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

ANSI ASCLD/LAB-International ACCREDITED LABORATORY
SINCE 11/16/2009

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 11039

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: 09/09/2011
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Brianna Peterson

	BP	JLK	CM	SS	DC	AJL	CSJ	RF
1	0.098	0.100	0.101	0.100	0.100	0.099	0.100	0.101
2	0.100	0.100	0.101	0.102	0.100	0.100	0.101	0.101
3	0.100	0.100	0.101	0.101	0.100	0.099	0.101	0.101
4	0.099	0.102	0.101	0.101	0.103	0.100	0.101	0.102
5	0.099	0.102	0.102	0.102	0.102	0.100	0.102	0.103
C	0.097	0.098	0.100	0.099	0.099	0.098	0.099	0.100

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1007 g/100mL
STANDARD DEVIATION: 0.00114
PRECISION CV (%): 1.13
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0819 g/210L**
EXPANDED UNCERTAINTY: ± 0.0030 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION 9-16-11

Melissa L. Pemberton FS-5 Forensic Scientist Supervisor
9-12-2011 DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
BP	Brianna Peterson	Brianna Peterson	09/09/2011
JLK	Justin L. Knoy	Justin L. Knoy	09/09/2011
CM	Christie Mitchell	Christie Mitchell	09/12/2011
SS	Sarah Swenson	[illegible]	09/12/2011
DC	Dawn Cox	[illegible]	09/12/2011
AJL	Asa J. Louis	[illegible]	09/12/2011
CSJ	Christopher S. Johnston	[illegible]	09/12/2011
RF	Rebecca Flaherty	[illegible]	09/13/2011

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 #: 11039 **Date Prepared:** 9/9/2011

Analyst:	BP	JLK	CM	SMS	DC	AJL	CSJ	RF
Date Tested:	9/9/2011	9/9/2011	9/12/2011	9/12/2011	9/12/2011	9/12/2011	9/12/2011	9/13/2011
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.098	0.100	0.101	0.100	0.100	0.099	0.100	0.101
2	0.100	0.100	0.101	0.102	0.100	0.100	0.101	0.101
3	0.100	0.100	0.101	0.101	0.100	0.099	0.101	0.101
4	0.099	0.102	0.101	0.101	0.103	0.100	0.101	0.102
5	0.099	0.102	0.102	0.102	0.102	0.100	0.102	0.103
C	0.097	0.098	0.100	0.099	0.099	0.098	0.099	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0001274404	0.0001098725	0.0001016326

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

Average Solution Concentration: 0.1007 g/100mL
Standard Deviation: 0.00114 g/100mL
Precision CV (%): 1.13
Equivalent Vapor Concentration: 0.0819 g/210L
Combined Standard Uncertainty (±): 0.0015 g/210L
Expanded Uncertainty (±): 0.0030 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton [signature] 9.14.2011
Name Signature Date

Calculations verified by: Jason Skletrov [signature] 9-15-11
Name Signature Date

Method: Hand Calculator

Technical review of batch file performed by:

Melissa L. Pemberton [signature] 9.15.2011
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Jason H. Sklerov **Date:** 09/15/11

Location: WSP-FLSB; Seattle, Washington **Solution Batch Number:** 11039

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

Comments:

Reviewer Signature: (SKLEROV) **Date:** SEPTEMBER 15, 2011

Reviewer Signature: N/A 9/15/11 **Date:**

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

	Initials	Date
Amanda Black		
Asa Louis	AL	2011 09 14
Brian Capron		
Brianna Peterson	BP	9/14/11
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell	CM	9/15/11
Christopher Johnston	CJ	9.14.11
Dawn Cox	DC	9.15.11
Justin Knoy	JK	9.14.11
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	9.14.11
Sarah Swenson	SMS	9/14/11

Batch # 11039

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 11039

I, Brianna Peterson, 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 degree in Forensic Science, Ph.D. degree in Toxicology, and five years of experience in forensic toxicology.

The external standard solution, Lot Number 11039, was prepared in the Washington State Toxicology Laboratory on 9/9/2011. 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 9/9/2012.

Seattle, WA

Brianna Peterson 9/14/11

Brianna Peterson Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11039

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 11039, was prepared in the Washington State Toxicology Laboratory on 9/9/2011. 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 9/9/2012.

Seattle, WA

Justin L. Knoy 9/14/11

Justin L. Knoy — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11039

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, MFS degree in Forensic Science, and over three years experience in forensic toxicology.

The external standard solution, Lot Number 11039, was prepared in the Washington State Toxicology Laboratory on 9/9/2011. 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 9/9/2012.

Seattle, WA

Christie Mitchell 9/15/2011

Christie Mitchell Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11039

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 eight years of experience in forensic toxicology.

The external standard solution, Lot Number 11039, was prepared in the Washington State Toxicology Laboratory on 9/9/2011. 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 9/9/2012.

Seattle, WA

9/14/11

Sarah M. Swenson — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11039

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

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

I possess the following qualifications: BS in Forensic Chemistry.

The external standard solution, Lot Number 11039, was prepared in the Washington State Toxicology Laboratory on 9/9/2011. 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 9/9/2012.

Seattle, WA

Dawn Cox 9.15.11

Dawn Cox Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11039

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

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

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

The external standard solution, Lot Number 11039, was prepared in the Washington State Toxicology Laboratory on 9/9/2011. 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 9/9/2012.

Seattle, WA

20110914

Asa J. Louis — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11039

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 11039, was prepared in the Washington State Toxicology Laboratory on 9/9/2011. 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 9/9/2012.

Seattle, WA

9/14/11

Christopher S. Johnston — Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11039

I, Rebecca Flaherty, 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 degrees in Biochemistry and Psychobiology and MS degree in Forensic Science.

The external standard solution, Lot Number 11039, was prepared in the Washington State Toxicology Laboratory on 9/9/2011. 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 9/9/2012.

Seattle, WA

9.14.11

Rebecca Flaherty — Date

Forensic Toxicologist

Sequence Parameters:

Operator:	Brianna Peterson
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110909BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A075264 exp 10/2014
0.10 Control Lot#A075806 exp 11/2014
0.20 Control Lot#A076521 exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		
10	Vial 10	11039 #1	SIMALC1	1	Sample		
11	Vial 11	11039 #2	SIMALC1	1	Sample		
12	Vial 12	11039 #3	SIMALC1	1	Sample		
13	Vial 13	11039 #4	SIMALC1	1	Sample		
14	Vial 14	11039 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - BP	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BP	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

BP

= 11039

Sequence Table (Back Injector):

No entries - empty table!

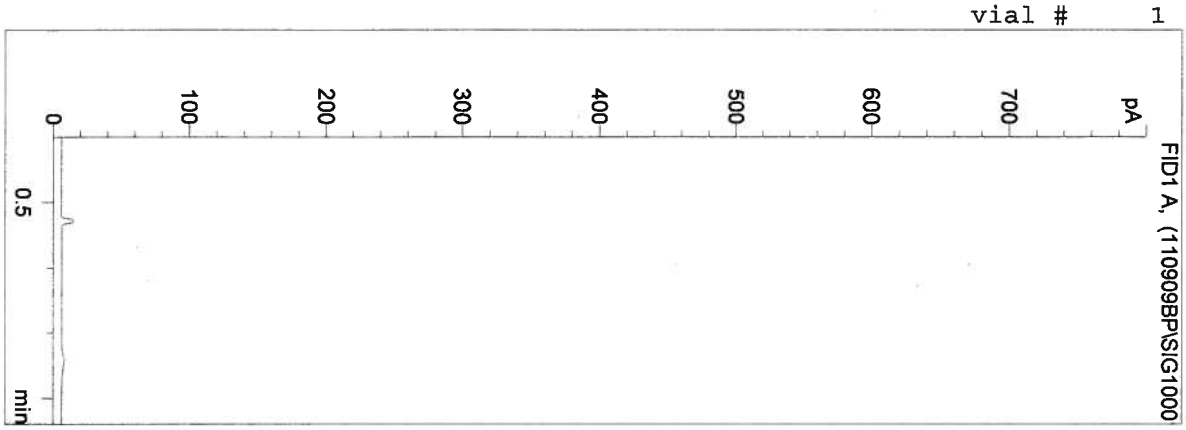
11039 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

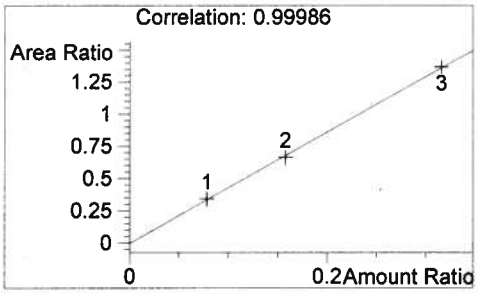
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 12:14:42 PM
Instrument 1
DB-ALC1

blank
Brianna Peterson

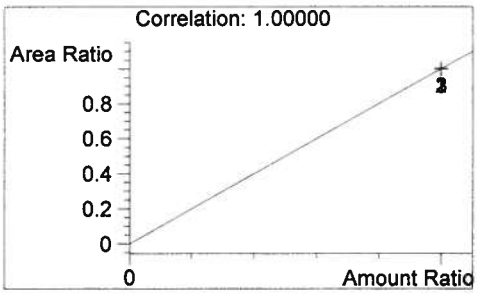
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

BP

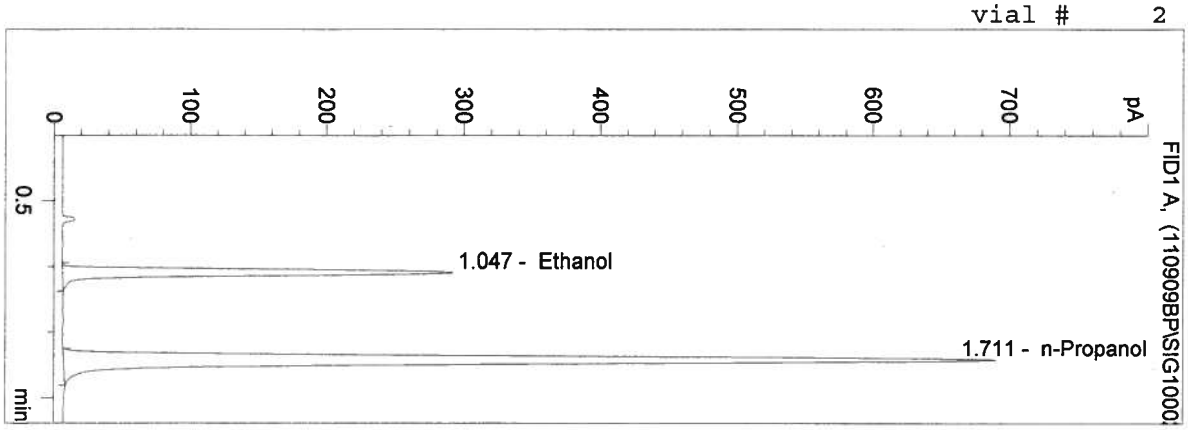
F11039

WASHINGTON STATE TOXICOLOGY LABORATORY

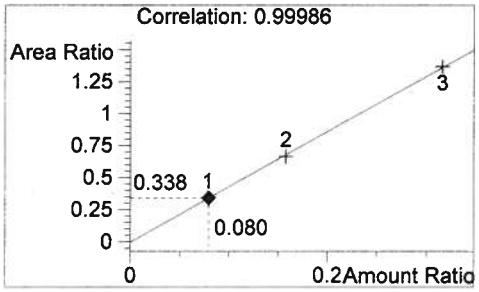
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 12:17:47 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Brianna Peterson

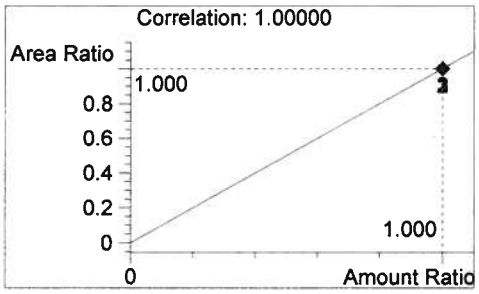
vial # 2



#	Compound	Area	RT
1	Ethanol	935	1.047
2	n-Propanol	2763	1.711
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

11039

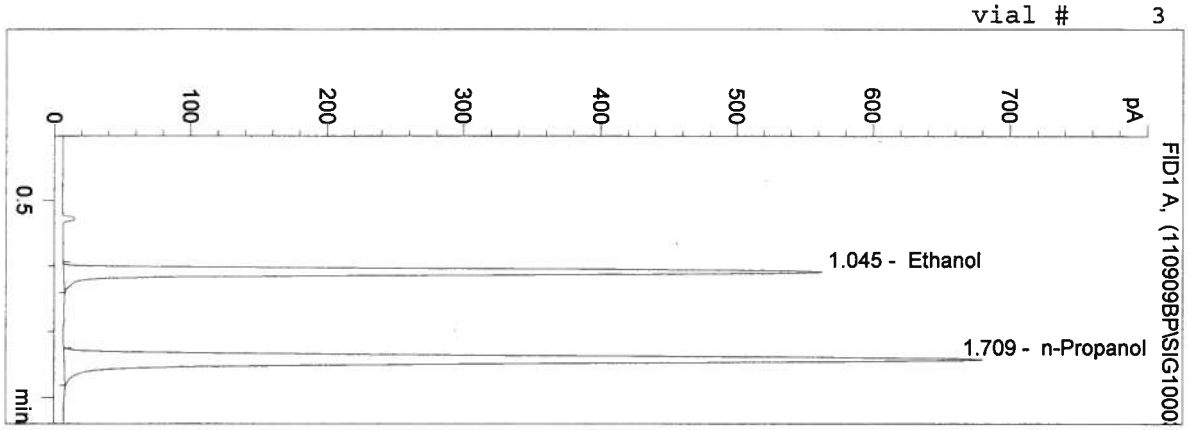
BL

WASHINGTON STATE TOXICOLOGY LABORATORY

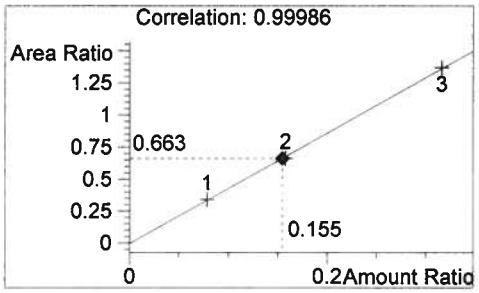
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 12:20:52 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Brianna Peterson

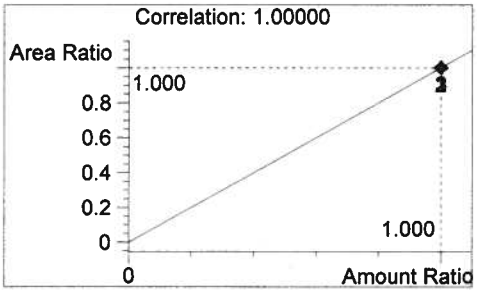
vial # 3



#	Compound	Area	RT
1	Ethanol	1809	1.045
2	n-Propanol	2727	1.709
Tot			



Ethanol 0.155 g/100 mL



n-Propanol 1.000 g/100 mL

11039

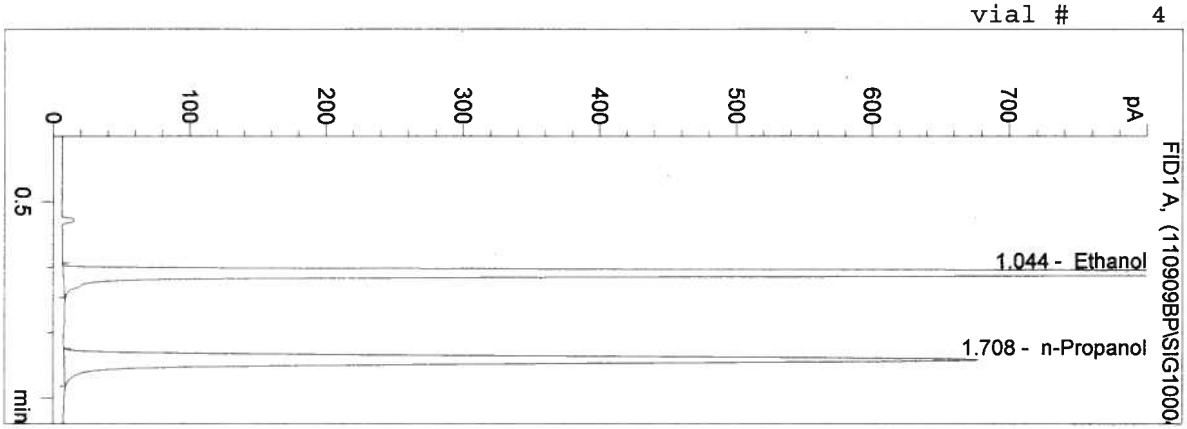
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

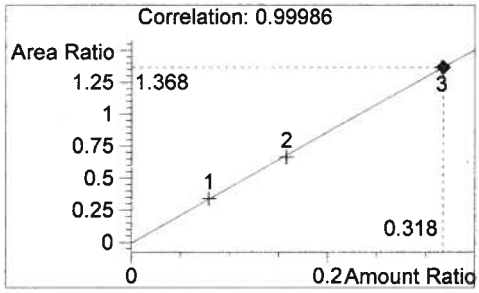
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 12:23:57 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Brianna Peterson

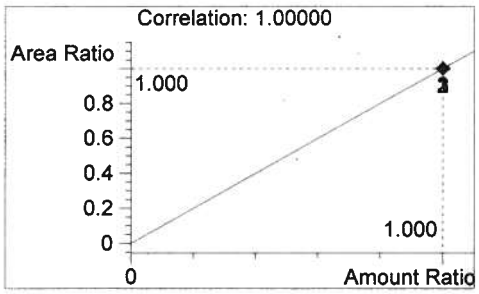
vial # 4



#	Compound	Area	RT
1	Ethanol	3696	1.044
2	n-Propanol	2703	1.708
Tot			



Ethanol 0.318 g/100 mL



n-Propanol 1.000 g/100 mL

11039

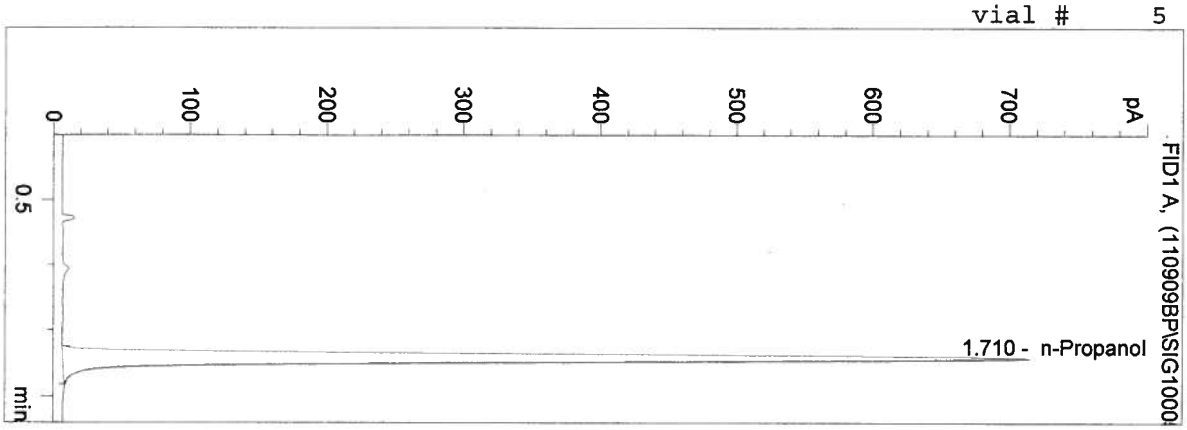
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

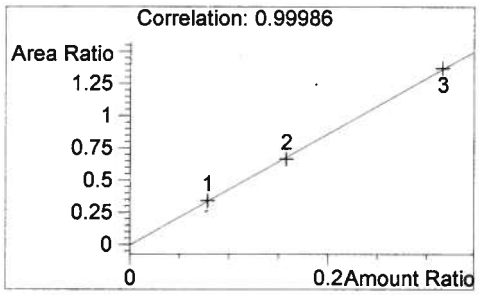
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 12:27:01 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

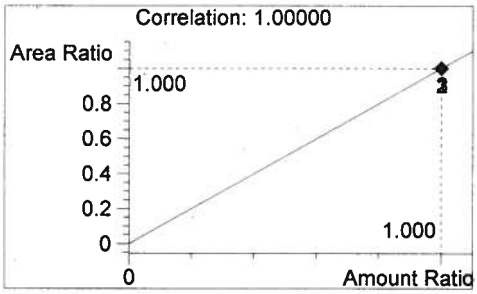
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2863	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

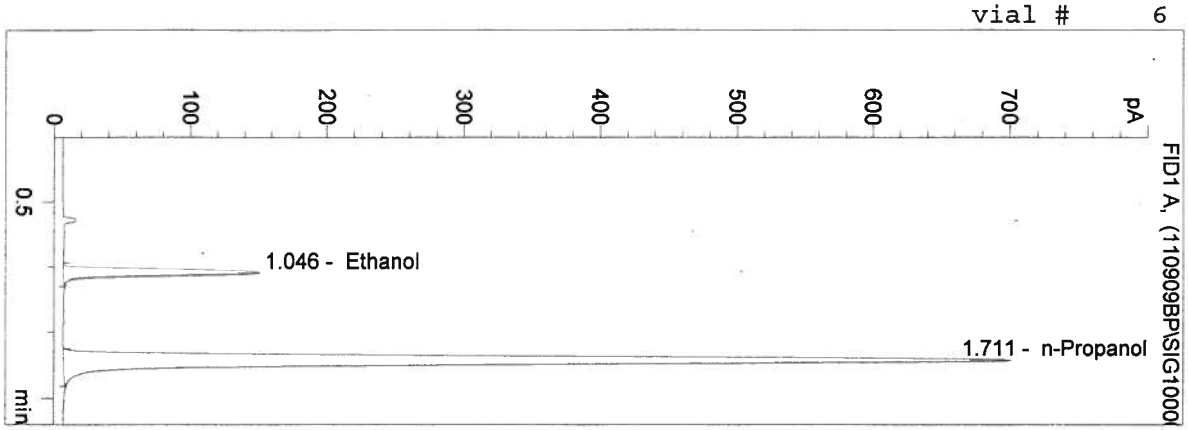
BS

WASHINGTON STATE TOXICOLOGY LABORATORY

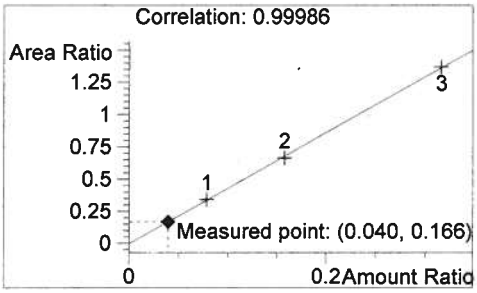
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 12:30:06 PM
Instrument 1
DB-ALC1

0.04 CTRL - BP
Brianna Peterson

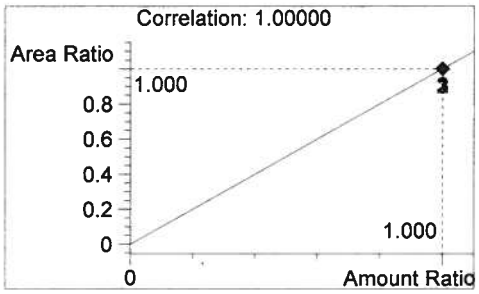
vial # 6



#	Compound	Area	RT
1	Ethanol	467	1.046
2	n-Propanol	2809	1.711
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

11039

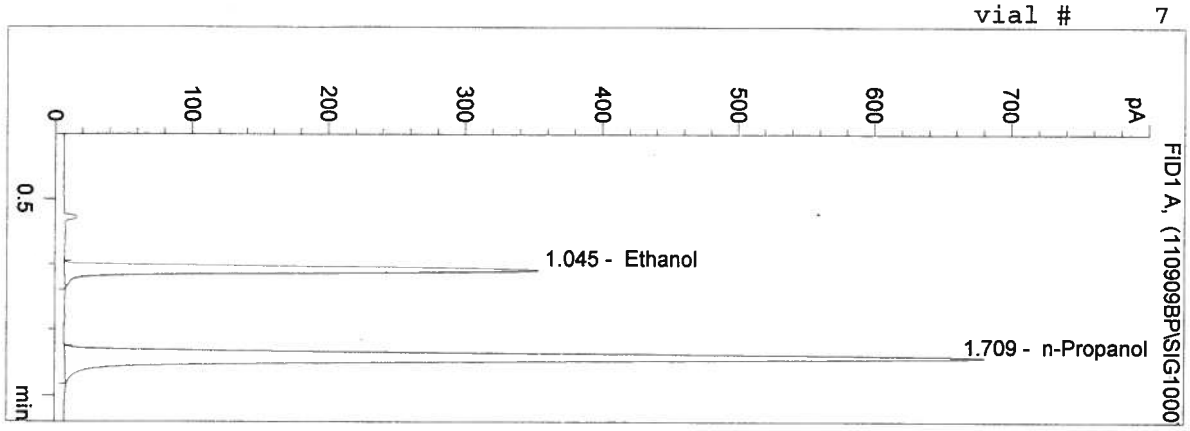
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

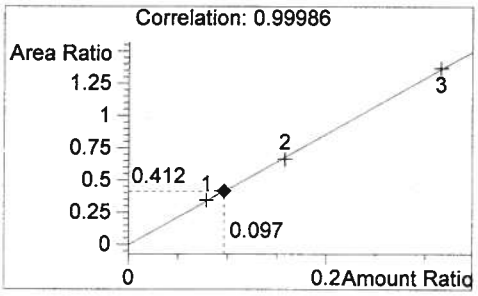
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 12:33:11 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

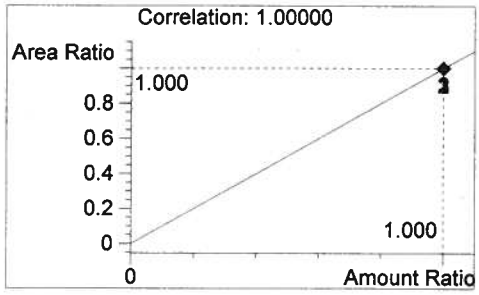
vial # 7



#	Compound	Area	RT
1	Ethanol	1123	1.045
2	n-Propanol	2726	1.709
Tot			



Ethanol 0.097 g/100 mL



n-Propanol 1.000 g/100 mL

11039

BL

WASHINGTON STATE TOXICOLOGY LABORATORY

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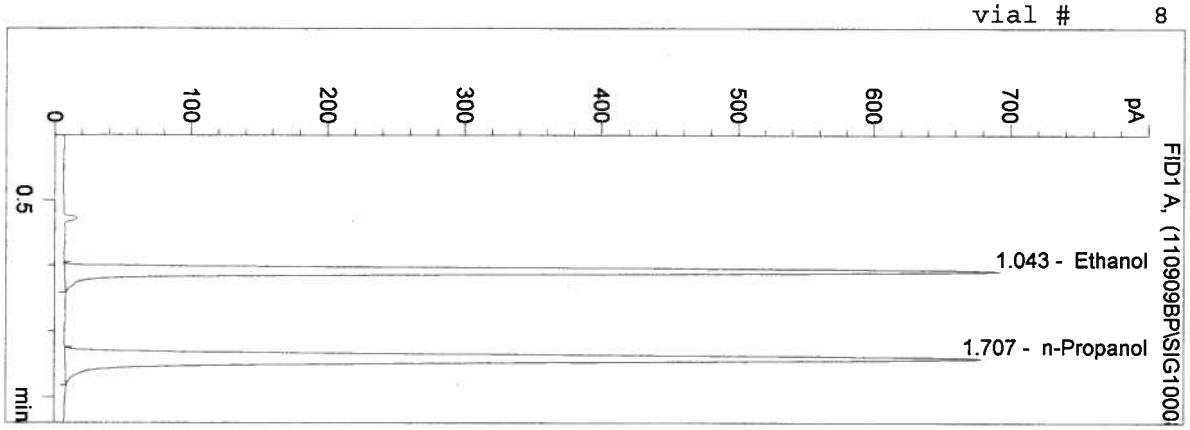
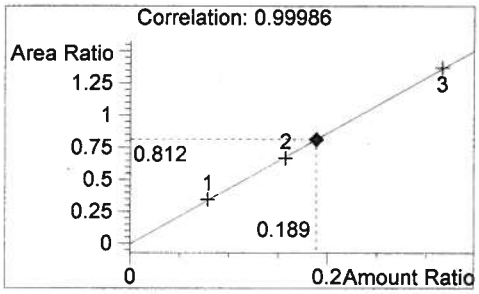
9/9/2011 12:36:16 PM
Instrument 1
DB-ALC1

