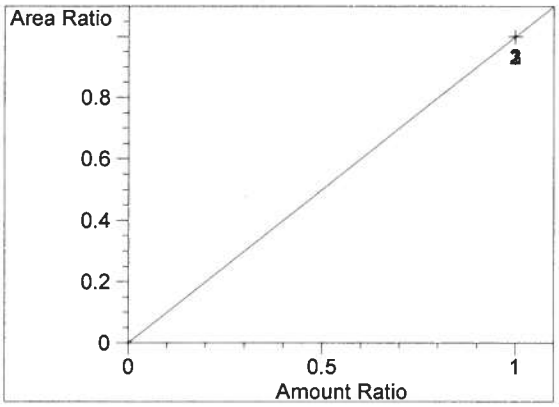


Ethanol at exp. RT: 1.066
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00492
Formula: y = mx + b
m: 4.77892
b: -1.40538e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.826
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

BB

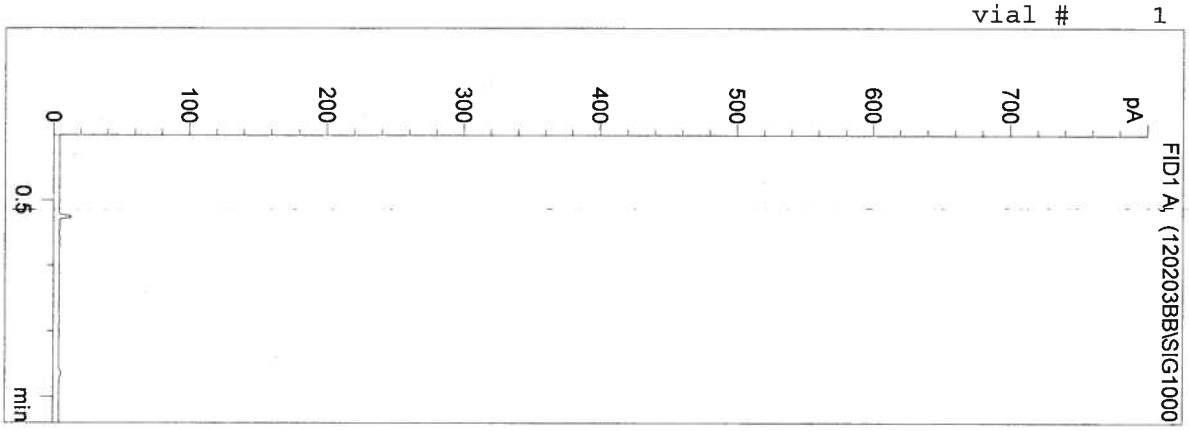
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/3/2012 1:15:51 PM
Instrument 3
DB-ALC2

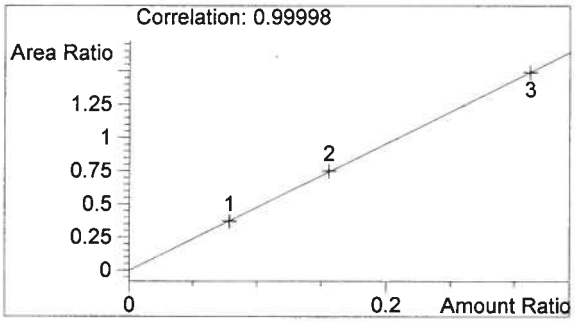
BLANK-BB
Brittany Ball

vial # 1

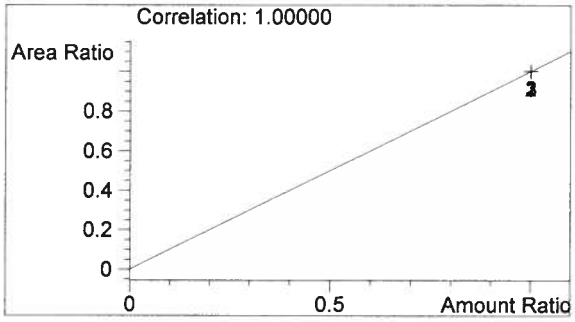


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

Totals:



Ethanol 0.000 g/100ml



n-Propanol 0.000 g/100ml

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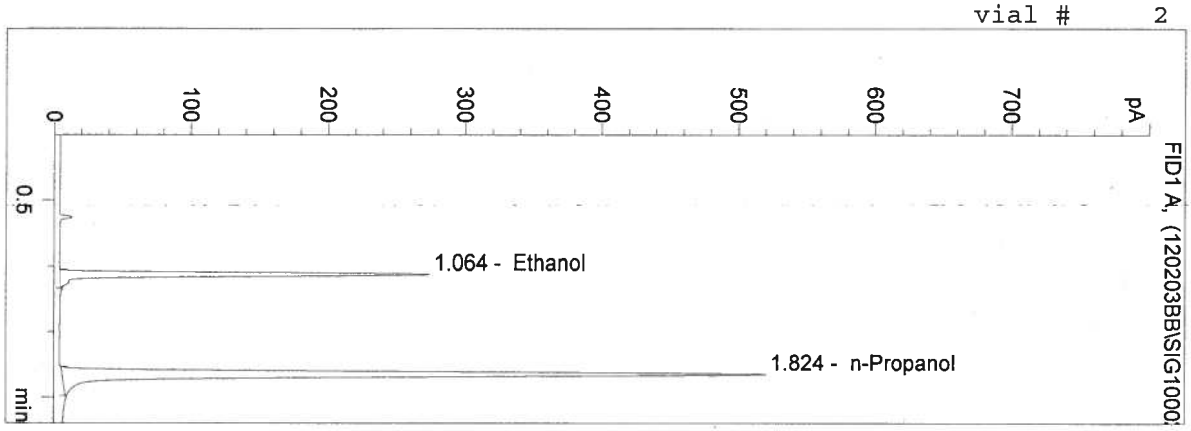
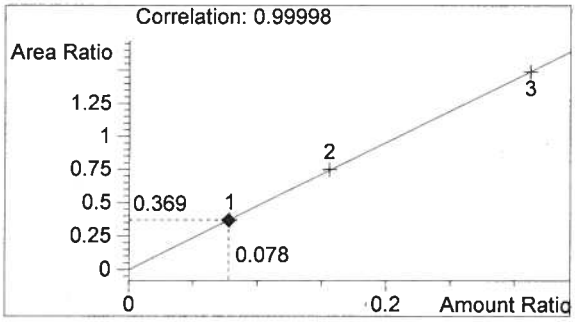
2/3/2012 1:18:56 PM
Instrument 3
DB-ALC2

0.079 CAL 1
Brittany Ball

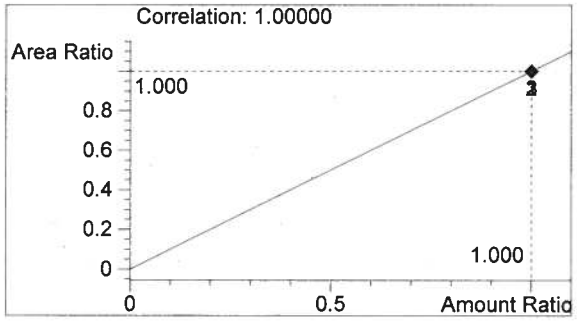
vial # 2



#	Compound	Area	RT
1	Ethanol	526	1.064
2	n-Propanol	1425	1.824
Totals:			



Ethanol 0.078 g/100ml



n-Propanol 1.000 g/100ml

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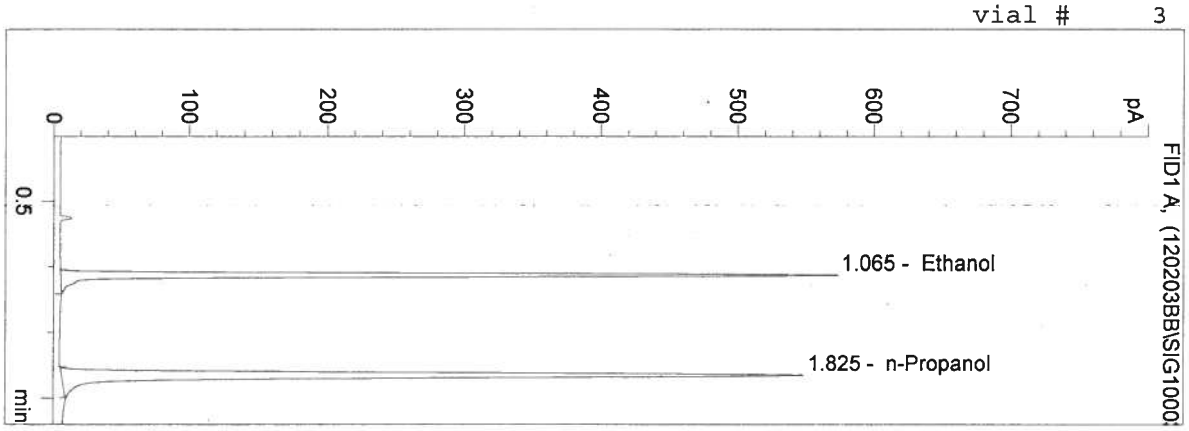
Instrument 3
DB-ALC2

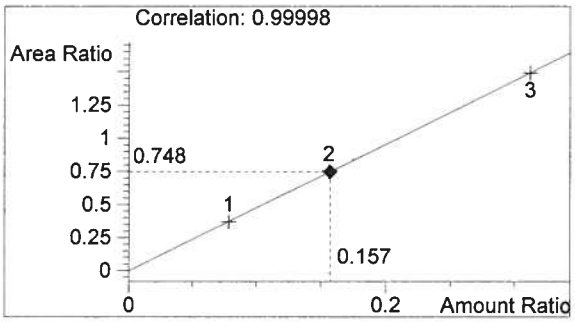
0.158 CAL 2
Brittany Ball

vial # 3

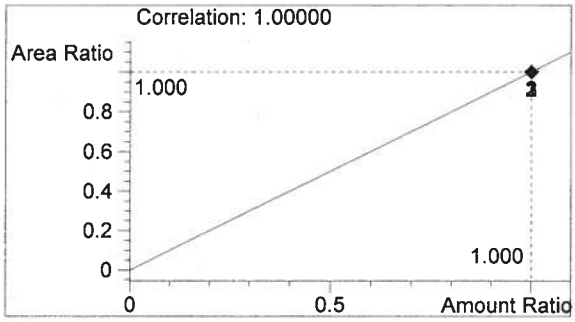


#	Compound	Area	RT
1	Ethanol	1128	1.065
2	n-Propanol	1508	1.825

Totals:



Ethanol 0.157 g/100ml



n-Propanol 1.000 g/100ml

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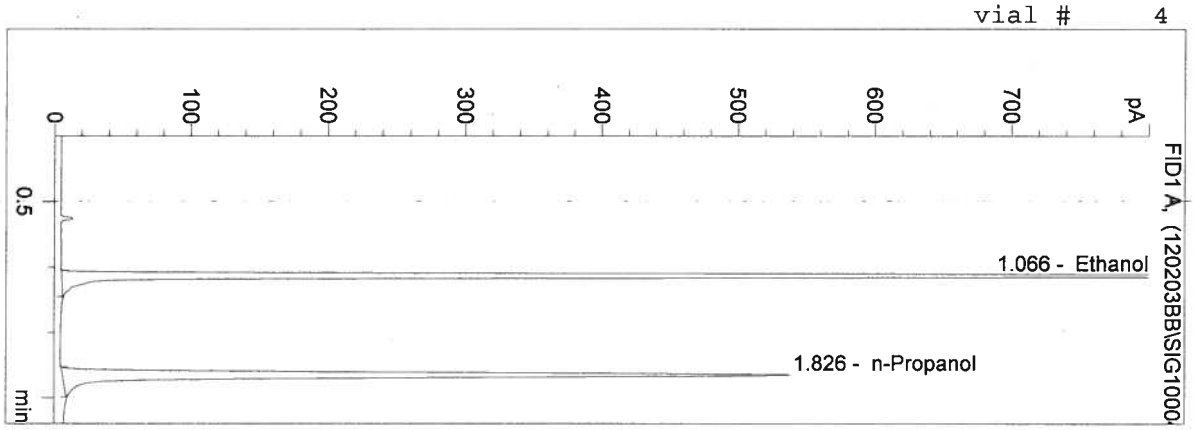
Instrument 3
DB-ALC2

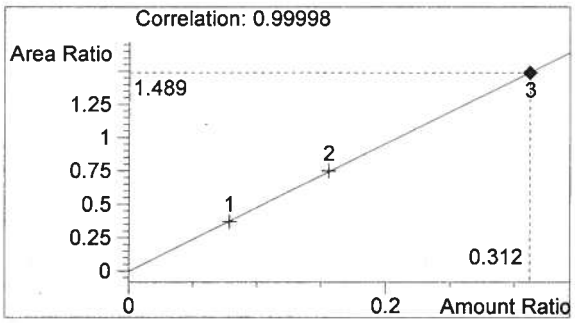
0.316 CAL 3
Brittany Ball

vial # 4

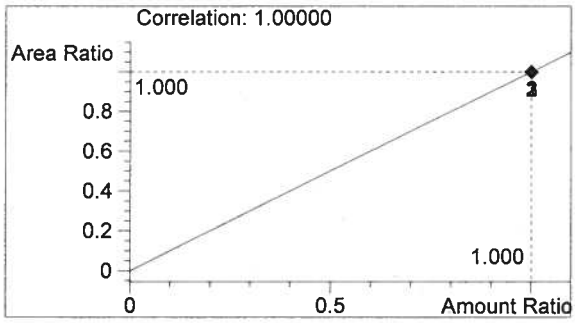


#	Compound	Area	RT
1	Ethanol	2199	1.066
2	n-Propanol	1476	1.826

Totals:



Ethanol 0.312 g/100ml



n-Propanol 1.000 g/100ml

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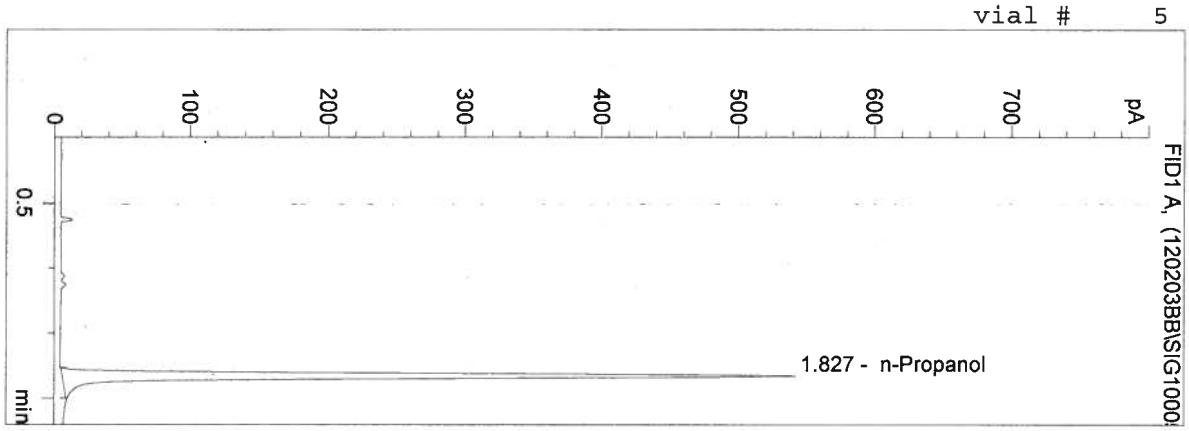
Instrument 3
DB-ALC2

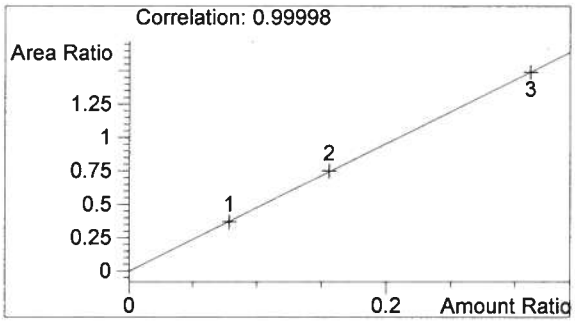
NEG Ctrl-BB
Brittany Ball

vial # 5

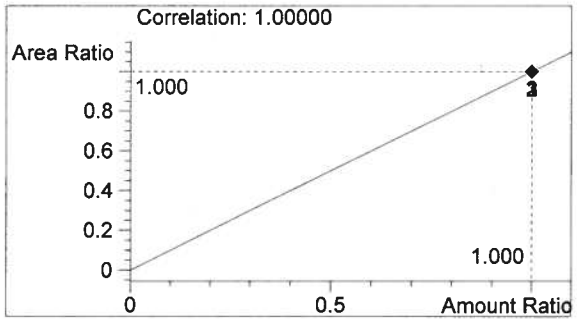


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1494	1.827

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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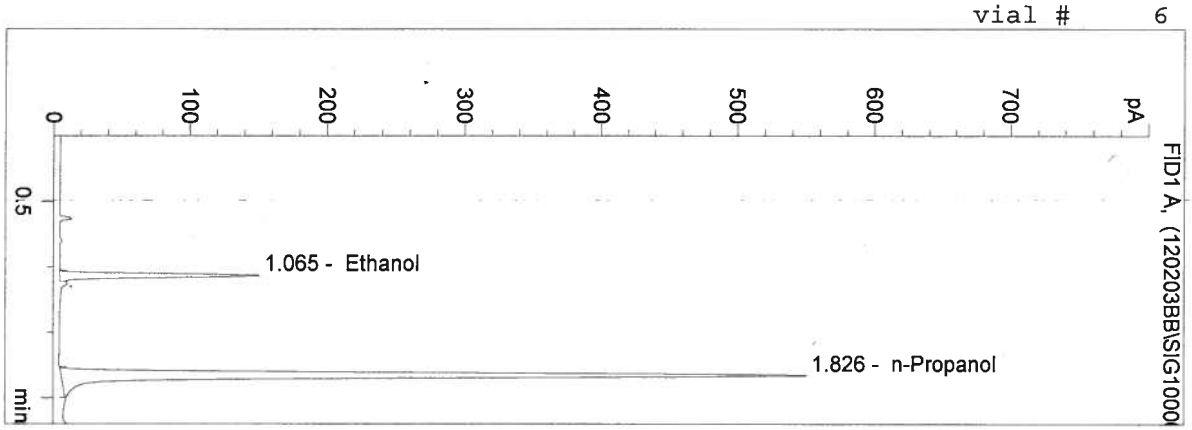
Instrument 3
DB-ALC2

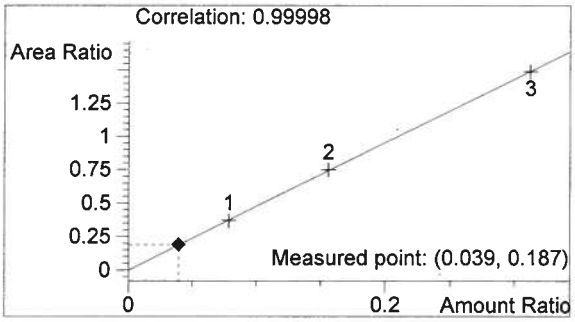
0.04 Ctrl-BB
Brittany Ball

vial # 6

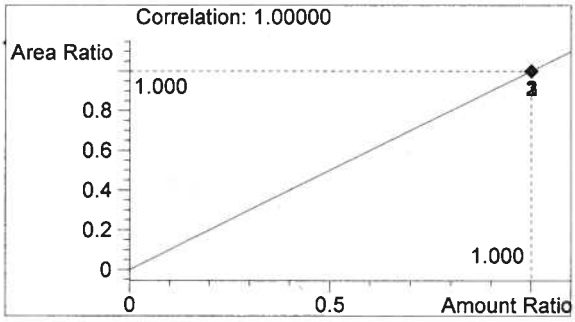


#	Compound	Area	RT
1	Ethanol	284	1.065
2	n-Propanol	1524	1.826

Totals:



Ethanol 0.039 g/100ml



n-Propanol 1.000 g/100ml

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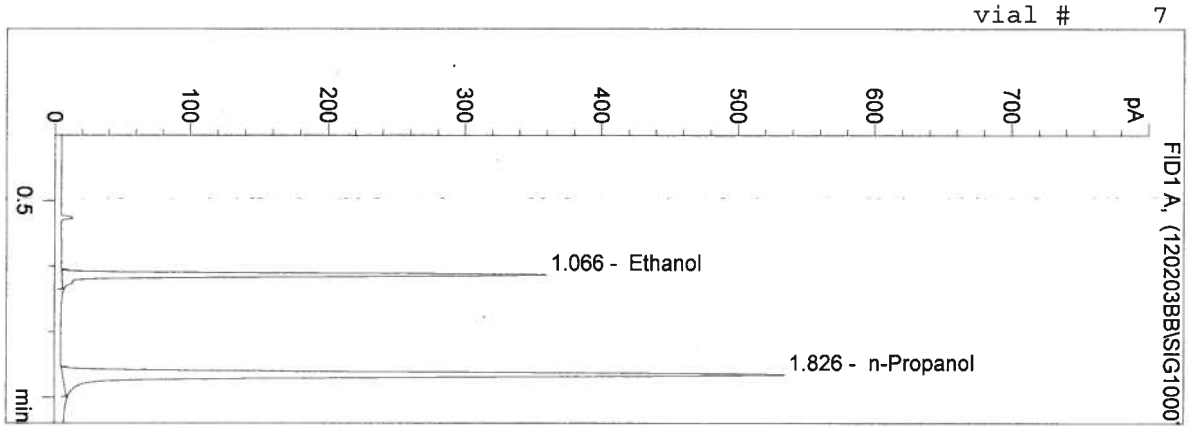
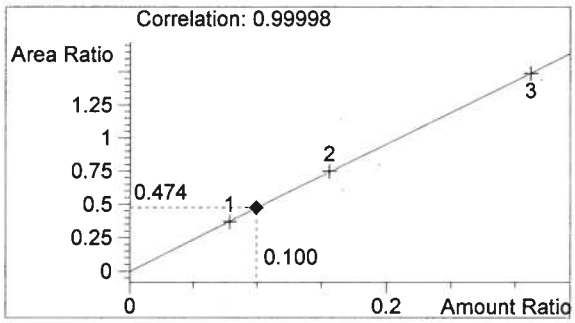
Instrument 3
DB-ALC2

0.10 Ctrl-BB
Brittany Ball

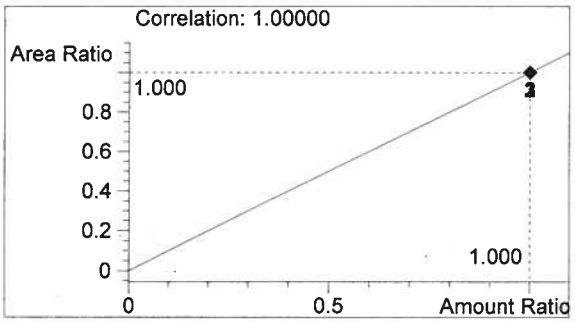
vial # 7



#	Compound	Area	RT
1	Ethanol	697	1.066
2	n-Propanol	1469	1.826
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

12006

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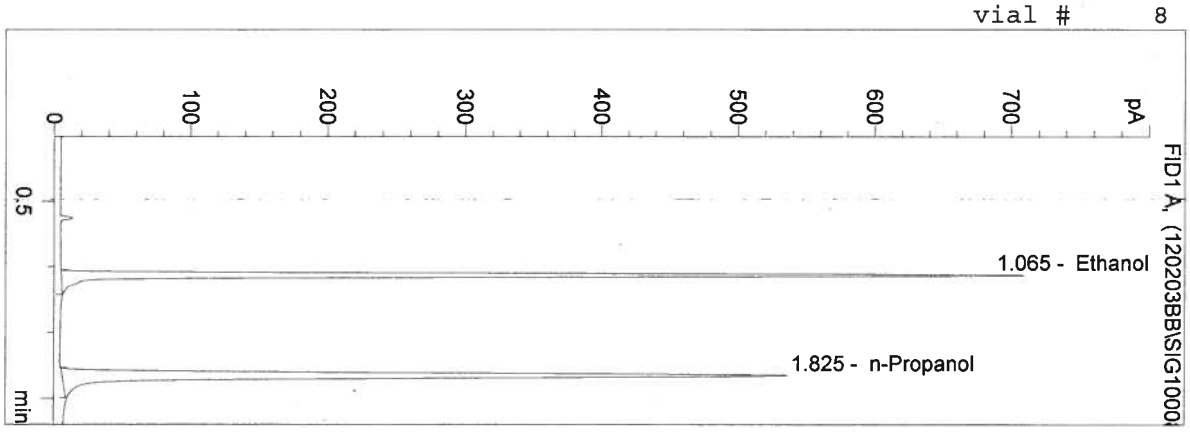
Instrument 3
DB-ALC2

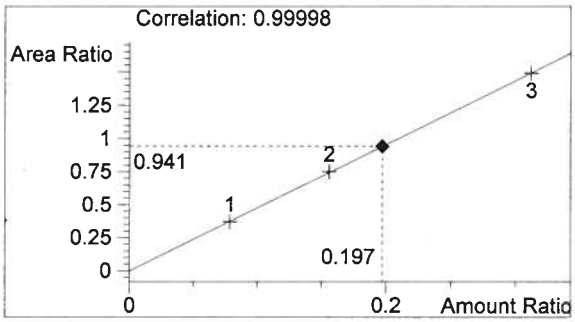
0.20 Ctrl-BB
Brittany Ball

vial # 8

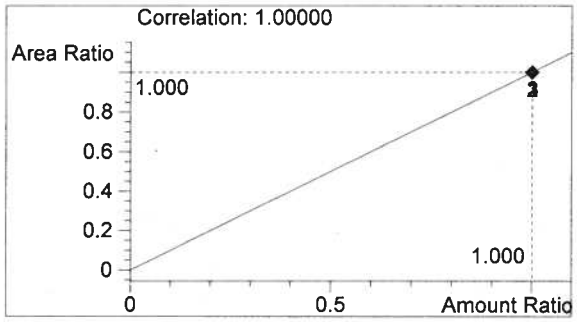


#	Compound	Area	RT
1	Ethanol	1392	1.065
2	n-Propanol	1480	1.825

Totals:



