Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Rod Gullberg / RANDOLPH VRANISH **Date:** 8-10-09

Location: TOX LAB - Seattle **Solution Batch Number:** 09027

	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: R S Gullberg **Date:** 8-10-2009

Reviewer Signature: [signature] **Date:** 8-10-09

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 09027

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: 07/08/2009
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Sarah M. Swenson

	SMS	GS	LN	NN	CM	CSJ	BEA	JLK
1	0.101	0.102	0.103	0.101	0.101	0.102	0.101	0.101
2	0.101	0.101	0.101	0.103	0.101	0.101	0.101	0.101
3	0.101	0.101	0.103	0.103	0.101	0.101	0.101	0.103
4	0.101	0.101	0.102	0.102	0.101	0.101	0.102	0.100
5	0.103	0.101	0.103	0.103	0.101	0.101	0.103	0.101
C	0.101	0.099	0.101	0.100	0.099	0.100	0.099	0.099

ETHANOL CONTROL INFORMATION
LOT NUMBER: A064767 EXPIRATION: 04/2013 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1016 g/100mL
STANDARD DEVIATION: 0.00088
PRECISION CV (%): 0.86
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0826 g/210L**
EXPANDED UNCERTAINTY: ± 0.0028 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 — Melissa L. Pemberton, Forensic Scientist Supervisor

8/11/09 — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
SMS	Sarah M. Swenson		07/08/2009
GS	Gwynyth Scherperel	Gwynyth Scherperel Almendarez	07/09/2009
LN	Lisa Noble	Lisa Noble	07/09/2009
NN	Naziha Nuwayhid		07/17/2009
CM	Christie Mitchell	Christie Mitchell	07/21/2009
CSJ	Christopher S. Johnston		07/23/2009
BEA	Brianne E. Akins	Brianne E. Akins	07/27/2009
JLK	Justin L. Knoy		07/28/2009

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 #: 09027 **Date Prepared:** 7/8/2009

Analyst:	SS	GS	LN	NN	CM	BEA	JLK	CSJ
Date Tested:	7/8/2009	7/9/2009	7/9/2009	7/17/2009	7/21/2009	7/27/2009	7/28/2009	7/23/2009
Instrument:	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3	HS#3
1	0.101	0.102	0.103	0.101	0.101	0.101	0.101	0.102
2	0.101	0.101	0.101	0.103	0.101	0.101	0.101	0.101
3	0.101	0.101	0.103	0.103	0.101	0.101	0.103	0.101
4	0.101	0.101	0.102	0.102	0.101	0.102	0.100	0.101
5	0.103	0.101	0.103	0.103	0.101	0.103	0.101	0.101
C	0.101	0.099	0.101	0.100	0.099	0.099	0.099	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	CV^2_{Bias}	$CV^2_{Part\ Coef}$
0.0000000900	0.0000743441	0.0000789658	0.0000333333	0.0001016326

Ethanol Control Lot #: A064767
Control Uncertainty (%): 0.03
Maximum (-) Control Bias: 0.001
Maximum (+) Control Bias: 0.001

Average Solution Concentration: 0.1016 g/100mL
Standard Deviation: 0.00088 g/100mL
Precision CV (%): 0.86
Equivalent Vapor Concentration: 0.0826 g/210L
Combined Standard Uncertainty (±): 0.0014 g/210L
Expanded Uncertainty (±): 0.0028 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa Pemberton (Name) Melissa Pemberton (Signature) 7/31/09 (Date)

Calculations verified by: Rod G Gullberg (Name) (Signature) 8-10-09 (Date) Method: EXCEL

Technical review of batch file performed by:

Melissa L Pemberton (Melissa L. Pemberton) 8/11/09
Name Signature Date

SOLUTION CERTIFICATE REVIEW

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

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 certificate
3) Signed the certificate

	Initials	Date
Amanda Black		
Asa Louis		
Brian Capron		
Brianna Peterson		
Brianne Akins	BAA	7.31.09
Brittany Ball		
Christie Mitchell	CM	8/3/09
Christopher Johnston	CJ	8/5/09
Estuardo Miranda		
Gwynyth Scherperel	GSA	7/31/09
Justin Knoy	JK	8.6.09
Lisa Noble	LN	7/31/09
Melissa Pemberton		
Naziha Nuwayhid	NN	8/6/09
Rebecca Flaherty		
Sarah Swenson	SMS	7/31/09

09027

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 09027

I, Sarah M. Swenson, 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 Chemistry and over six years of experience in forensic toxicology.

The external standard solution, Lot Number 09027, was prepared in the Washington State Toxicology Laboratory on 7/8/2009. 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 7/8/2010.

Seattle, WA

7/31/09

Sarah M. Swenson Date

Forensic Toxicologist

SS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09027

I, Gwynyth Scherperel, 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 Chemistry, MS degrees in Chemistry and Forensic Science.

The external standard solution, Lot Number 09027, was prepared in the Washington State Toxicology Laboratory on 7/8/2009. 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 7/8/2010.

Seattle, WA

Gwynyth Scherperel Almendarez 7/31/09

Gwynyth Scherperel Date

Forensic Toxicologist

GS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09027

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 three years laboratory experience in forensic toxicology.

The external standard solution, Lot Number 09027, was prepared in the Washington State Toxicology Laboratory on 7/8/2009. 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 7/8/2010.

Seattle, WA

Lisa Noble 7/31/09

Lisa Noble Date
Forensic Toxicologist

LN/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09027

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 nine years in forensic toxicology. I am also board certified by the American Board of Clinical Chemistry.

The external standard solution, Lot Number 09027, was prepared in the Washington State Toxicology Laboratory on 7/8/2009. 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 7/8/2010.

Seattle, WA

8.6.09

Naziha Nuwayhid — Date
Forensic Toxicologist

NN/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09027

I, Christie Mitchell, 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: BA degree in Chemistry and MFS degree in Forensic Science.

The external standard solution, Lot Number 09027, was prepared in the Washington State Toxicology Laboratory on 7/8/2009. 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 7/8/2010.

Seattle, WA

Christie Mitchell 8/3/2009

Christie Mitchell Date

Forensic Toxicologist

CM/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09027

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 09027, was prepared in the Washington State Toxicology Laboratory on 7/8/2009. 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 7/8/2010.

Seattle, WA

Chris Johnston 8/5/09

Christopher S. Johnston Date
Forensic Toxicologist

CSJ/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09027

I, Brianne E. Akins, 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 09027, was prepared in the Washington State Toxicology Laboratory on 7/8/2009. 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 7/8/2010.

Seattle, WA

Brianne E Akins 7-31-09

Brianne E. Akins Date

Forensic Toxicologist

BEA/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 09027

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 09027, was prepared in the Washington State Toxicology Laboratory on 7/8/2009. 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 7/8/2010.

Seattle, WA

8-6-09

Justin L. Knoy — Date

Forensic Toxicologist

JLK/ik

Sequence Parameters:

Operator:	Sarah Swenson
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:	090708SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/~~2013~~ 2012 SMS 8/11/09
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-SS	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-SS	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-SS	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-SS	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-SS	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-SS	SIMALC	1	Ctrl Samp		
10	Vial 10	09027 #1	SIMALC	1	Sample		
11	Vial 11	09027 #2	SIMALC	1	Sample		
12	Vial 12	09027 #3	SIMALC	1	Sample		
13	Vial 13	09027 #4	SIMALC	1	Sample		
14	Vial 14	09027 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-SS	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-SS	SIMALC	1	Ctrl Samp		

Calibration Part:

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

SMS

Sequence Table (Back Injector):

No entries - empty table!

09027

SMS

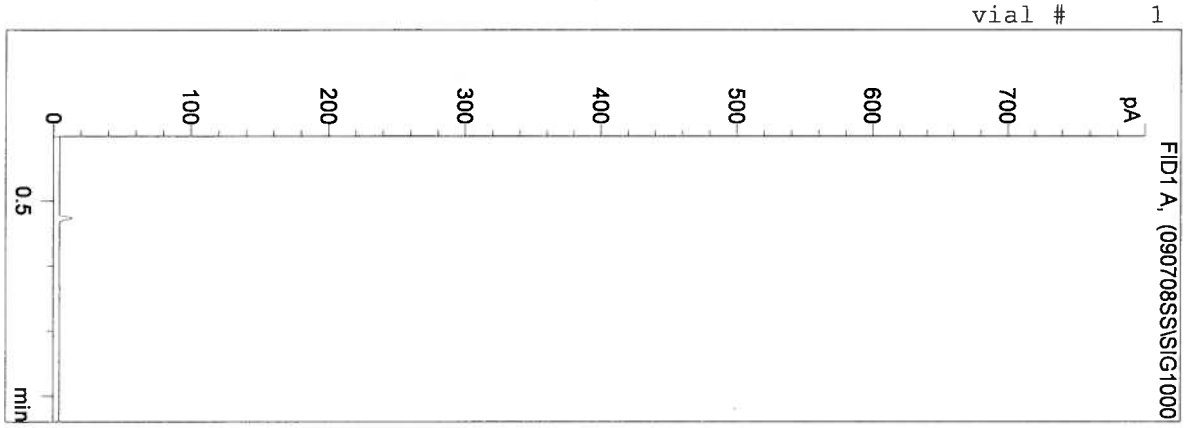
09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/8/2009 3:36:53 PM
Instrument 3
db-alc2

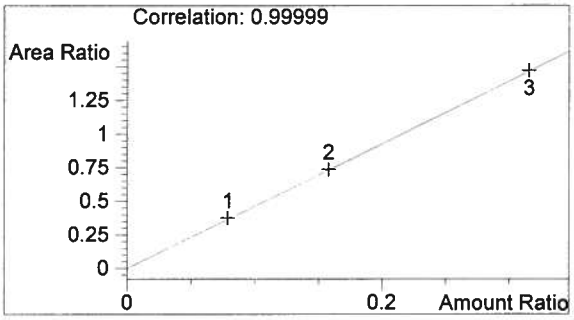
BLANK-SS
Sarah Swenson

vial # 1

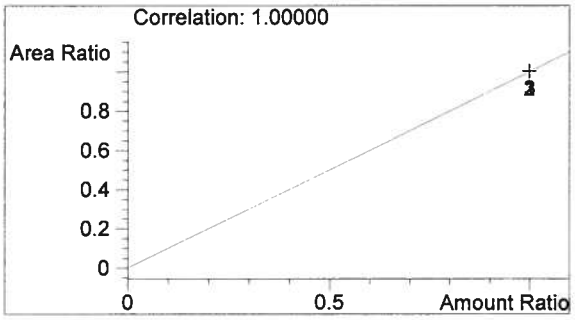


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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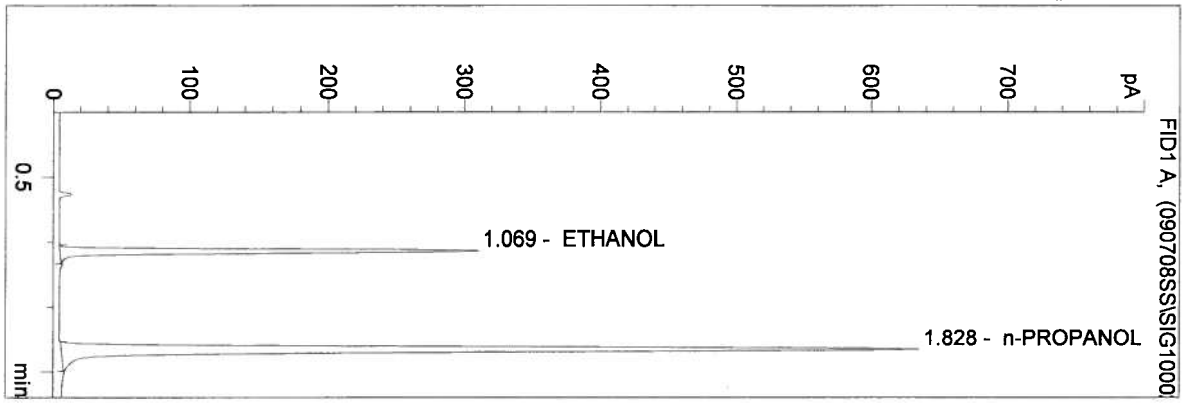
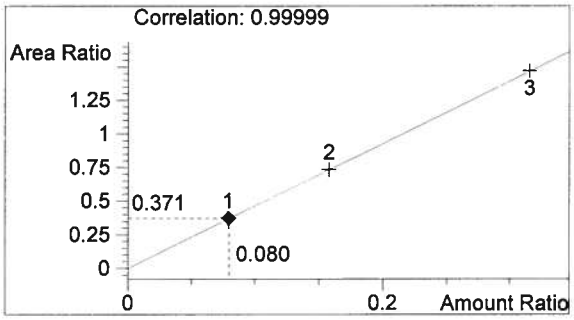
7/8/2009 3:40:01 PM
Instrument 3
db-alc2

0.079 CAL 1
Sarah Swenson

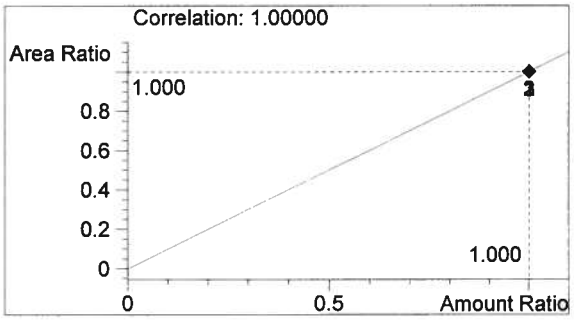
vial # 2



#	Compound	Area	RT
1	ETHANOL	674	1.069
2	n-PROPANOL	1818	1.828
Totals:			



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

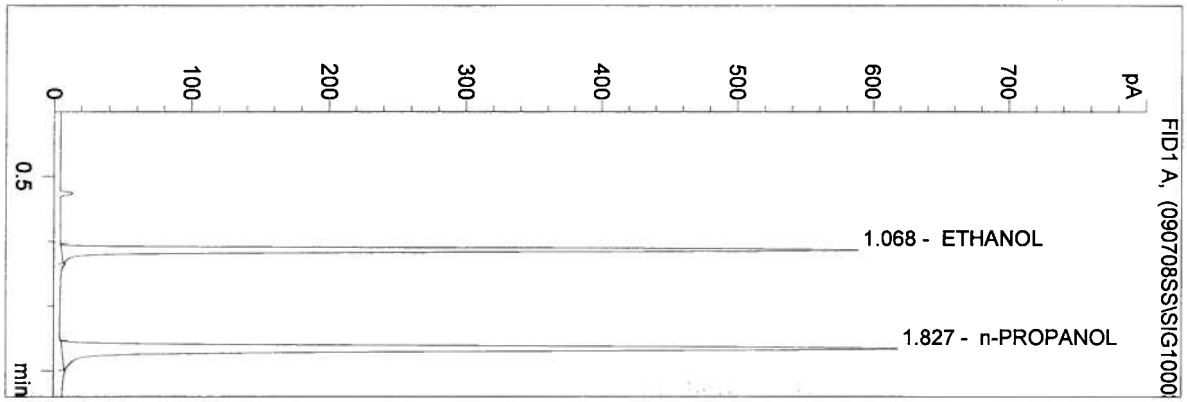
09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/8/2009 3:43:09 PM
Instrument 3
db-alc2

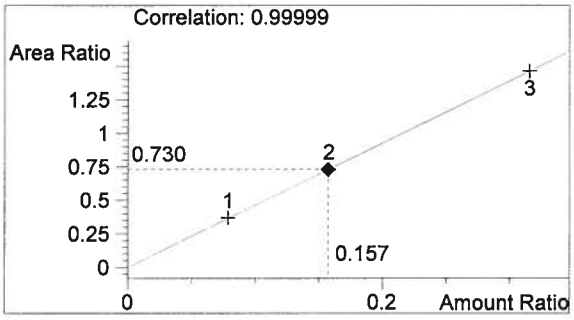
0.158 CAL 2
Sarah Swenson

vial # 3

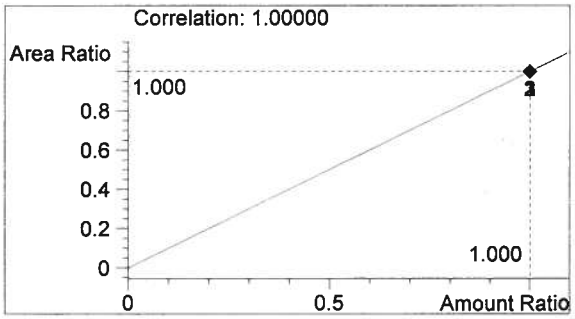


#	Compound	Area	RT
1	ETHANOL	1298	1.068
2	n-PROPANOL	1778	1.827

Totals:



ETHANOL 0.157 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

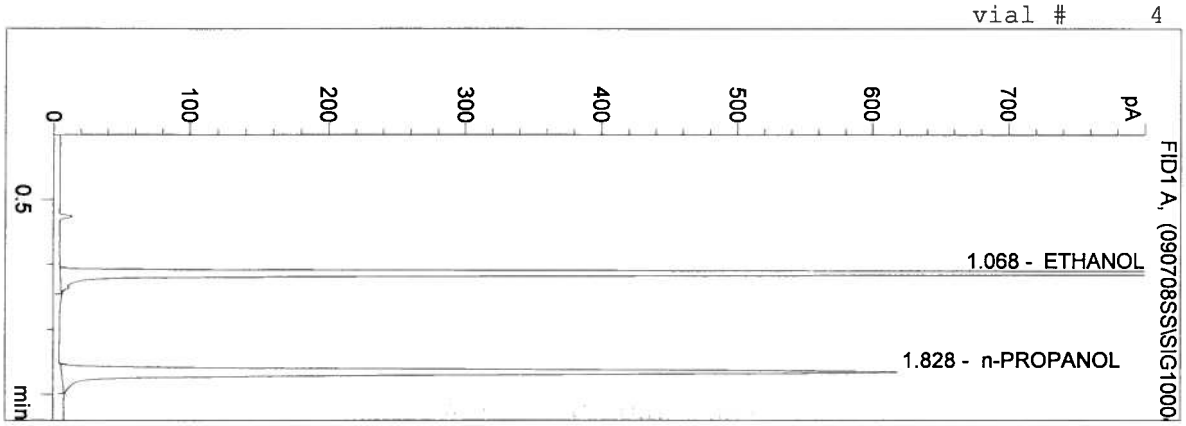
09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/8/2009 3:46:16 PM
Instrument 3
db-alc2

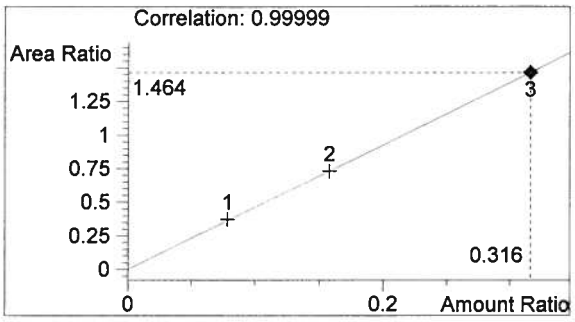
0.316 CAL 3
Sarah Swenson

vial # 4

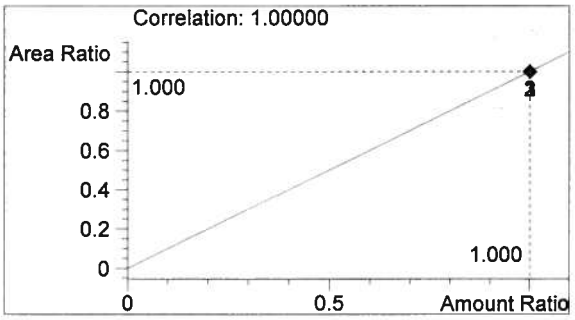


#	Compound	Area	RT
1	ETHANOL	2598	1.068
2	n-PROPANOL	1774	1.828

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

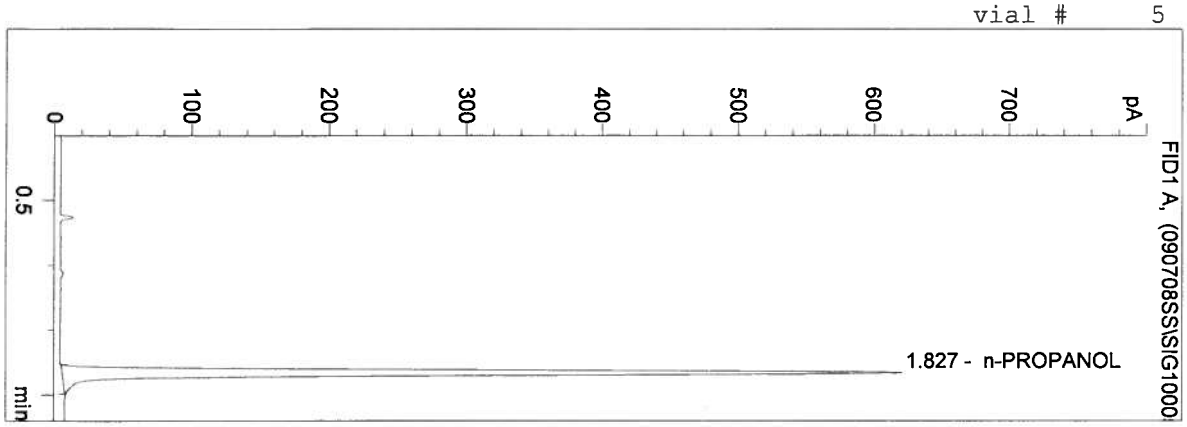
09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/8/2009 3:49:24 PM
Instrument 3
db-alc2

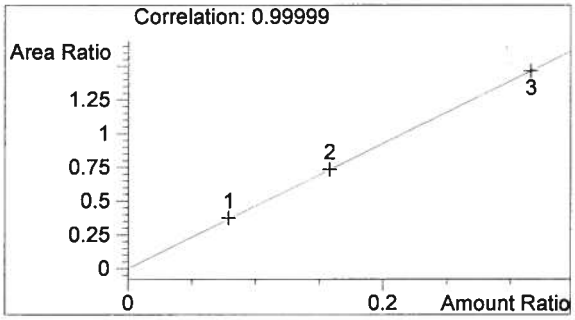
NEG CTRL-SS
Sarah Swenson

vial # 5

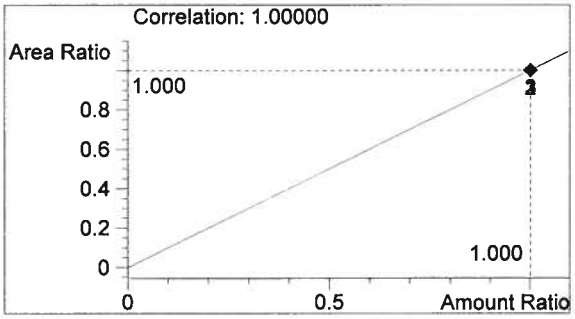


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1783	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

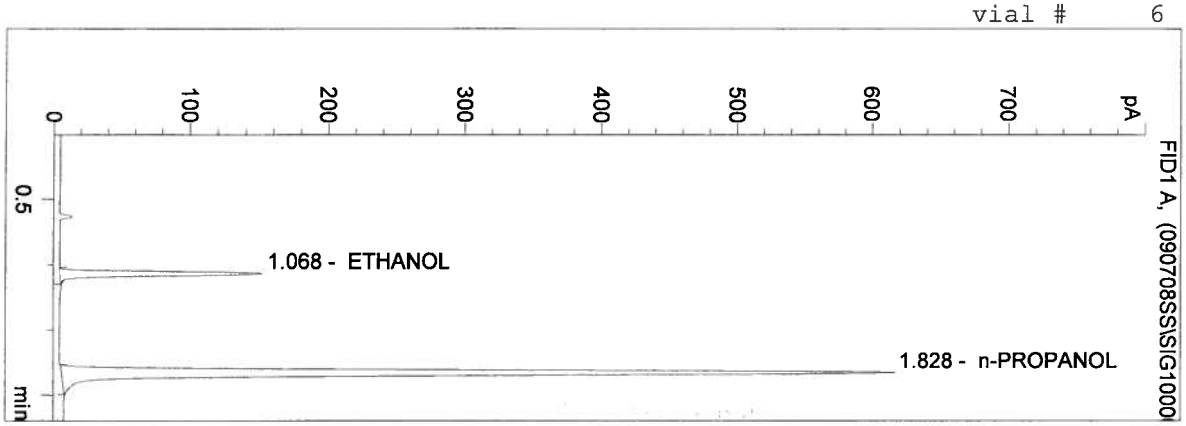
09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/8/2009 3:52:32 PM
Instrument 3
db-alc2

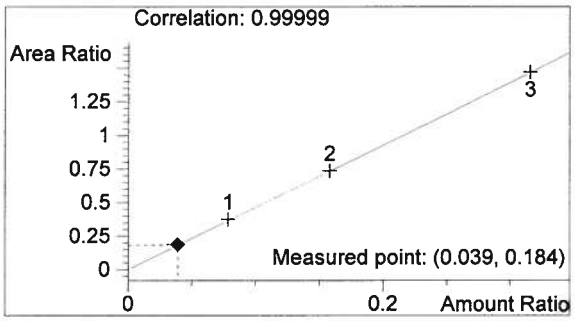
0.04 CTRL-SS
Sarah Swenson

vial # 6

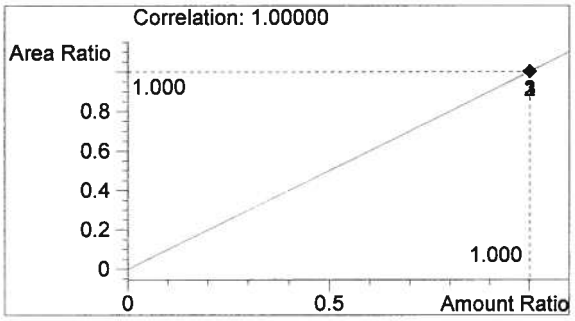


#	Compound	Area	RT
1	ETHANOL	326	1.068
2	n-PROPANOL	1769	1.828

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

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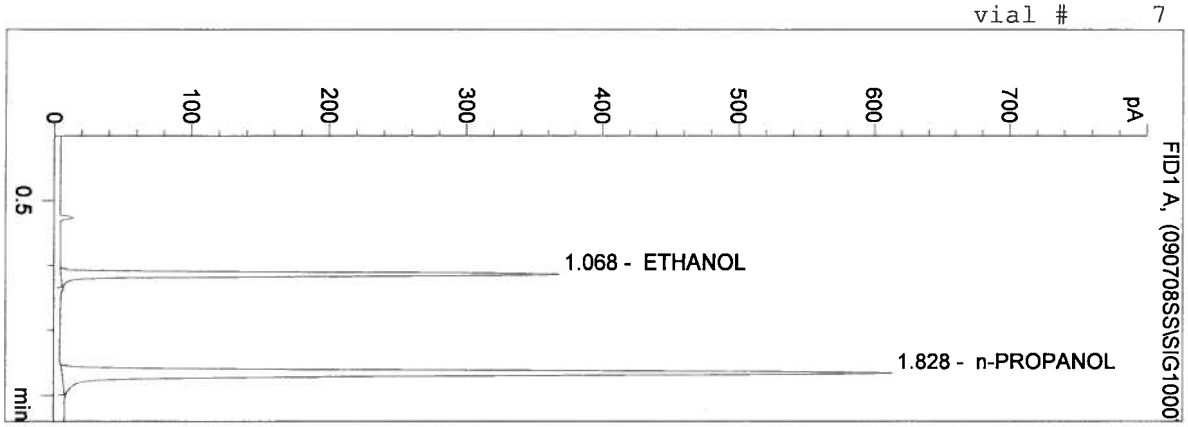
C:\HPCHEM\2\METHODS\SIMALC.M
7/8/2009 3:55:40 PM
Instrument 3
db-alc2

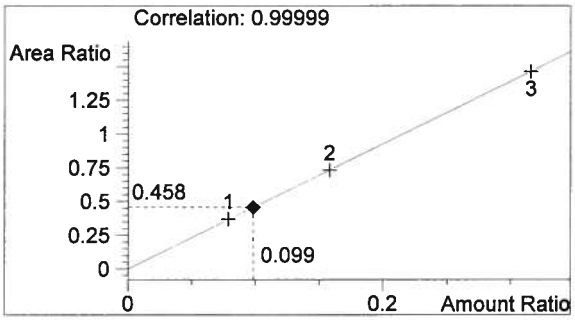
0.10 CTRL-SS
Sarah Swenson

vial # 7

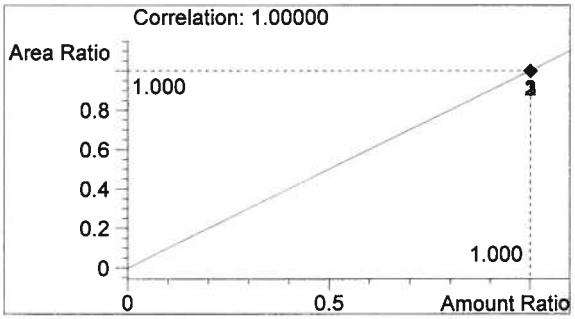


#	Compound	Area	RT
1	ETHANOL	807	1.068
2	n-PROPANOL	1763	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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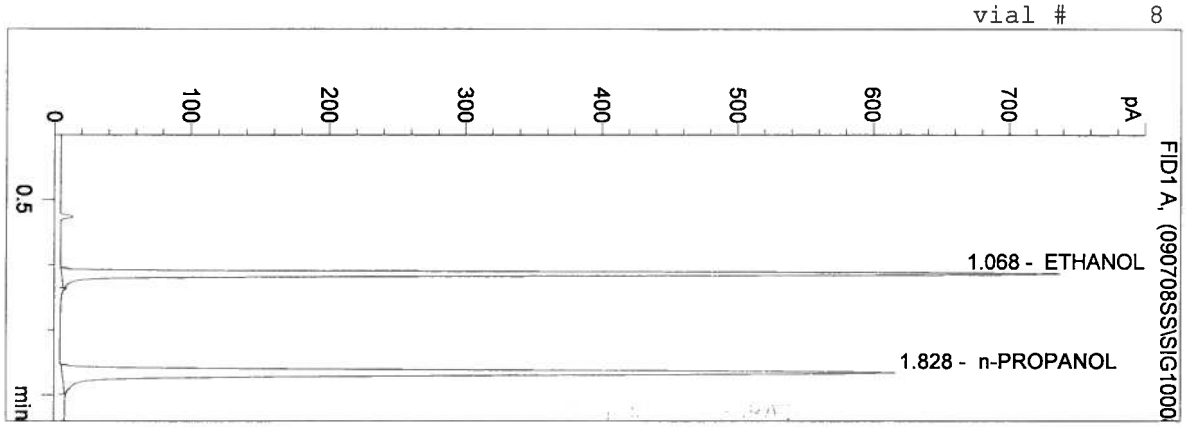
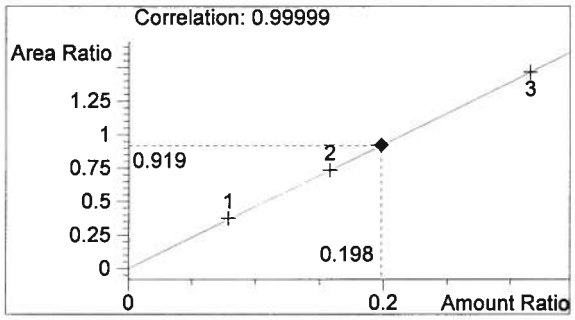
7/8/2009 3:58:48 PM
Instrument 3
db-alc2

0.20 CTRL-SS
Sarah Swenson

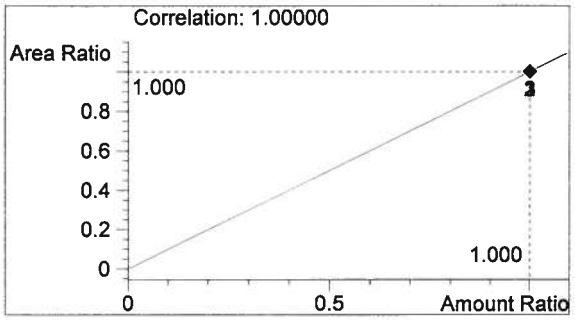
vial # 8



#	Compound	Area	RT
1	ETHANOL	1625	1.068
2	n-PROPANOL	1768	1.828
Totals:			



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

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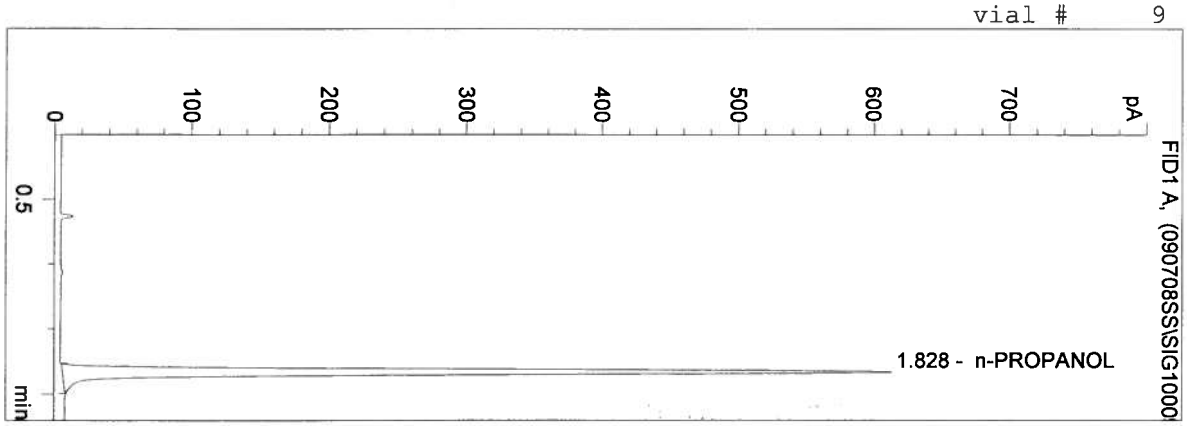
7/8/2009 4:01:56 PM
Instrument 3
db-alc2

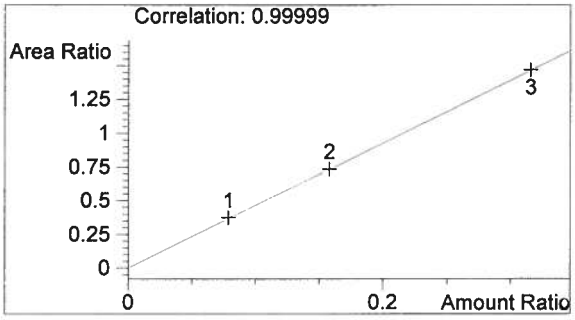
NEG CTRL-SS
Sarah Swenson

vial # 9

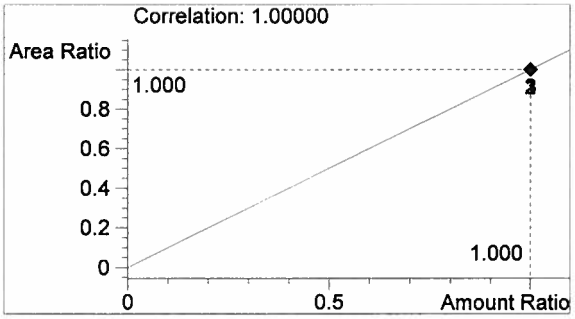


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1764	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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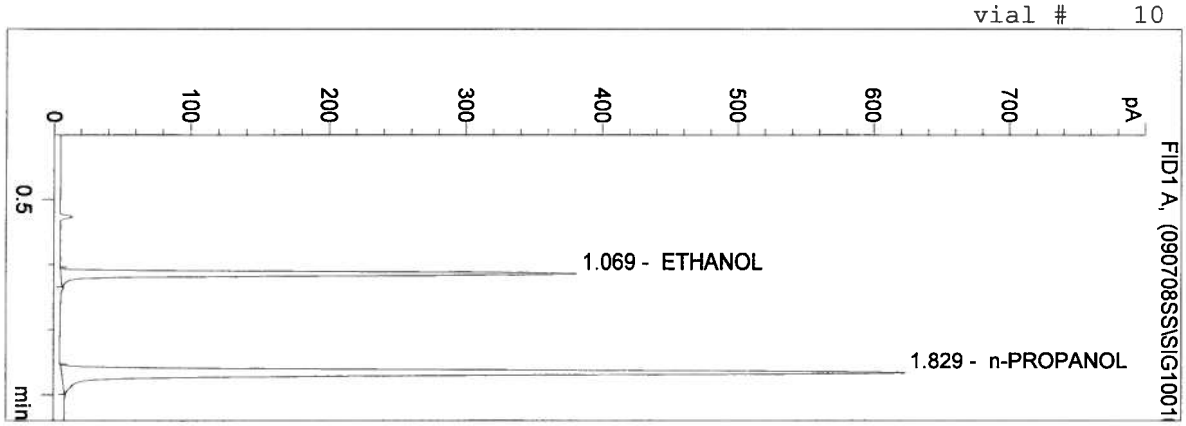
Instrument 3
db-alc2

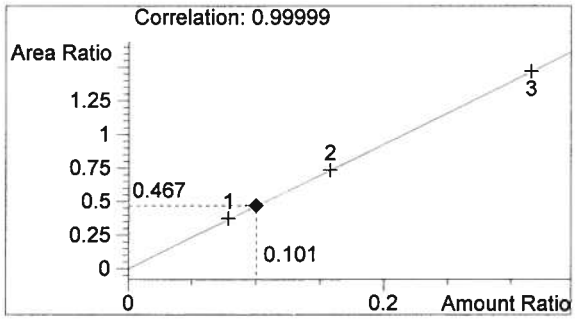
09027 #1
Sarah Swenson

vial # 10

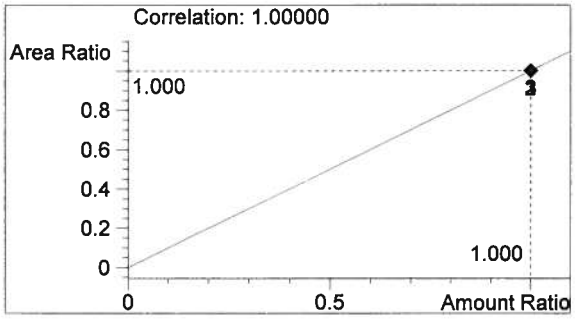


#	Compound	Area	RT
1	ETHANOL	837	1.069
2	n-PROPANOL	1792	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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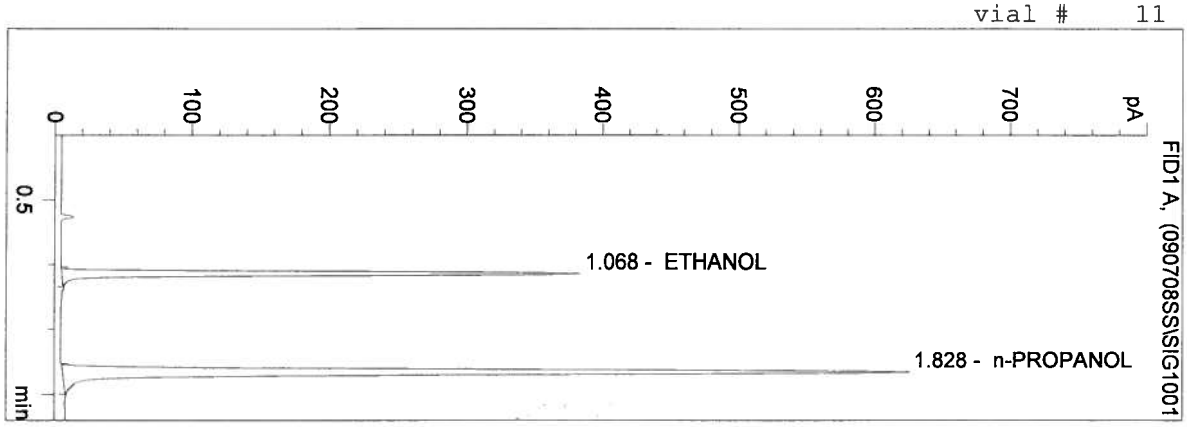
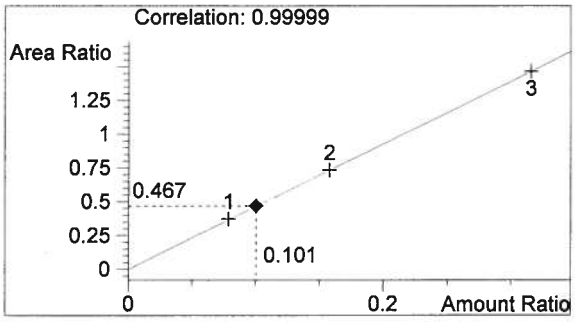
Instrument 3
db-alc2

09027 #2
Sarah Swenson

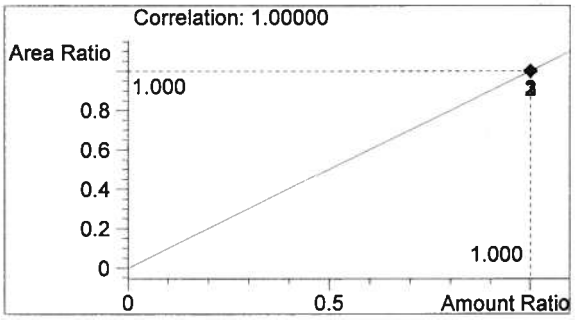
vial # 11



#	Compound	Area	RT
1	ETHANOL	841	1.068
2	n-PROPANOL	1799	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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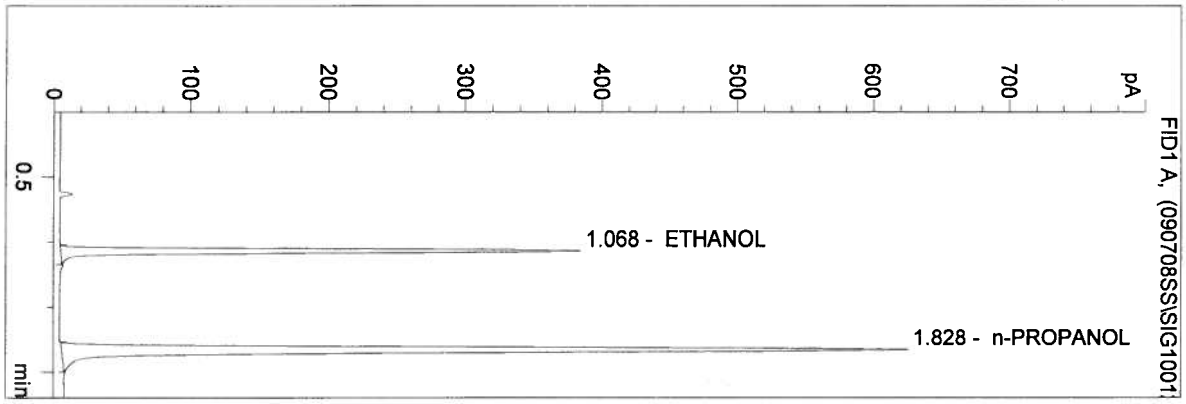
Instrument 3
db-alc2

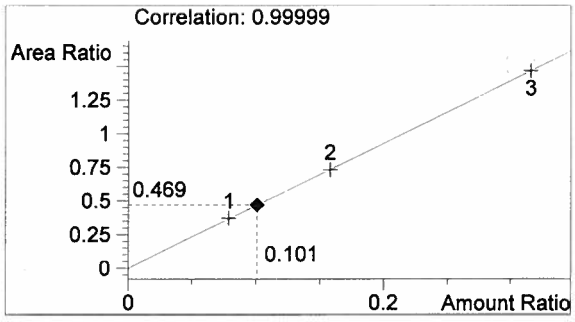
09027 #3
Sarah Swenson

vial # 12

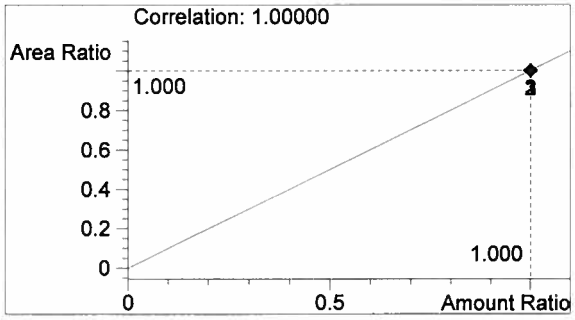


#	Compound	Area	RT
1	ETHANOL	843	1.068
2	n-PROPANOL	1796	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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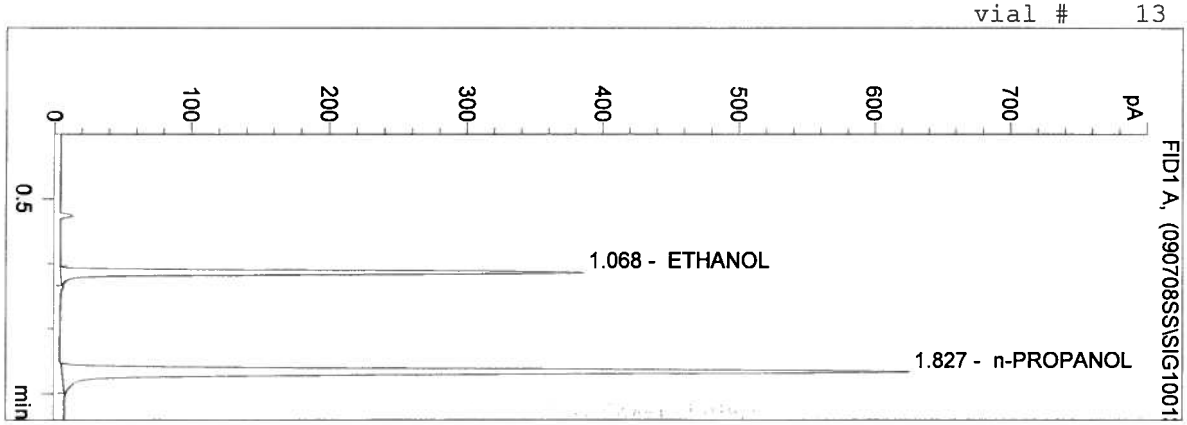
7/8/2009 4:14:27 PM
Instrument 3
db-alc2

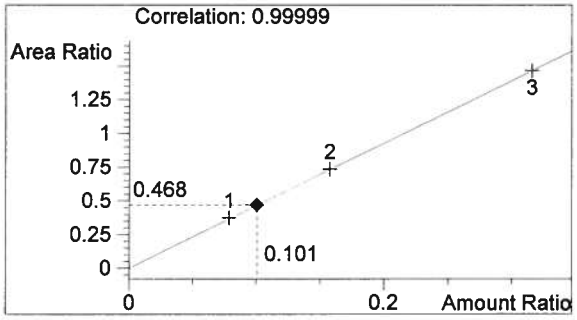
09027 #4
Sarah Swenson

vial # 13

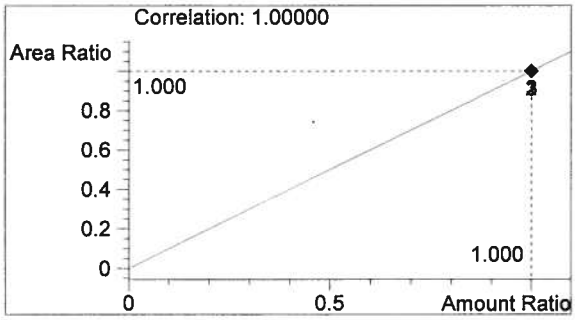


#	Compound	Area	RT
1	ETHANOL	839	1.068
2	n-PROPANOL	1794	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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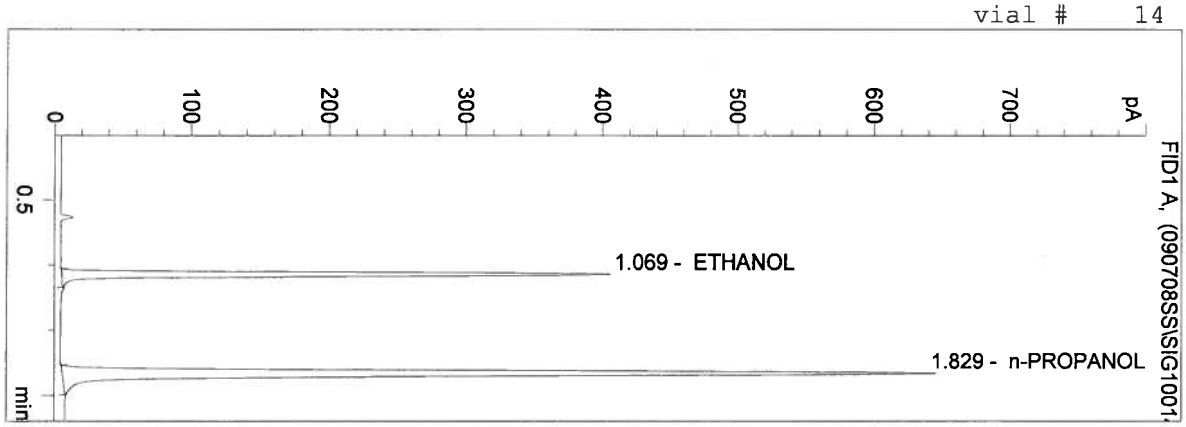
Instrument 3
db-alc2

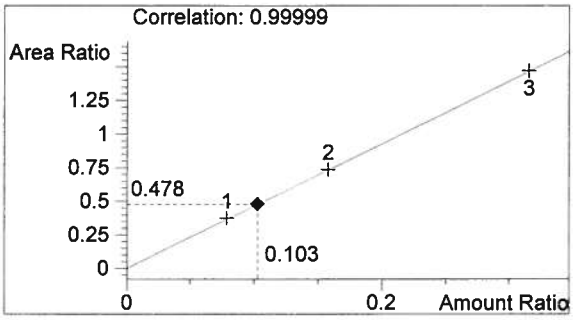
09027 #5
Sarah Swenson

vial # 14

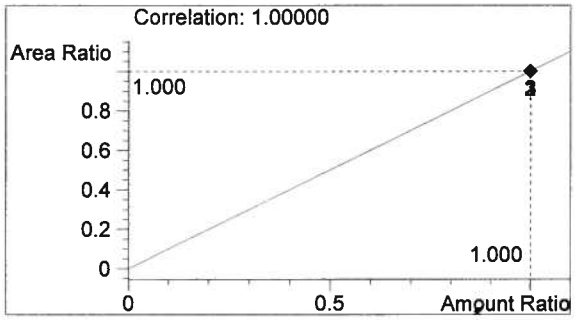


#	Compound	Area	RT
1	ETHANOL	883	1.069
2	n-PROPANOL	1849	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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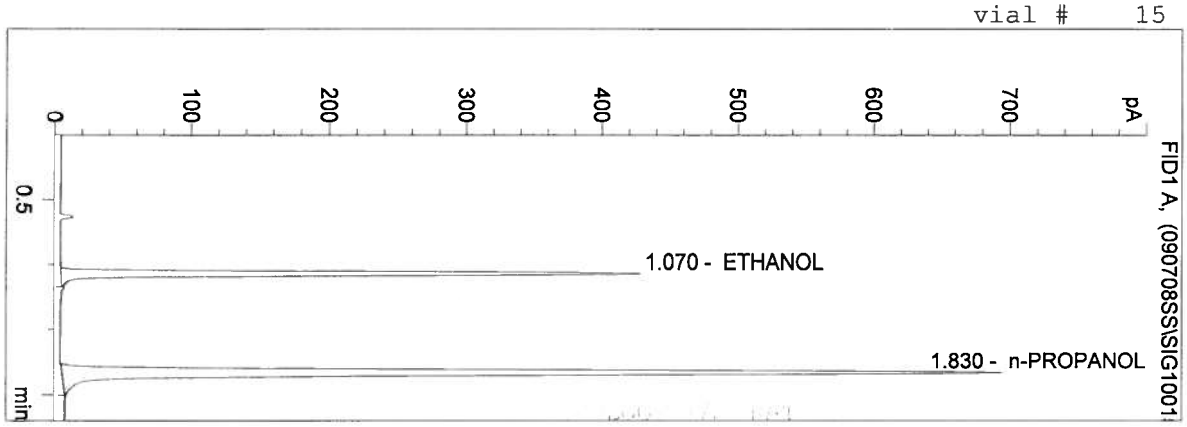
Instrument 3
db-alc2

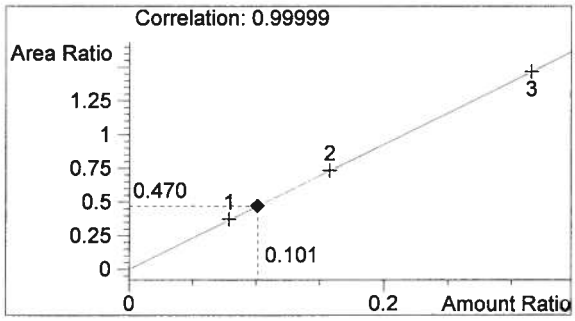
0.10 CTRL-SS
Sarah Swenson

vial # 15

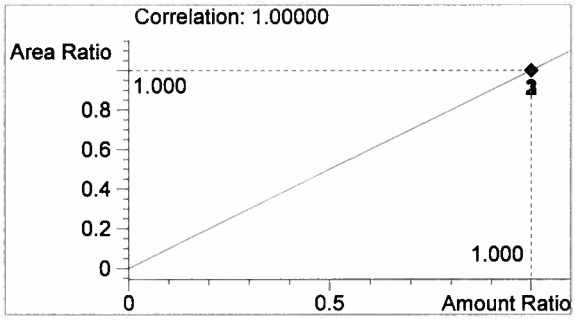


#	Compound	Area	RT
1	ETHANOL	934	1.070
2	n-PROPANOL	1988	1.830

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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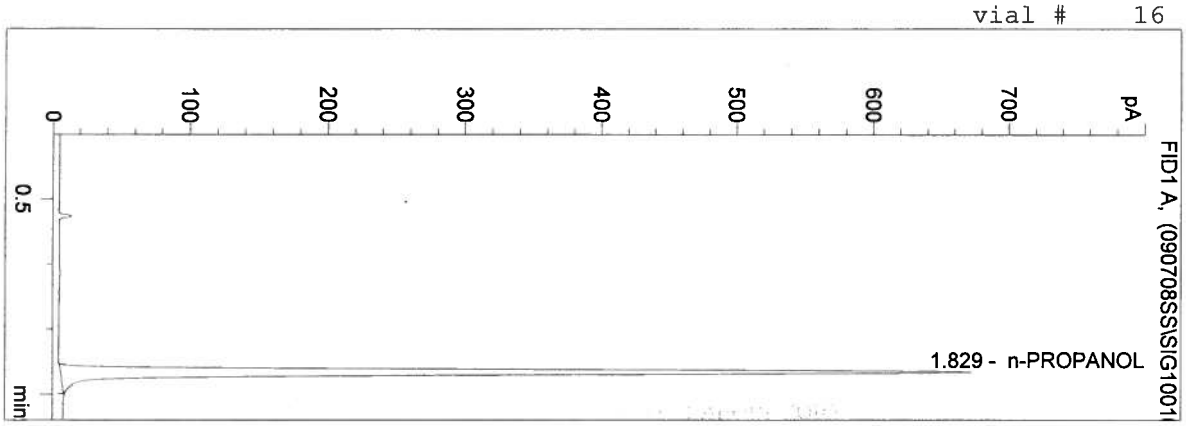
7/8/2009 4:23:50 PM
Instrument 3
db-alc2

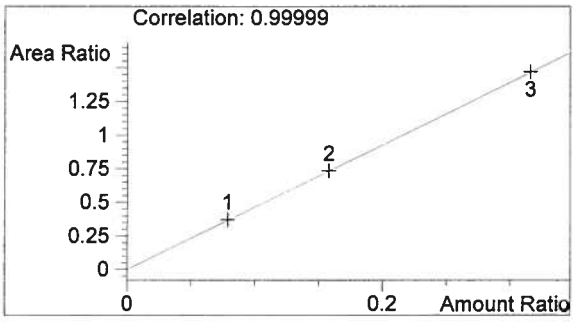
NEG CTRL-SS
Sarah Swenson

vial # 16

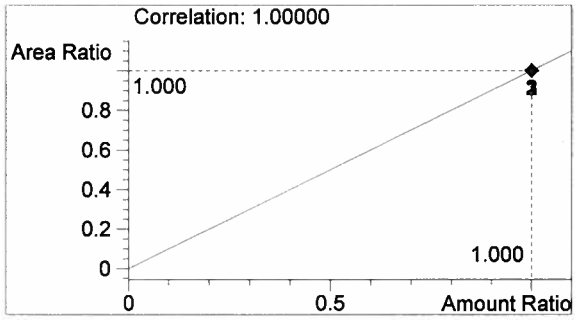


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1924	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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Sequence Parameters:

Operator:	Gwynyth Scherperel
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:	090709GS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	Blank	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL- GS	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL- GS	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL- GS	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL- GS	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL- GS	SIMALC	1	Ctrl Samp		
10	Vial 10	09027 #1	SIMALC	1	Sample		
11	Vial 11	09027 #2	SIMALC	1	Sample		
12	Vial 12	09027 #3	SIMALC	1	Sample		
13	Vial 13	09027 #4	SIMALC	1	Sample		
14	Vial 14	09027 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL- GS	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL- GS	SIMALC	1	Ctrl Samp		

Calibration Part:

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

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Sequence Table (Back Injector):

No entries - empty table!