0.20 CTRL - BP
Brianna Peterson

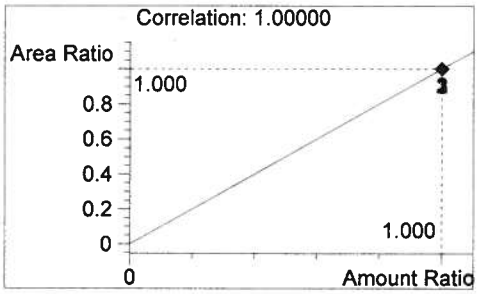
vial # 8



#	Compound	Area	RT
1	Ethanol	2205	1.043
2	n-Propanol	2716	1.707
Tot			



Ethanol 0.189 g/100 mL



n-Propanol 1.000 g/100 mL

11039

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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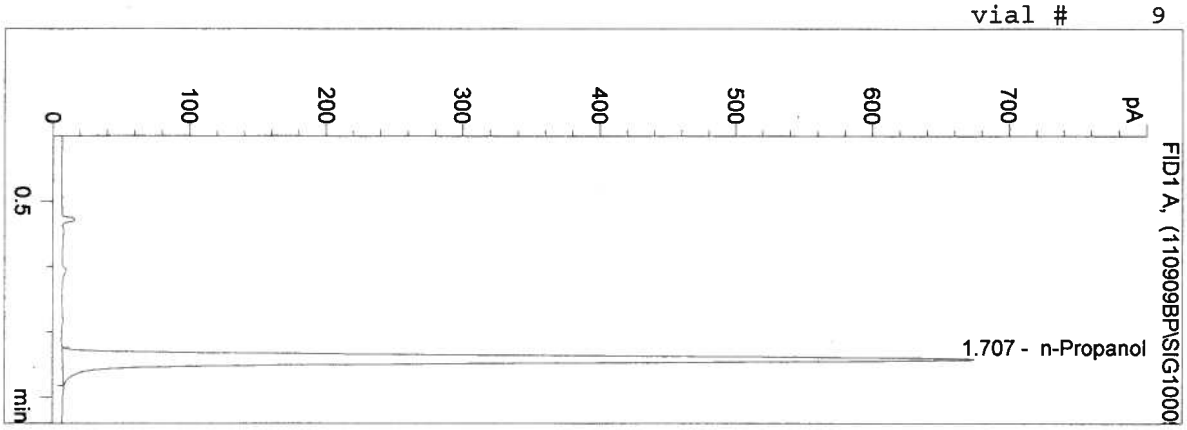
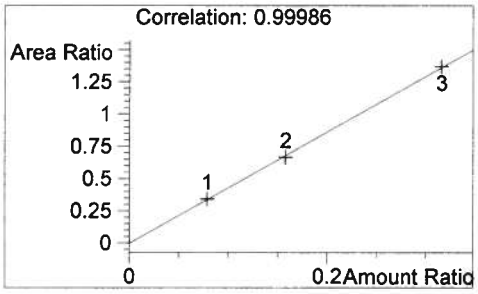
9/9/2011 12:39:20 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

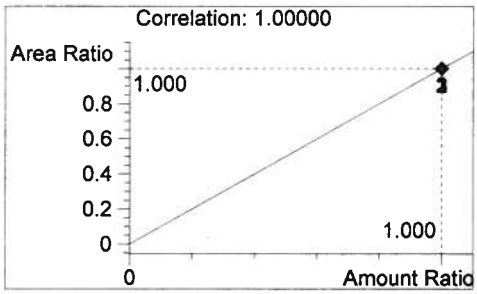
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2696	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

BS

WASHINGTON STATE TOXICOLOGY LABORATORY

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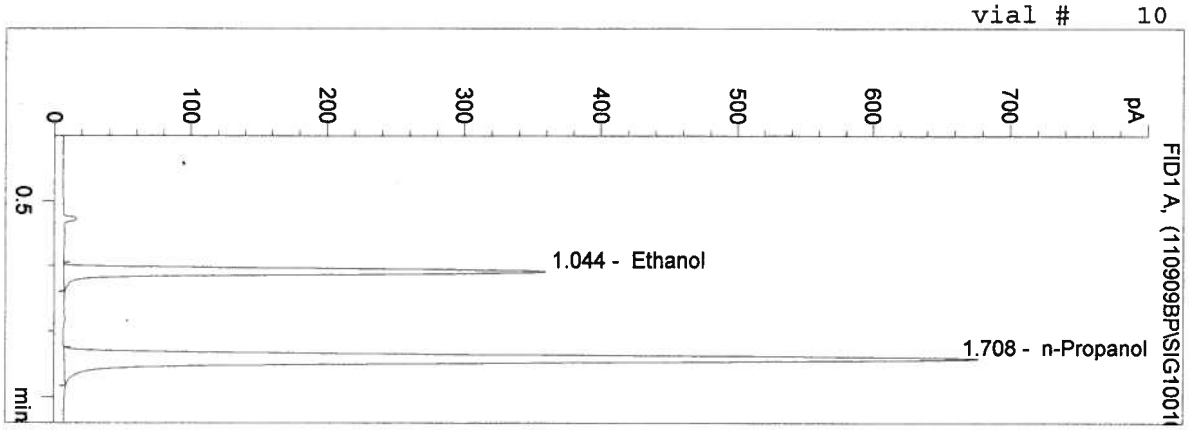
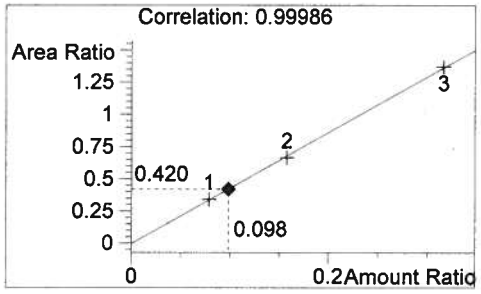
9/9/2011 12:42:25 PM
Instrument 1
DB-ALC1

11039 #1
Brianna Peterson

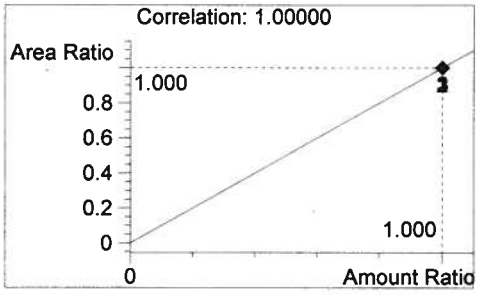
vial # 10



#	Compound	Area	RT
1	Ethanol	1139	1.044
2	n-Propanol	2713	1.708
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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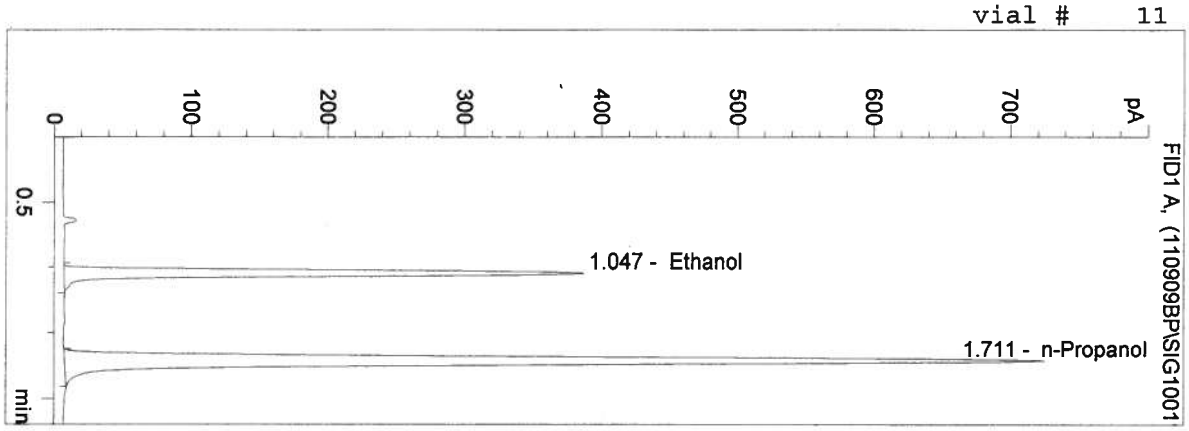
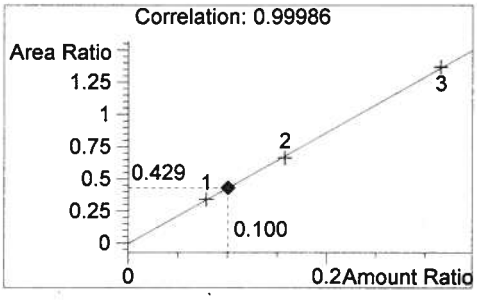
9/9/2011 12:45:30 PM
Instrument 1
DB-ALC1

11039 #2
Brianna Peterson

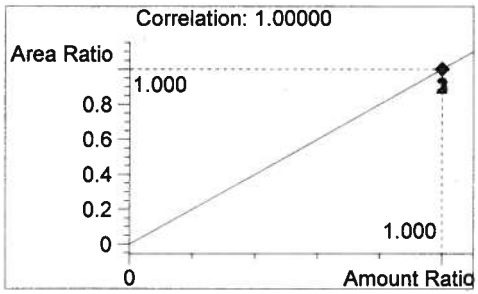
vial # 11



#	Compound	Area	RT
1	Ethanol	1250	1.047
2	n-Propanol	2913	1.711
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

BS

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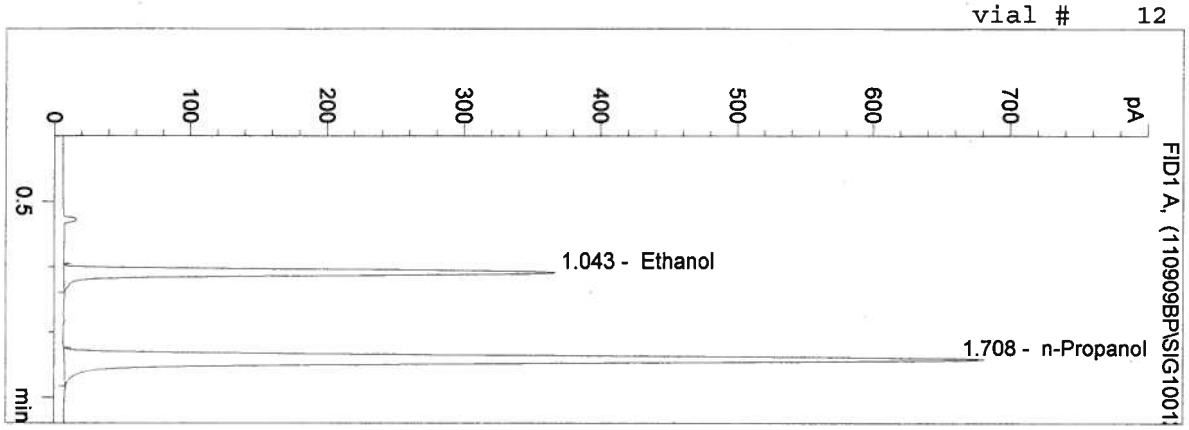
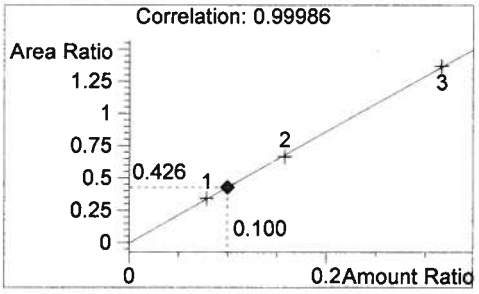
Instrument 1
DB-ALC1

11039 #3
Brianna Peterson

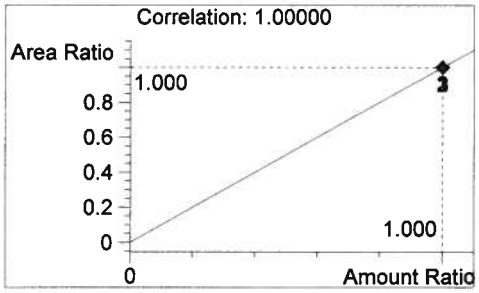
vial # 12



#	Compound	Area	RT
1	Ethanol	1164	1.043
2	n-Propanol	2728	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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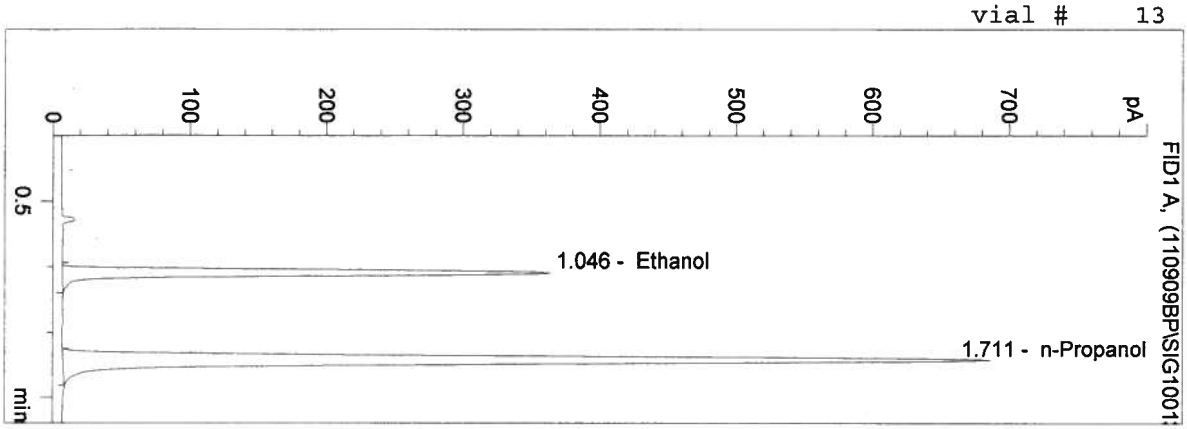
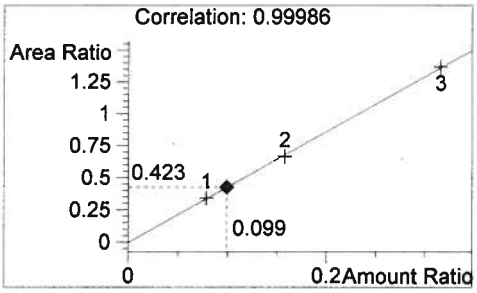
9/9/2011 12:51:40 PM
Instrument 1
DB-ALC1

11039 #4
Brianna Peterson

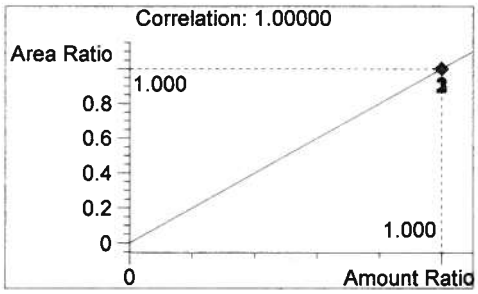
vial # 13



#	Compound	Area	RT
1	Ethanol	1165	1.046
2	n-Propanol	2753	1.711
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

BB

WASHINGTON STATE TOXICOLOGY LABORATORY

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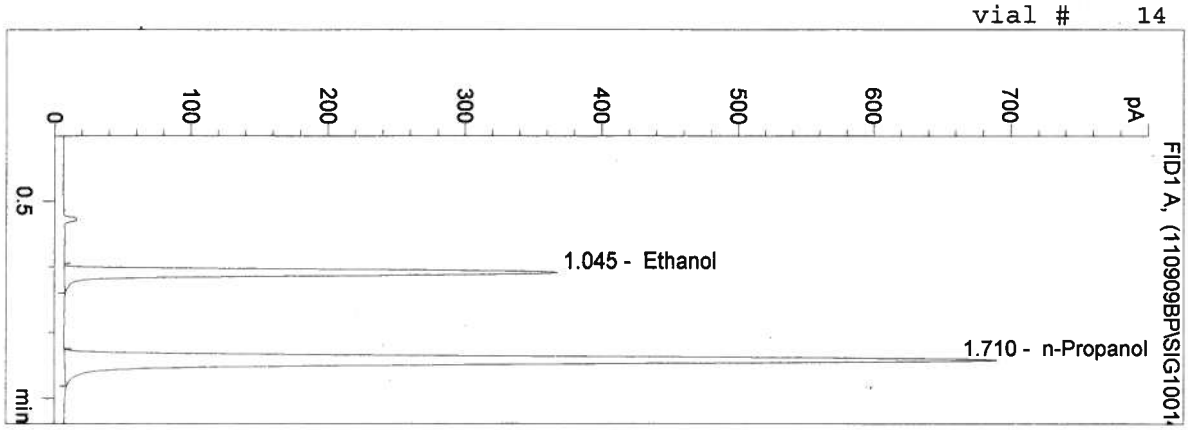
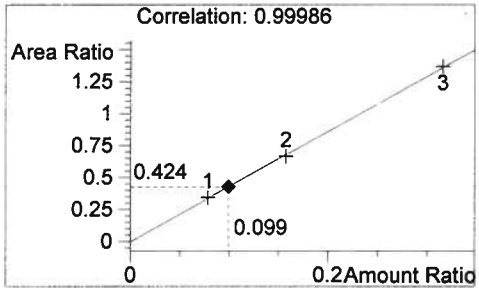
9/9/2011 12:54:44 PM
Instrument 1
DB-ALC1

11039 #5
Brianna Peterson

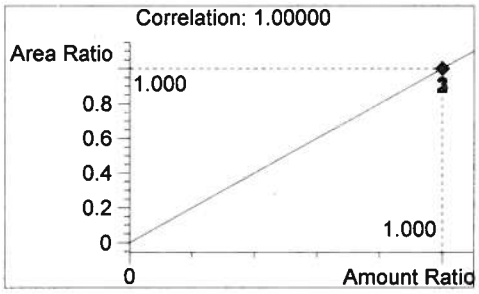
vial # 14



#	Compound	Area	RT
1	Ethanol	1174	1.045
2	n-Propanol	2768	1.710
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

BP

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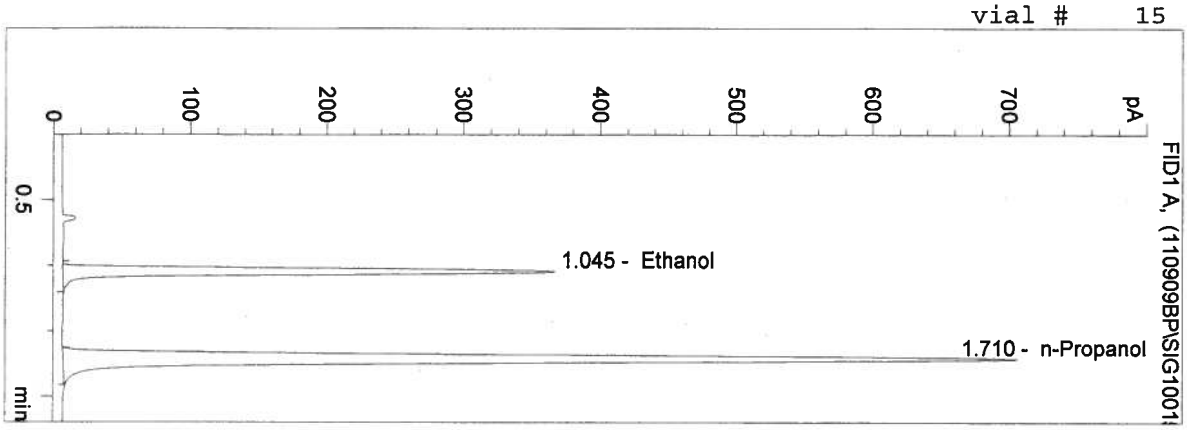
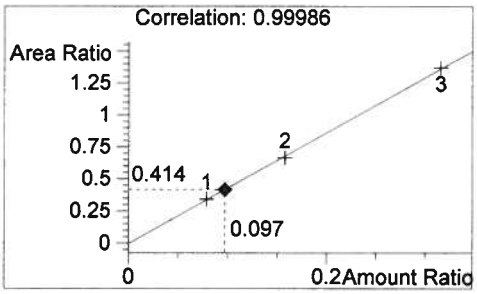
9/9/2011 12:57:49 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

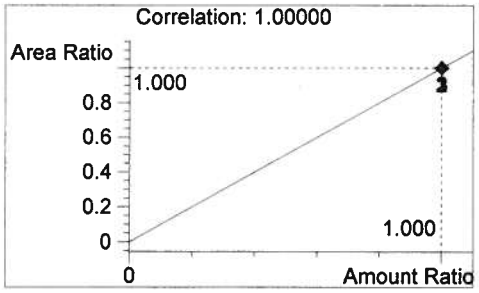
vial # 15



#	Compound	Area	RT
1	Ethanol	1174	1.045
2	n-Propanol	2834	1.710
Tot			



Ethanol 0.097 g/100 mL



n-Propanol 1.000 g/100 mL

11039

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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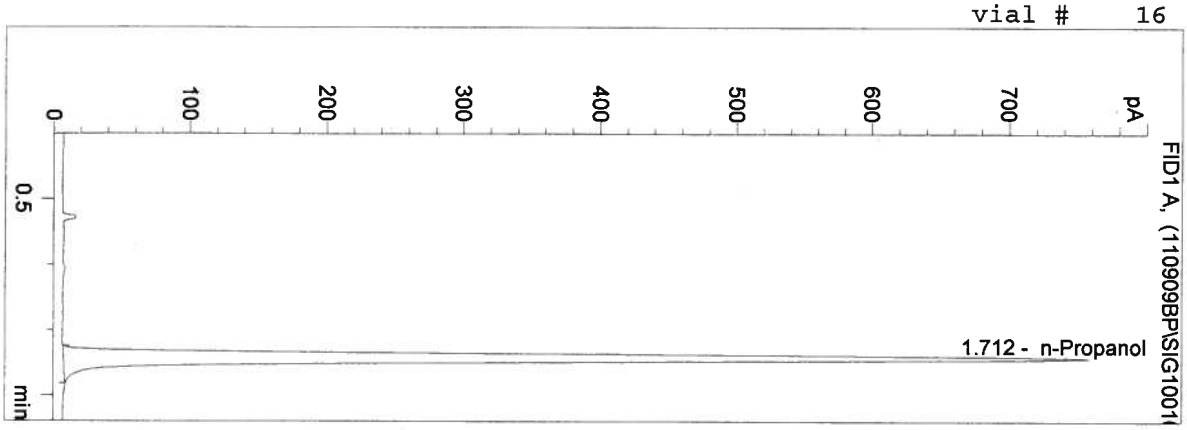
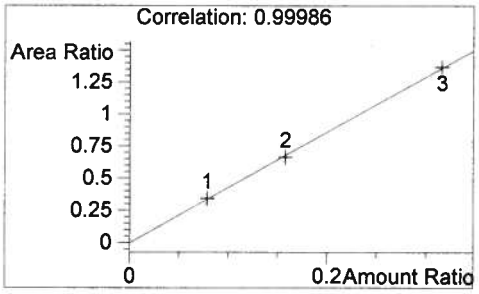
9/9/2011 1:00:54 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

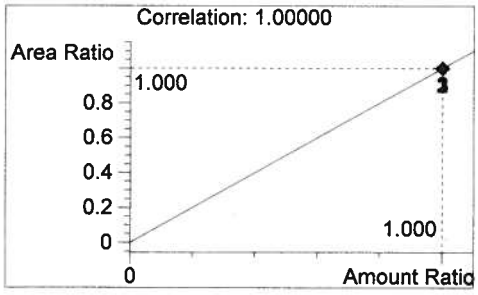
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3051	1.712
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

BP

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\1\DATA\
Data Subdirectory:	110909JK
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot #A075264 - Exp. 10/2014
0.10 Control - Lot #A075806 - Exp. 11/2014
0.20 Control - Lot #A076521 - Exp. 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC1	1	Ctrl Samp		
10	Vial 10	11039-1	SIMALC1	1	Sample		
11	Vial 11	11039-2	SIMALC1	1	Sample		
12	Vial 12	11039-3	SIMALC1	1	Sample		
13	Vial 13	11039-4	SIMALC1	1	Sample		
14	Vial 14	11039-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL	SIMALC1	3	Replace	Replace	

11039

Sequence Table (Back Injector):

No entries - empty table!

JK

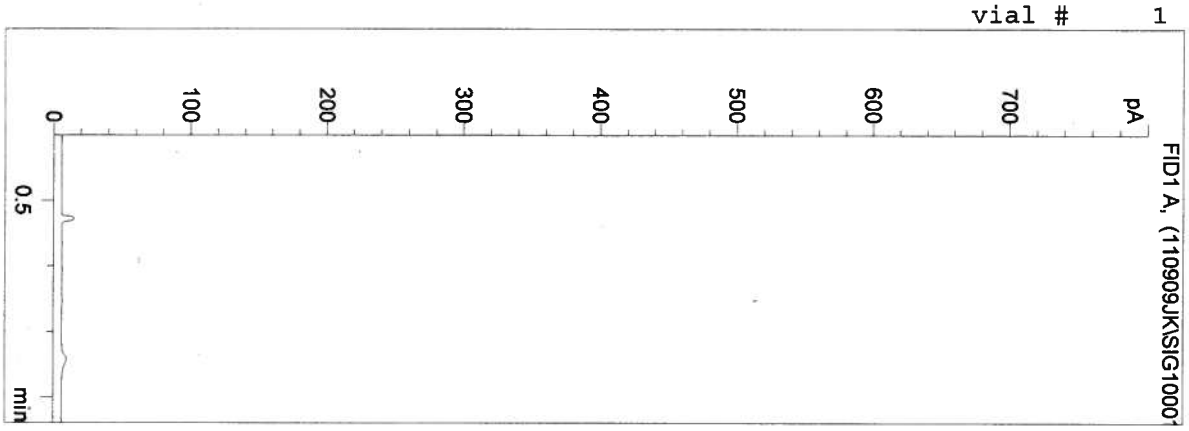
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

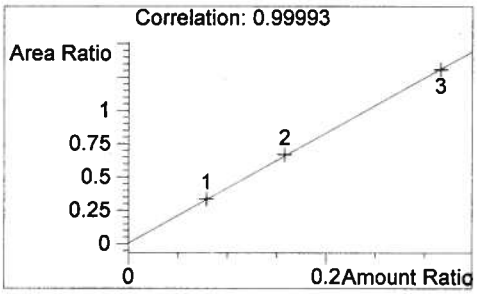
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 3:59:00 PM
Instrument 1
DB-ALC1

BLANK
Justin Knoy

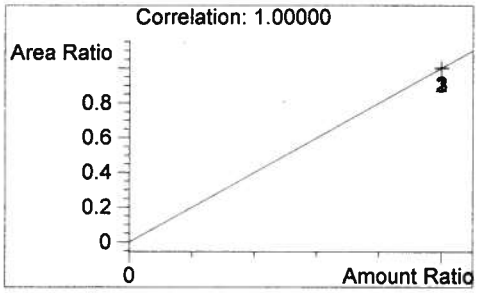
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

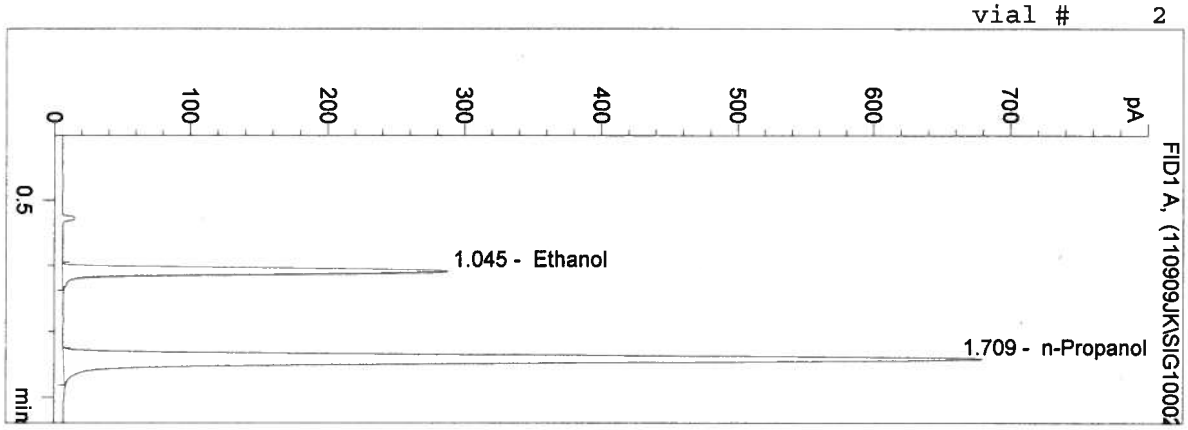
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

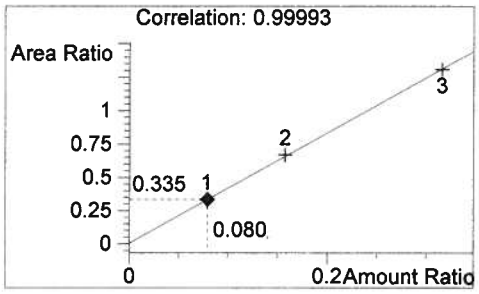
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 4:02:04 PM
Instrument 1
DB-ALC1

0.079 CAL
Justin Knoy

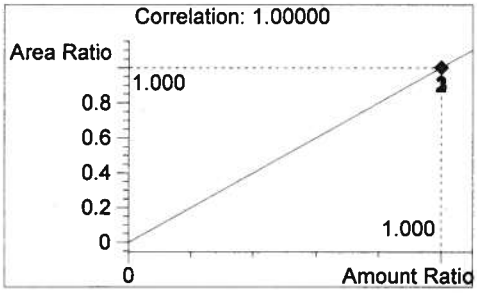
vial # 2



#	Compound	Area	RT
1	Ethanol	911	1.045
2	n-Propanol	2721	1.709
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

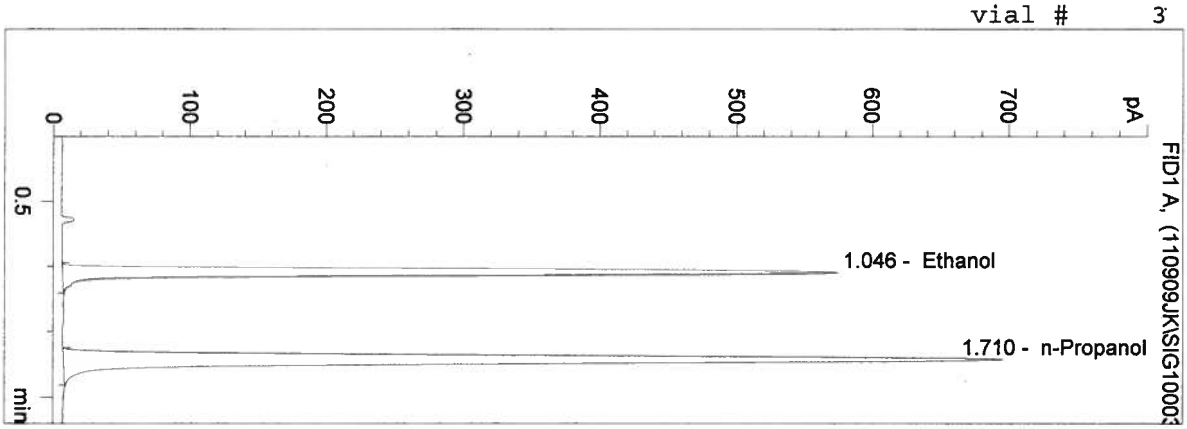
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