Ethanol 0.197 g/100ml



n-Propanol 1.000 g/100ml

12006

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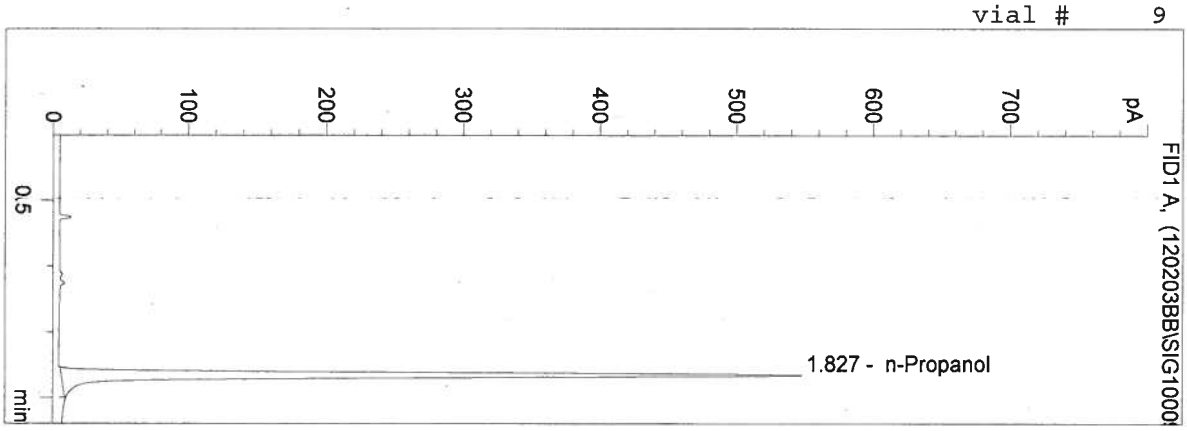
Instrument 3
DB-ALC2

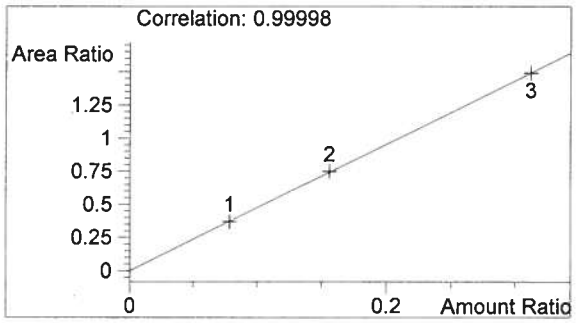
NEG Ctrl-BB
Brittany Ball

vial # 9

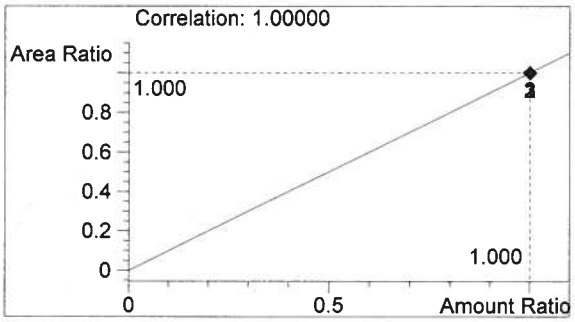


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1506	1.827

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

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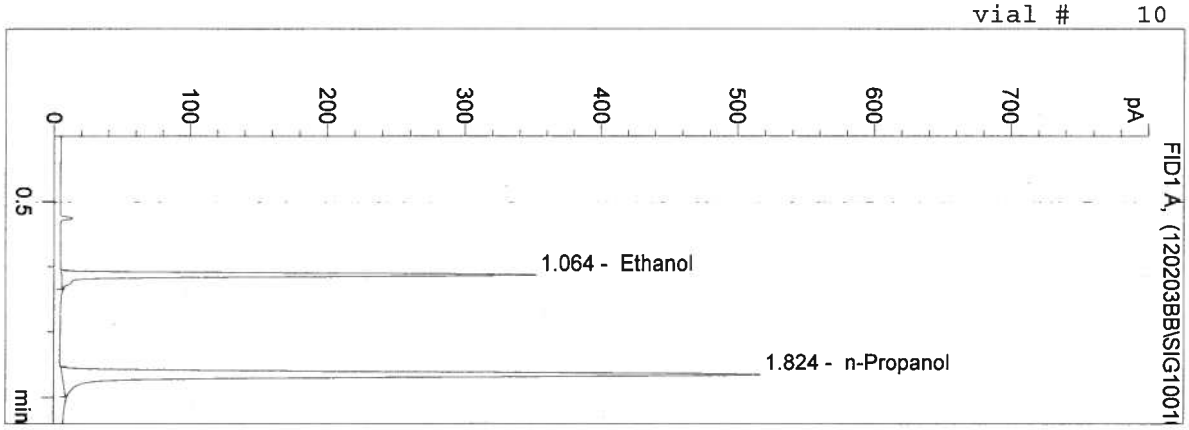
Instrument 3
DB-ALC2

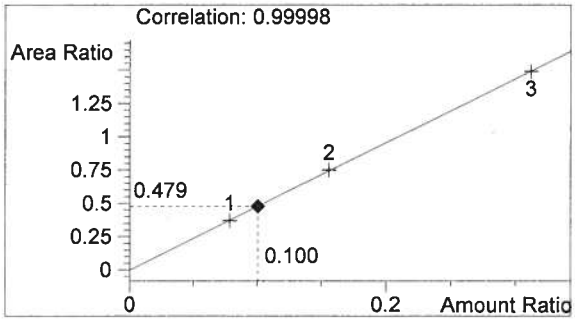
12006 #1-BB
Brittany Ball

vial # 10

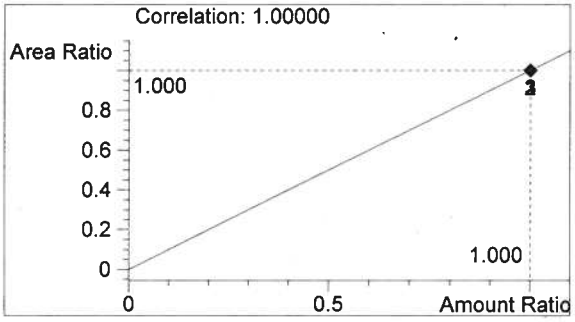


#	Compound	Area	RT
1	Ethanol	681	1.064
2	n-Propanol	1422	1.824

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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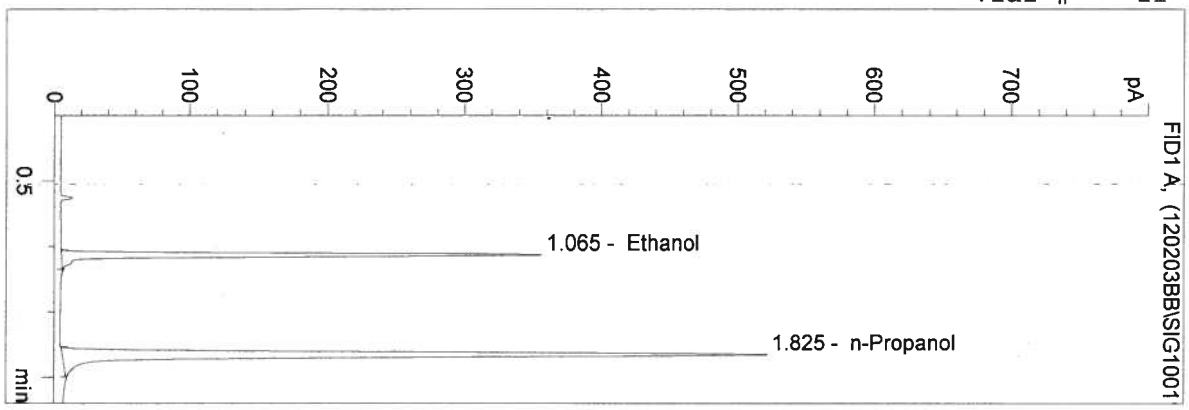
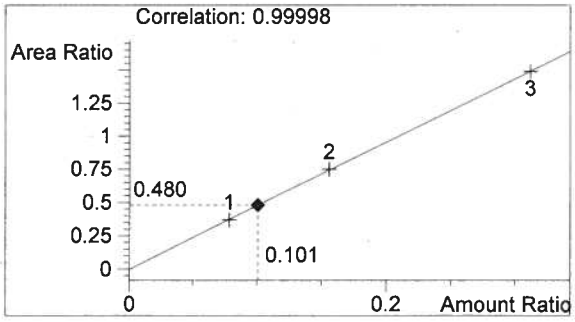
Instrument 3
DB-ALC2

12006 #2-BB
Brittany Ball

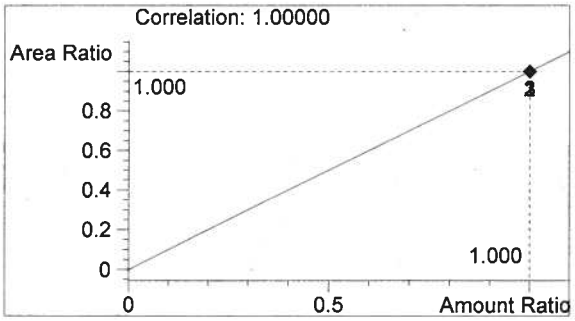
vial # 11



#	Compound	Area	RT
1	Ethanol	690	1.065
2	n-Propanol	1438	1.825
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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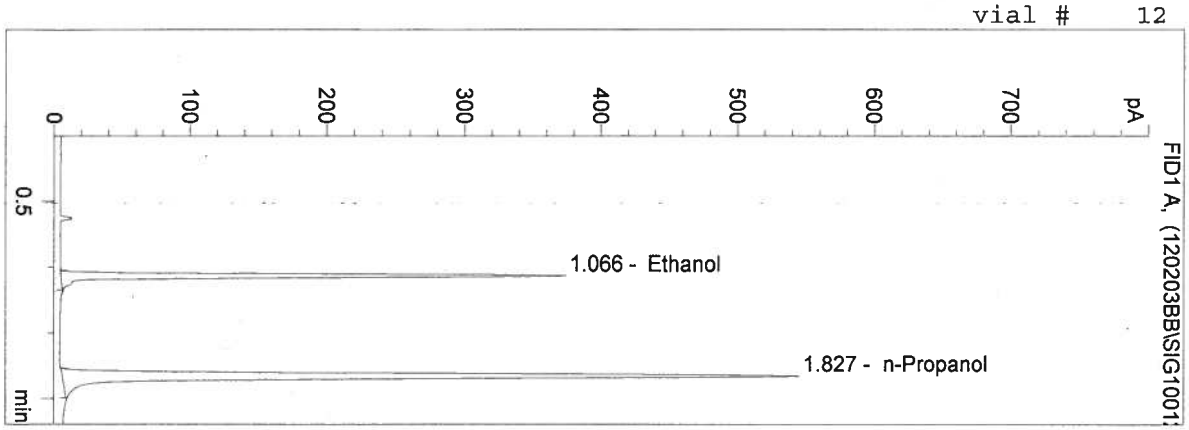
Instrument 3
DB-ALC2

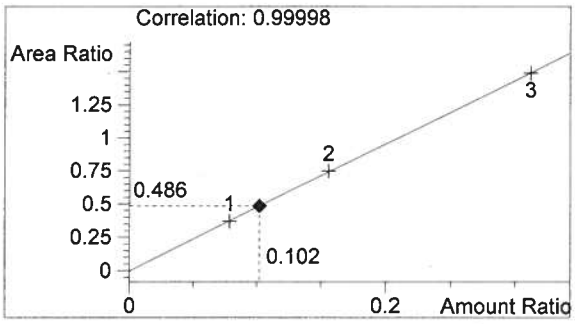
12006 #3-BB
Brittany Ball

vial # 12

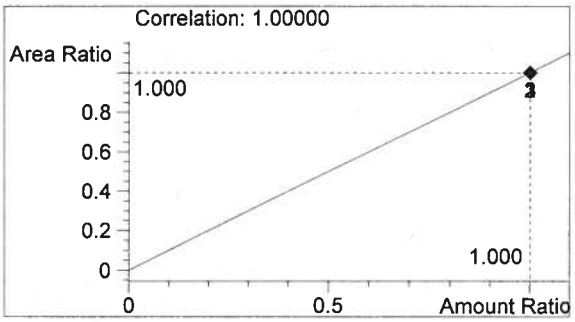


#	Compound	Area	RT
1	Ethanol	726	1.066
2	n-Propanol	1492	1.827

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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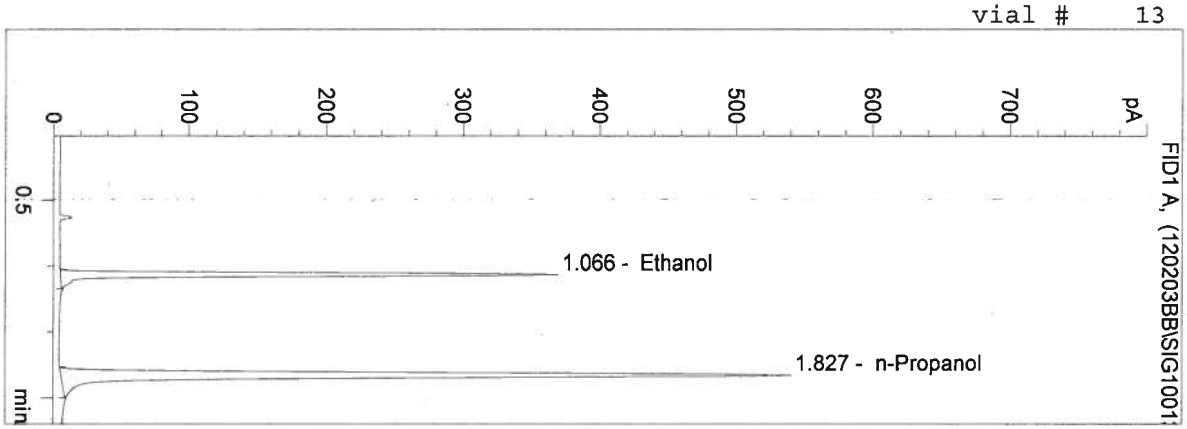
Instrument 3
DB-ALC2

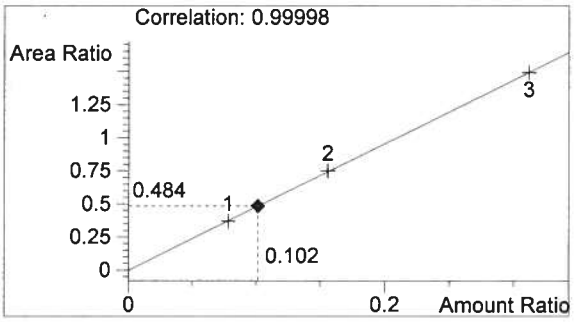
12006 #4-BB
Brittany Ball

vial # 13

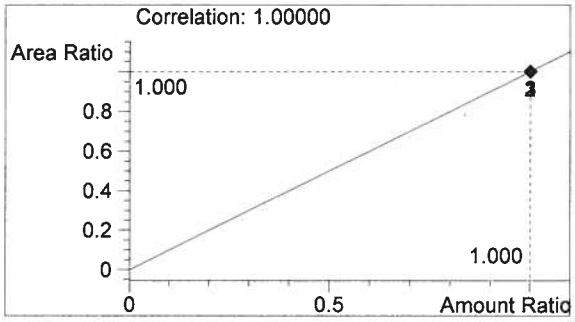


#	Compound	Area	RT
1	Ethanol	720	1.066
2	n-Propanol	1488	1.827

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

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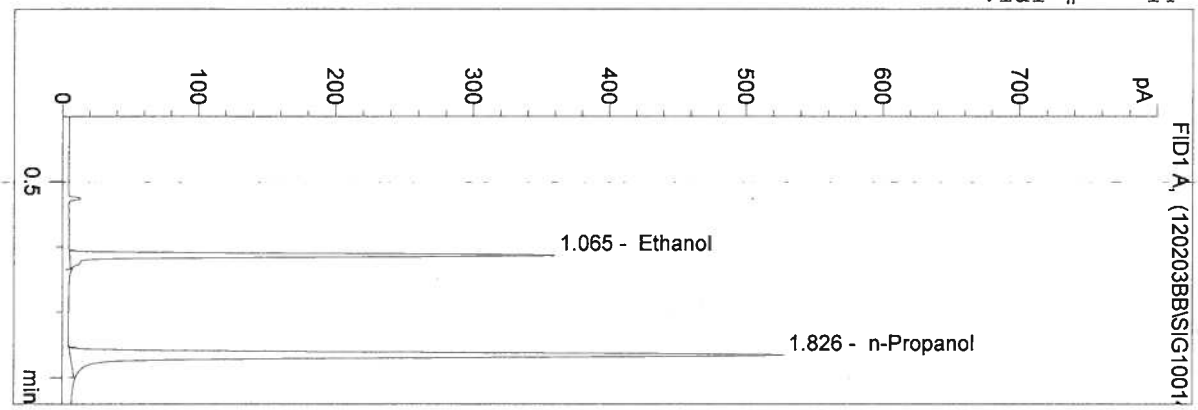
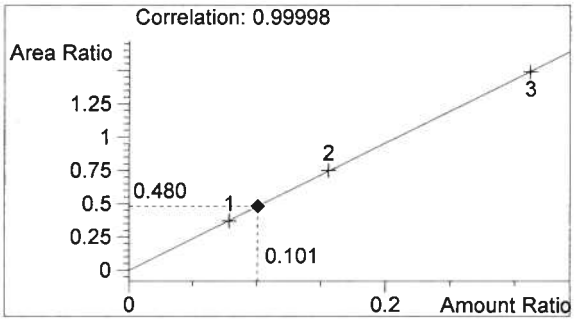
Instrument 3
DB-ALC2

12006 #5-BB
Brittany Ball

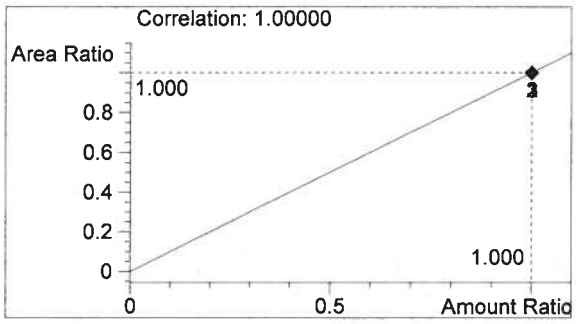
vial # 14



#	Compound	Area	RT
1	Ethanol	699	1.065
2	n-Propanol	1454	1.826
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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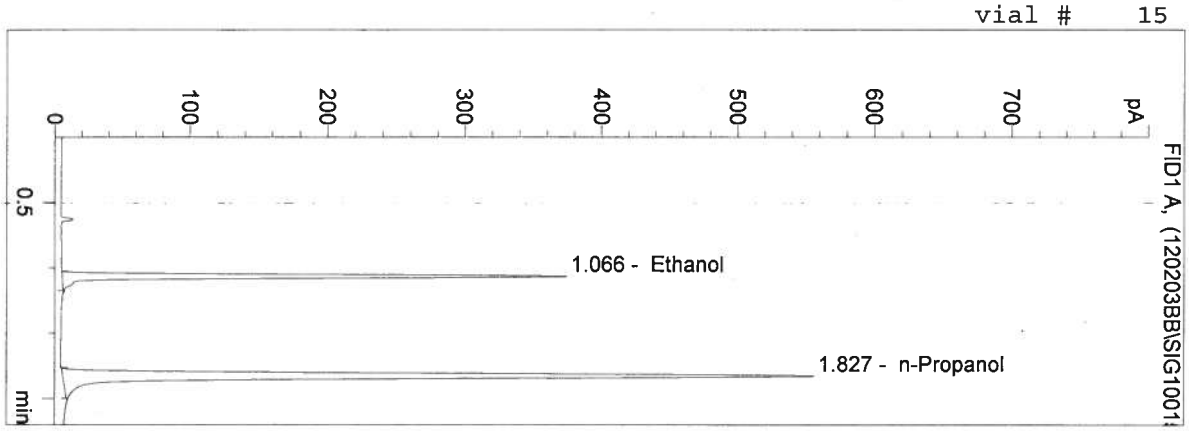
Instrument 3
DB-ALC2

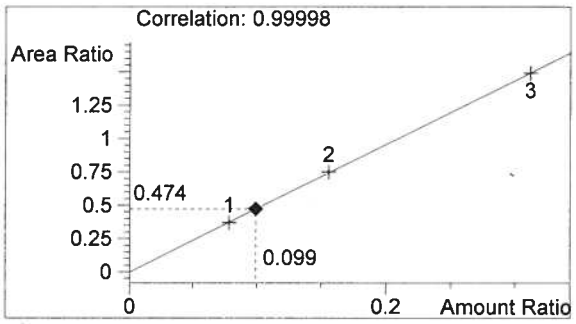
0.10 Ctrl-BB
Brittany Ball

vial # 15

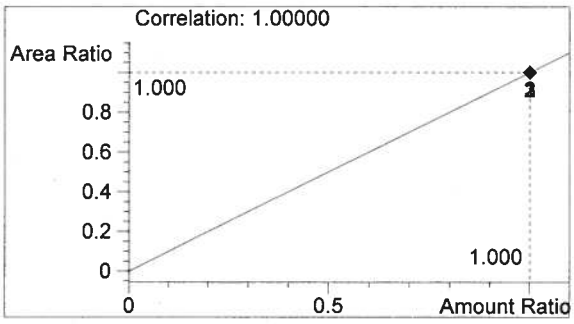


#	Compound	Area	RT
1	Ethanol	727	1.066
2	n-Propanol	1535	1.827

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

12006

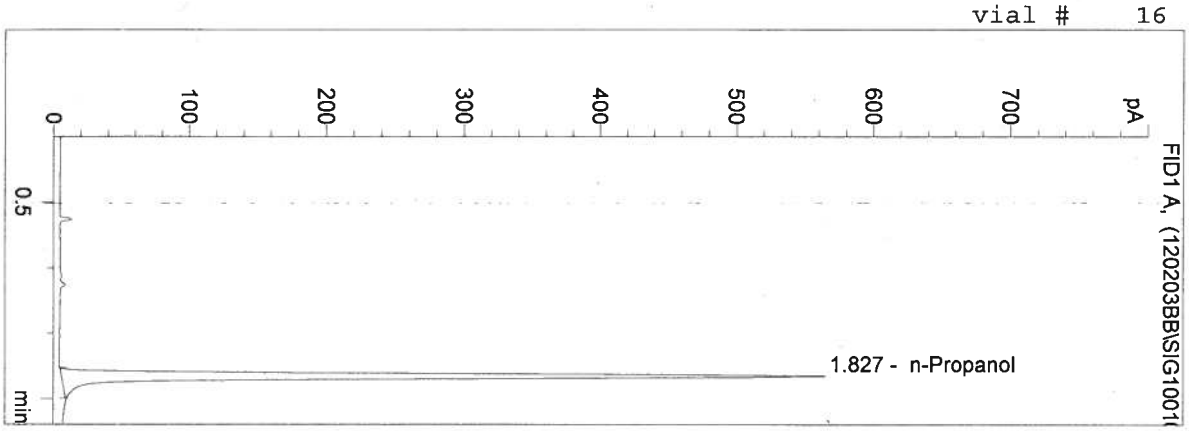
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

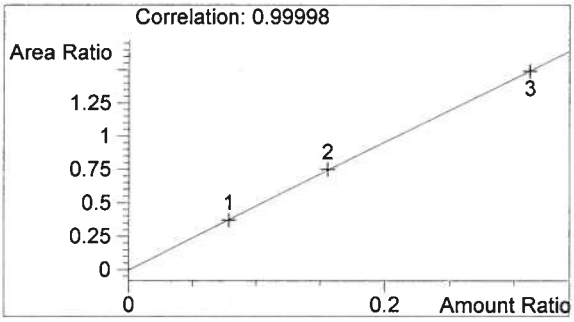
C:\HPCHEM\2\METHODS\SIMALC3.M
2/3/2012 2:02:37 PM
Instrument 3
DB-ALC2

NEG Ctrl-BB
Brittany Ball

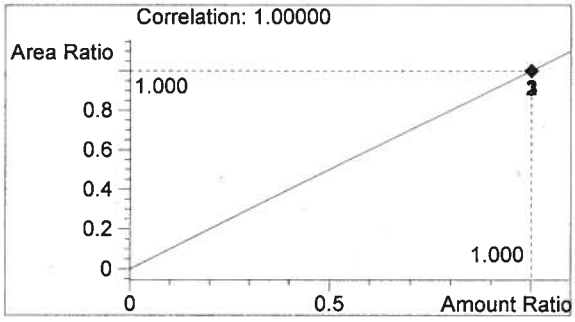
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1560	1.827
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

BB

Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120206JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E1111-01 - Exp. 02/10/2012
Ethanol Calibrator 2, E1111-02 - Exp. 02/10/2012
Ethanol Calibrator 3, E1111-03 - Exp. 02/10/2012

0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A075806 - Exp. 11/2014
0.20 Control - Lot #A076521 - Exp. 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	E1111-01 - Exp 02/10/2012
3	Vial 3	E1111-02 - Exp 02/10/2012
4	Vial 4	E1111-03 - Exp 02/10/2012
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

12006

Sequence: C:\HPCHEM\2\SEQUENCE\JKEXSTD3.S

Line	Location	Sample Information
15	Vial 15	
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	CAL1 0.079	SIMALC3	1	Calib		
3	Vial 3	CAL2 0.158	SIMALC3	1	Calib		
4	Vial 4	CAL3 0.316	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC3	1	Ctrl Samp		
10	Vial 10	12006-1	SIMALC3	1	Sample		
11	Vial 11	12006-2	SIMALC3	1	Sample		
12	Vial 12	12006-3	SIMALC3	1	Sample		
13	Vial 13	12006-4	SIMALC3	1	Sample		
14	Vial 14	12006-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	CAL1 0.079	SIMALC3	1	Replace	Replace	
3	Vial 3	CAL2 0.158	SIMALC3	2	Replace	Replace	
4	Vial 4	CAL3 0.316	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12006

JK

Calibration Table

Calib. Data Modified : Monday, February 06, 2012 3:40:38 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.064	1	1	7.86300e-2	516.95728	1.52102e-4	1		Ethanol
		2	1.55890e-1	1034.00830	1.50763e-4			
		3	3.12180e-1	2103.08496	1.48439e-4			
1.824	1	1	1.00000	1394.63037	7.17036e-4	I1		n-Propanol
		2	1.00000	1398.00415	7.15305e-4			
		3	1.00000	1425.34875	7.01583e-4			

Peak Sum Table

No Entries in table

12006

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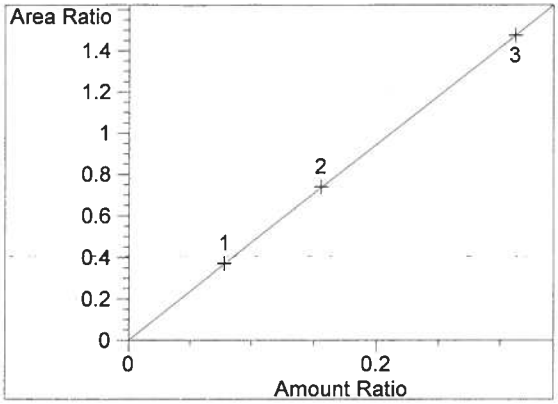
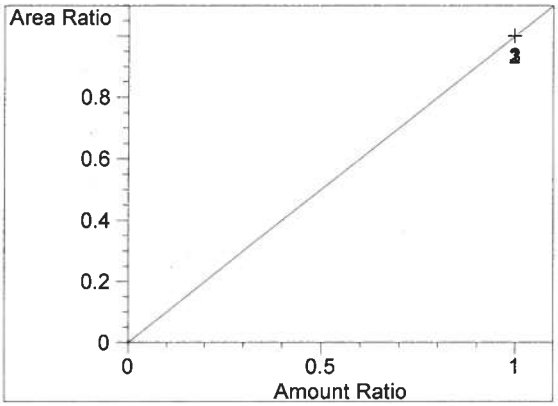
Calibration Curves