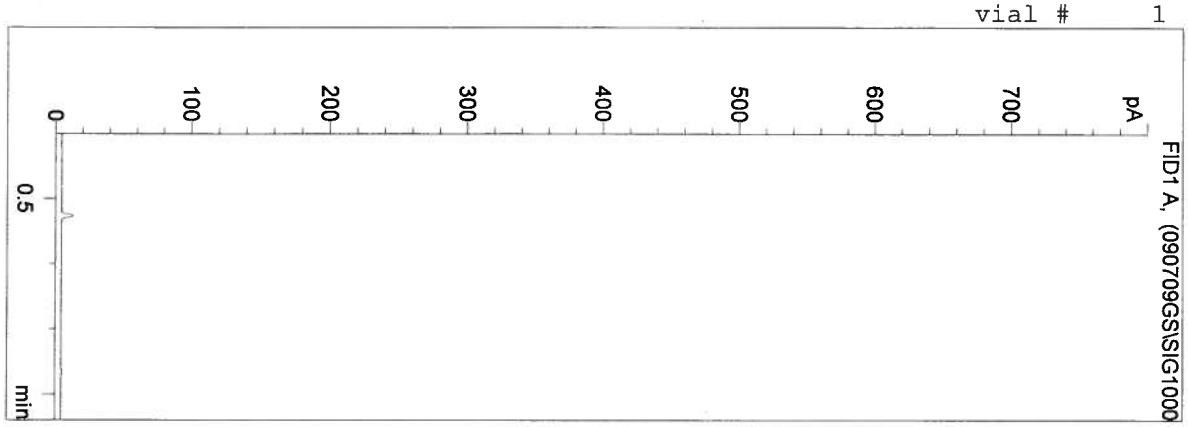
09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/9/2009 12:31:33 PM
Instrument 3
db-alc2

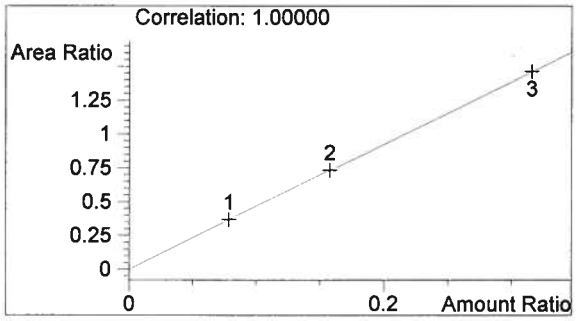
Blank
Gwynyth Scherperel

vial # 1

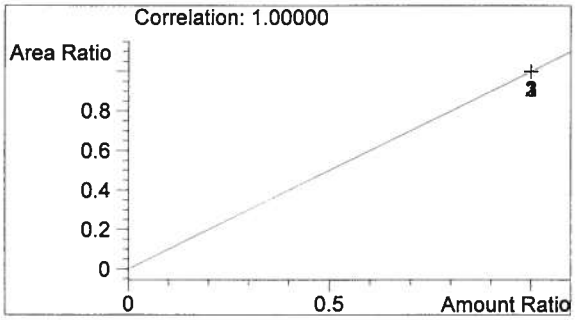


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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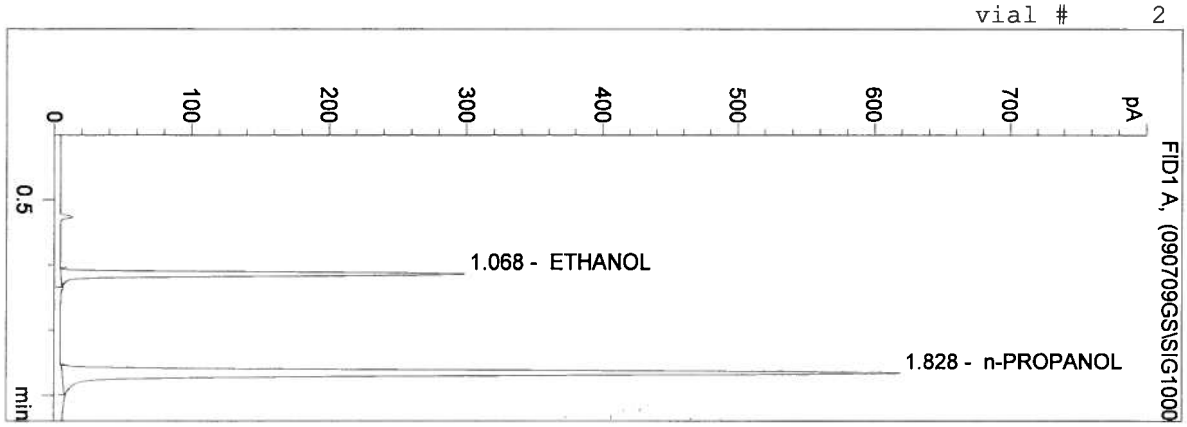
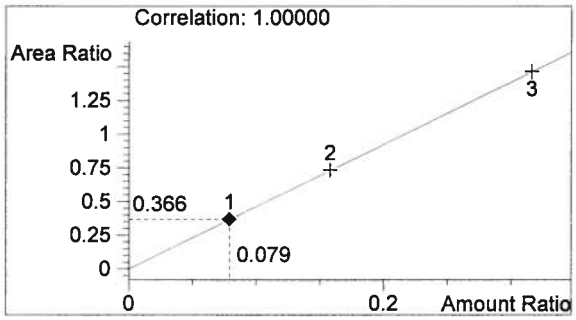
7/9/2009 12:34:40 PM
Instrument 3
db-alc2

0.079 CAL 1
Gwynyth Scherperel

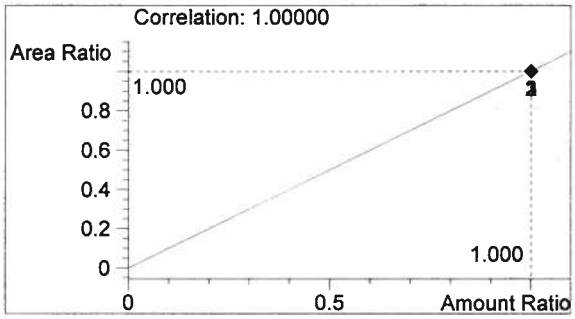
vial # 2



#	Compound	Area	RT
1	ETHANOL	650	1.068
2	n-PROPANOL	1775	1.828
Totals:			



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

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gs

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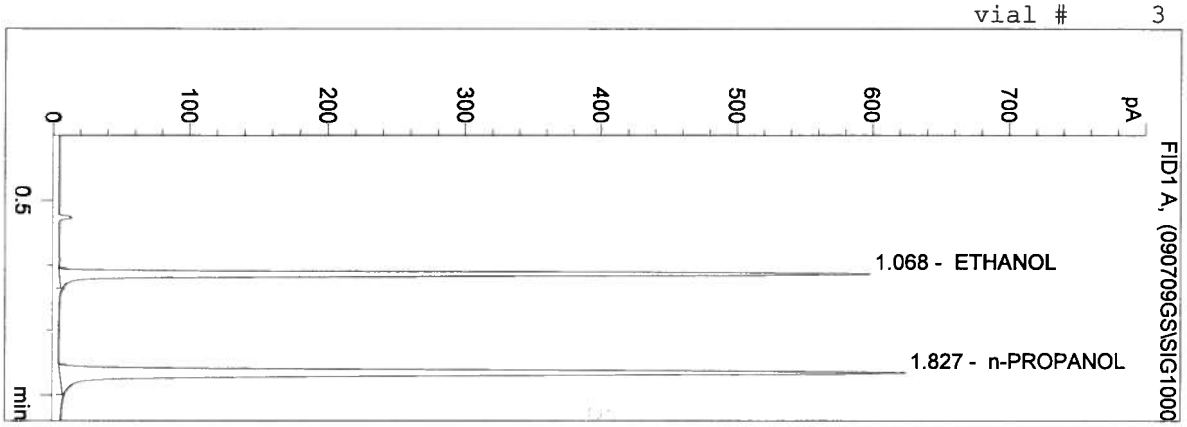
7/9/2009 12:37:48 PM
Instrument 3
db-alc2

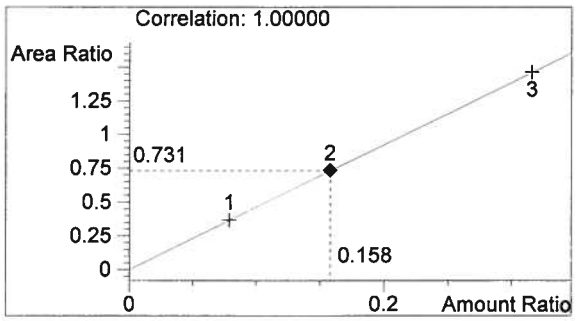
0.158 CAL 2
Gwynyth Scherperel

vial # 3

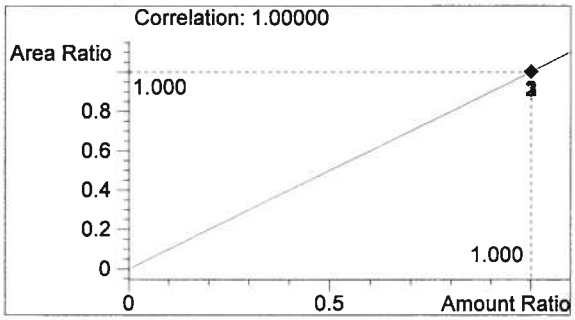


#	Compound	Area	RT
1	ETHANOL	1311	1.068
2	n-PROPANOL	1793	1.827

Totals:



ETHANOL 0.158 g/100ml



n-PROPANOL 1.000 g/100ml

09027

25

WASHINGTON STATE TOXICOLOGY LABORATORY

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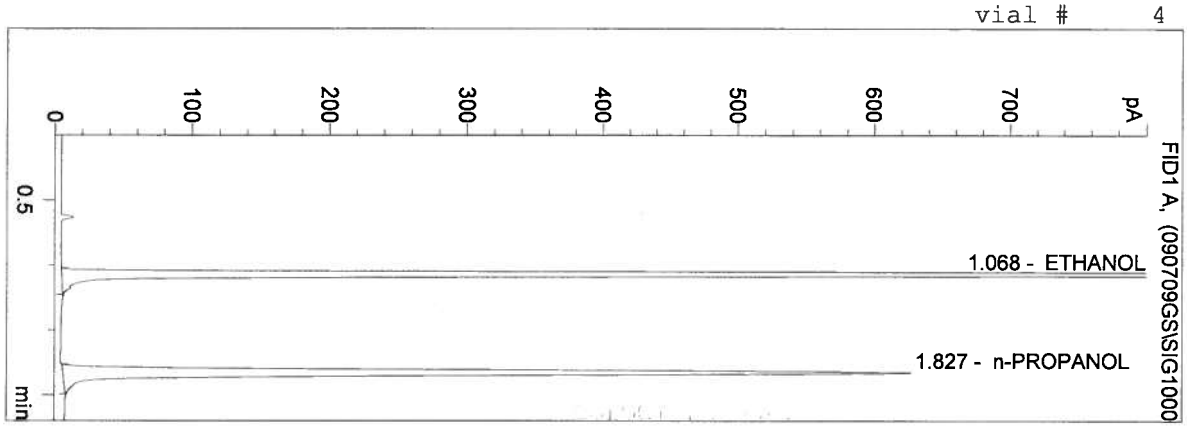
7/9/2009 12:40:56 PM
Instrument 3
db-alc2

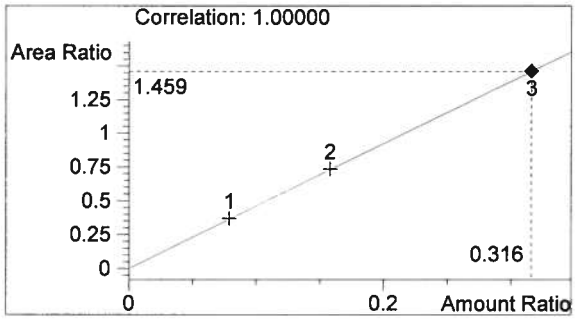
0.316 CAL 3
Gwynyth Scherperel

vial # 4

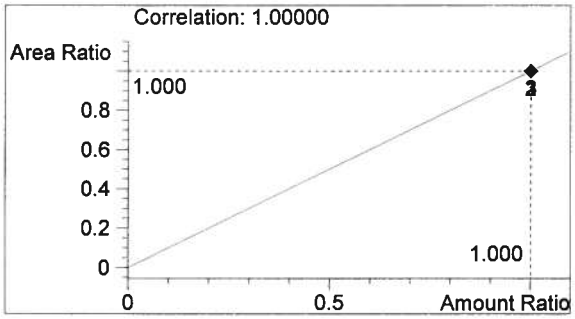


#	Compound	Area	RT
1	ETHANOL	2622	1.068
2	n-PROPANOL	1798	1.827

Totals:



ETHANOL 0.316 g/100ml



n-PROPANOL 1.000 g/100ml

09027

gs

WASHINGTON STATE TOXICOLOGY LABORATORY

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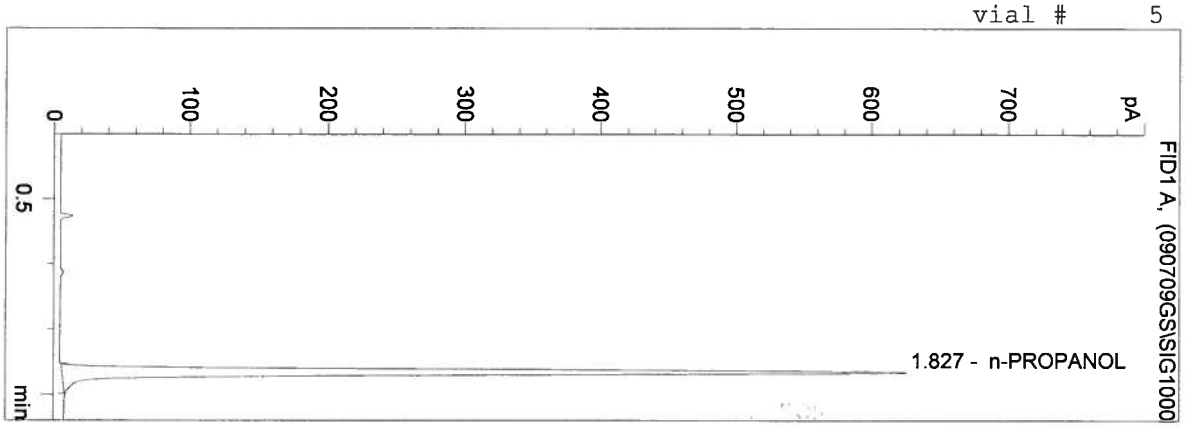
Instrument 3
db-alc2

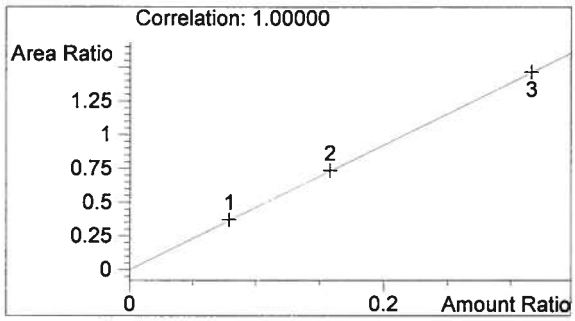
NEG CTRL- GS
Gwynyth Scherperel

vial # 5

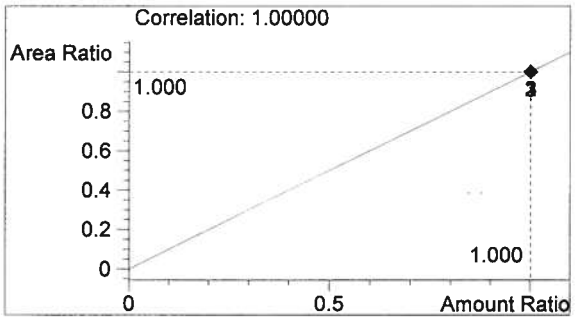


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1792	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09027

YD

WASHINGTON STATE TOXICOLOGY LABORATORY

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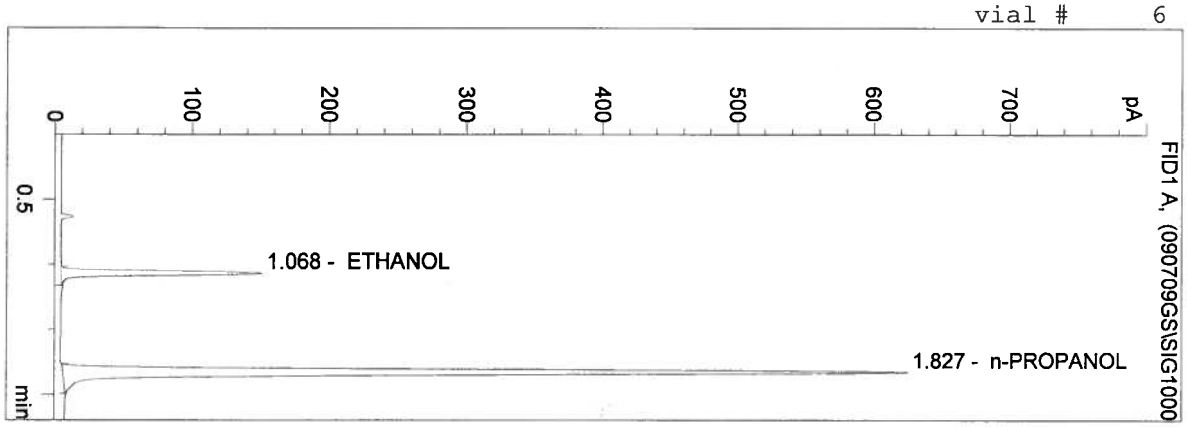
Instrument 3
db-alc2

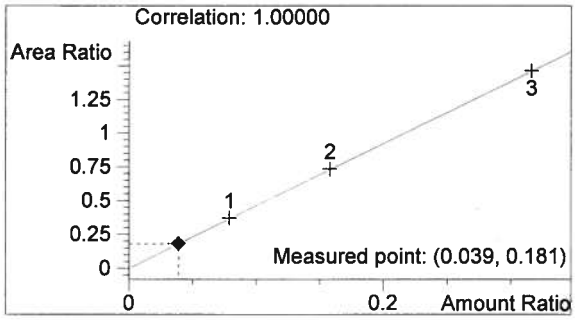
0.04 CTRL- GS
Gwynyth Scherperel

vial # 6

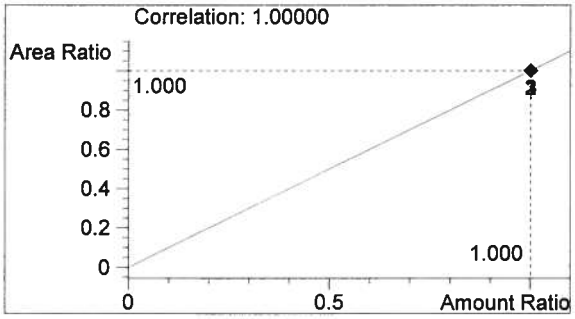


#	Compound	Area	RT
1	ETHANOL	325	1.068
2	n-PROPANOL	1794	1.827

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

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gss

WASHINGTON STATE TOXICOLOGY LABORATORY

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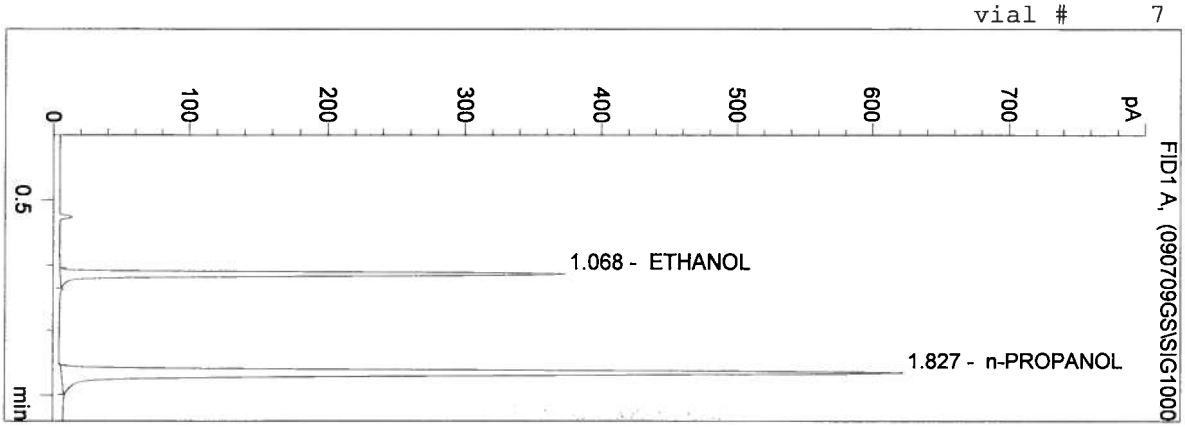
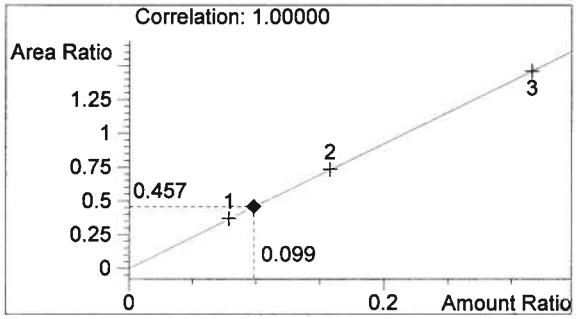
Instrument 3
db-alc2

0.10 CTRL- GS
Gwynyth Scherperel

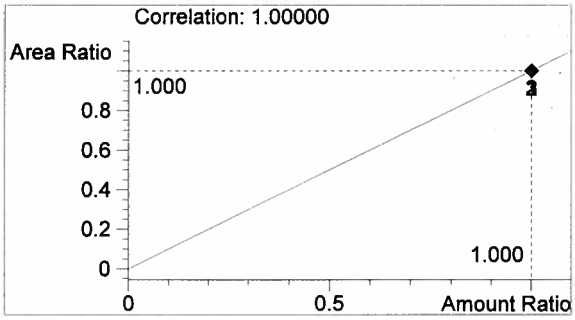
vial # 7



#	Compound	Area	RT
1	ETHANOL	816	1.068
2	n-PROPANOL	1785	1.827
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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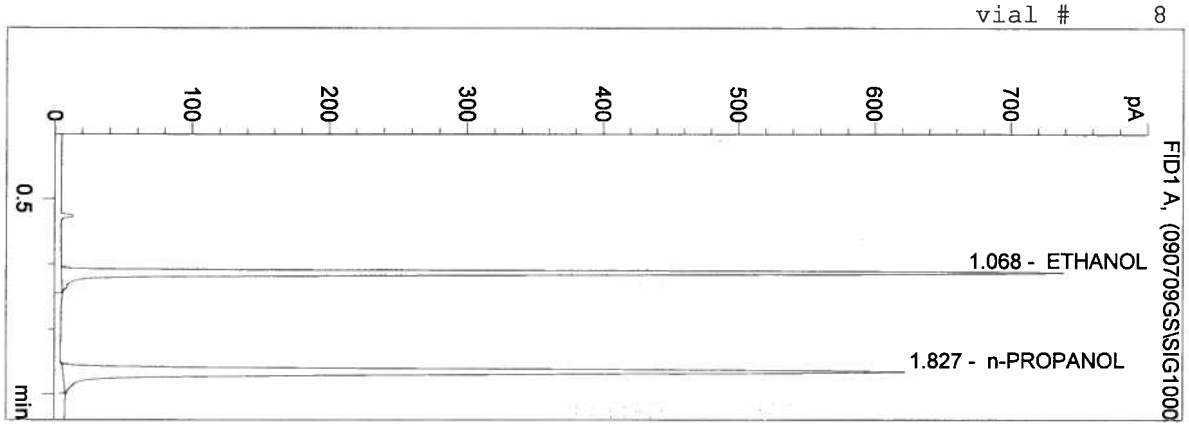
Instrument 3
db-alc2

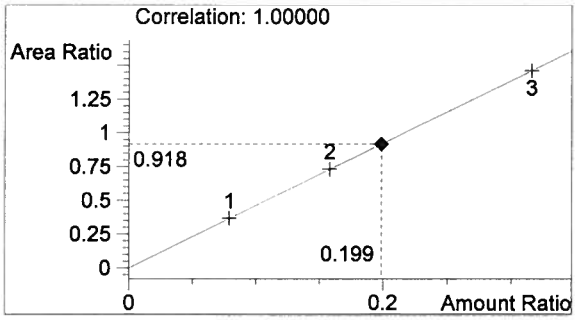
0.20 CTRL- GS
Gwynyth Scherperel

vial # 8

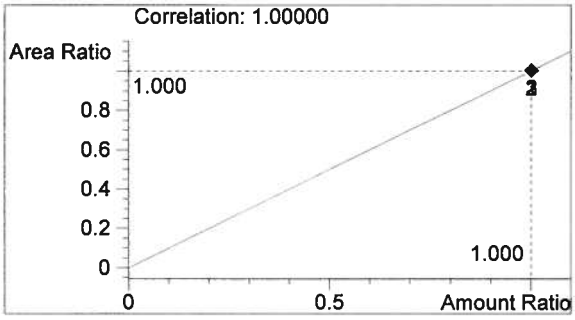


#	Compound	Area	RT
1	ETHANOL	1639	1.068
2	n-PROPANOL	1786	1.827

Totals:



ETHANOL 0.199 g/100ml



n-PROPANOL 1.000 g/100ml

09027

WASHINGTON STATE TOXICOLOGY LABORATORY

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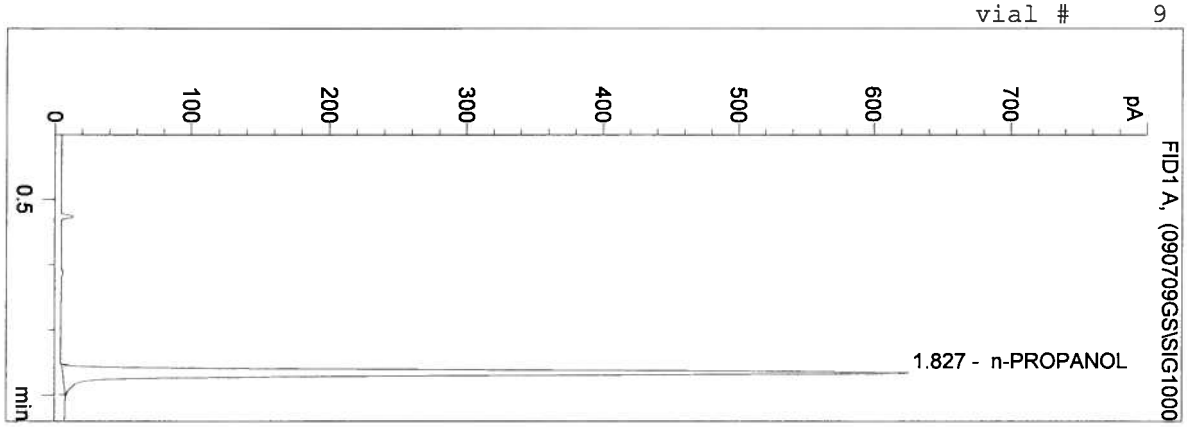
Instrument 3
db-alc2

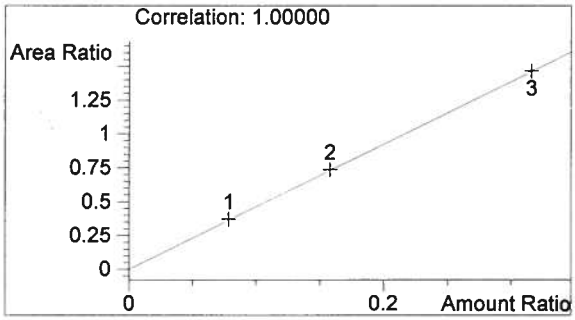
NEG CTRL- GS
Gwynyth Scherperel

vial # 9

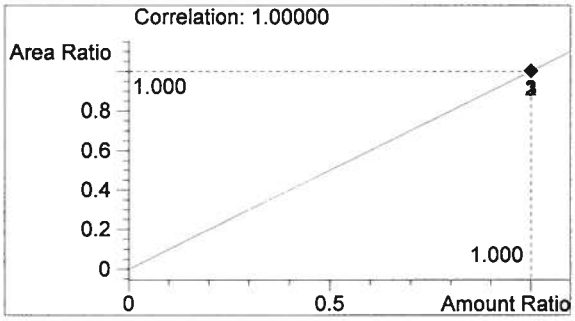


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1794	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09027

gr

WASHINGTON STATE TOXICOLOGY LABORATORY

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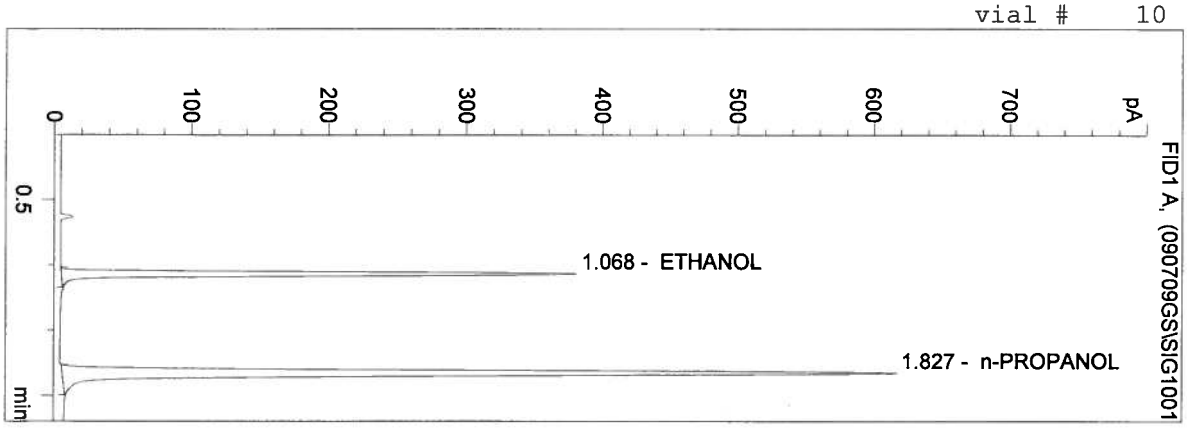
Instrument 3
db-alc2

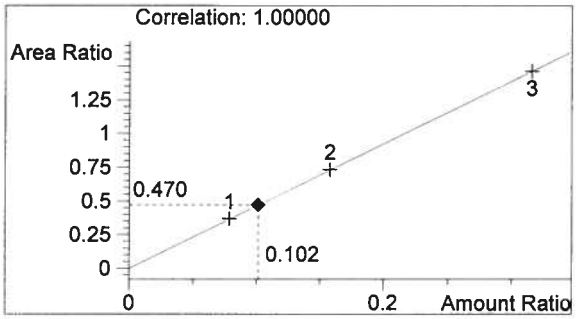
09027 #1
Gwynyth Scherperel

vial # 10

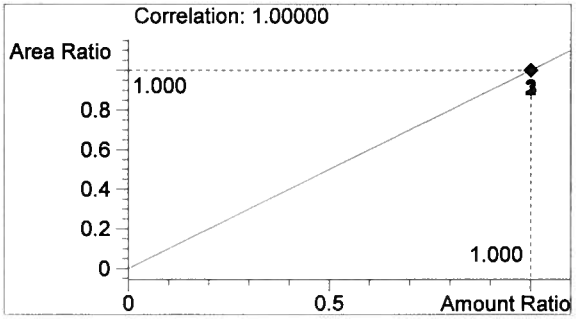


#	Compound	Area	RT
1	ETHANOL	832	1.068
2	n-PROPANOL	1769	1.827

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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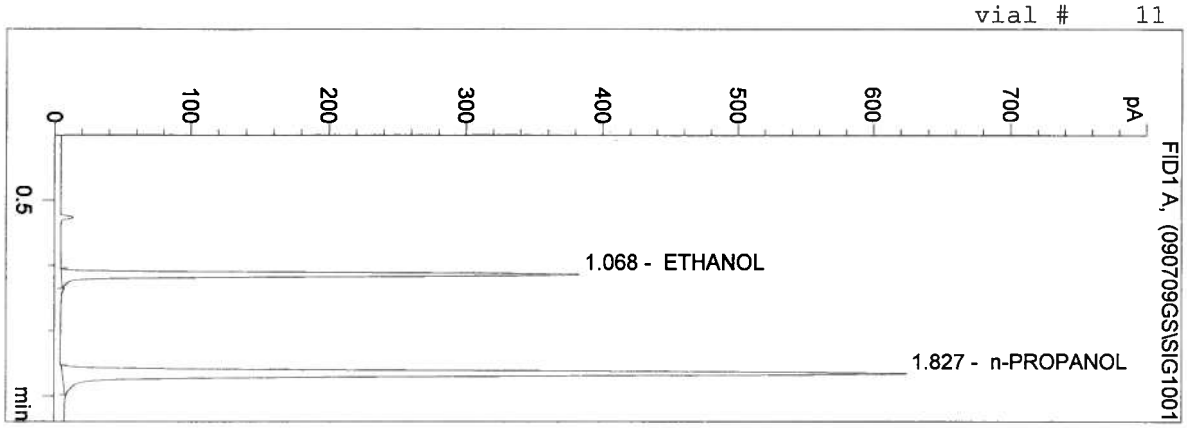
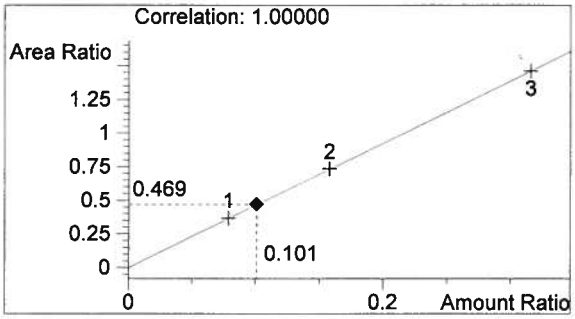
Instrument 3
db-alc2

09027 #2
Gwynyth Scherperel

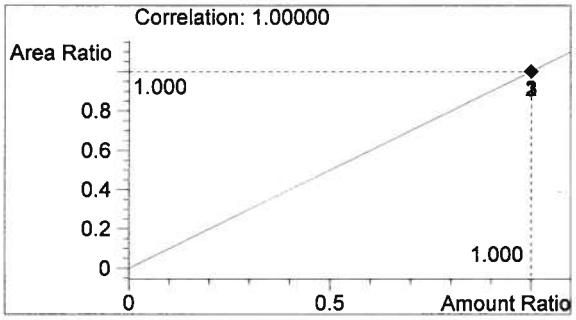
vial # 11



#	Compound	Area	RT
1	ETHANOL	840	1.068
2	n-PROPANOL	1793	1.827
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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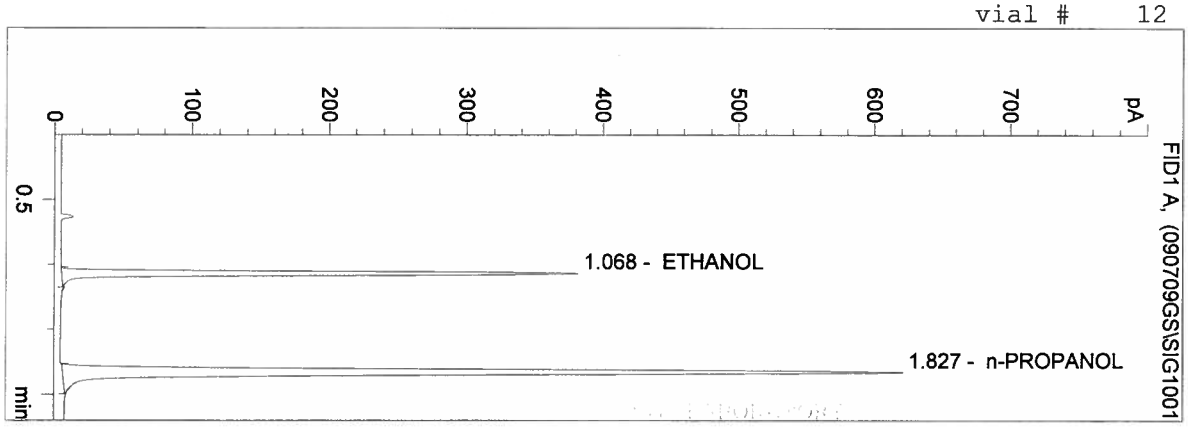
Instrument 3
db-alc2

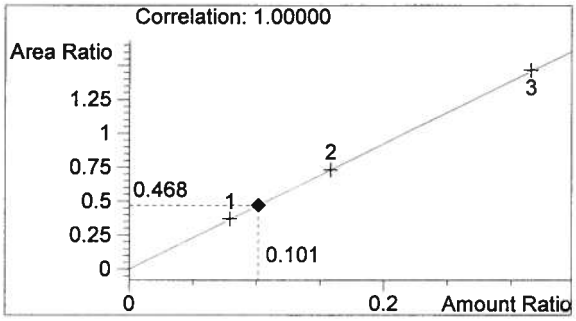
09027 #3
Gwynyth Scherperel

vial # 12

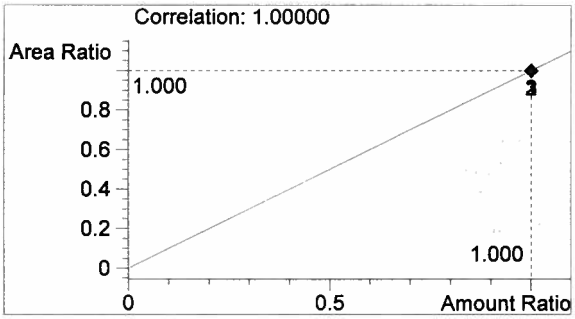


#	Compound	Area	RT
1	ETHANOL	833	1.068
2	n-PROPANOL	1779	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

MD

WASHINGTON STATE TOXICOLOGY LABORATORY

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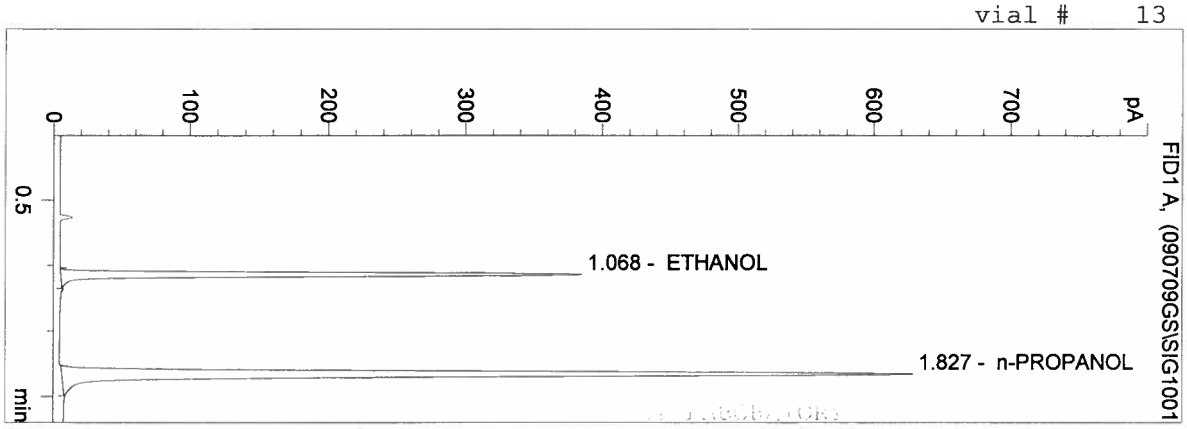
7/9/2009 1:09:06 PM
Instrument 3
db-alc2

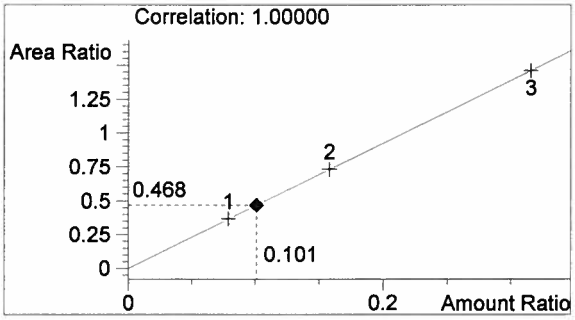
09027 #4
Gwynyth Scherperel

vial # 13

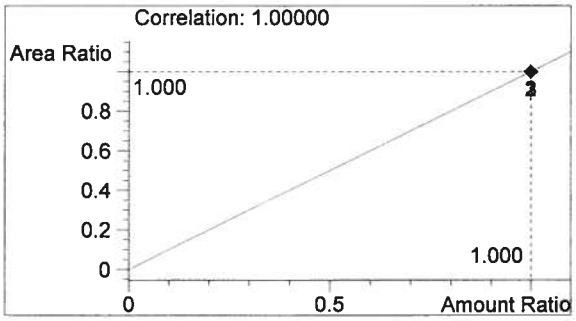


#	Compound	Area	RT
1	ETHANOL	845	1.068
2	n-PROPANOL	1805	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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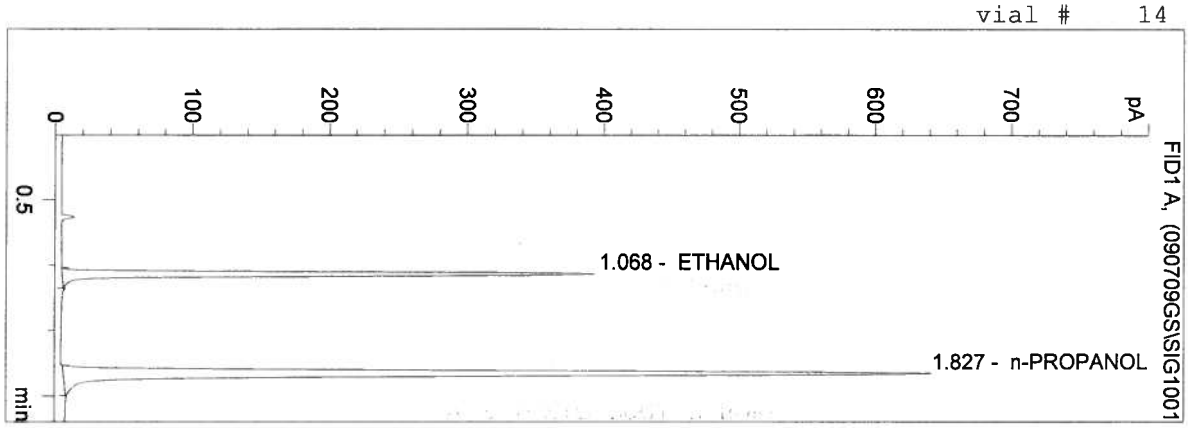
Instrument 3
db-alc2

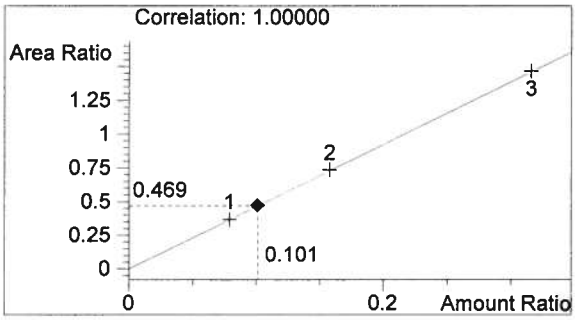
09027 #5
Gwynyth Scherperel

vial # 14

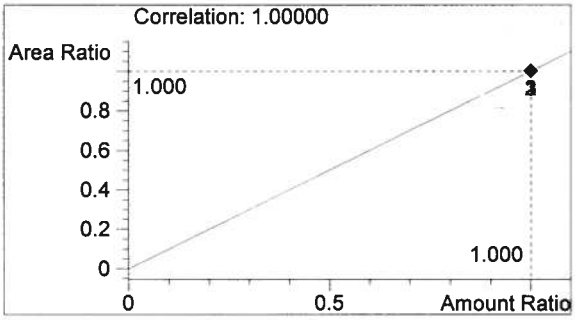


#	Compound	Area	RT
1	ETHANOL	863	1.068
2	n-PROPANOL	1840	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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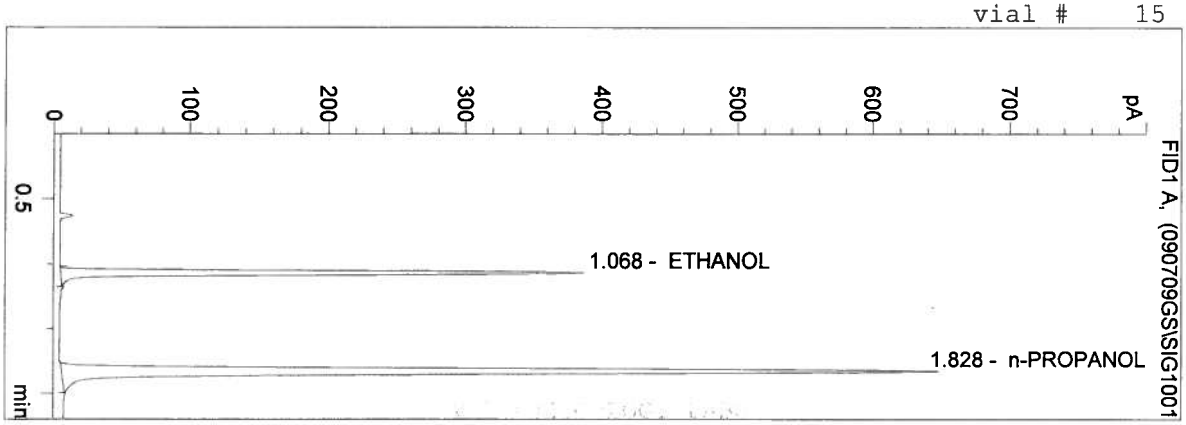
Instrument 3
db-alc2