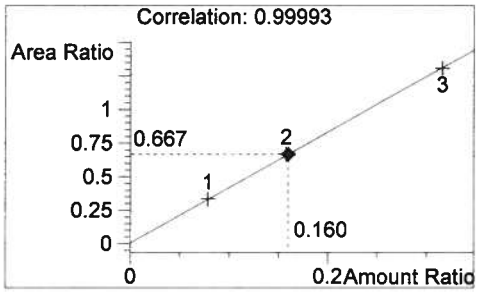
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 4:05:09 PM
Instrument 1
DB-ALC1

0.158 CAL
Justin Knoy

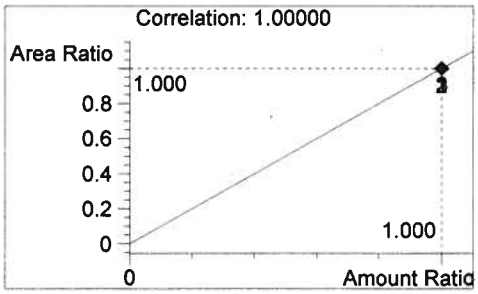
vial # 3



#	Compound	Area	RT
1	Ethanol	1862	1.046
2	n-Propanol	2792	1.710
Tot			



Ethanol 0.160 g/100 mL



n-Propanol 1.000 g/100 mL

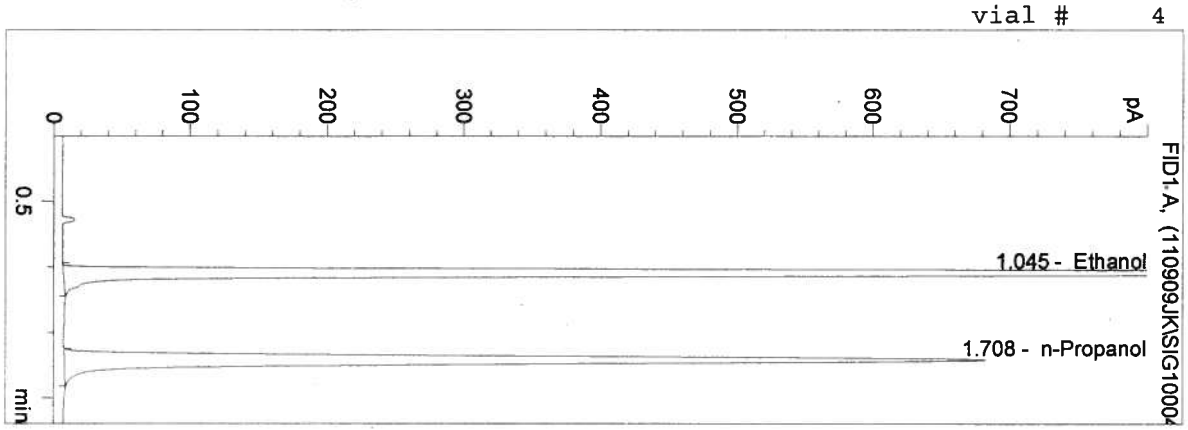
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

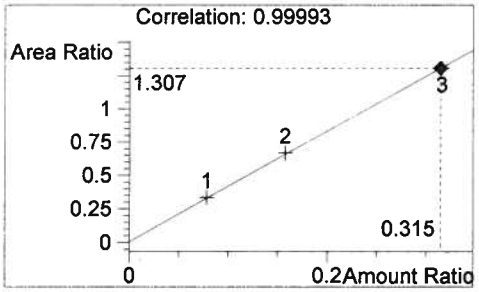
C:\HPCHEM\1\METHODS\SIMALC1.M
9/9/2011 4:08:14 PM
Instrument 1
DB-ALC1

0.316 CAL
Justin Knoy

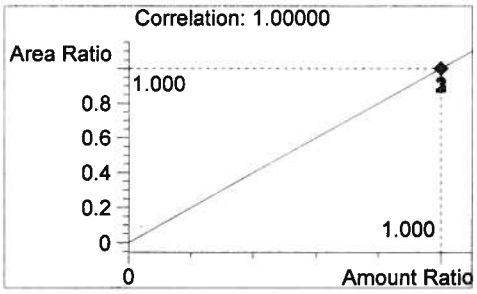
vial # 4



#	Compound	Area	RT
1	Ethanol	3570	1.045
2	n-Propanol	2732	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11039

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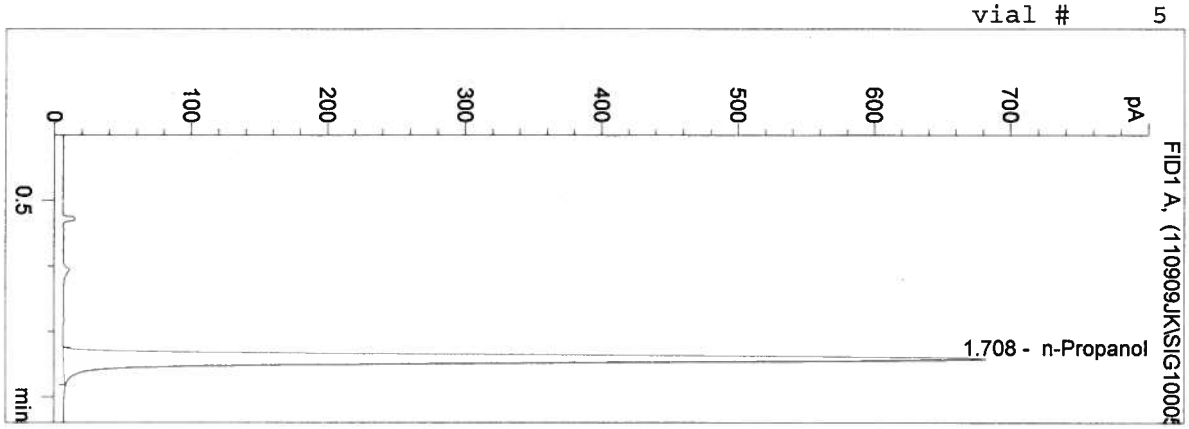
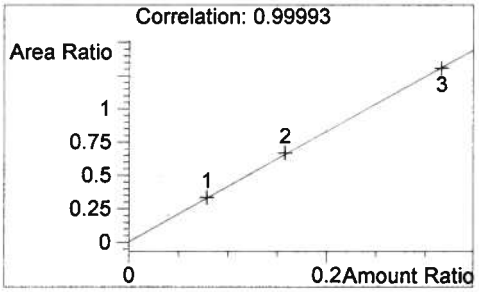
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

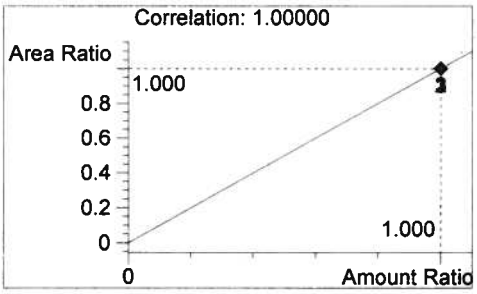
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2732	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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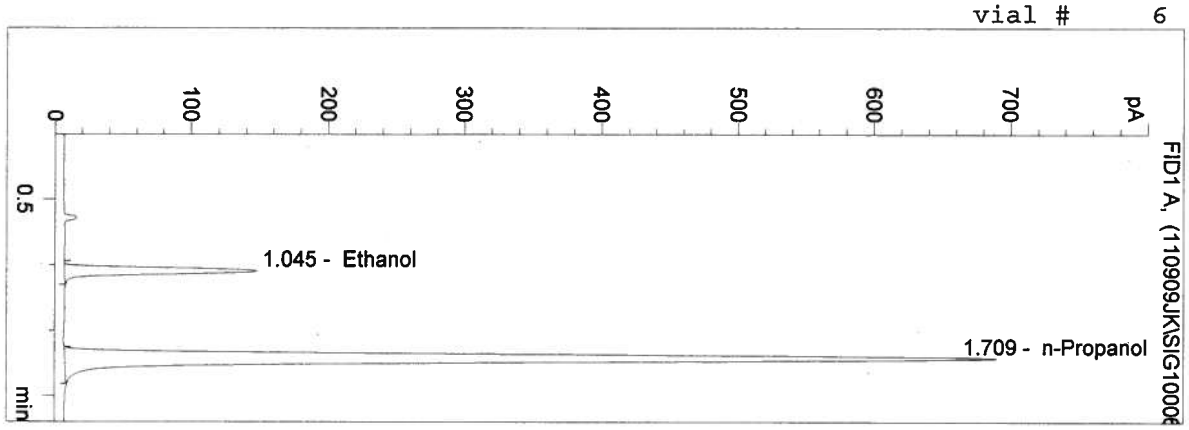
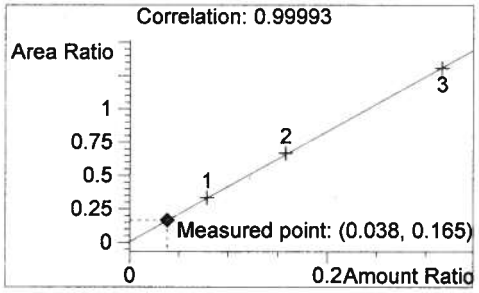
Instrument 1
DB-ALC1

0.04 CTRL JK
Justin Knoy

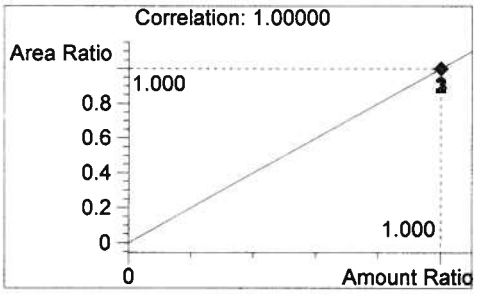
vial # 6



#	Compound	Area	RT
1	Ethanol	457	1.045
2	n-Propanol	2770	1.709
Tot			



Ethanol 0.038 g/100 mL



n-Propanol 1.000 g/100 mL

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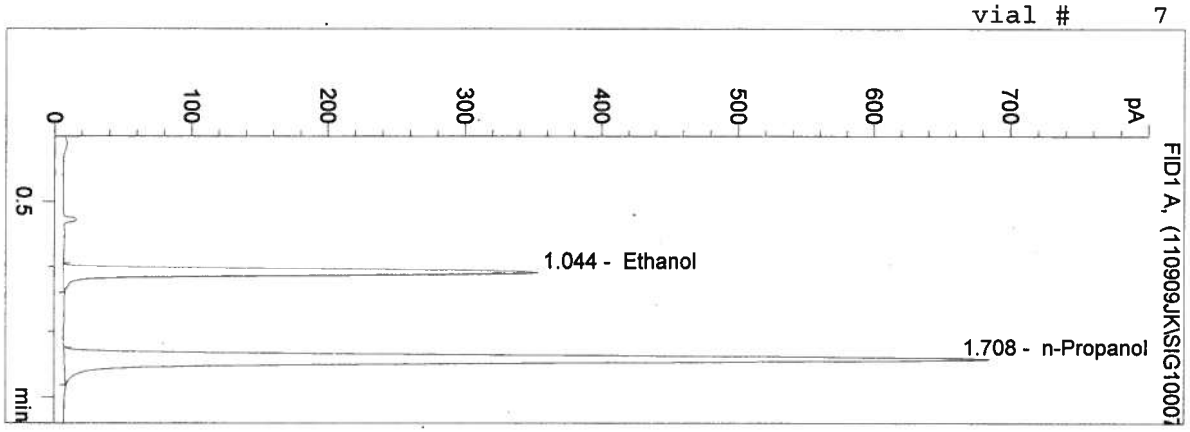
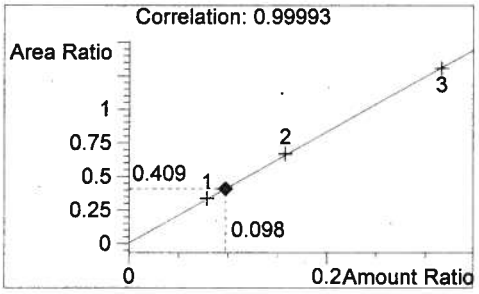
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

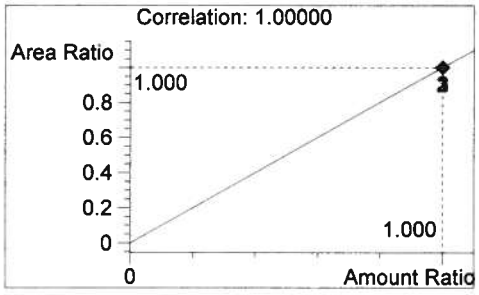
vial # 7



#	Compound	Area	RT
1	Ethanol	1122	1.044
2	n-Propanol	2743	1.708
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

11039

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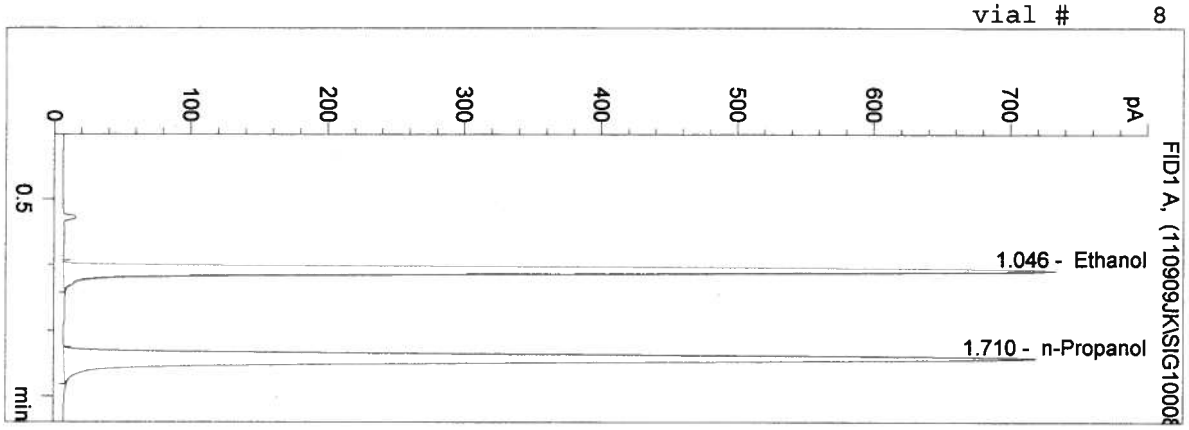
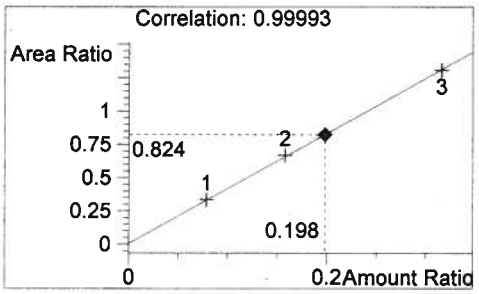
Instrument 1
DB-ALC1

0.20 CTRL JK
Justin Knoy

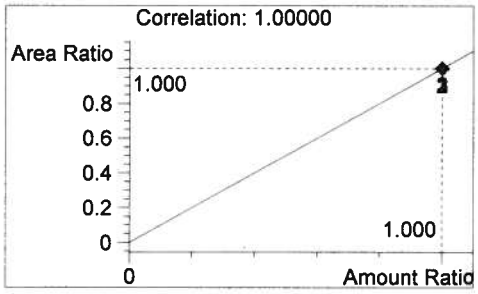
vial # 8



#	Compound	Area	RT
1	Ethanol	2383	1.046
2	n-Propanol	2891	1.710
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

11039

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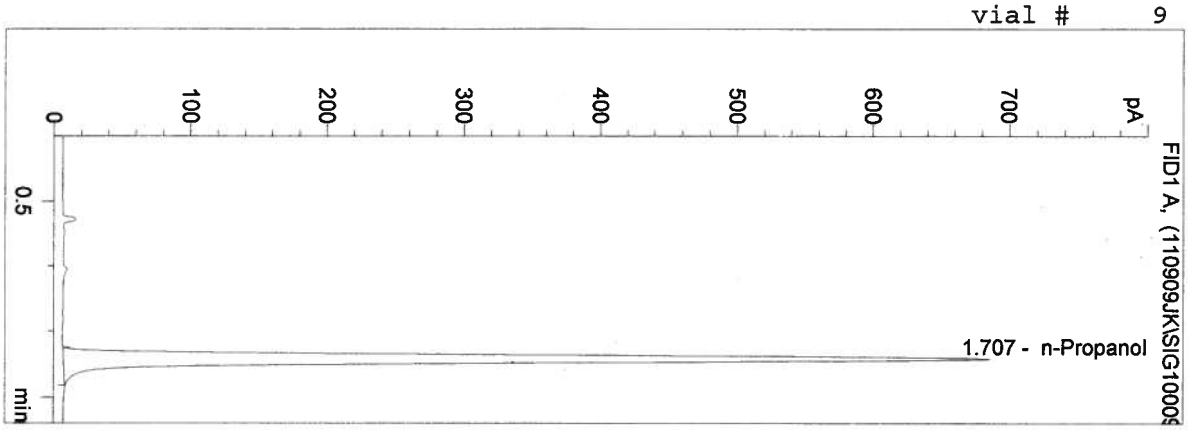
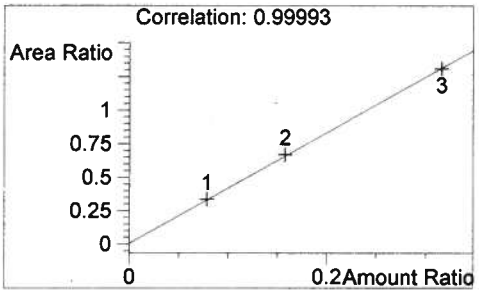
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

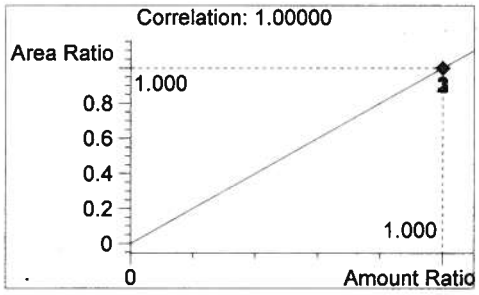
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2744	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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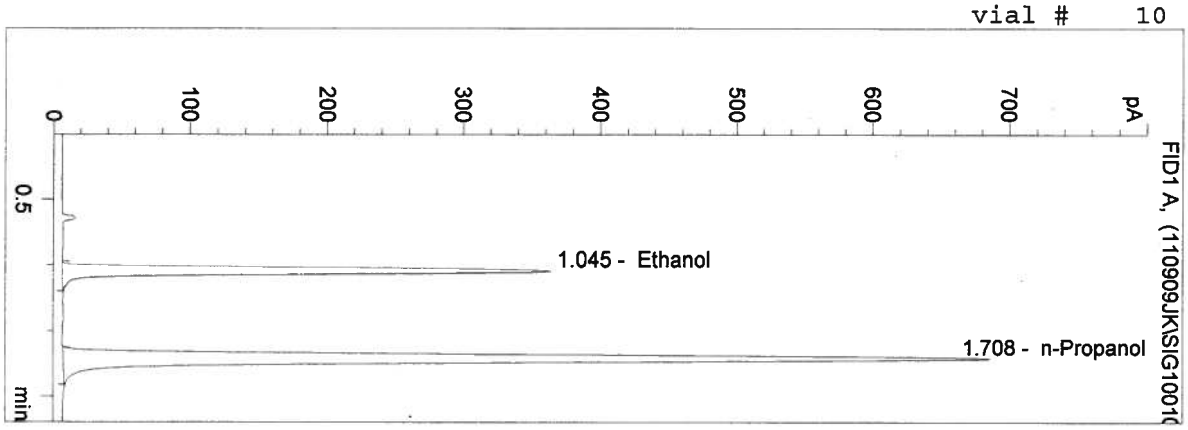
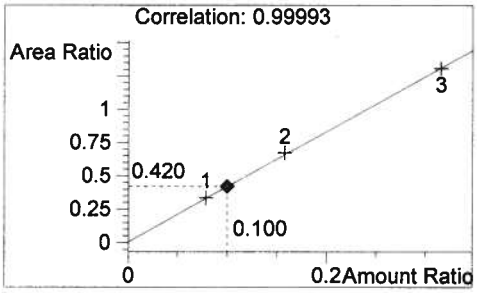
Instrument 1
DB-ALC1

11039-1
Justin Knoy

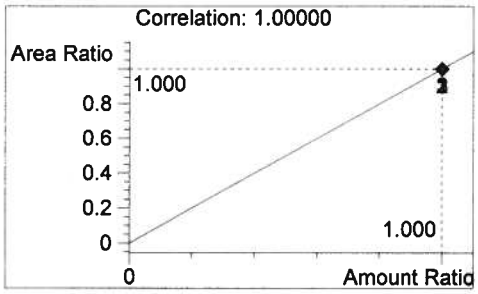
vial # 10



#	Compound	Area	RT
1	Ethanol	1158	1.045
2	n-Propanol	2756	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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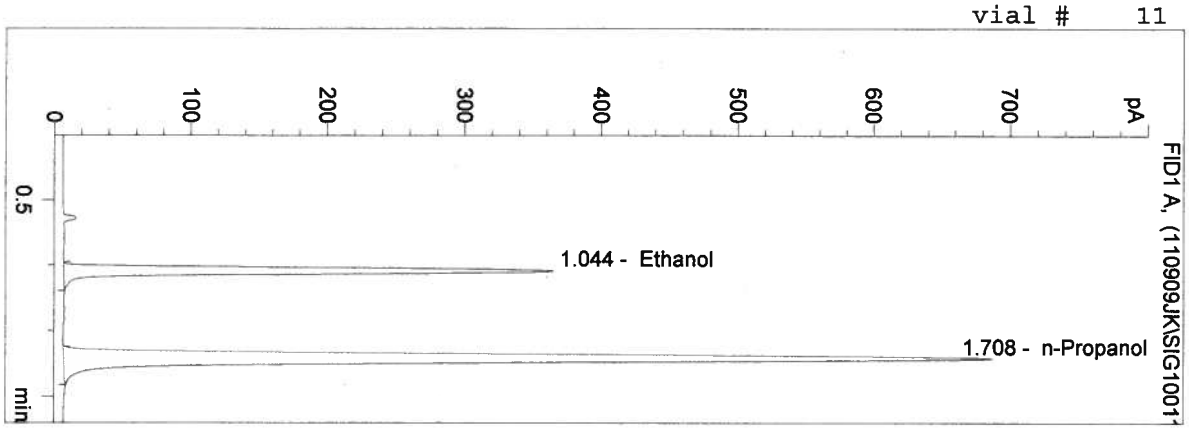
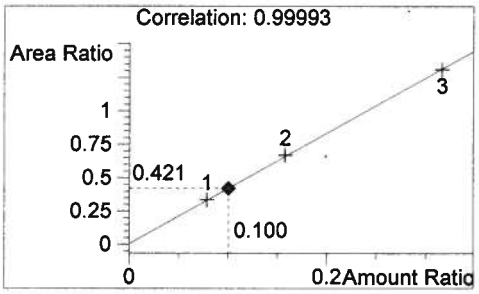
Instrument 1
DB-ALC1

11039-2
Justin Knoy

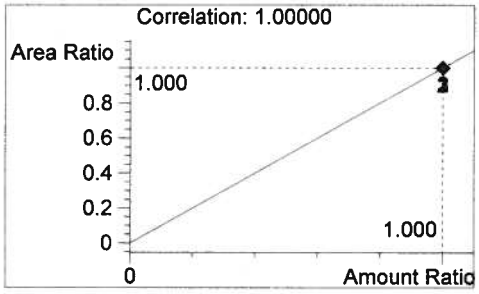
vial # 11



#	Compound	Area	RT
1	Ethanol	1163	1.044
2	n-Propanol	2764	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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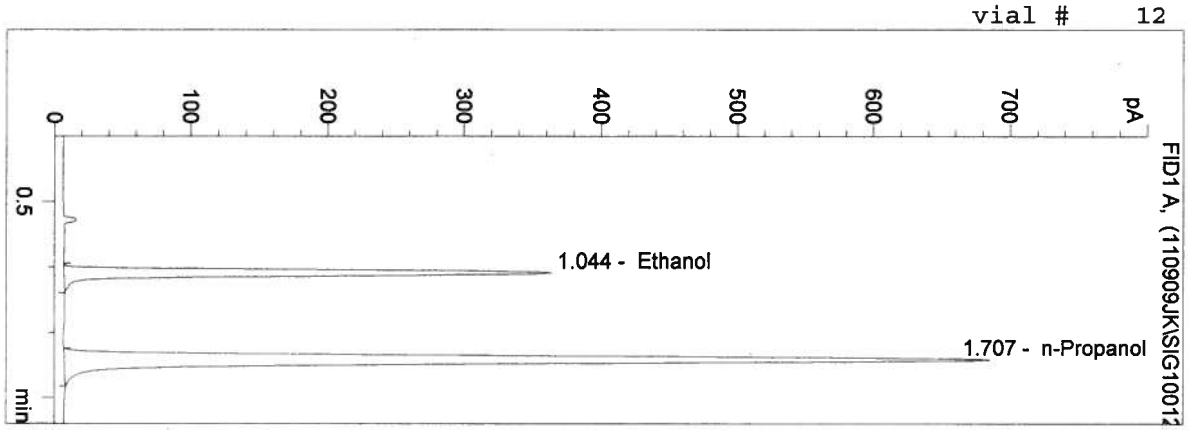
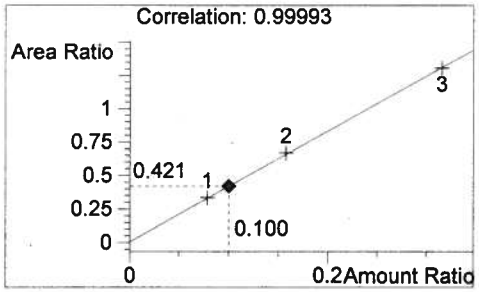
Instrument 1
DB-ALC1

11039-3
Justin Knoy

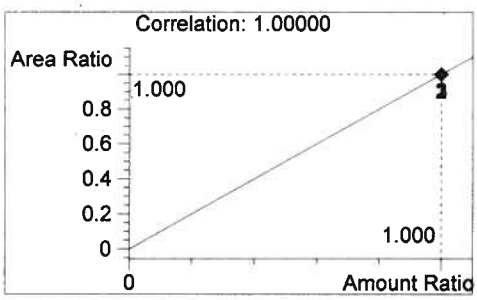
vial # 12



#	Compound	Area	RT
1	Ethanol	1154	1.044
2	n-Propanol	2741	1.707
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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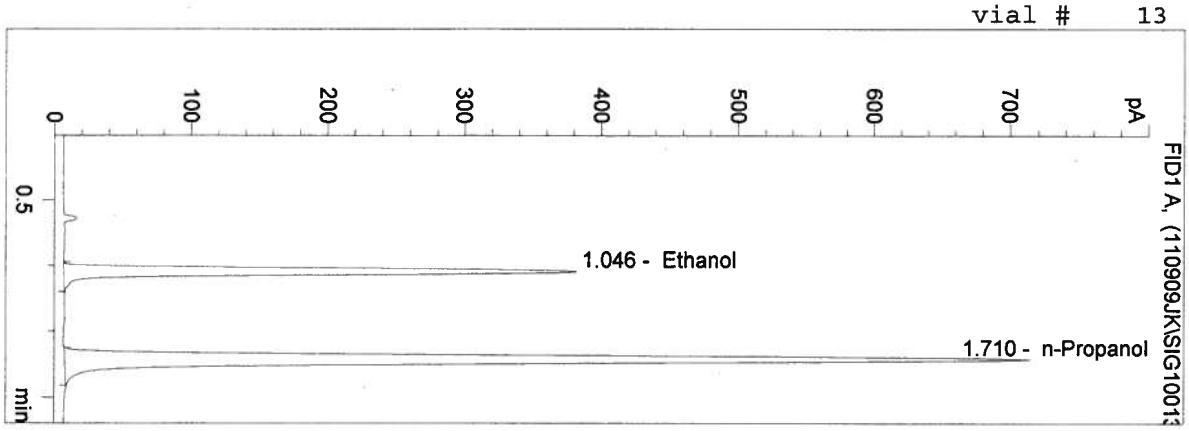
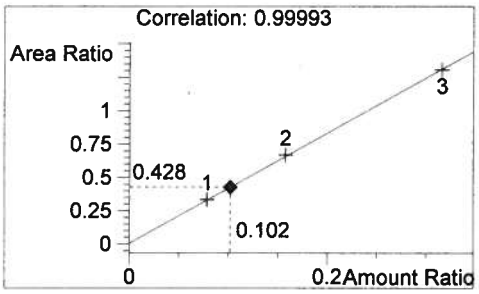
Instrument 1
DB-ALC1

11039-4
Justin Knoy

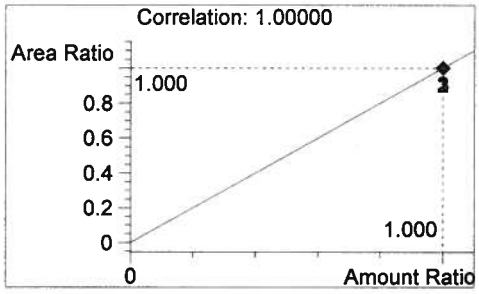
vial # 13



#	Compound	Area	RT
1	Ethanol	1230	1.046
2	n-Propanol	2873	1.710
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

JK

WASHINGTON STATE TOXICOLOGY LABORATORY

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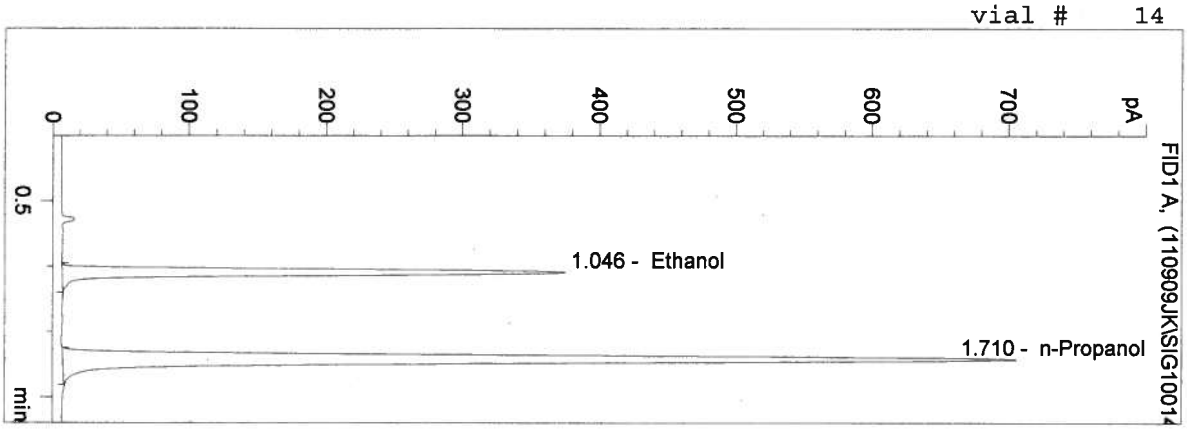
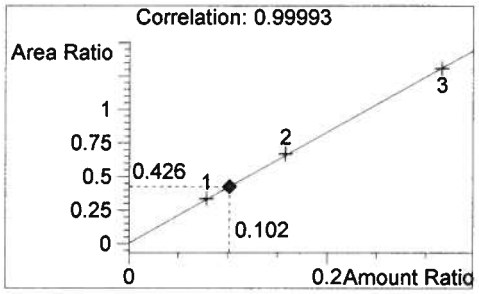
Instrument 1
DB-ALC1