==========



Ethanol at exp. RT: 1.064
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00198
Formula: y = mx + b
m: 4.72847
b: 1.85353e-4
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.824
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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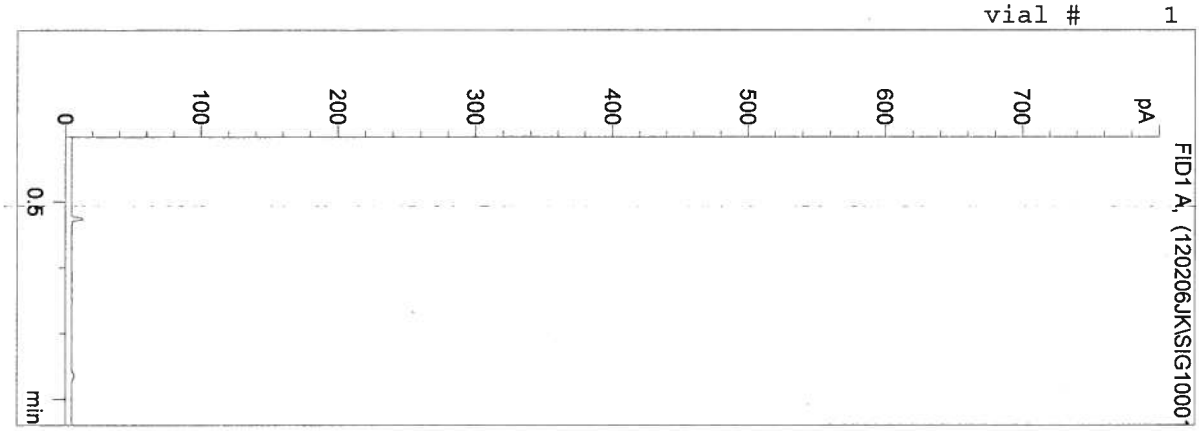
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

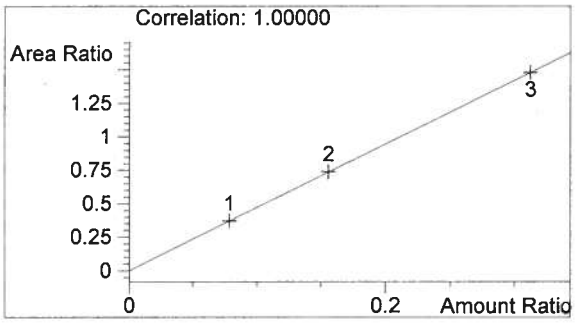
C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 3:29:03 PM
Instrument 3
DB-ALC2

BLANK
Justin Knoy

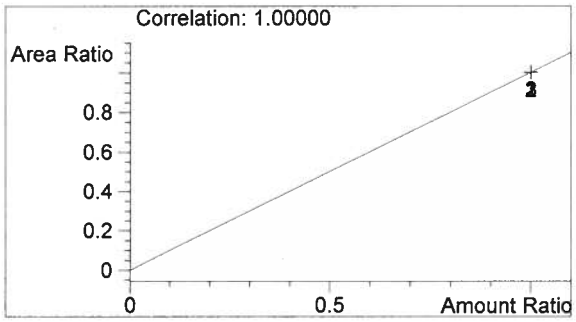
vial # 1



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 0.000 g/100ml

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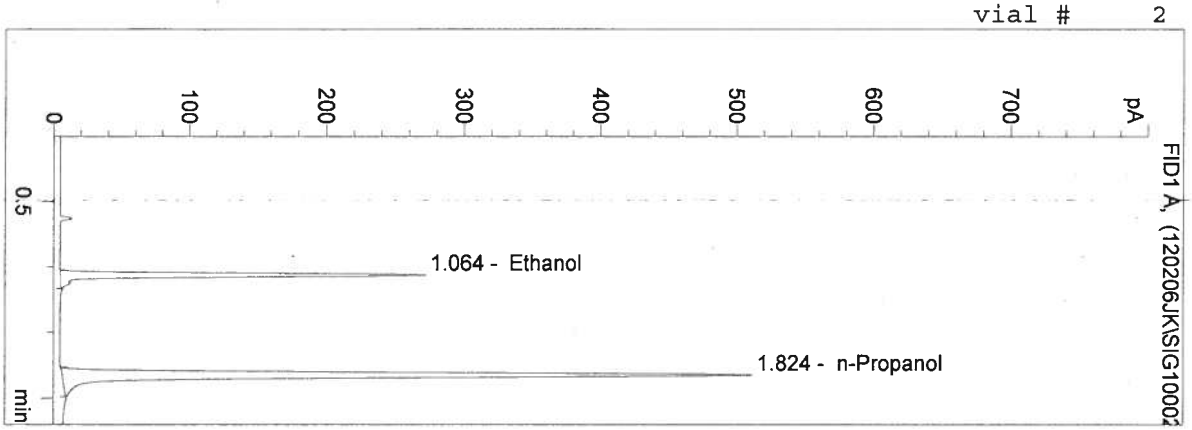
2/6/2012 3:32:11 PM
Instrument 3
DB-ALC2

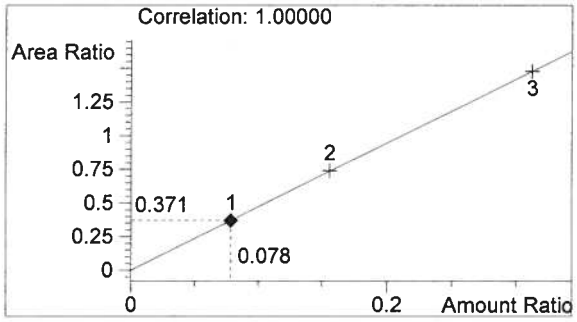
CAL1 0.079
Justin Knoy

vial # 2

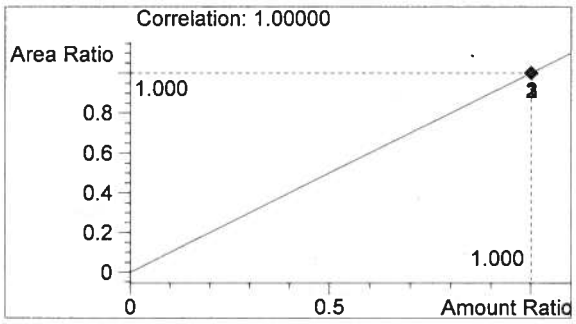


#	Compound	Area	RT
1	Ethanol	517	1.064
2	n-Propanol	1395	1.824

Totals:



Ethanol 0.078 g/100ml



n-Propanol 1.000 g/100ml

12006

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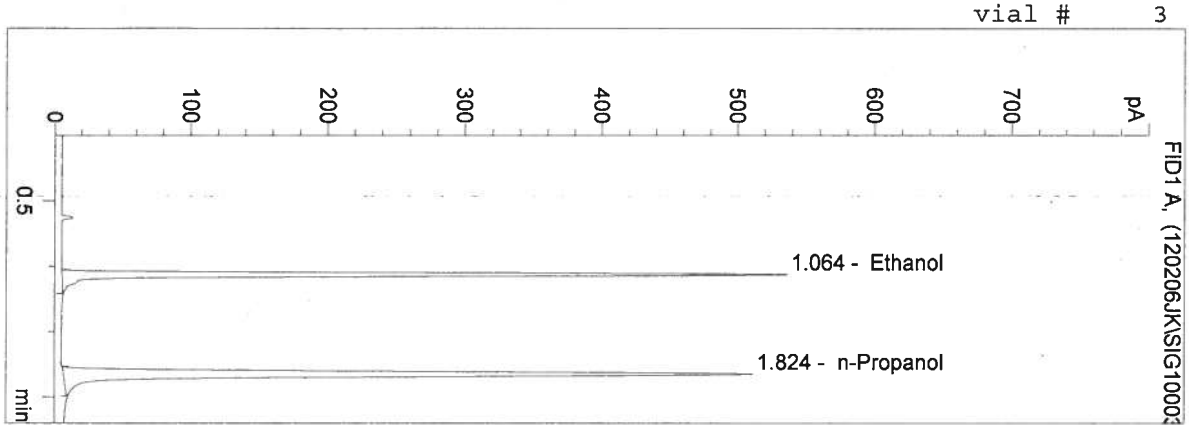
2/6/2012 3:35:18 PM
Instrument 3
DB-ALC2

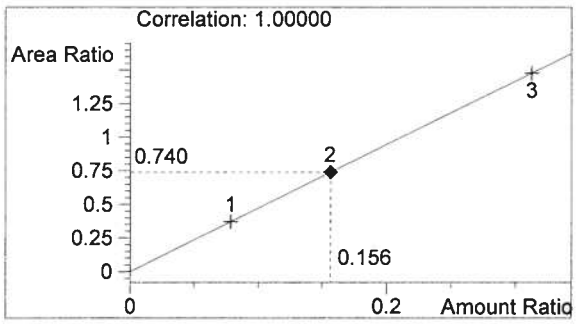
CAL2 0.158
Justin Knoy

vial # 3

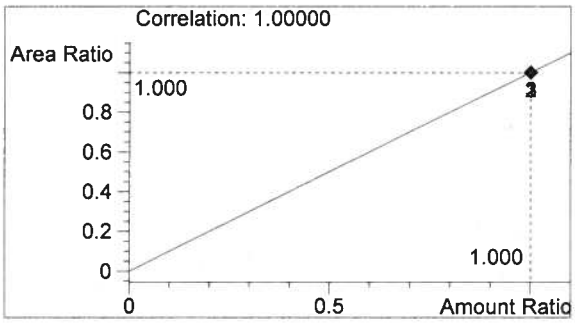


#	Compound	Area	RT
1	Ethanol	1034	1.064
2	n-Propanol	1398	1.824

Totals:



Ethanol 0.156 g/100ml



n-Propanol 1.000 g/100ml

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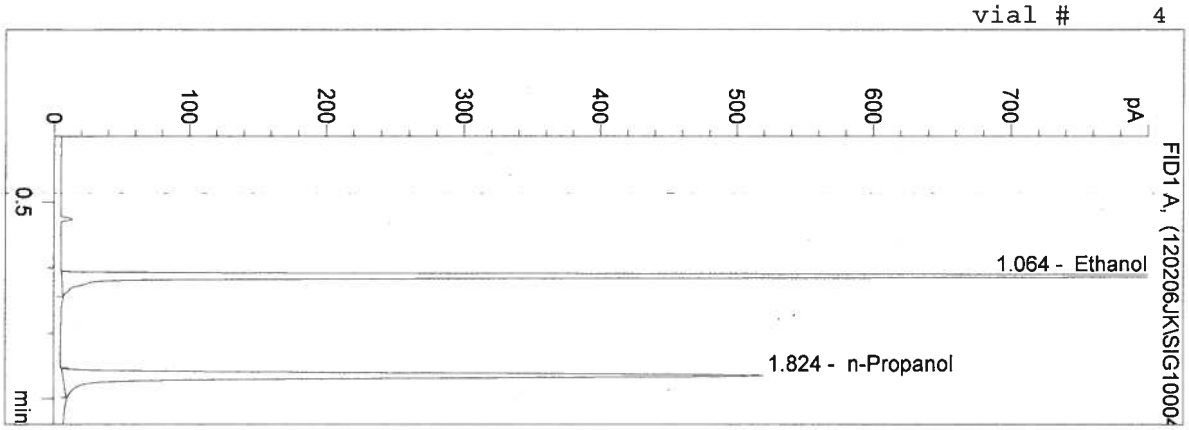
2/6/2012 3:38:25 PM
Instrument 3
DB-ALC2

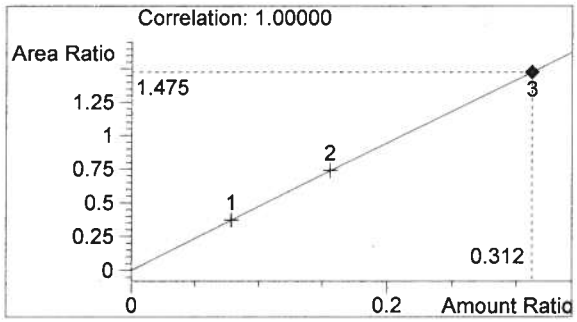
CAL3 0.316
Justin Knoy

vial # 4

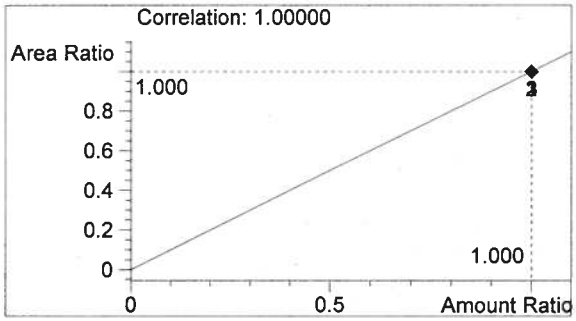


#	Compound	Area	RT
1	Ethanol	2103	1.064
2	n-Propanol	1425	1.824

Totals:



Ethanol 0.312 g/100ml



n-Propanol 1.000 g/100ml

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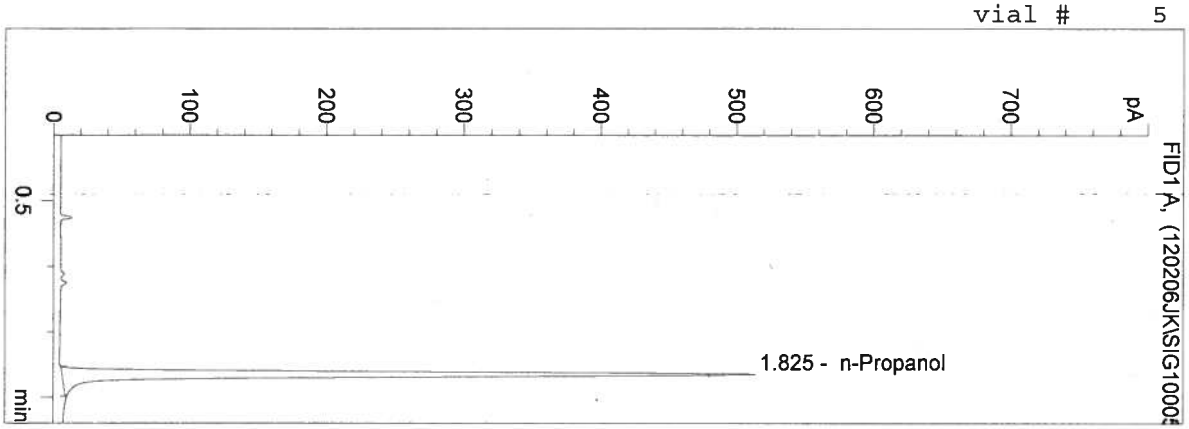
2/6/2012 3:41:33 PM
Instrument 3
DB-ALC2

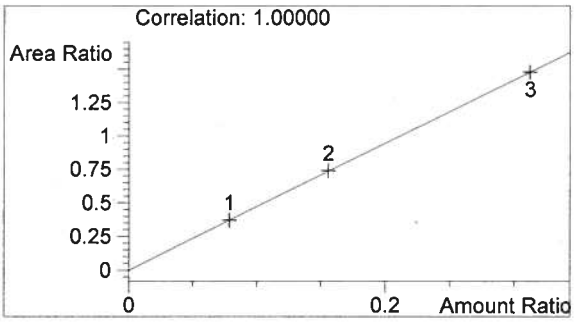
NEG CTRL JK
Justin Knoy

vial # 5

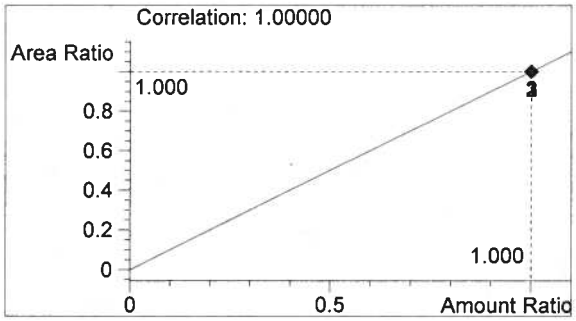


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1410	1.825

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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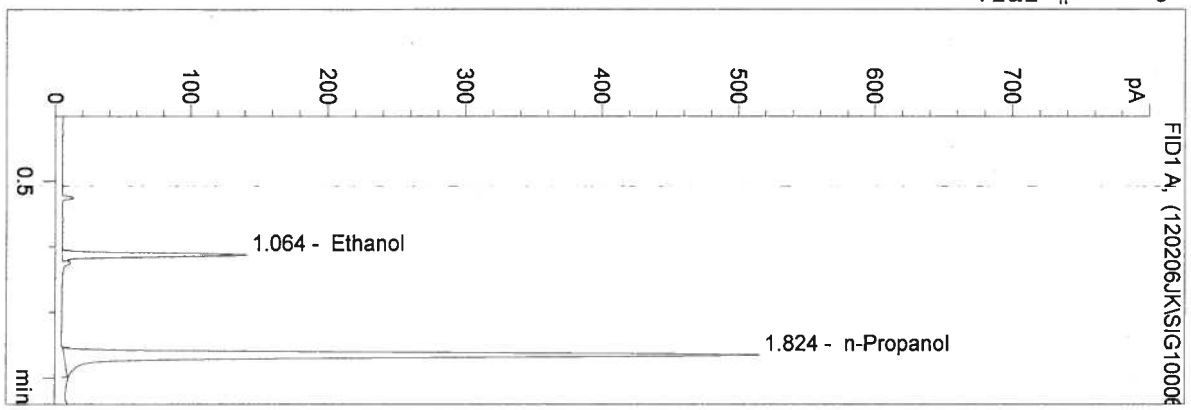
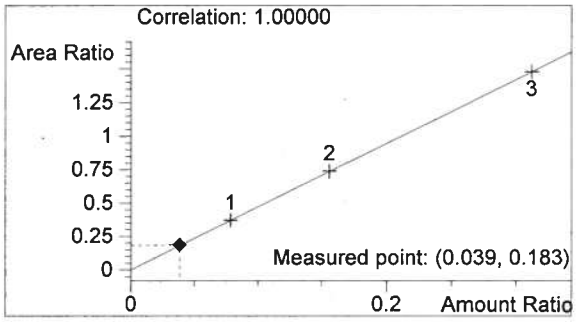
C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 3:44:40 PM
Instrument 3
DB-ALC2

0.04 CTRL JK
Justin Knoy

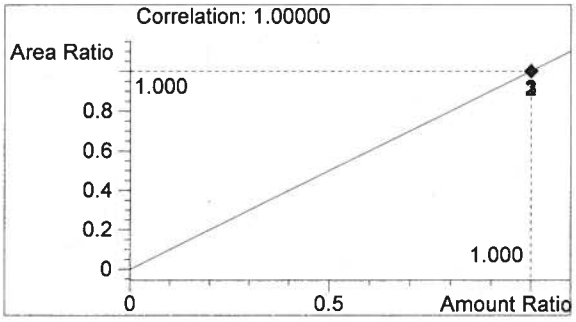
vial # 6



#	Compound	Area	RT
1	Ethanol	259	1.064
2	n-Propanol	1413	1.824
Totals:			



Ethanol 0.039 g/100ml



n-Propanol 1.000 g/100ml

12006

WASHINGTON STATE TOXICOLOGY LABORATORY

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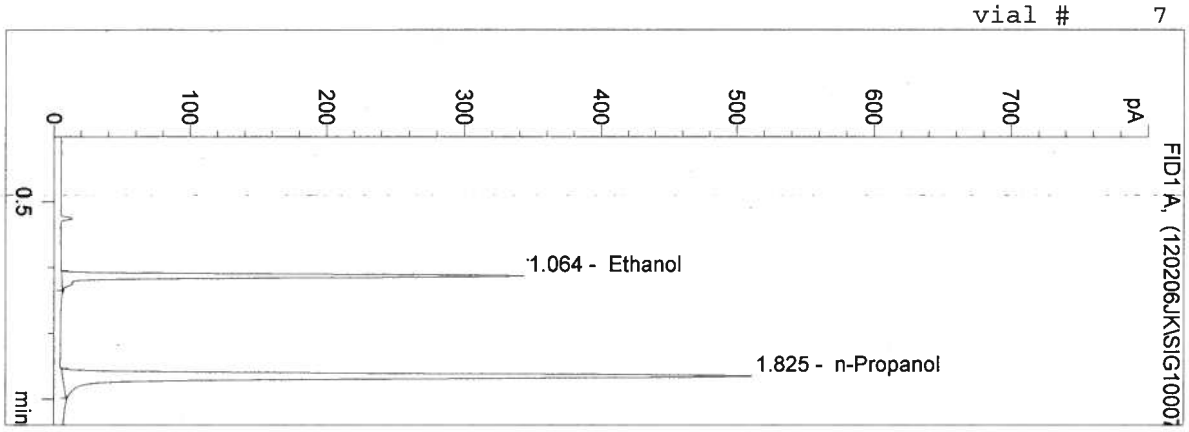
2/6/2012 3:47:47 PM
Instrument 3
DB-ALC2

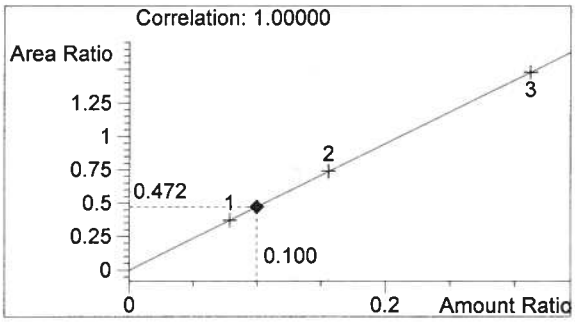
0.10 CTRL JK
Justin Knoy

vial # 7

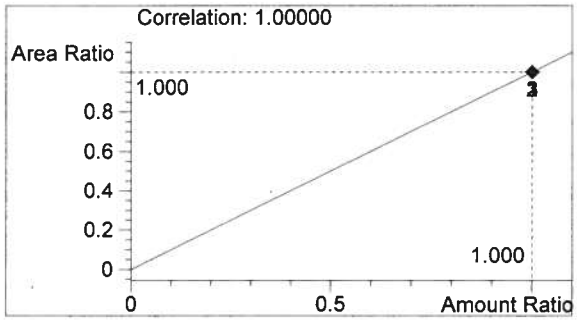


#	Compound	Area	RT
1	Ethanol	662	1.064
2	n-Propanol	1404	1.825

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

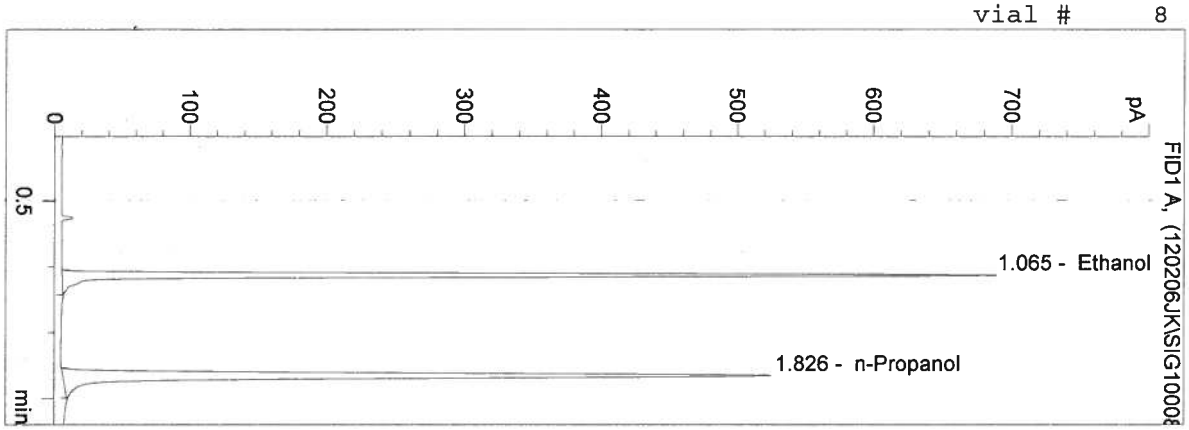
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 3:50:54 PM
Instrument 3
DB-ALC2

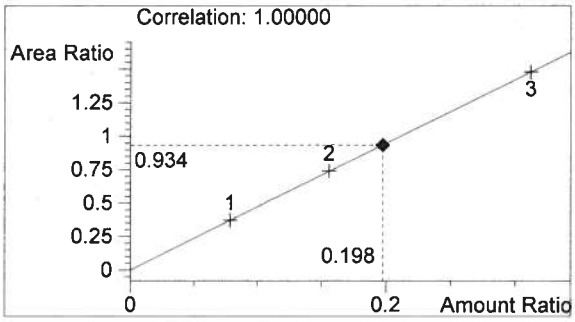
0.20 CTRL JK
Justin Knoy

vial # 8

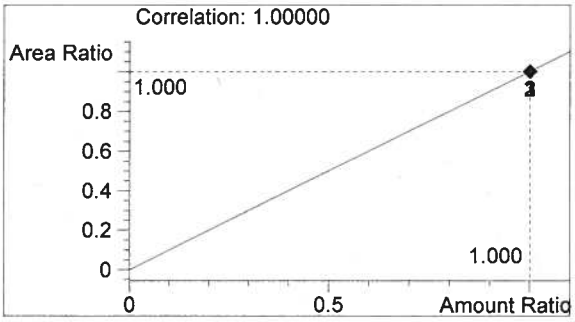


#	Compound	Area	RT
1	Ethanol	1347	1.065
2	n-Propanol	1442	1.826

Totals:



Ethanol 0.198 g/100ml



n-Propanol 1.000 g/100ml

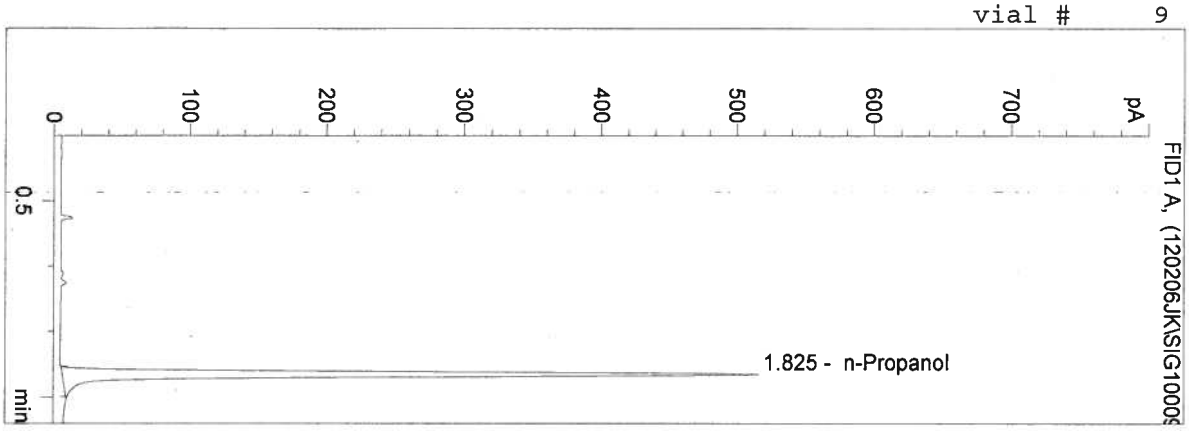
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 3:54:02 PM
Instrument 3
DB-ALC2