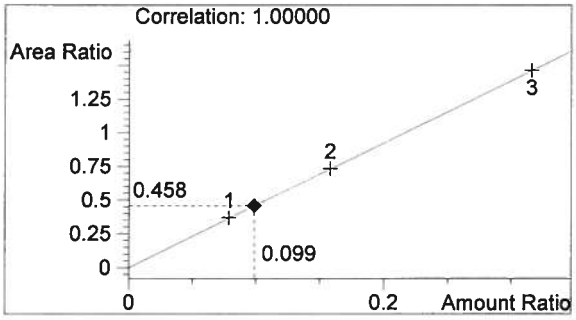
0.10 CTRL- GS
Gwynyth Scherperel

vial # 15

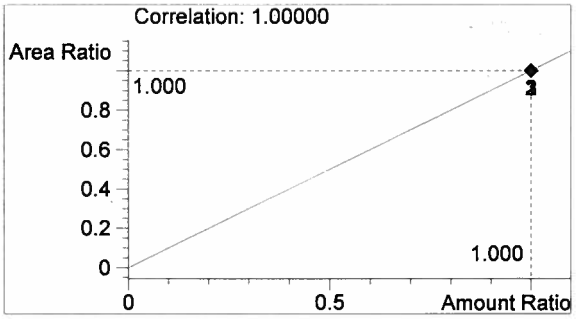


#	Compound	Area	RT
1	ETHANOL	853	1.068
2	n-PROPANOL	1863	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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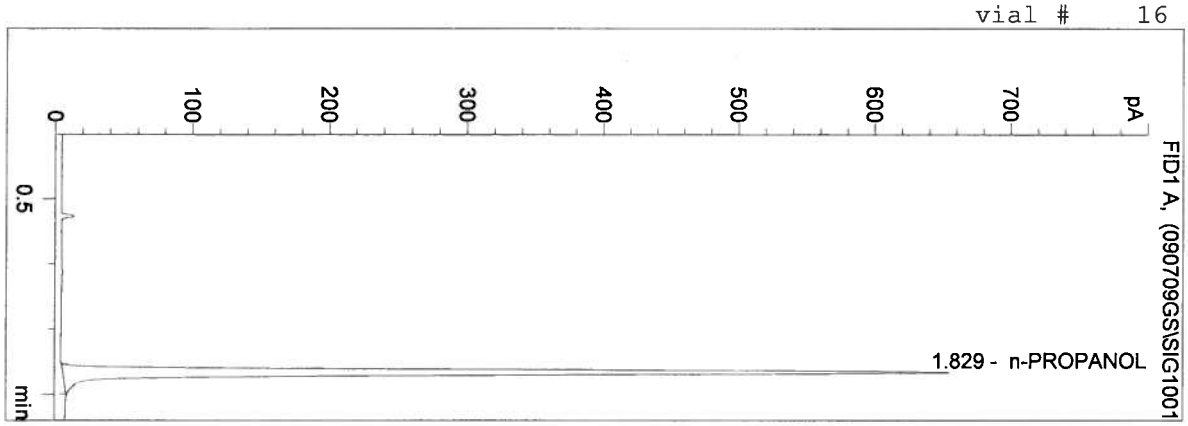
Instrument 3
db-alc2

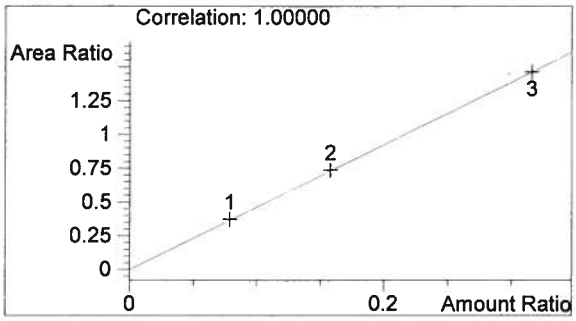
NEG CTRL- GS
Gwynyth Scherperel

vial # 16

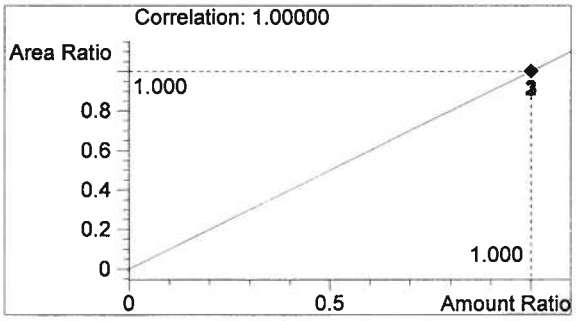


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1882	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09027

yd

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:	090709LN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-LN	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-LN	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-LN	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-LN	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-LN	SIMALC	1	Ctrl Samp		
10	Vial 10	09027 #1	SIMALC	1	Sample		
11	Vial 11	09027 #2	SIMALC	1	Sample		
12	Vial 12	09027 #3	SIMALC	1	Sample		
13	Vial 13	09027 #4	SIMALC	1	Sample		
14	Vial 14	09027 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-LN	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-LN	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

09027

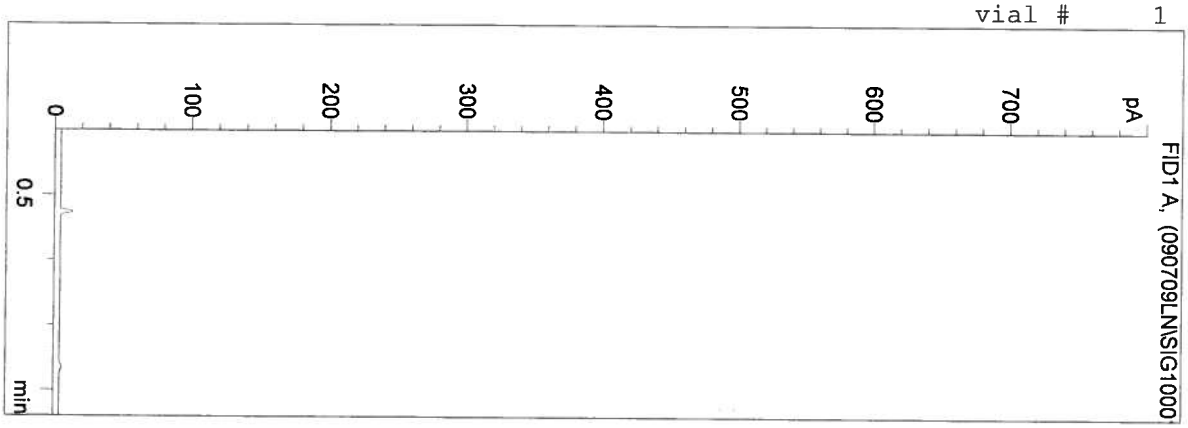
09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/9/2009 2:01:00 PM
Instrument 3
db-alc2

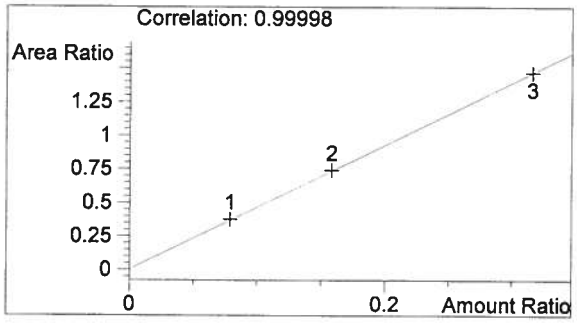
BLANK
Lisa Noble

vial # 1

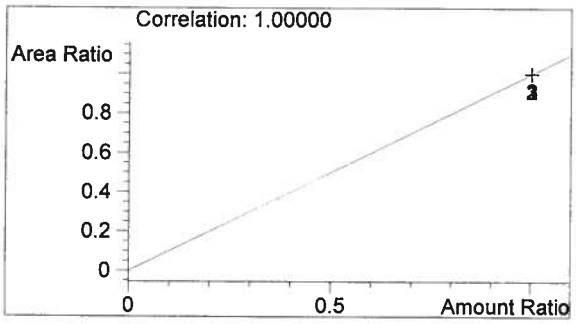


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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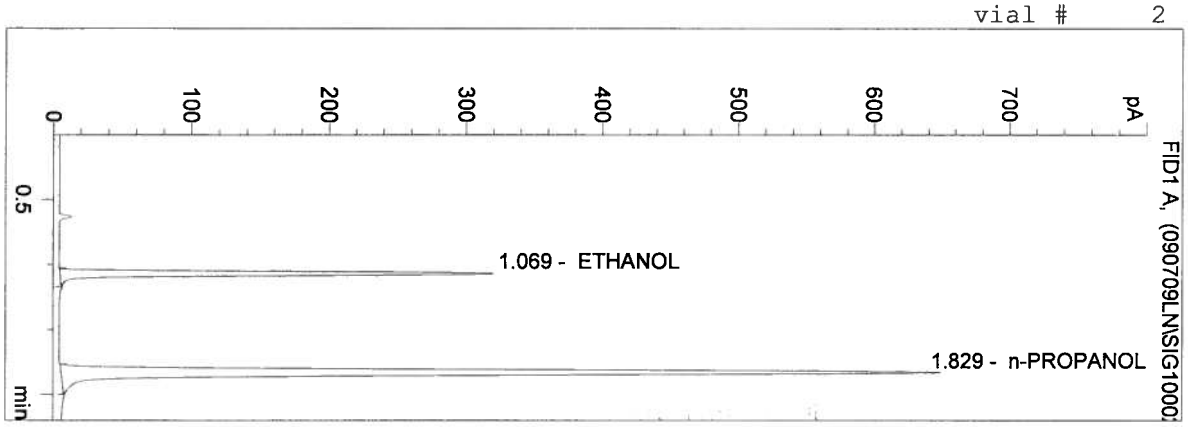
Instrument 3
db-alc2

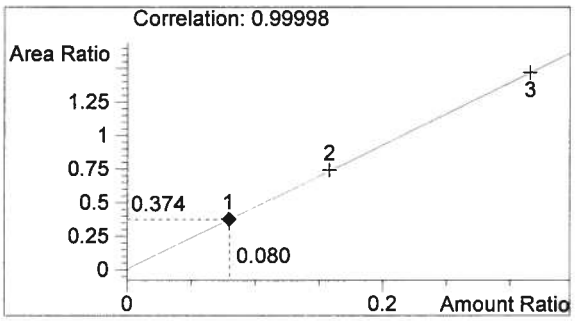
0.079 CAL 1
Lisa Noble

vial # 2

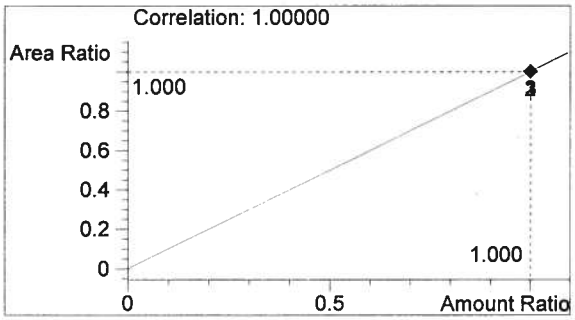


#	Compound	Area	RT
1	ETHANOL	696	1.069
2	n-PROPANOL	1863	1.829

Totals:



ETHANOL 0.080 g/100ml



n-PROPANOL 1.000 g/100ml

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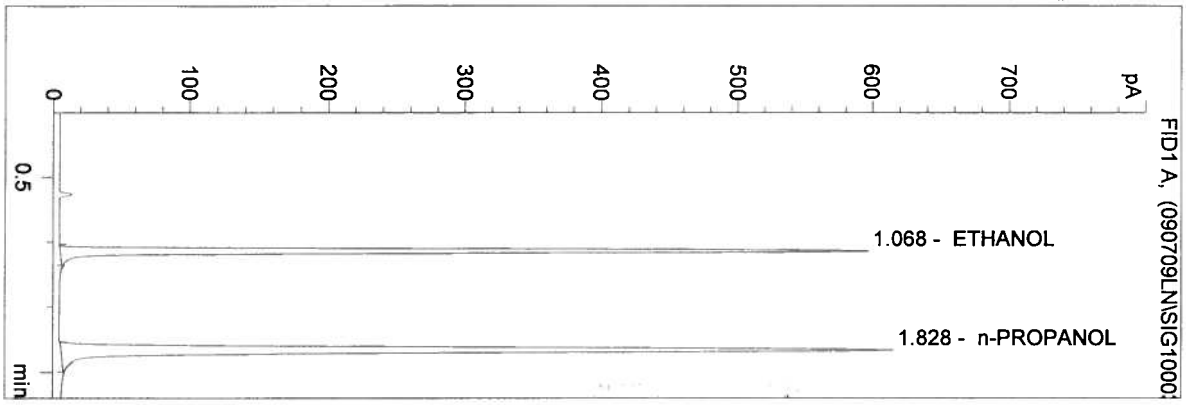
Instrument 3
db-alc2

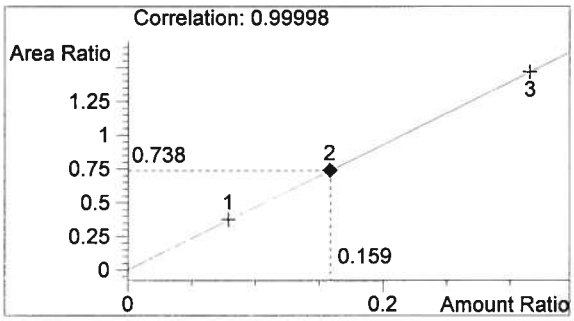
0.158 CAL 2
Lisa Noble

vial # 3

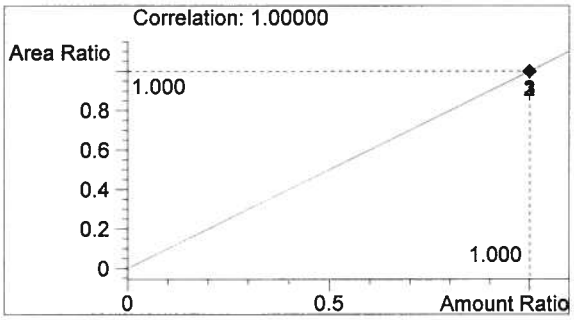


#	Compound	Area	RT
1	ETHANOL	1298	1.068
2	n-PROPANOL	1758	1.828

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

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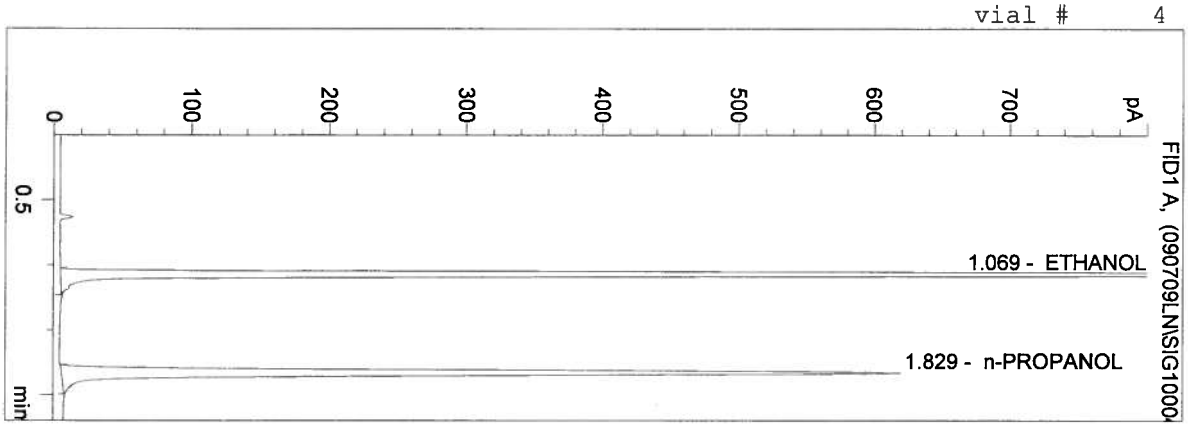
Instrument 3
db-alc2

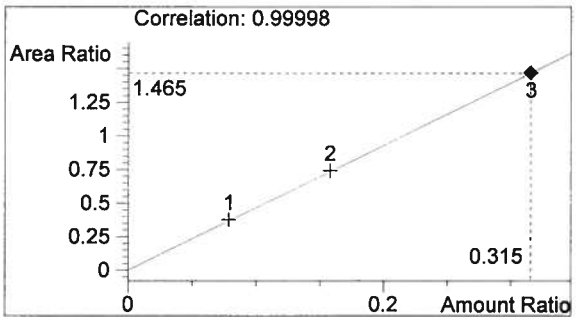
0.316 CAL 3
Lisa Noble

vial # 4

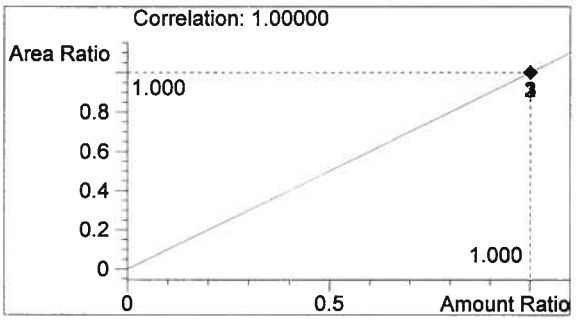


#	Compound	Area	RT
1	ETHANOL	2596	1.069
2	n-PROPANOL	1772	1.829

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

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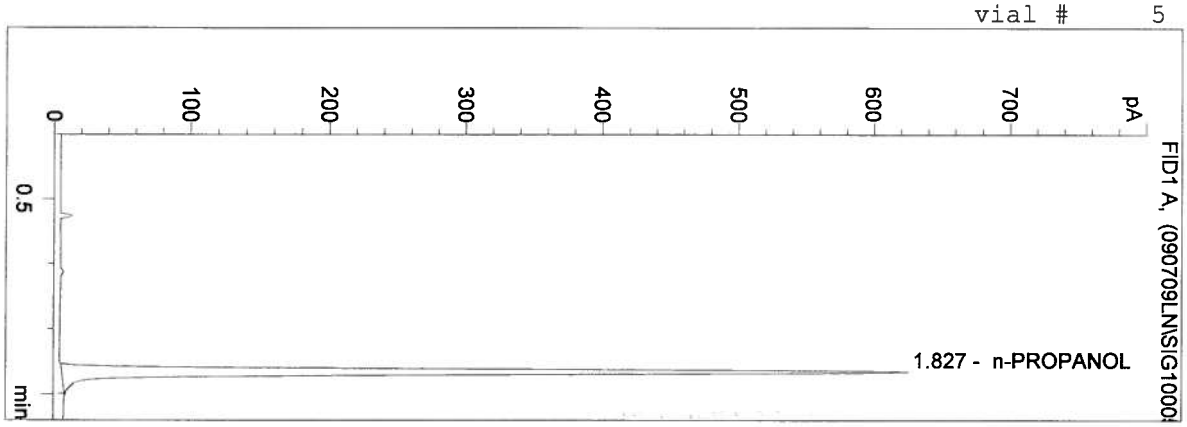
Instrument 3
db-alc2

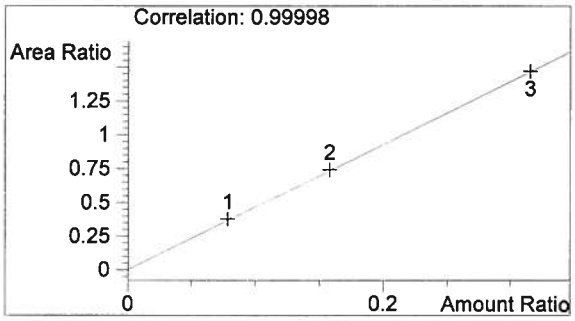
NEG CTRL-LN
Lisa Noble

vial # 5

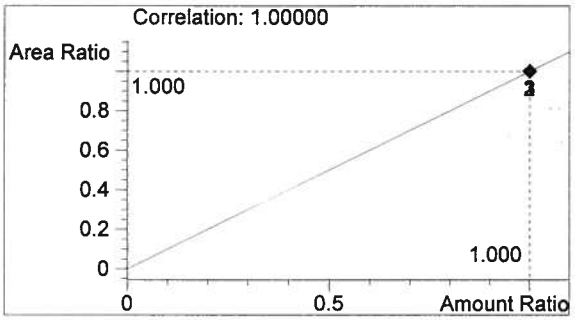


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1798	1.827

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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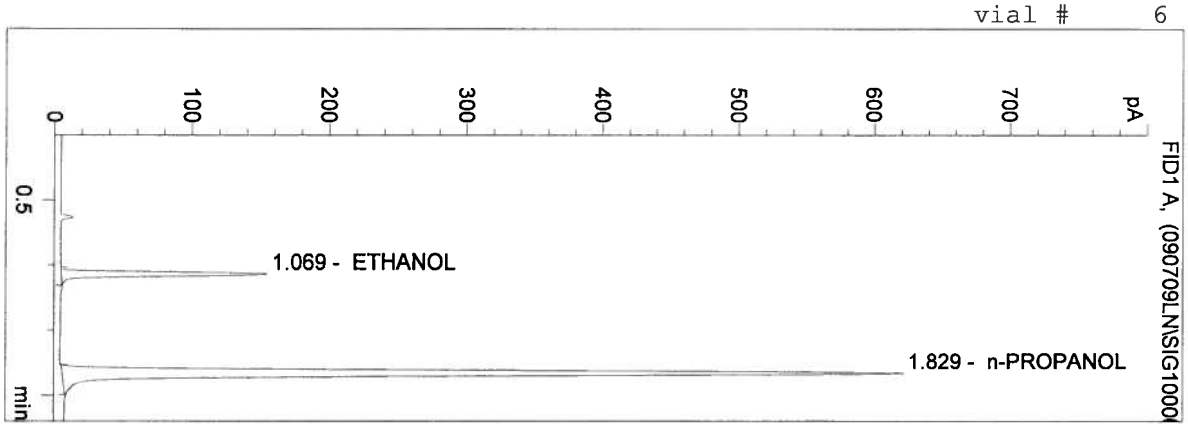
Instrument 3
db-alc2

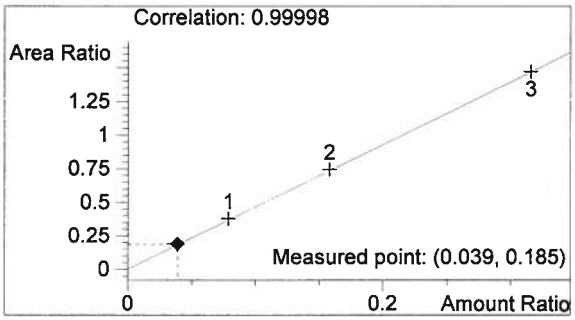
0.04 CTRL-LN
Lisa Noble

vial # 6

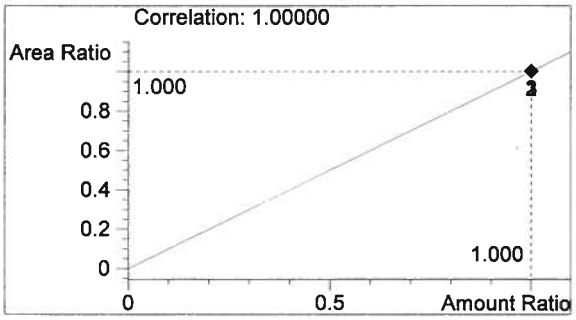


#	Compound	Area	RT
1	ETHANOL	329	1.069
2	n-PROPANOL	1778	1.829

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

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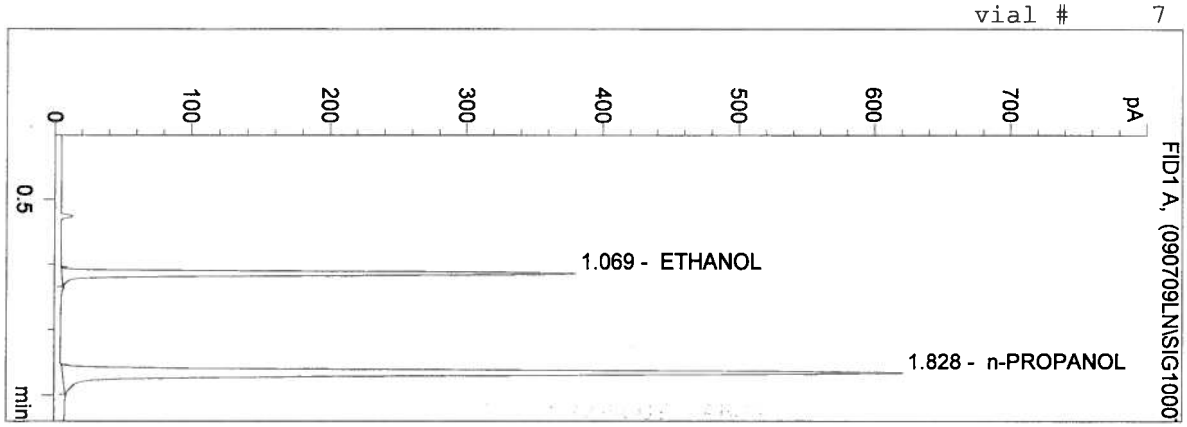
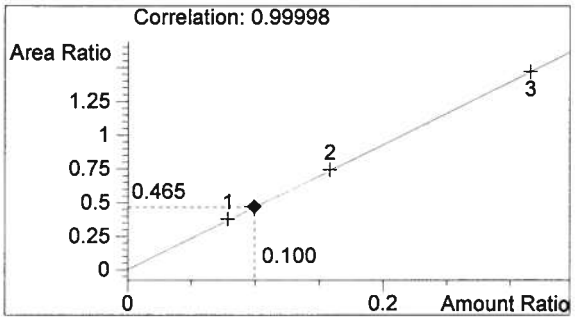
Instrument 3
db-alc2

0.10 CTRL-LN
Lisa Noble

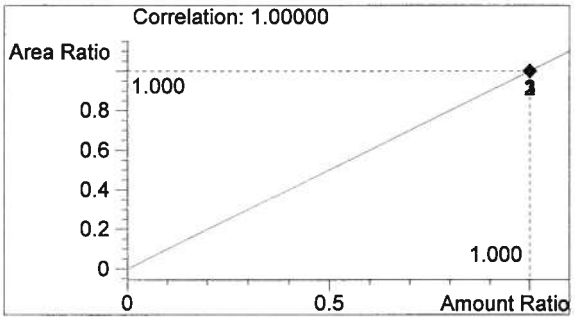
vial # 7



#	Compound	Area	RT
1	ETHANOL	827	1.069
2	n-PROPANOL	1779	1.828
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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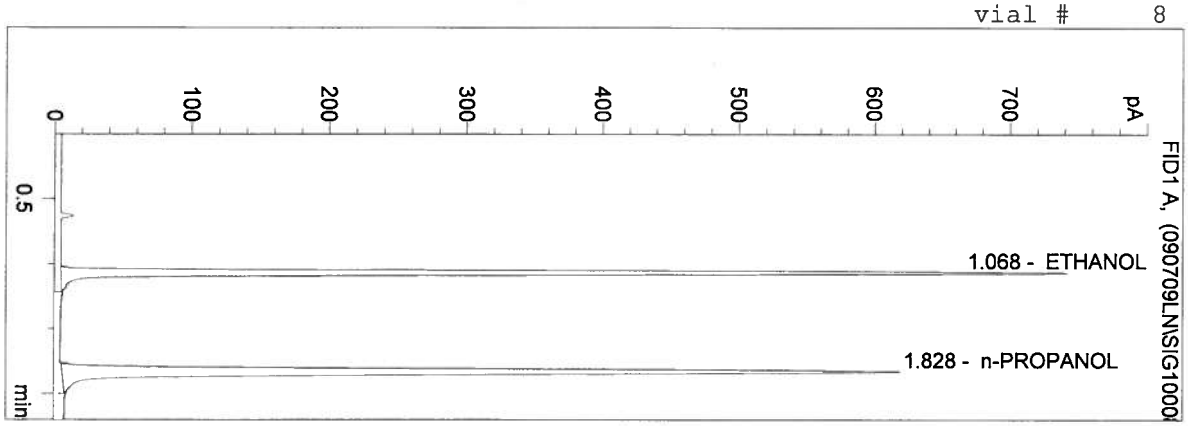
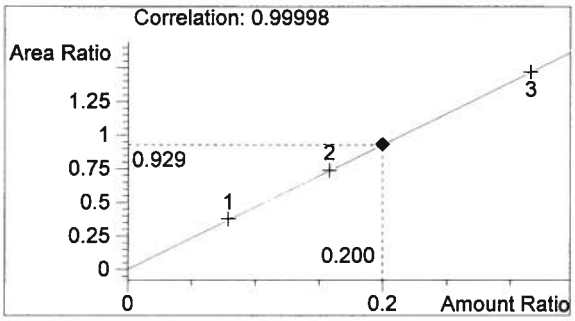
Instrument 3
db-alc2

0.20 CTRL-LN
Lisa Noble

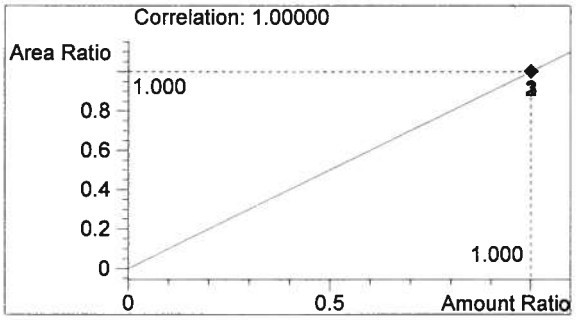
vial # 8



#	Compound	Area	RT
1	ETHANOL	1643	1.068
2	n-PROPANOL	1769	1.828
Totals:			



ETHANOL 0.200 g/100ml



n-PROPANOL 1.000 g/100ml

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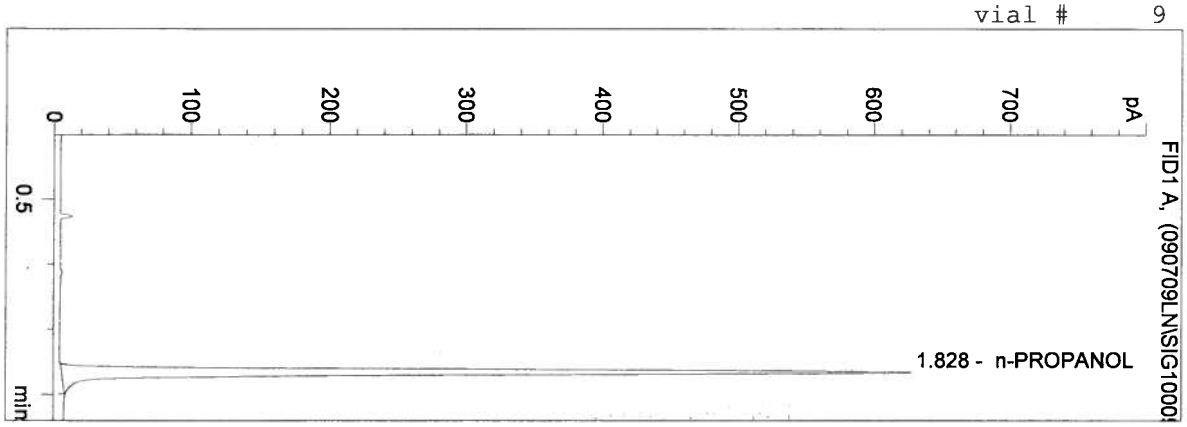
Instrument 3
db-alc2

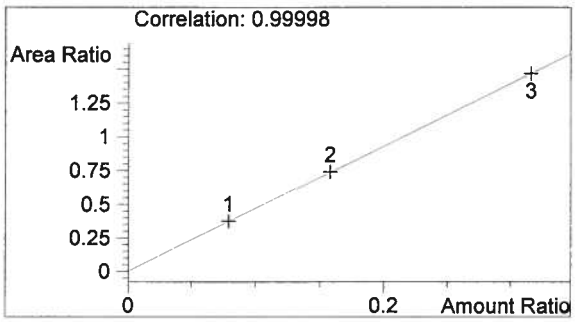
NEG CTRL-LN
Lisa Noble

vial # 9

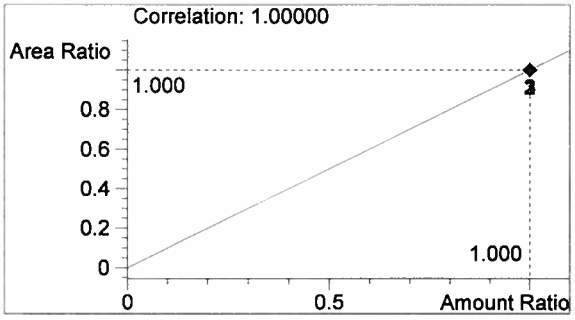


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1798	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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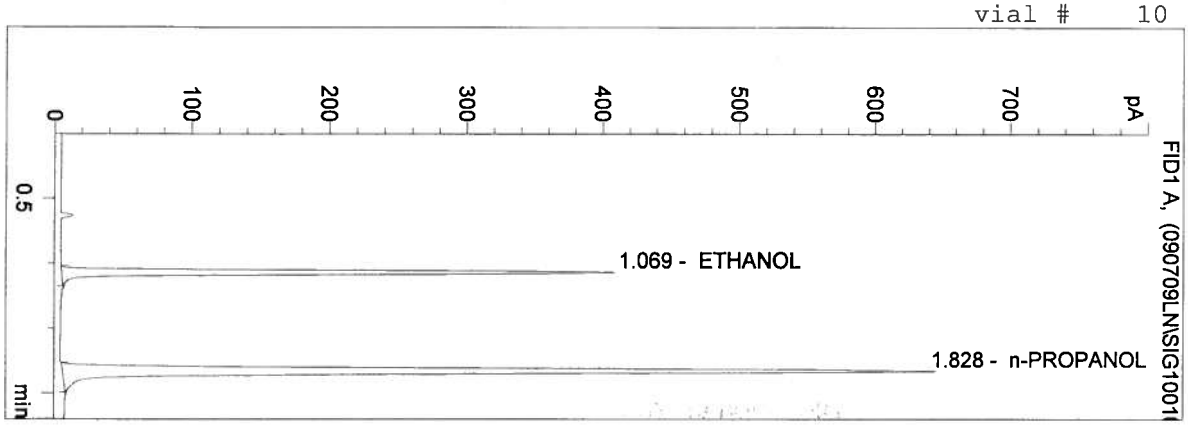
Instrument 3
db-alc2

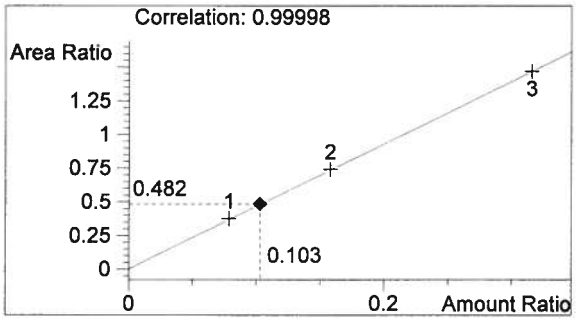
09027 #1
Lisa Noble

vial # 10

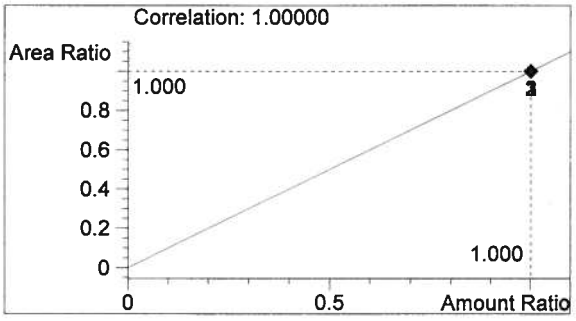


#	Compound	Area	RT
1	ETHANOL	887	1.069
2	n-PROPANOL	1840	1.828

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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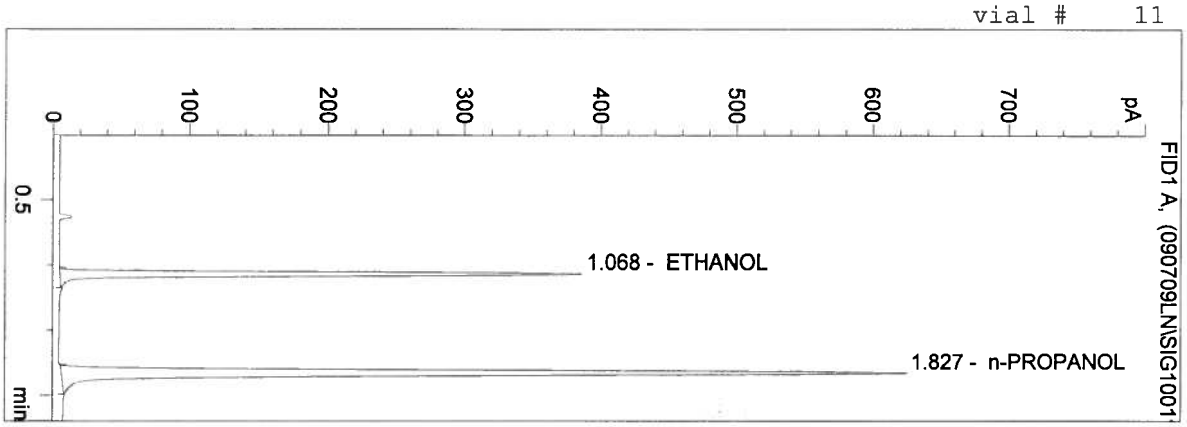
Instrument 3
db-alc2

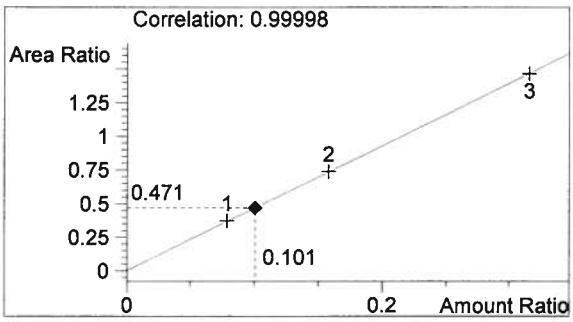
09027 #2
Lisa Noble

vial # 11

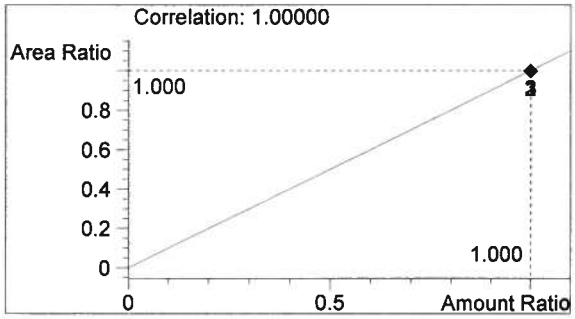


#	Compound	Area	RT
1	ETHANOL	841	1.068
2	n-PROPANOL	1787	1.827

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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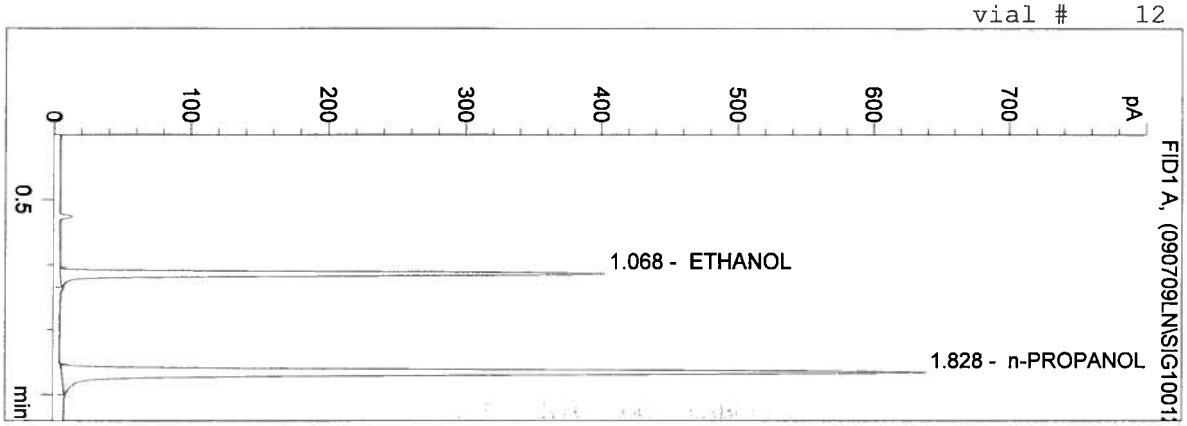
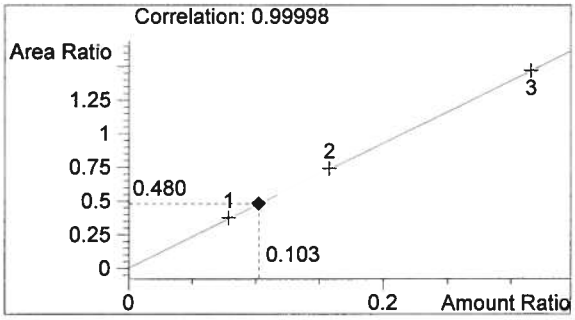
Instrument 3
db-alc2

09027 #3
Lisa Noble

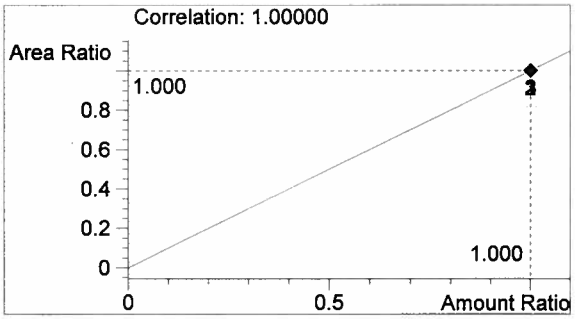
vial # 12



#	Compound	Area	RT
1	ETHANOL	878	1.068
2	n-PROPANOL	1830	1.828
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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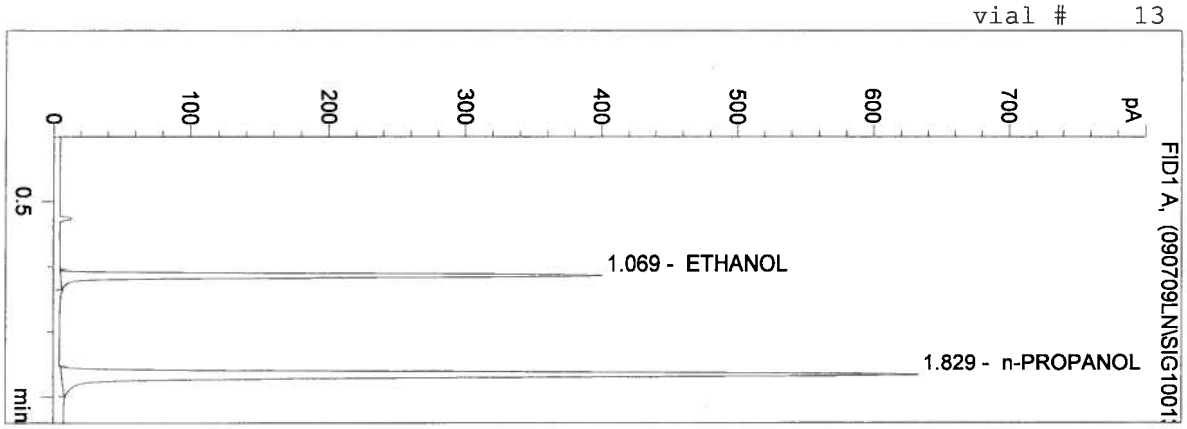
Instrument 3
db-alc2

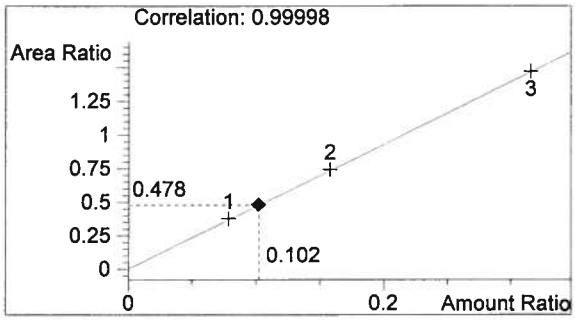
09027 #4
Lisa Noble

vial # 13

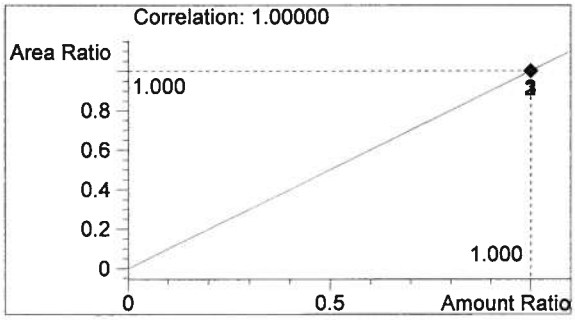


#	Compound	Area	RT
1	ETHANOL	866	1.069
2	n-PROPANOL	1811	1.829

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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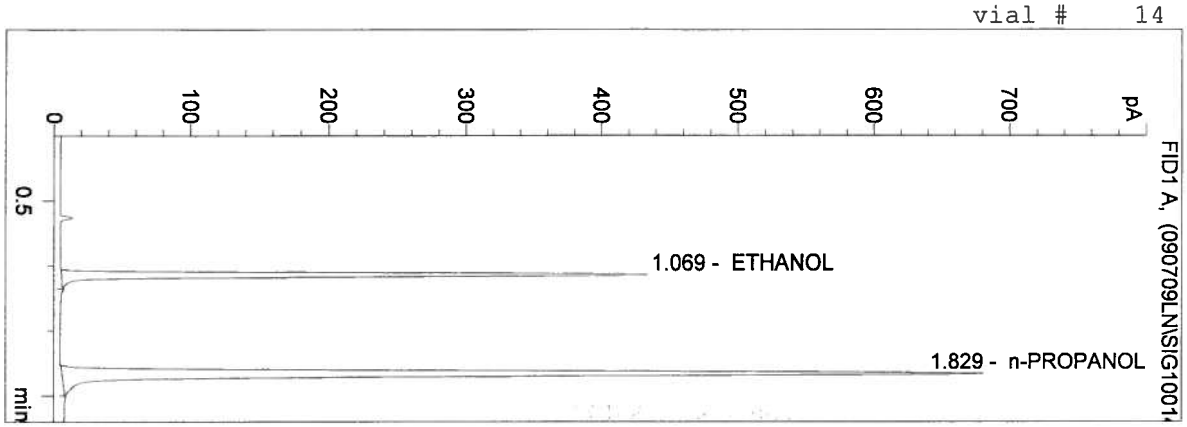
Instrument 3
db-alc2

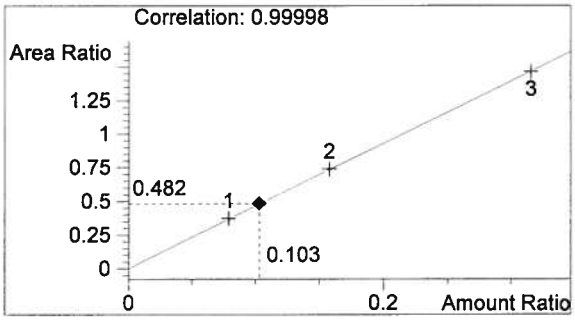
09027 #5
Lisa Noble

vial # 14

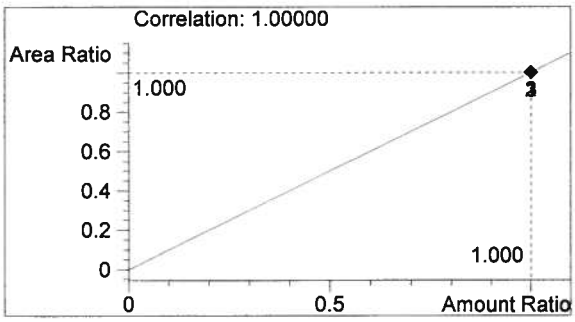


#	Compound	Area	RT
1	ETHANOL	938	1.069
2	n-PROPANOL	1947	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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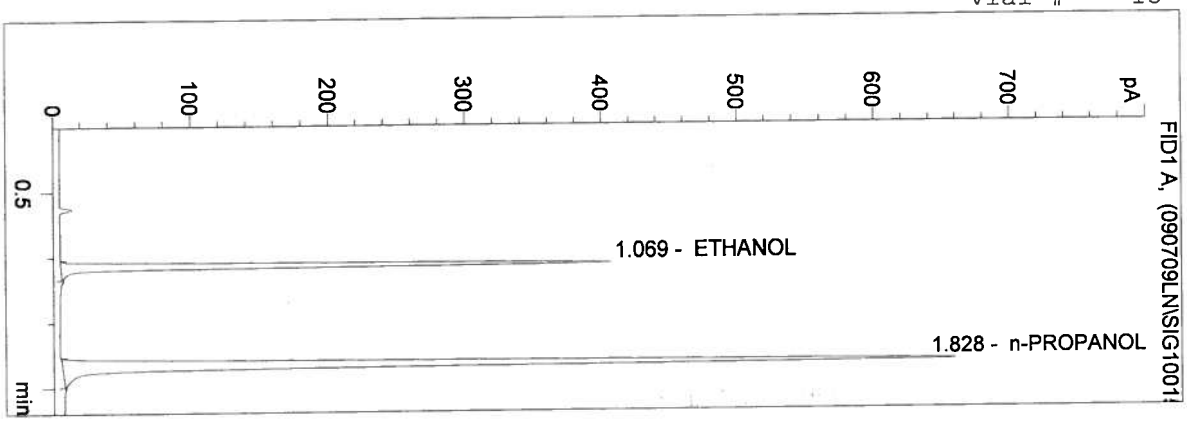
Instrument 3
db-alc2

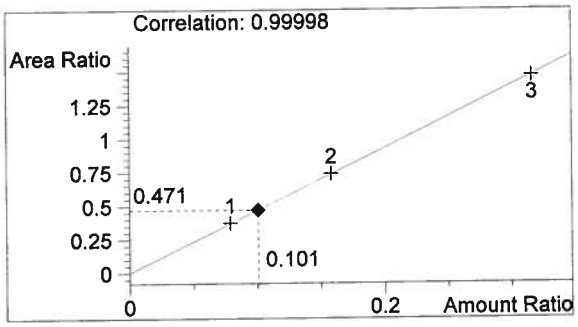
0.10 CTRL-LN
Lisa Noble

vial # 15

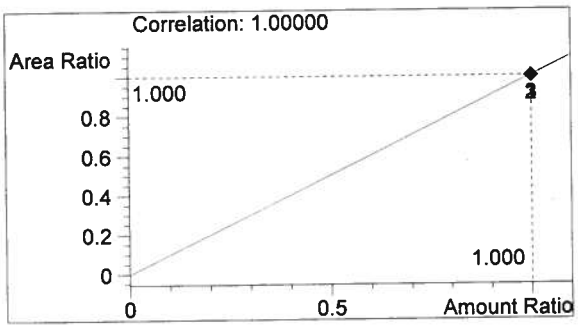


#	Compound	Area	RT
1	ETHANOL	887	1.069
2	n-PROPANOL	1884	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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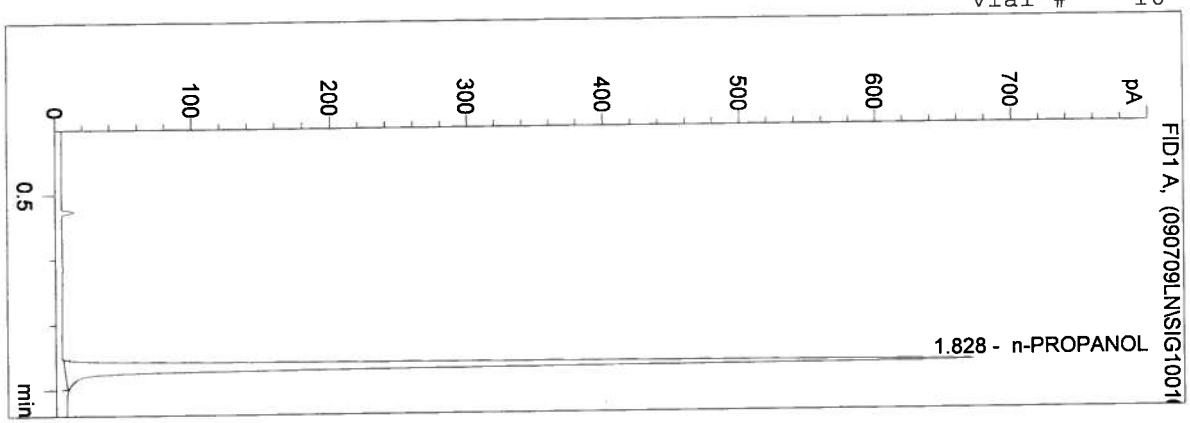
Instrument 3
db-alc2

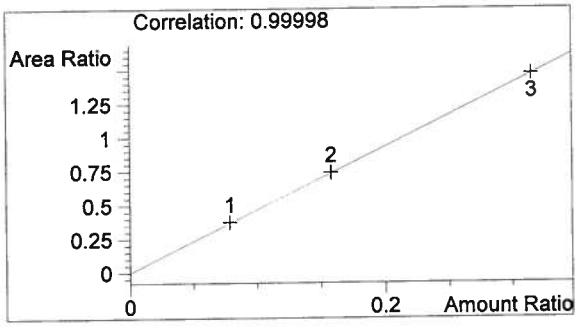
NEG CTRL-LN
Lisa Noble

vial # 16

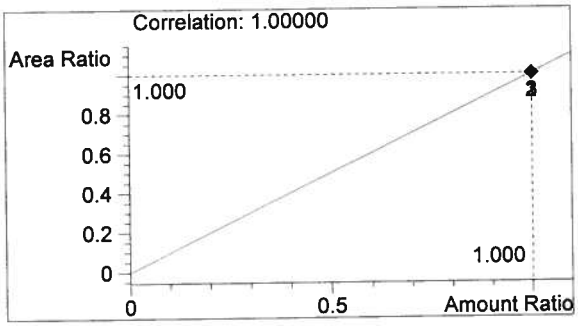


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1916	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09027

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:	090717NN
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL3	SIMALC	1	Calib		
5	Vial 5	NEG CTL-NN	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTL-NN	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTL-NN	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTL-NN	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTL-NN	SIMALC	1	Ctrl Samp		
10	Vial 10	ESS 09027-1	SIMALC	1	Sample		
11	Vial 11	ESS 09027-2	SIMALC	1	Sample		
12	Vial 12	ESS 09027-3	SIMALC	1	Sample		
13	Vial 13	ESS 09027-4	SIMALC	1	Sample		
14	Vial 14	ESS 09027-5	SIMALC	1	Sample		
15	Vial 15	0.10 CTL-NN	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTL-NN	SIMALC	1	Ctrl Samp		

Calibration Part:

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

09027

Sequence Table (Back Injector):

No entries - empty table!