11039-5
Justin Knoy

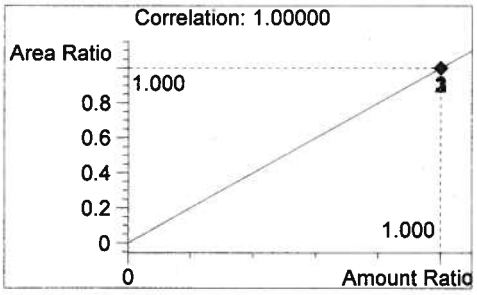
vial # 14



#	Compound	Area	RT
1	Ethanol	1209	1.046
2	n-Propanol	2838	1.710
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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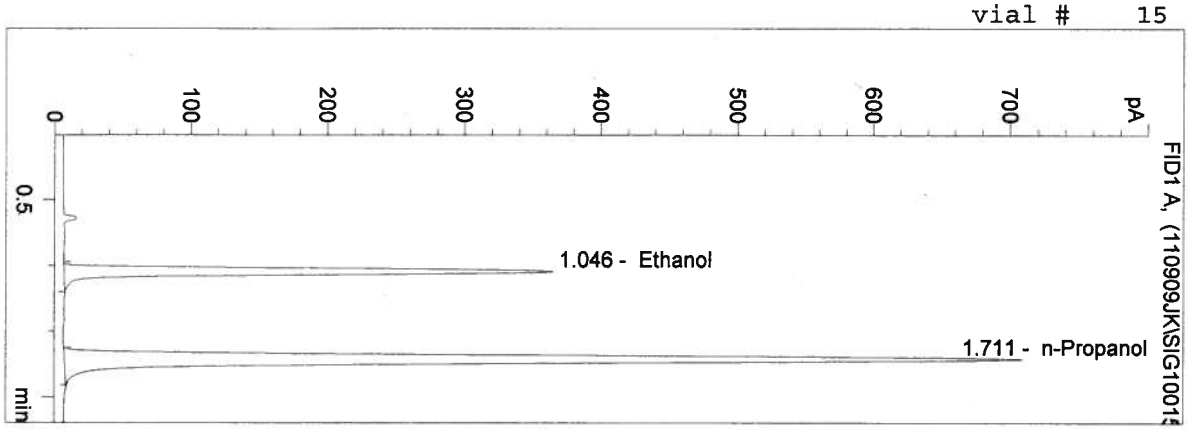
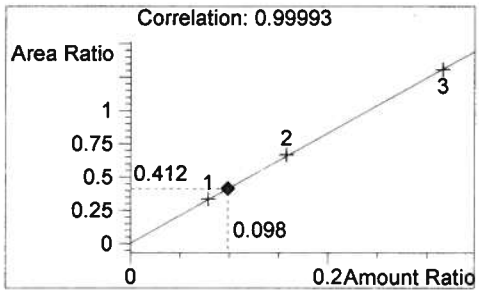
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

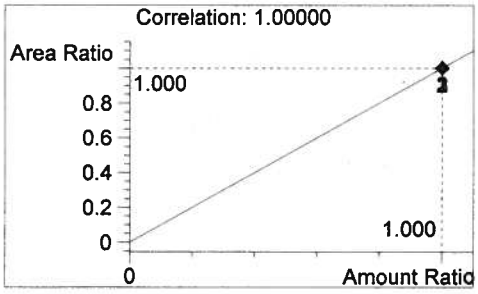
vial # 15



#	Compound	Area	RT
1	Ethanol	1177	1.046
2	n-Propanol	2855	1.711
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

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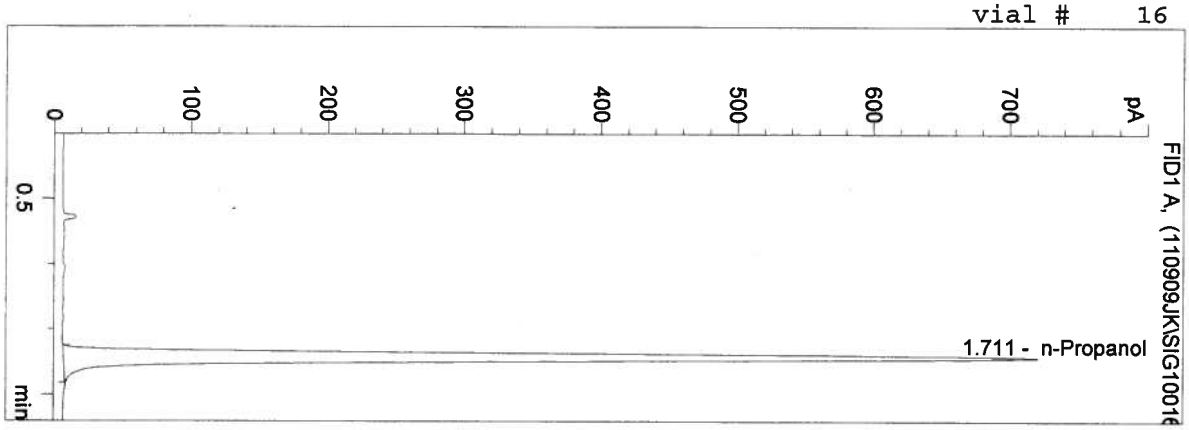
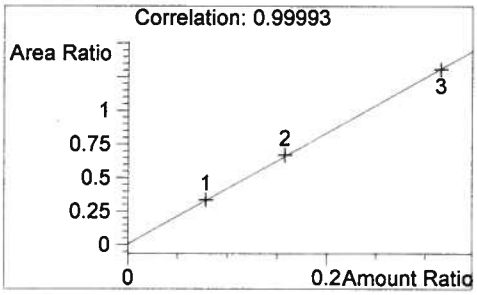
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

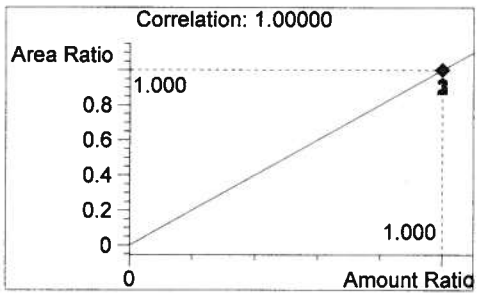
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2898	1.711
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

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\1\DATA\
Data Subdirectory:	110912CM
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# A075264 exp 10/2014
0.10 control lot# A075806 exp 11/2014
0.20 control lot# A076521 exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		
10	Vial 10	11039 #1	SIMALC1	1	Sample		
11	Vial 11	11039 #2	SIMALC1	1	Sample		
12	Vial 12	11039 #3	SIMALC1	1	Sample		
13	Vial 13	11039 #4	SIMALC1	1	Sample		
14	Vial 14	11039 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC1	1	Ctrl Samp		

CM

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL	SIMALC1	3	Replace	Replace	

11039

Sequence Table (Back Injector):

No entries - empty table!

CM

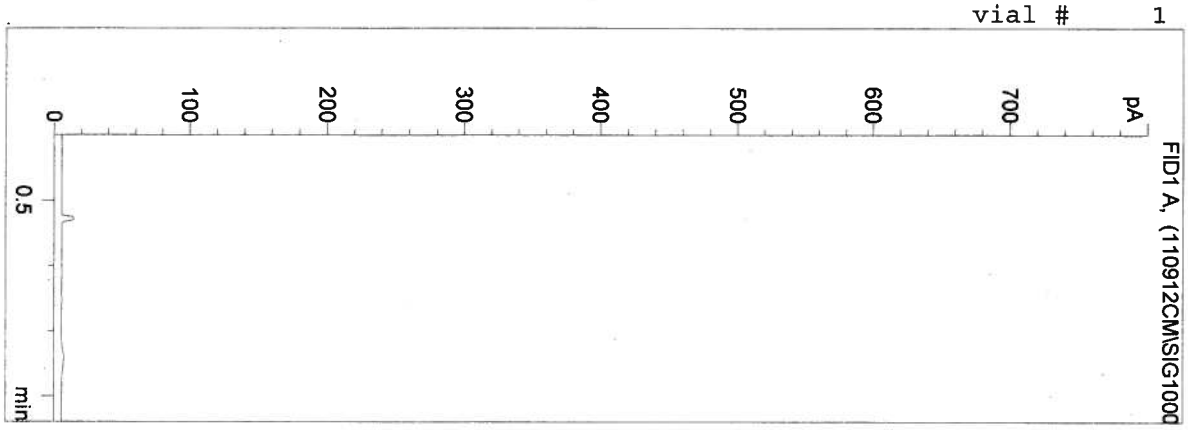
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

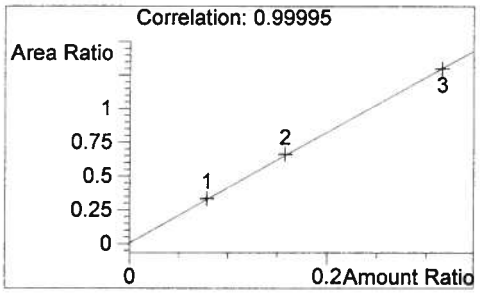
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 8:57:15 AM
Instrument 1
DB-ALC1

BLANK
Christie Mitchell

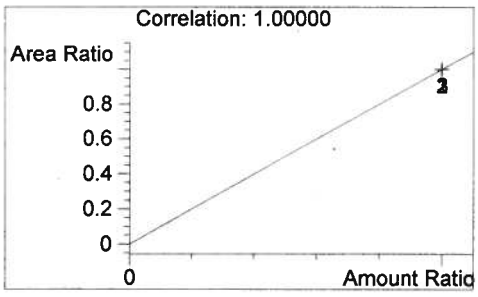
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

CM

11039

WASHINGTON STATE TOXICOLOGY LABORATORY

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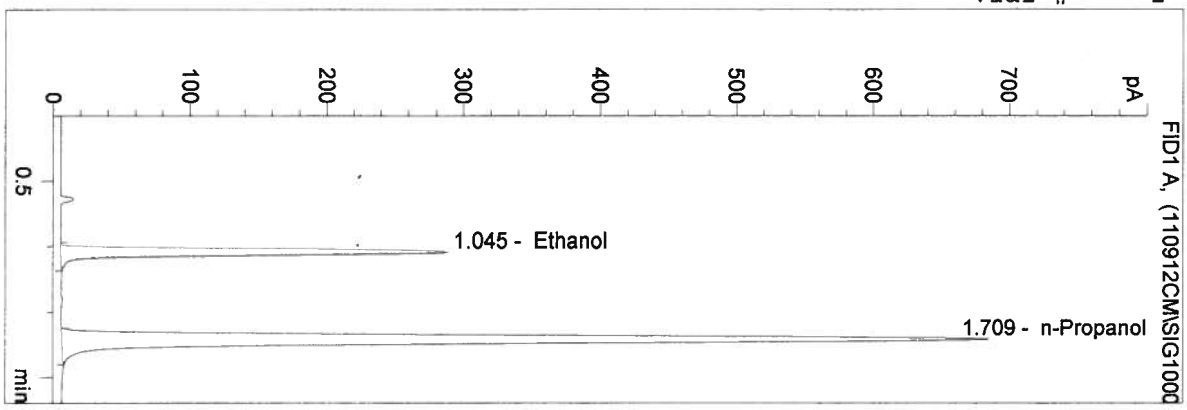
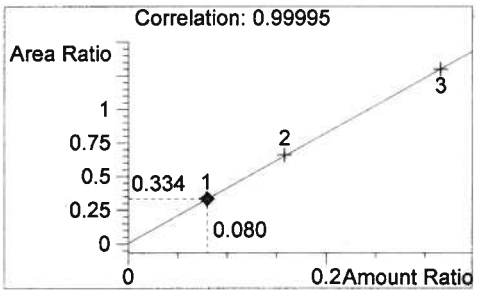
9/12/2011 9:00:20 AM
Instrument 1
DB-ALC1

0.079 CAL
Christie Mitchell

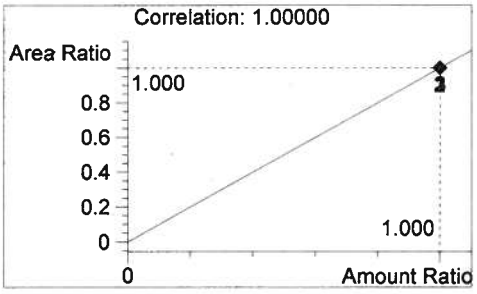
vial # 2



#	Compound	Area	RT
1	Ethanol	912	1.045
2	n-Propanol	2734	1.709
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

CM

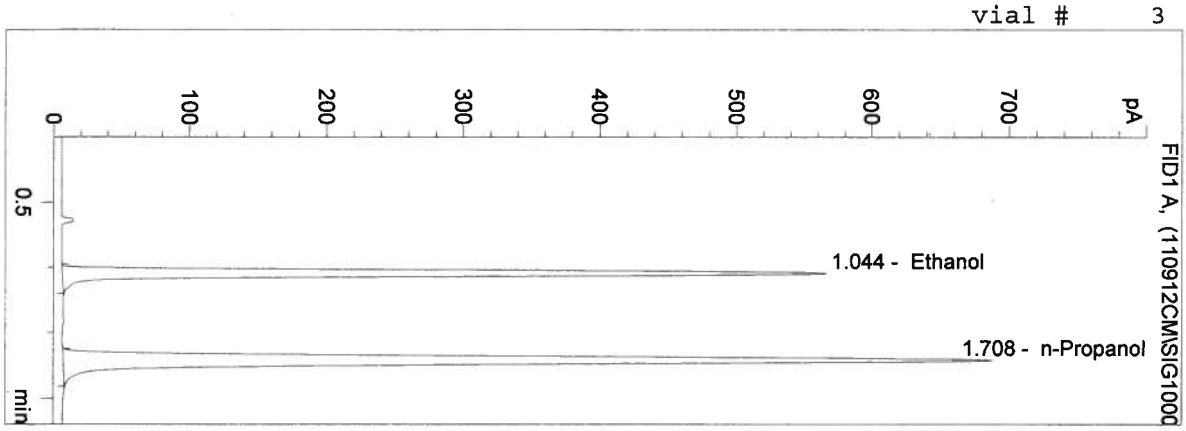
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

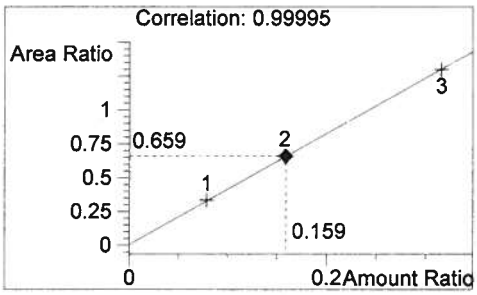
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:03:25 AM
Instrument 1
DB-ALC1

0.158 CAL
Christie Mitchell

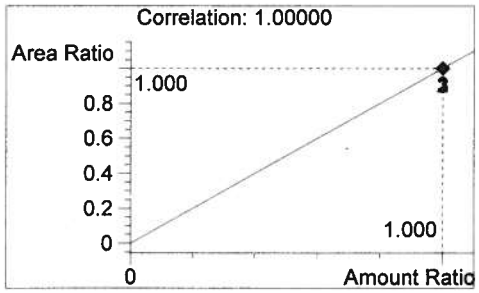
vial # 3



#	Compound	Area	RT
1	Ethanol	1816	1.044
2	n-Propanol	2757	1.708
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

CM

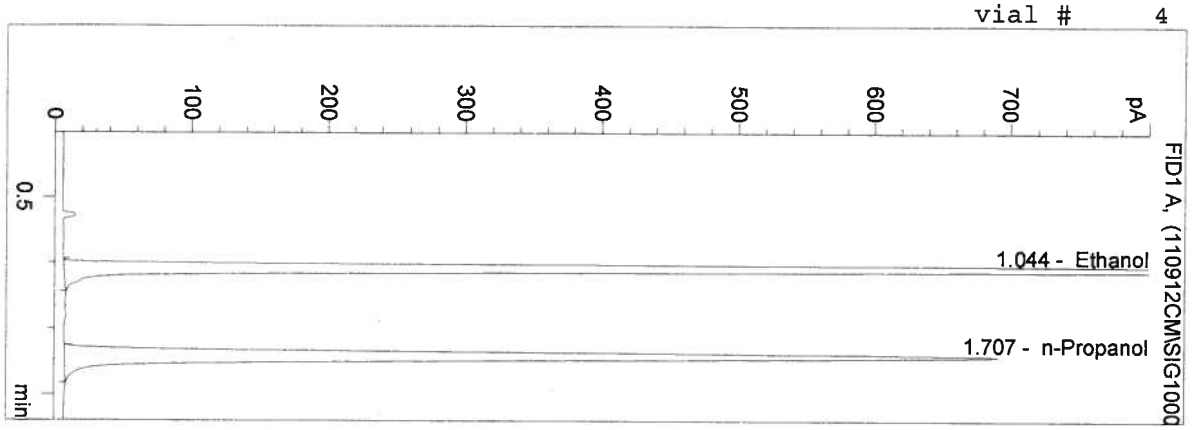
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

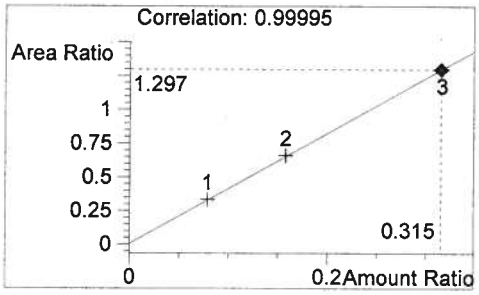
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:06:30 AM
Instrument 1
DB-ALC1

0.316 CAL
Christie Mitchell

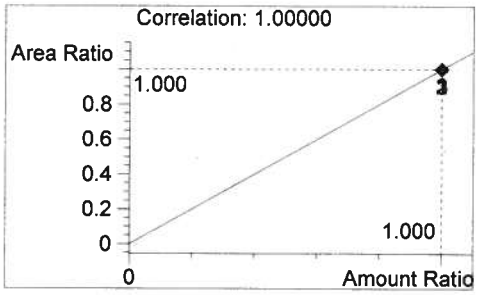
vial # 4



#	Compound	Area	RT
1	Ethanol	3587	1.044
2	n-Propanol	2766	1.707
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11039

WASHINGTON STATE TOXICOLOGY LABORATORY

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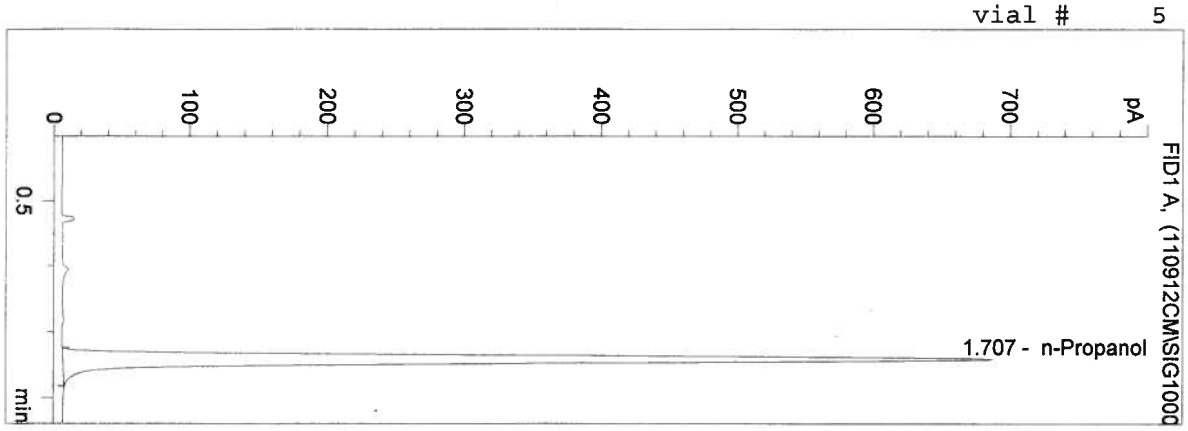
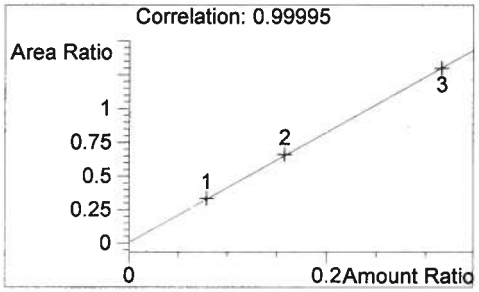
9/12/2011 9:09:34 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

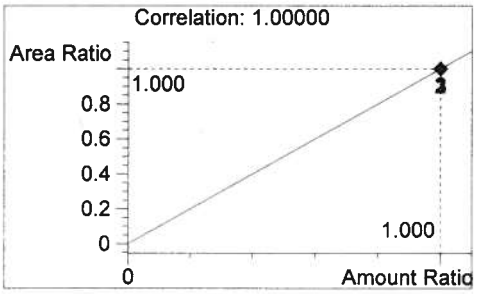
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2747	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

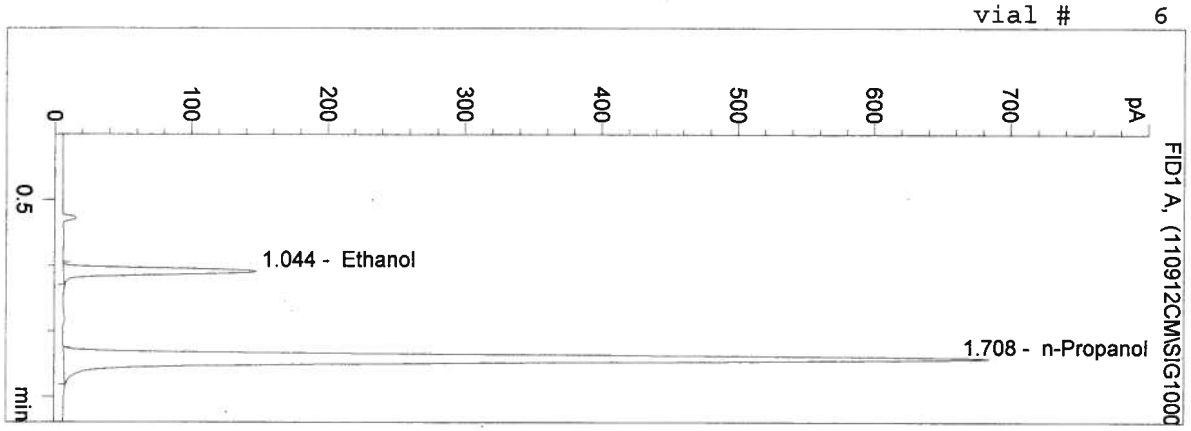
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

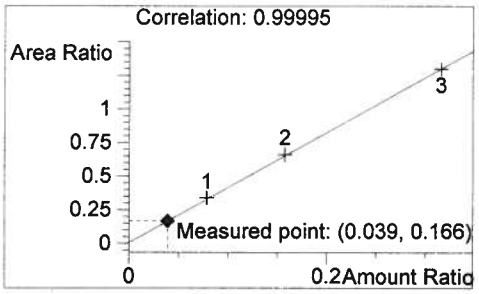
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:12:39 AM
Instrument 1
DB-ALC1

0.04 CTRL - CM
Christie Mitchell

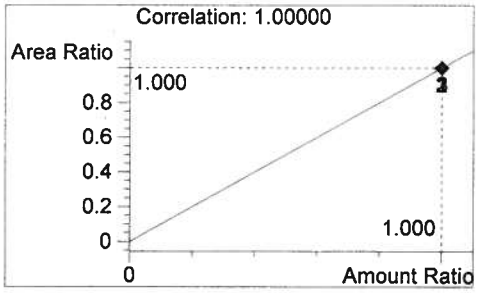
vial # 6



#	Compound	Area	RT
1	Ethanol	454	1.044
2	n-Propanol	2740	1.708
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

CM

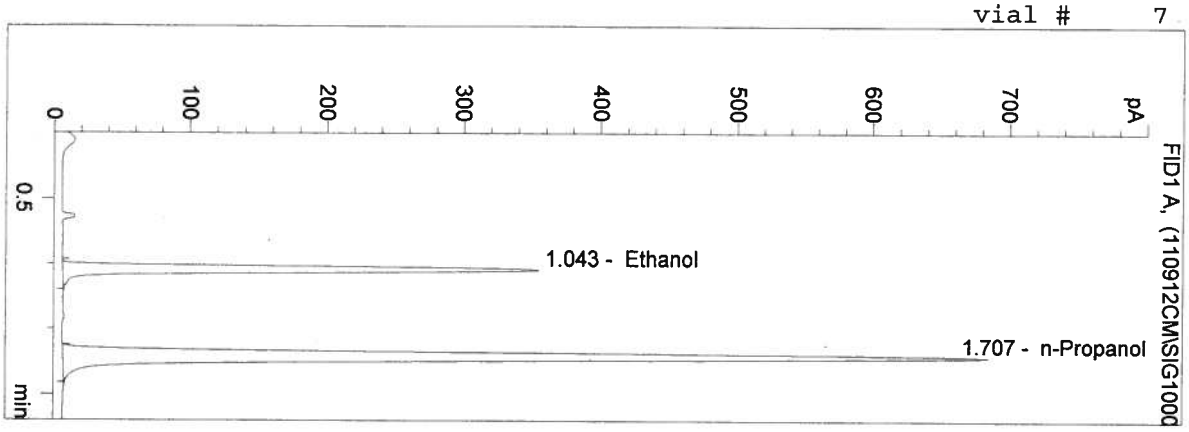
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

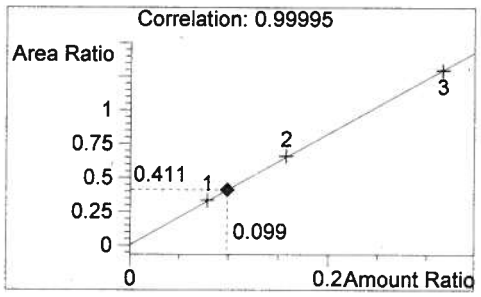
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:15:44 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

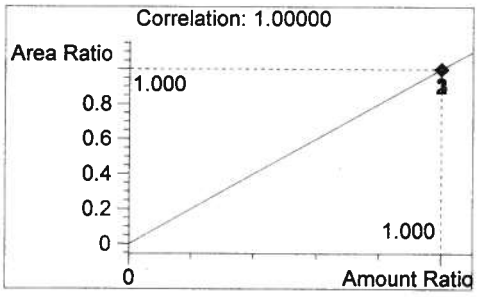
vial # 7



#	Compound	Area	RT
1	Ethanol	1124	1.043
2	n-Propanol	2735	1.707
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

CM

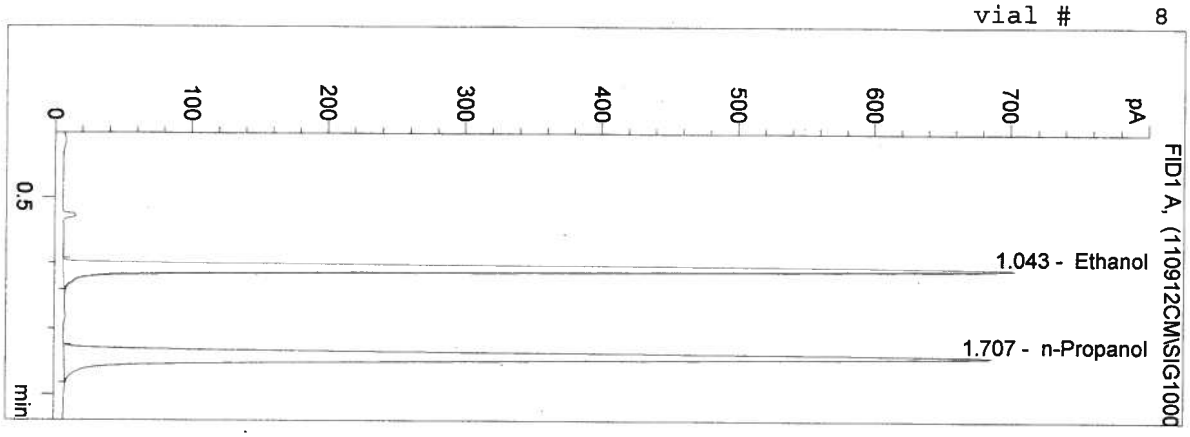
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

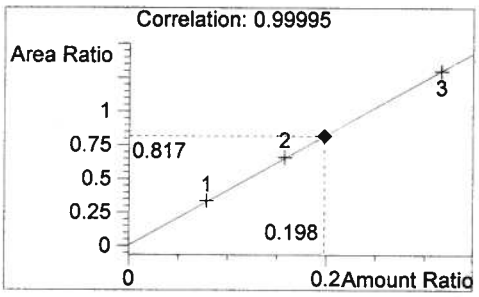
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:18:48 AM
Instrument 1
DB-ALC1