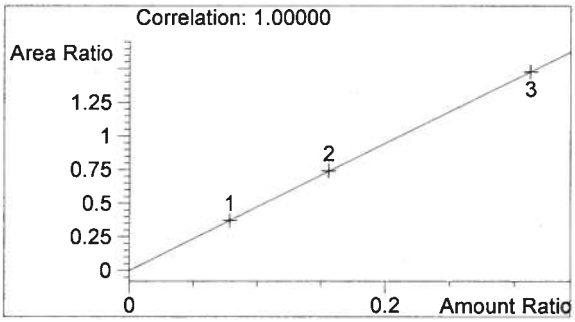
NEG CTRL JK
Justin Knoy

vial # 9

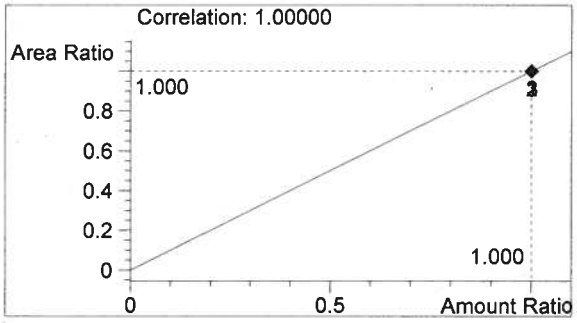


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1417	1.825

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

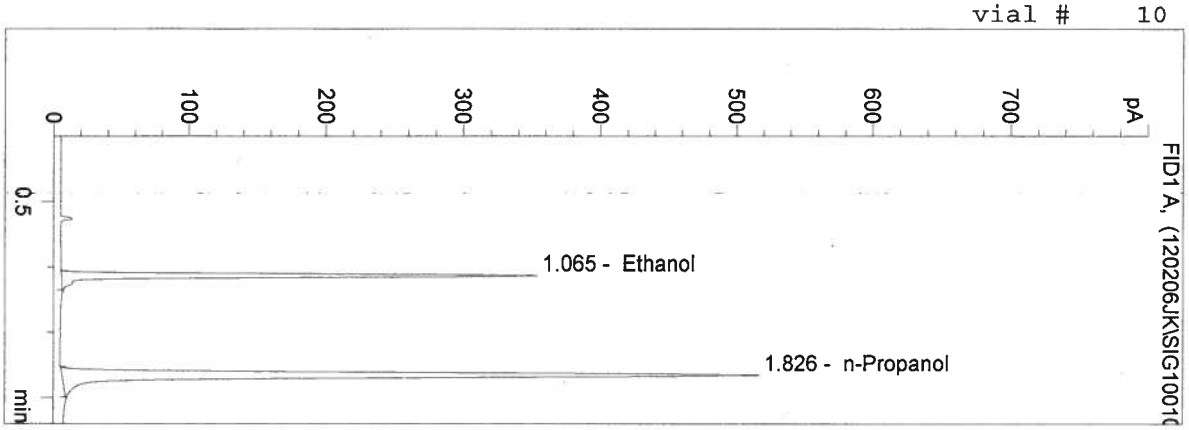
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 3:57:09 PM
Instrument 3.
DB-ALC2

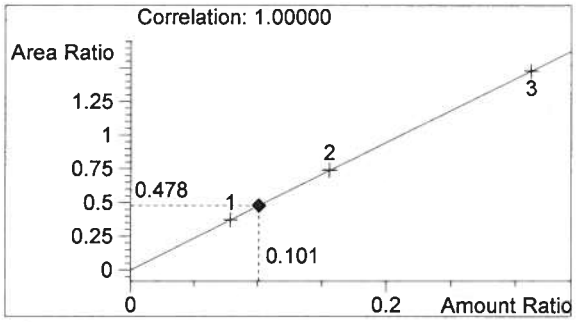
12006-1
Justin Knoy

vial # 10

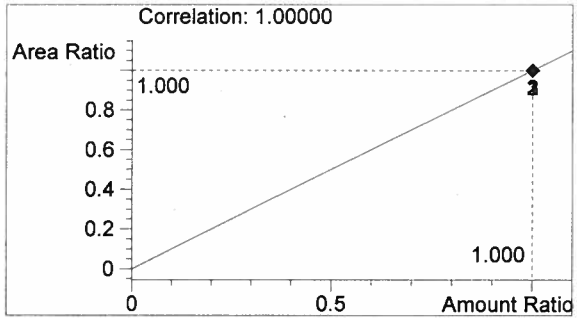


#	Compound	Area	RT
1	Ethanol	678	1.065
2	n-Propanol	1418	1.826

Totals:



Ethanol 0.101 g/100ml



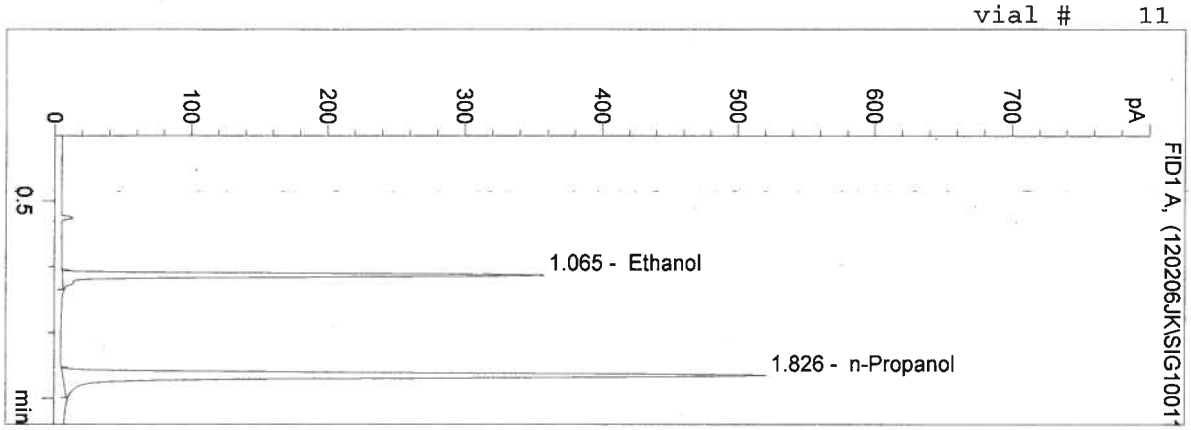
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

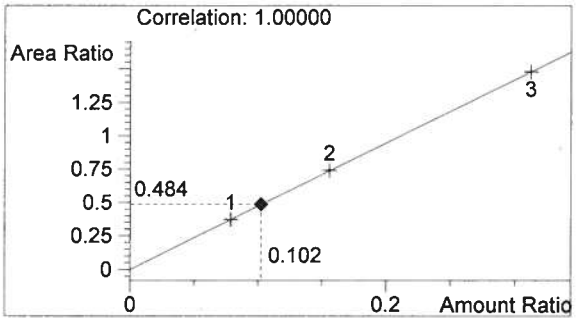
C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 4:00:16 PM
Instrument 3
DB-ALC2

12006-2
Justin Knoy

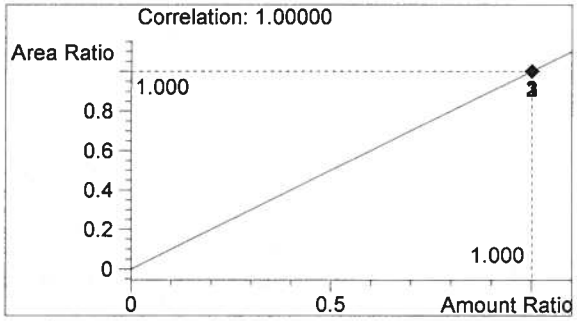
vial # 11



#	Compound	Area	RT
1	Ethanol	693	1.065
2	n-Propanol	1432	1.826
Totals:			



Ethanol 0.102 g/100ml



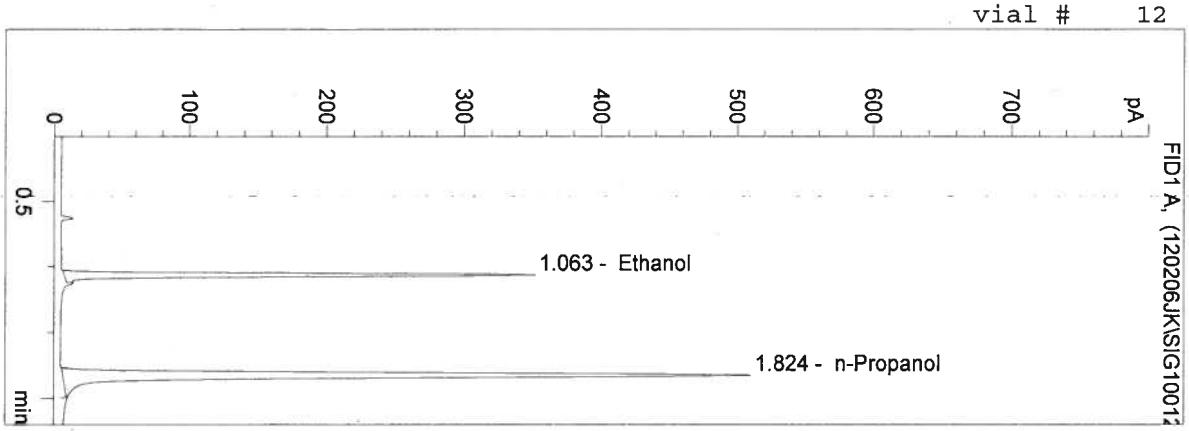
n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

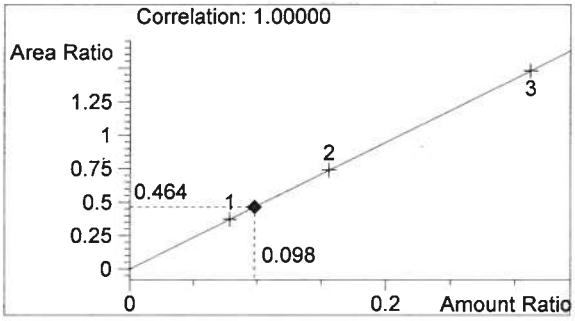
C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 4:03:23 PM
Instrument 3
DB-ALC2

12006-3
Justin Knoy

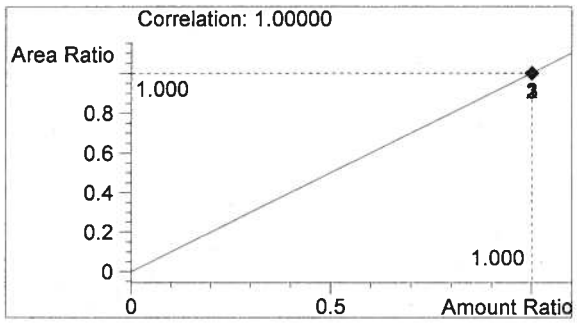
vial # 12



#	Compound	Area	RT
1	Ethanol	645	1.063
2	n-Propanol	1392	1.824
Totals:			



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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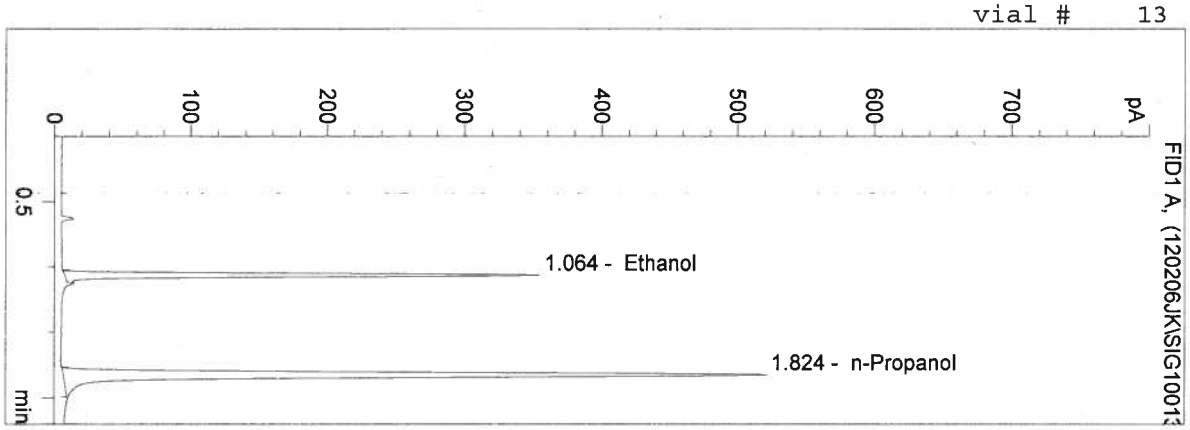
2/6/2012 4:06:31 PM
Instrument 3
DB-ALC2

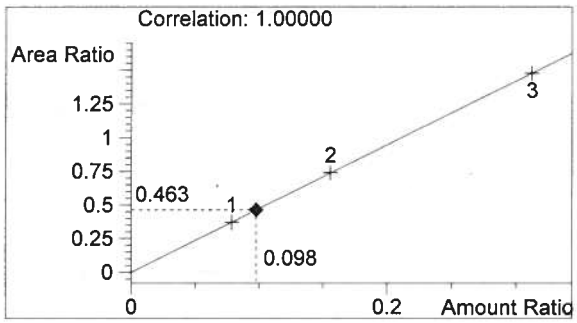
12006-4
Justin Knoy

vial # 13

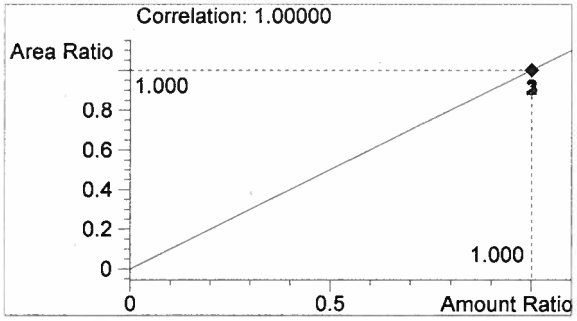


#	Compound	Area	RT
1	Ethanol	662	1.064
2	n-Propanol	1431	1.824

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

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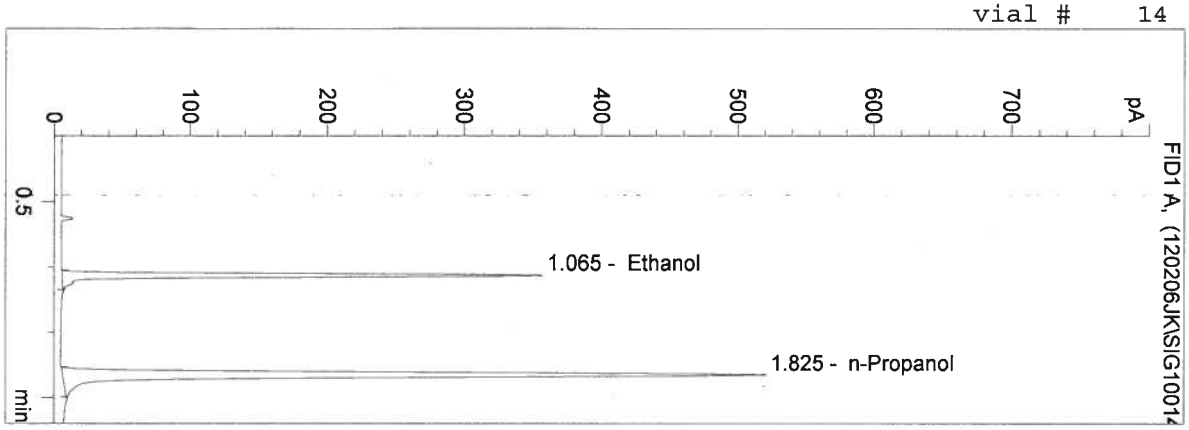
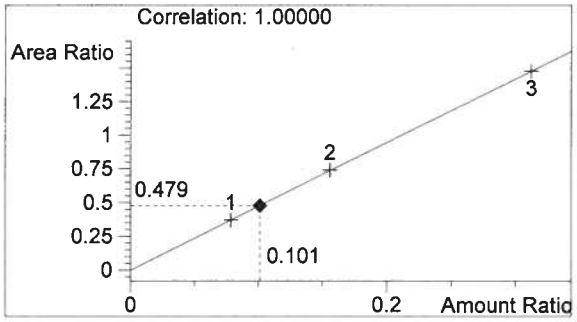
2/6/2012 4:09:38 PM
Instrument 3
DB-ALC2

12006-5
Justin Knoy

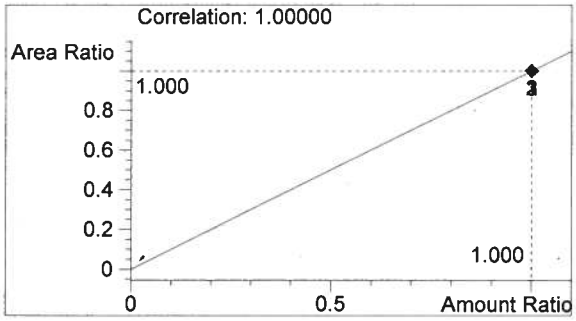
vial # 14



#	Compound	Area	RT
1	Ethanol	682	1.065
2	n-Propanol	1425	1.825
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

JK

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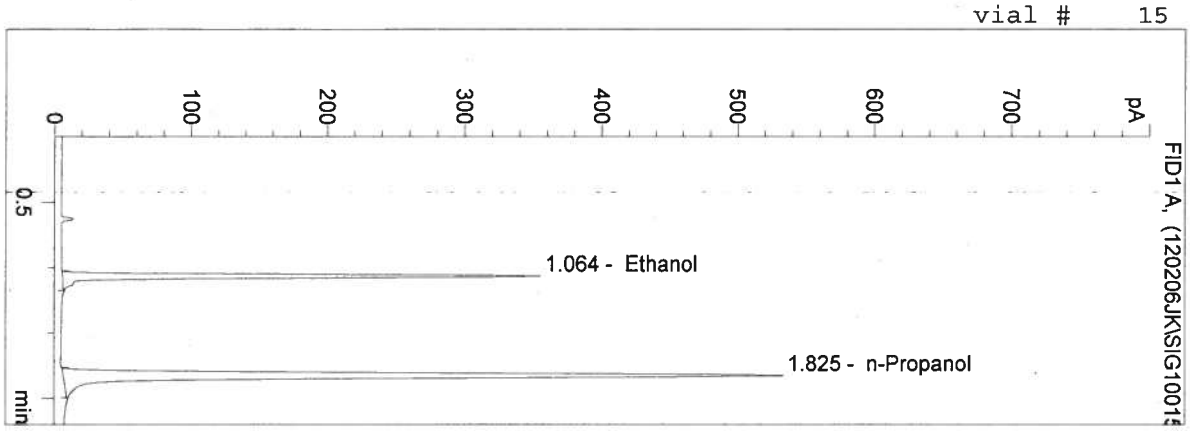
2/6/2012 4:12:45 PM
Instrument 3
DB-ALC2

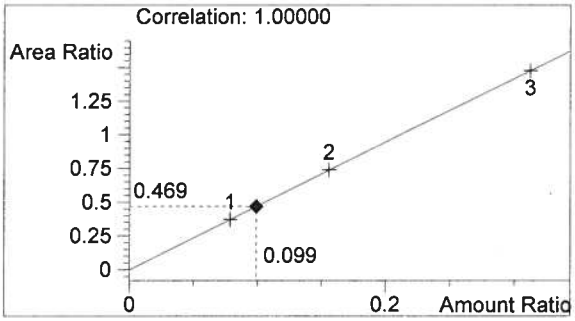
0.10 CTRL JK
Justin Knoy

vial # 15

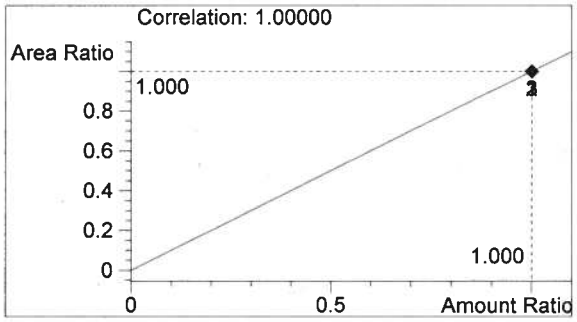


#	Compound	Area	RT
1	Ethanol	688	1.064
2	n-Propanol	1466	1.825

Totals:



Ethanol 0.099 g/100ml



n-Propanol 1.000 g/100ml

12006

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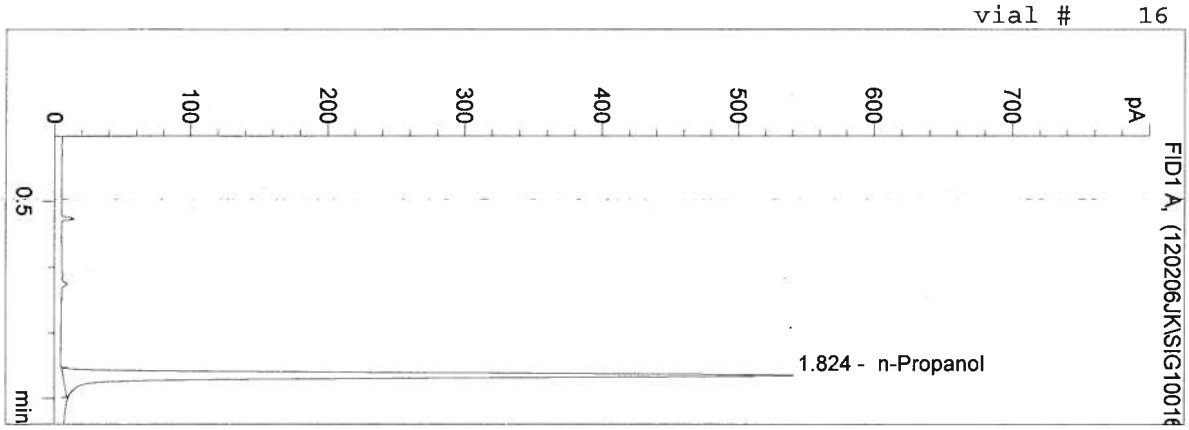
2/6/2012 4:15:52 PM
Instrument 3
DB-ALC2

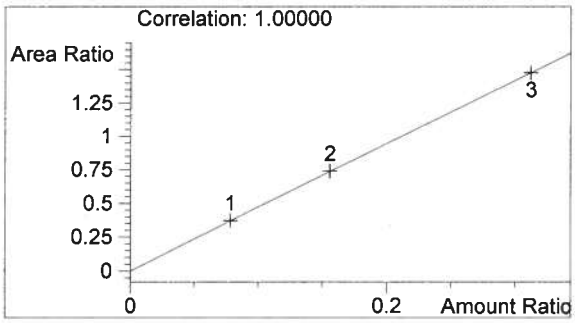
NEG CTRL JK
Justin Knoy

vial # 16

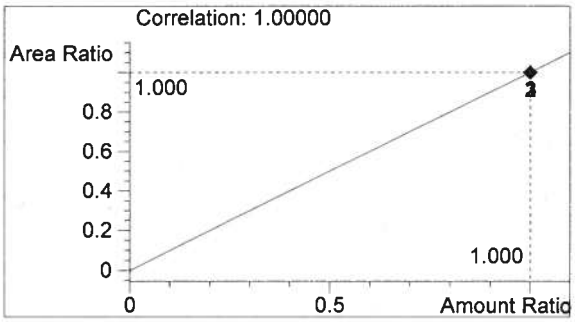


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1487	1.824

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

JK

Sequence: C:\HPCHEM\2\SEQUENCE\LNEXTSTD.S

Sequence Parameters:

Operator:	Lisa Noble
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120206LN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Ethanol Calibrator 1, E1111-01 - Exp. 02/10/2012
Ethanol Calibrator 2, E1111-02 - Exp. 02/10/2012
Ethanol Calibrator 3, E1111-03 - Exp. 02/10/2012

0.04 Control - Lot #A077459 - Exp. 02/2015
0.10 Control - Lot #A075806 - Exp. 11/2014
0.20 Control - Lot #A076521 - Exp. 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - LN	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - LN	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		
10	Vial 10	12006 #1	SIMALC3	1	Sample		
11	Vial 11	12006 #2	SIMALC3	1	Sample		
12	Vial 12	12006 #3	SIMALC3	1	Sample		
13	Vial 13	12006 #4	SIMALC3	1	Sample		
14	Vial 14	12006 #5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL - LN	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL - LN	SIMALC3	1	Ctrl Samp		

fn 12006

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL	SIMALC3	3	Replace	Replace	

Sequence: C:\HPCHEM\2\SEQUENCE\LNEXTSTD.S

Sequence Table (Back Injector):

No entries - empty table!

fn

12006

Calibration Table

Calib. Data Modified : Monday, February 06, 2012 2:29:21 PM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl	Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.065	1		1	7.86300e-2	502.63812	1.56435e-4		1	Ethanol
			2	1.55890e-1	1086.47449	1.43482e-4			
			3	3.12180e-1	2123.65942	1.47001e-4			
1.825	1		1	1.00000	1412.27087	7.08079e-4	I1		n-Propanol
			2	1.00000	1462.48682	6.83767e-4			
			3	1.00000	1440.61182	6.94150e-4			

Peak Sum Table

No Entries in table

12006

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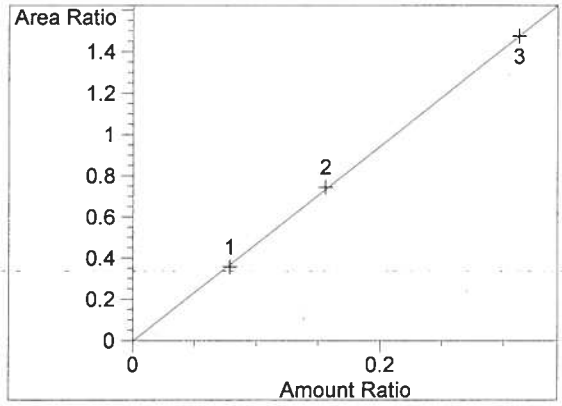
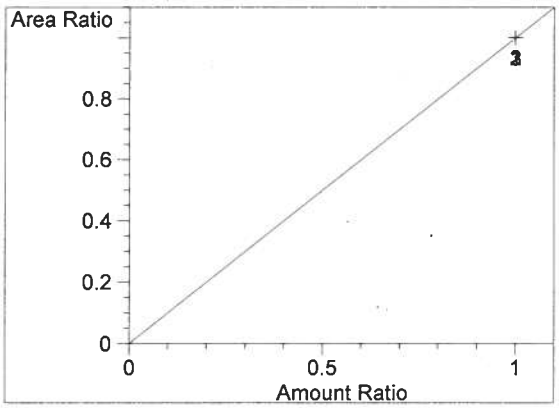
Calibration Curves