NN 7/20/09

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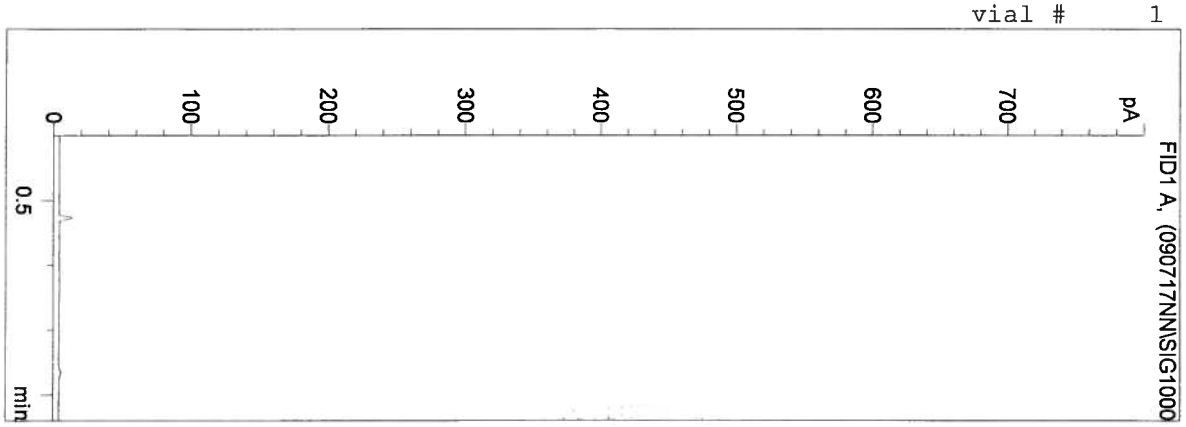
C:\HPCHEM\2\METHODS\SIMALC.M
7/17/2009 12:16:30 PM
Instrument 3
db-alc2

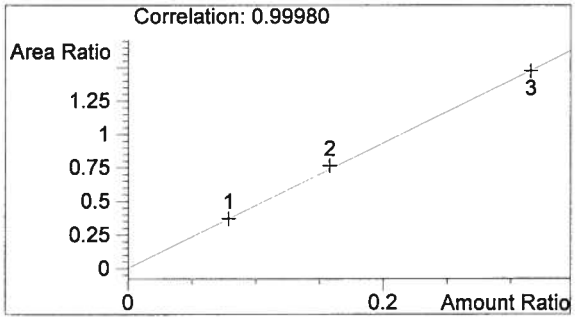
BLANK
Naziha Nuwayhid, PhD

vial # 1

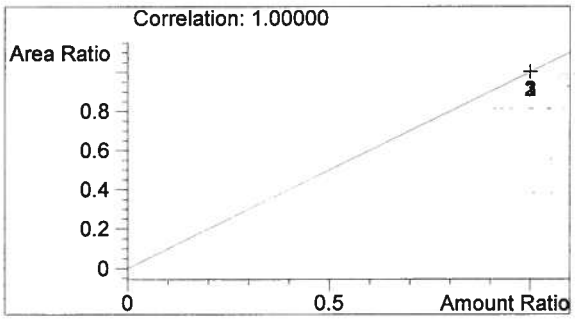


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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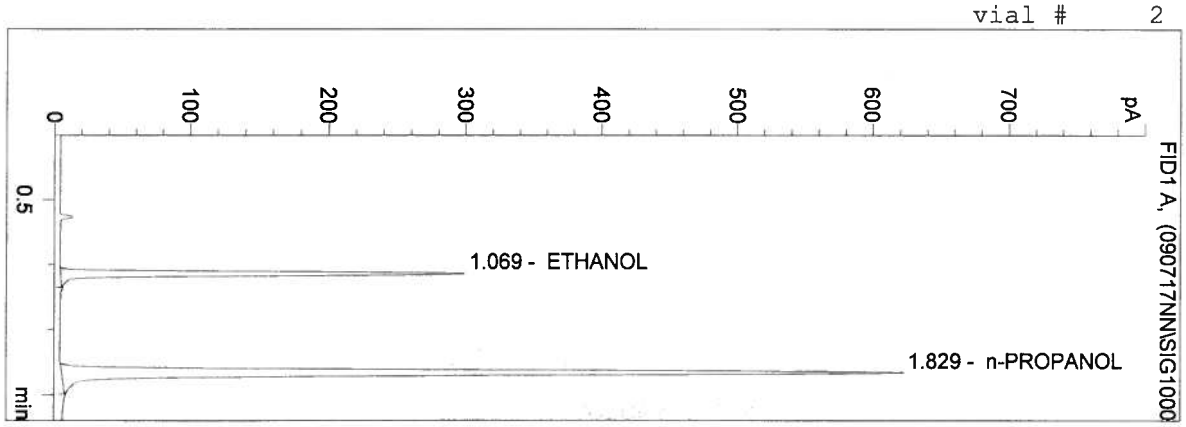
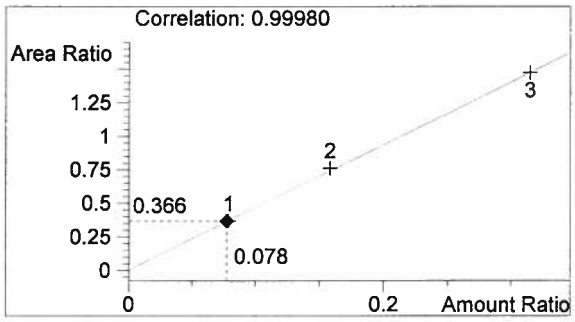
Instrument 3
db-alc2

0.079 CAL1
Naziha Nuwayhid, PhD

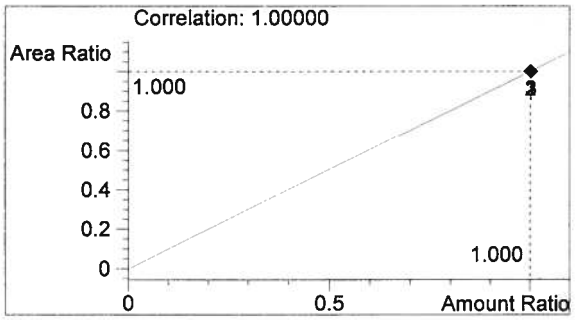
vial # 2



#	Compound	Area	RT
1	ETHANOL	655	1.069
2	n-PROPANOL	1789	1.829
Totals:			



ETHANOL 0.078 g/100ml



n-PROPANOL 1.000 g/100ml

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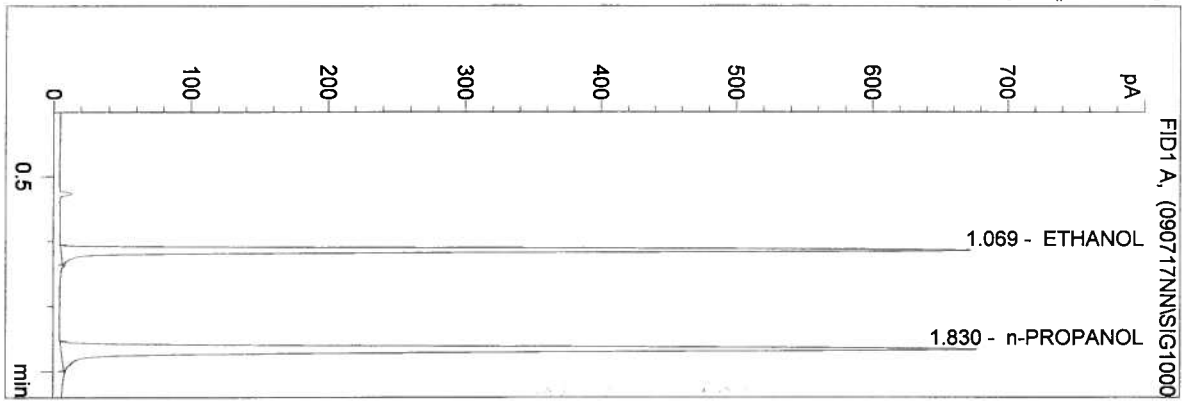
Instrument 3
db-alc2

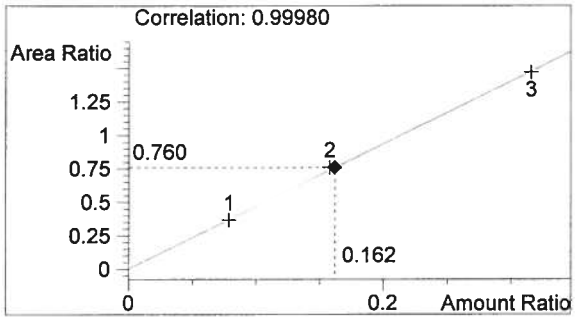
0.158 CAL2
Naziha Nuwayhid, PhD

vial # 3

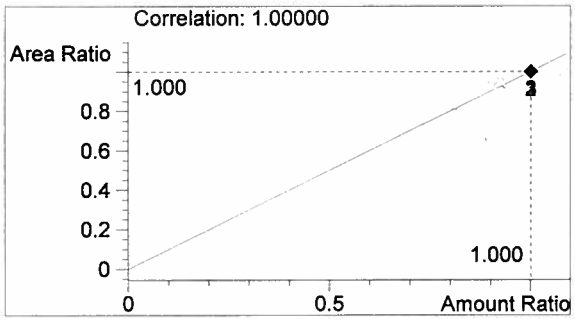


#	Compound	Area	RT
1	ETHANOL	1476	1.069
2	n-PROPANOL	1943	1.830

Totals:



ETHANOL 0.162 g/100ml



n-PROPANOL 1.000 g/100ml

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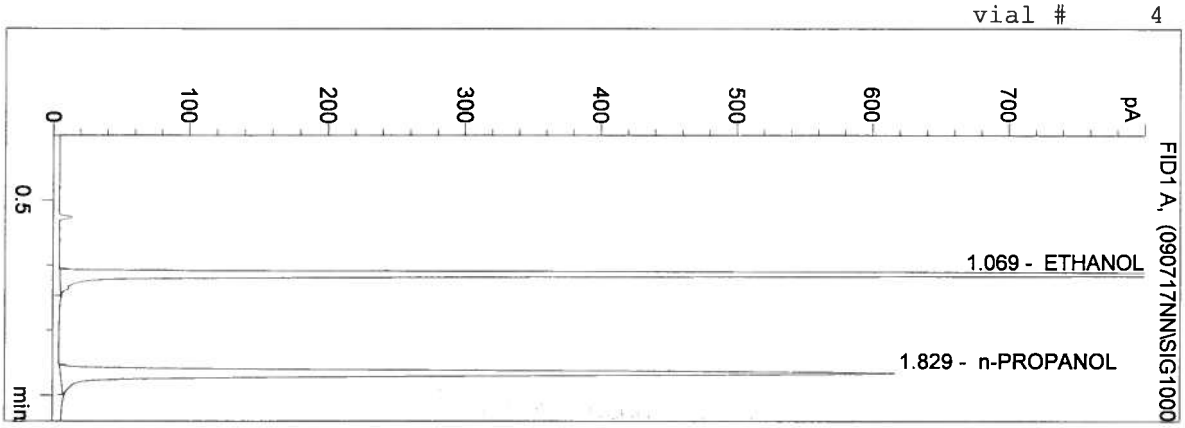
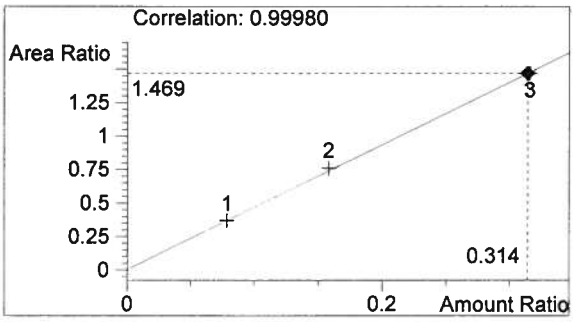
Instrument 3
db-alc2

0.316 CAL3
Naziha Nuwayhid, PhD

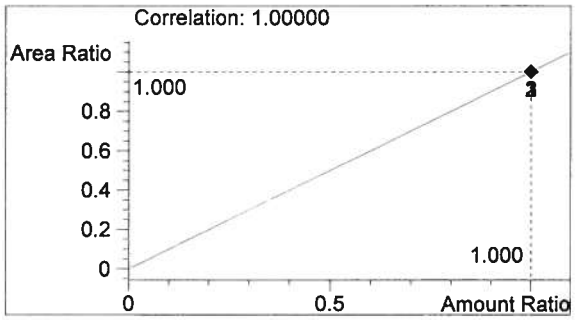
vial # 4



#	Compound	Area	RT
1	ETHANOL	2601	1.069
2	n-PROPANOL	1771	1.829
Totals:			



ETHANOL 0.314 g/100ml



n-PROPANOL 1.000 g/100ml

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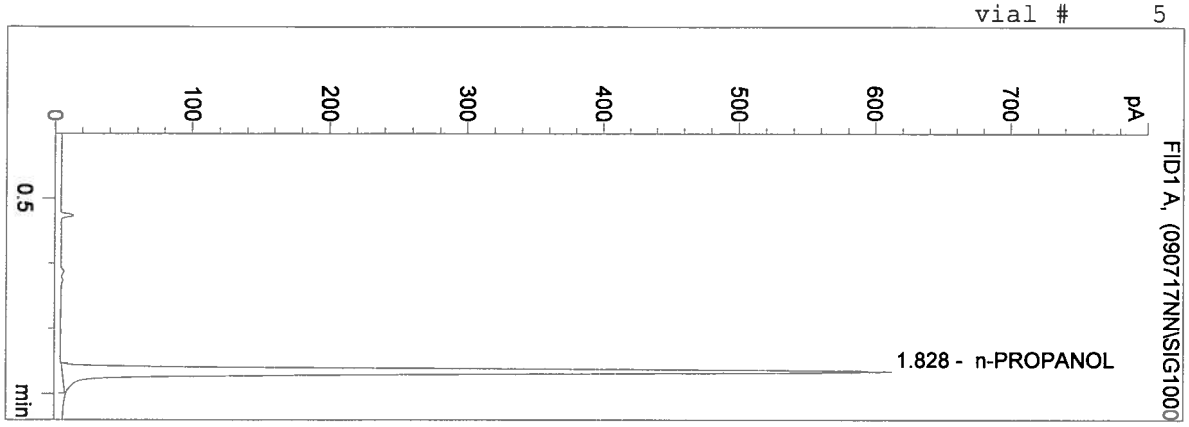
Instrument 3
db-alc2

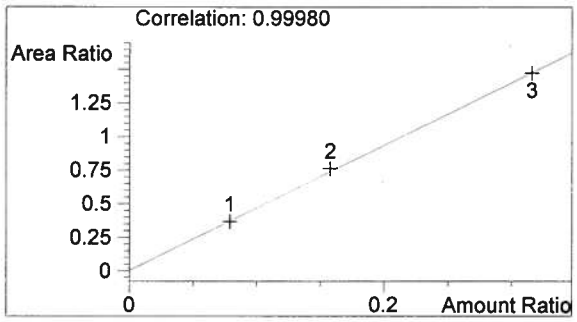
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 5

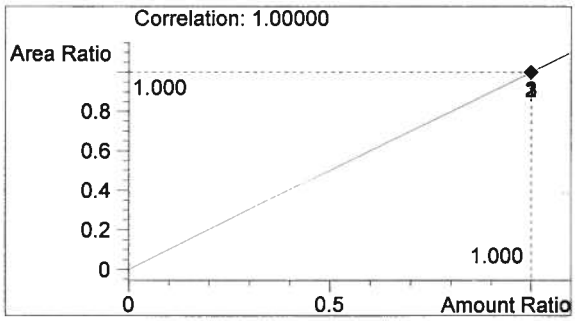


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1760	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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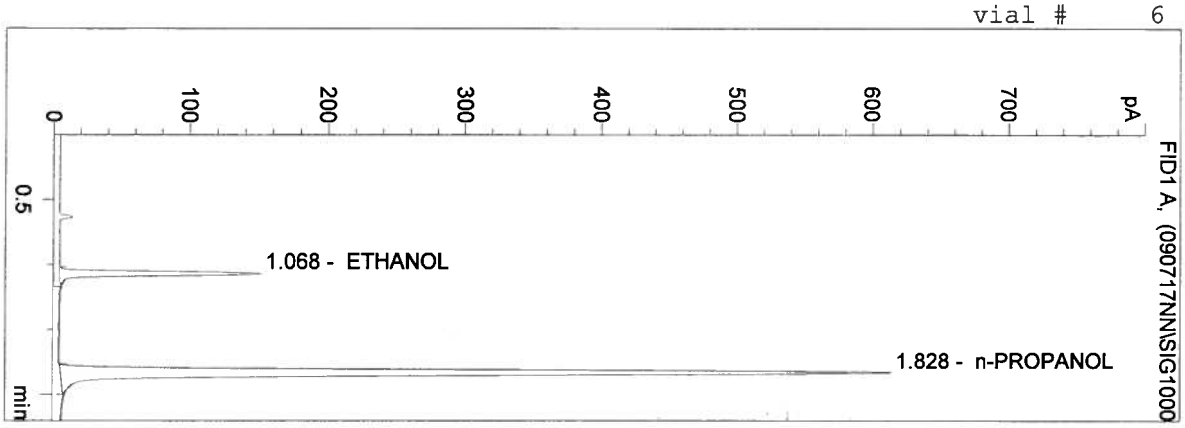
Instrument 3
db-alc2

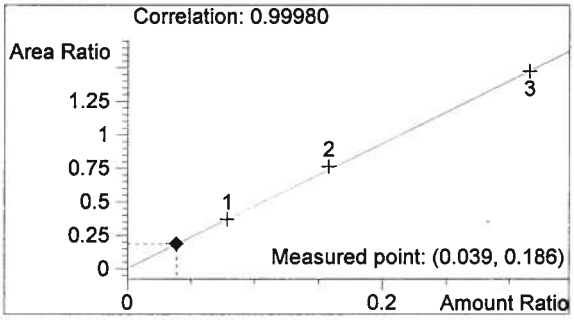
0.04 CTL-NN
Naziha Nuwayhid, PhD

vial # 6

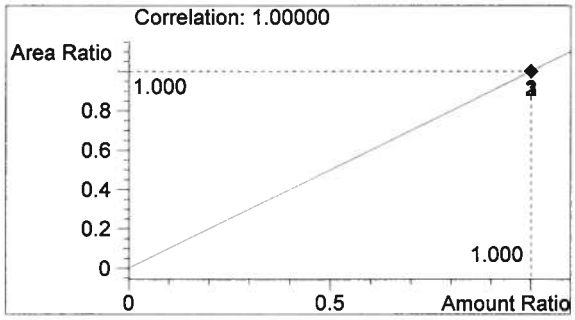


#	Compound	Area	RT
1	ETHANOL	327	1.068
2	n-PROPANOL	1760	1.828

Totals:



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

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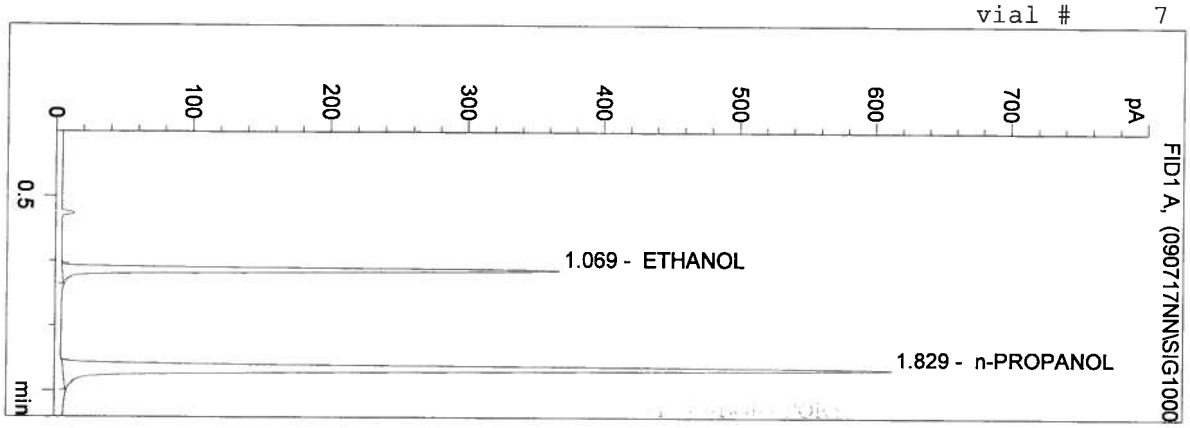
Instrument 3
db-alc2

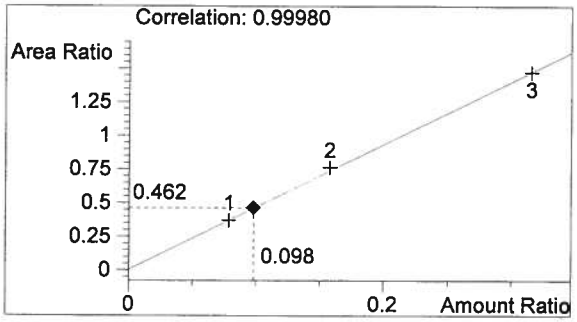
0.10 CTL-NN
Naziha Nuwayhid, PhD

vial # 7

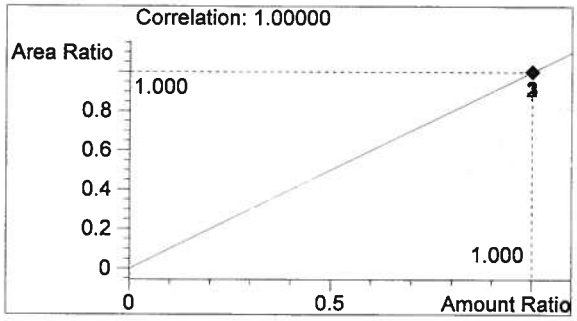


#	Compound	Area	RT
1	ETHANOL	818	1.069
2	n-PROPANOL	1768	1.829

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

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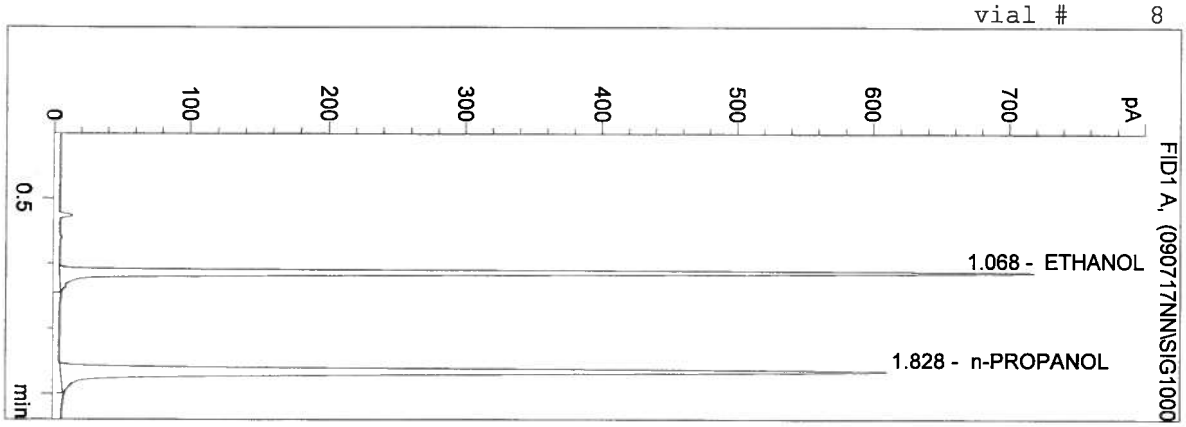
Instrument 3
db-alc2

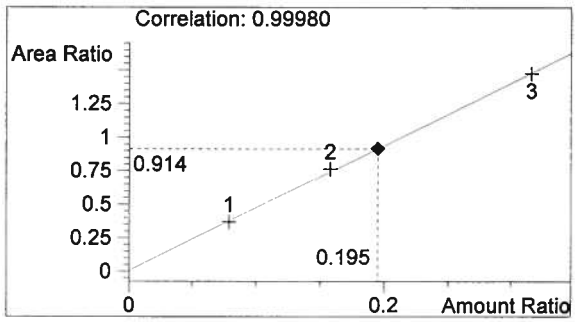
0.20 CTL-NN
Naziha Nuwayhid, PhD

vial # 8

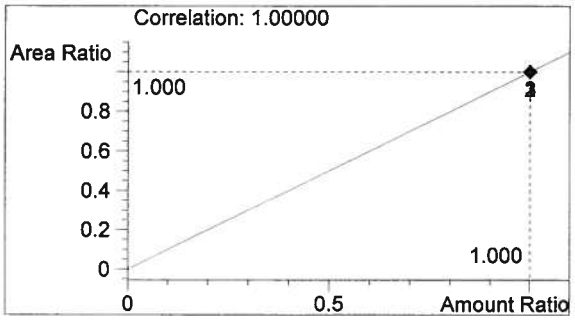


#	Compound	Area	RT
1	ETHANOL	1602	1.068
2	n-PROPANOL	1753	1.828

Totals:



ETHANOL 0.195 g/100ml



n-PROPANOL 1.000 g/100ml

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7/20/09

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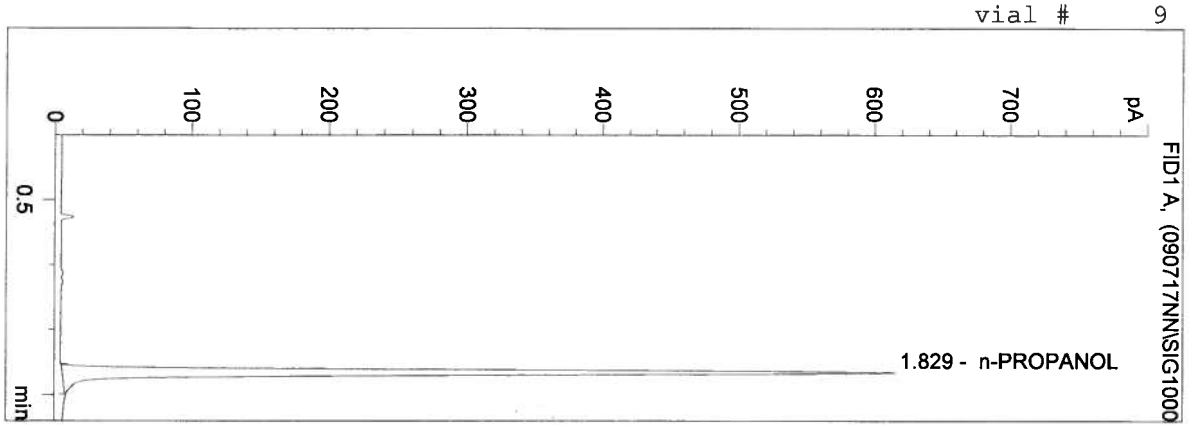
Instrument 3
db-alc2

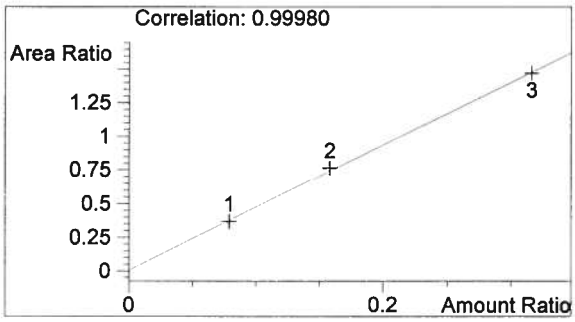
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 9

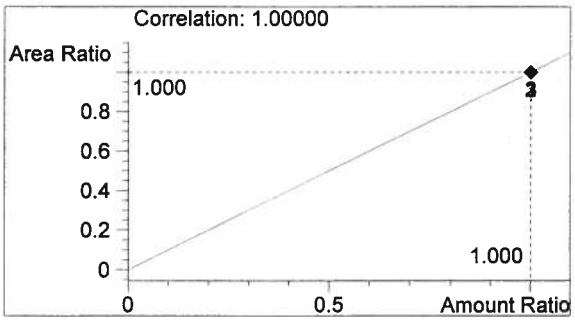


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1770	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09027

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7/20/09

WASHINGTON STATE TOXICOLOGY LABORATORY

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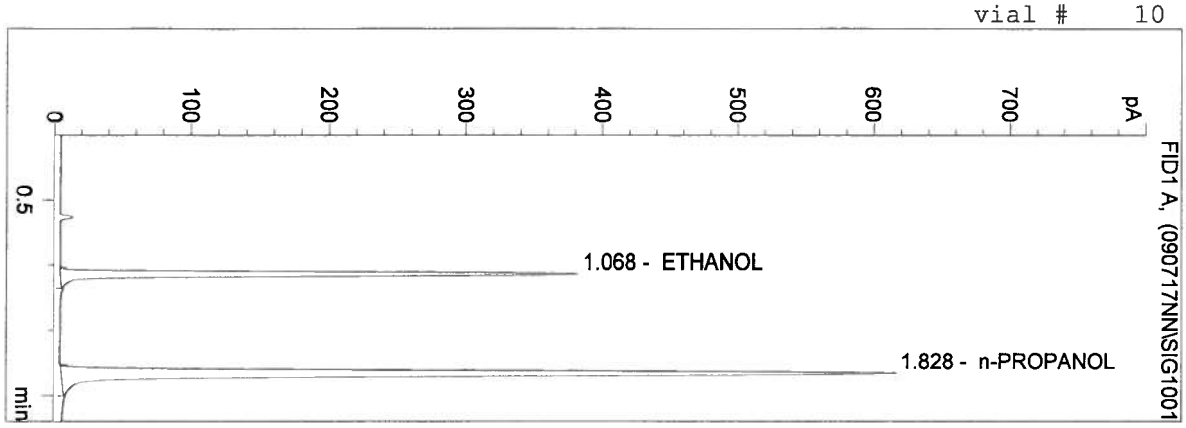
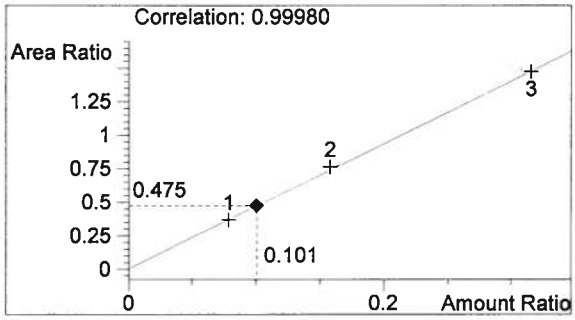
7/17/2009 12:44:41 PM
Instrument 3
db-alc2

ESS 09027-1
Naziha Nuwayhid, PhD

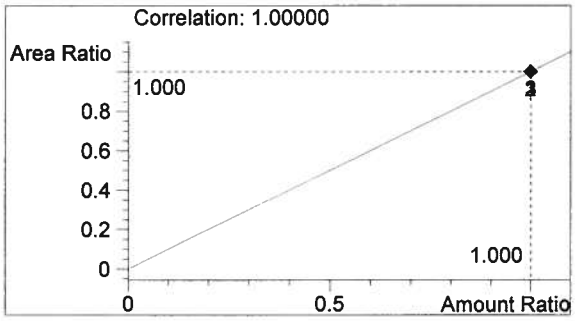
vial # 10



#	Compound	Area	RT
1	ETHANOL	841	1.068
2	n-PROPANOL	1772	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

MN
7/20/09

WASHINGTON STATE TOXICOLOGY LABORATORY

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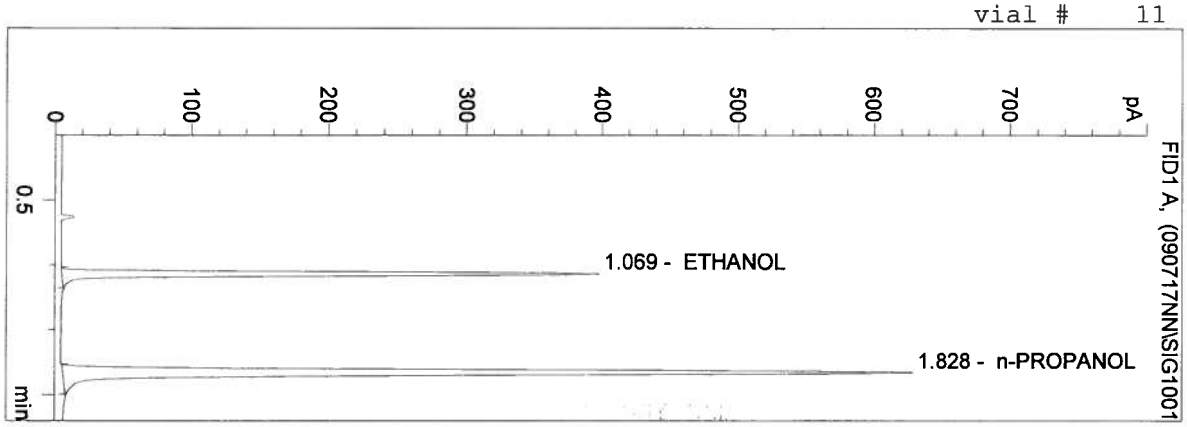
Instrument 3
db-alc2

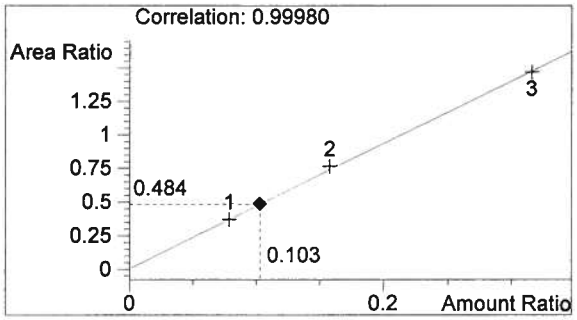
ESS 09027-2
Naziha Nuwayhid, PhD

vial # 11

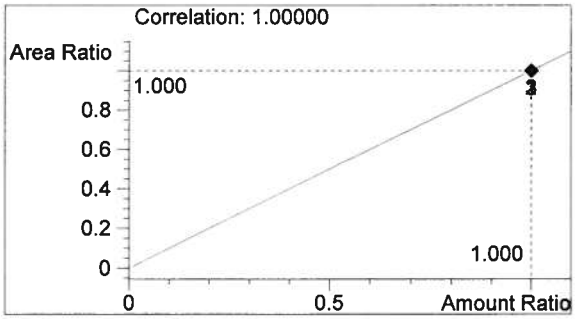


#	Compound	Area	RT
1	ETHANOL	873	1.069
2	n-PROPANOL	1802	1.828

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

NN
7/20/09

WASHINGTON STATE TOXICOLOGY LABORATORY

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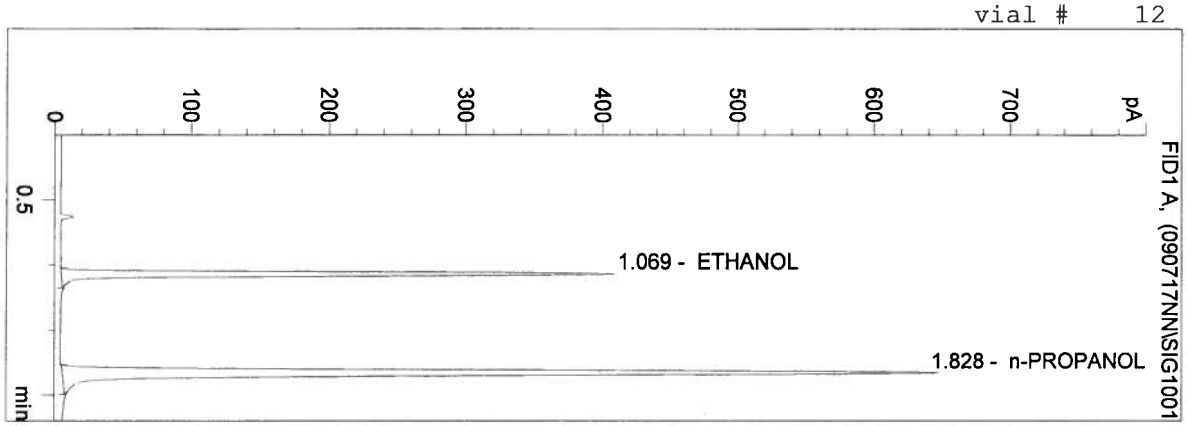
7/17/2009 12:50:57 PM
Instrument 3
db-alc2

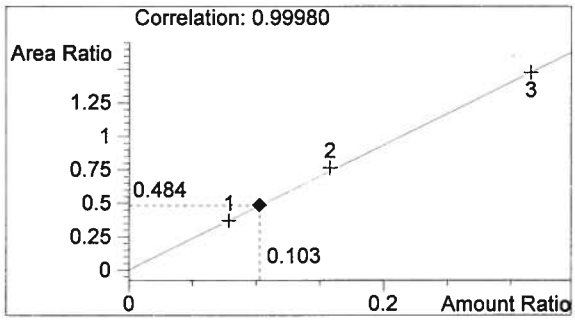
ESS 09027-3
Naziha Nuwayhid, PhD

vial # 12

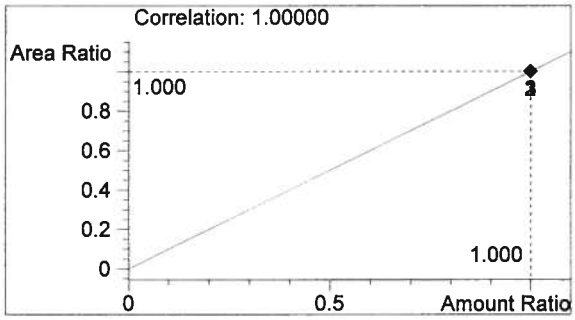


#	Compound	Area	RT
1	ETHANOL	895	1.069
2	n-PROPANOL	1851	1.828

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

NN 7/20/09

WASHINGTON STATE TOXICOLOGY LABORATORY

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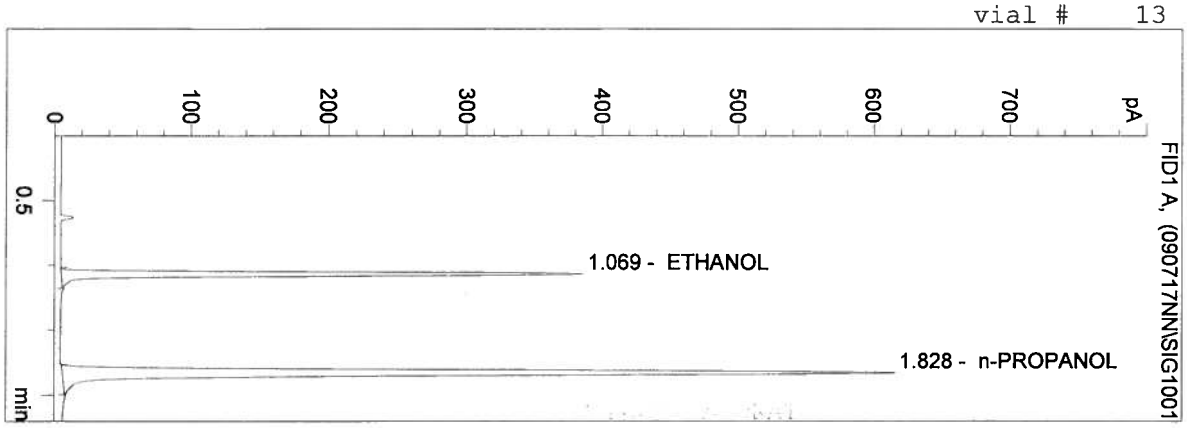
7/17/2009 12:54:04 PM
Instrument 3
db-alc2

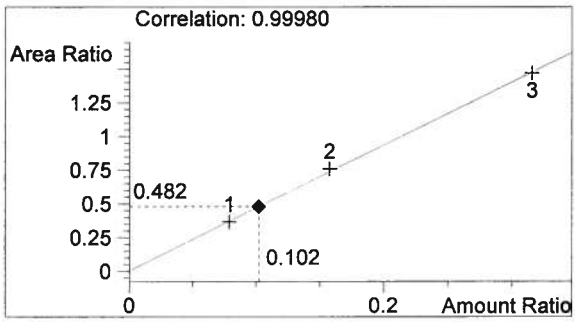
ESS 09027-4
Naziha Nuwayhid, PhD

vial # 13

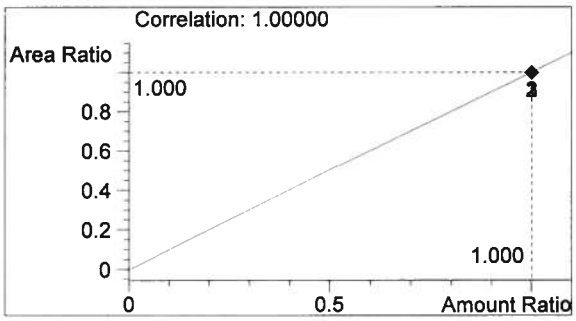


#	Compound	Area	RT
1	ETHANOL	850	1.069
2	n-PROPANOL	1766	1.828

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

NN 7/20/09

WASHINGTON STATE TOXICOLOGY LABORATORY

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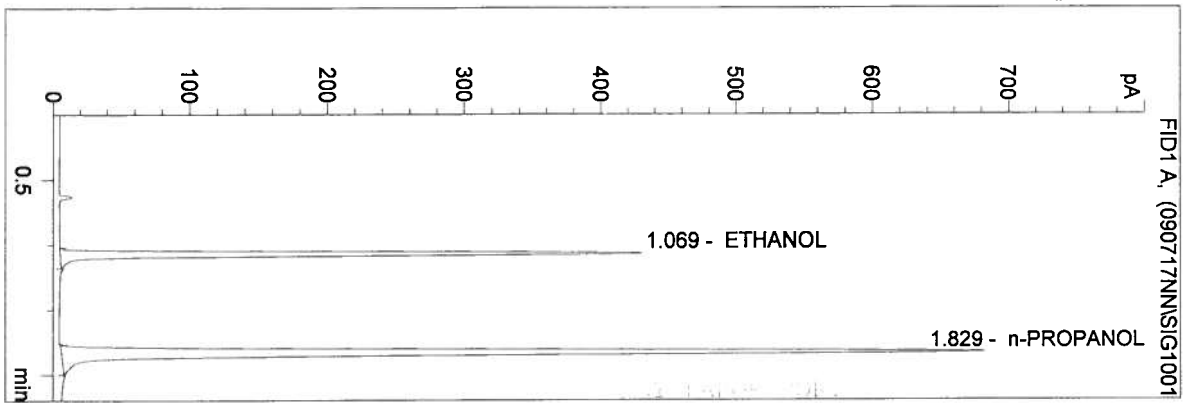
7/17/2009 12:57:12 PM
Instrument 3
db-alc2

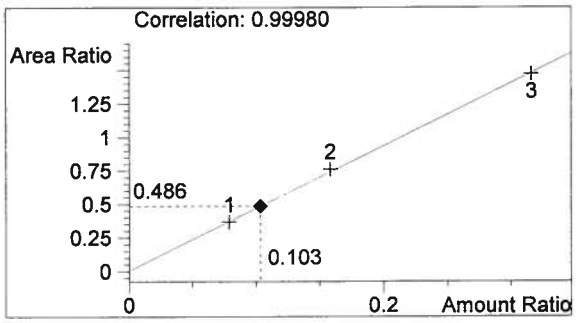
ESS 09027-5
Naziha Nuwayhid, PhD

vial # 14

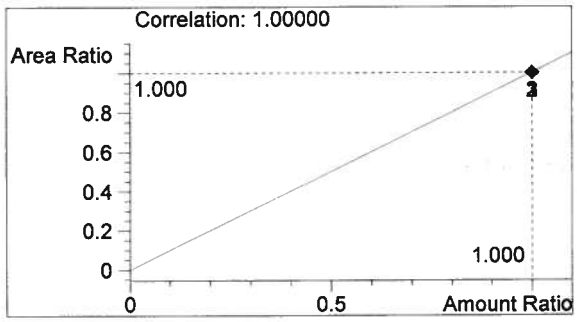


#	Compound	Area	RT
1	ETHANOL	951	1.069
2	n-PROPANOL	1957	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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7/20/09

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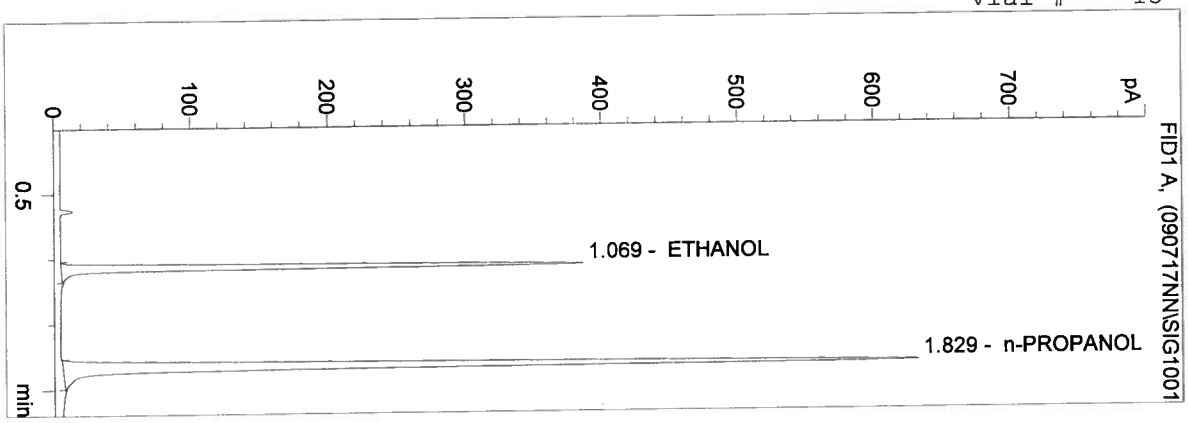
Instrument 3
db-alc2

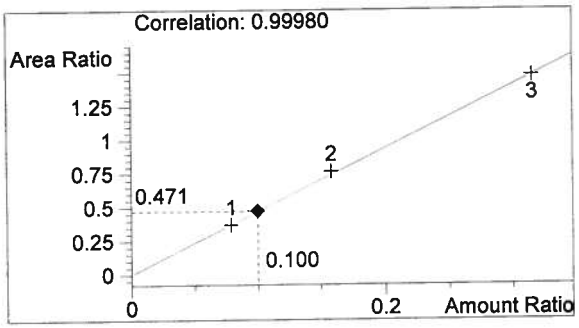
0.10 CTL-NN
Naziha Nuwayhid, PhD

vial # 15

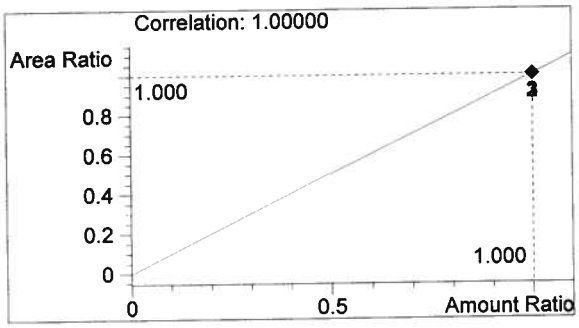


#	Compound	Area	RT
1	ETHANOL	854	1.069
2	n-PROPANOL	1814	1.829

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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7/20/09