0.20 CTRL - CM
Christie Mitchell

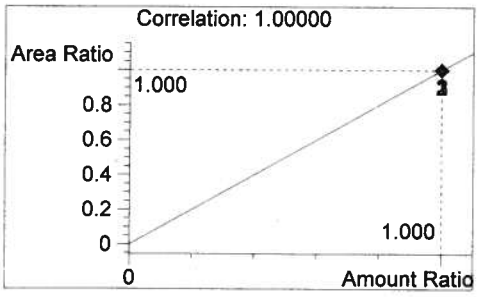
vial # 8



#	Compound	Area	RT
1	Ethanol	2243	1.043
2	n-Propanol	2744	1.707
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

CM

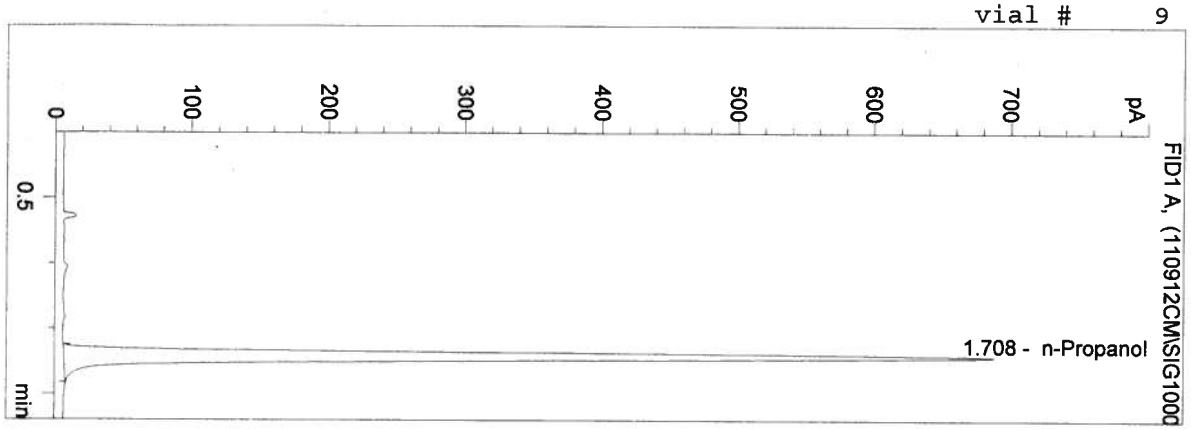
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

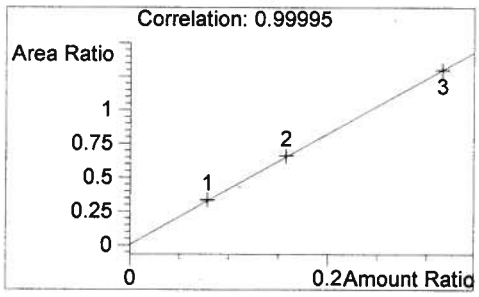
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:21:54 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

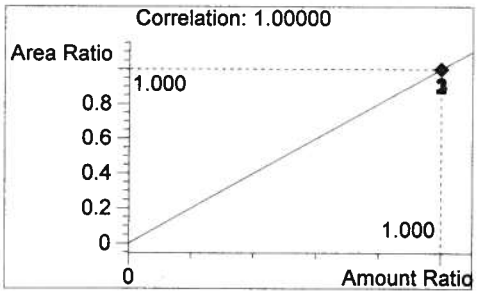
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2760	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

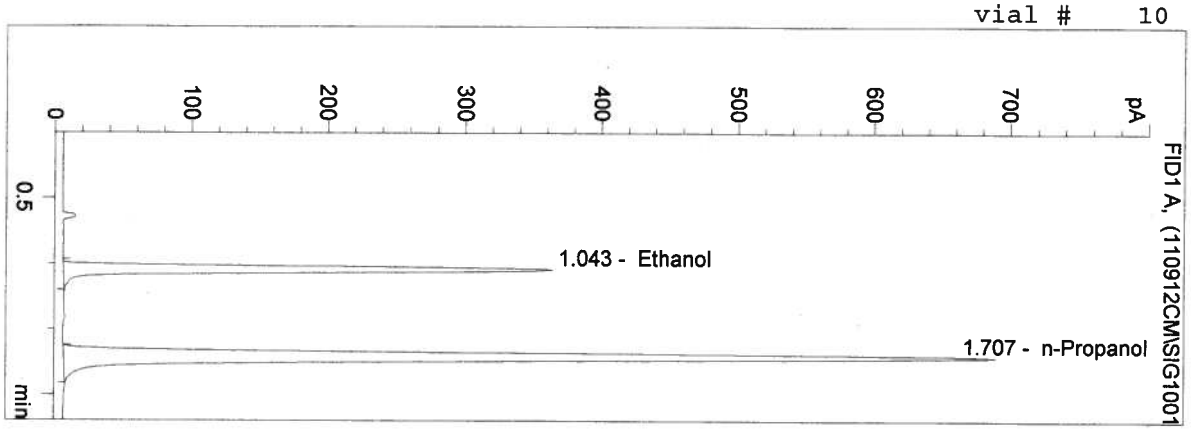
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

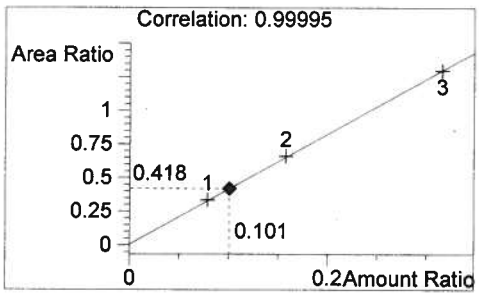
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:24:59 AM
Instrument 1
DB-ALC1

11039 #1
Christie Mitchell

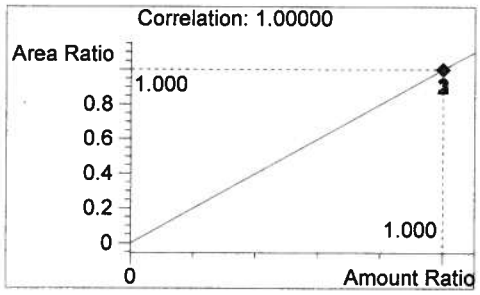
vial # 10



#	Compound	Area	RT
1	Ethanol	1153	1.043
2	n-Propanol	2756	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

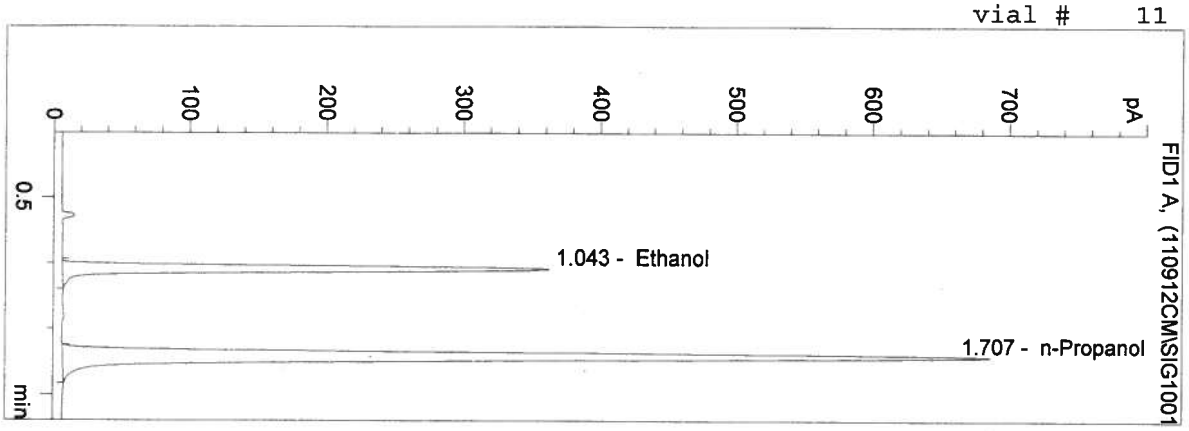
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

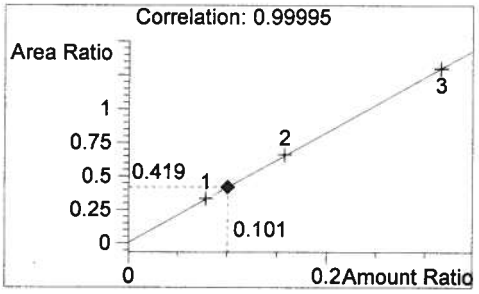
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:28:04 AM
Instrument 1
DB-ALC1

11039 #2
Christie Mitchell

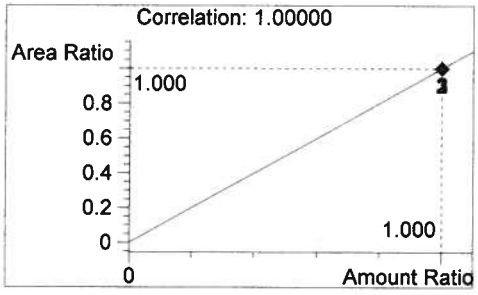
vial # 11



#	Compound	Area	RT
1	Ethanol	1153	1.043
2	n-Propanol	2754	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

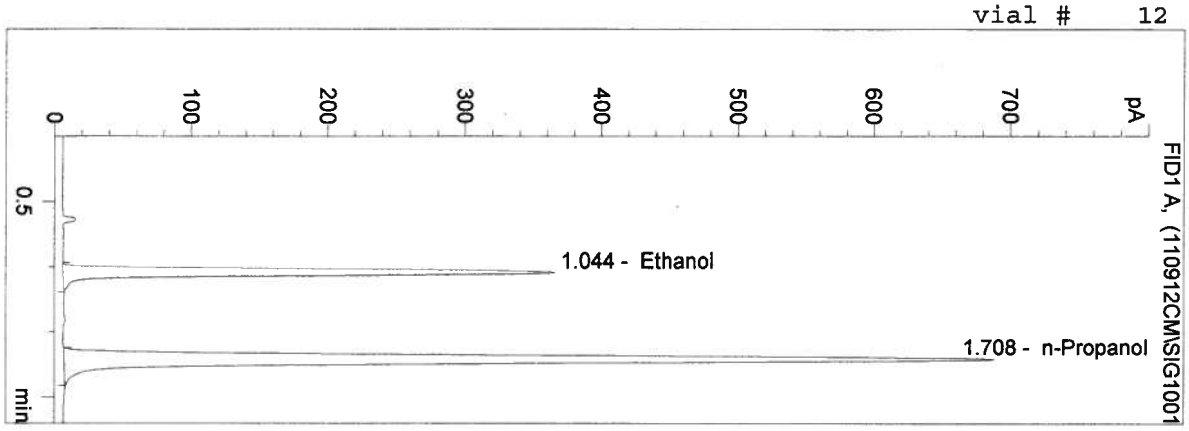
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

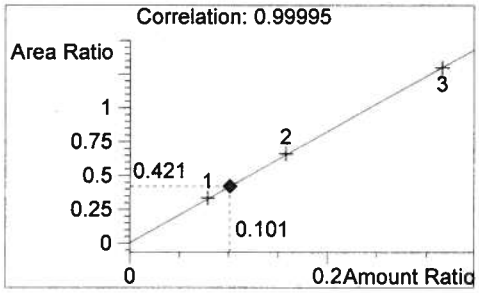
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:31:09 AM
Instrument 1
DB-ALC1

11039 #3
Christie Mitchell

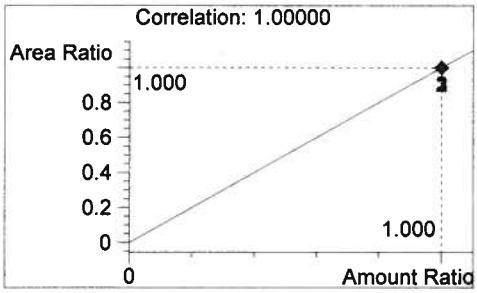
vial # 12



#	Compound	Area	RT
1	Ethanol	1162	1.044
2	n-Propanol	2762	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

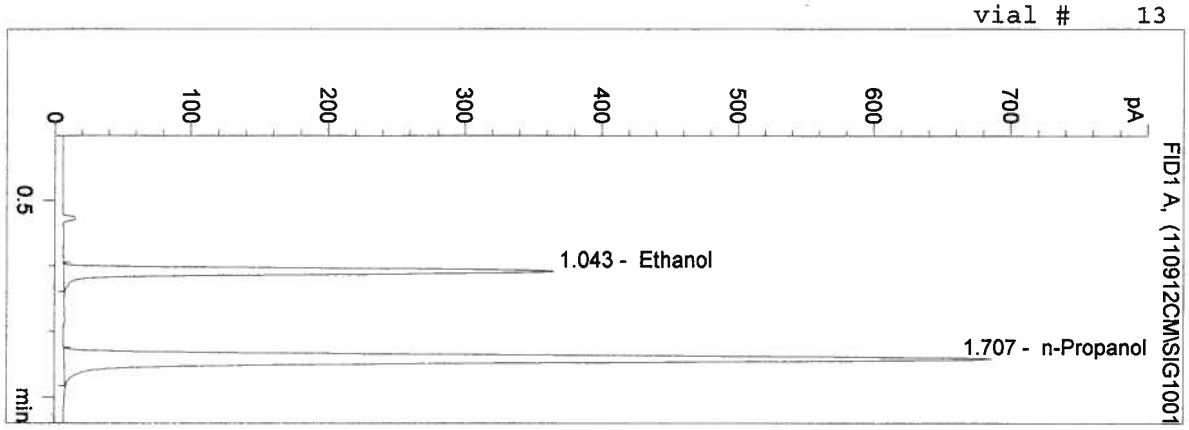
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

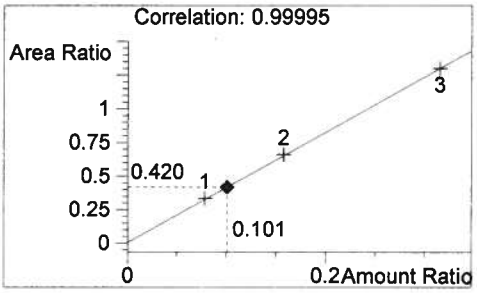
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:34:14 AM
Instrument 1
DB-ALC1

11039 #4
Christie Mitchell

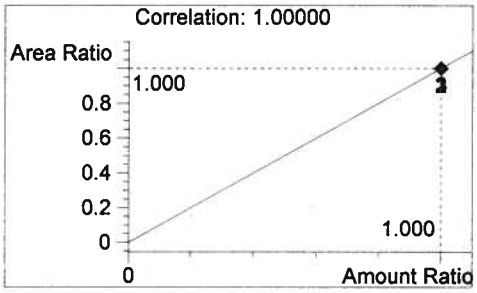
vial # 13



#	Compound	Area	RT
1	Ethanol	1149	1.043
2	n-Propanol	2739	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

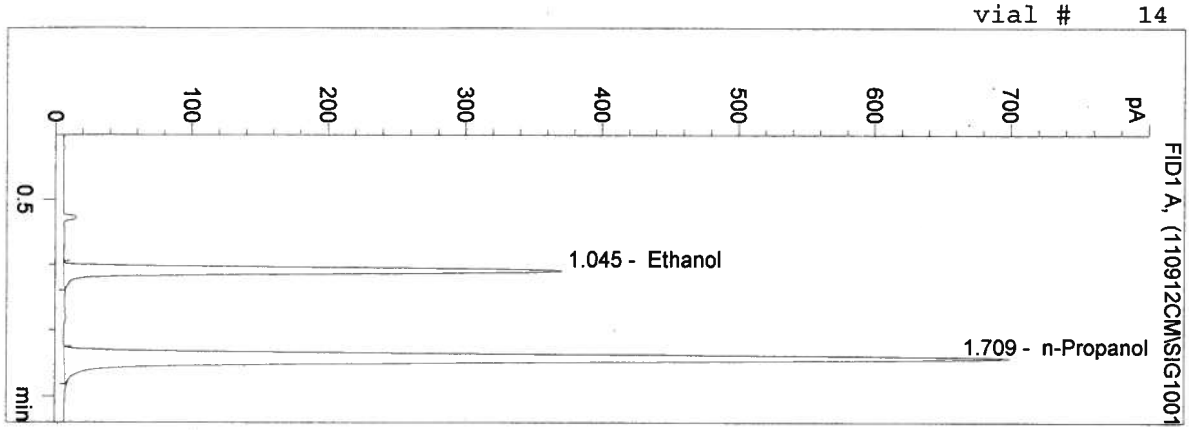
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

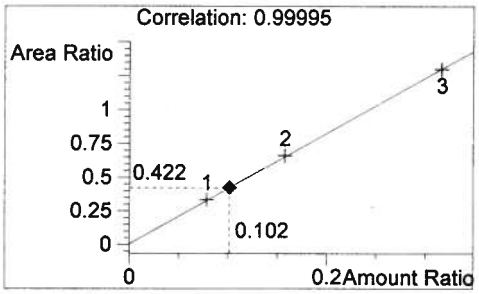
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:37:18 AM
Instrument 1
DB-ALC1

11039 #5
Christie Mitchell

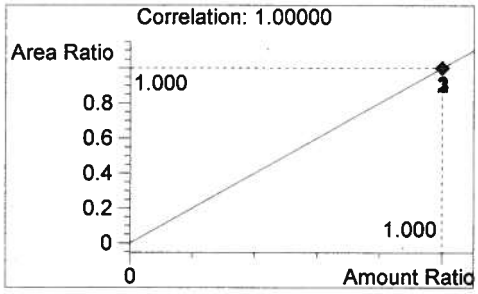
vial # 14



#	Compound	Area	RT
1	Ethanol	1185	1.045
2	n-Propanol	2807	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

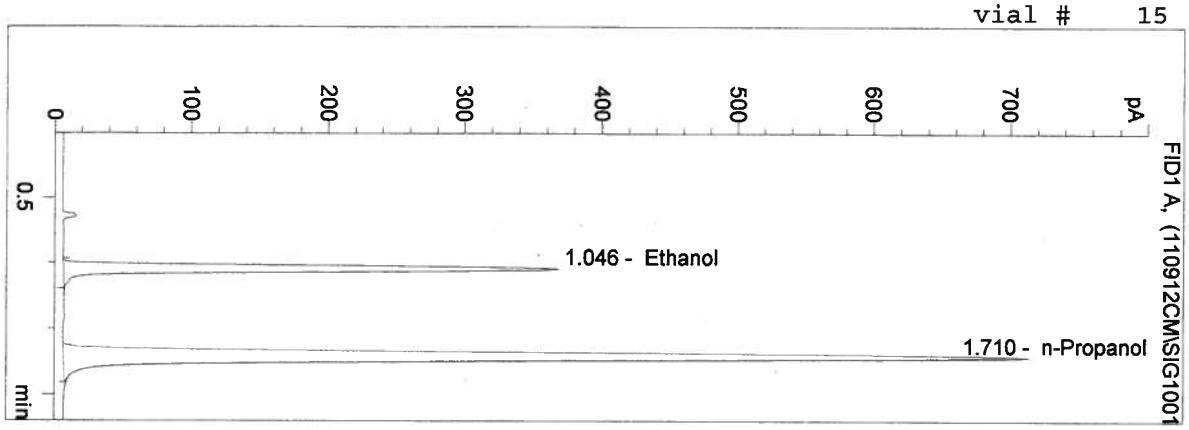
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

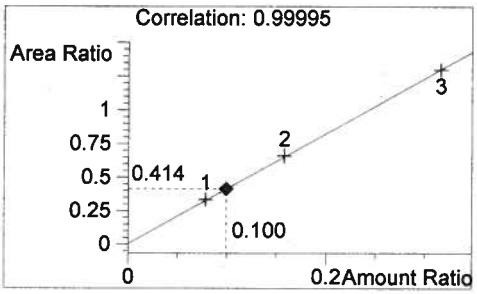
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:40:23 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

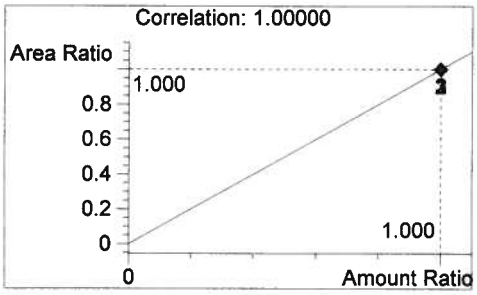
vial # 15



#	Compound	Area	RT
1	Ethanol	1186	1.046
2	n-Propanol	2863	1.710
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

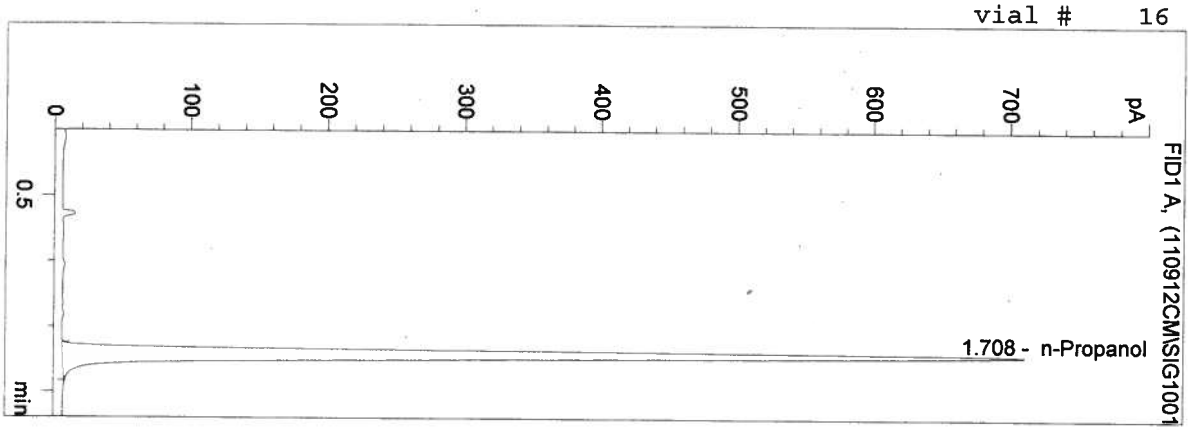
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

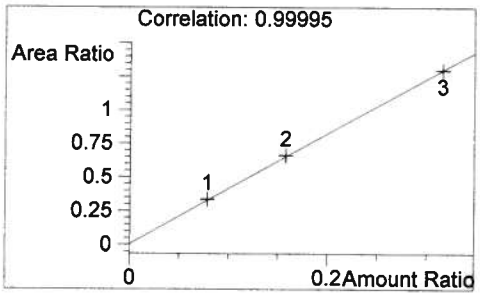
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 9:43:27 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

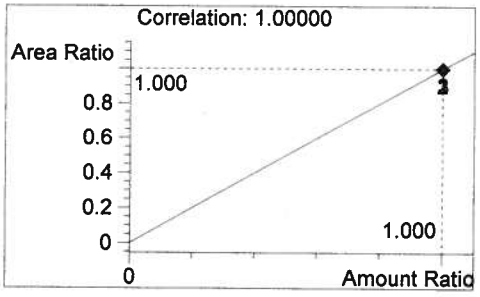
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2857	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11039

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\1\DATA\
Data Subdirectory:	110912SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-SS	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-SS	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-SS	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-SS	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		
10	Vial 10	11039 #1	SIMALC1	1	Sample		
11	Vial 11	11039 #2	SIMALC1	1	Sample		
12	Vial 12	11039 #3	SIMALC1	1	Sample		
13	Vial 13	11039 #4	SIMALC1	1	Sample		
14	Vial 14	11039 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-SS	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-SS	SIMALC1	1	Ctrl Samp		

Calibration Part:

11039

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

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Sequence Table (Back Injector):

No entries - empty table!

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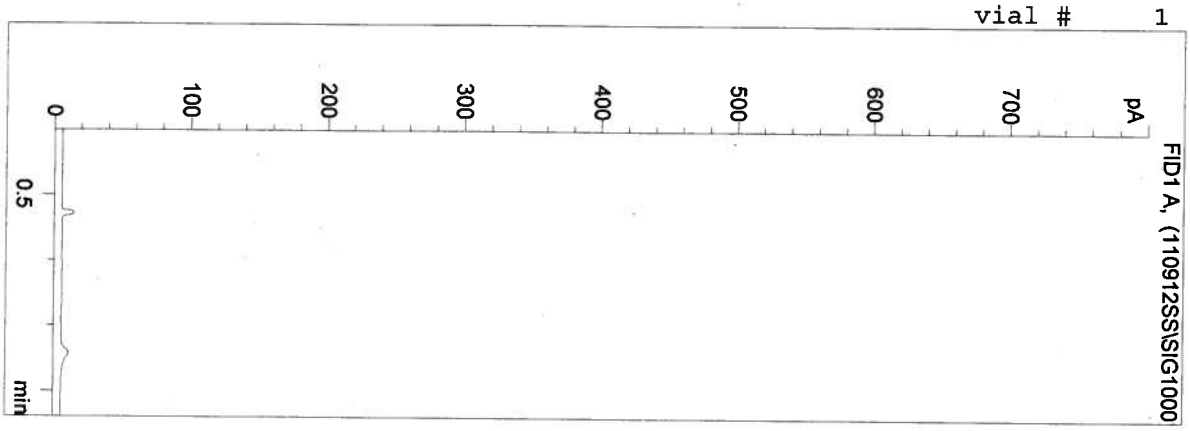
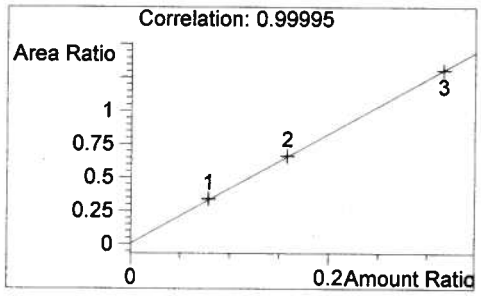
9/12/2011 11:10:34 AM
Instrument 1
DB-ALC1

BLANK-SS
Sarah Swenson

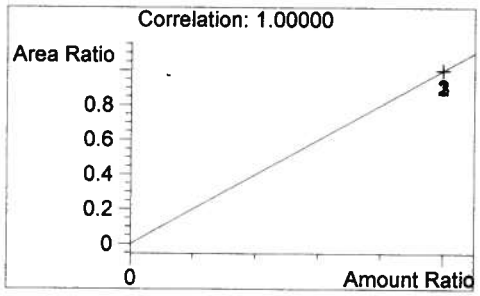
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

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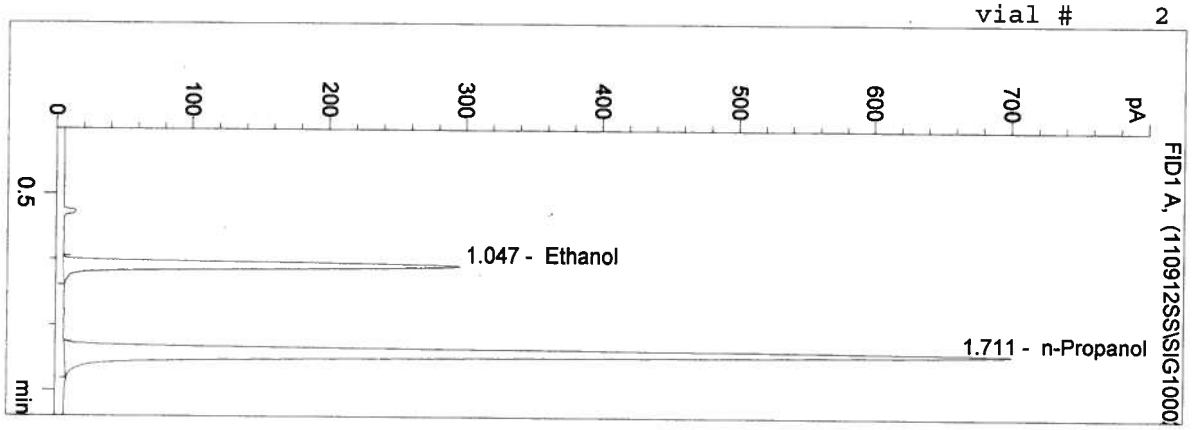
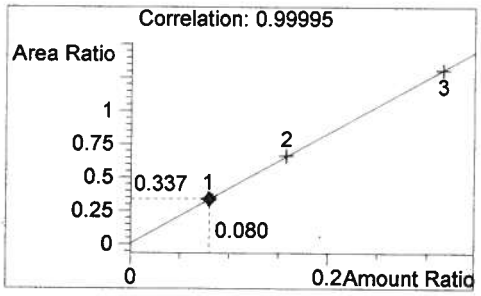
9/12/2011 11:13:39 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Sarah Swenson

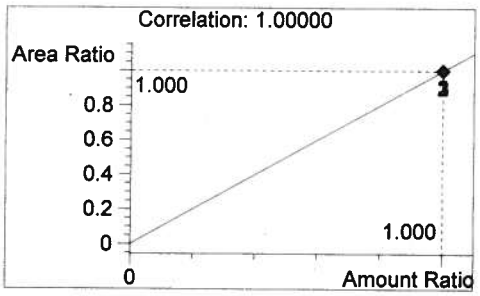
vial # 2



#	Compound	Area	RT
1	Ethanol	948	1.047
2	n-Propanol	2813	1.711
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

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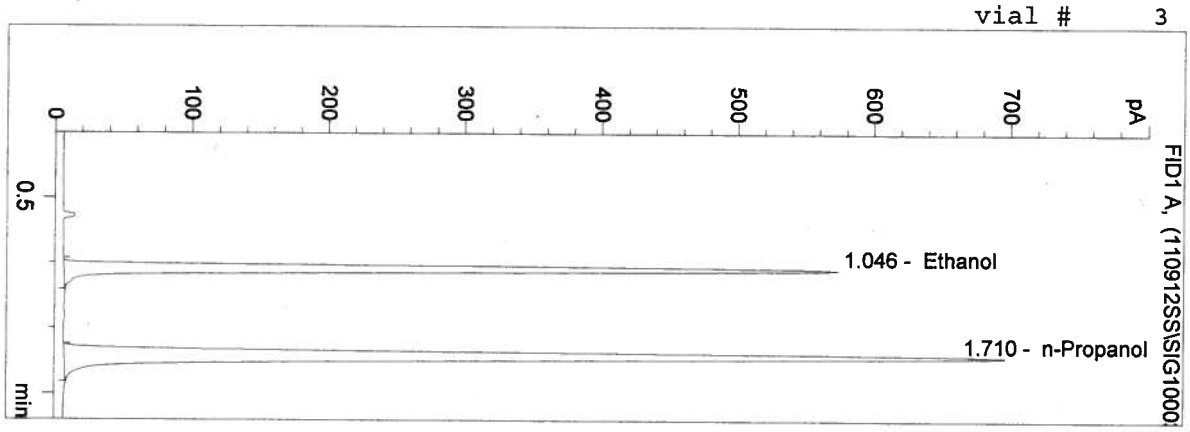
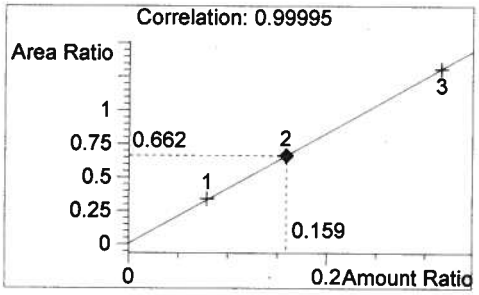
9/12/2011 11:16:44 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Sarah Swenson