==========



Ethanol at exp. RT: 1.065
FID1 A,
Correlation: 0.99990
Residual Std. Dev.: 0.01105
Formula: y = mx + b
m: 4.74130
b: -4.78255e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.825
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

==========

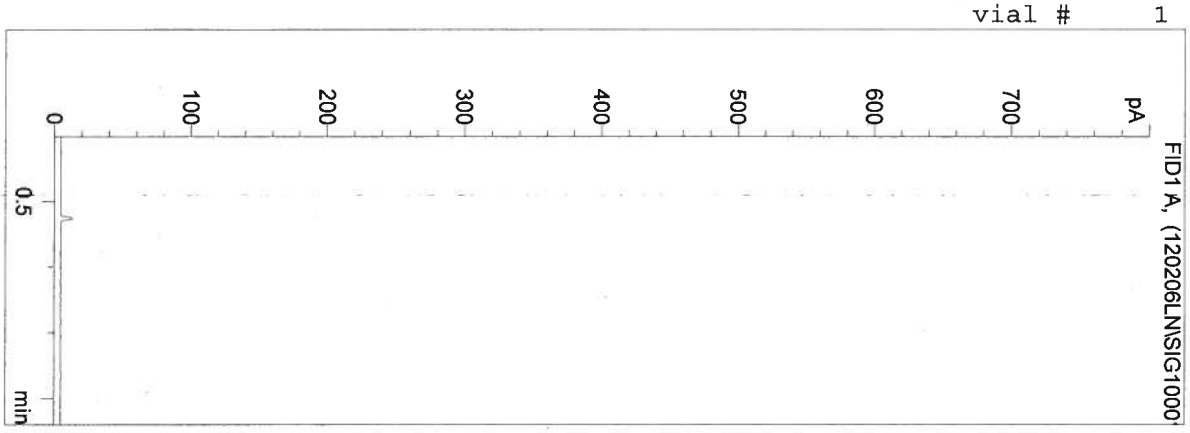
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 2:17:47 PM
Instrument 3
DB-ALC2

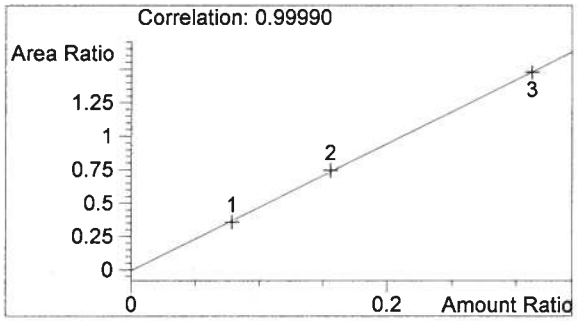
BLANK
Lisa Noble

vial # 1

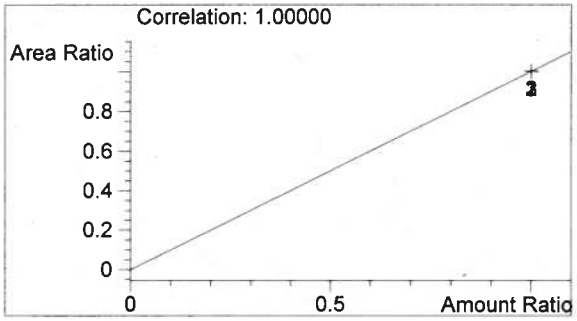


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000

Totals:



Ethanol 0.000 g/100ml



n-Propanol 0.000 g/100ml

12006

WASHINGTON STATE TOXICOLOGY LABORATORY

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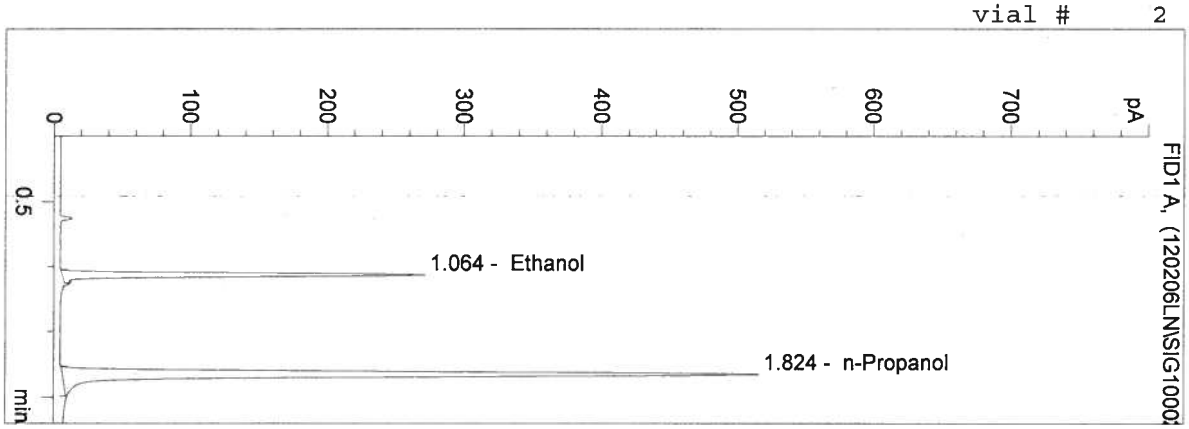
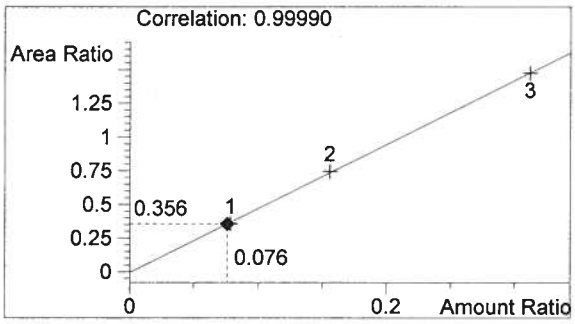
2/6/2012 2:20:55 PM
Instrument 3
DB-ALC2

0.079 CAL
Lisa Noble

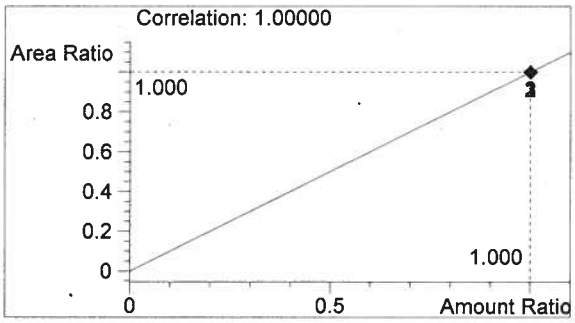
vial # 2



#	Compound	Area	RT
1	Ethanol	503	1.064
2	n-Propanol	1412	1.824
Totals:			



Ethanol 0.076 g/100ml



n-Propanol 1.000 g/100ml

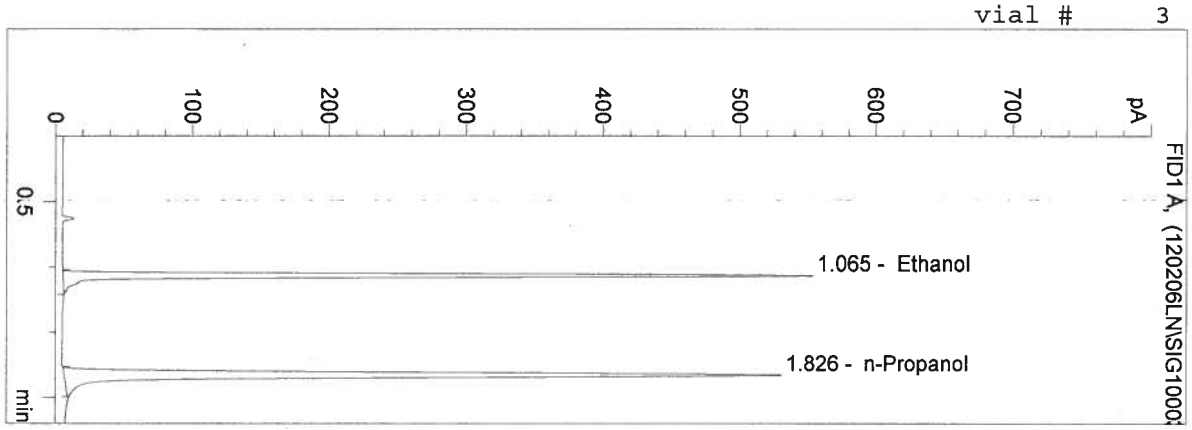
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

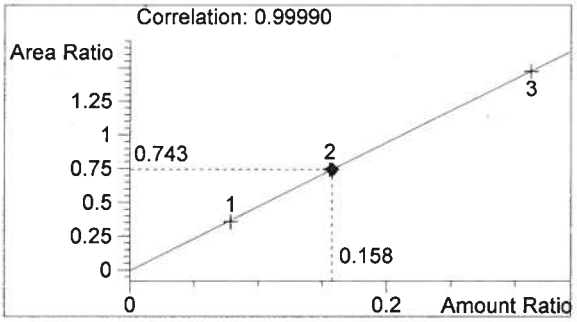
C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 2:24:02 PM
Instrument 3
DB-ALC2

0.158 CAL
Lisa Noble

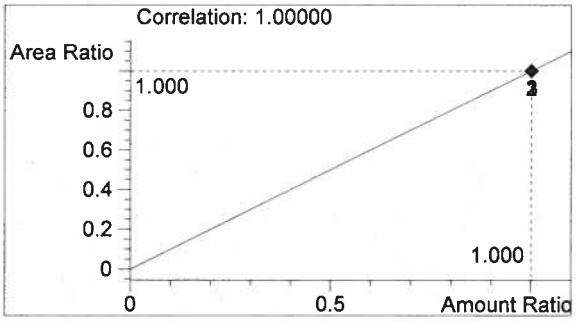
vial # 3



#	Compound	Area	RT
1	Ethanol	1086	1.065
2	n-Propanol	1462	1.826
Totals:			



Ethanol 0.158 g/100ml



n-Propanol 1.000 g/100ml

12006

WASHINGTON STATE TOXICOLOGY LABORATORY

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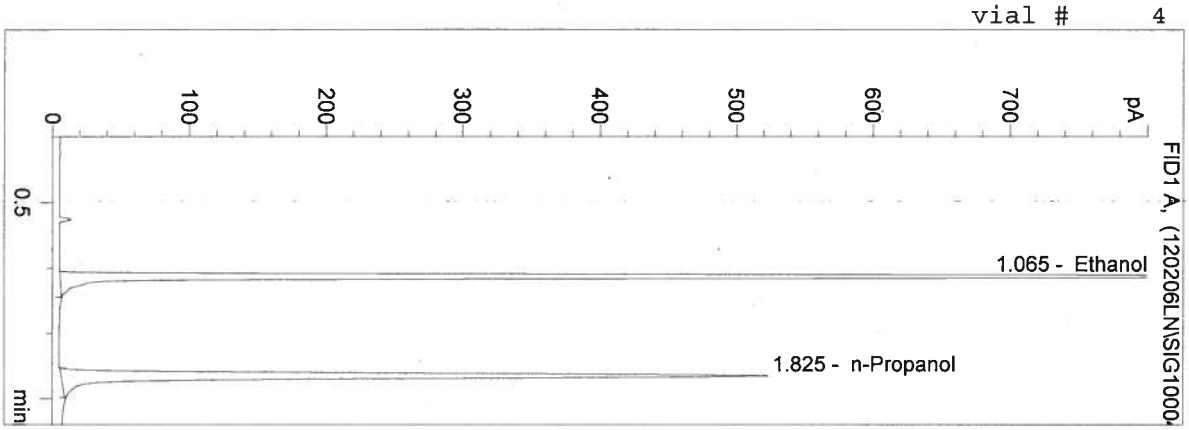
2/6/2012 2:27:09 PM
Instrument 3
DB-ALC2

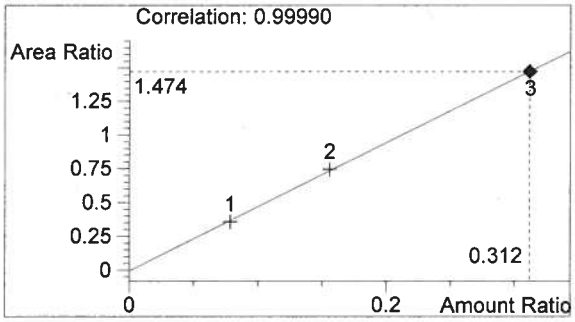
0.316 CAL
Lisa Noble

vial # 4

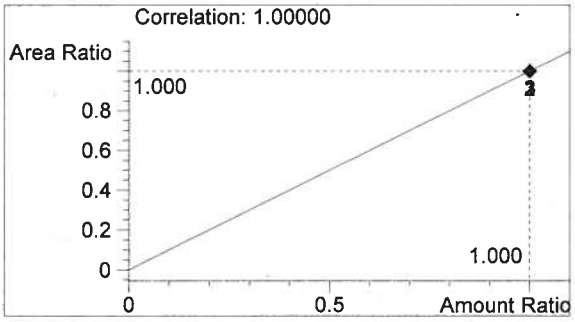


#	Compound	Area	RT
1	Ethanol	2124	1.065
2	n-Propanol	1441	1.825

Totals:



Ethanol 0.312 g/100ml



n-Propanol 1.000 g/100ml

12006

WASHINGTON STATE TOXICOLOGY LABORATORY

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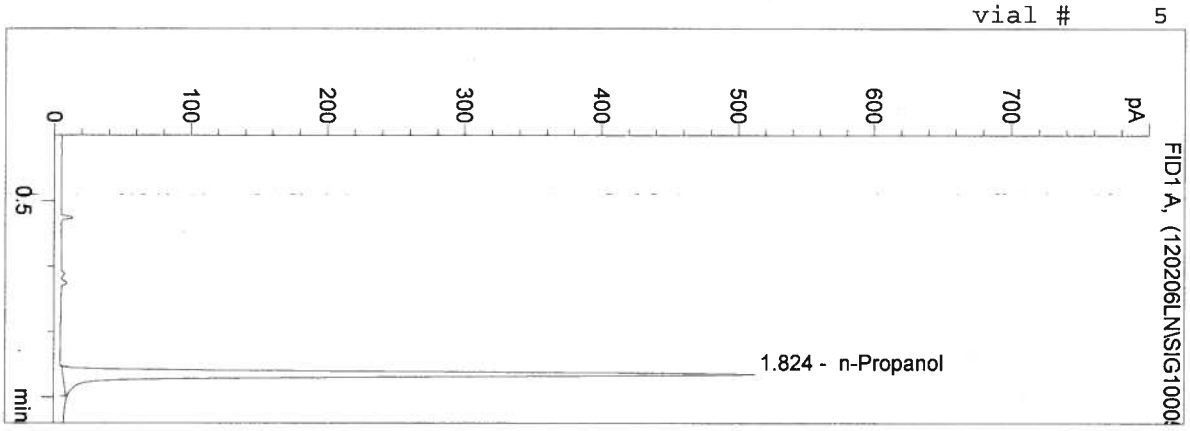
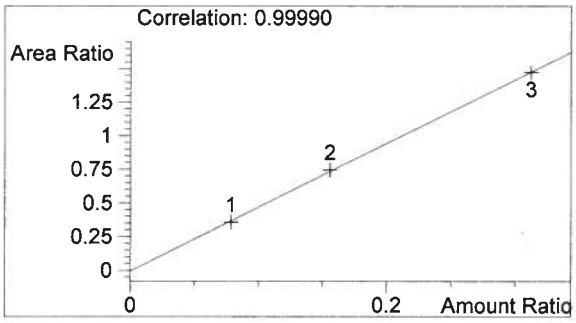
2/6/2012 2:30:16 PM
Instrument 3
DB-ALC2

NEG CTRL - LN
Lisa Noble

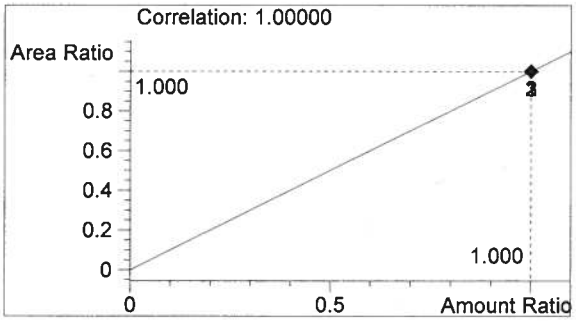
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1408	1.824
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

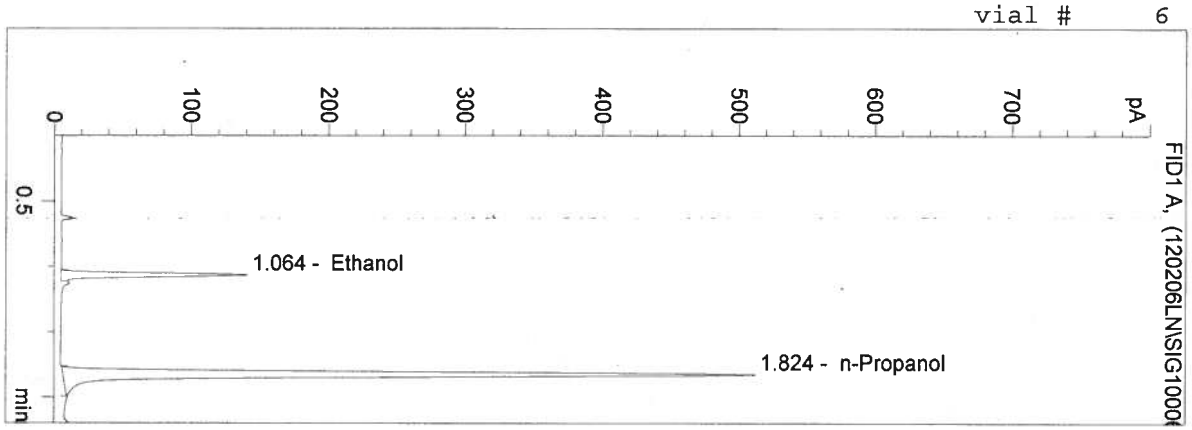
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

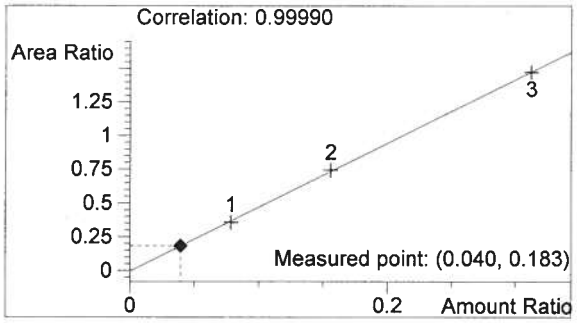
C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 2:33:24 PM
Instrument 3
DB-ALC2

0.04 CTRL - LN
Lisa Noble

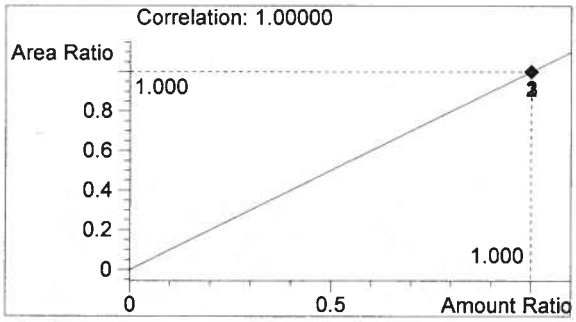
vial # 6



#	Compound	Area	RT
1	Ethanol	257	1.064
2	n-Propanol	1405	1.824
Totals:			



Ethanol 0.040 g/100ml



n-Propanol 1.000 g/100ml

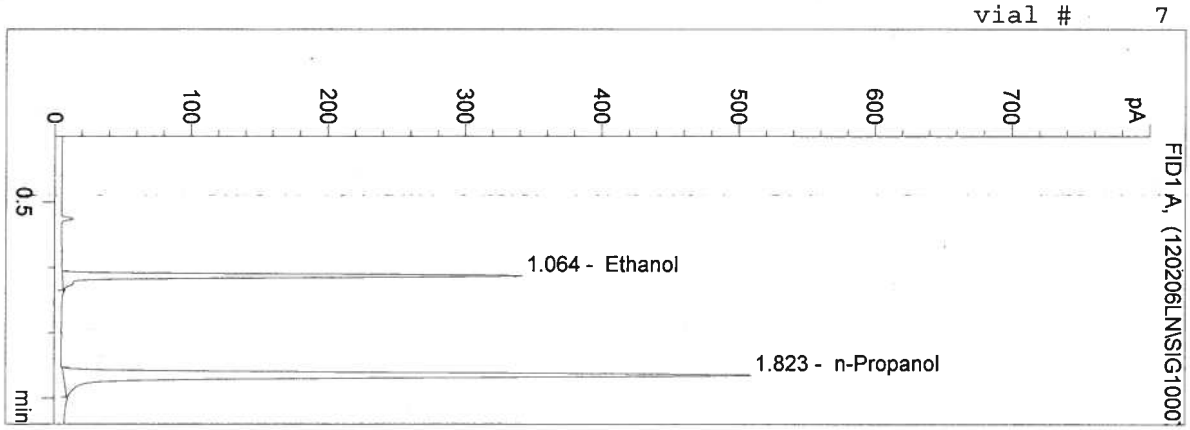
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 2:36:31 PM
Instrument 3
DB-ALC2

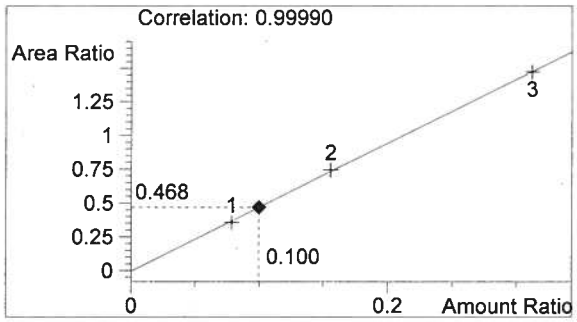
0.10 CTRL - LN
Lisa Noble

vial # 7

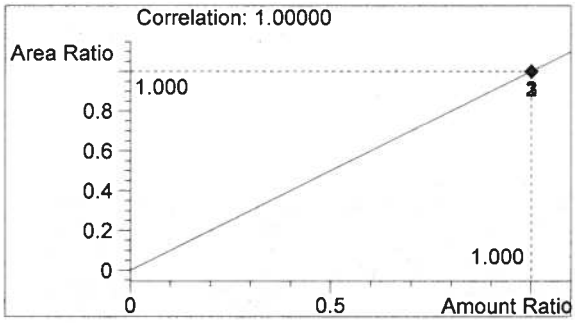


#	Compound	Area	RT
1	Ethanol	654	1.064
2	n-Propanol	1397	1.823

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

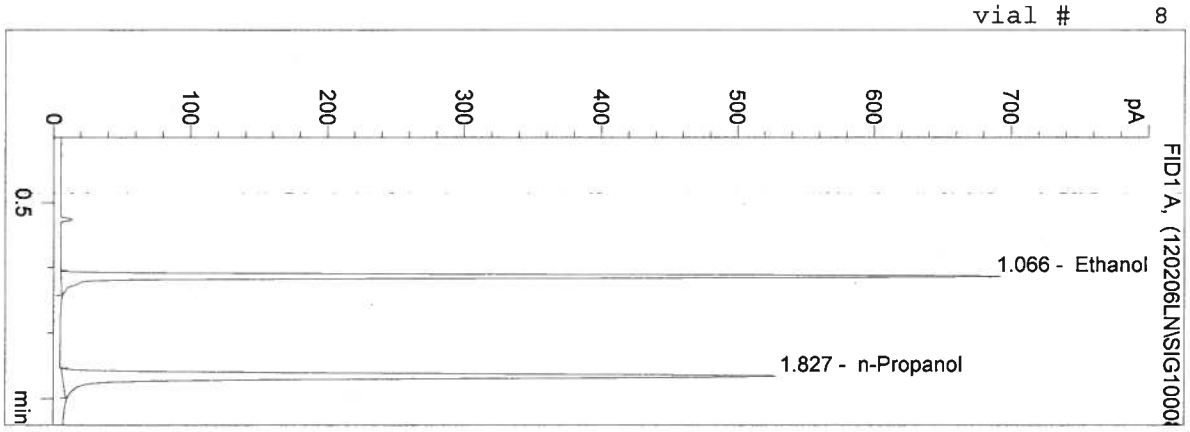
12006

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/6/2012 2:39:38 PM
Instrument 3
DB-ALC2

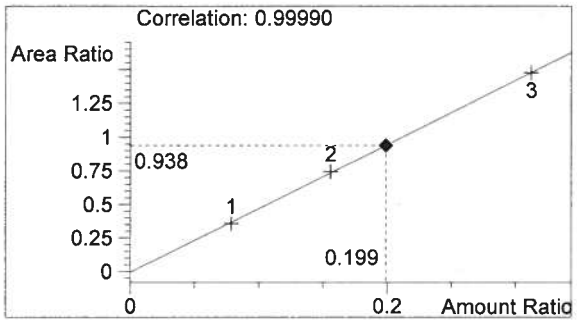
0.20 CTRL - LN
Lisa Noble

vial # 8

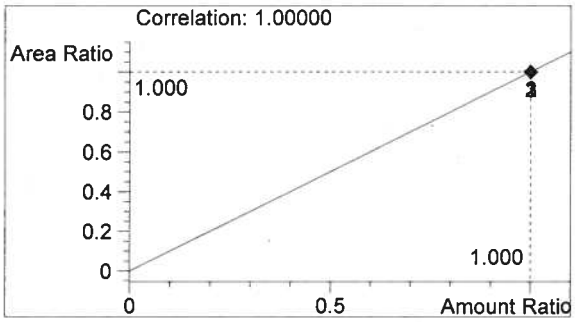


#	Compound	Area	RT
1	Ethanol	1365	1.066
2	n-Propanol	1455	1.827

Totals:



Ethanol 0.199 g/100ml



n-Propanol 1.000 g/100ml

12006

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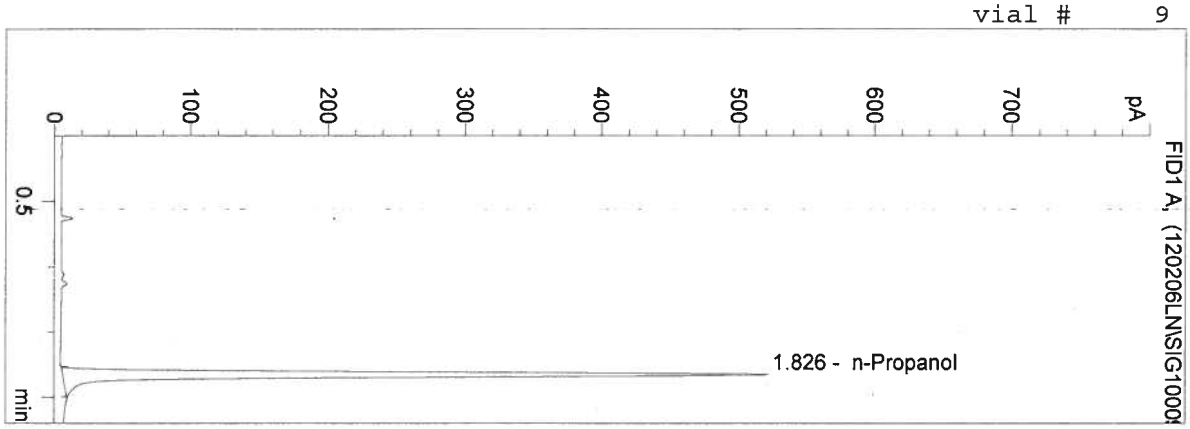
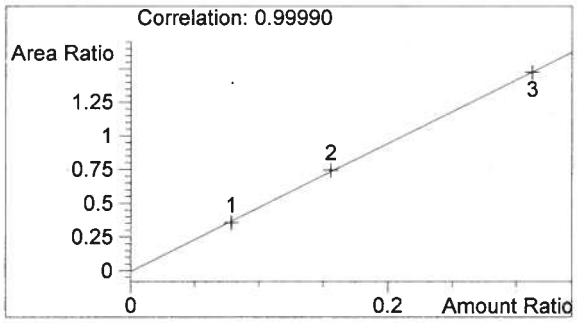
2/6/2012 2:42:45 PM
Instrument 3
DB-ALC2

NEG CTRL - LN
Lisa Noble

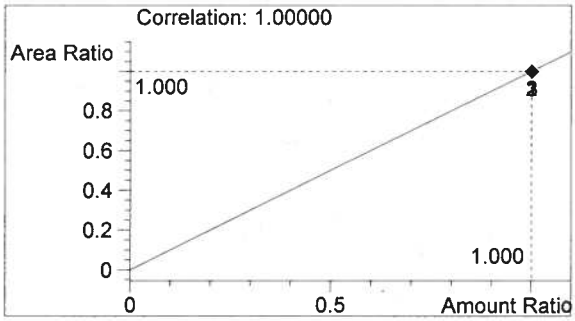
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1439	1.826
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

LN

12006

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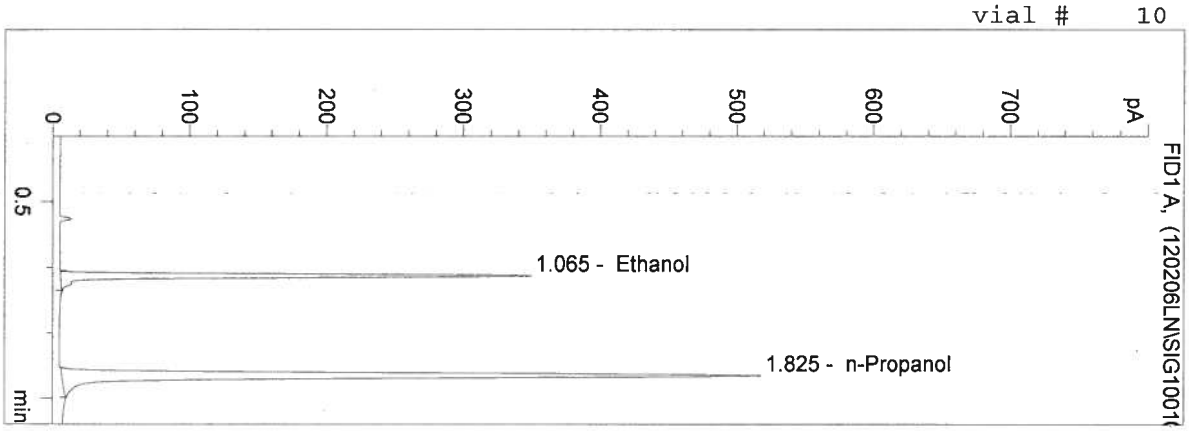
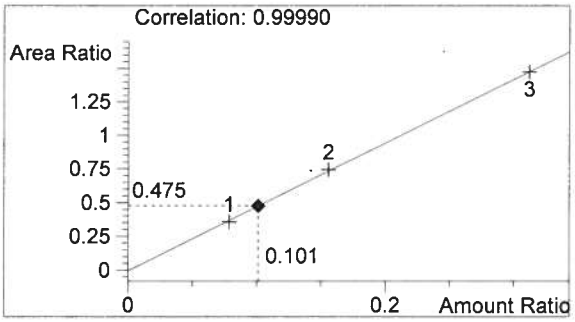
2/6/2012 2:45:52 PM
Instrument 3
DB-ALC2

12006 #1
Lisa Noble

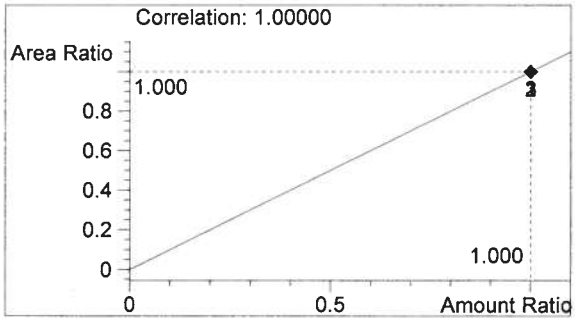
vial # 10



#	Compound	Area	RT
1	Ethanol	675	1.065
2	n-Propanol	1422	1.825
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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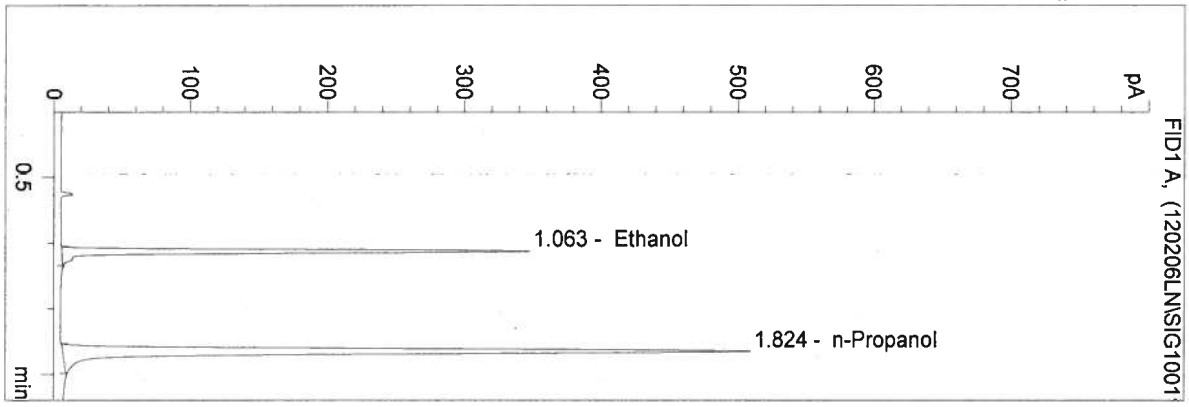
2/6/2012 2:48:59 PM
Instrument 3
DB-ALC2

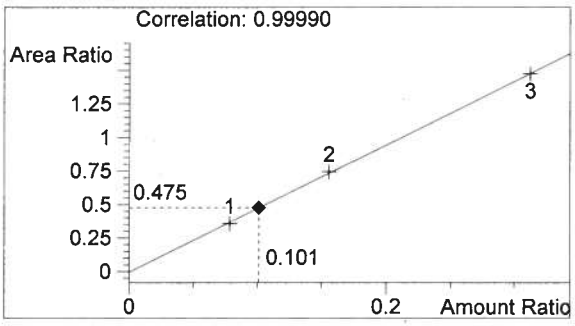
12006 #2
Lisa Noble

vial # 11

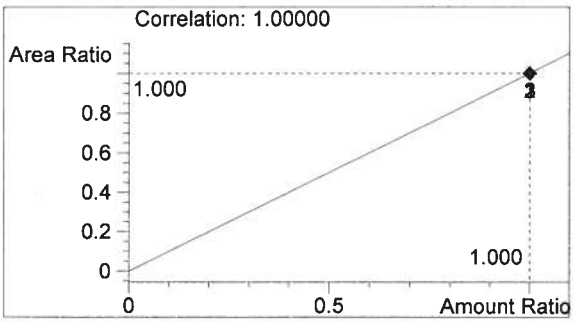


#	Compound	Area	RT
1	Ethanol	662	1.063
2	n-Propanol	1393	1.824

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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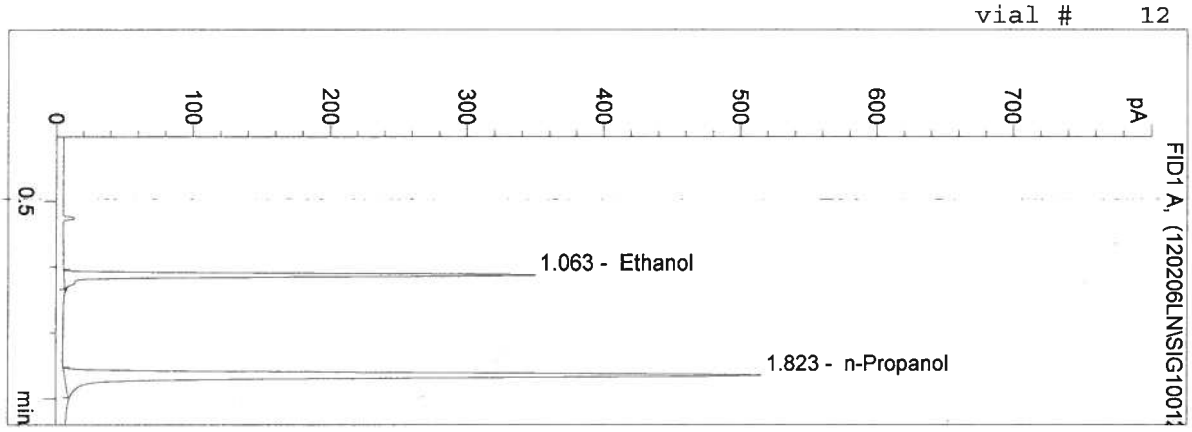
2/6/2012 2:52:07 PM
Instrument 3
DB-ALC2

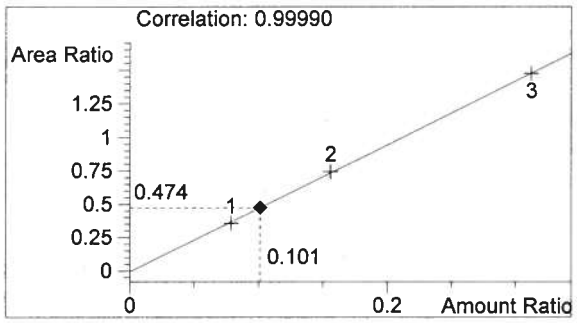
12006 #3
Lisa Noble

vial # 12

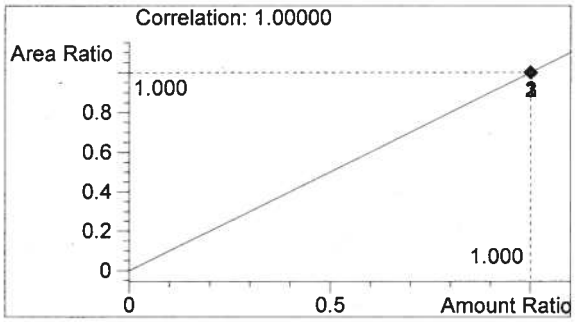


#	Compound	Area	RT
1	Ethanol	671	1.063
2	n-Propanol	1416	1.823

Totals:



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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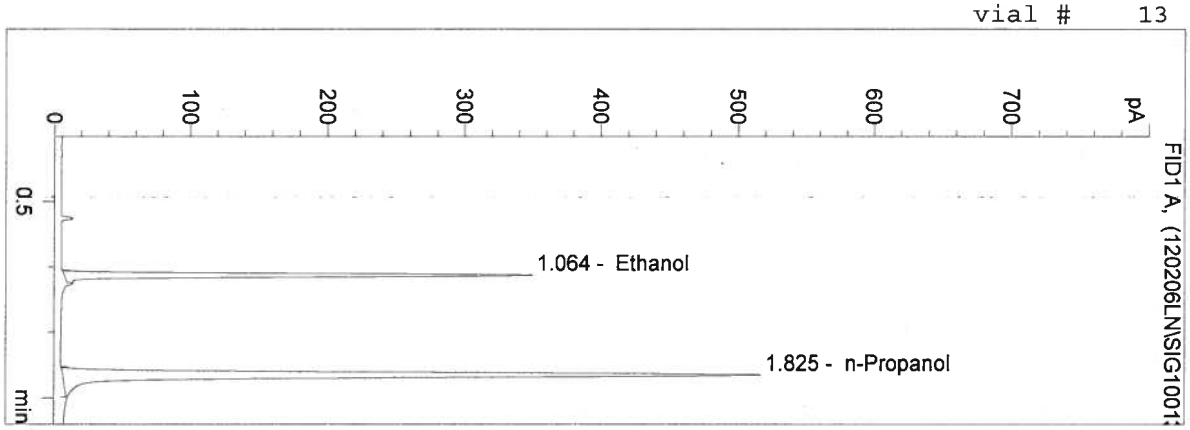
2/6/2012 2:55:14 PM
Instrument 3
DB-ALC2

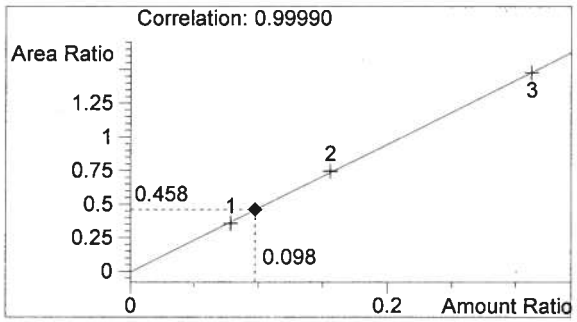
12006 #4
Lisa Noble

vial # 13

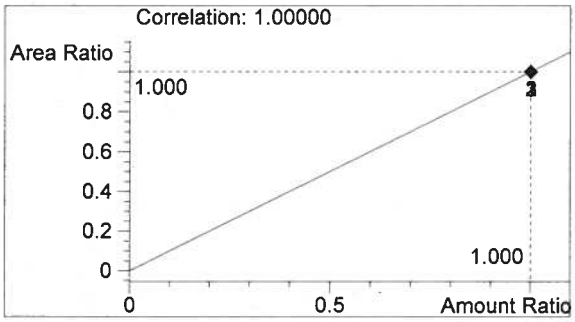


#	Compound	Area	RT
1	Ethanol	649	1.064
2	n-Propanol	1417	1.825

Totals:



Ethanol 0.098 g/100ml



n-Propanol 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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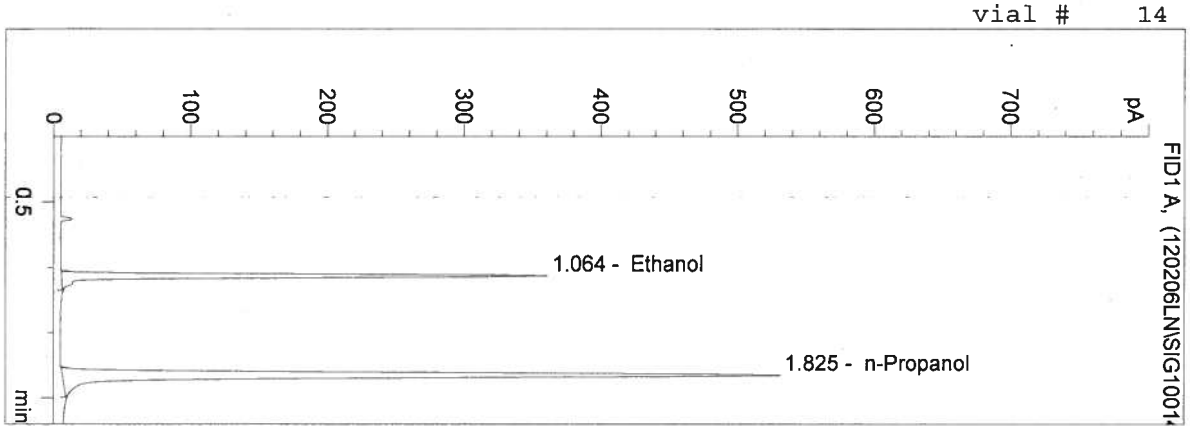
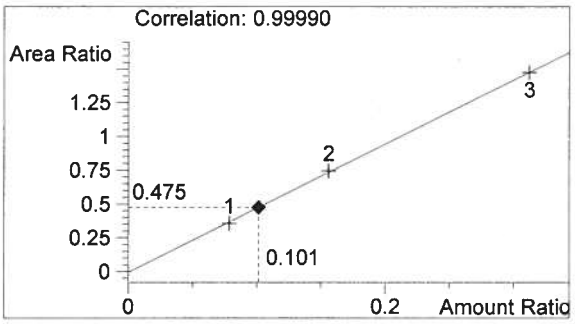
2/6/2012 2:58:21 PM
Instrument 3
DB-ALC2

12006 #5
Lisa Noble

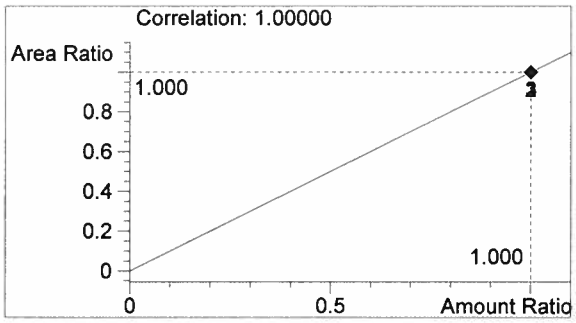
vial # 14



#	Compound	Area	RT
1	Ethanol	693	1.064
2	n-Propanol	1457	1.825
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

fn

WASHINGTON STATE TOXICOLOGY LABORATORY

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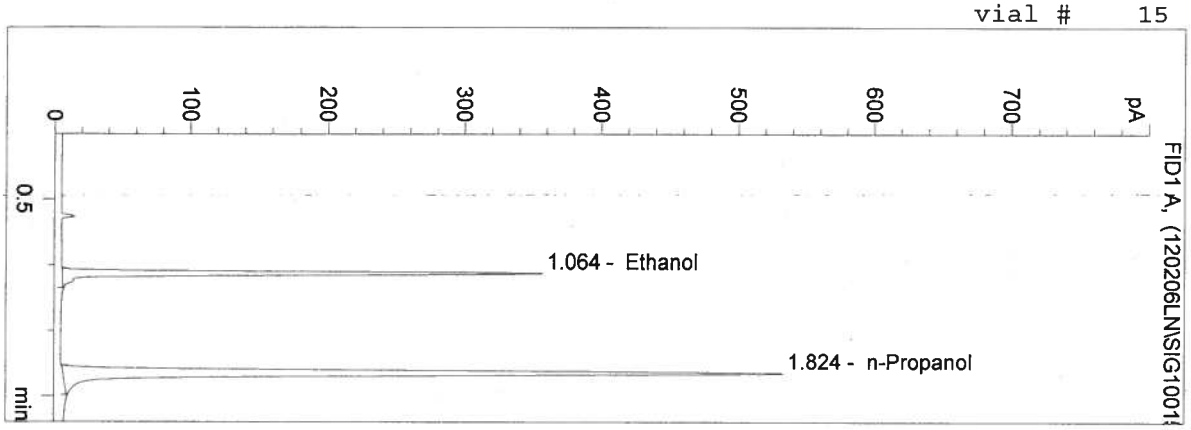
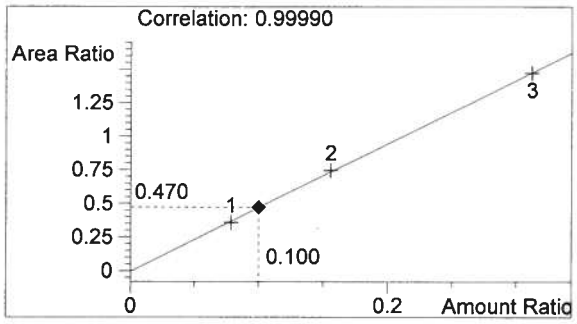
2/6/2012 3:01:28 PM
Instrument 3
DB-ALC2

0.10 CTRL - LN
Lisa Noble

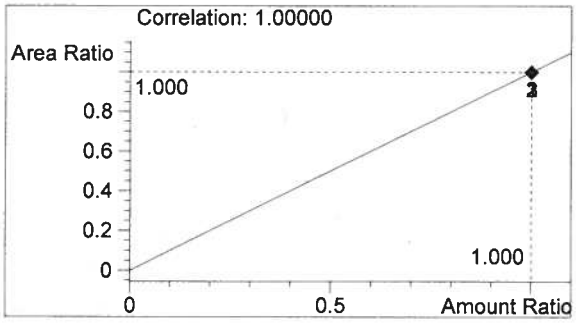
vial # 15



#	Compound	Area	RT
1	Ethanol	686	1.064
2	n-Propanol	1459	1.824
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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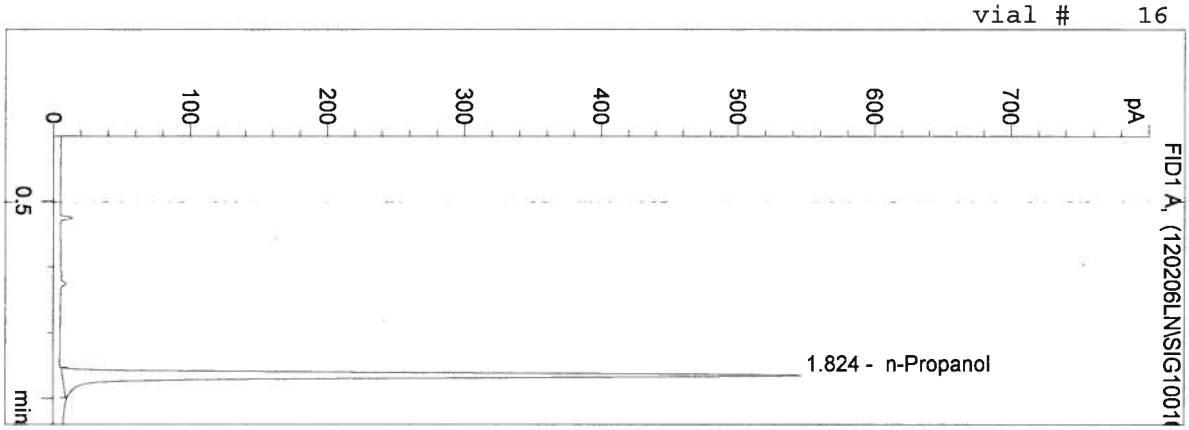
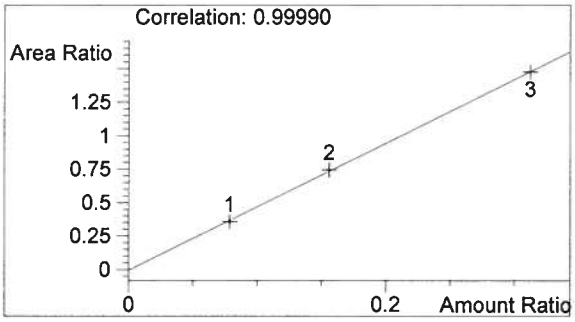
2/6/2012 3:04:36 PM
Instrument 3
DB-ALC2

NEG CTRL - LN
Lisa Noble

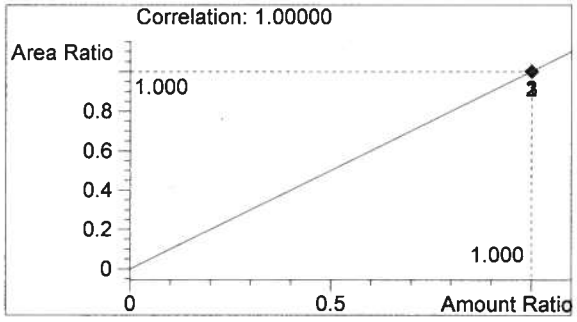
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1497	1.824
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

fn

Sequence Parameters:

Operator:	Naziha Nuwayhid, PhD
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\2\DATA\
Data Subdirectory:	120208NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
Cal 1- Lot# E1111-01 - exp 2/10/2012
Cal 2- Lot# E1111-02 - exp 2/10/2012
Cal 3- Lot# E1111-03 - exp 2/10/2012

0.04 Control - Lot # A077459 - exp 02/2015
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Sample Information Part:

Line	Location	Sample Information
1	Vial 1	
2	Vial 2	Lot# E1111-01
3	Vial 3	Lot# E1111-02
4	Vial 4	Lot# E1111-03
5	Vial 5	
6	Vial 6	
7	Vial 7	
8	Vial 8	
9	Vial 9	
10	Vial 10	
11	Vial 11	
12	Vial 12	
13	Vial 13	
14	Vial 14	

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ND 2/8/12

Sequence: C:\HPCHEM\2\SEQUENCE\NNESS3.S

Line	Location	Sample Information
15	Vial 15	Lot#A075806
16	Vial 16	

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC3	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC3	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC3	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC3	1	Calib		
5	Vial 5	NEG CTRL-NN	SIMALC3	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-NN	SIMALC3	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-NN	SIMALC3	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-NN	SIMALC3	1	Ctrl Samp		
9	Vial 9	NEG CTRL-NN	SIMALC3	1	Ctrl Samp		
10	Vial 10	ESS 12006-1	SIMALC3	1	Sample		
11	Vial 11	ESS 12006-2	SIMALC3	1	Sample		
12	Vial 12	ESS 12006-3	SIMALC3	1	Sample		
13	Vial 13	ESS 12006-4	SIMALC3	1	Sample		
14	Vial 14	ESS 12006-5	SIMALC3	1	Sample		
15	Vial 15	0.10 CTRL-NN	SIMALC3	1	Ctrl Samp		
16	Vial 16	NEG CTRL-NN	SIMALC3	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC3	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC3	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC3	3	Replace	Replace	

Sequence Table (Back Injector):

No entries - empty table!