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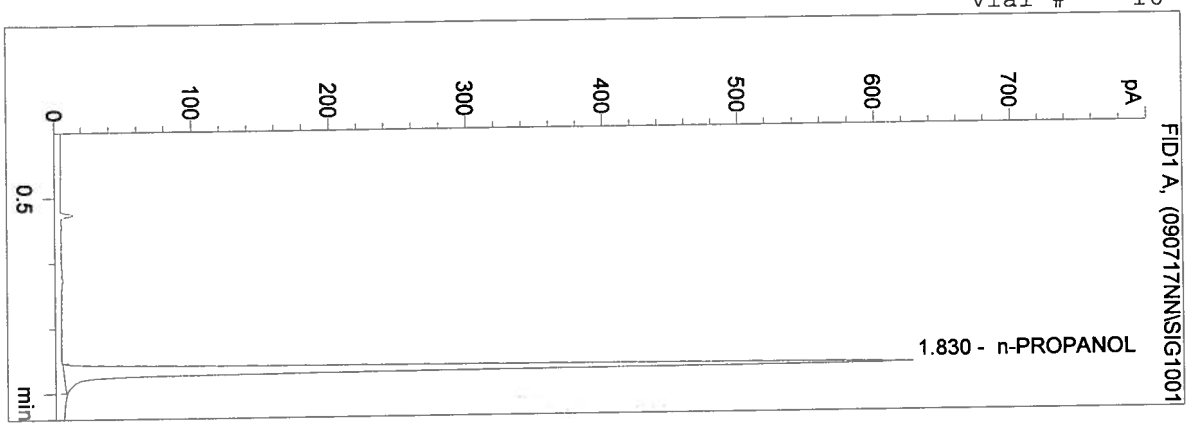
Instrument 3
db-alc2

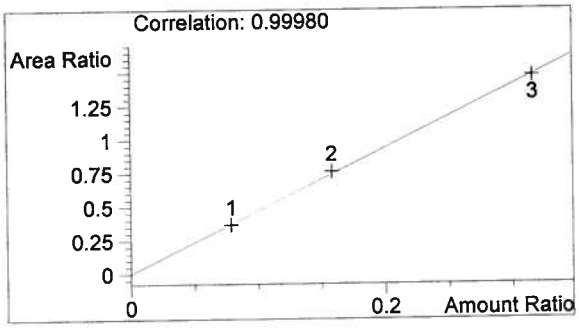
NEG CTL-NN
Naziha Nuwayhid, PhD

vial # 16

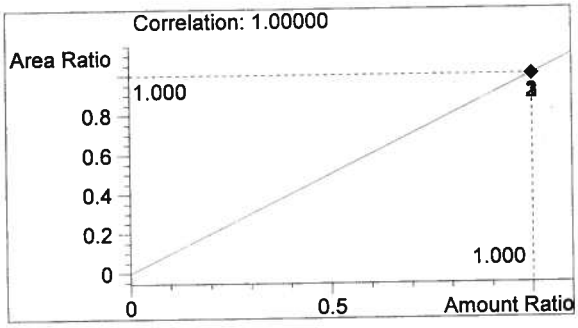


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1800	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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7/20/09

Sequence Parameters:

Operator:	Christie Mitchell
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:	090721CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CM	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CM	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CM	SIMALC	1	Ctrl Samp		
10	Vial 10	ESS 09027 #1	SIMALC	1	Sample		
11	Vial 11	ESS 09027 #2	SIMALC	1	Sample		
12	Vial 12	ESS 09027 #3	SIMALC	1	Sample		
13	Vial 13	ESS 09027 #4	SIMALC	1	Sample		
14	Vial 14	ESS 09027 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CM	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CM	SIMALC	1	Ctrl Samp		

CM

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

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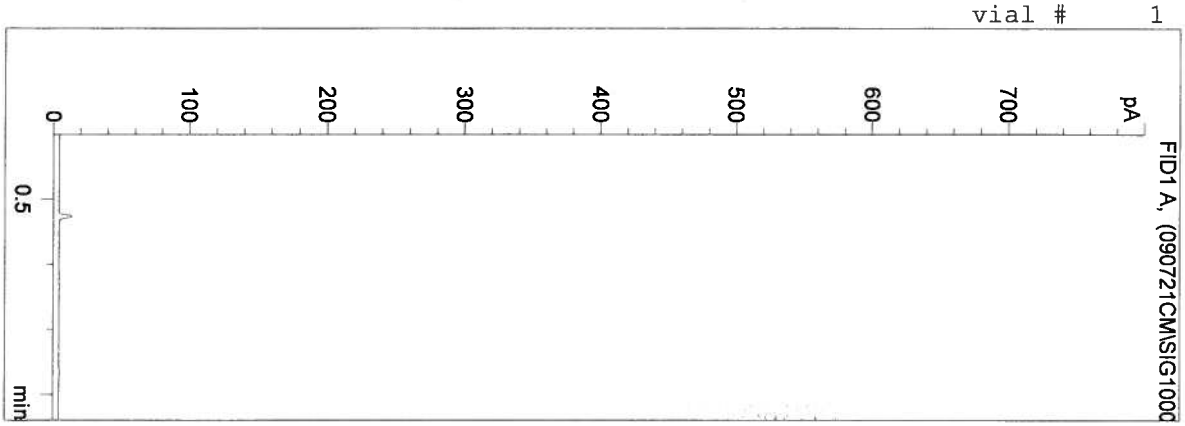
Instrument 3
db-alc2

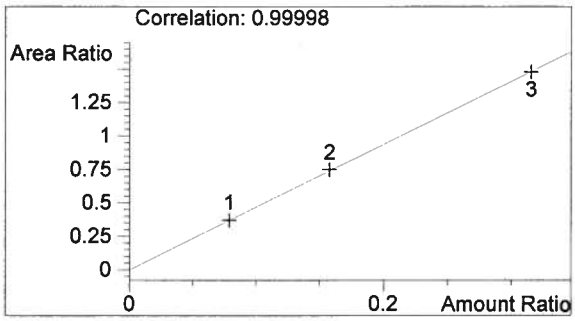
BLANK
Christie Mitchell

vial # 1

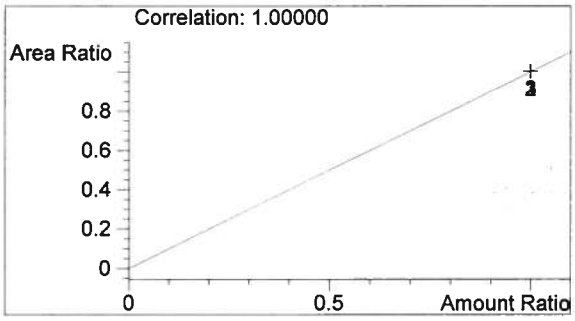


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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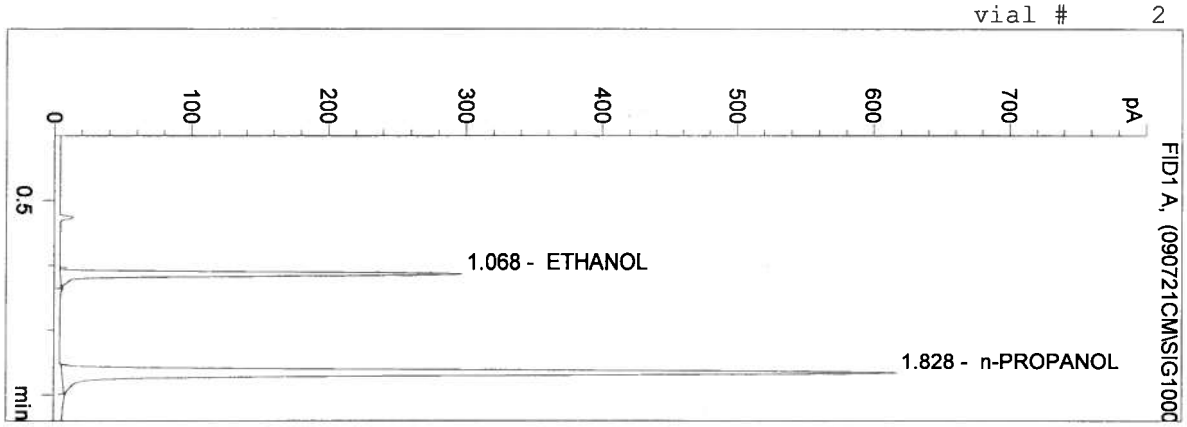
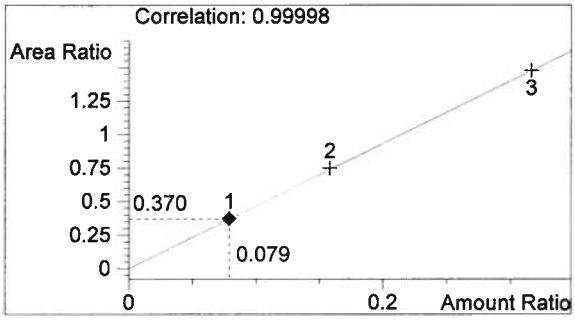
Instrument 3
db-alc2

0.079 CAL 1
Christie Mitchell

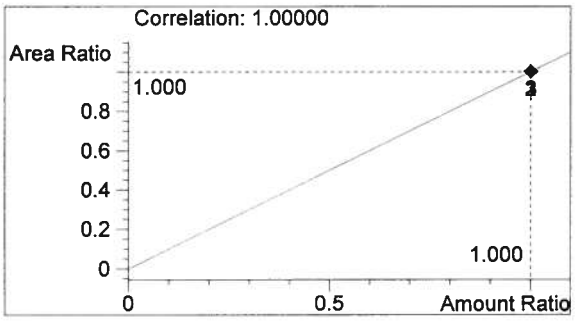
vial # 2



#	Compound	Area	RT
1	ETHANOL	656	1.068
2	n-PROPANOL	1774	1.828
Totals:			



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

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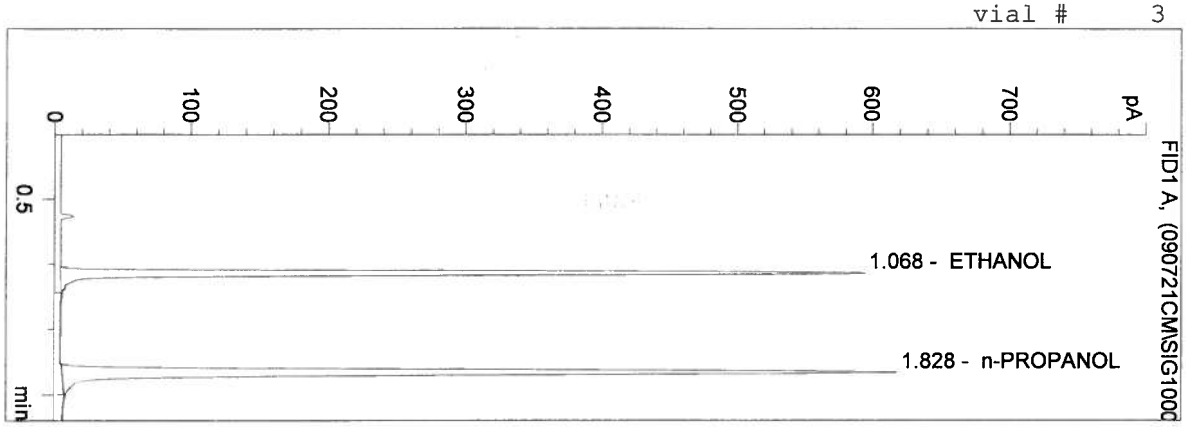
Instrument 3
db-alc2

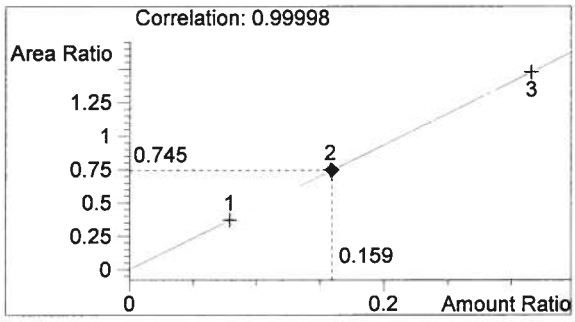
0.158 CAL 2
Christie Mitchell

vial # 3

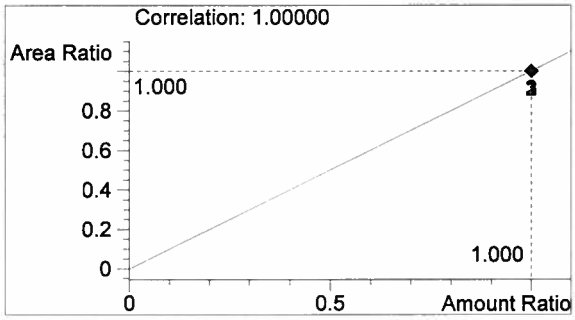


#	Compound	Area	RT
1	ETHANOL	1324	1.068
2	n-PROPANOL	1778	1.828

Totals:



ETHANOL 0.159 g/100ml



n-PROPANOL 1.000 g/100ml

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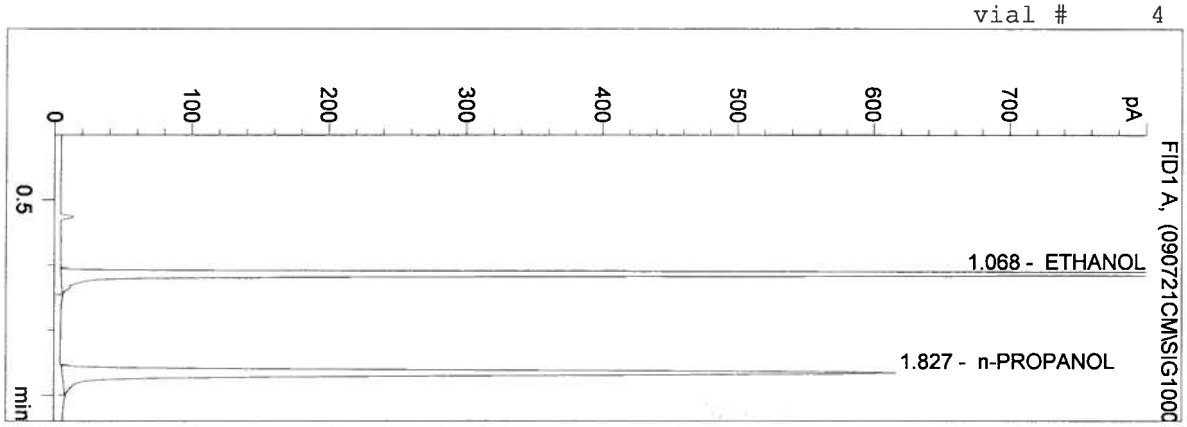
7/21/2009 10:31:17 AM
Instrument 3
db-alc2

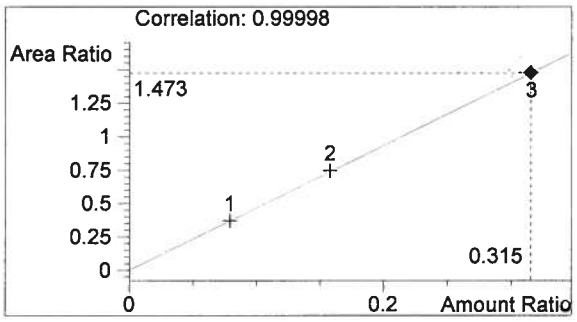
0.316 CAL 3
Christie Mitchell

vial # 4

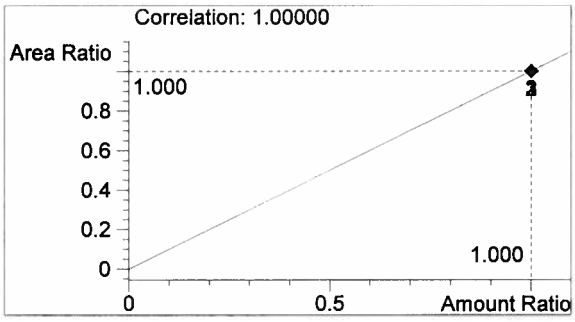


#	Compound	Area	RT
1	ETHANOL	2611	1.068
2	n-PROPANOL	1773	1.827

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

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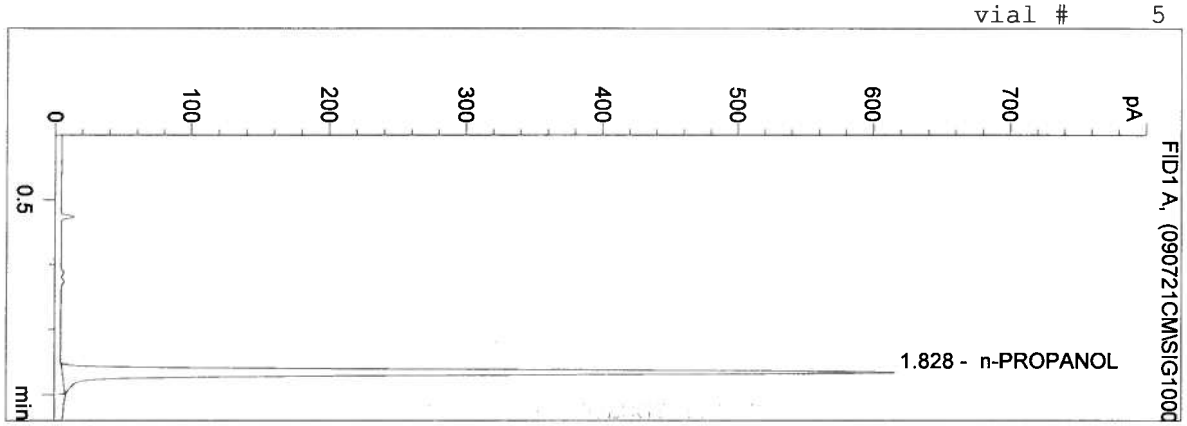
Instrument 3
db-alc2

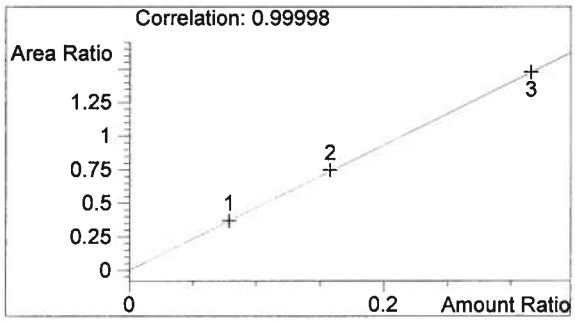
NEG CTRL-CM
Christie Mitchell

vial # 5

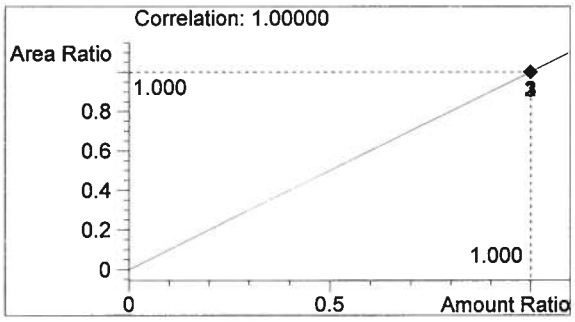


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1774	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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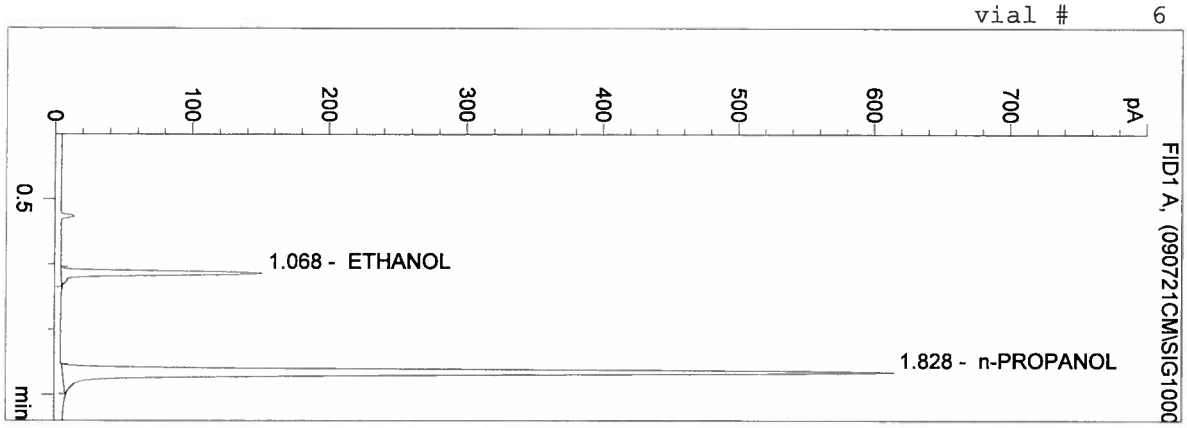
Instrument 3
db-alc2

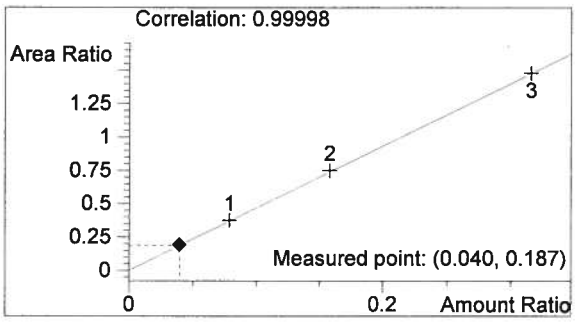
0.04 CTRL-CM
Christie Mitchell

vial # 6

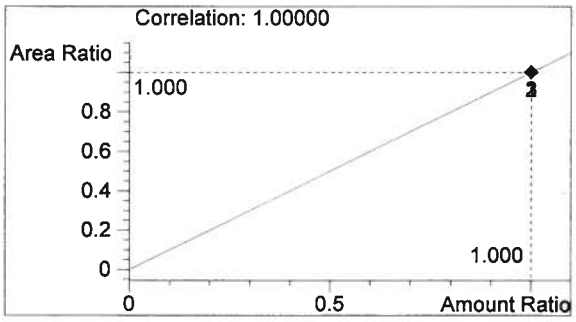


#	Compound	Area	RT
1	ETHANOL	331	1.068
2	n-PROPANOL	1770	1.828

Totals:



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

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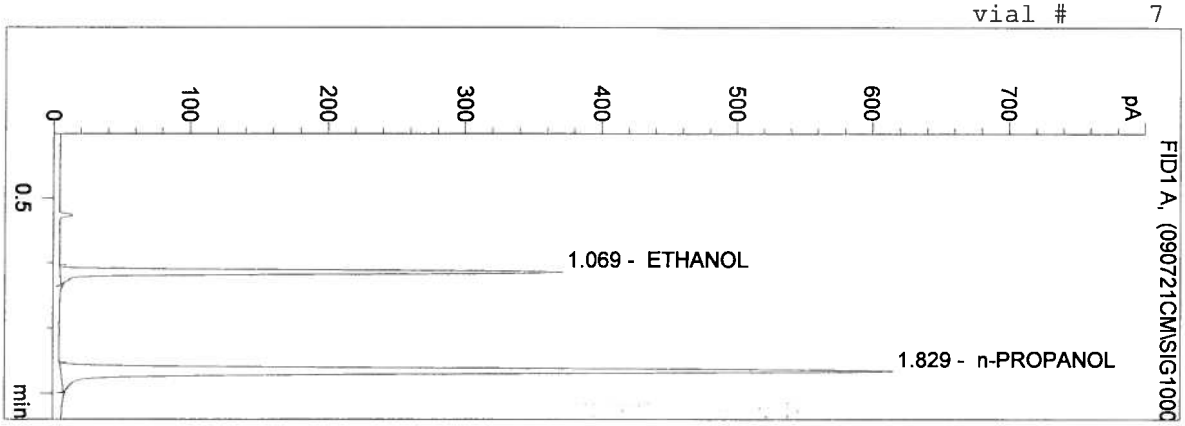
Instrument 3
db-alc2

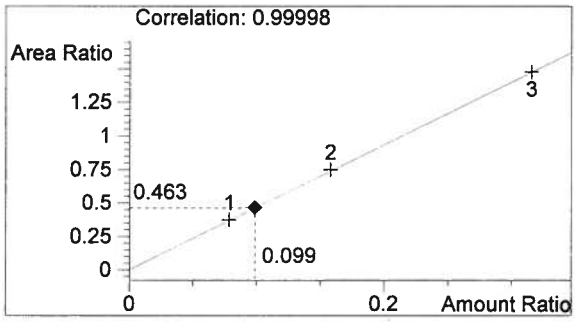
0.10 CTRL-CM
Christie Mitchell

vial # 7

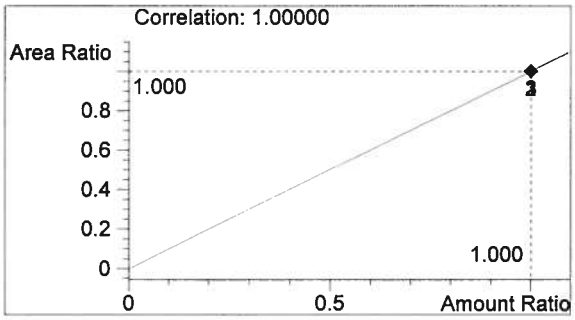


#	Compound	Area	RT
1	ETHANOL	819	1.069
2	n-PROPANOL	1767	1.829

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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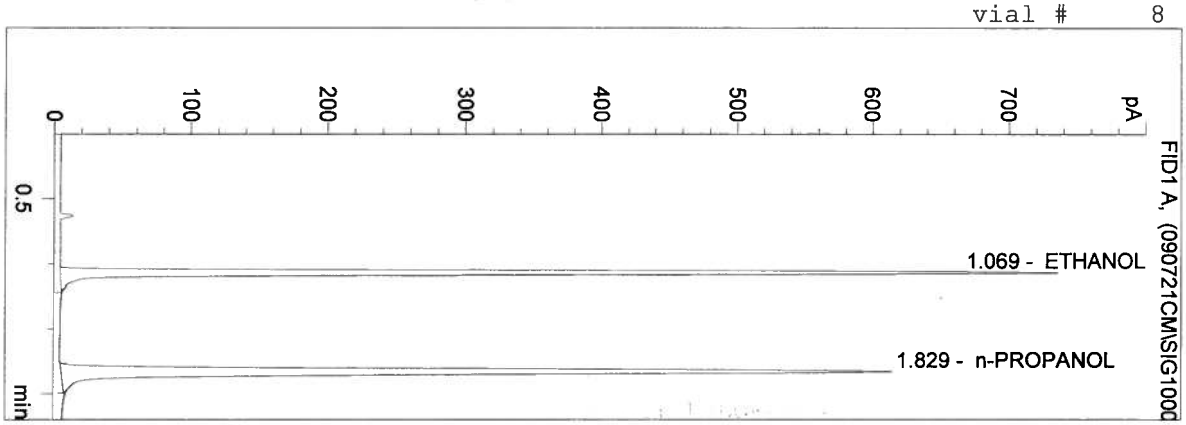
7/21/2009 10:43:48 AM
Instrument 3
db-alc2

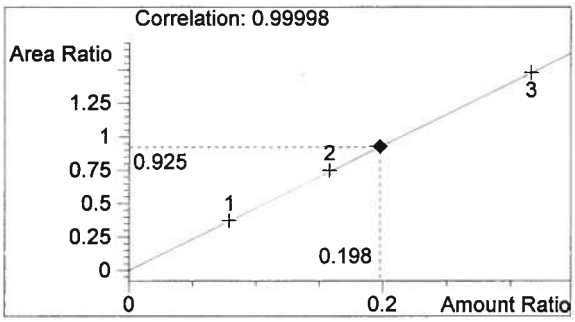
0.20 CTRL-CM
Christie Mitchell

vial # 8

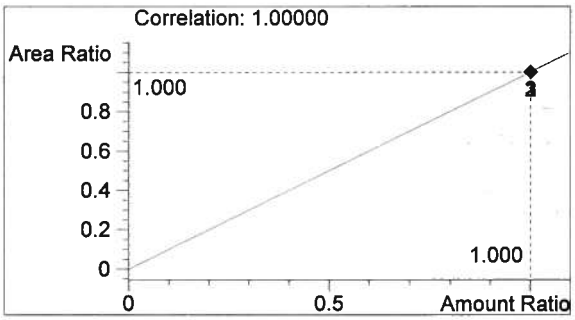


#	Compound	Area	RT
1	ETHANOL	1633	1.069
2	n-PROPANOL	1766	1.829

Totals:



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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WASHINGTON STATE TOXICOLOGY LABORATORY

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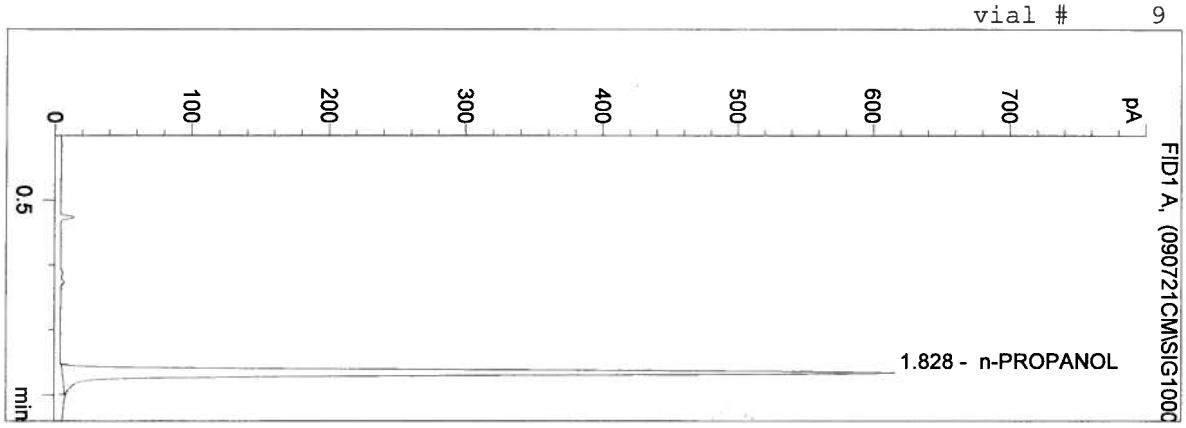
Instrument 3
db-alc2

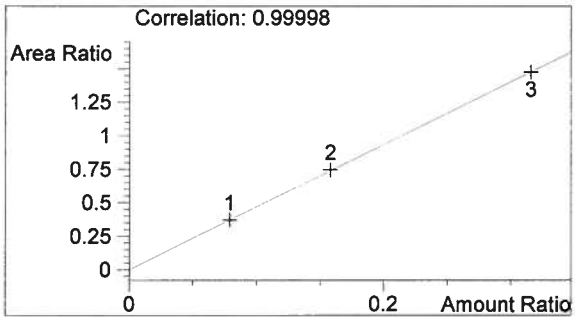
NEG CTRL-CM
Christie Mitchell

vial # 9

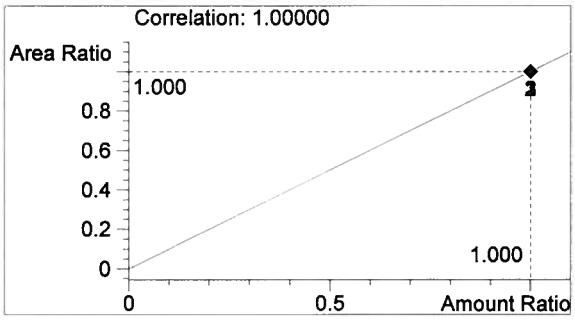


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1775	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

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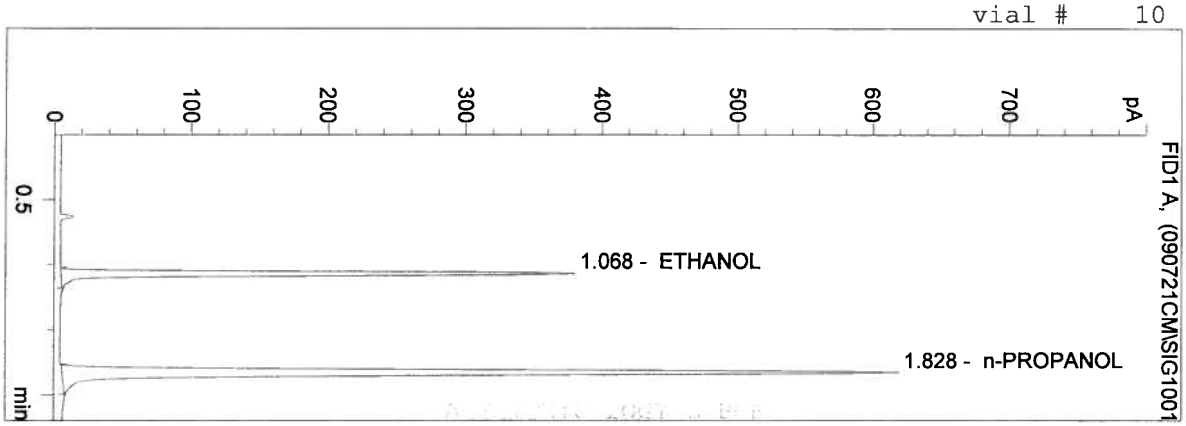
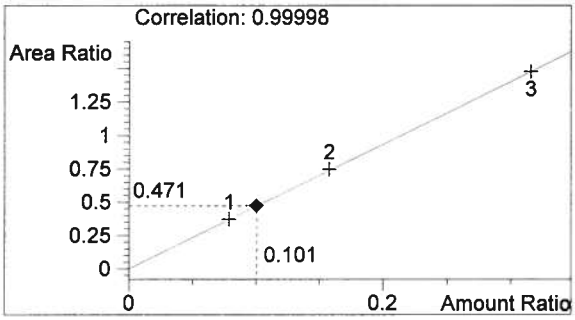
7/21/2009 10:50:04 AM
Instrument 3
db-alc2

ESS 09027 #1
Christie Mitchell

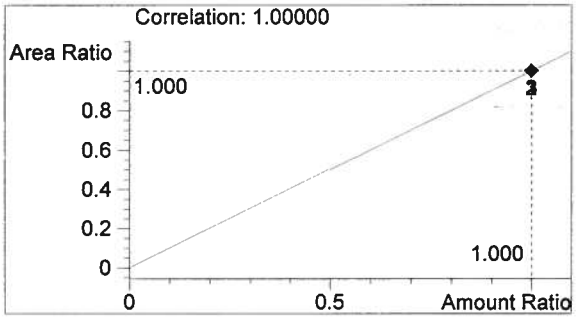
vial # 10



#	Compound	Area	RT
1	ETHANOL	839	1.068
2	n-PROPANOL	1780	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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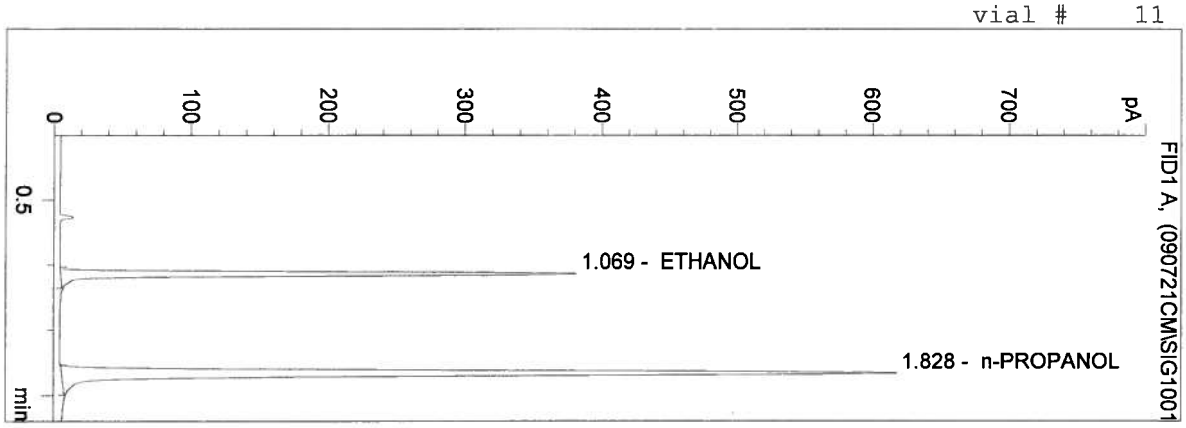
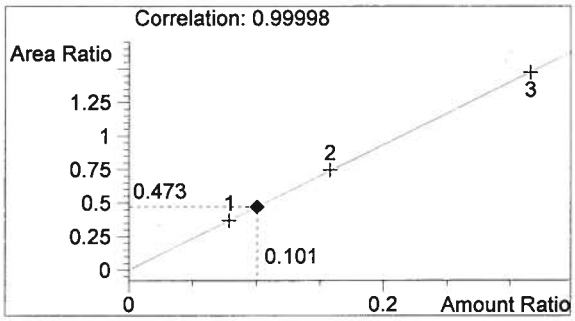
7/21/2009 10:53:12 AM
Instrument 3
db-alc2

ESS 09027 #2
Christie Mitchell

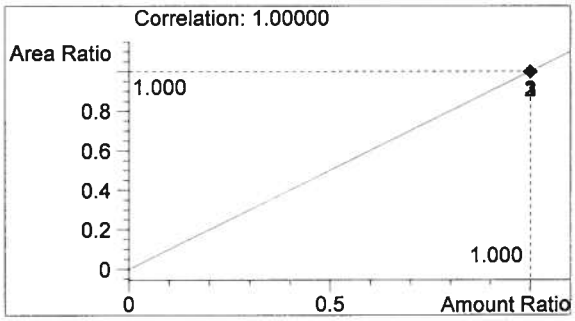
vial # 11



#	Compound	Area	RT
1	ETHANOL	841	1.069
2	n-PROPANOL	1778	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

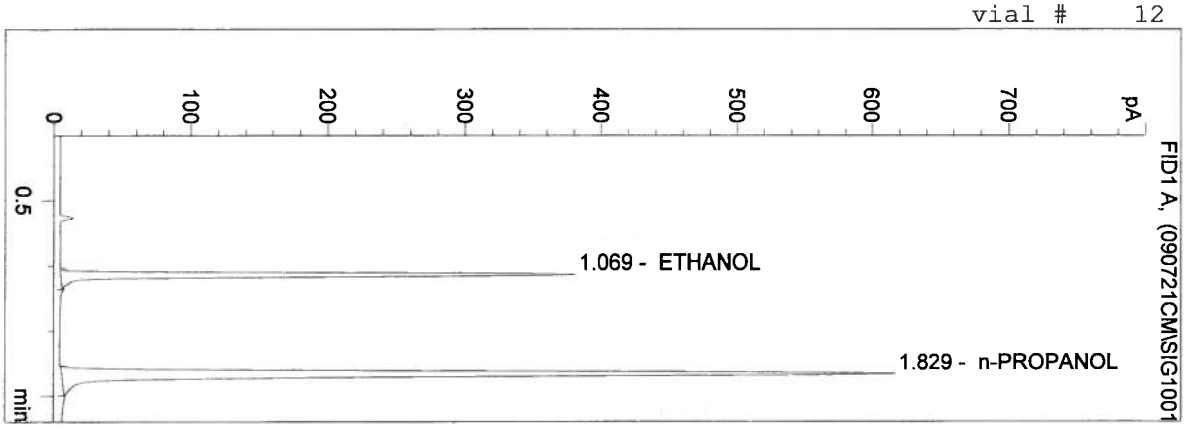
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/21/2009 10:56:20 AM
Instrument 3
db-alc2

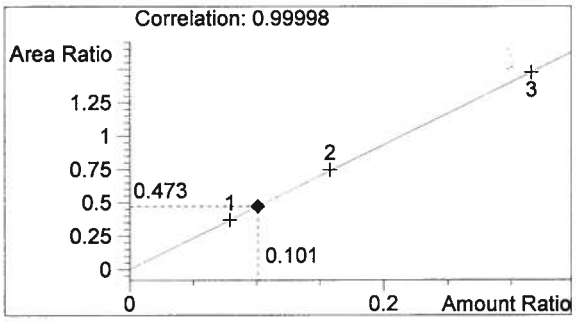
ESS 09027 #3
Christie Mitchell

vial # 12

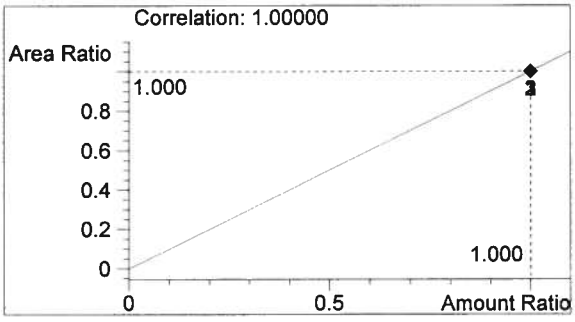


#	Compound	Area	RT
1	ETHANOL	839	1.069
2	n-PROPANOL	1773	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

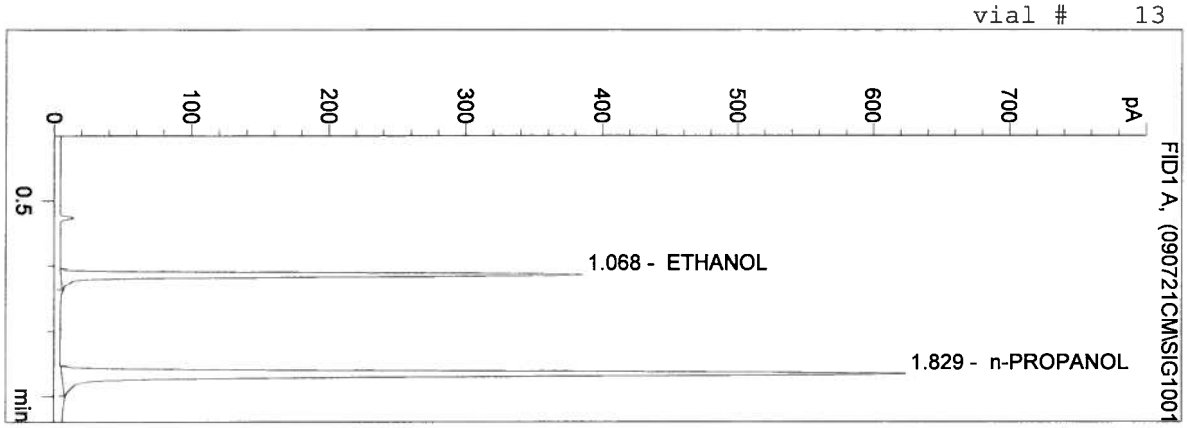
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/21/2009 10:59:27 AM
Instrument 3
db-alc2

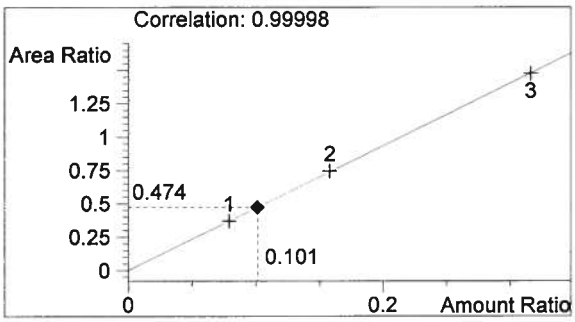
ESS 09027 #4
Christie Mitchell

vial # 13

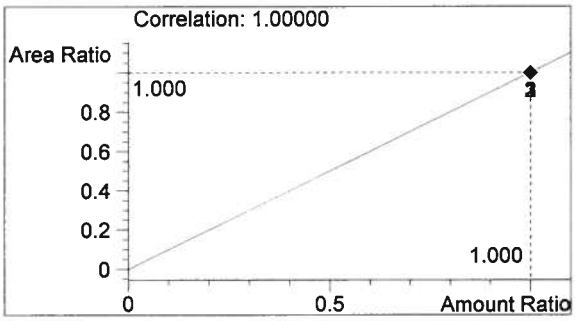


#	Compound	Area	RT
1	ETHANOL	851	1.068
2	n-PROPANOL	1794	1.829

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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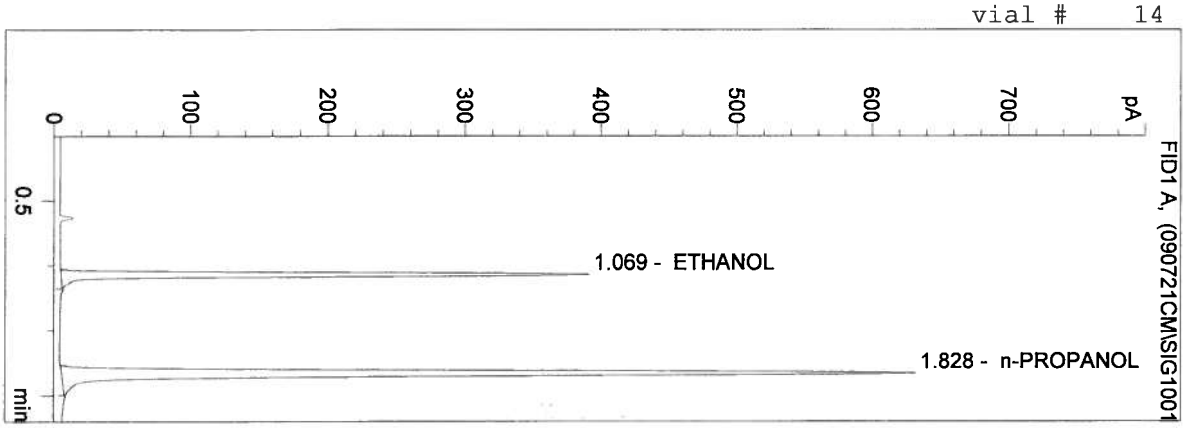
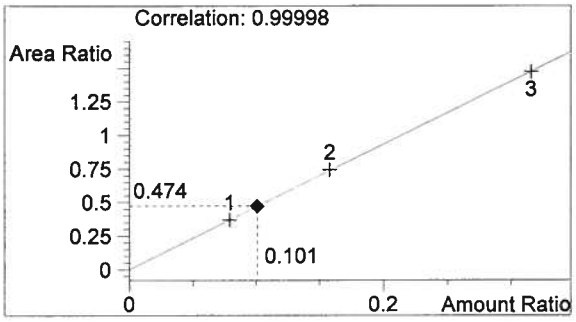
7/21/2009 11:02:35 AM
Instrument 3
db-alc2

ESS 09027 #5
Christie Mitchell

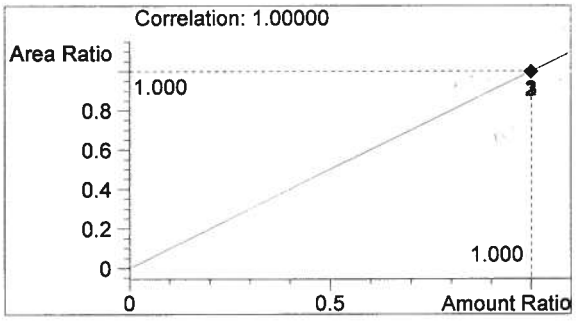
vial # 14



#	Compound	Area	RT
1	ETHANOL	860	1.069
2	n-PROPANOL	1816	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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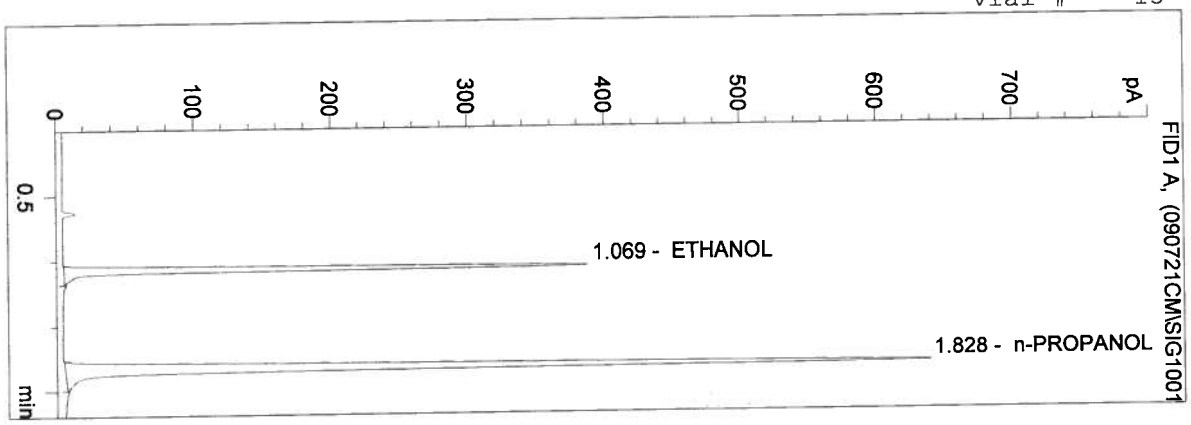
7/21/2009 11:05:43 AM
Instrument 3
db-alc2

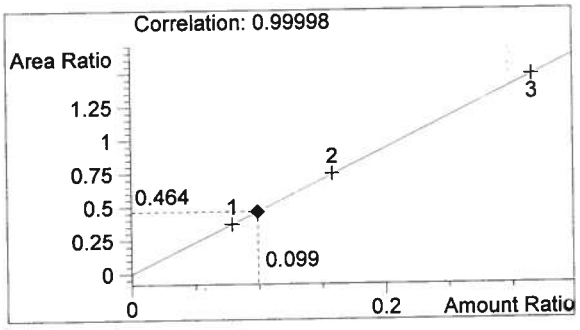
0.10 CTRL-CM
Christie Mitchell

vial # 15

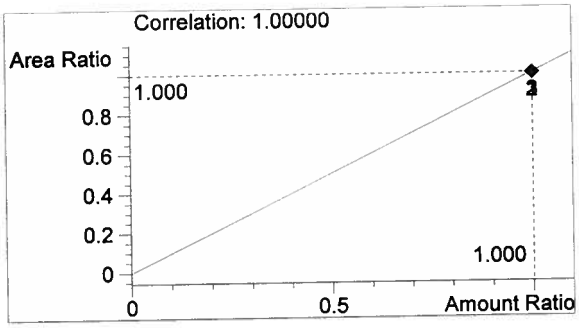


#	Compound	Area	RT
1	ETHANOL	852	1.069
2	n-PROPANOL	1836	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

CM

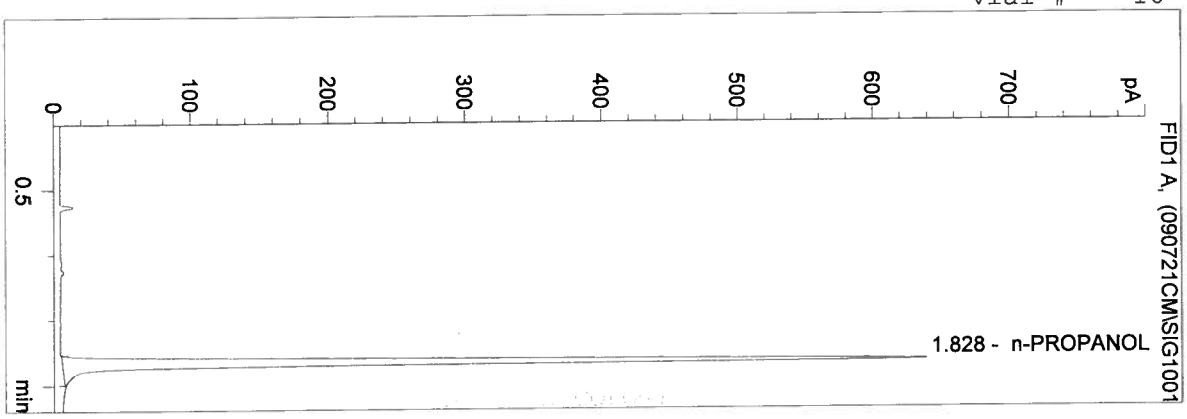
09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/21/2009 11:08:51 AM
Instrument 3
db-alc2

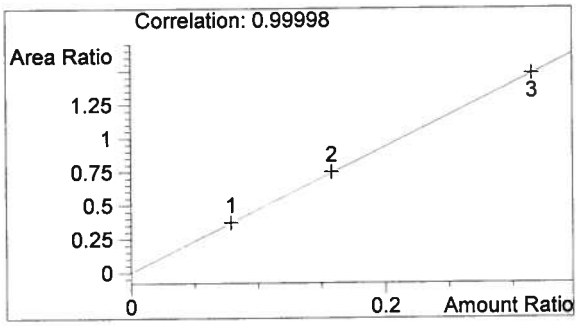
NEG CTRL-CM
Christie Mitchell

vial # 16

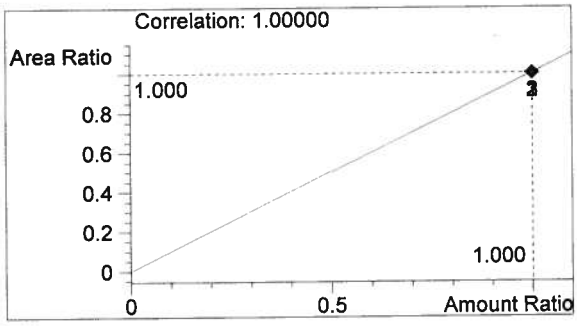


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1833	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CM

09027

Sequence Parameters:

Operator:	Brianne E. Akins
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:	090727BA
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-BA	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-BA	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		
10	Vial 10	09027 #1	SIMALC	1	Sample		
11	Vial 11	09027 #2	SIMALC	1	Sample		
12	Vial 12	09027 #3	SIMALC	1	Sample		
13	Vial 13	09027 #4	SIMALC	1	Sample		
14	Vial 14	09027 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-BA	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-BA	SIMALC	1	Ctrl Samp		

Calibration Part:

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

09027

Sequence Table (Back Injector):

No entries - empty table!