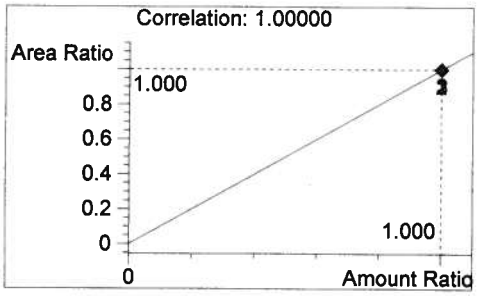
vial # 3



#	Compound	Area	RT
1	Ethanol	1849	1.046
2	n-Propanol	2794	1.710
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

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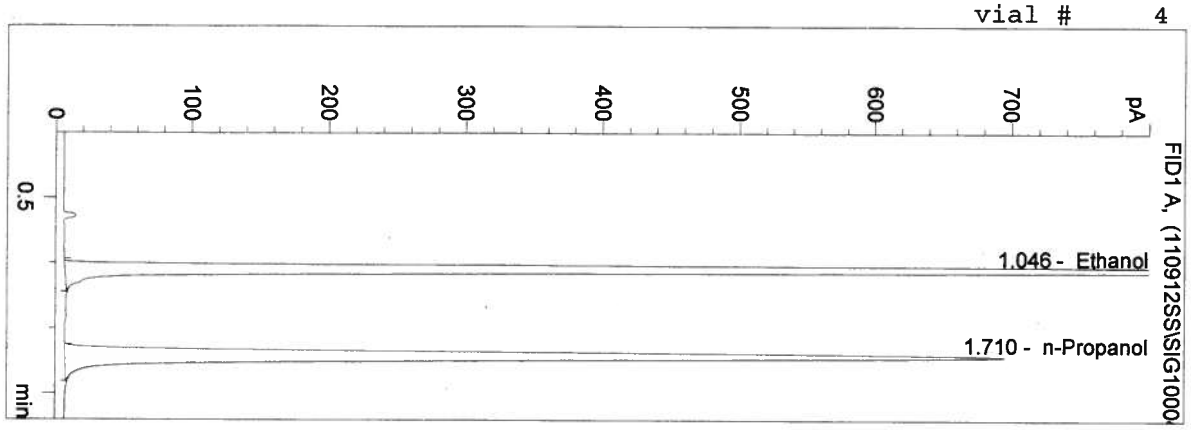
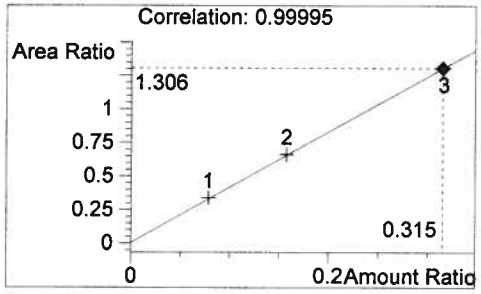
9/12/2011 11:19:49 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Sarah Swenson

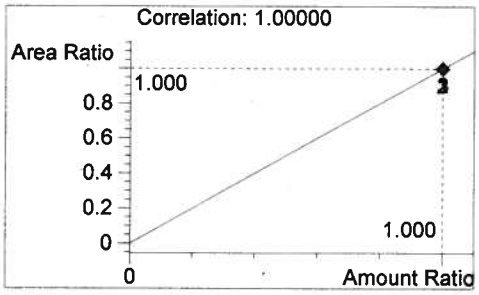
vial # 4



#	Compound	Area	RT
1	Ethanol	3636	1.046
2	n-Propanol	2785	1.710
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

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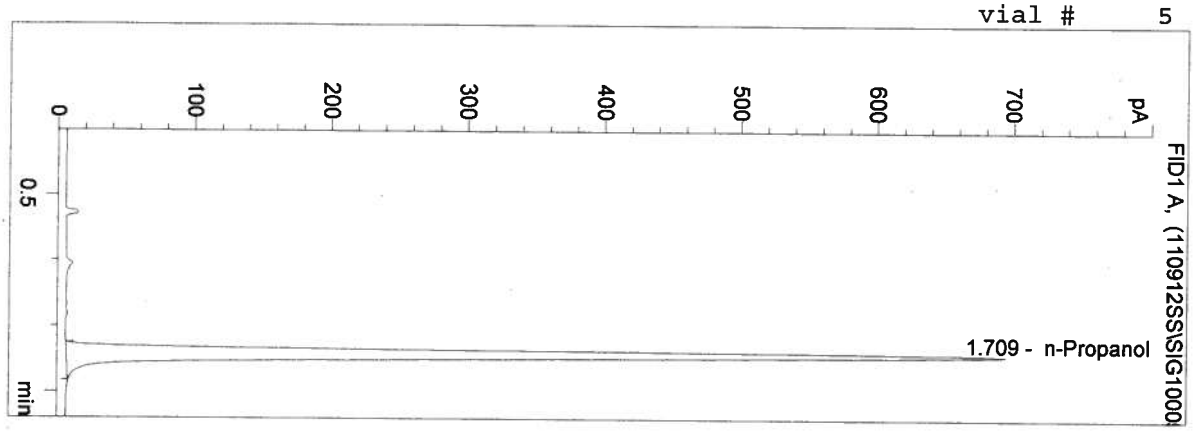
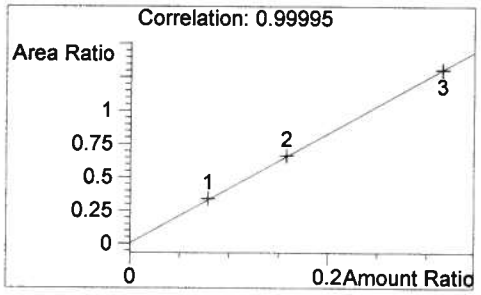
9/12/2011 11:22:54 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

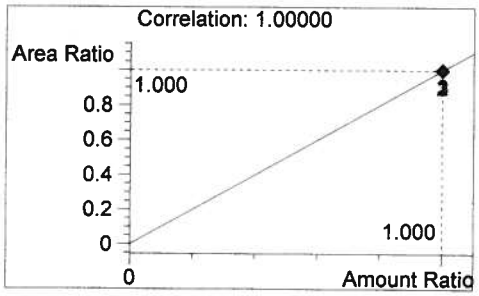
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2786	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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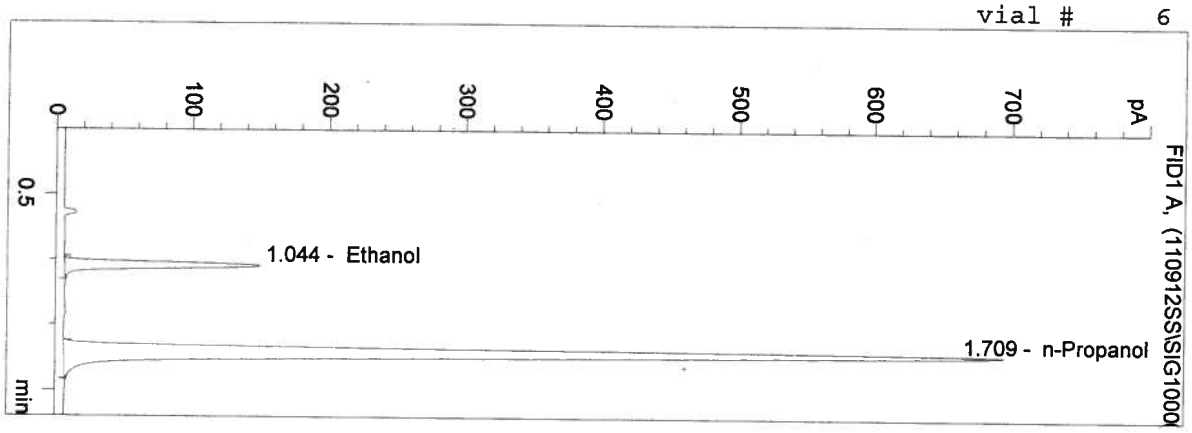
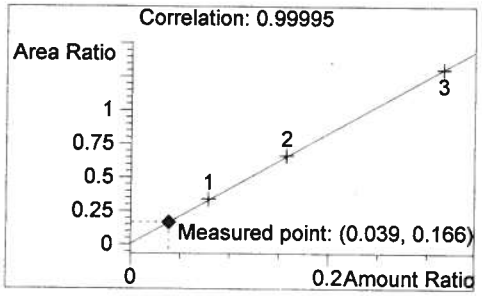
9/12/2011 11:25:58 AM
Instrument 1
DB-ALC1

0.04 CTRL-SS
Sarah Swenson

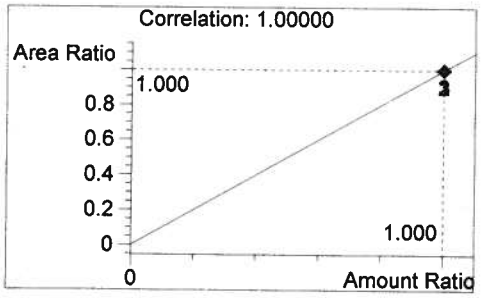
vial # 6



#	Compound	Area	RT
1	Ethanol	462	1.044
2	n-Propanol	2786	1.709
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

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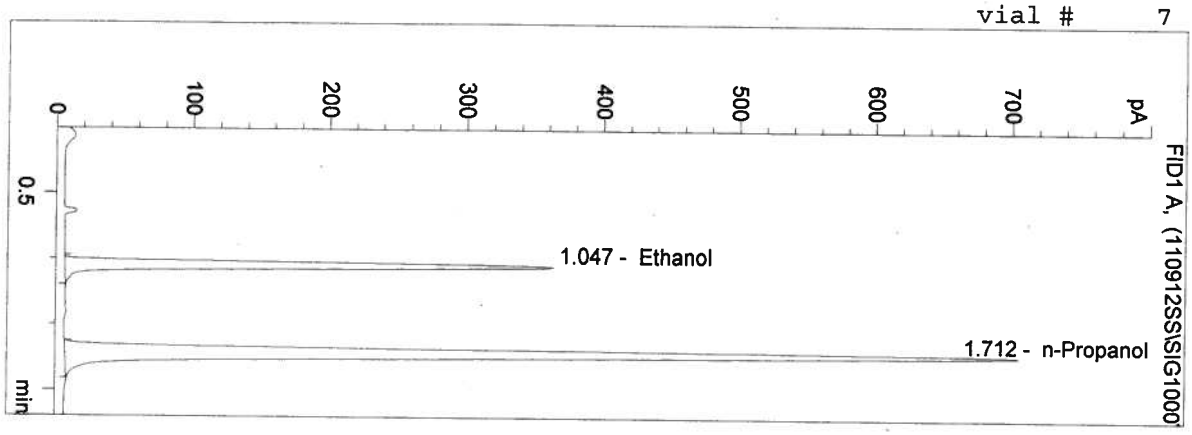
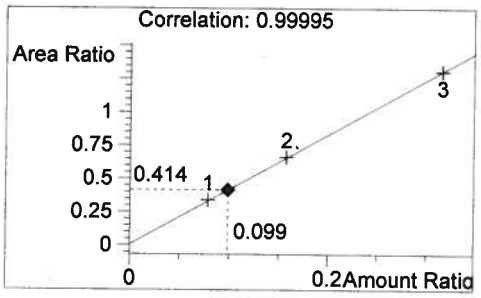
9/12/2011 11:29:03 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

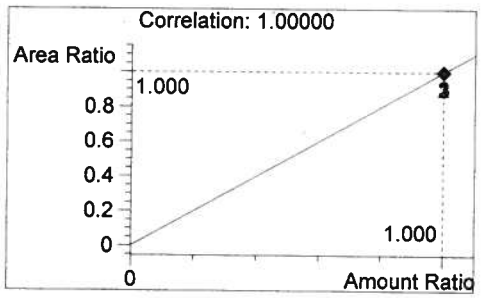
vial # 7



#	Compound	Area	RT
1	Ethanol	1176	1.047
2	n-Propanol	2838	1.712
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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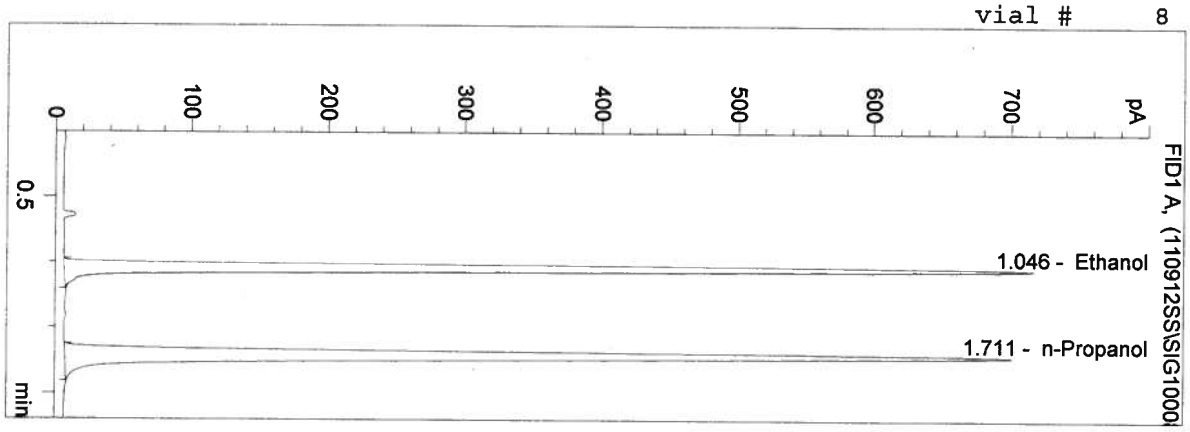
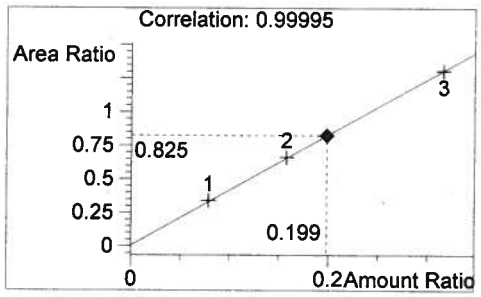
Instrument 1
DB-ALC1

0.20 CTRL-SS
Sarah Swenson

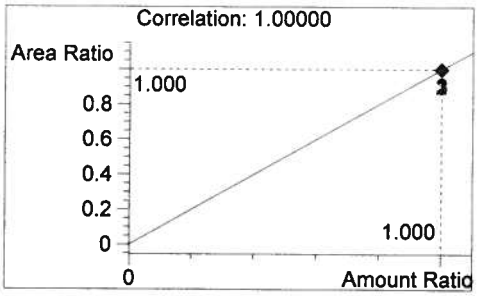
vial # 8



#	Compound	Area	RT
1	Ethanol	2318	1.046
2	n-Propanol	2810	1.711
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

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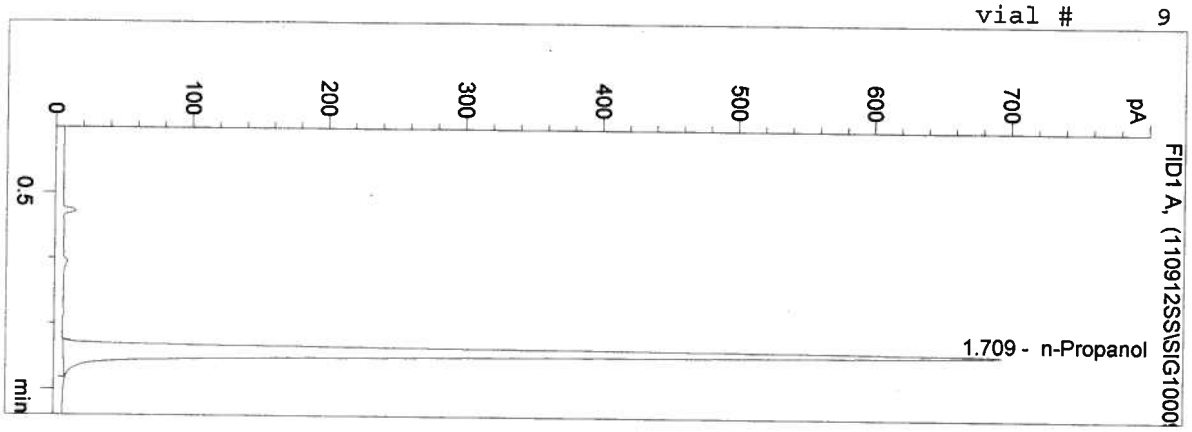
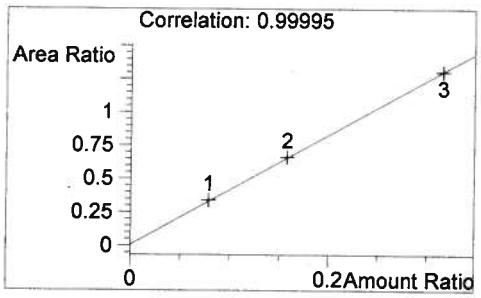
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

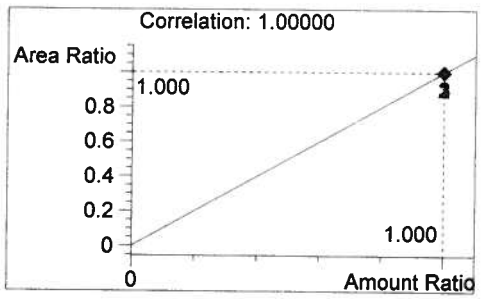
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2788	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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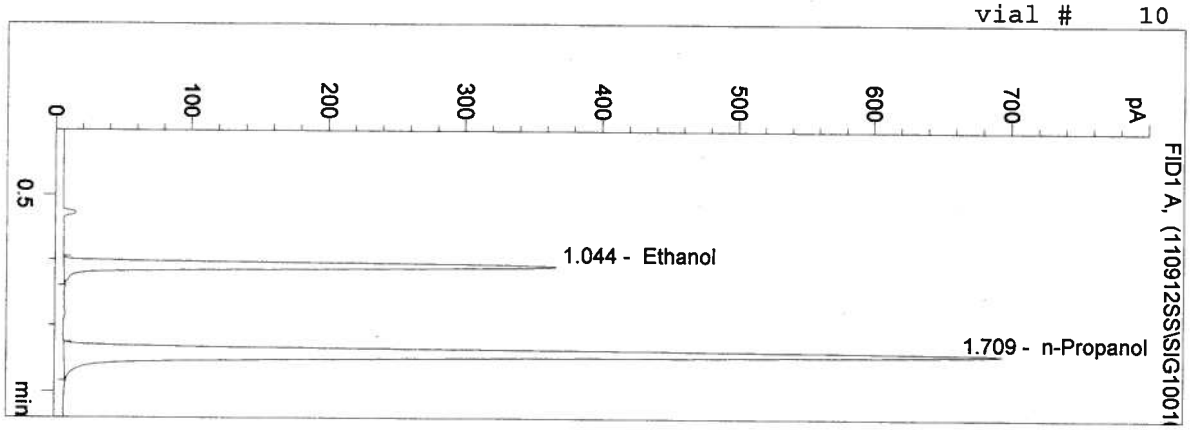
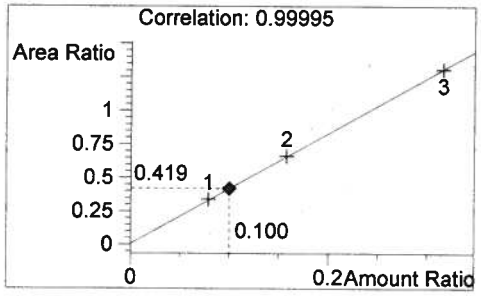
9/12/2011 11:38:18 AM
Instrument 1
DB-ALC1

11039 #1
Sarah Swenson

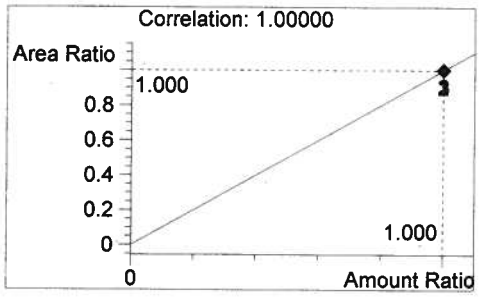
vial # 10



#	Compound	Area	RT
1	Ethanol	1167	1.044
2	n-Propanol	2786	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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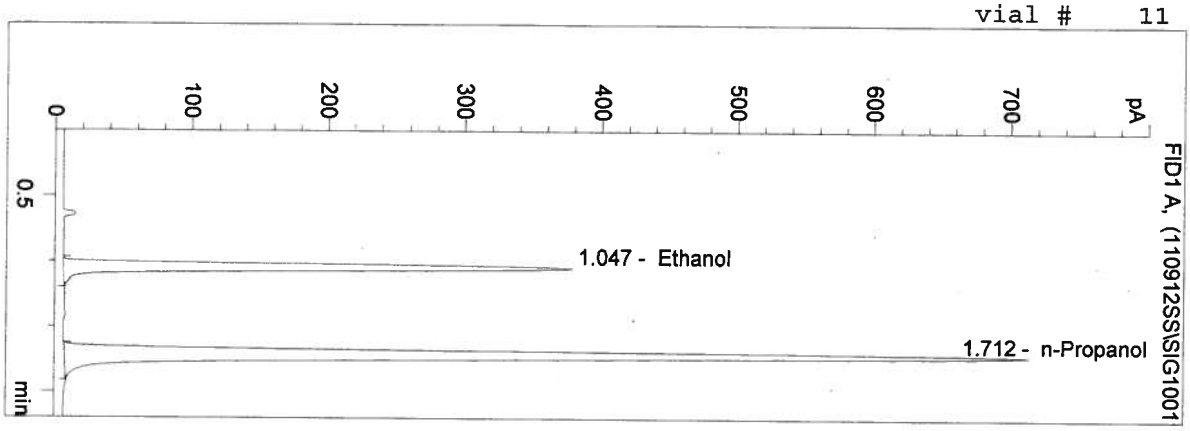
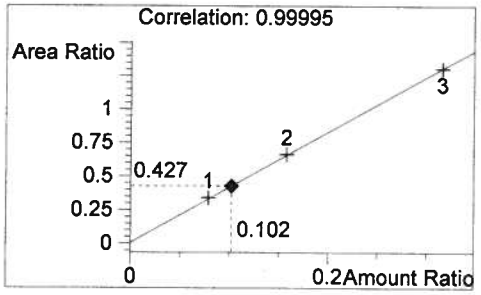
Instrument 1
DB-ALC1

11039 #2
Sarah Swenson

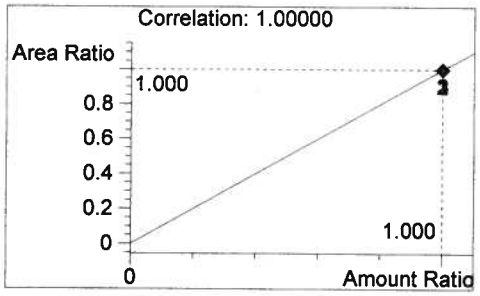
vial # 11



#	Compound	Area	RT
1	Ethanol	1227	1.047
2	n-Propanol	2875	1.712
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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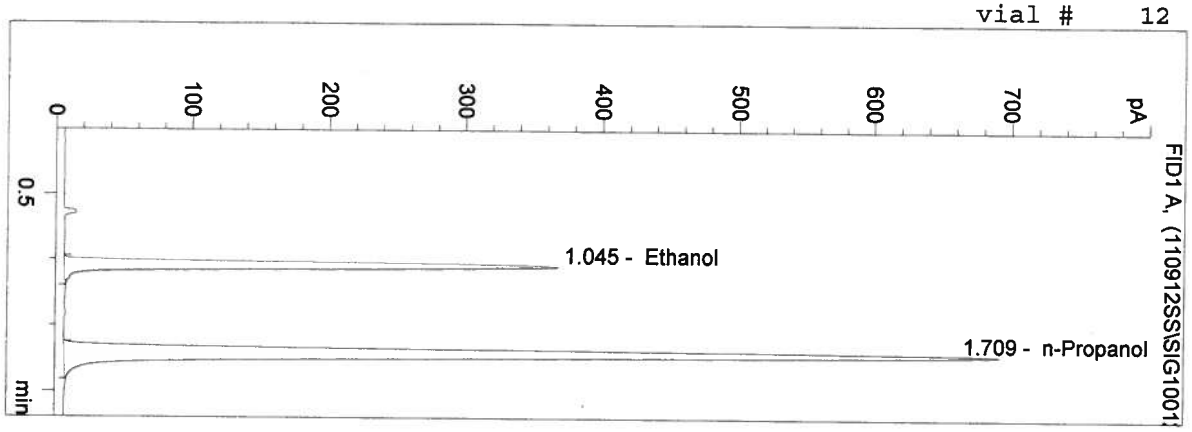
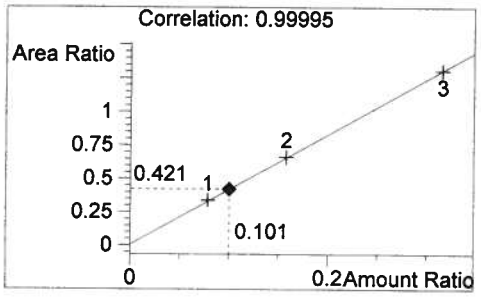
9/12/2011 11:44:27 AM
Instrument 1
DB-ALC1

11039 #3
Sarah Swenson

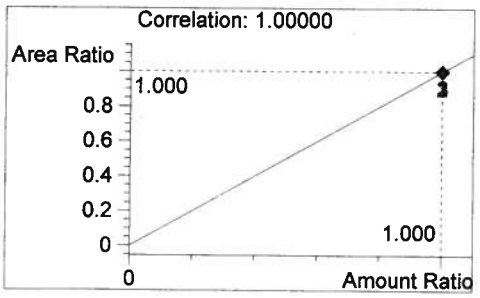
vial # 12



#	Compound	Area	RT
1	Ethanol	1169	1.045
2	n-Propanol	2777	1.709
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

SJS

WASHINGTON STATE TOXICOLOGY LABORATORY

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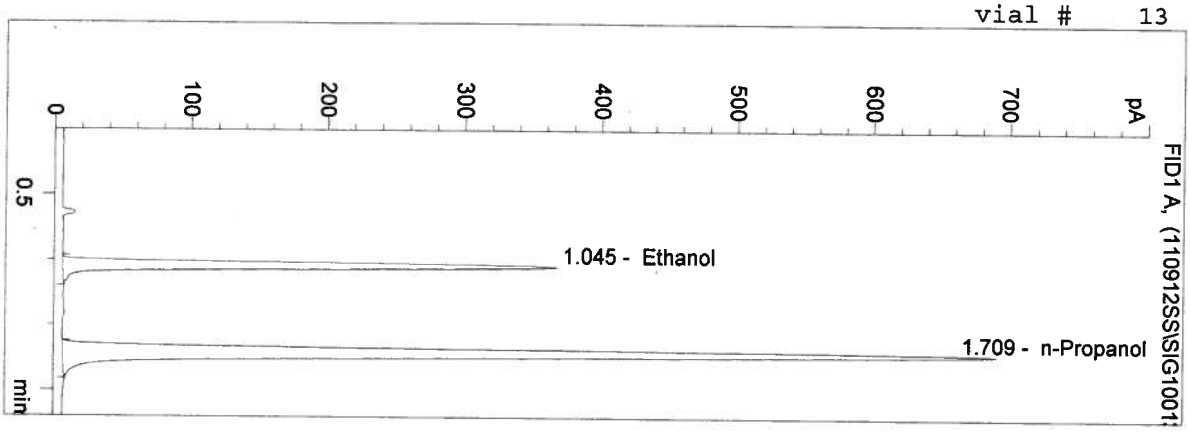
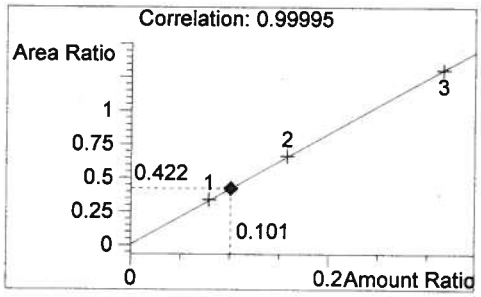
9/12/2011 11:47:32 AM
Instrument 1
DB-ALC1