12006

NN 2/8/12

Calibration Table

Calib. Data Modified : Wednesday, February 08, 2012 11:38:46 AM

Calculate : Internal Standard
Based on : Peak Area

Rel. Reference Window : 5.000 %
Abs. Reference Window : 0.050 min
Rel. Non-ref. Window : 5.000 %
Abs. Non-ref. Window : 0.050 min
Use Multiplier & Dilution Factor with ISTDs
Uncalibrated Peaks : not reported
Partial Calibration : No recalibration if peaks missing

Curve Type : Linear
Origin : Included
Weight : Equal

Recalibration Settings:
Average Response : No Update
Average Retention Time: No Update

Calibration Report Options :
Printout of recalibrations within a sequence:
Normal Report after Recalibration

Default Sample ISTD Information (if not set in sample table):

ISTD #	ISTD Amount [g/100mL]	Name
1	1.00000	n-Propanol

Signal 1: FID1 A,

RetTime [min]	Lvl	Sig		Amount [g/100mL]	Area	Amt/Area	Ref	Grp	Name
1.064	1		1	7.86300e-2	518.87061	1.51541e-4		1	Ethanol
			2	1.55890e-1	1043.06958	1.49453e-4			
			3	3.12180e-1	2048.99292	1.52358e-4			
1.823	1		1	1.00000	1405.95740	7.11259e-4	I1		n-Propanol
			2	1.00000	1406.32349	7.11074e-4			
			3	1.00000	1395.43335	7.16623e-4			

Peak Sum Table

No Entries in table

12006

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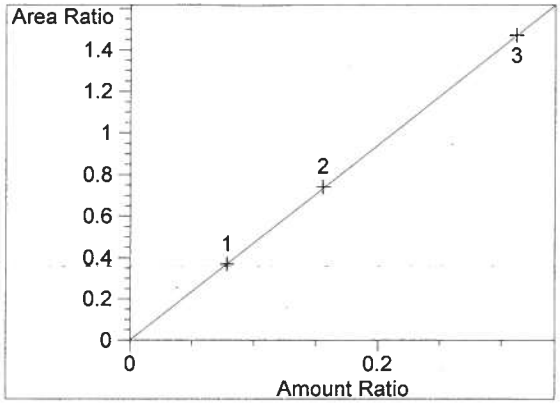
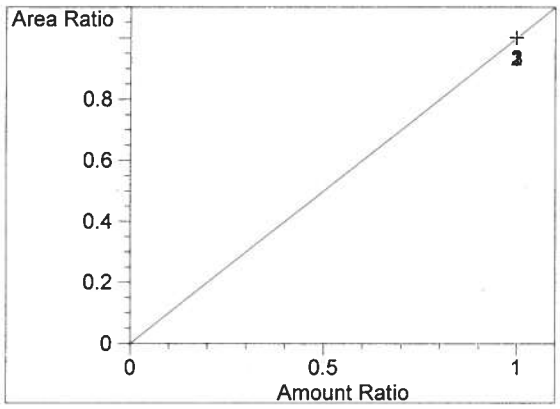
Calibration Curves

==========



Ethanol at exp. RT: 1.064
FID1 A,
Correlation: 0.99998
Residual Std. Dev.: 0.00532
Formula: y = mx + b
m: 4.70747
b: 1.38308e-3
x: Amount Ratio
y: Area Ratio



n-Propanol at exp. RT: 1.823
FID1 A,
Correlation: 1.00000
Residual Std. Dev.: 0.00000
Formula: y = mx + b
m: 1.00000
b: 0.00000
x: Amount Ratio
y: Area Ratio

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12006

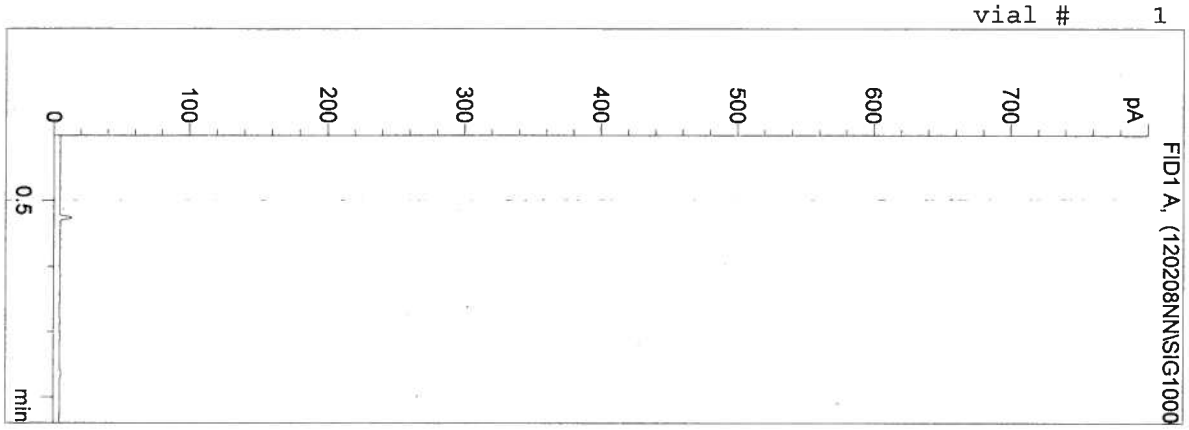
NW 2/8/12

WASHINGTON STATE TOXICOLOGY LABORATORY

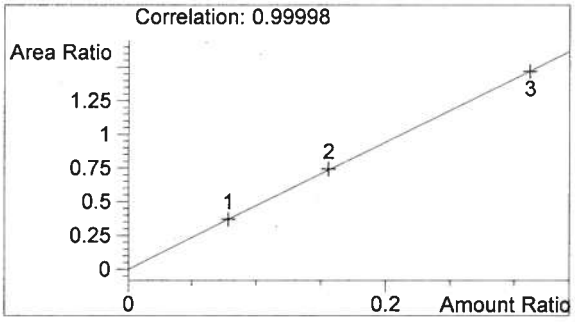
C:\HPCHEM\2\METHODS\SIMALC3.M
2/8/2012 11:27:12 AM
Instrument 3
DB-ALC2

BLANK
Naziha Nuwayhid, PhD

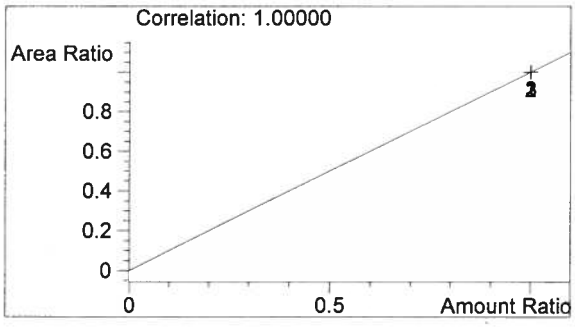
vial # 1



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Totals:			



Ethanol 0.000 g/100ml



n-Propanol 0.000 g/100ml

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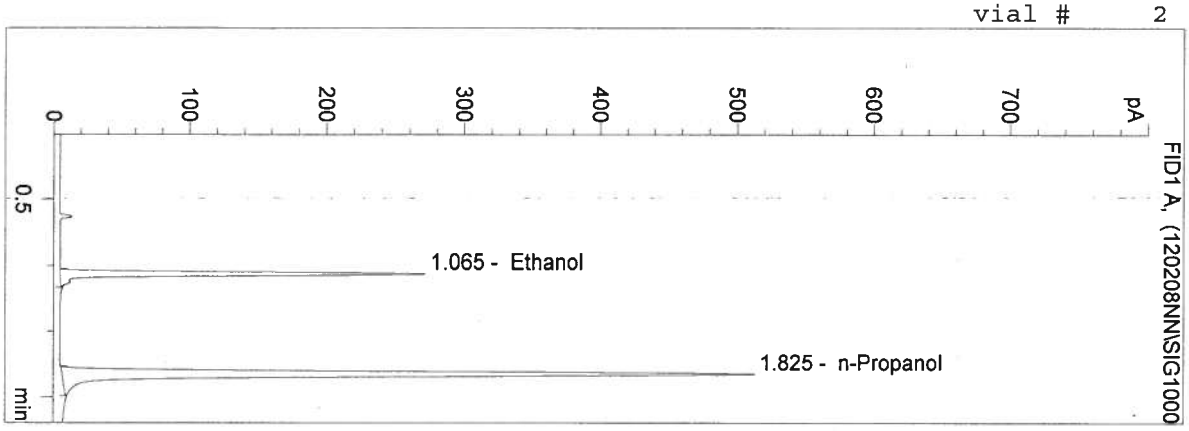
NN 2/8/12

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC3.M
2/8/2012 11:30:20 AM
Instrument 3
DB-ALC2

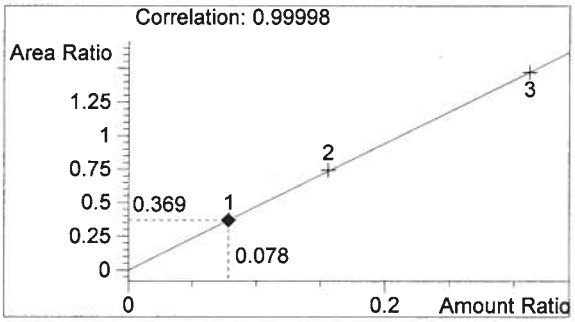
0.079 CAL 1
Naziha Nuwayhid, PhD

vial # 2

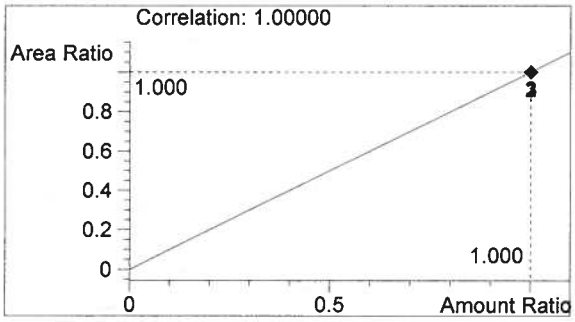


#	Compound	Area	RT
1	Ethanol	519	1.065
2	n-Propanol	1406	1.825

Totals:



Ethanol 0.078 g/100ml



n-Propanol 1.000 g/100ml

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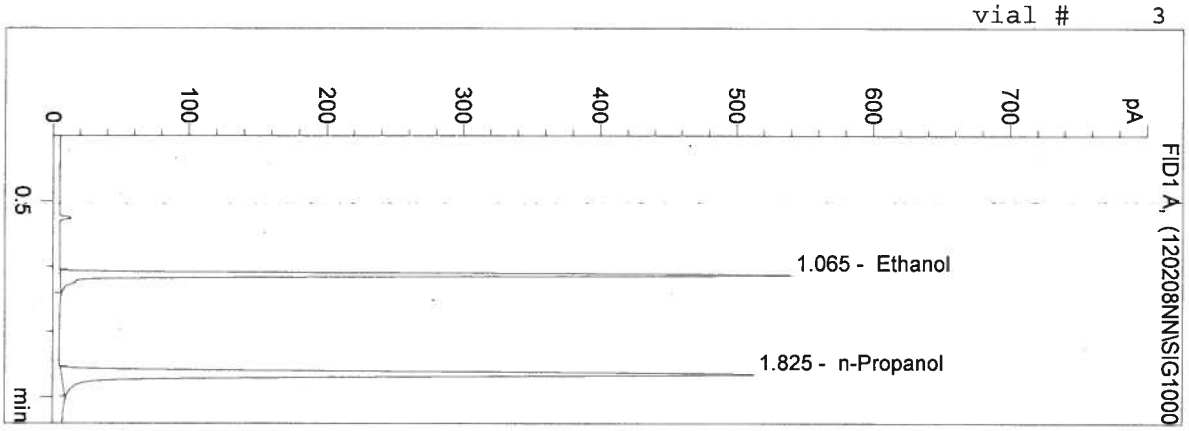
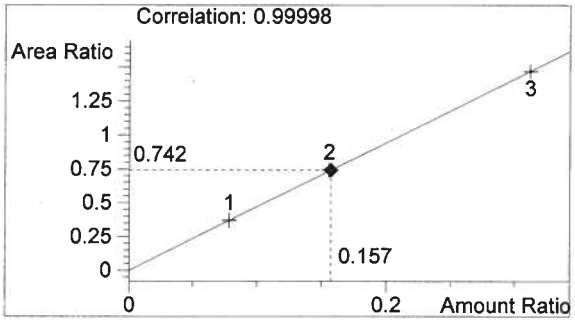
2/8/2012 11:33:27 AM
Instrument 3
DB-ALC2

0.158 CAL 2
Naziha Nuwayhid, PhD

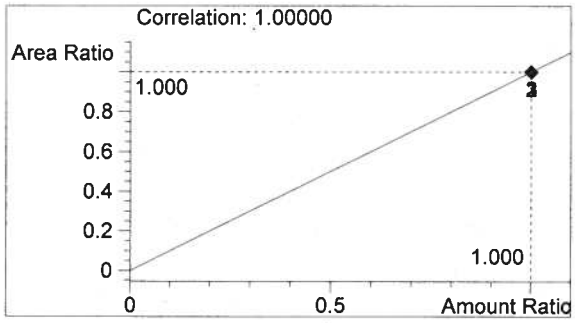
vial # 3



#	Compound	Area	RT
1	Ethanol	1043	1.065
2	n-Propanol	1406	1.825
Totals:			



Ethanol 0.157 g/100ml



n-Propanol 1.000 g/100ml

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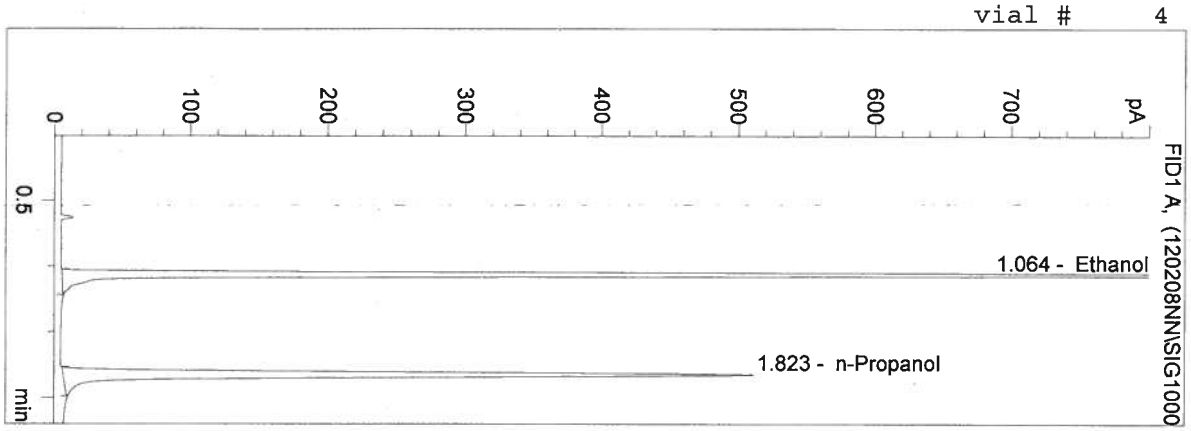
2/8/2012 11:36:34 AM
Instrument 3
DB-ALC2

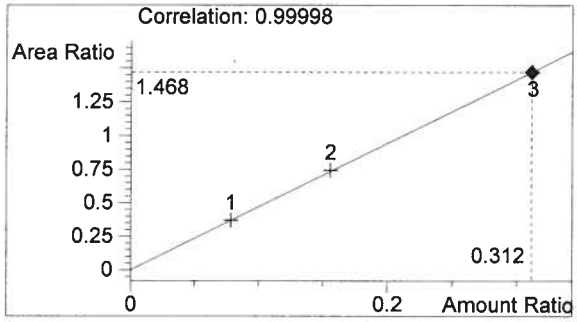
0.316 CAL 3
Naziha Nuwayhid, PhD

vial # 4

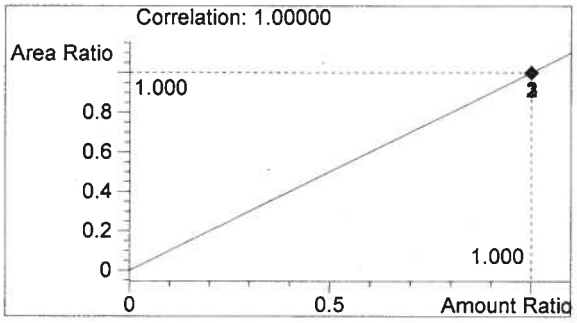


#	Compound	Area	RT
1	Ethanol	2049	1.064
2	n-Propanol	1395	1.823

Totals:



Ethanol 0.312 g/100ml



n-Propanol 1.000 g/100ml

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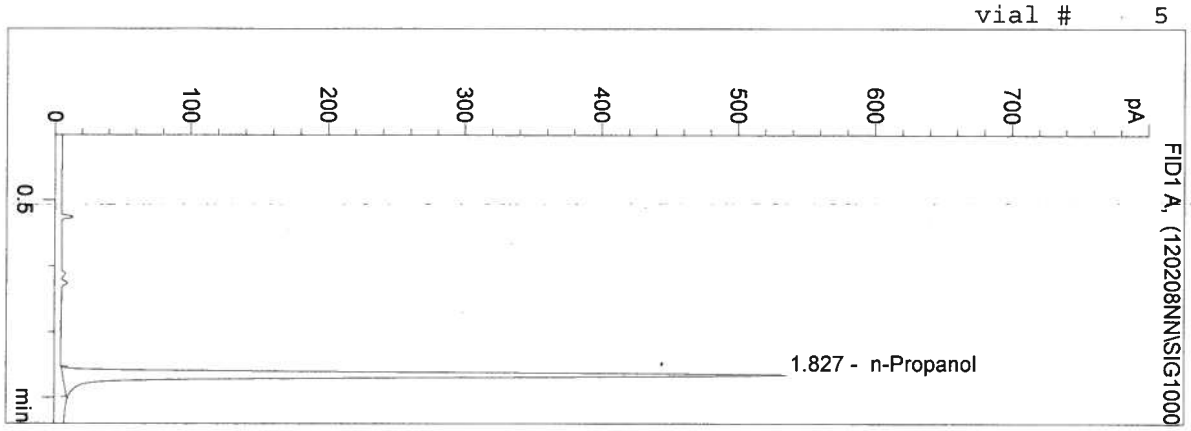
Instrument 3
DB-ALC2

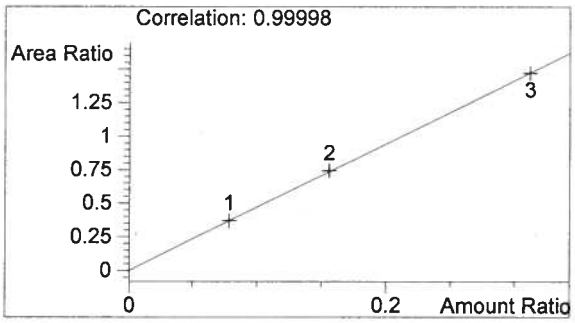
NEG CTRL-NN
Naziha Nuwayhid, PhD

vial # 5

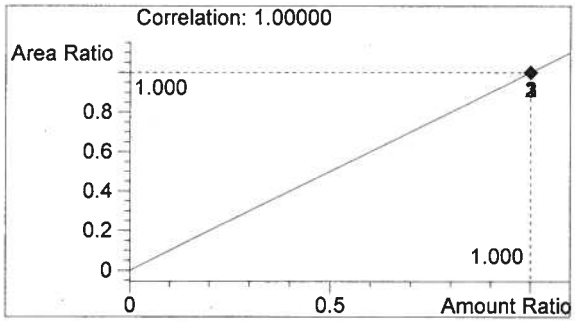


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1477	1.827

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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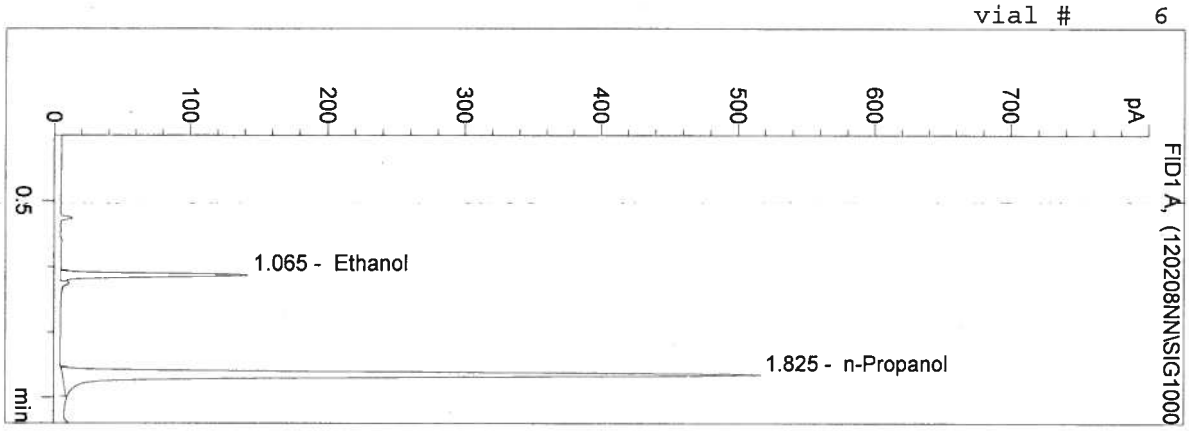
Instrument 3
DB-ALC2

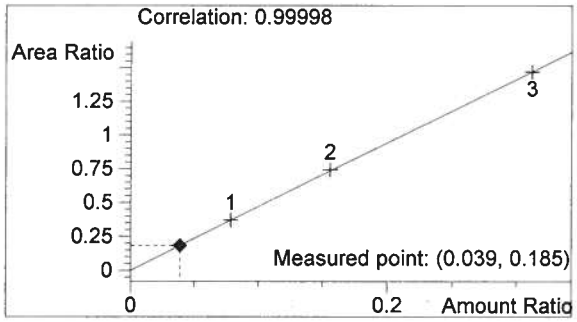
0.04 CTRL-NN
Naziha Nuwayhid, PhD

vial # 6

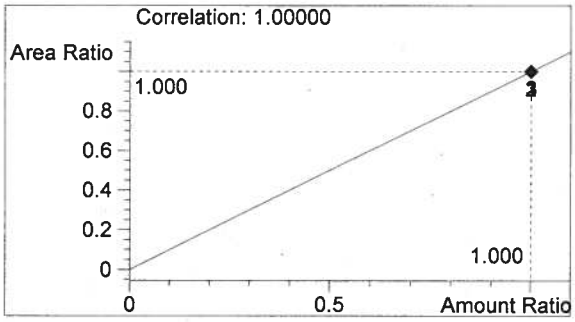


#	Compound	Area	RT
1	Ethanol	262	1.065
2	n-Propanol	1418	1.825

Totals:



Ethanol 0.039 g/100ml



n-Propanol 1.000 g/100ml

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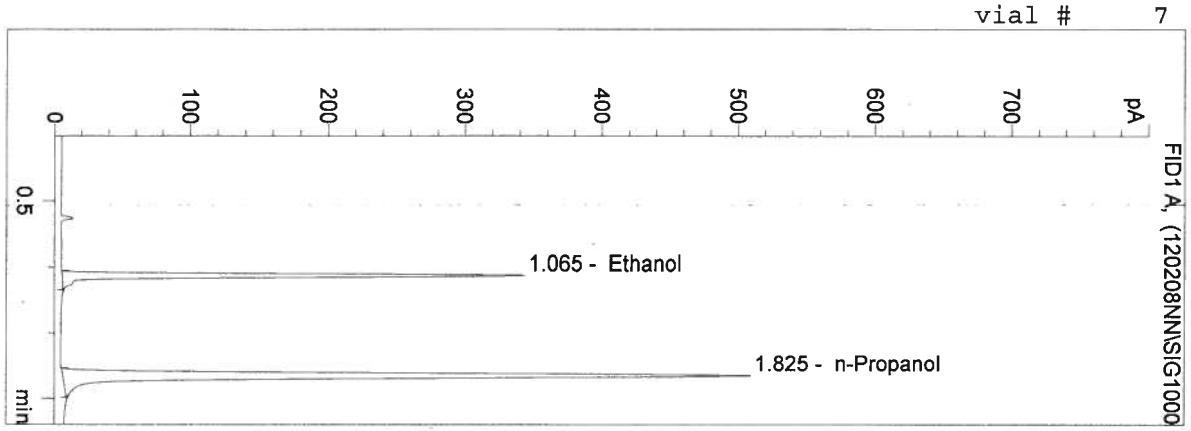
Instrument 3
DB-ALC2

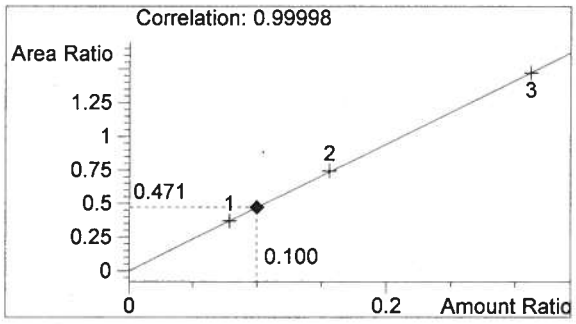
0.10 CTRL-NN
Naziha Nuwayhid, PhD

vial # 7

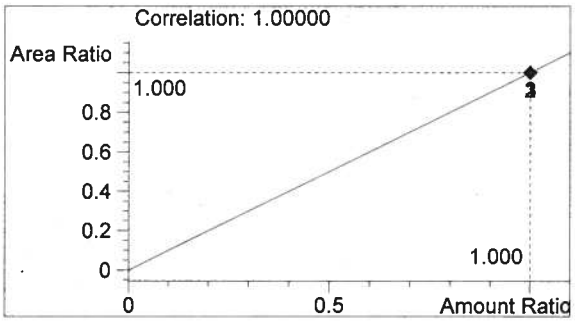


#	Compound	Area	RT
1	Ethanol	658	1.065
2	n-Propanol	1395	1.825

Totals:



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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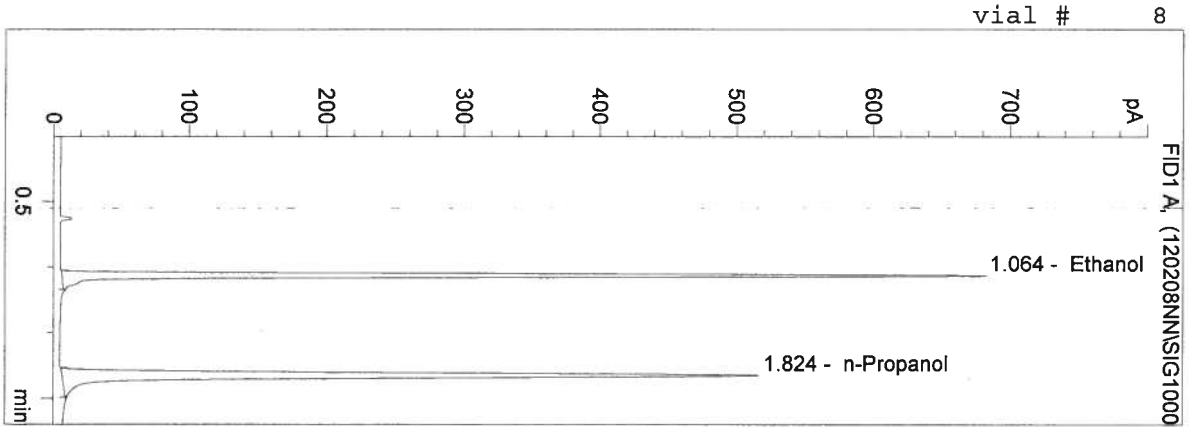
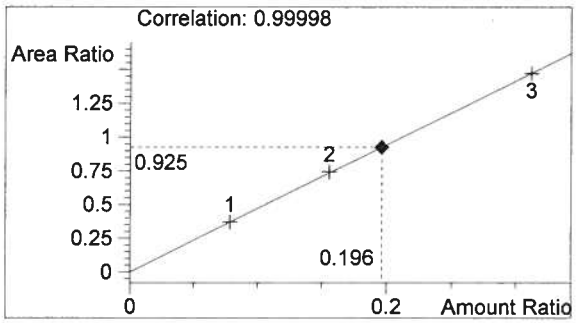
Instrument 3
DB-ALC2