BEA

09027

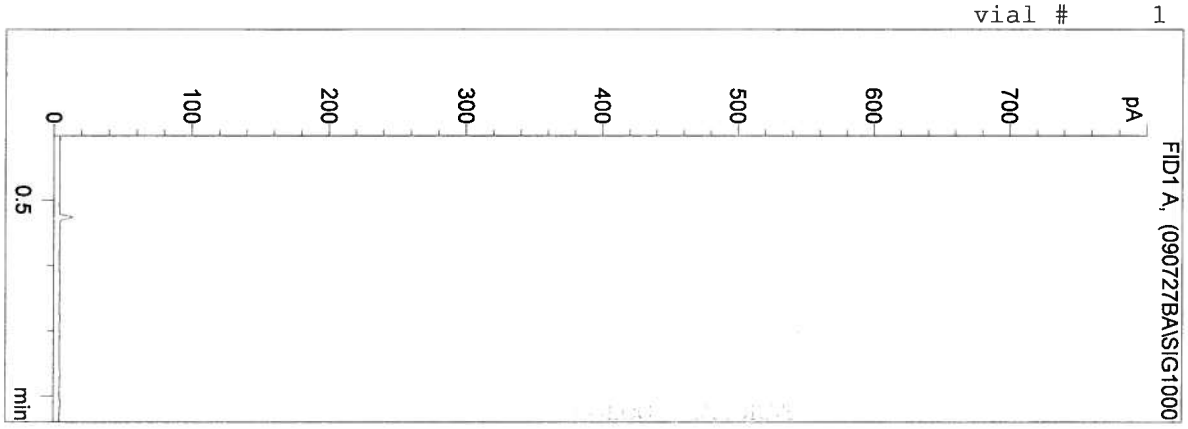
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/27/2009 8:44:03 AM
Instrument 3
db-alc2

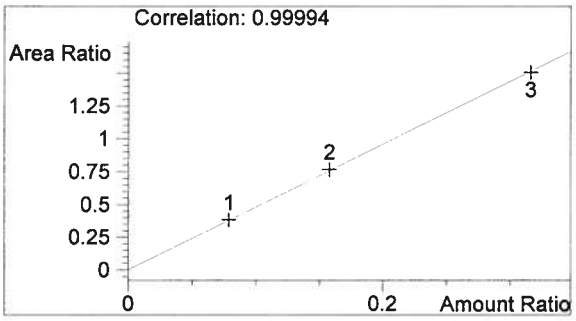
BLANK
Brianne E. Akins

vial # 1

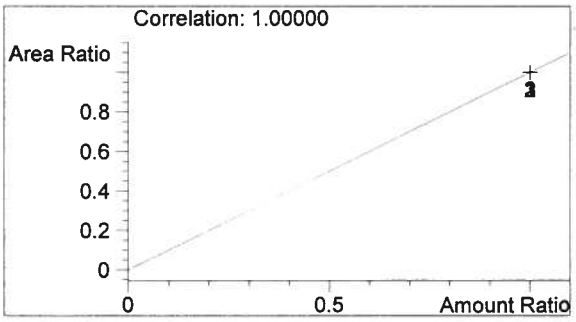


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

09027

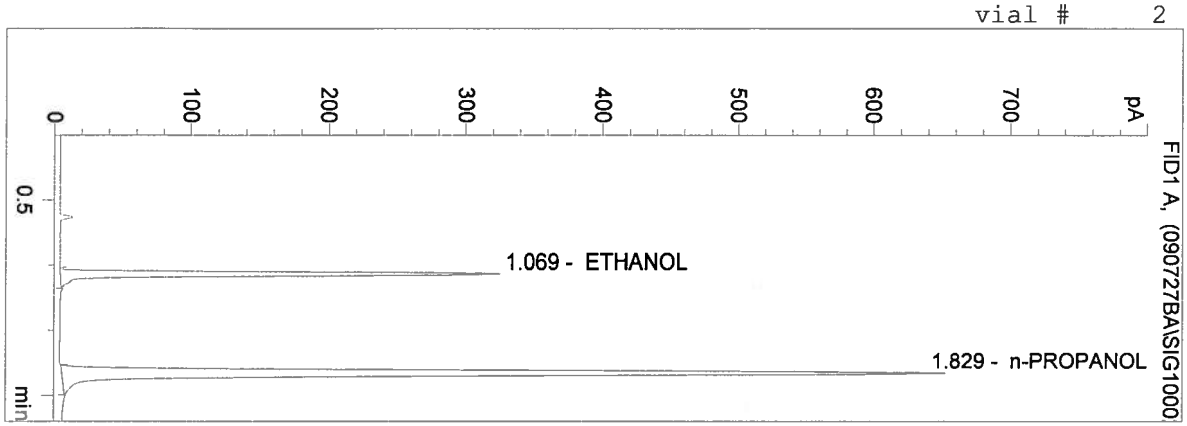
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

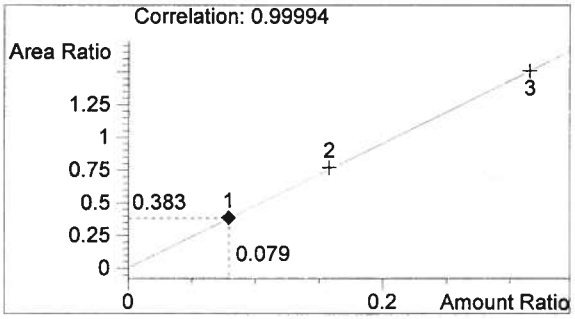
C:\HPCHEM\2\METHODS\SIMALC.M
7/27/2009 8:47:11 AM
Instrument 3
db-alc2

0.079 CAL 1
Brianne E. Akins

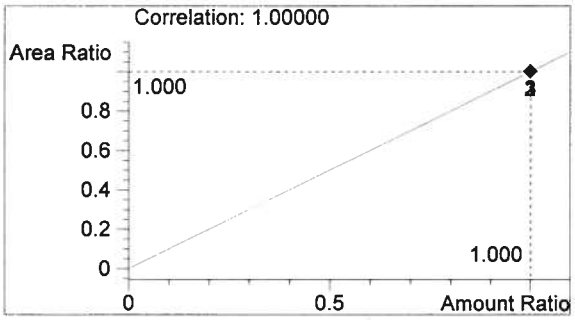
vial # 2



#	Compound	Area	RT
1	ETHANOL	715	1.069
2	n-PROPANOL	1867	1.829
Totals:			



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

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BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

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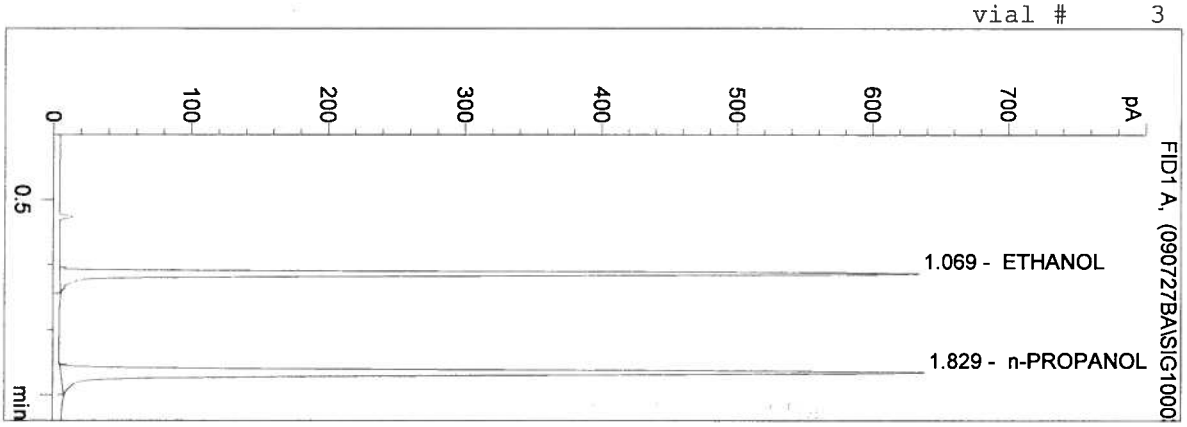
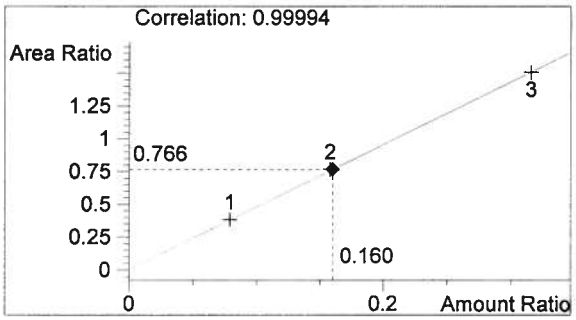
7/27/2009 8:50:19 AM
Instrument 3
db-alc2

0.158 CAL 2
Brianne E. Akins

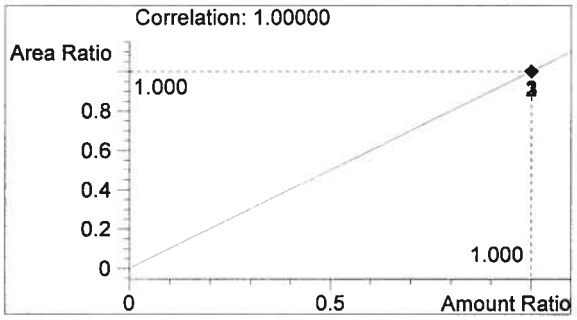
vial # 3



#	Compound	Area	RT
1	ETHANOL	1401	1.069
2	n-PROPANOL	1830	1.829
Totals:			



ETHANOL 0.160 g/100ml



n-PROPANOL 1.000 g/100ml

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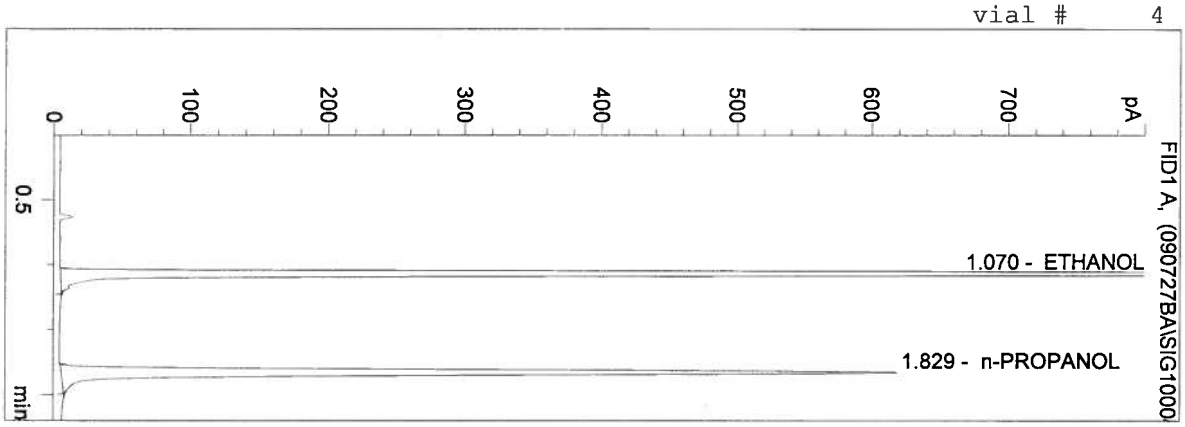
BCO

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/27/2009 8:53:27 AM
Instrument 3
db-alc2

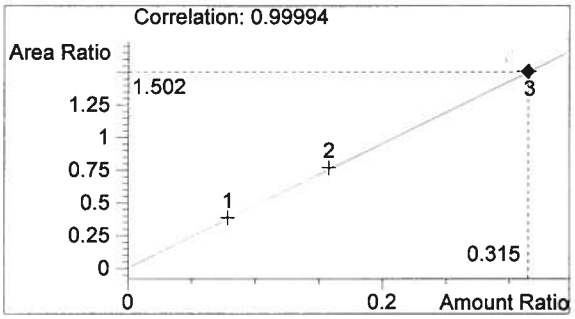
0.316 CAL 3
Brianne E. Akins

vial # 4

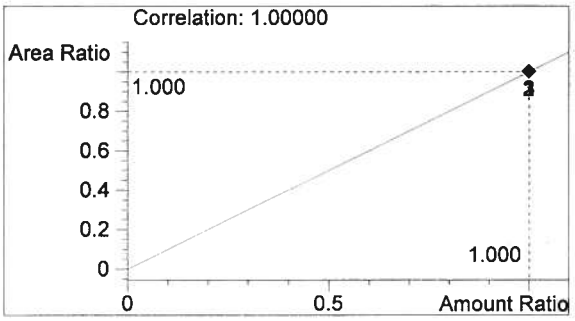


#	Compound	Area	RT
1	ETHANOL	2659	1.070
2	n-PROPANOL	1770	1.829

Totals:



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

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BCA

WASHINGTON STATE TOXICOLOGY LABORATORY

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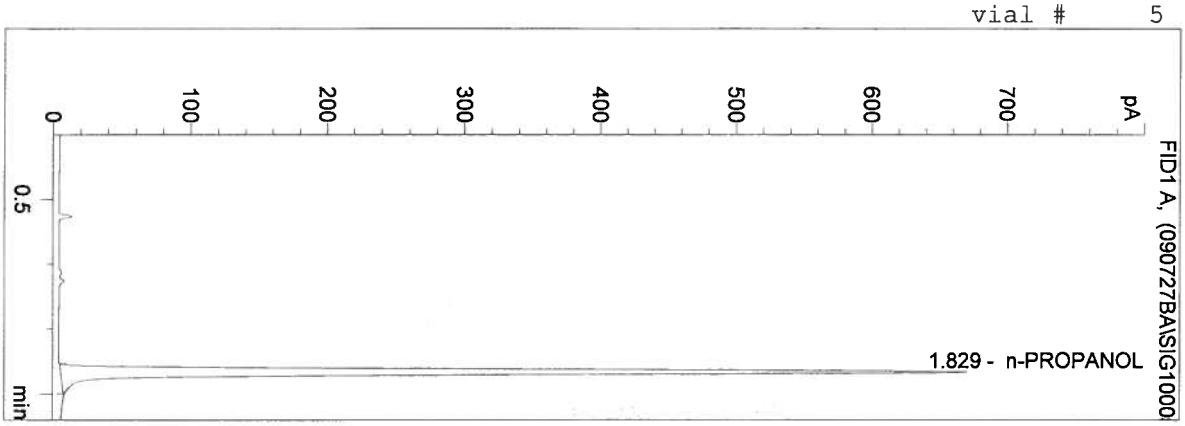
7/27/2009 8:56:34 AM
Instrument 3
db-alc2

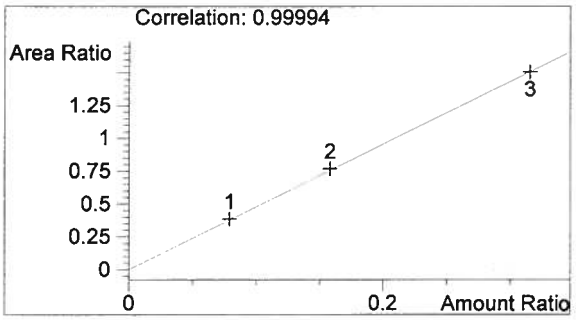
NEG CONTROL-BA
Brianne E. Akins

vial # 5

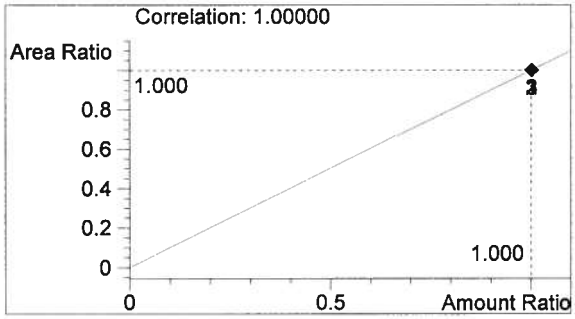


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1927	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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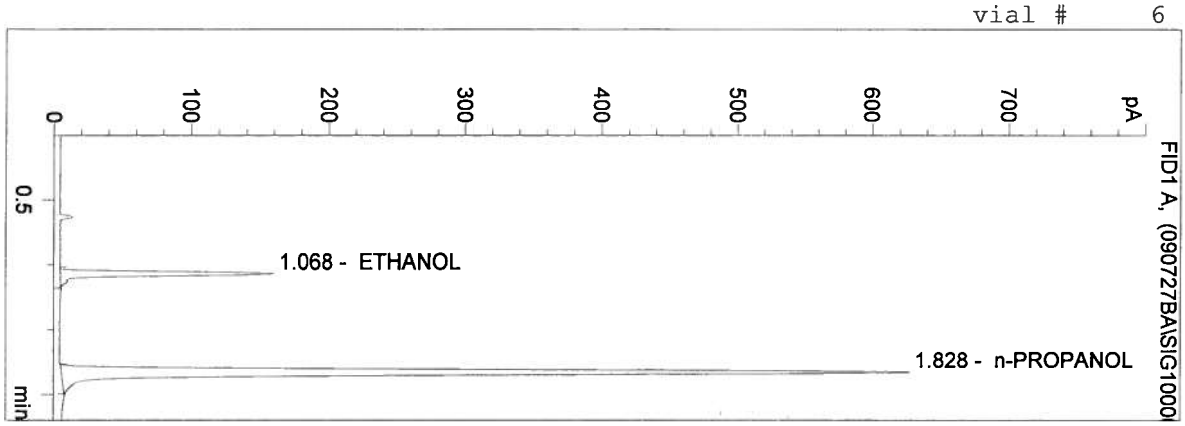
WASHINGTON STATE TOXICOLOGY LABORATORY

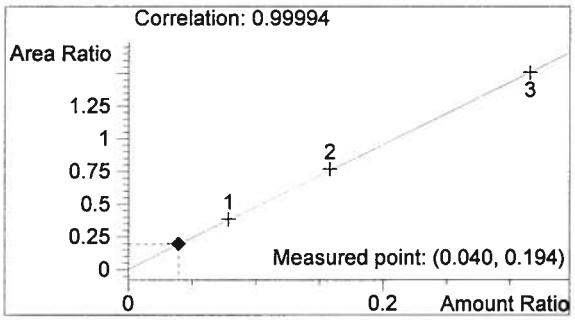
C:\HPCHEM\2\METHODS\SIMALC.M
7/27/2009 8:59:42 AM
Instrument 3
db-alc2

0.04 CONTROL-BA
Brianne E. Akins

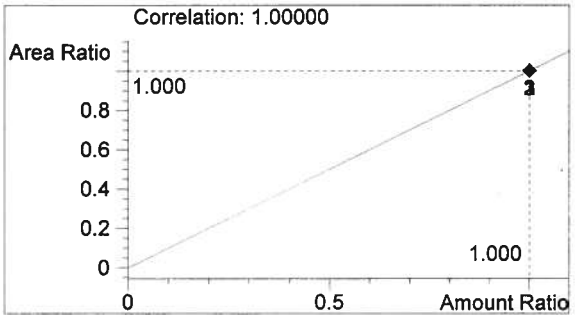
vial # 6



#	Compound	Area	RT
1	ETHANOL	349	1.068
2	n-PROPANOL	1796	1.828
Totals:			



ETHANOL 0.040 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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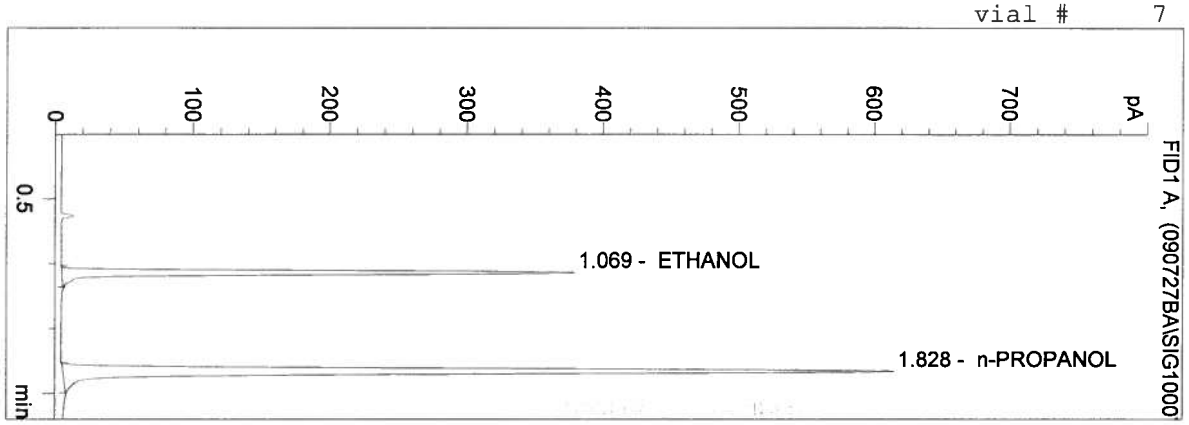
7/27/2009 9:02:50 AM
Instrument 3
db-alc2

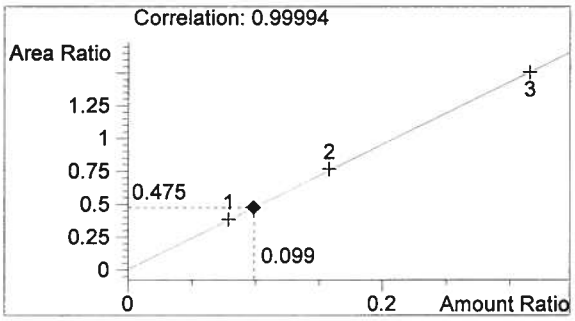
0.10 CONTROL-BA
Brianne E. Akins

vial # 7

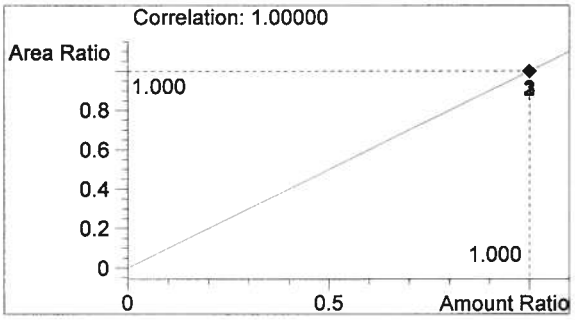


#	Compound	Area	RT
1	ETHANOL	836	1.069
2	n-PROPANOL	1761	1.828

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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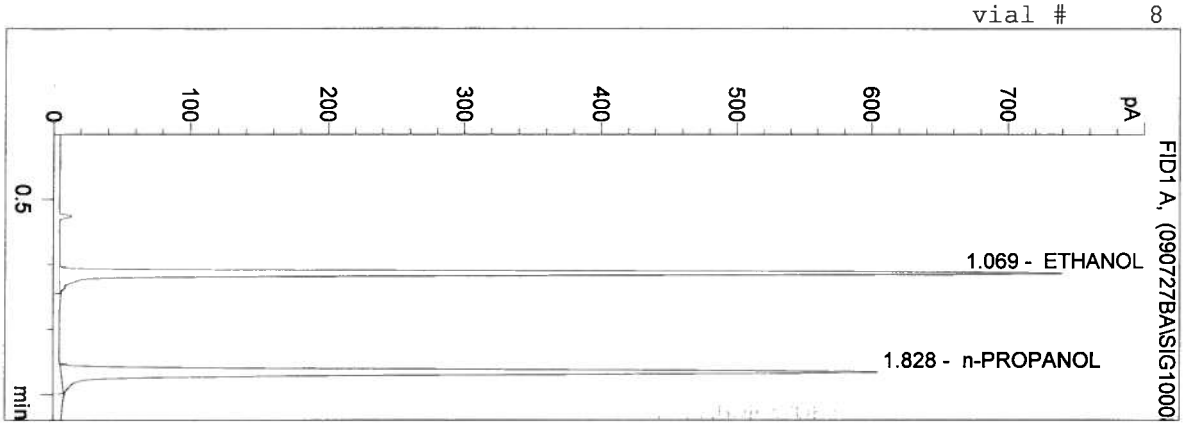
7/27/2009 9:05:58 AM
Instrument 3
db-alc2

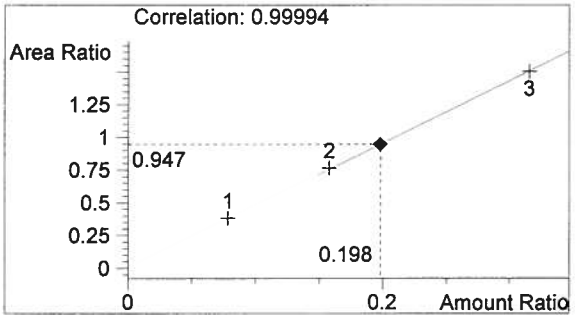
0.20 CONTROL-BA
Brianne E. Akins

vial # 8

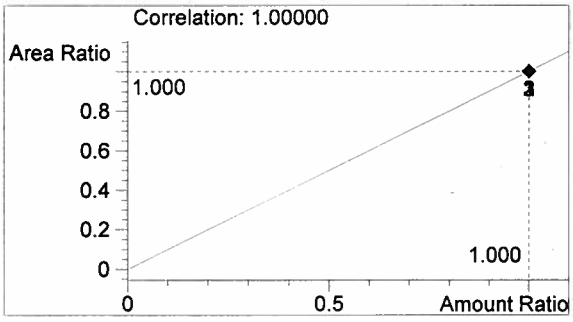


#	Compound	Area	RT
1	ETHANOL	1643	1.069
2	n-PROPANOL	1735	1.828

Totals:



ETHANOL 0.198 g/100ml



n-PROPANOL 1.000 g/100ml

09027

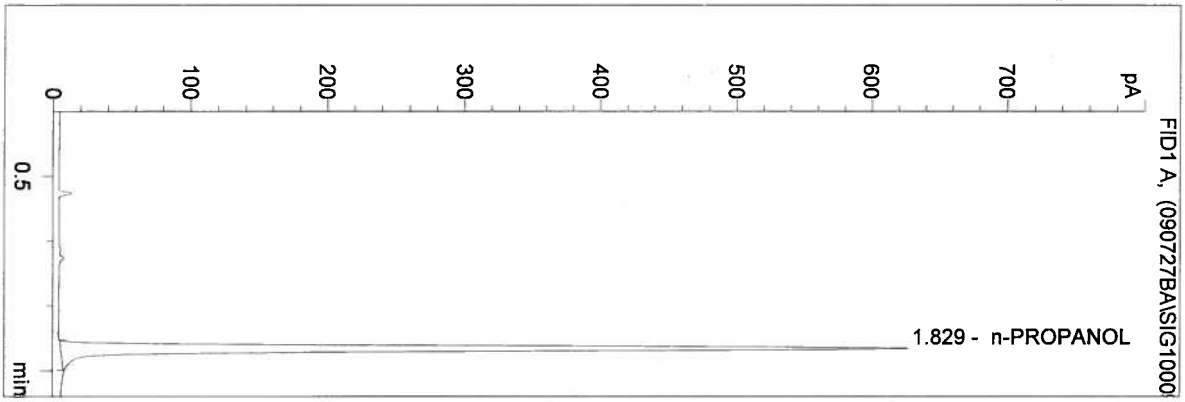
BEA

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/27/2009 9:09:06 AM
Instrument 3
db-alc2

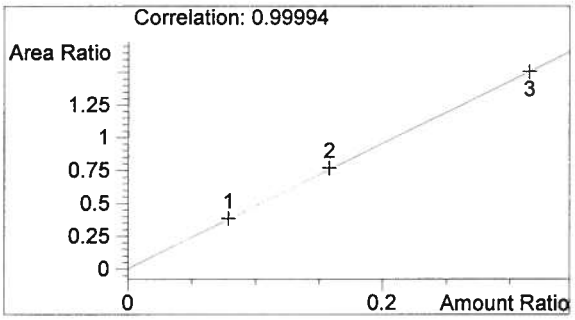
NEG CONTROL-BA
Brianne E. Akins

vial # 9

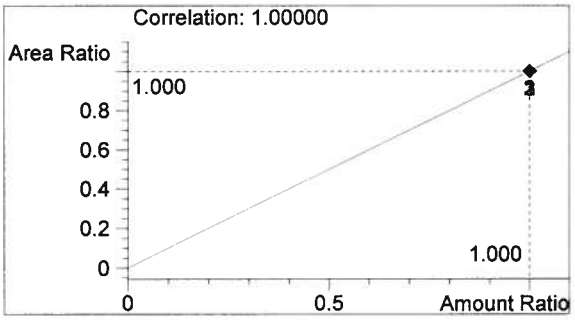


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1796	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09027

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WASHINGTON STATE TOXICOLOGY LABORATORY

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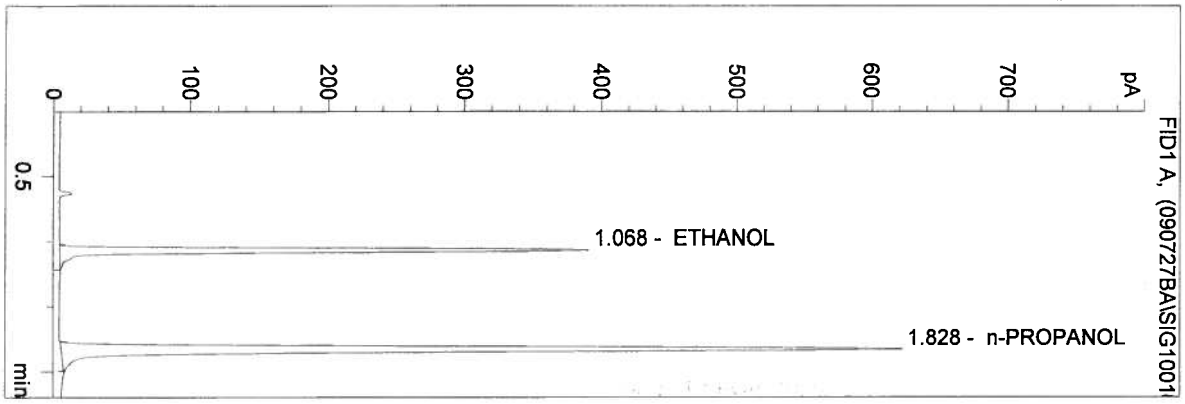
7/27/2009 9:12:14 AM
Instrument 3
db-alc2

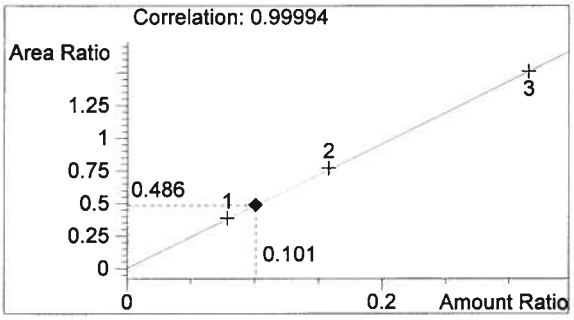
09027 #1
Brianne E. Akins

vial # 10

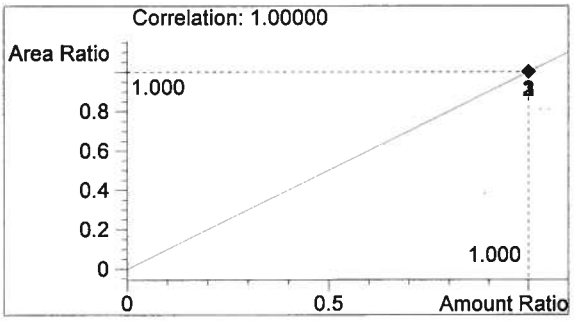


#	Compound	Area	RT
1	ETHANOL	868	1.068
2	n-PROPANOL	1787	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

BHA

WASHINGTON STATE TOXICOLOGY LABORATORY

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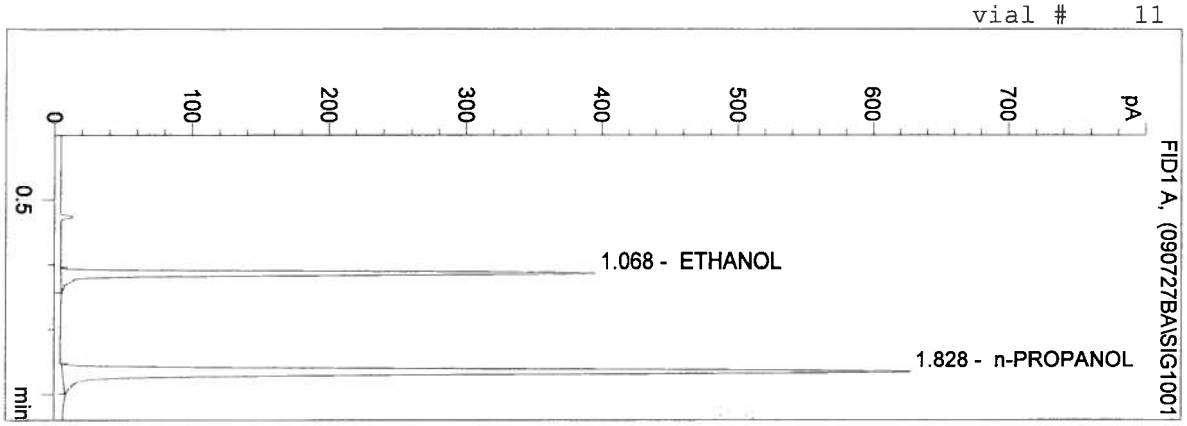
Instrument 3
db-alc2

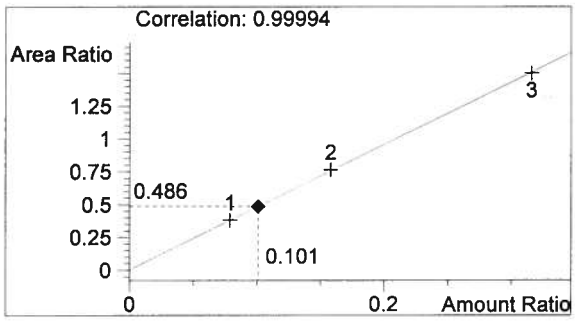
09027 #2
Brianne E. Akins

vial # 11

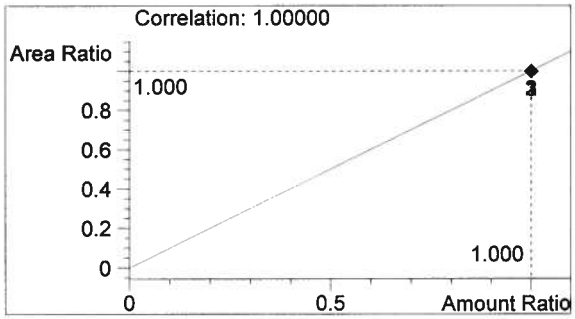


#	Compound	Area	RT
1	ETHANOL	875	1.068
2	n-PROPANOL	1801	1.828

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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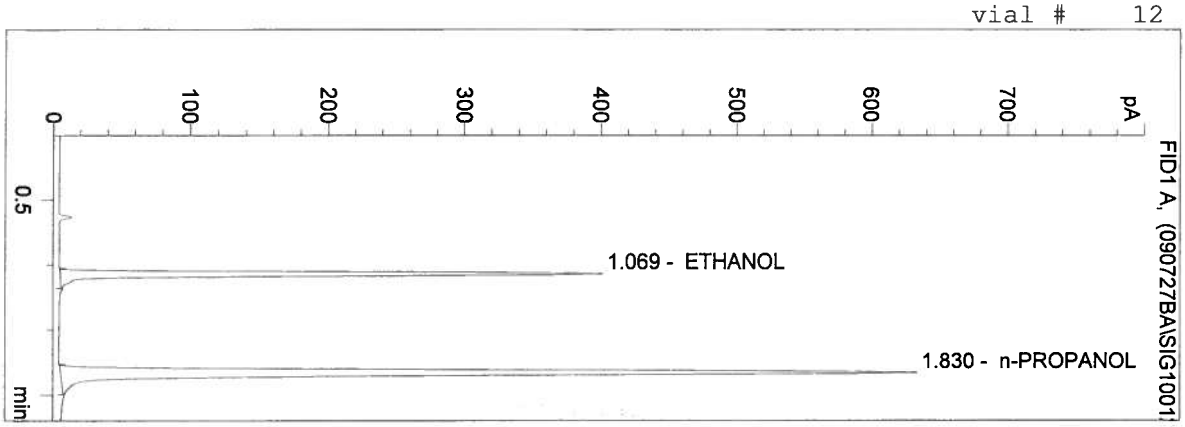
Instrument 3
db-alc2

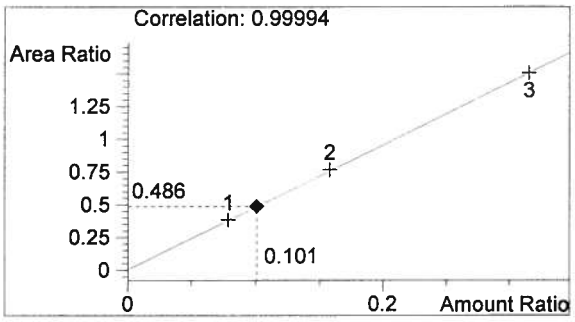
09027 #3
Brianne E. Akins

vial # 12

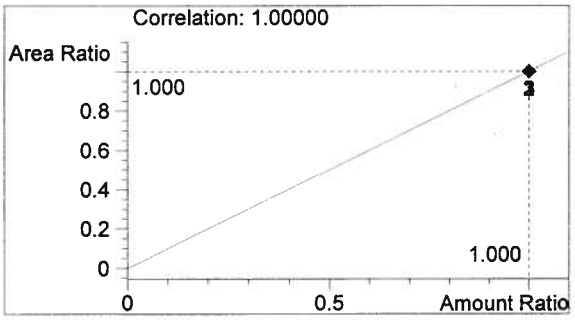


#	Compound	Area	RT
1	ETHANOL	882	1.069
2	n-PROPANOL	1815	1.830

Totals:



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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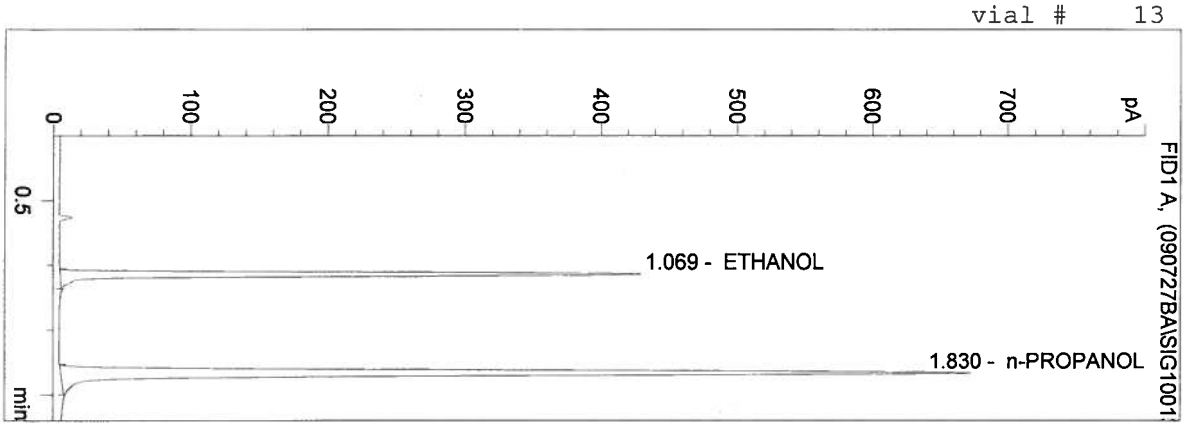
Instrument 3
db-alc2

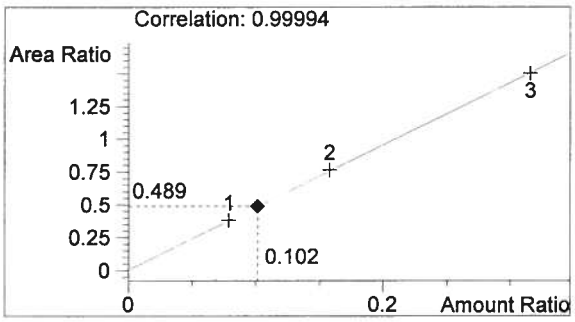
09027 #4
Brianne E. Akins

vial # 13

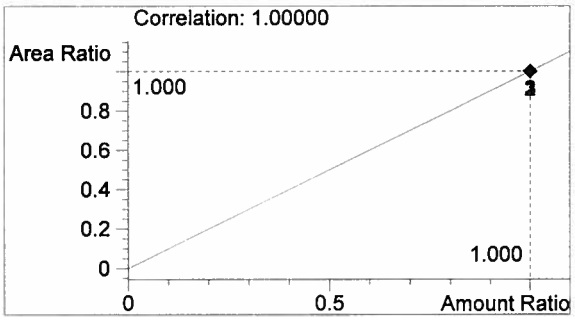


#	Compound	Area	RT
1	ETHANOL	942	1.069
2	n-PROPANOL	1928	1.830

Totals:



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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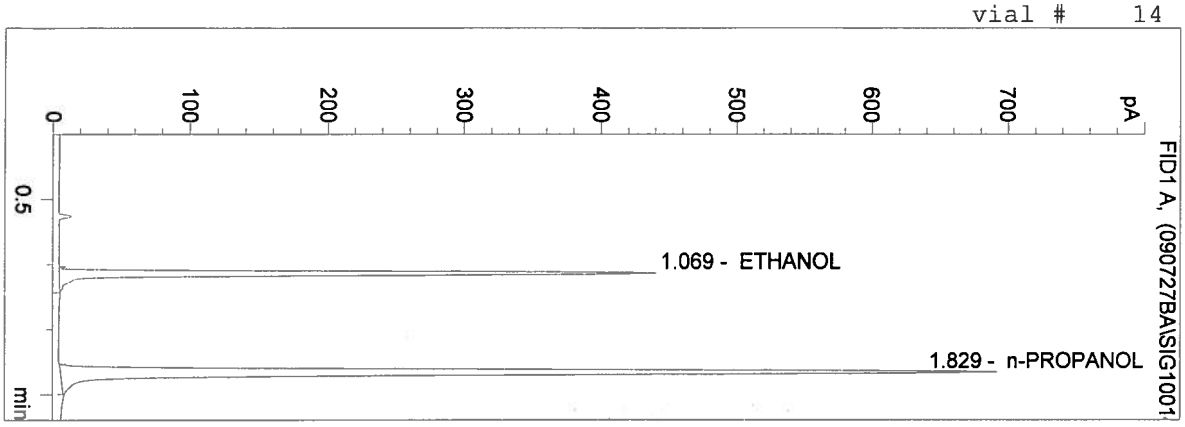
Instrument 3
db-alc2

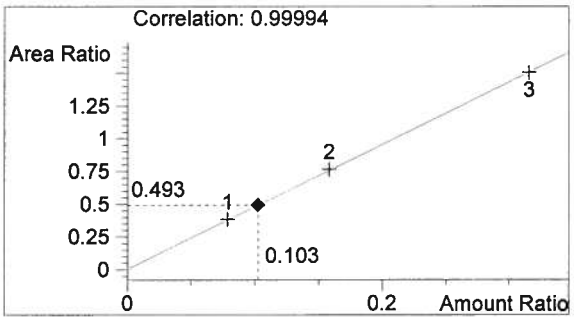
09027 #5
Brianne E. Akins

vial # 14

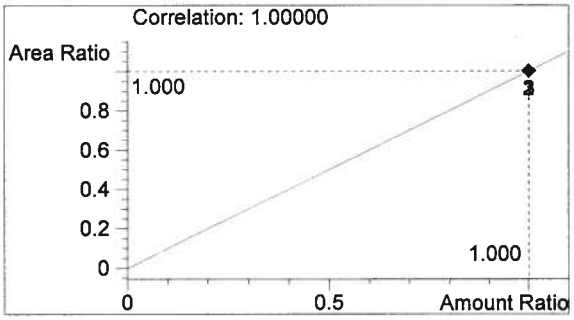


#	Compound	Area	RT
1	ETHANOL	975	1.069
2	n-PROPANOL	1979	1.829

Totals:



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

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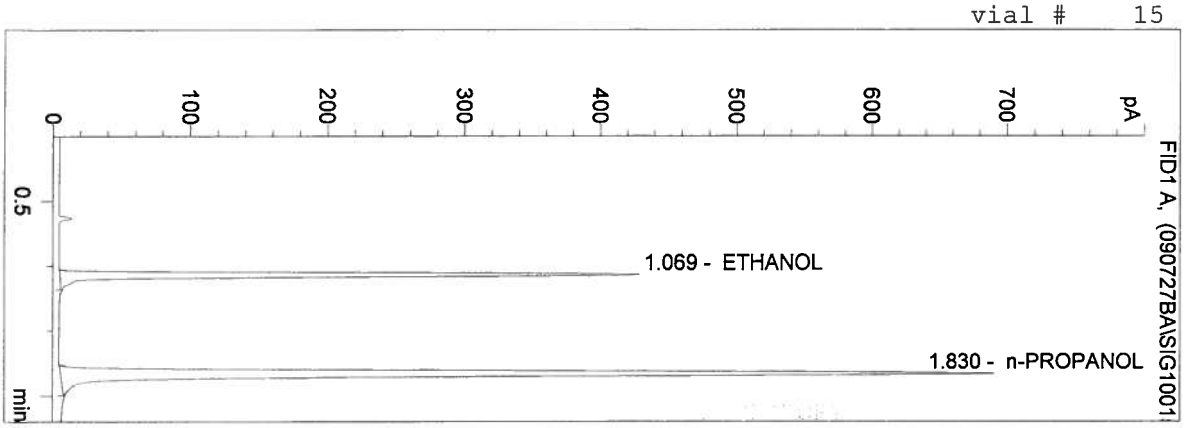
7/27/2009 9:27:53 AM
Instrument 3
db-alc2

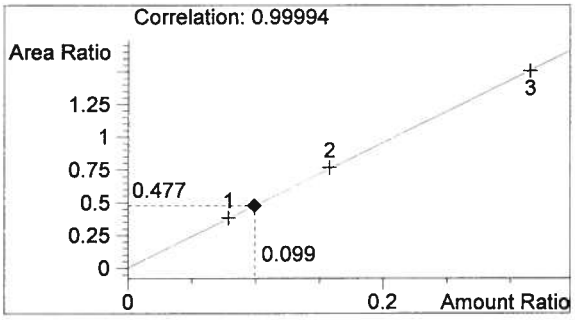
0.10 CONTROL-BA
Brianne E. Akins

vial # 15

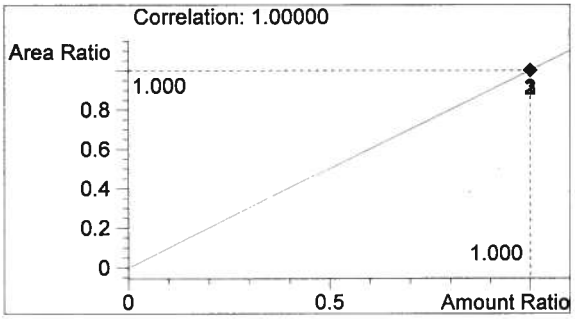


#	Compound	Area	RT
1	ETHANOL	943	1.069
2	n-PROPANOL	1977	1.830

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

09027

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WASHINGTON STATE TOXICOLOGY LABORATORY

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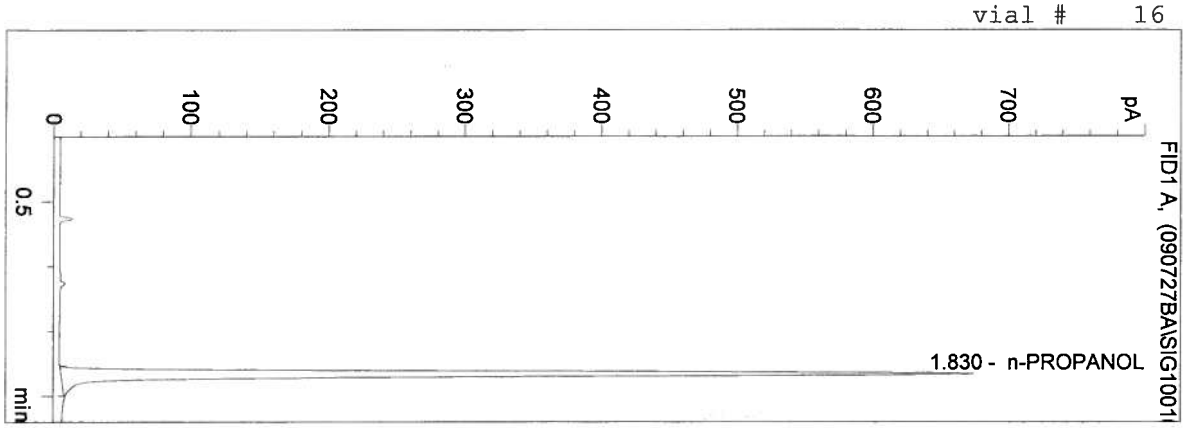
7/27/2009 9:31:00 AM
Instrument 3
db-alc2