11039 #4
Sarah Swenson

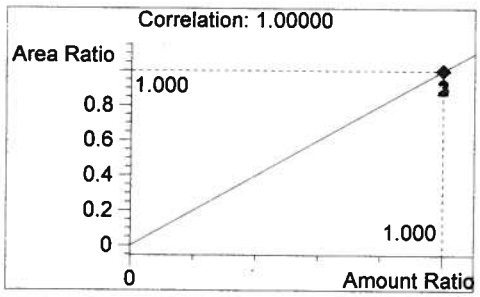
vial # 13



#	Compound	Area	RT
1	Ethanol	1169	1.045
2	n-Propanol	2772	1.709
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

SVS

WASHINGTON STATE TOXICOLOGY LABORATORY

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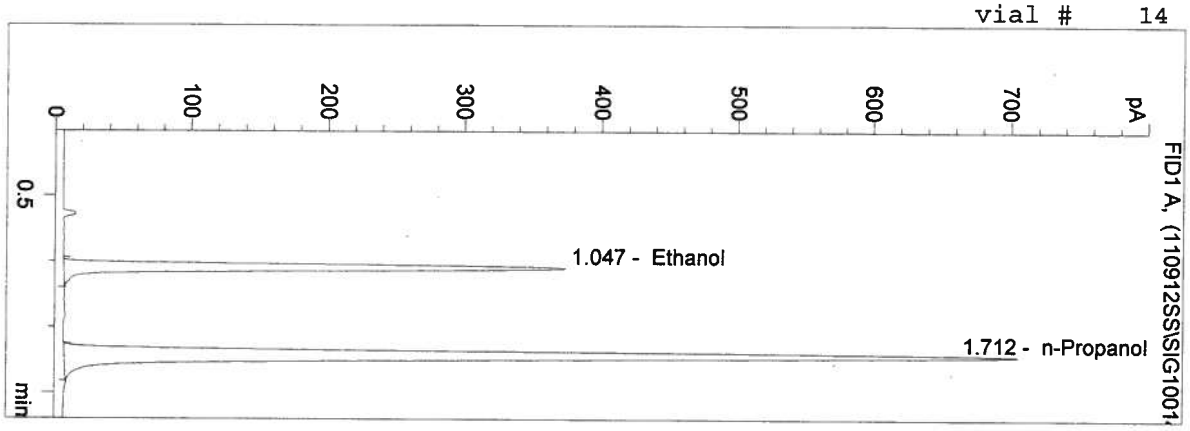
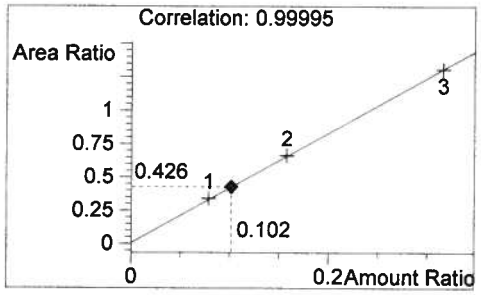
9/12/2011 11:50:36 AM
Instrument 1
DB-ALC1

11039 #5
Sarah Swenson

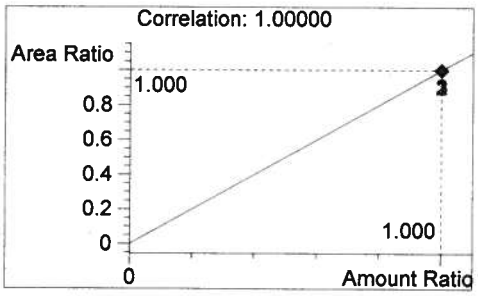
vial # 14



#	Compound	Area	RT
1	Ethanol	1207	1.047
2	n-Propanol	2836	1.712
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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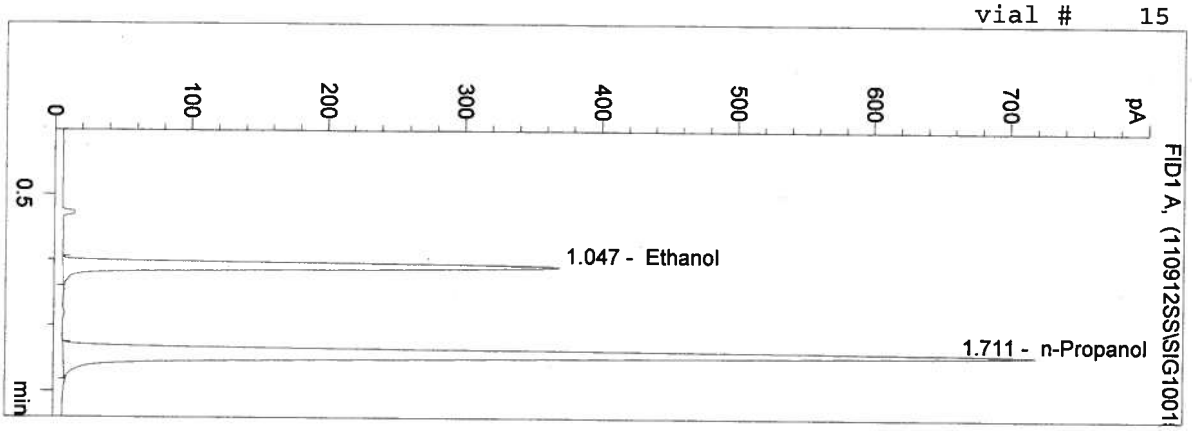
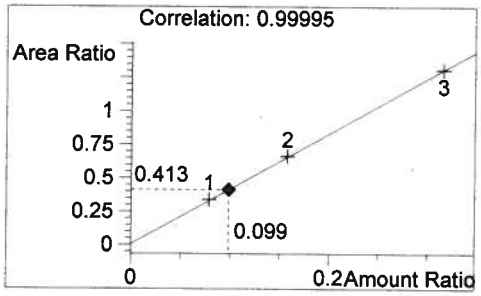
9/12/2011 11:53:41 AM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

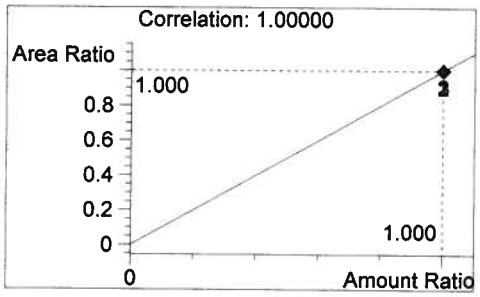
vial # 15



#	Compound	Area	RT
1	Ethanol	1194	1.047
2	n-Propanol	2892	1.711
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11039

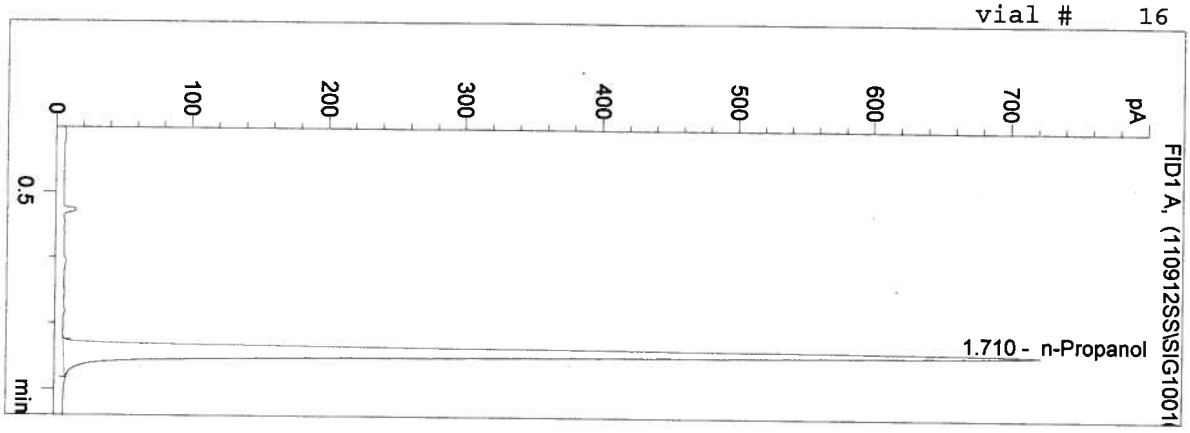
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

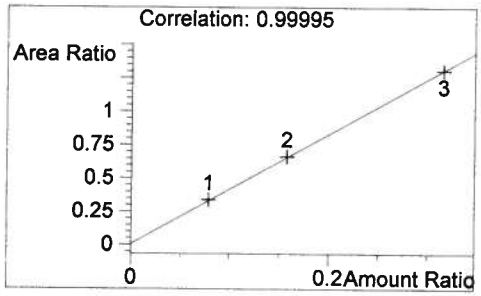
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 11:56:46 AM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

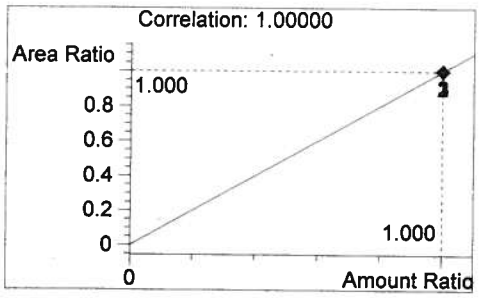
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2907	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

SMS

Sequence Parameters:

Operator:	Dawn Cox
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110912D1
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-DC	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-DC	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-DC	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-DC	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-DC	SIMALC1	1	Ctrl Samp		
10	Vial 10	11039 #1	SIMALC1	1	Sample		
11	Vial 11	11039 #2	SIMALC1	1	Sample		
12	Vial 12	11039 #3	SIMALC1	1	Sample		
13	Vial 13	11039 #4	SIMALC1	1	Sample		
14	Vial 14	11039 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-DC	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-DC	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

11039

Sequence Table (Back Injector):

No entries - empty table!

DC

11039

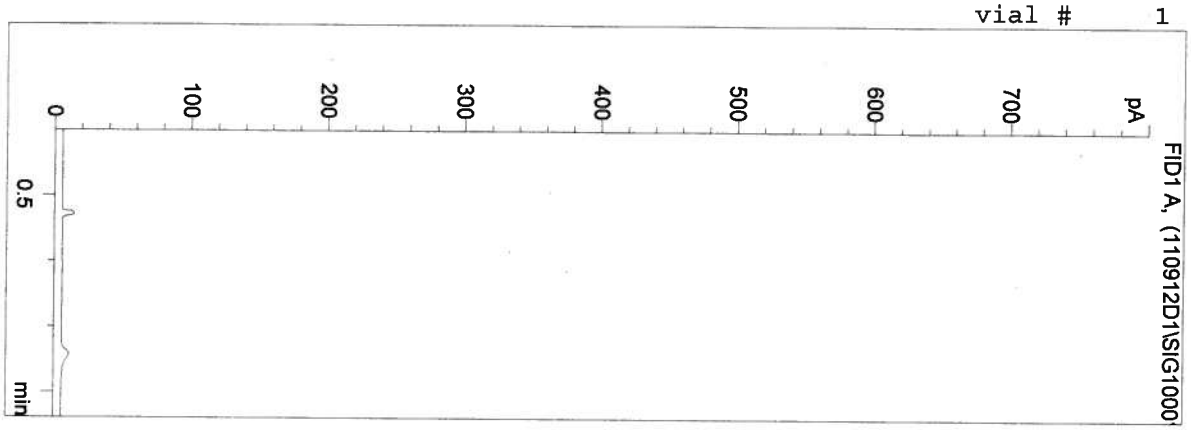
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

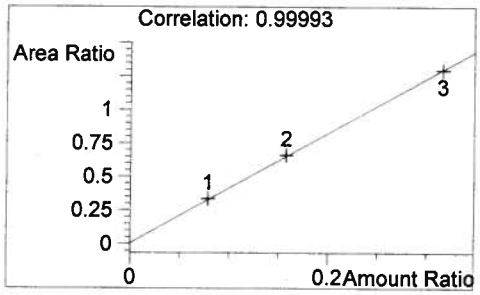
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 1:18:28 PM
Instrument 1
DB-ALC1

BLANK
Dawn Cox

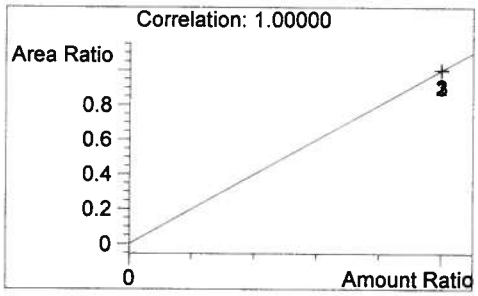
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

11039

DC

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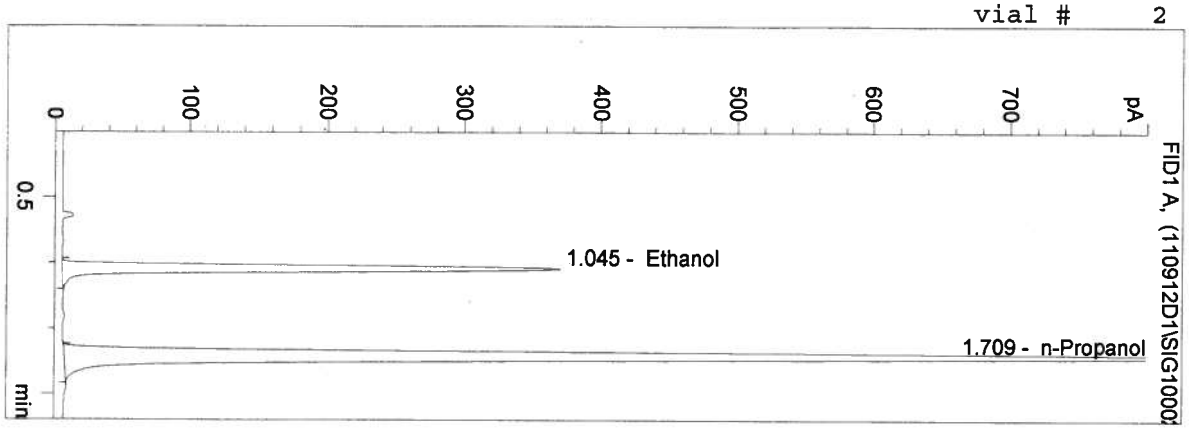
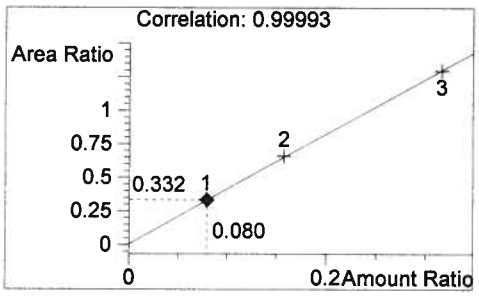
Instrument 1
DB-ALC1

0.079 CAL 1
Dawn Cox

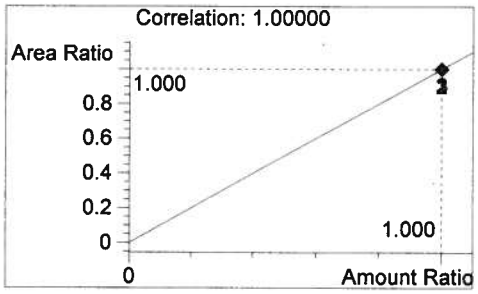
vial # 2



#	Compound	Area	RT
1	Ethanol	1174	1.045
2	n-Propanol	3531	1.709
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

11039

DC

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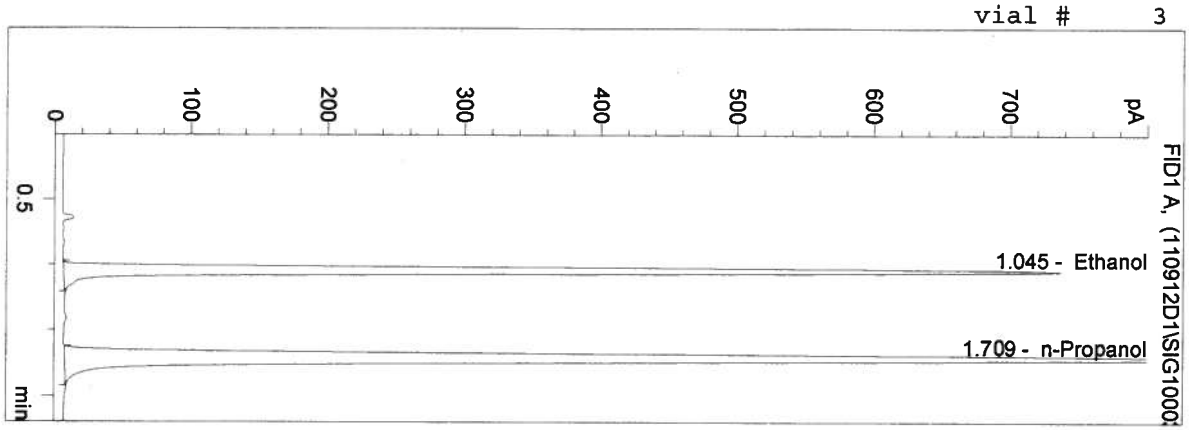
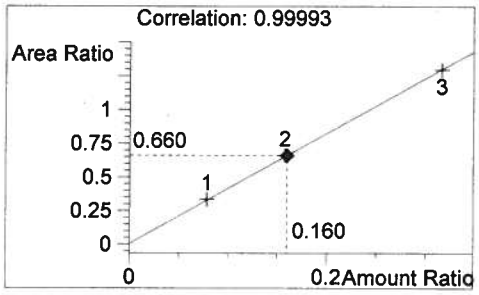
9/12/2011 1:24:38 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Dawn Cox

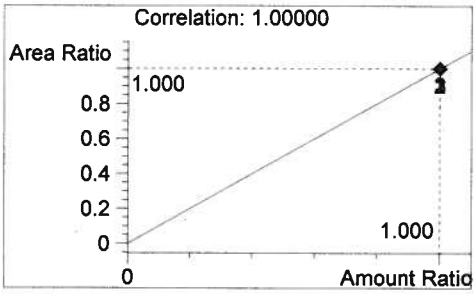
vial # 3



#	Compound	Area	RT
1	Ethanol	2354	1.045
2	n-Propanol	3564	1.709
Tot			



Ethanol 0.160 g/100 mL



n-Propanol 1.000 g/100 mL

11039

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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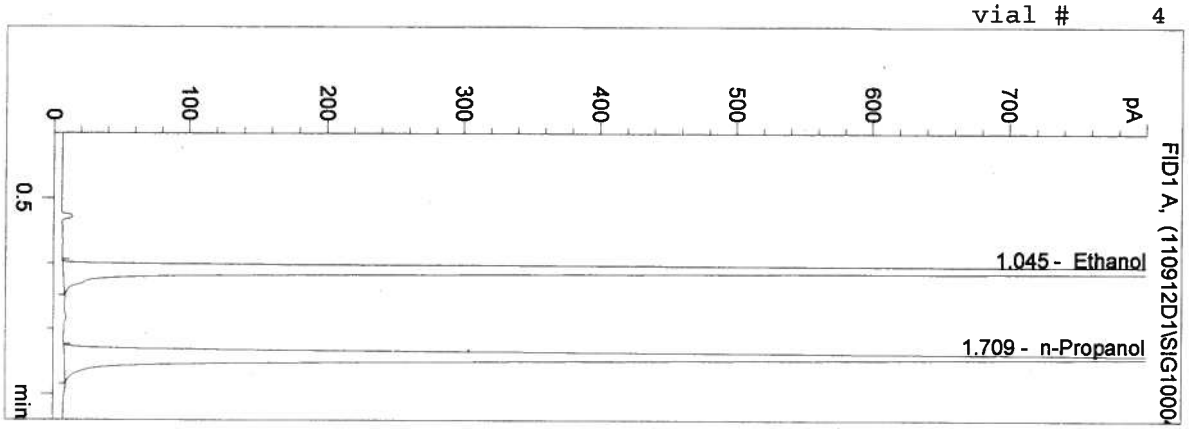
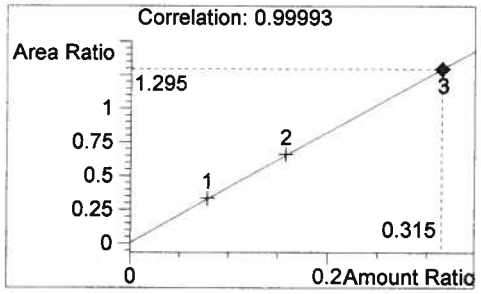
Instrument 1
DB-ALC1

0.316 CAL 3
Dawn Cox

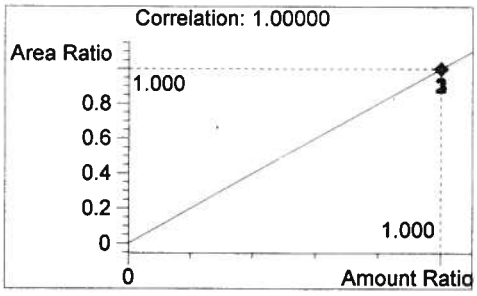
vial # 4



#	Compound	Area	RT
1	Ethanol	4572	1.045
2	n-Propanol	3530	1.709
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

11039

DC

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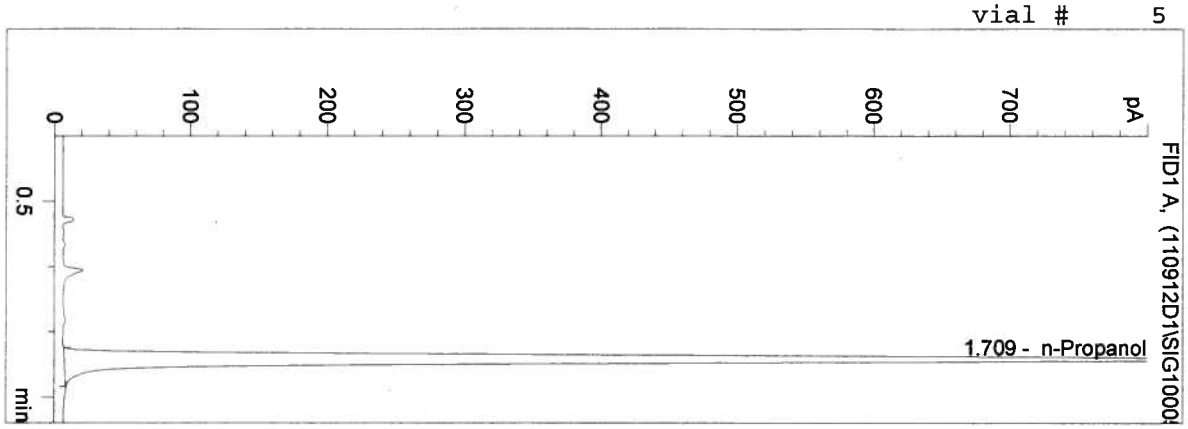
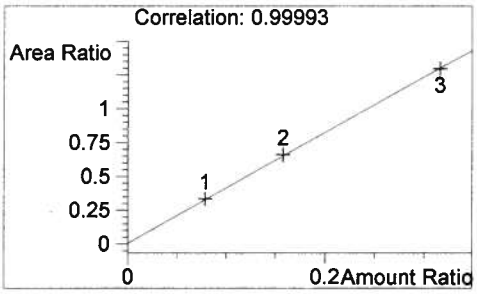
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

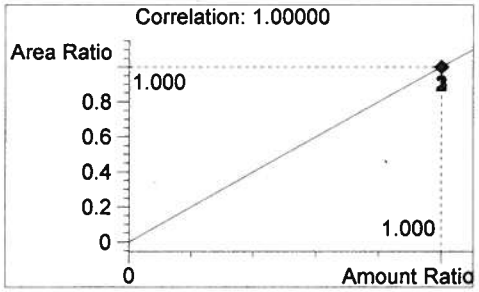
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3562	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

DC

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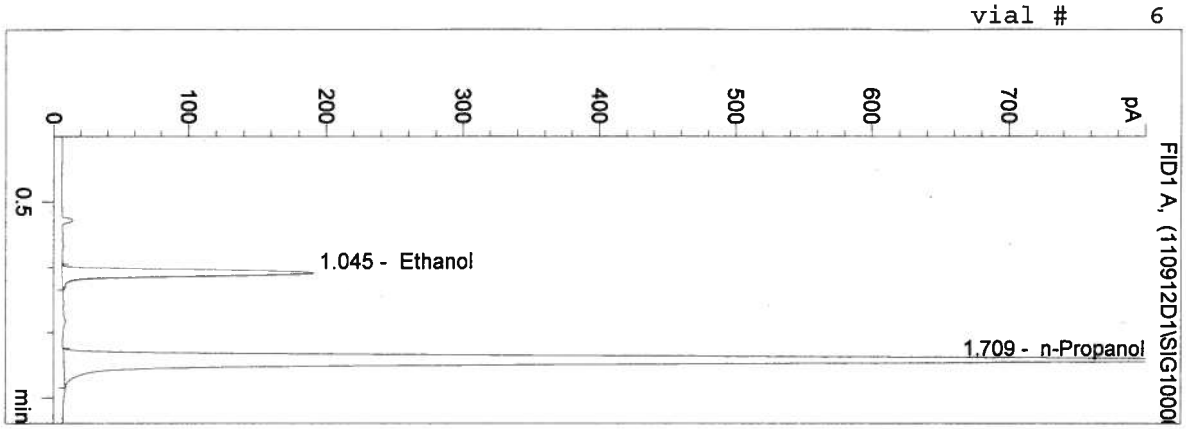
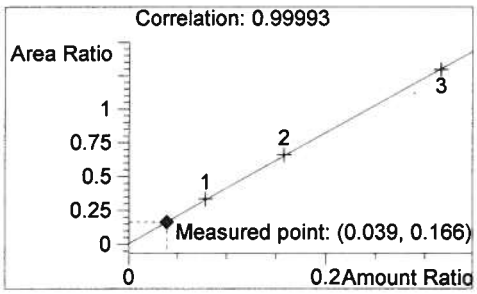
Instrument 1
DB-ALC1

0.04 CTRL-DC
Dawn Cox

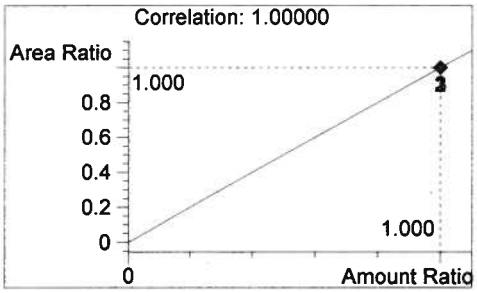
vial # 6



#	Compound	Area	RT
1	Ethanol	595	1.045
2	n-Propanol	3597	1.709
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

11039

DC

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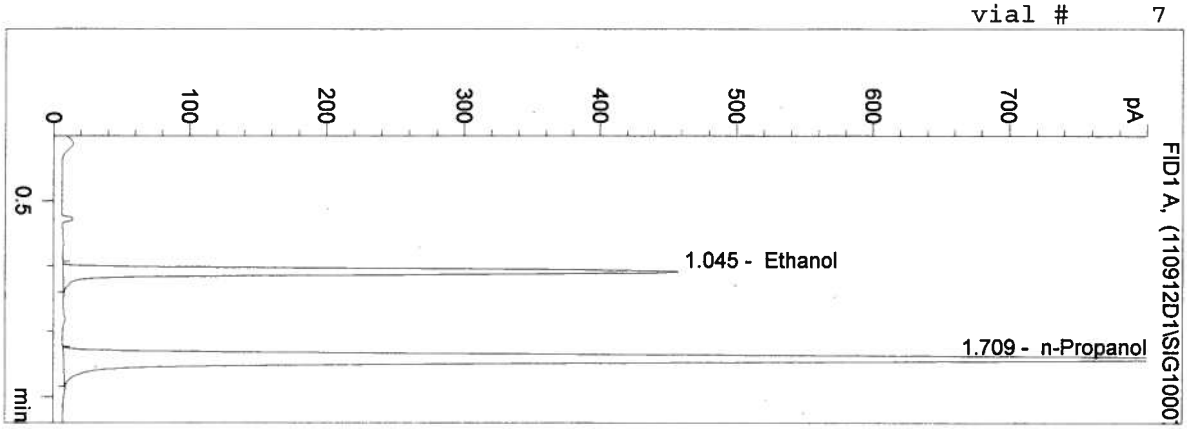
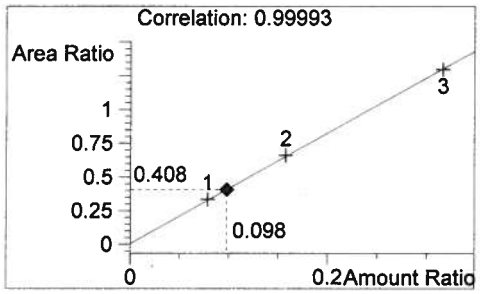
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

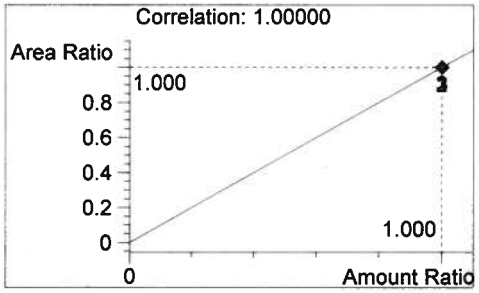
vial # 7



#	Compound	Area	RT
1	Ethanol	1453	1.045
2	n-Propanol	3565	1.709
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

11039

DL

WASHINGTON STATE TOXICOLOGY LABORATORY

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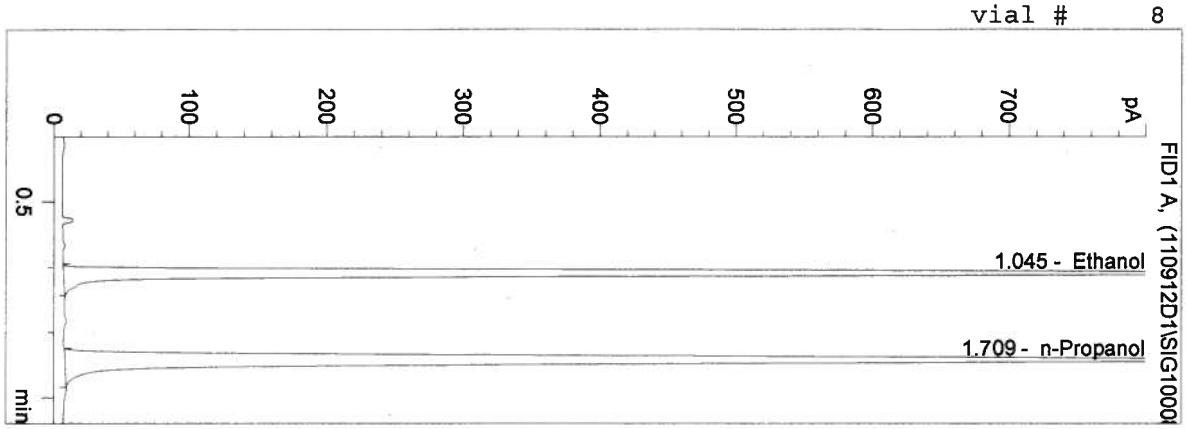
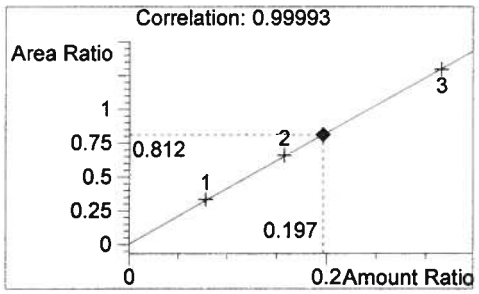
Instrument 1
DB-ALC1