0.20 CTRL-NN
Naziha Nuwayhid, PhD

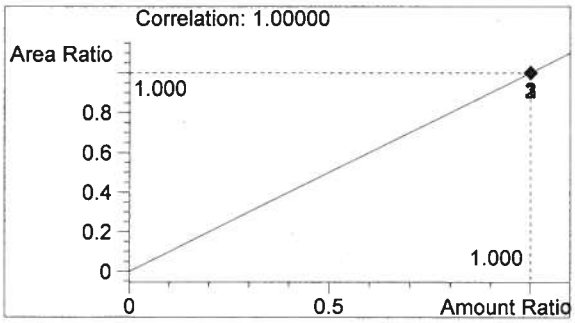
vial # 8



#	Compound	Area	RT
1	Ethanol	1307	1.064
2	n-Propanol	1413	1.824
Totals:			



Ethanol 0.196 g/100ml



n-Propanol 1.000 g/100ml

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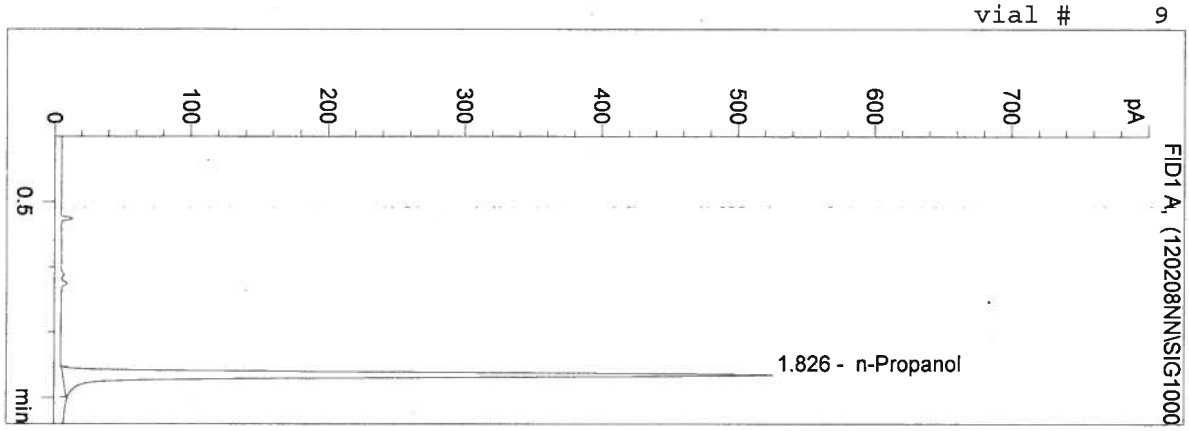
Instrument 3
DB-ALC2

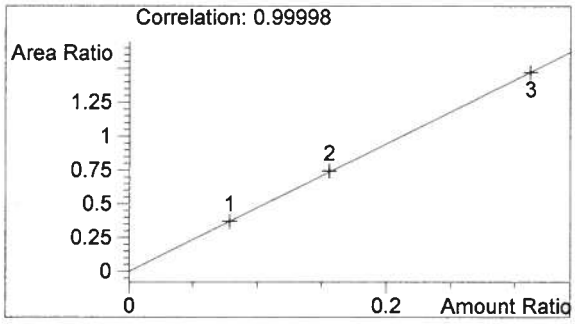
NEG CTRL-NN
Naziha Nuwayhid, PhD

vial # 9

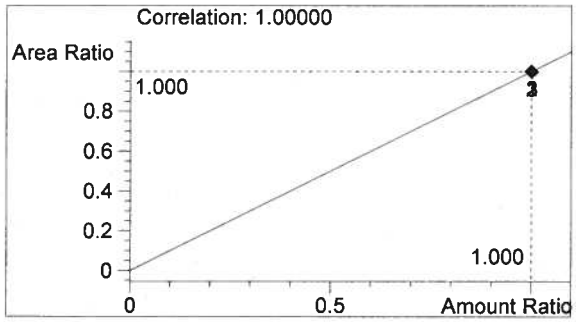


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1447	1.826

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

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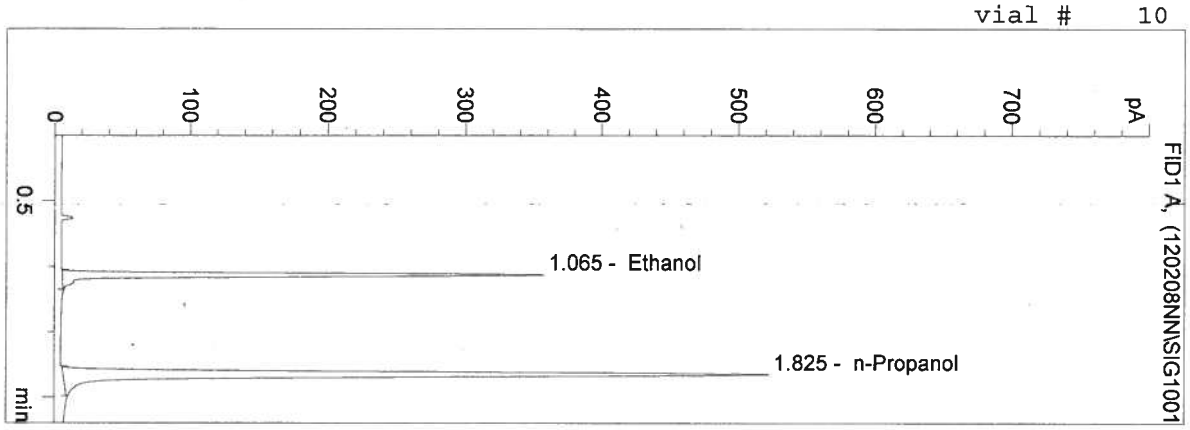
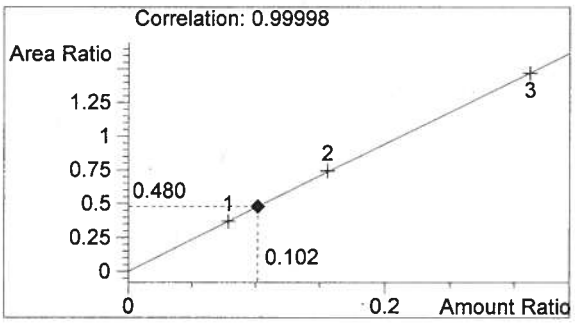
Instrument 3
DB-ALC2

ESS 12006-1
Naziha Nuwayhid, PhD

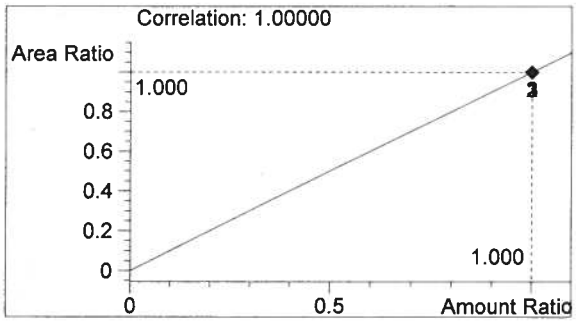
vial # 10



#	Compound	Area	RT
1	Ethanol	689	1.065
2	n-Propanol	1436	1.825
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

NN 2/8/12

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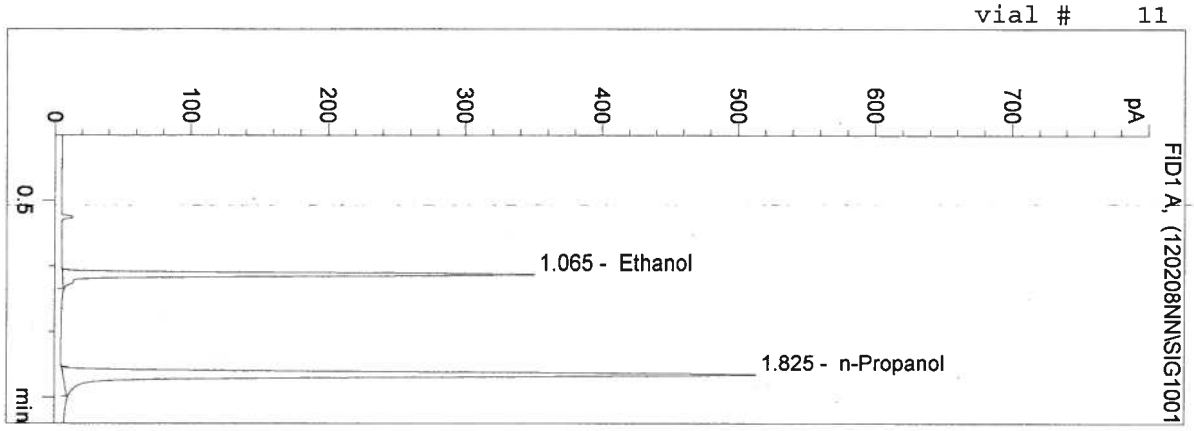
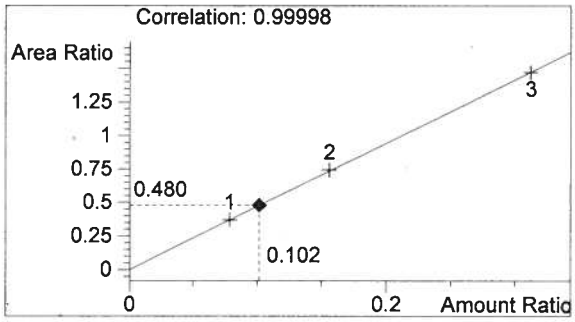
Instrument 3
DB-ALC2

ESS 12006-2
Naziha Nuwayhid, PhD

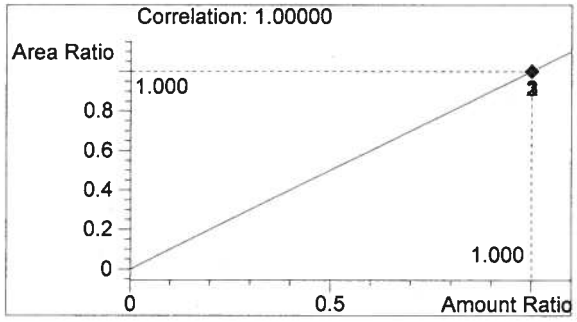
vial # 11



#	Compound	Area	RT
1	Ethanol	678	1.065
2	n-Propanol	1413	1.825
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

NN 2/8/12

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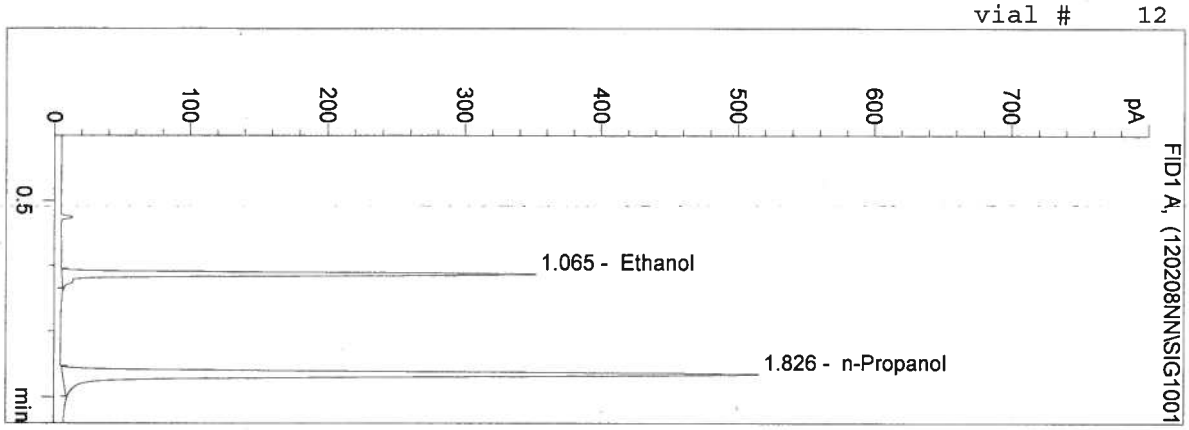
Instrument 3
DB-ALC2

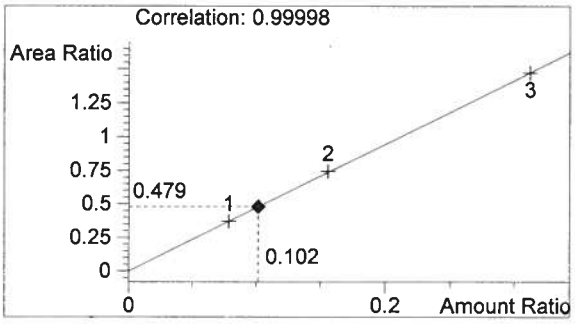
ESS 12006-3
Naziha Nuwayhid, PhD

vial # 12

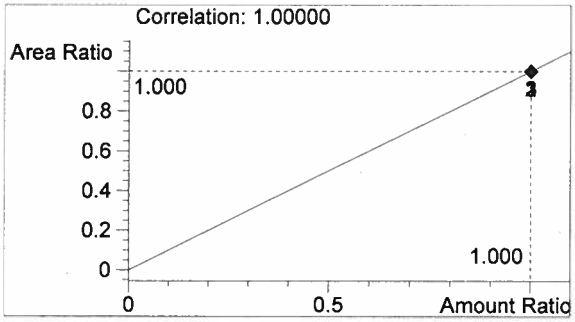


#	Compound	Area	RT
1	Ethanol	679	1.065
2	n-Propanol	1416	1.826

Totals:



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

NN 2/8/12

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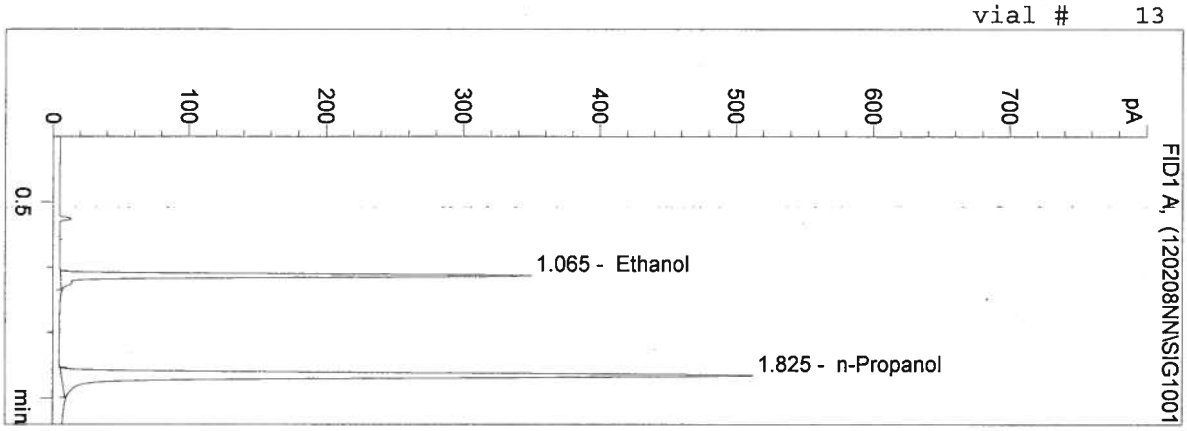
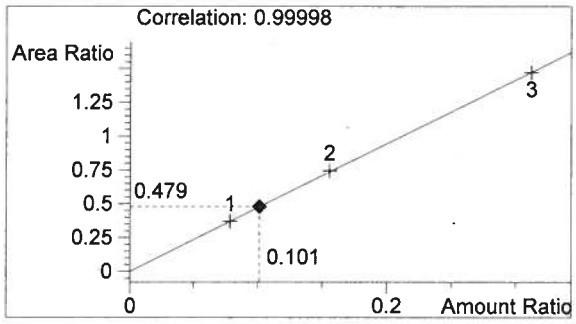
Instrument 3
DB-ALC2

ESS 12006-4
Naziha Nuwayhid, PhD

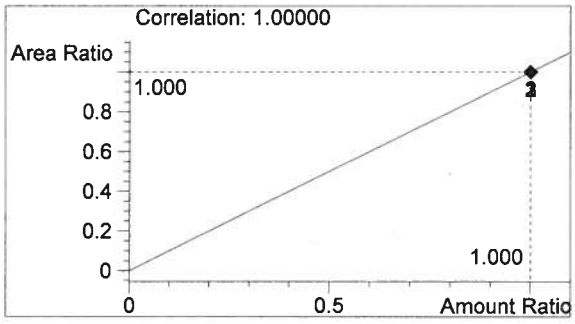
vial # 13



#	Compound	Area	RT
1	Ethanol	676	1.065
2	n-Propanol	1411	1.825
Totals:			



Ethanol 0.101 g/100ml



n-Propanol 1.000 g/100ml

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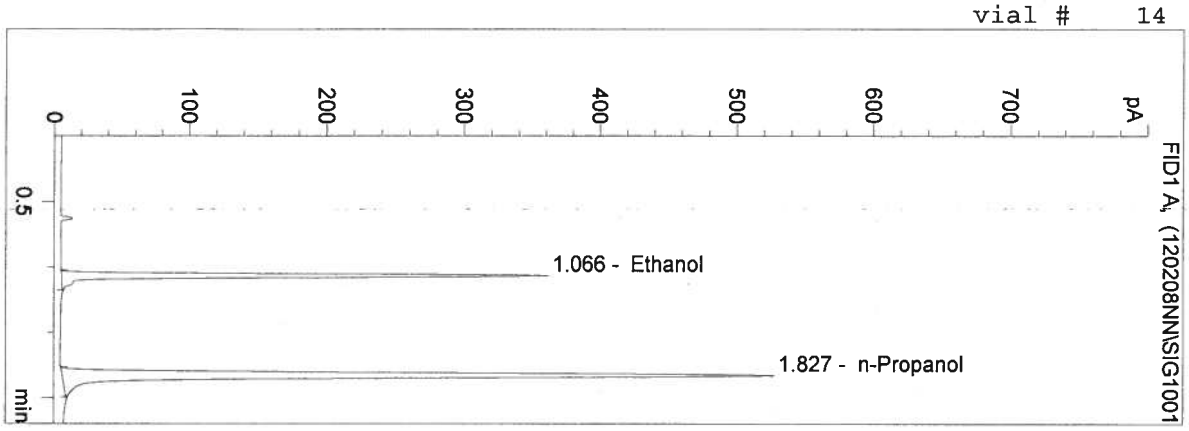
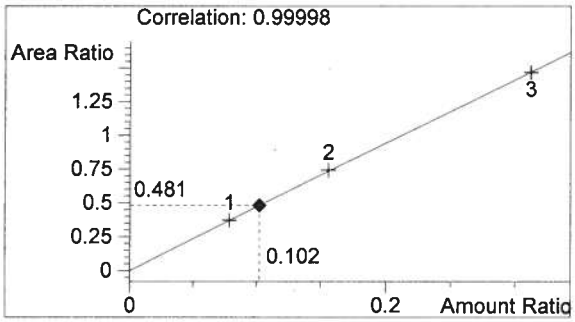
Instrument 3
DB-ALC2

ESS 12006-5
Naziha Nuwayhid, PhD

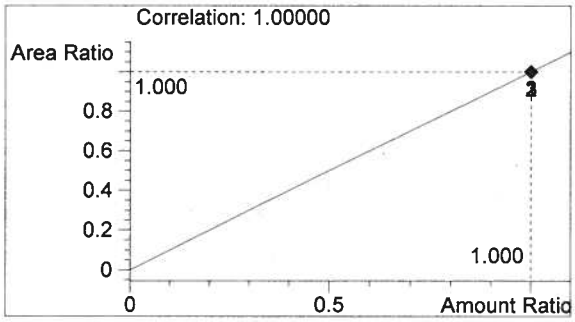
vial # 14



#	Compound	Area	RT
1	Ethanol	700	1.066
2	n-Propanol	1455	1.827
Totals:			



Ethanol 0.102 g/100ml



n-Propanol 1.000 g/100ml

NN 2/8/12

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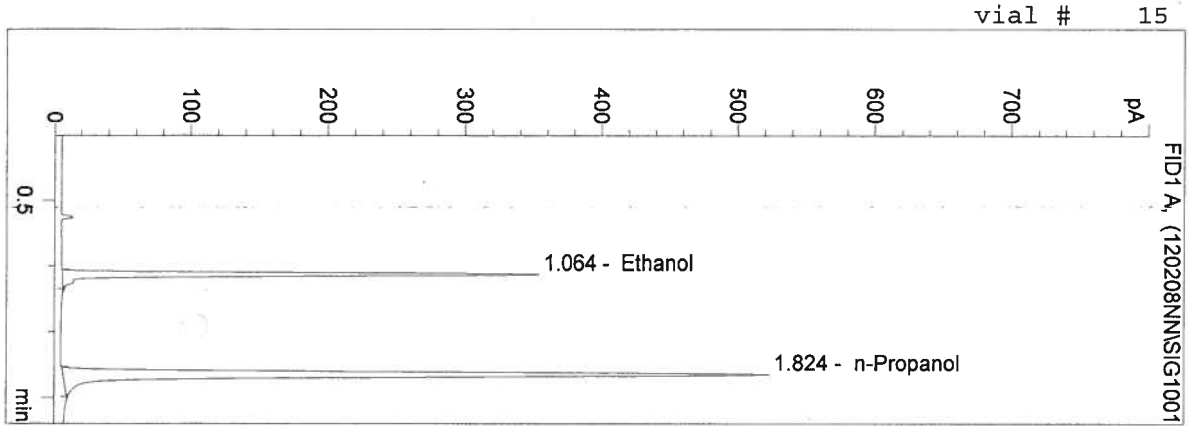
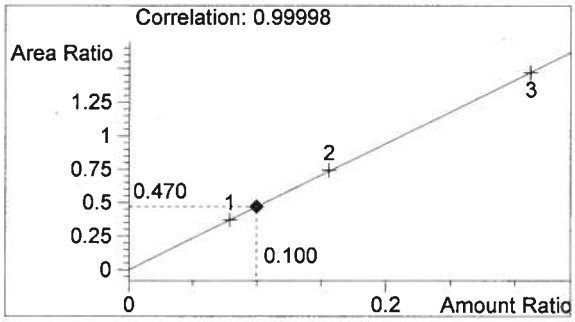
Instrument 3
DB-ALC2

0.10 CTRL-NN
Naziha Nuwayhid, PhD

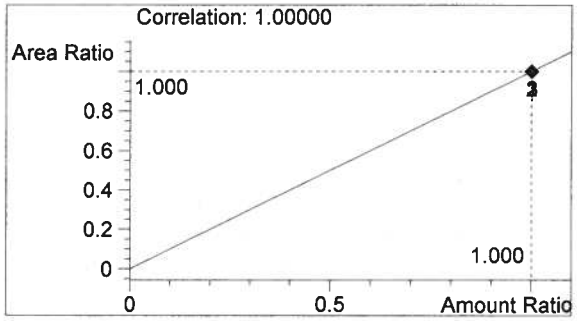
vial # 15



#	Compound	Area	RT
1	Ethanol	673	1.064
2	n-Propanol	1432	1.824
Totals:			



Ethanol 0.100 g/100ml



n-Propanol 1.000 g/100ml

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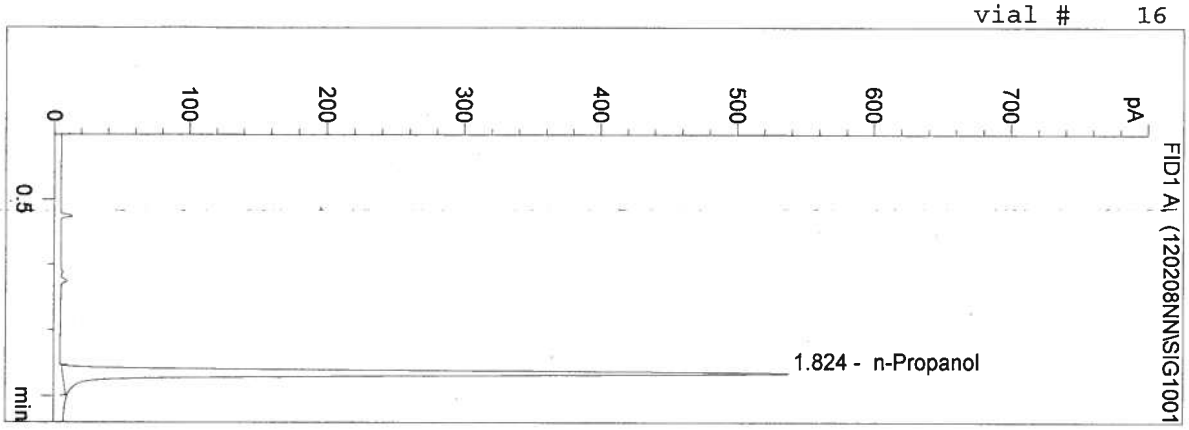
Instrument 3
DB-ALC2

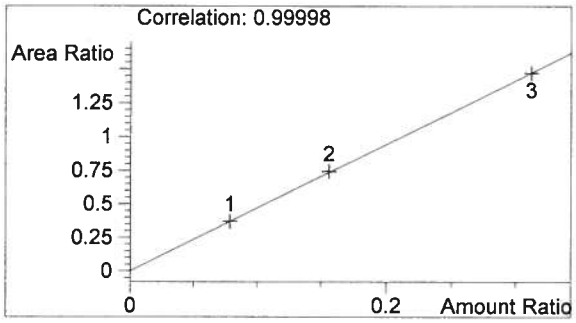
NEG CTRL-NN
Naziha Nuwayhid, PhD

vial # 16

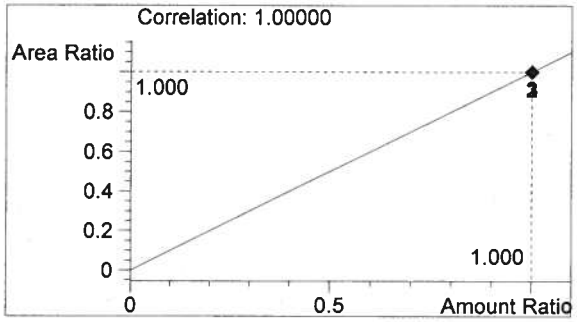


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	1478	1.824

Totals:



Ethanol 0.000 g/100ml



n-Propanol 1.000 g/100ml

12006

NN 2/8/12