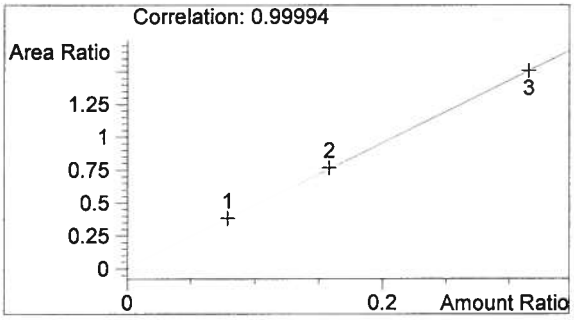
NEG CONTROL-BA
Brianne E. Akins

vial # 16

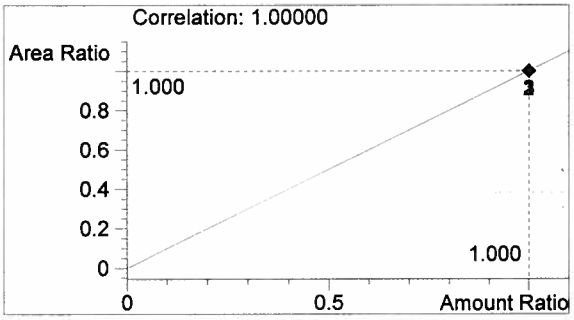


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1931	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09027

BEA

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:	090723CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A061507 - exp 11/2012
0.10 Control - Lot # A064767 - exp 04/2013
0.20 Control - Lot # A064522 - exp 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		
10	Vial 10	09027 #1 CJ	SIMALC	1	Sample		
11	Vial 11	09027 #2 CJ	SIMALC	1	Sample		
12	Vial 12	09027 #3 CJ	SIMALC	1	Sample		
13	Vial 13	09027 #4 CJ	SIMALC	1	Sample		
14	Vial 14	09027 #5 CJ	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

C/ 09027

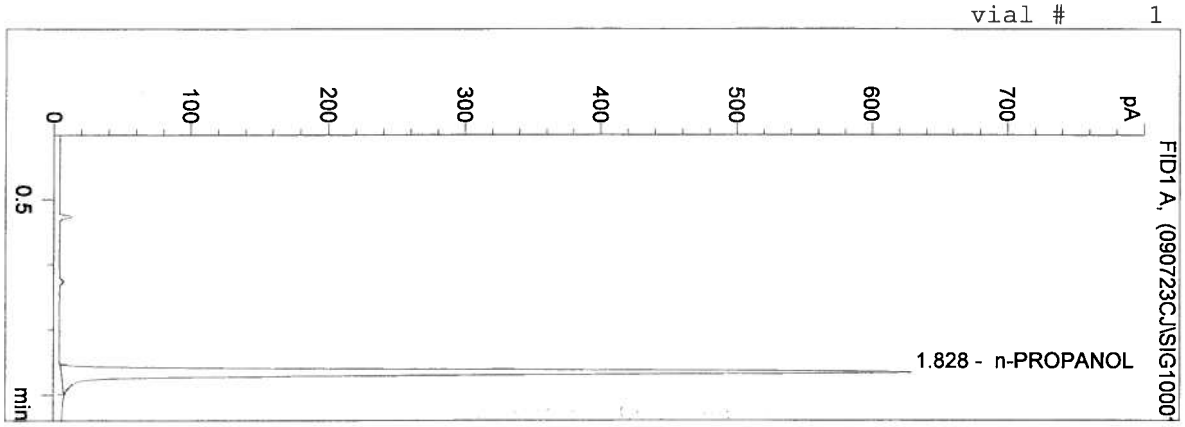
CJ 09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/23/2009 6:45:53 PM
Instrument 3
db-alc2

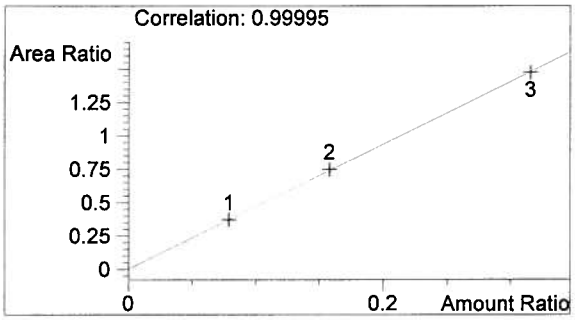
BLANK-CJ
Chris Johnston

vial # 1

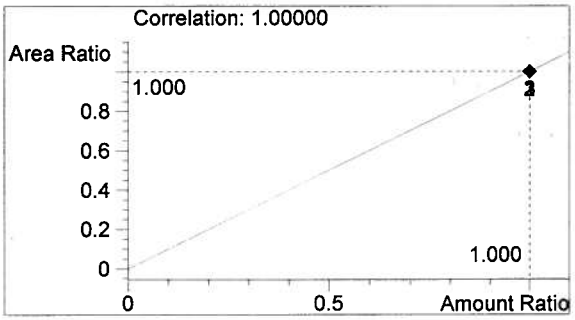


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1799	1.828

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

Internal standard inadvertantly added to blank. Deviation approved, Quality Assurance Manager.
J. SKLEROV 8-11-09

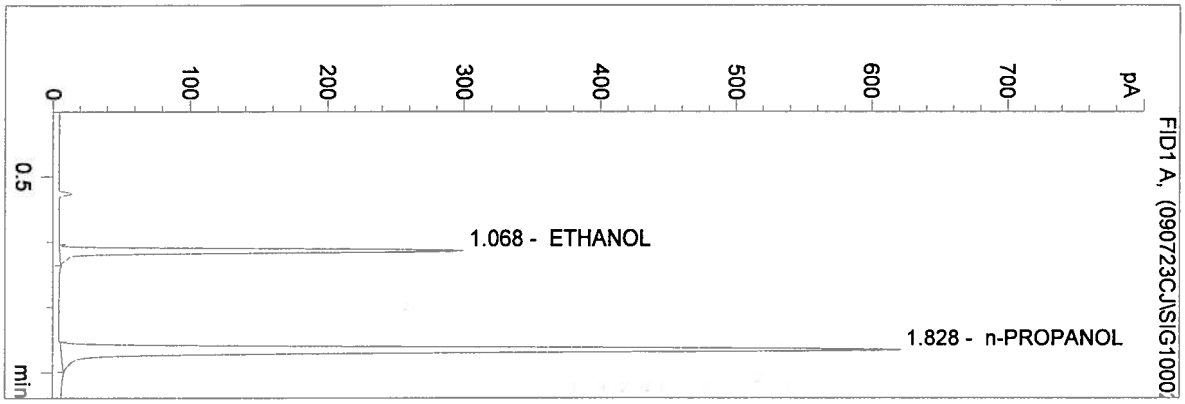
09027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
7/23/2009 6:49:01 PM
Instrument 3
db-alc2

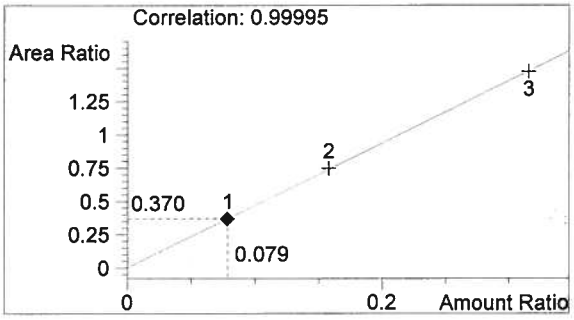
0.079 CAL 1
Chris Johnston

vial # 2

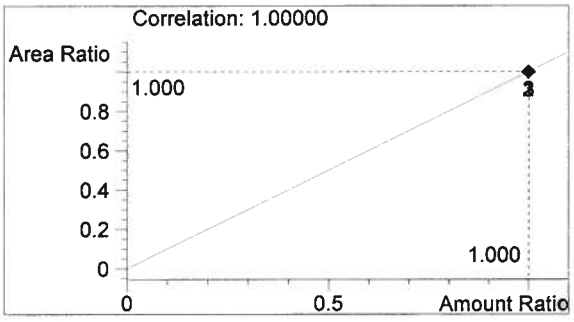


#	Compound	Area	RT
1	ETHANOL	660	1.068
2	n-PROPANOL	1783	1.828

Totals:



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

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WASHINGTON STATE TOXICOLOGY LABORATORY

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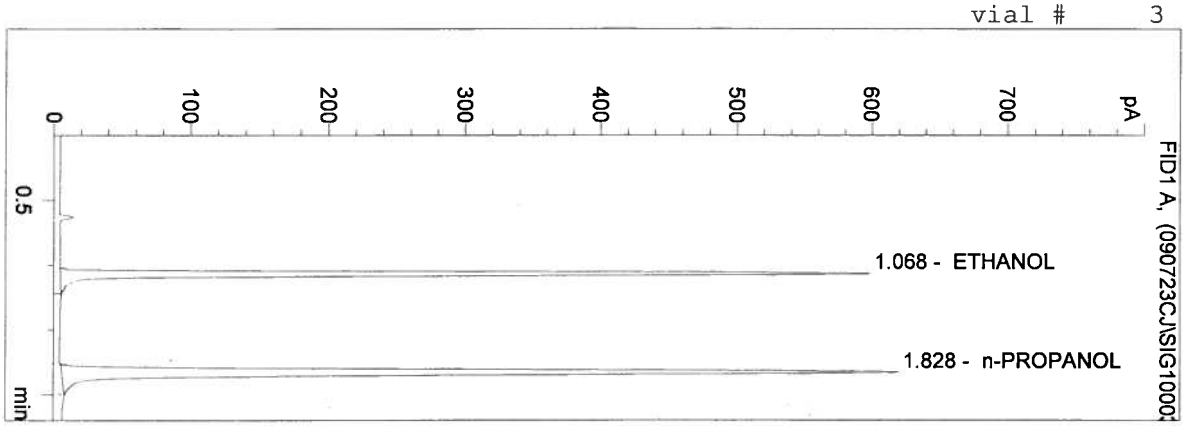
7/23/2009 6:52:08 PM
Instrument 3
db-alc2

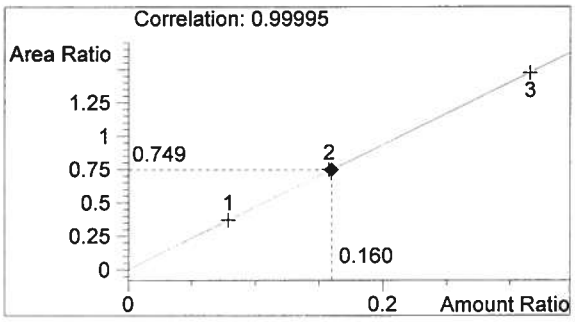
0.158 CAL 2
Chris Johnston

vial # 3

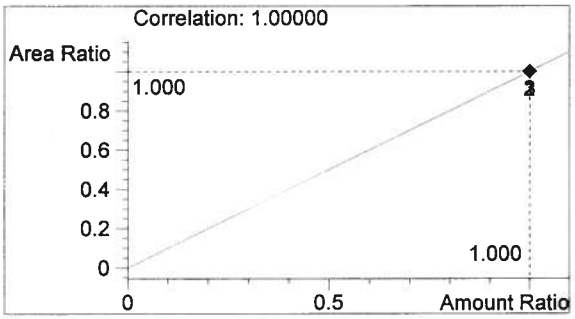


#	Compound	Area	RT
1	ETHANOL	1336	1.068
2	n-PROPANOL	1783	1.828

Totals:



ETHANOL 0.160 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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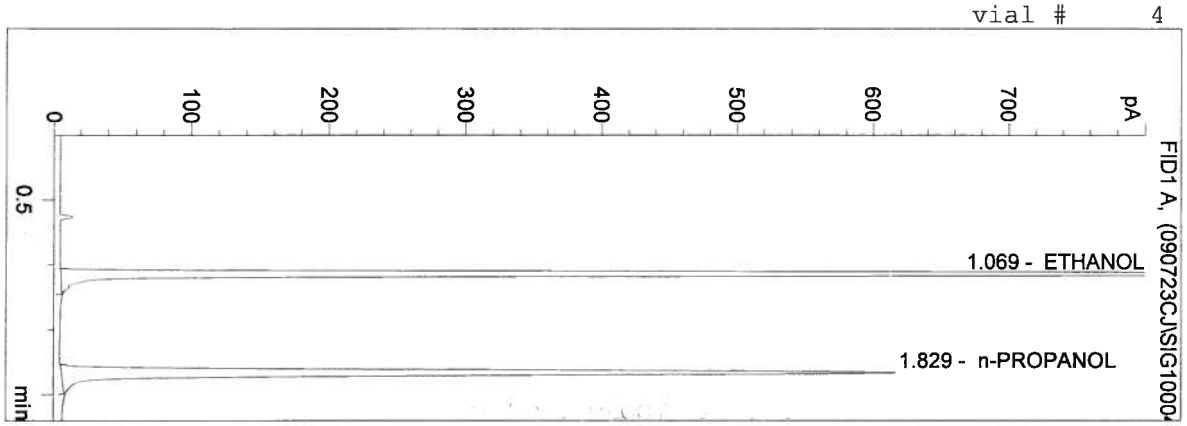
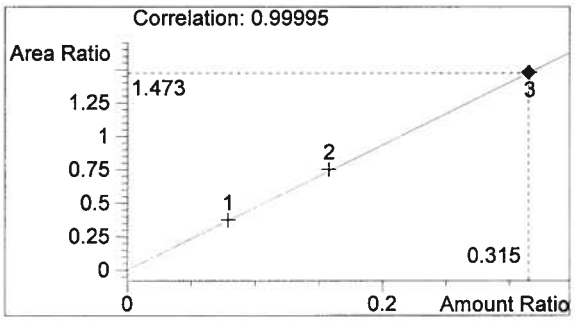
7/23/2009 6:55:16 PM
Instrument 3
db-alc2

0.316 CAL 3
Chris Johnston

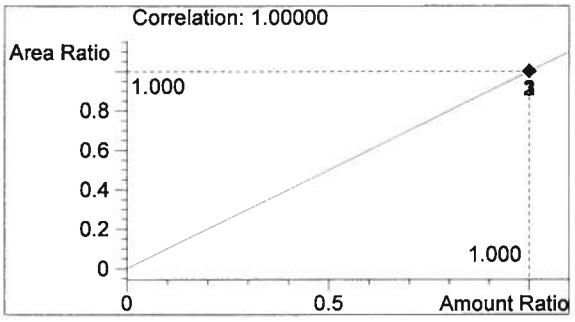
vial # 4



#	Compound	Area	RT
1	ETHANOL	2599	1.069
2	n-PROPANOL	1764	1.829
Totals:			



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

09027

WASHINGTON STATE TOXICOLOGY LABORATORY

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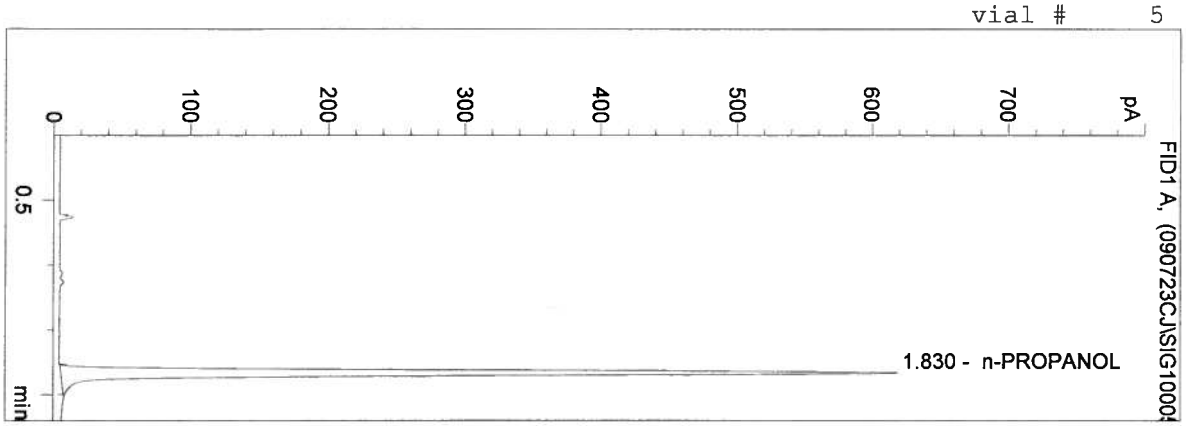
7/23/2009 6:58:24 PM
Instrument 3
db-alc2

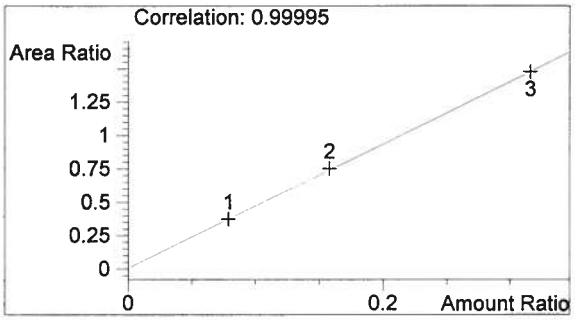
NEG CTRL-CJ
Chris Johnston

vial # 5

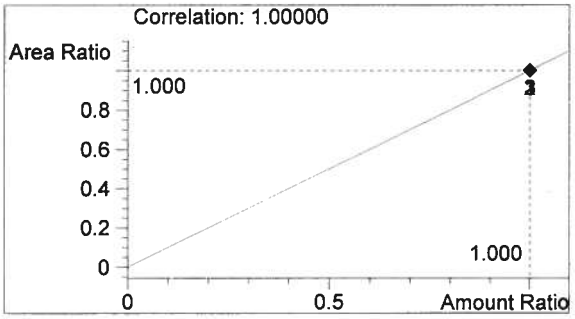


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1780	1.830

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

09027

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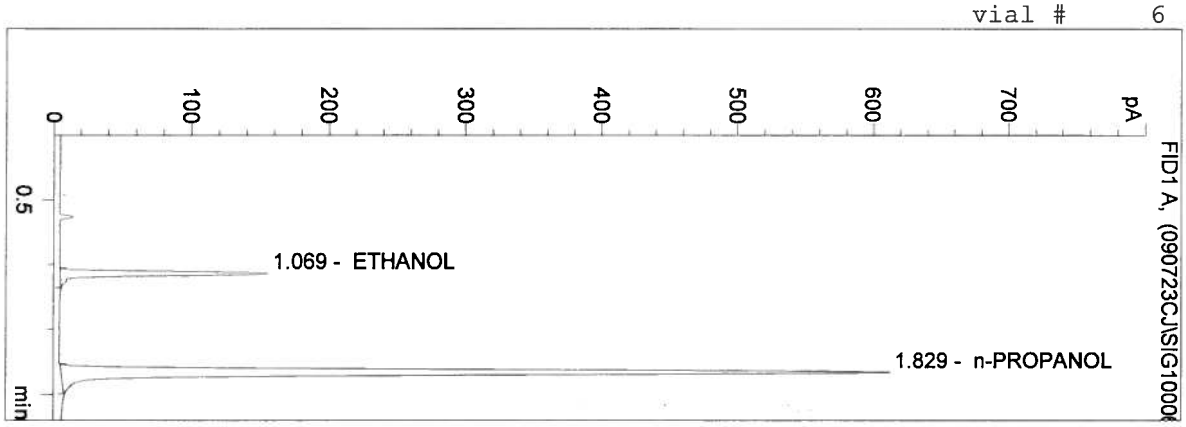
7/23/2009 7:01:31 PM
Instrument 3
db-alc2

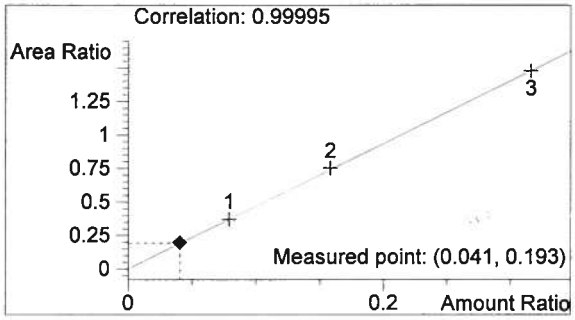
0.04 CTRL-CJ
Chris Johnston

vial # 6

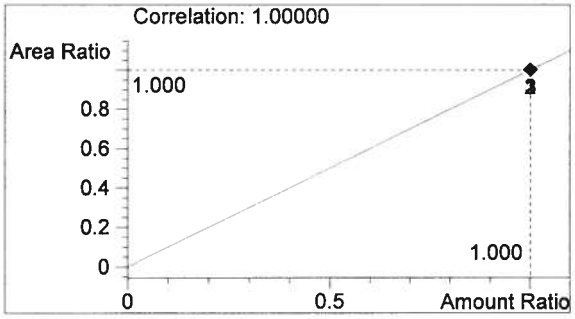


#	Compound	Area	RT
1	ETHANOL	339	1.069
2	n-PROPANOL	1760	1.829

Totals:



ETHANOL 0.041 g/100ml



n-PROPANOL 1.000 g/100ml

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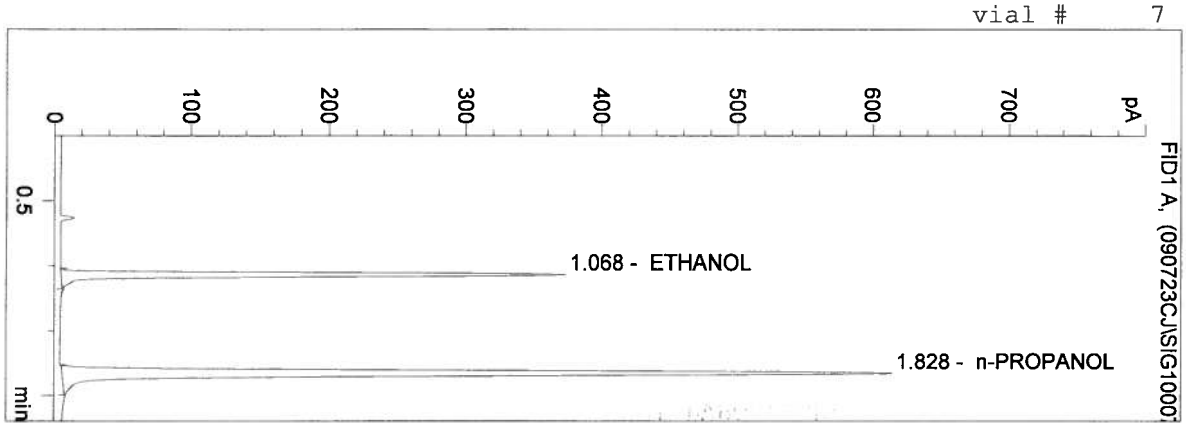
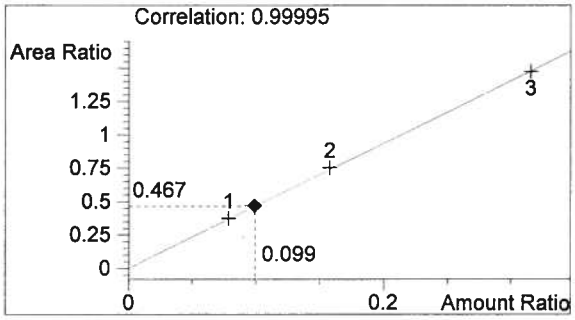
C:\HPCHEM\2\METHODS\SIMALC.M
7/23/2009 7:04:39 PM
Instrument 3
db-alc2

0.10 CTRL-CJ
Chris Johnston

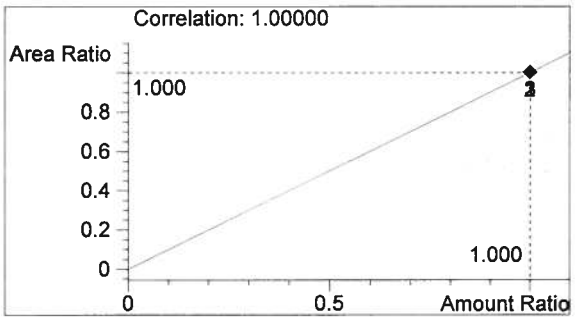
vial # 7



#	Compound	Area	RT
1	ETHANOL	823	1.068
2	n-PROPANOL	1762	1.828
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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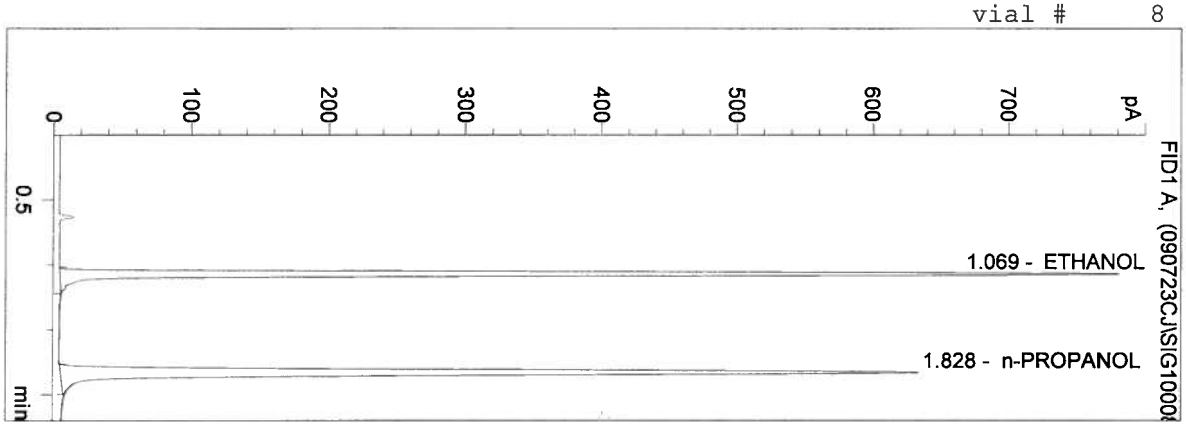
Instrument 3
db-alc2

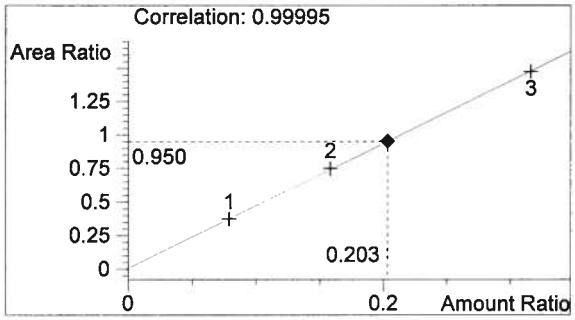
0.20 CTRL-CJ
Chris Johnston

vial # 8

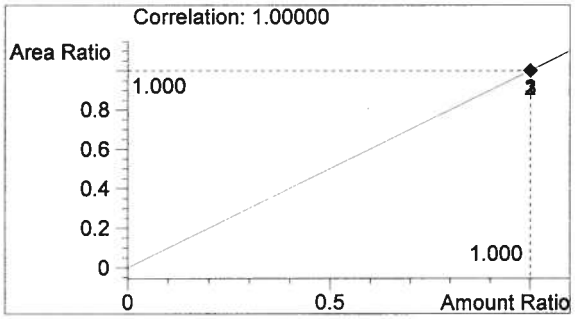


#	Compound	Area	RT
1	ETHANOL	1724	1.069
2	n-PROPANOL	1814	1.828

Totals:



ETHANOL 0.203 g/100ml



n-PROPANOL 1.000 g/100ml

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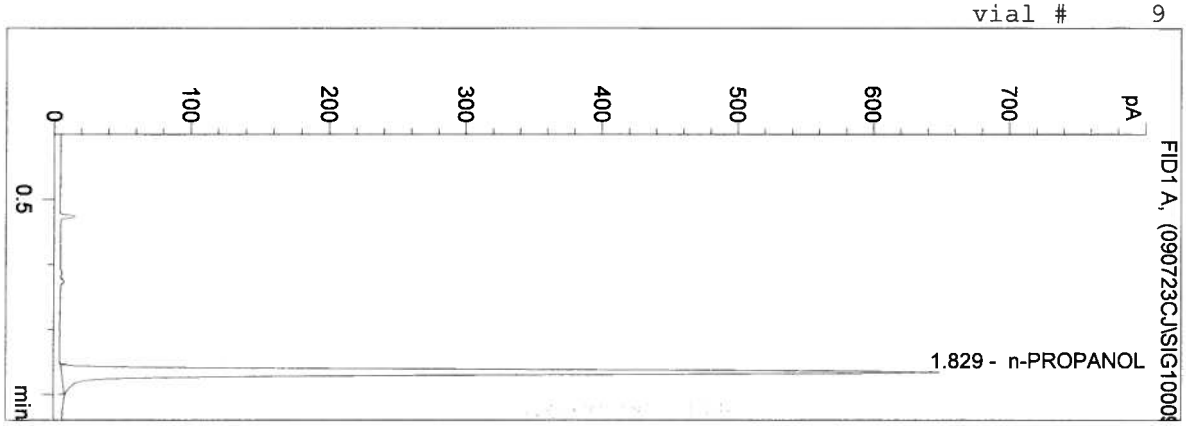
Instrument 3
db-alc2

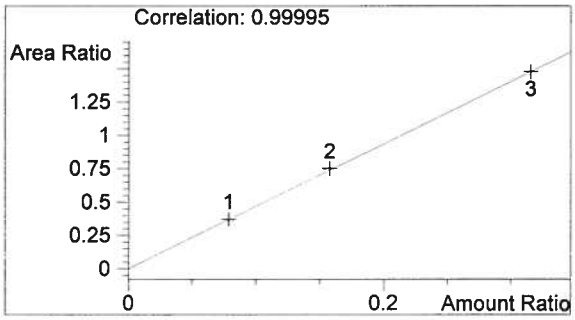
NEG CTRL-CJ
Chris Johnston

vial # 9

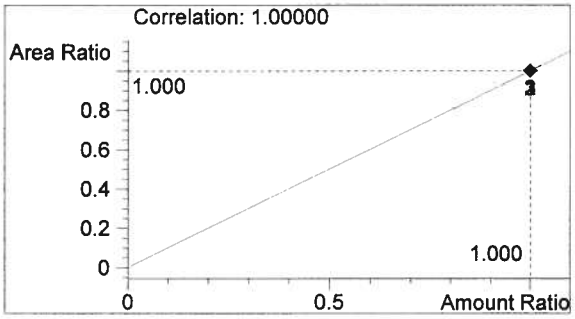


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1860	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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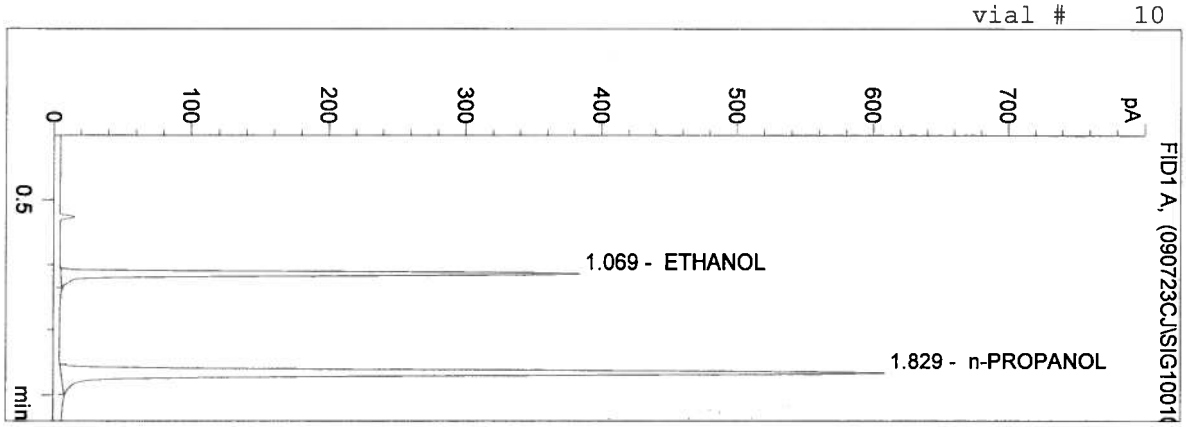
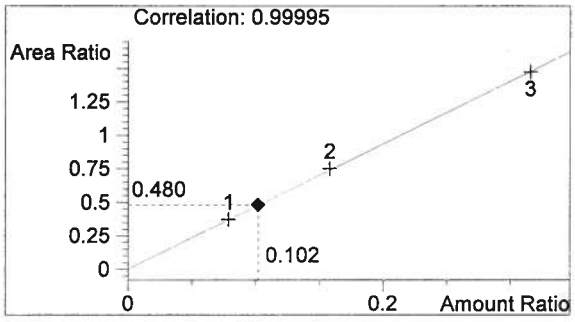
Instrument 3
db-alc2

09027 #1 CJ
Chris Johnston

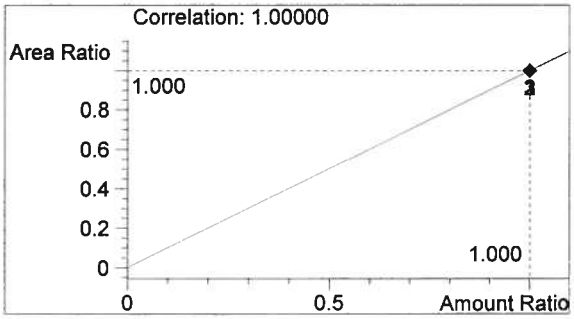
vial # 10



#	Compound	Area	RT
1	ETHANOL	835	1.069
2	n-PROPANOL	1741	1.829
Totals:			



ETHANOL 0.102 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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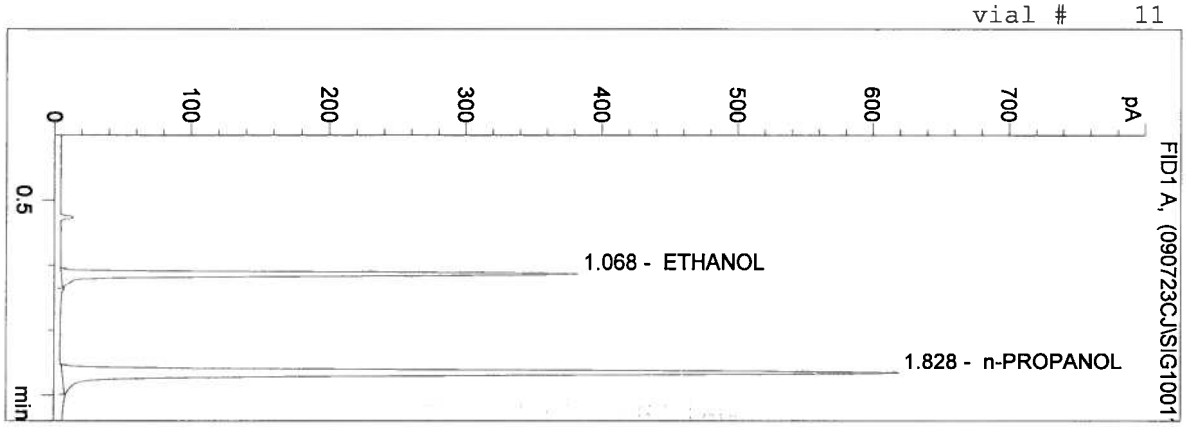
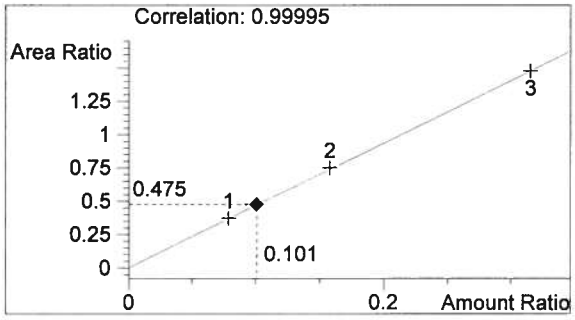
Instrument 3
db-alc2

09027 #2 CJ
Chris Johnston

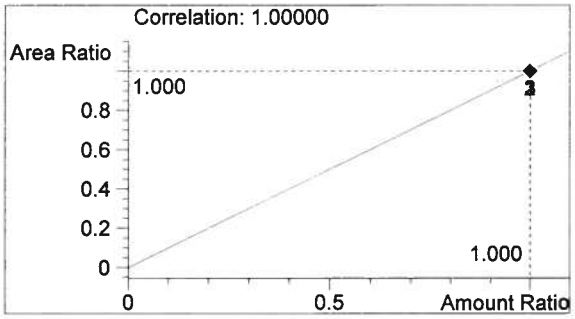
vial # 11



#	Compound	Area	RT
1	ETHANOL	846	1.068
2	n-PROPANOL	1782	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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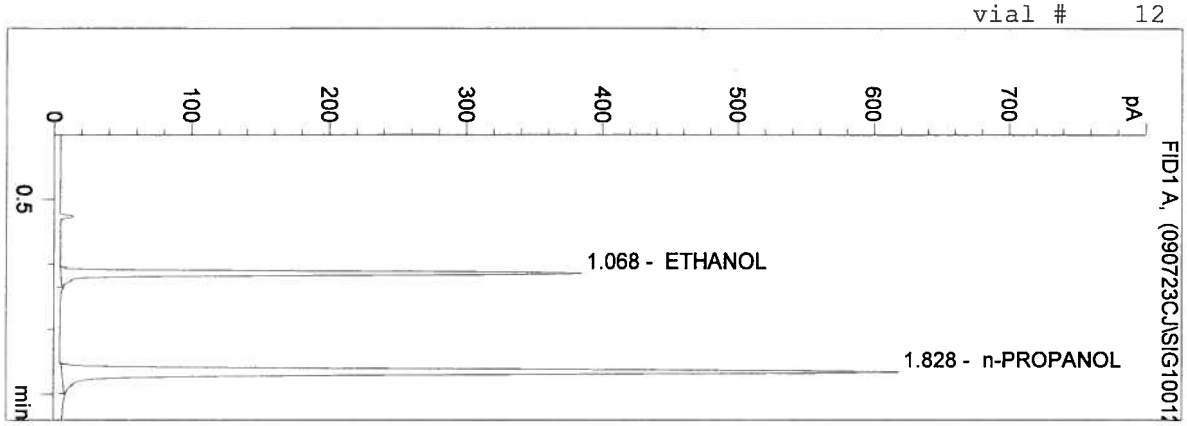
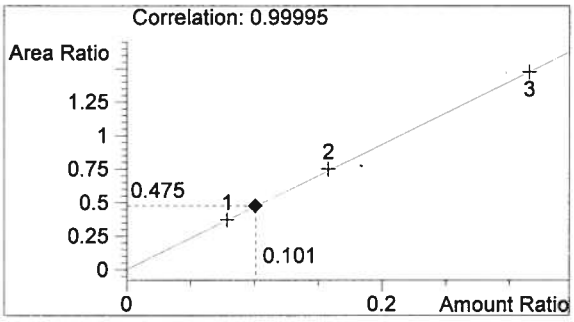
Instrument 3
db-alc2

09027 #3 CJ
Chris Johnston

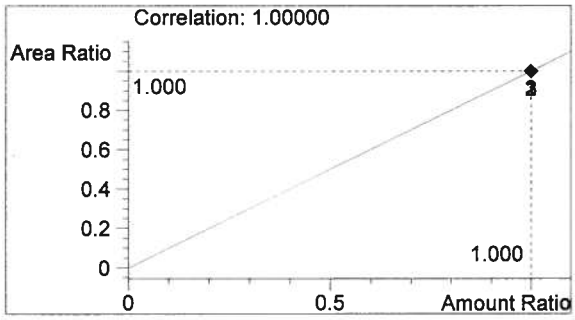
vial # 12



#	Compound	Area	RT
1	ETHANOL	843	1.068
2	n-PROPANOL	1775	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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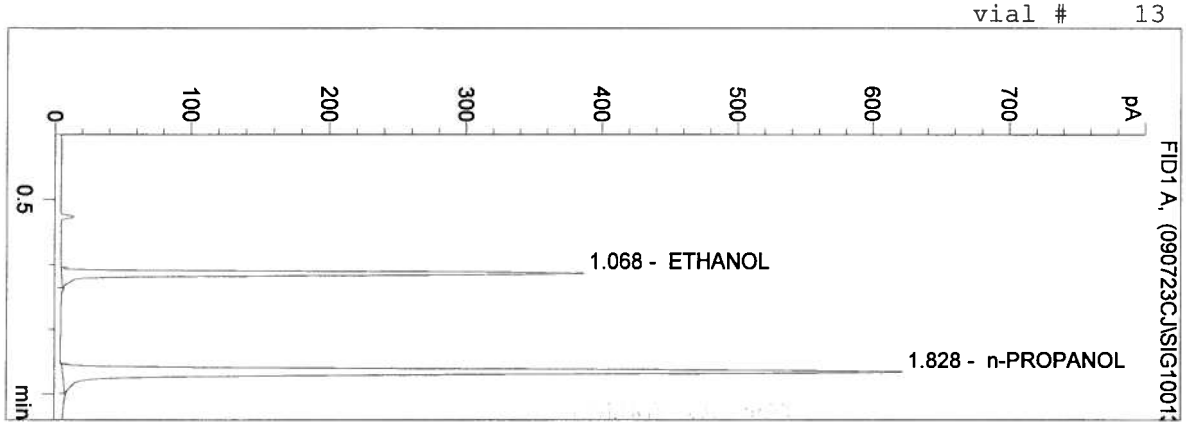
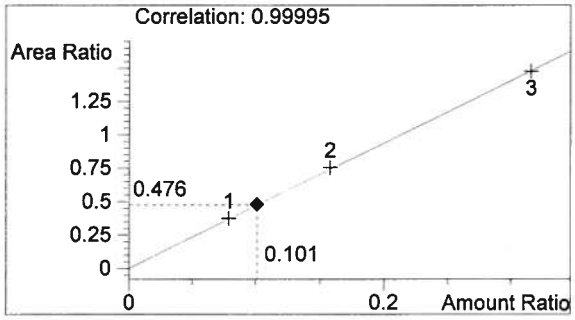
Instrument 3
db-alc2

09027 #4 CJ
Chris Johnston

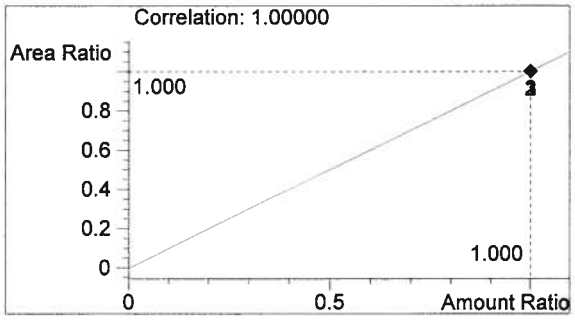
vial # 13



#	Compound	Area	RT
1	ETHANOL	848	1.068
2	n-PROPANOL	1783	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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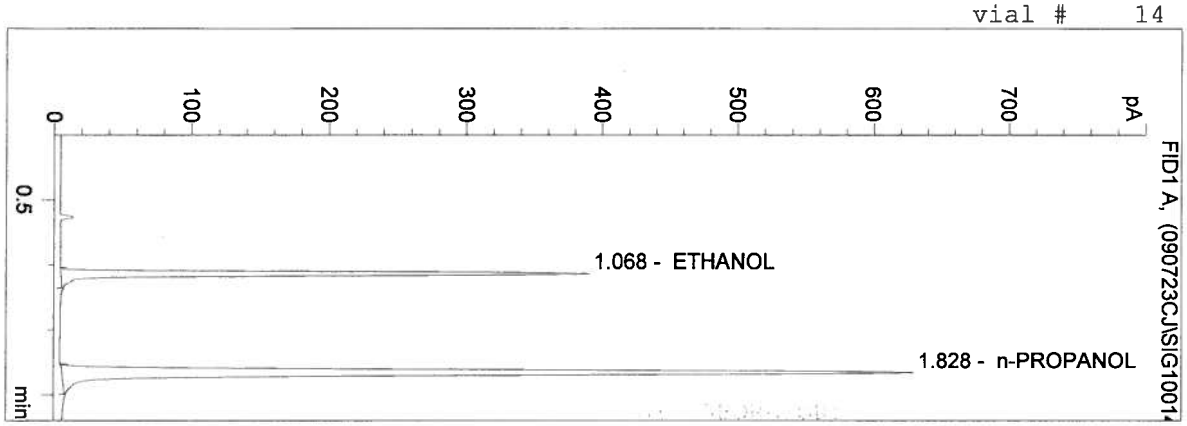
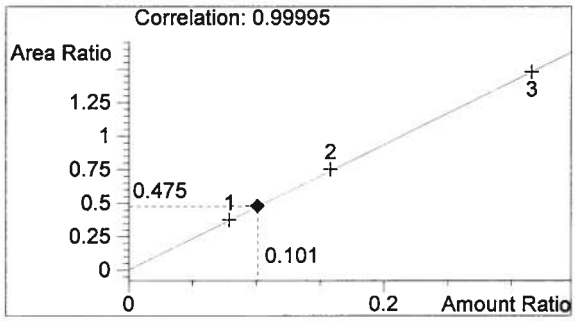
Instrument 3
db-alc2

09027 #5 CJ
Chris Johnston

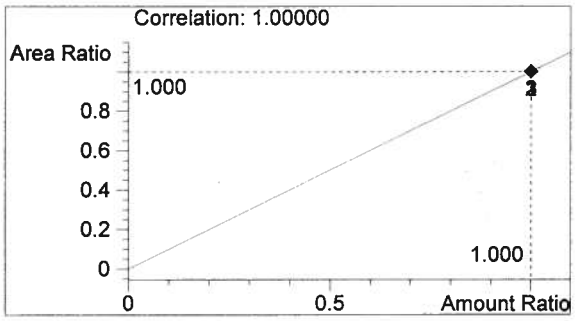
vial # 14



#	Compound	Area	RT
1	ETHANOL	858	1.068
2	n-PROPANOL	1806	1.828
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

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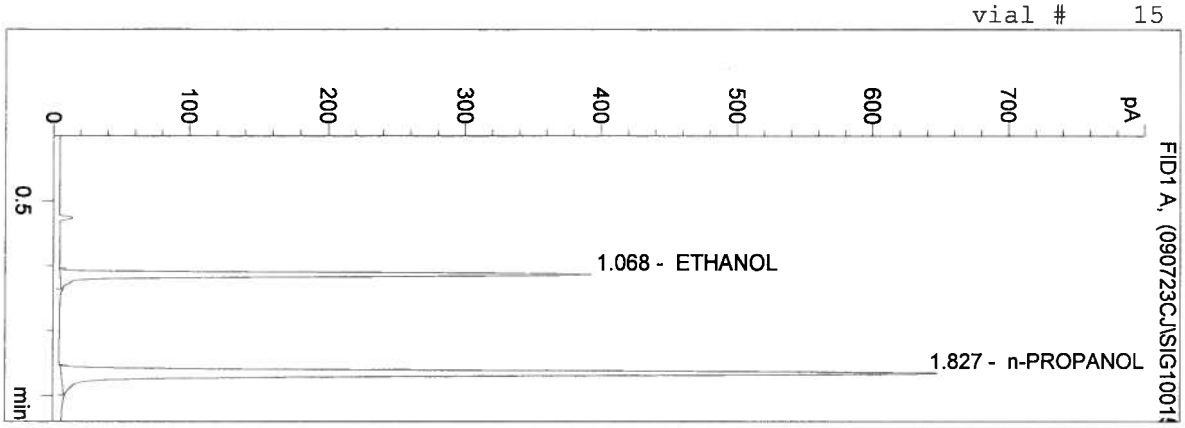
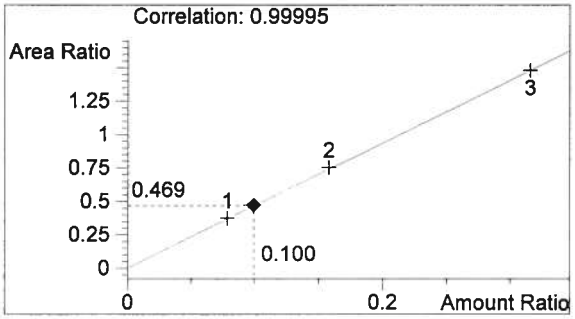
Instrument 3
db-alc2

0.10 CTRL-CJ
Chris Johnston

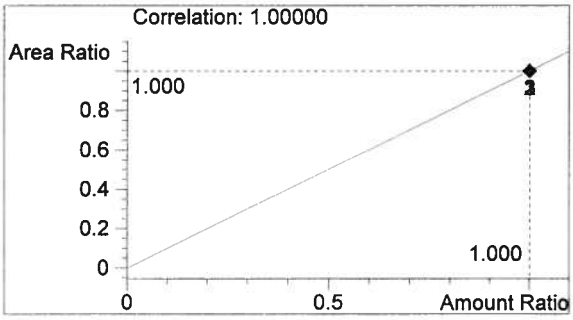
vial # 15



#	Compound	Area	RT
1	ETHANOL	870	1.068
2	n-PROPANOL	1858	1.827
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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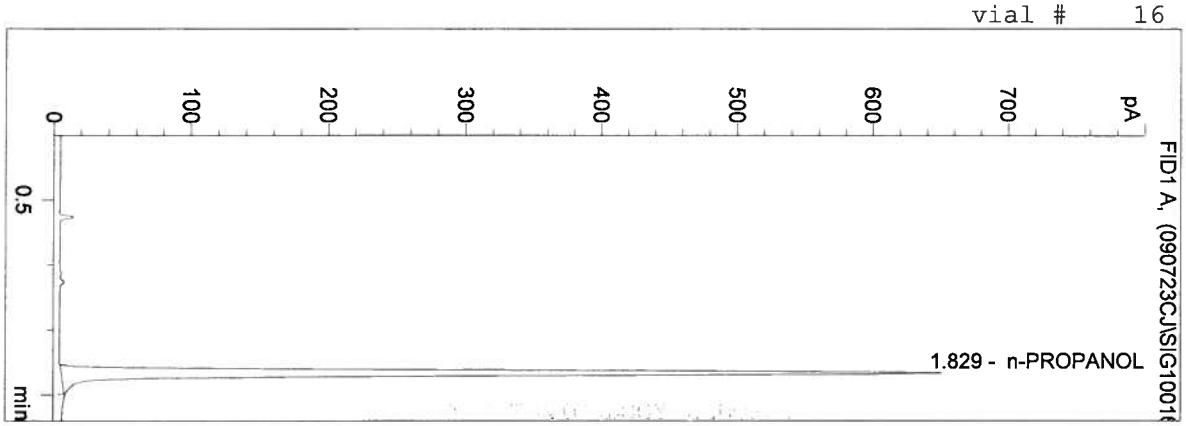
Instrument 3
db-alc2

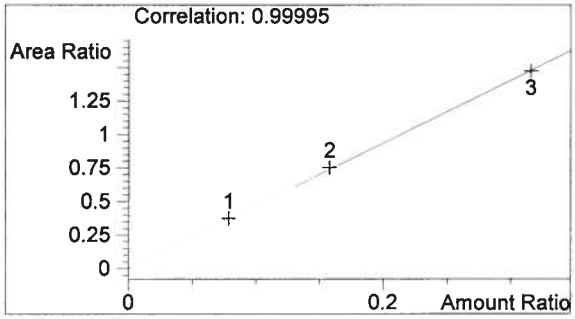
NEG CTRL-CJ
Chris Johnston

vial # 16

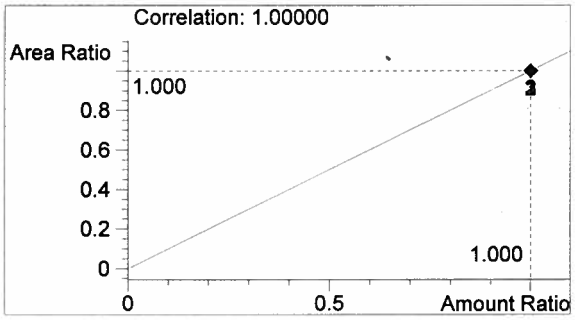


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1864	1.829

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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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:	090728JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot #A067397 - Exp. 09/2013
0.10 Control - Lot #A064767 - Exp. 04/2013
0.20 Control - Lot #A064522 - Exp. 04/2013

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL	SIMALC	1	Calib		
3	Vial 3	0.158 CAL	SIMALC	1	Calib		
4	Vial 4	0.316 CAL	SIMALC	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC	1	Ctrl Samp		
10	Vial 10	09027-1	SIMALC	1	Sample		
11	Vial 11	09027-2	SIMALC	1	Sample		
12	Vial 12	09027-3	SIMALC	1	Sample		
13	Vial 13	09027-4	SIMALC	1	Sample		
14	Vial 14	09027-5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC	1	Ctrl Samp		

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

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WASHINGTON STATE TOXICOLOGY LABORATORY

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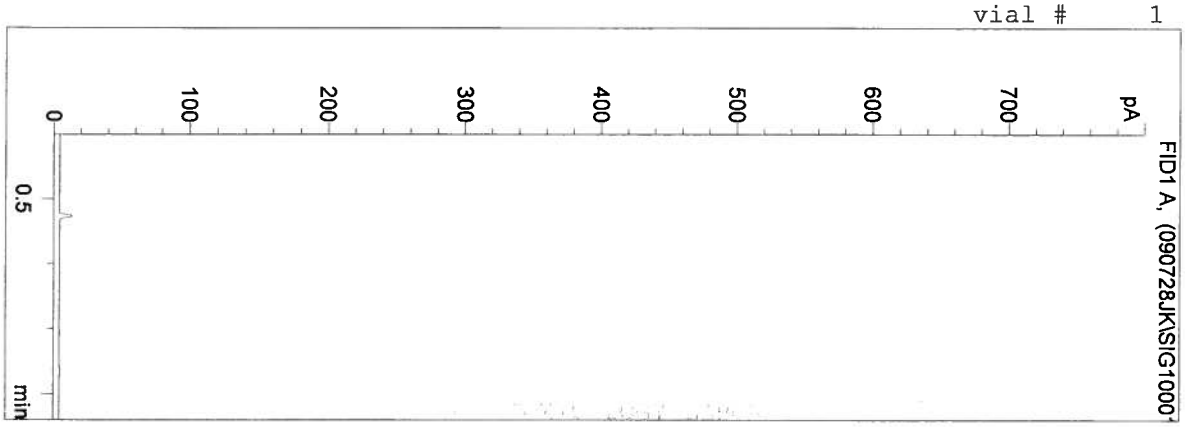
Instrument 3
db-alc2

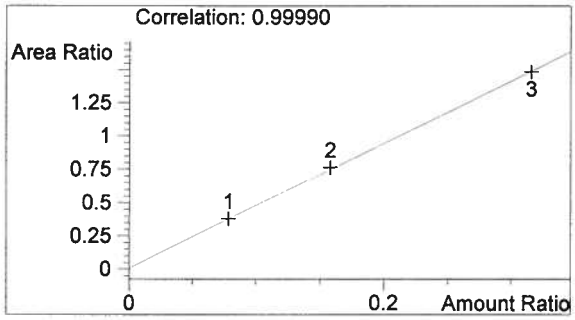
BLANK
Justin Knoy

vial # 1

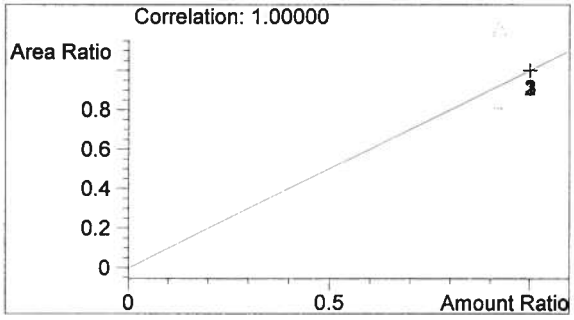


#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	0	0.000

Totals:



ETHANOL 0.000 g/100ml



n-PROPANOL 0.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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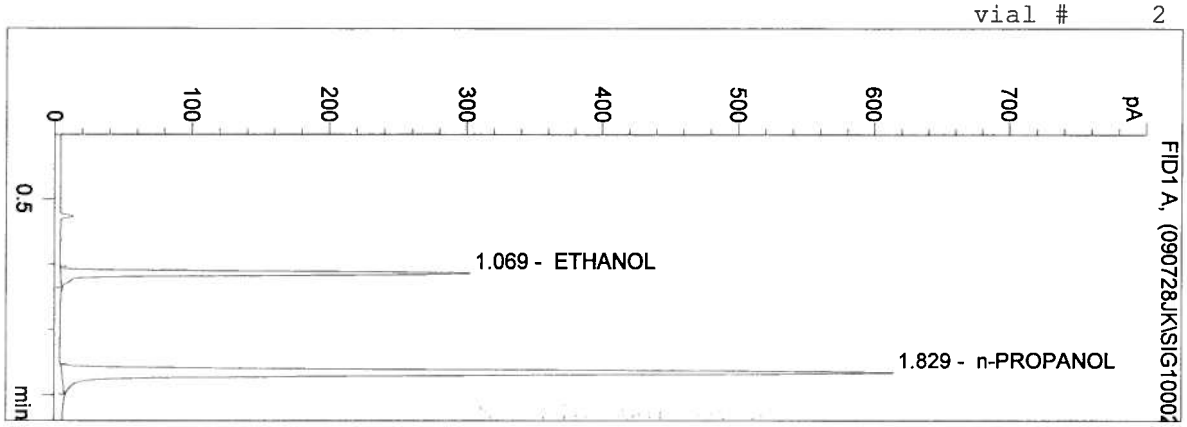
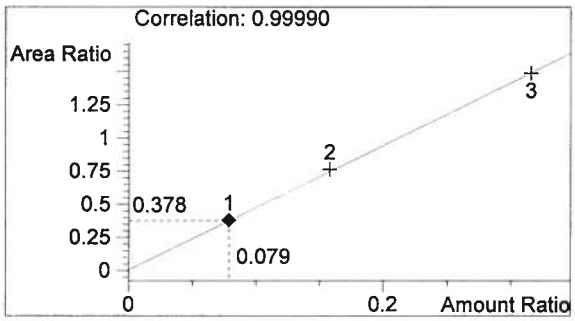
7/28/2009 10:01:10 AM
Instrument 3
db-alc2

0.079 CAL
Justin Knoy

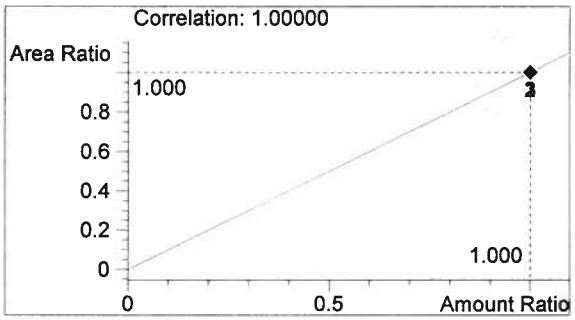
vial # 2



#	Compound	Area	RT
1	ETHANOL	666	1.069
2	n-PROPANOL	1760	1.829
Totals:			



ETHANOL 0.079 g/100ml



n-PROPANOL 1.000 g/100ml

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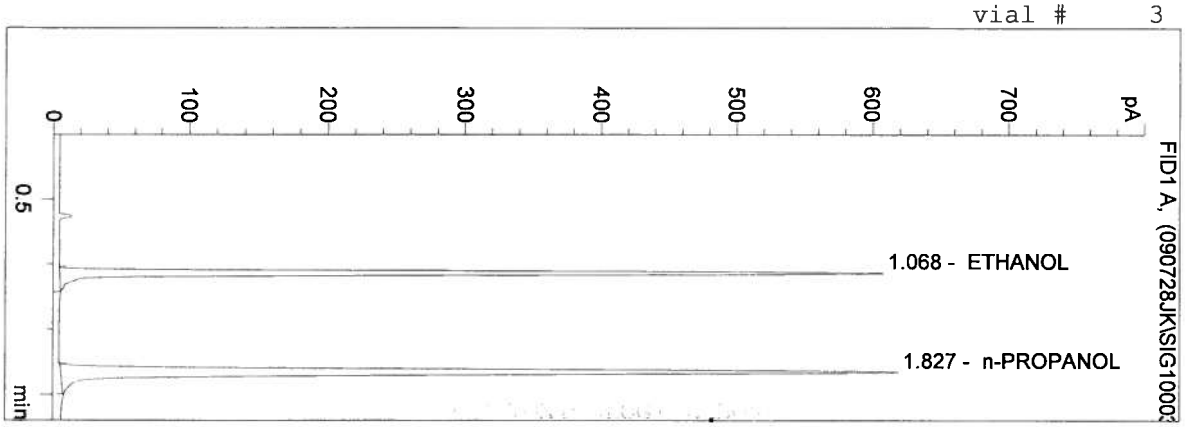
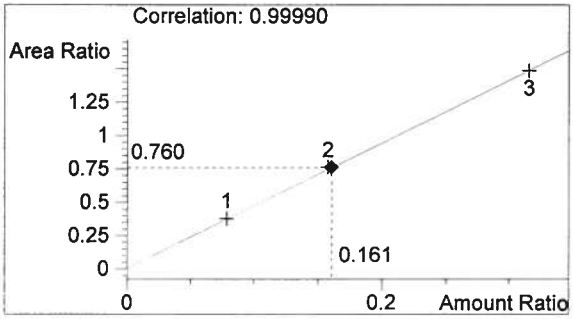
Instrument 3
db-alc2

0.158 CAL
Justin Knoy

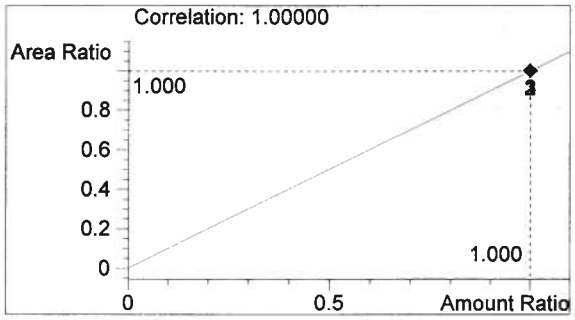
vial # 3



#	Compound	Area	RT
1	ETHANOL	1350	1.068
2	n-PROPANOL	1775	1.827
Totals:			



ETHANOL 0.161 g/100ml



n-PROPANOL 1.000 g/100ml

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WASHINGTON STATE TOXICOLOGY LABORATORY

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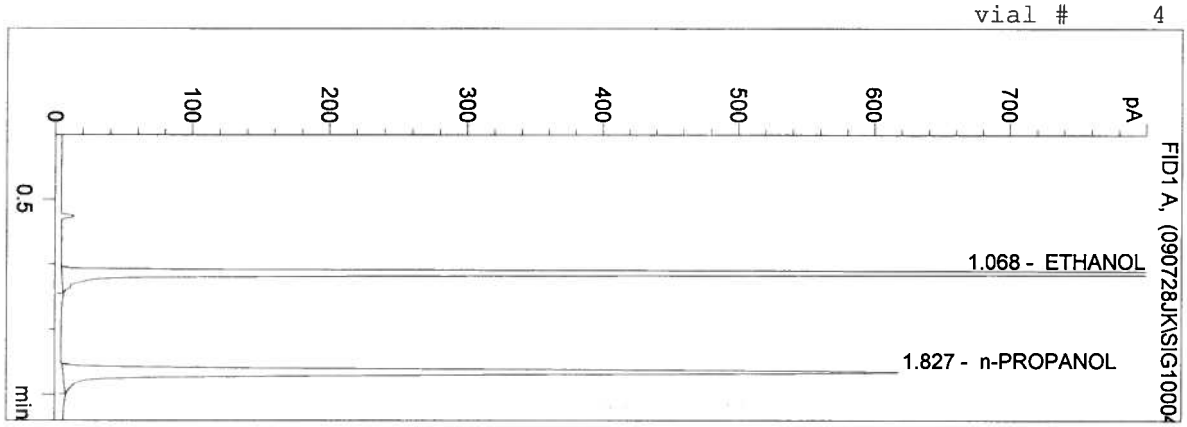
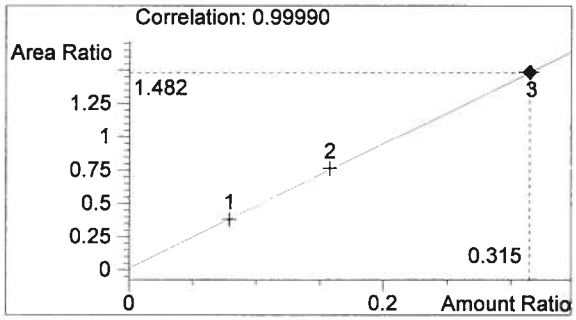
Instrument 3
db-alc2

0.316 CAL
Justin Knoy

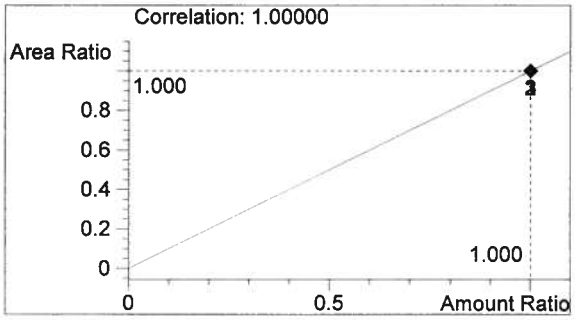
vial # 4



#	Compound	Area	RT
1	ETHANOL	2632	1.068
2	n-PROPANOL	1775	1.827
Totals:			



ETHANOL 0.315 g/100ml



n-PROPANOL 1.000 g/100ml

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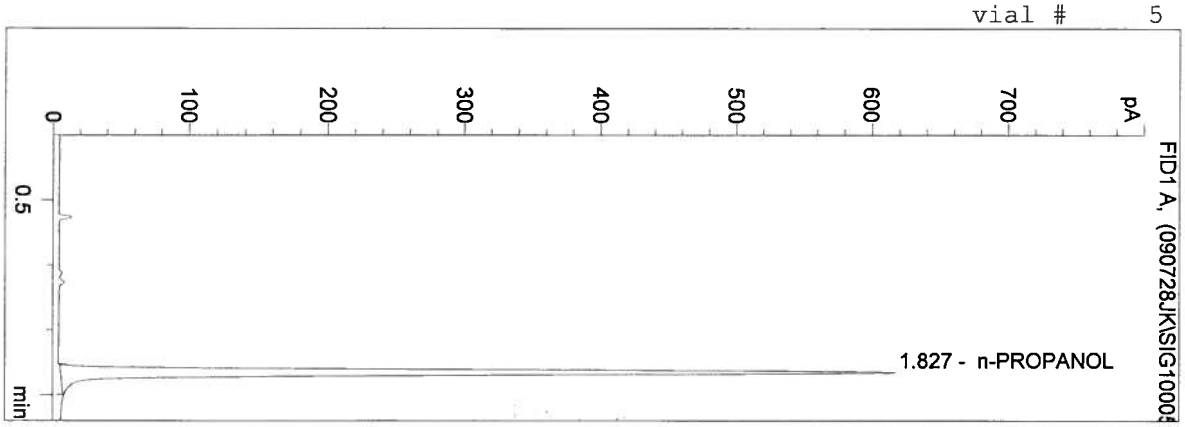
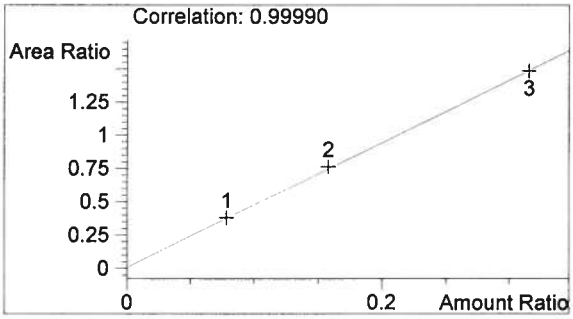
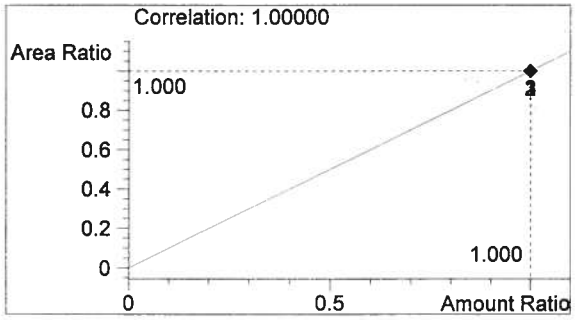
vial # 5



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1774	1.827
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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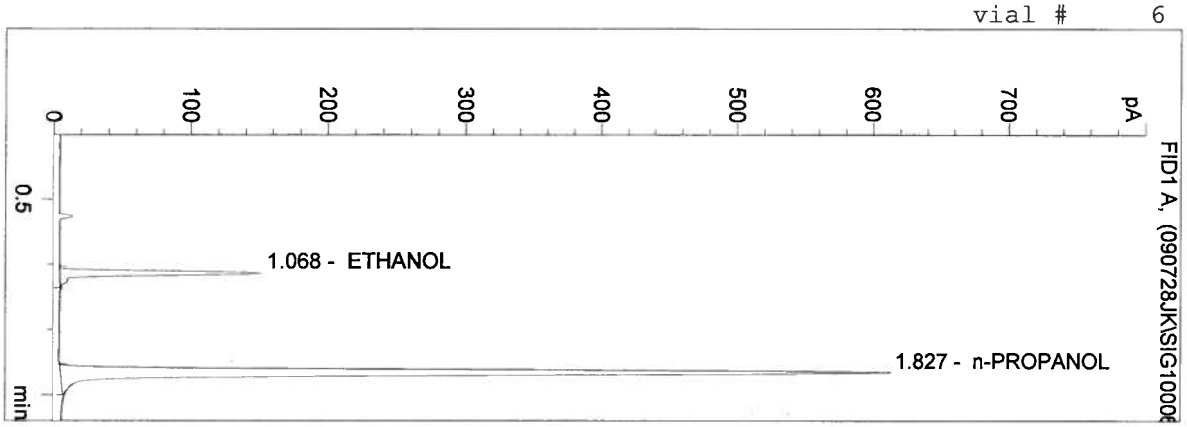
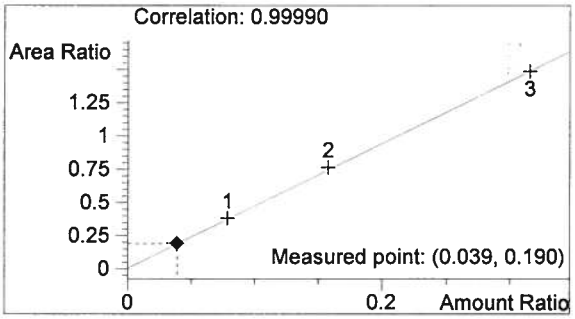
Instrument 3
db-alc2

0.04 CTRL JK
Justin Knoy

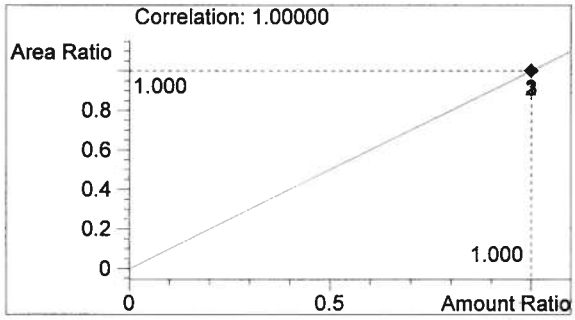
vial # 6



#	Compound	Area	RT
1	ETHANOL	336	1.068
2	n-PROPANOL	1762	1.827
Totals:			



ETHANOL 0.039 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

0.10 CTRL JK
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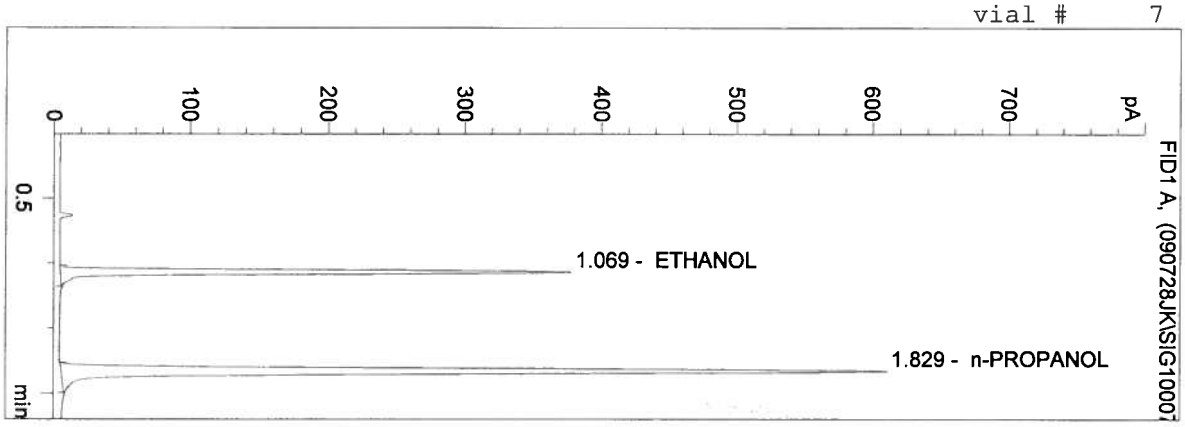
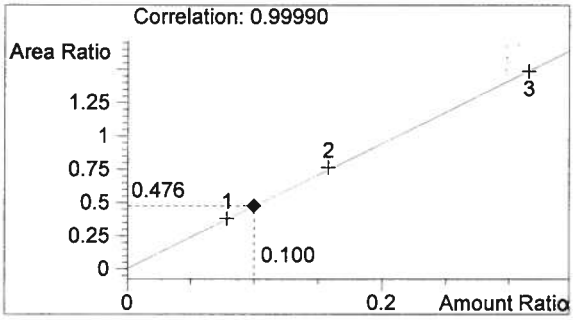
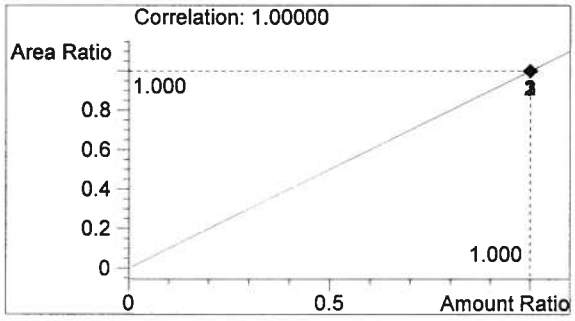
vial # 7



#	Compound	Area	RT
1	ETHANOL	833	1.069
2	n-PROPANOL	1750	1.829
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

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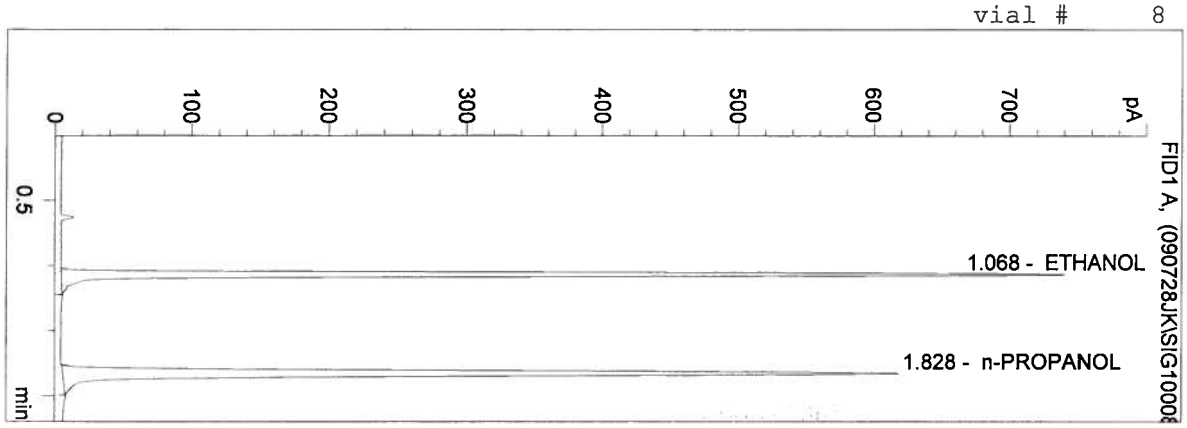
Instrument 3
db-alc2

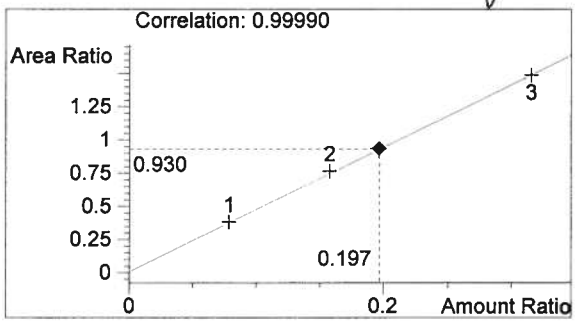
0.20 CTRL JK
Justin Knoy

vial # 8

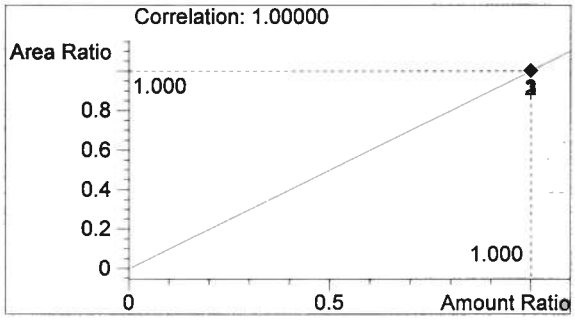


#	Compound	Area	RT
1	ETHANOL	1652	1.068
2	n-PROPANOL	1776	1.828

Totals:



ETHANOL 0.197 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
db-alc2

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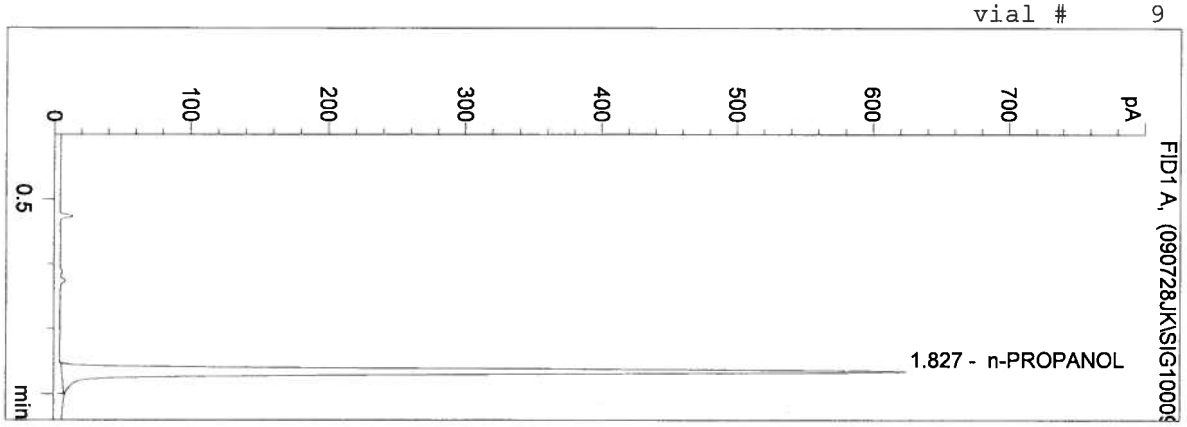
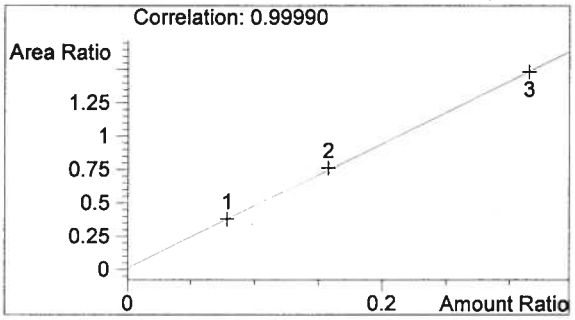
Justin Knoy

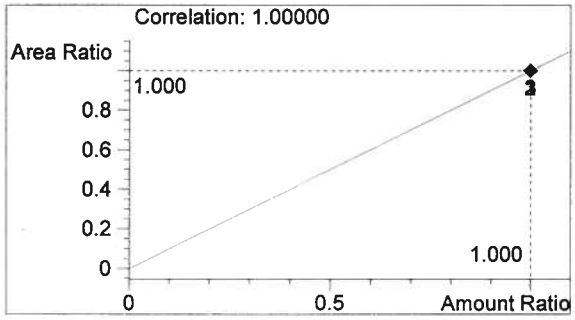
vial # 9



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1799	1.827
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

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Instrument 3
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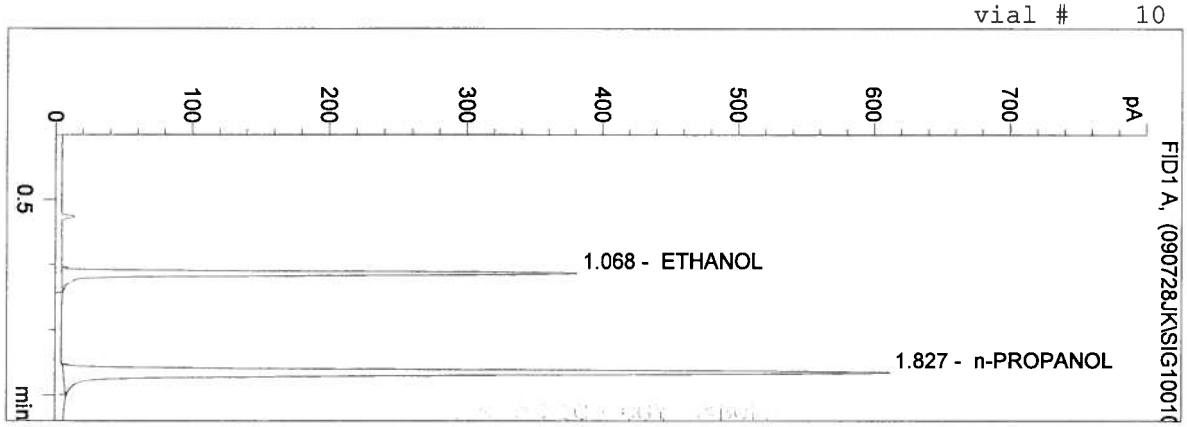
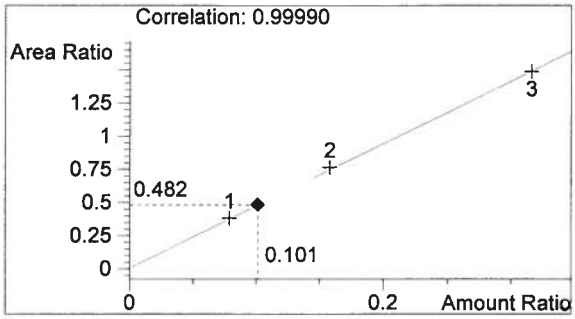
Justin Knoy

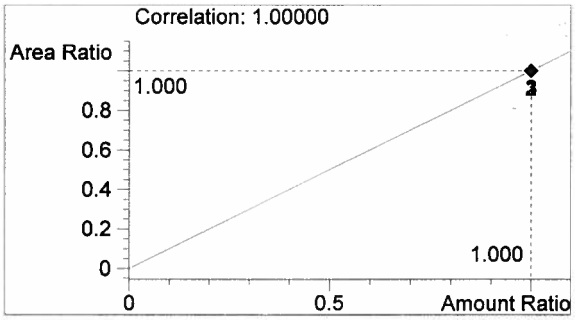
vial # 10



#	Compound	Area	RT
1	ETHANOL	848	1.068
2	n-PROPANOL	1759	1.827
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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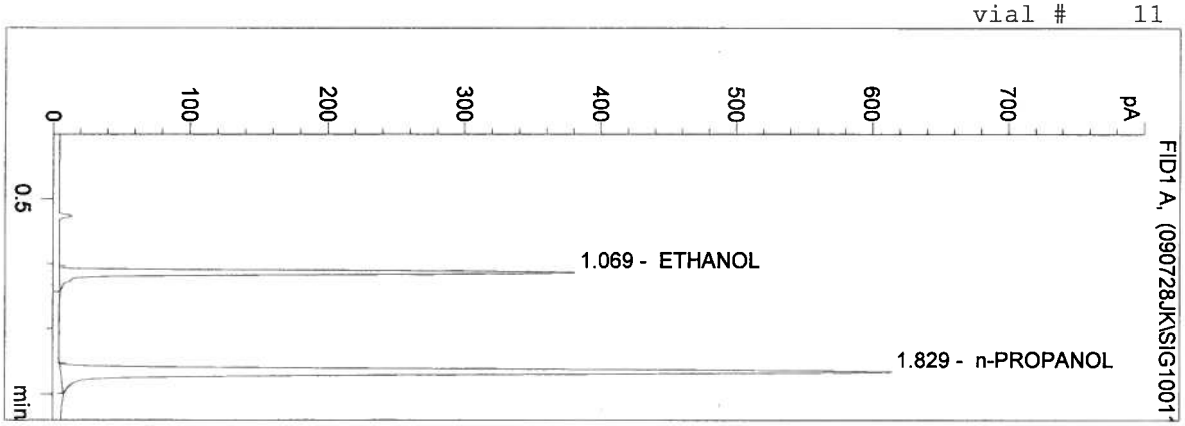
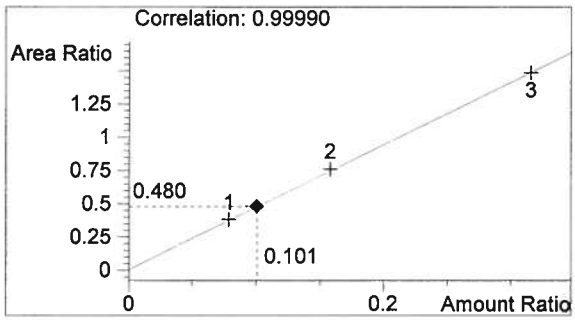
Instrument 3
db-alc2

09027-2
Justin Knoy

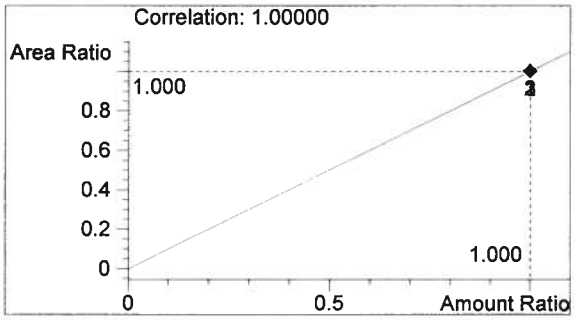
vial # 11



#	Compound	Area	RT
1	ETHANOL	846	1.069
2	n-PROPANOL	1764	1.829
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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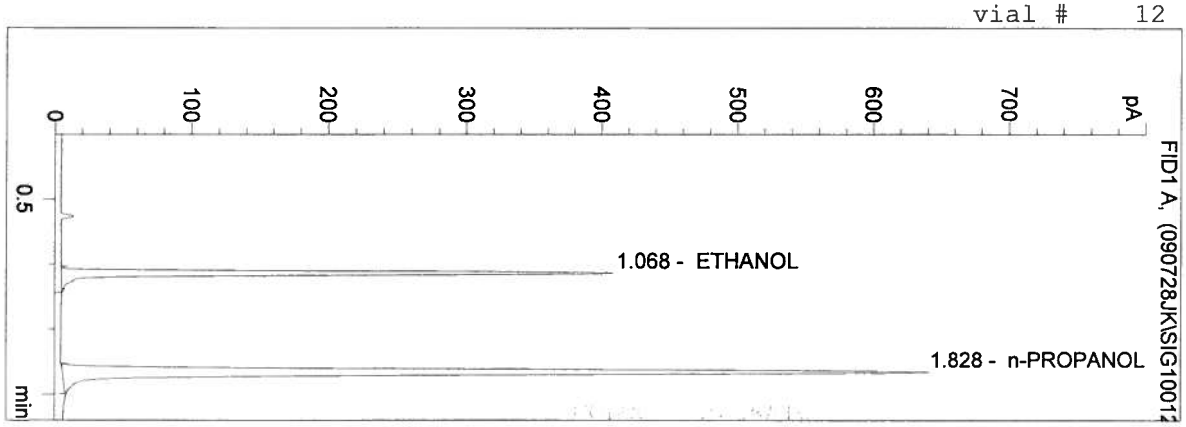
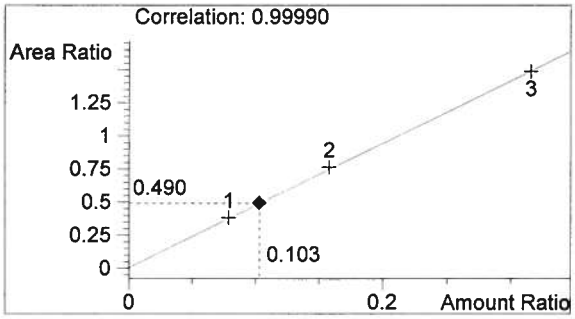
Instrument 3
db-alc2

09027-3
Justin Knoy

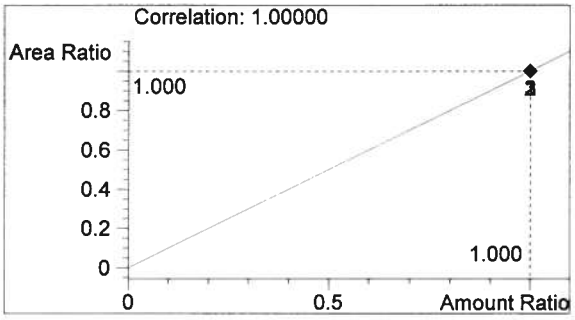
vial # 12



#	Compound	Area	RT
1	ETHANOL	899	1.068
2	n-PROPANOL	1834	1.828
Totals:			



ETHANOL 0.103 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
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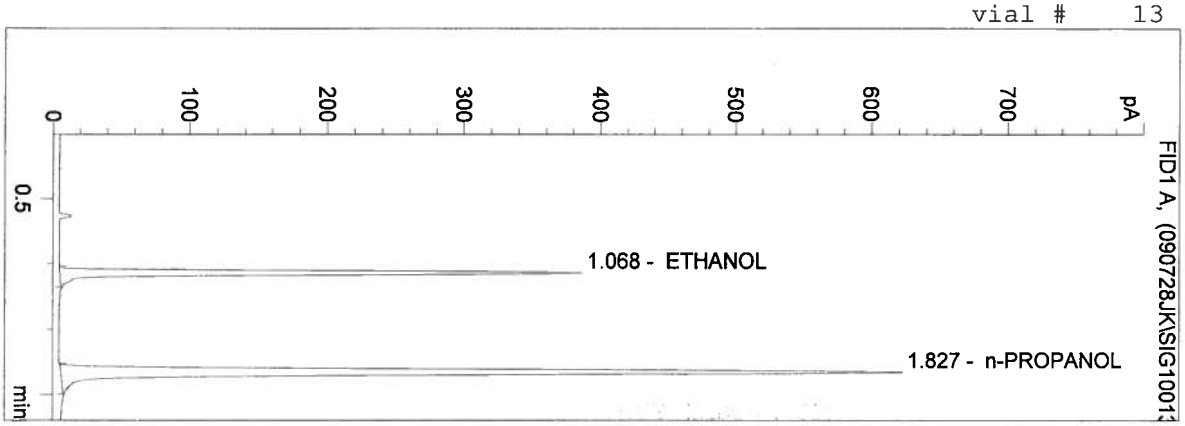
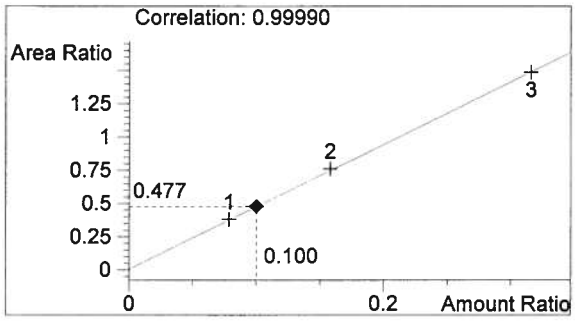
Justin Knoy

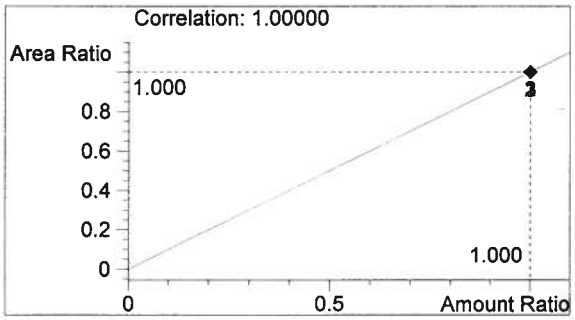
vial # 13



#	Compound	Area	RT
1	ETHANOL	853	1.068
2	n-PROPANOL	1787	1.827
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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Instrument 3
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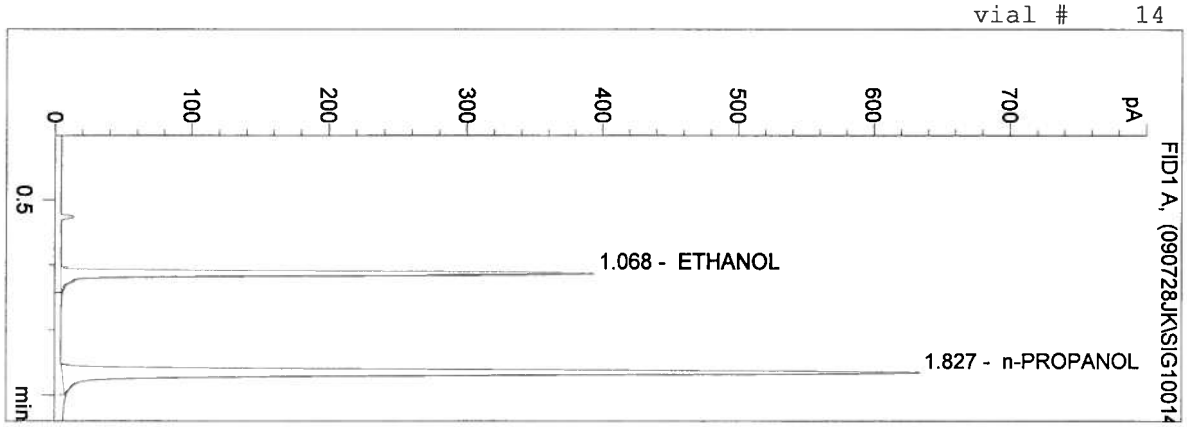
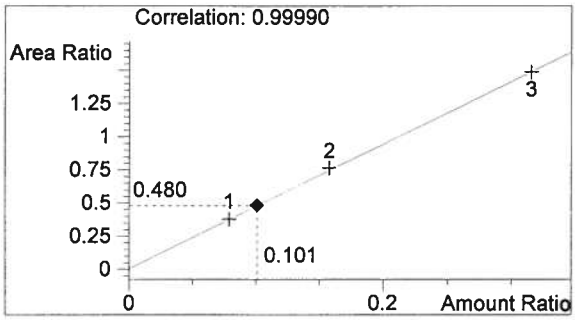
Justin Knoy

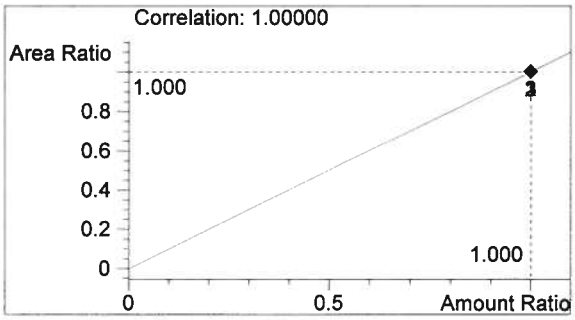
vial # 14



#	Compound	Area	RT
1	ETHANOL	871	1.068
2	n-PROPANOL	1813	1.827
Totals:			



ETHANOL 0.101 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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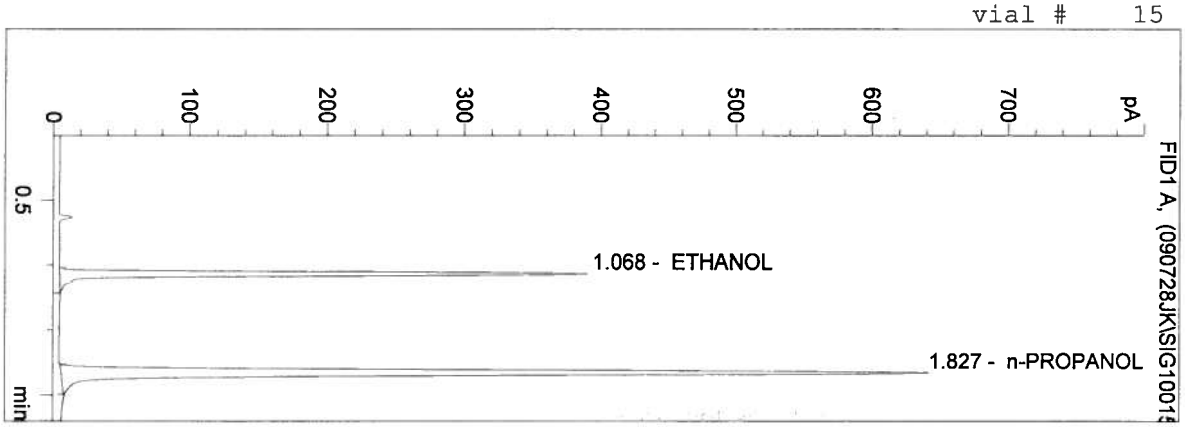
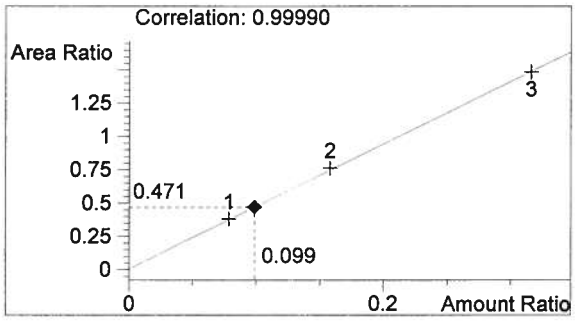
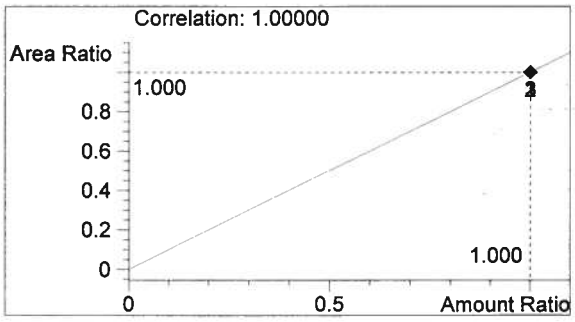
vial # 15



#	Compound	Area	RT
1	ETHANOL	865	1.068
2	n-PROPANOL	1836	1.827
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

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db-alc2

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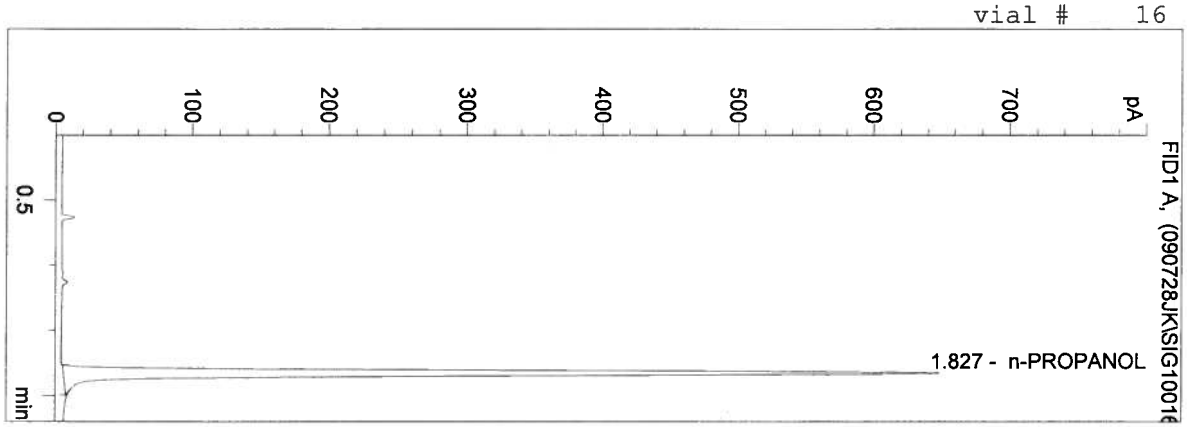
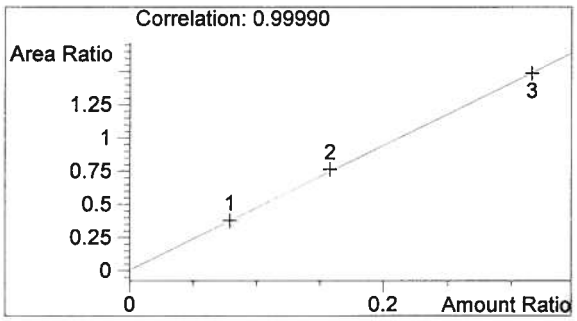
Justin Knoy

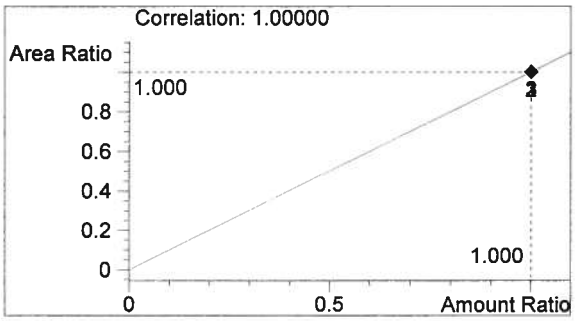
vial # 16



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1862	1.827
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

09027

Washington State Patrol Toxicology Laboratory Division

EXTERNAL STANDARD SOLUTION PREPARATION WORKSHEET

Batch #: 09027

Preparer: SMS

Date Prepared: 7/8/09

Expiration Date: 7/8/10

Lot 200 Proof (100%) Ethanol Used: X03073

Date 200 Proof Ethanol Opened: 6/11/09

(Ethanol standard is approved for use for 6 months after opening unless an extension is approved by the State Toxicologist.)

52 L Deionized Water ☑

66.5 mL 200-proof ethanol ☑

Stir Bar is Rotating ☑

Stirred for at least 2 hours ☑

Spigot Purged ☑

Aliquot Taken ☑

Batch Labeled, Packaged and Sealed ☑ 7/8/09 Date

Analyst 7/8/09 Date