0.20 CTRL-DC
Dawn Cox

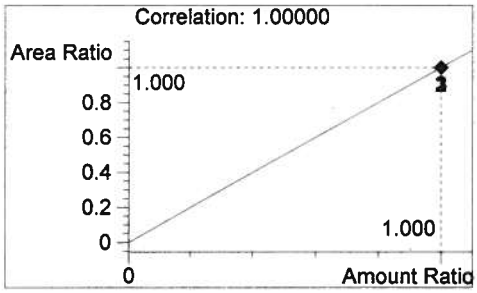
vial # 8



#	Compound	Area	RT
1	Ethanol	2869	1.045
2	n-Propanol	3532	1.709
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

11039

DC

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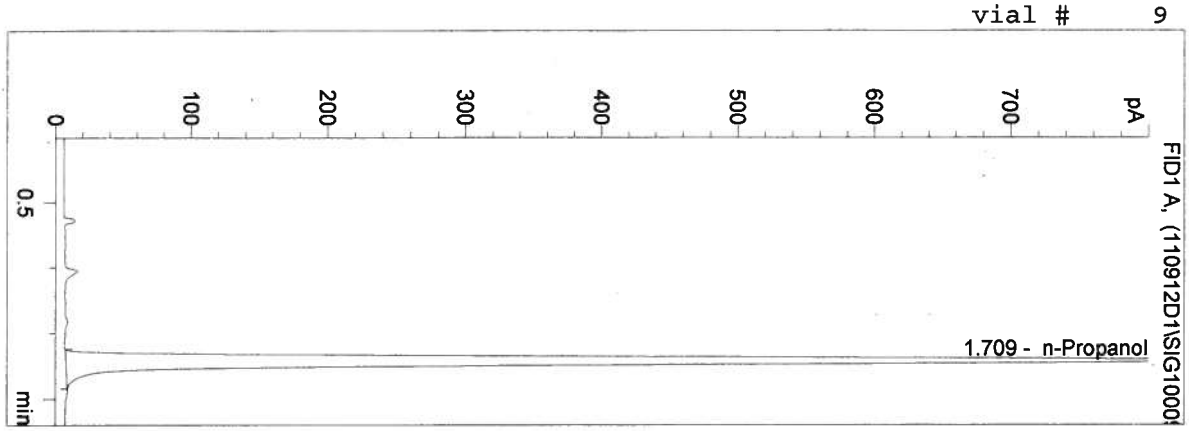
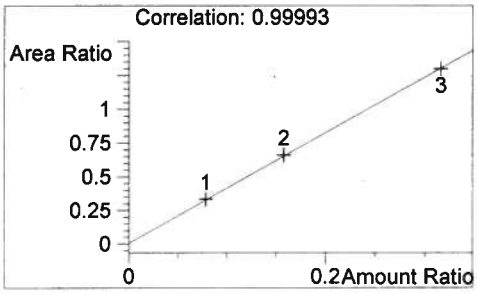
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

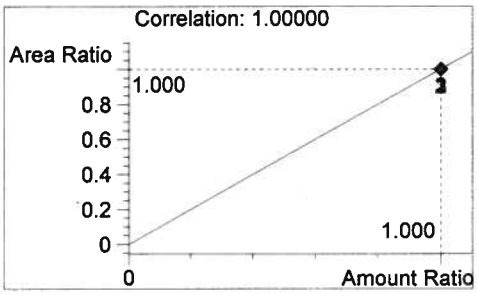
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3502	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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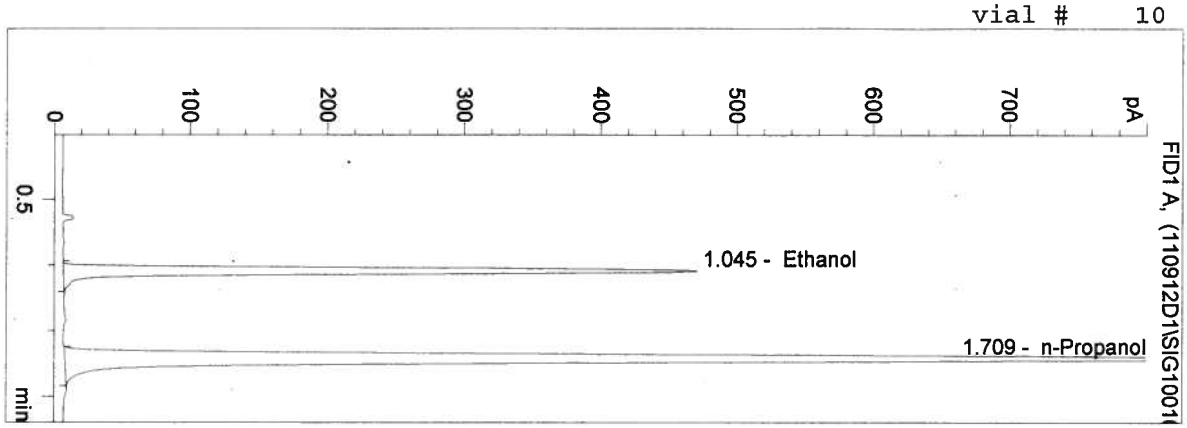
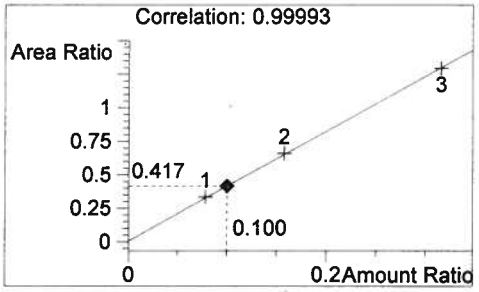
9/12/2011 1:46:11 PM
Instrument 1
DB-ALC1

11039 #1
Dawn Cox

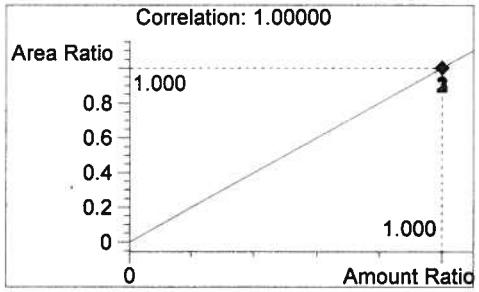
vial # 10



#	Compound	Area	RT
1	Ethanol	1495	1.045
2	n-Propanol	3585	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

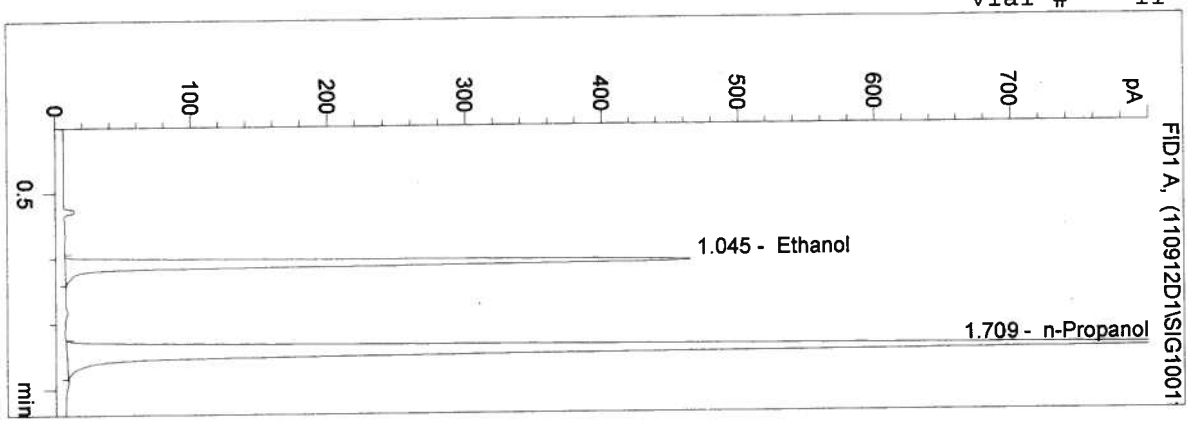
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

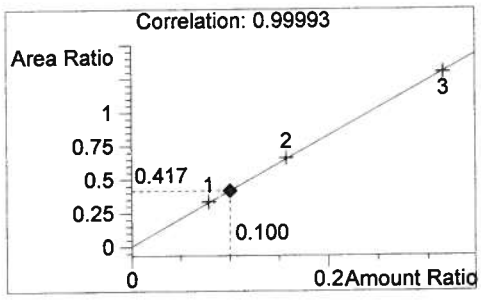
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 1:49:16 PM
Instrument 1
DB-ALC1

11039 #2
Dawn Cox

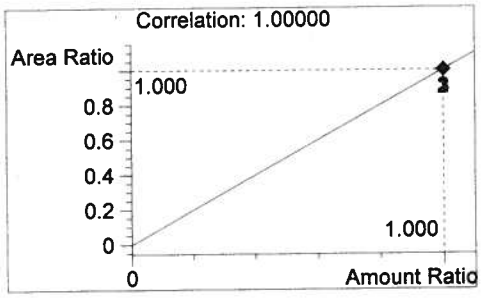
vial # 11



#	Compound	Area	RT
1	Ethanol	1480	1.045
2	n-Propanol	3551	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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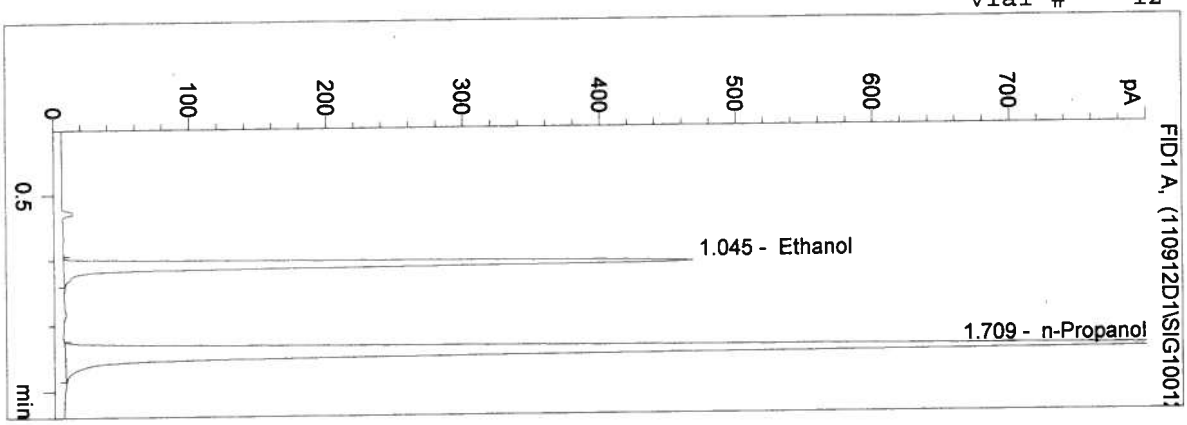
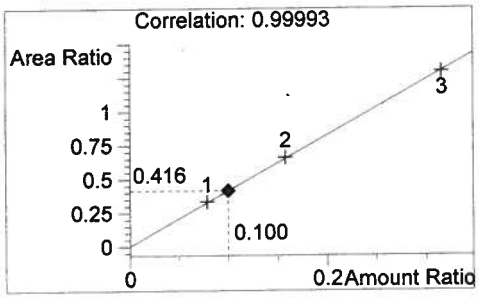
9/12/2011 1:52:21 PM
Instrument 1
DB-ALC1

11039 #3
Dawn Cox

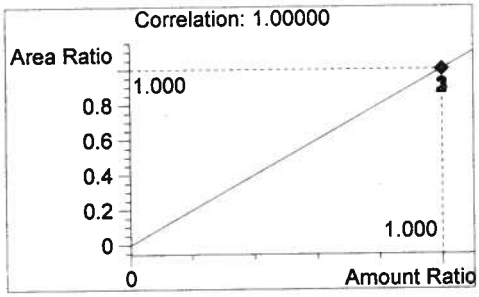
vial # 12



#	Compound	Area	RT
1	Ethanol	1490	1.045
2	n-Propanol	3579	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

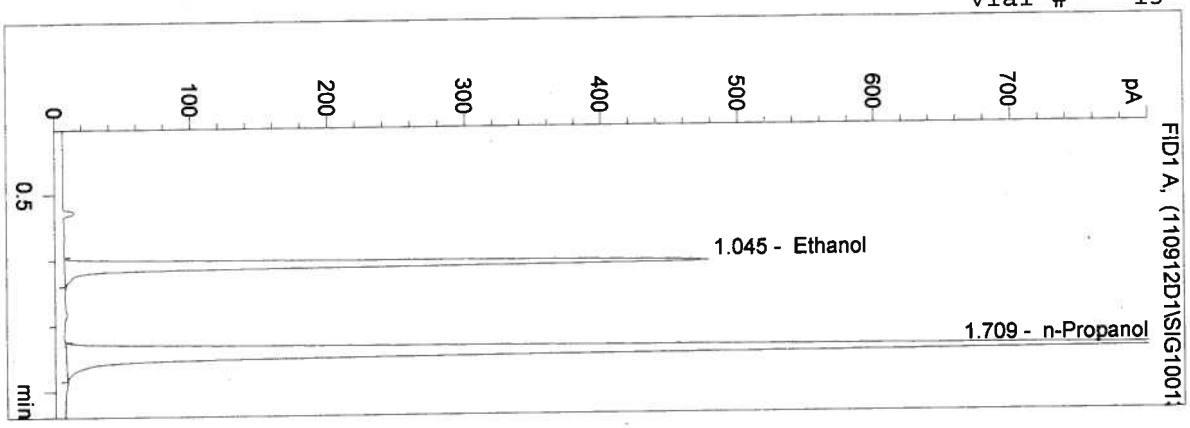
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

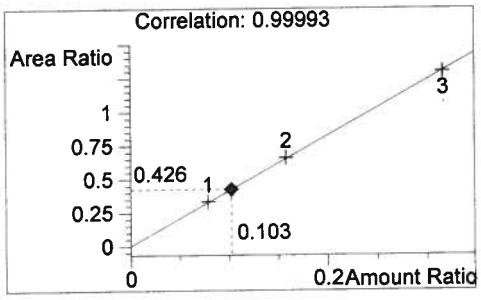
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 1:55:25 PM
Instrument 1
DB-ALC1

11039 #4
Dawn Cox

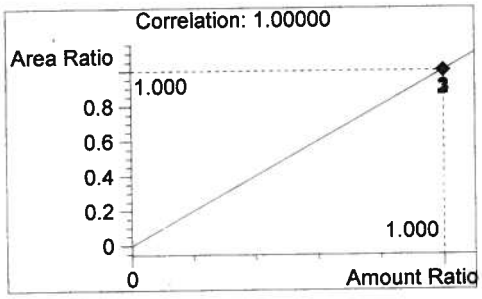
vial # 13



#	Compound	Area	RT
1	Ethanol	1518	1.045
2	n-Propanol	3564	1.709
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

DC

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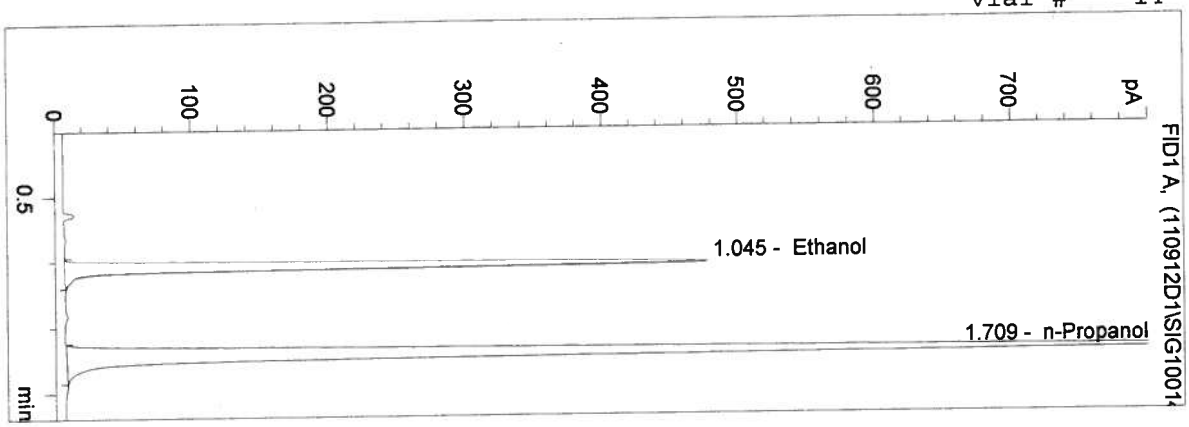
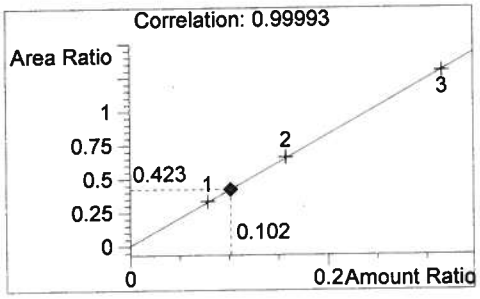
Instrument 1
DB-ALC1

11039 #5
Dawn Cox

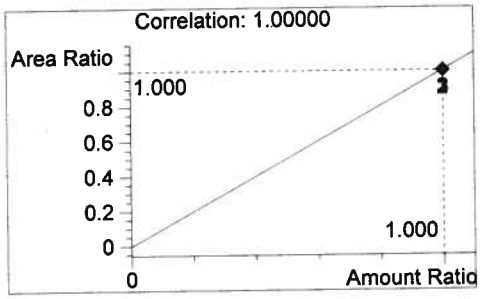
vial # 14



#	Compound	Area	RT
1	Ethanol	1520	1.045
2	n-Propanol	3597	1.709
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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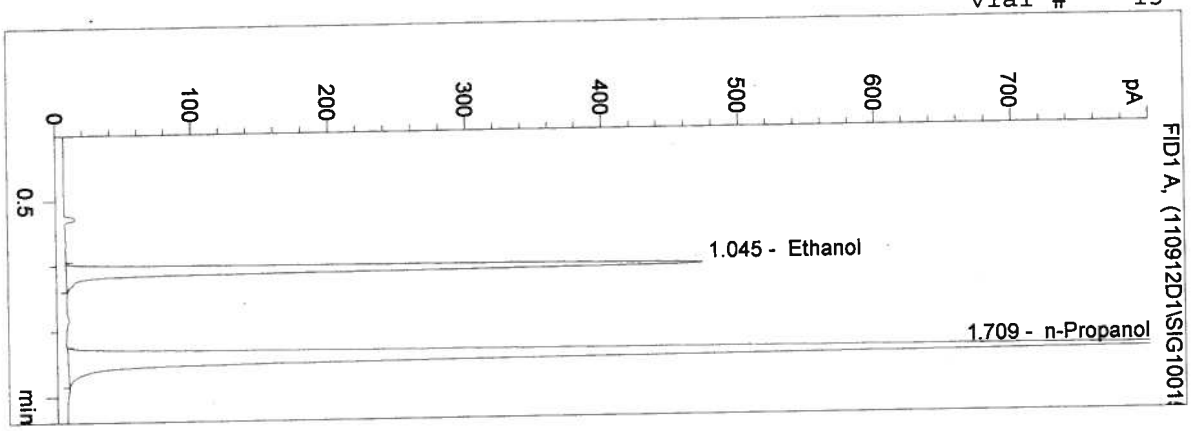
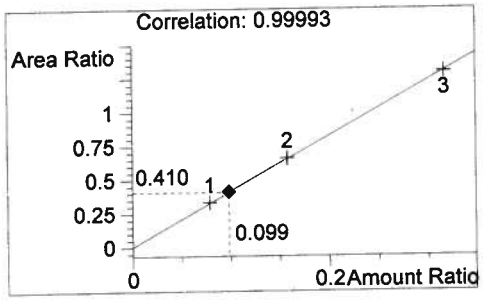
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

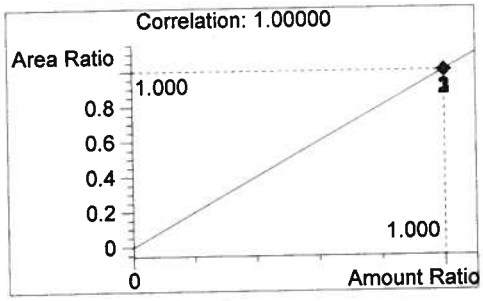
vial # 15



#	Compound	Area	RT
1	Ethanol	1508	1.045
2	n-Propanol	3681	1.709
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11039

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WASHINGTON STATE TOXICOLOGY LABORATORY

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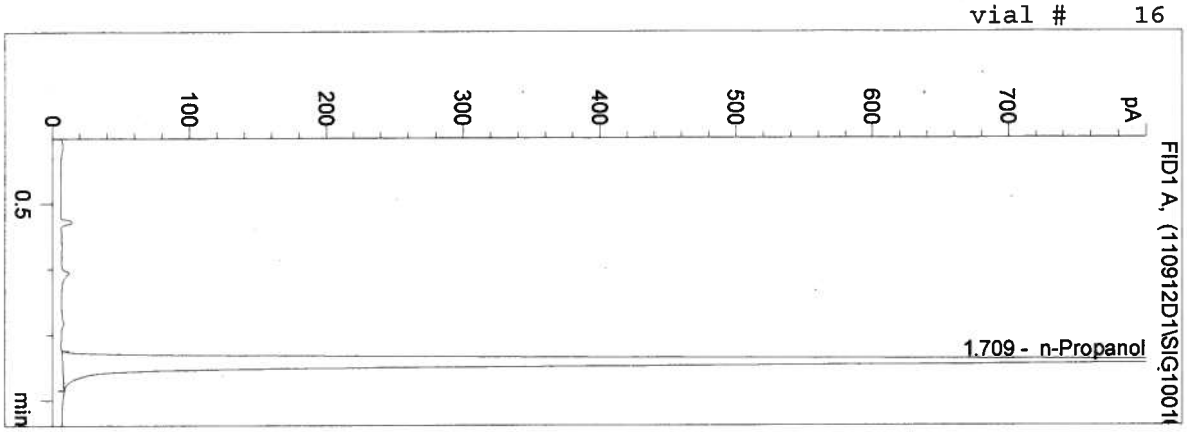
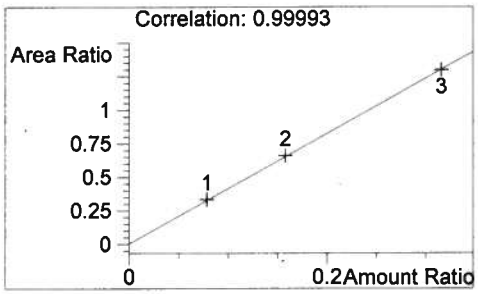
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

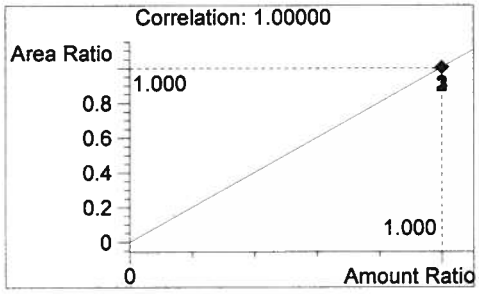
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3677	1.709
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

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Sequence Parameters:

Operator:	asa louis
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110912AL
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# a075264 exp 10/2014
0.10 control lot# a075806 exp 11/2014
0.20 control lot# a076521 exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	blank	SIMALC1	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC1	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC1	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC1	1	Calib		
5	Vial 5	neg control - al	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC1	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC1	1	Ctrl Samp		
10	Vial 10	11039 #1	SIMALC1	1	Sample		
11	Vial 11	11039 #2	SIMALC1	1	Sample		
12	Vial 12	11039 #3	SIMALC1	1	Sample		
13	Vial 13	11039 #4	SIMALC1	1	Sample		
14	Vial 14	11039 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC1	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC1	1	Ctrl Samp		

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20110914

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 cal 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 cal 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 cal 3	SIMALC1	3	Replace	Replace	

11039

Sequence Table (Back Injector):

No entries - empty table!

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AL 20110914
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WASHINGTON STATE TOXICOLOGY LABORATORY

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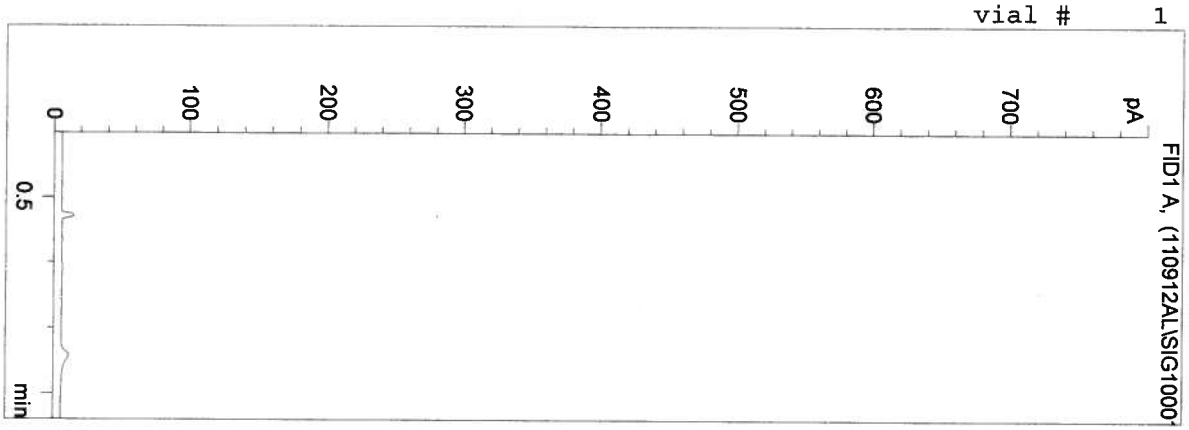
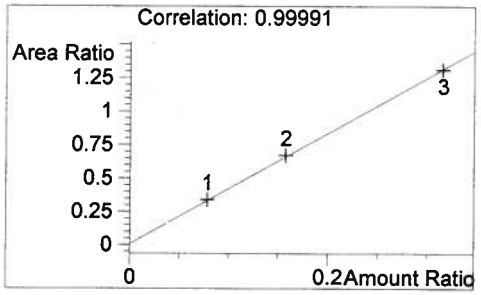
Instrument 1
DB-ALC1

blank
asa louis

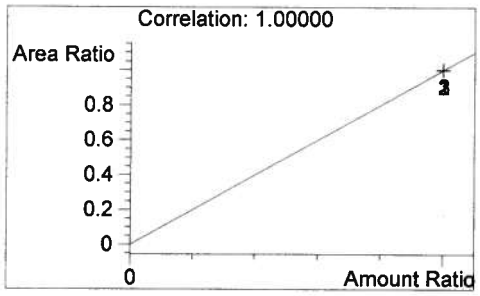
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

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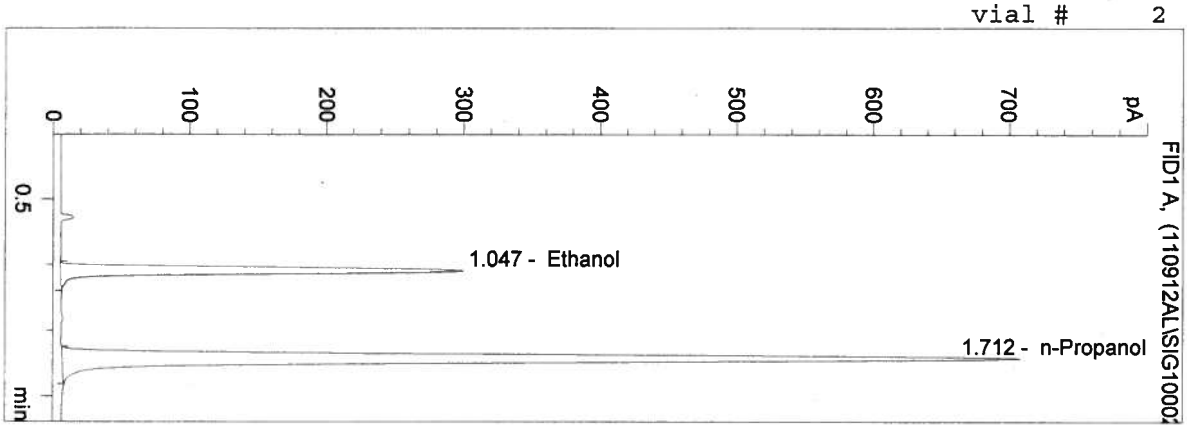
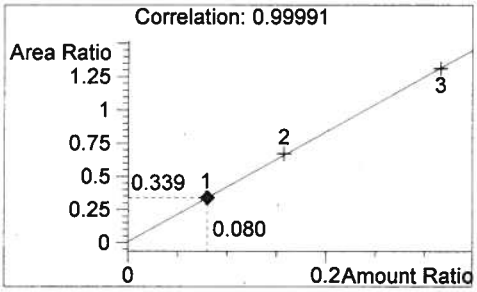
Instrument 1
DB-ALC1

0.079 cal 1
asa louis

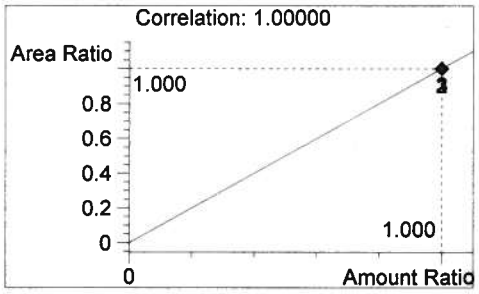
vial # 2



#	Compound	Area	RT
1	Ethanol	964	1.047
2	n-Propanol	2842	1.712
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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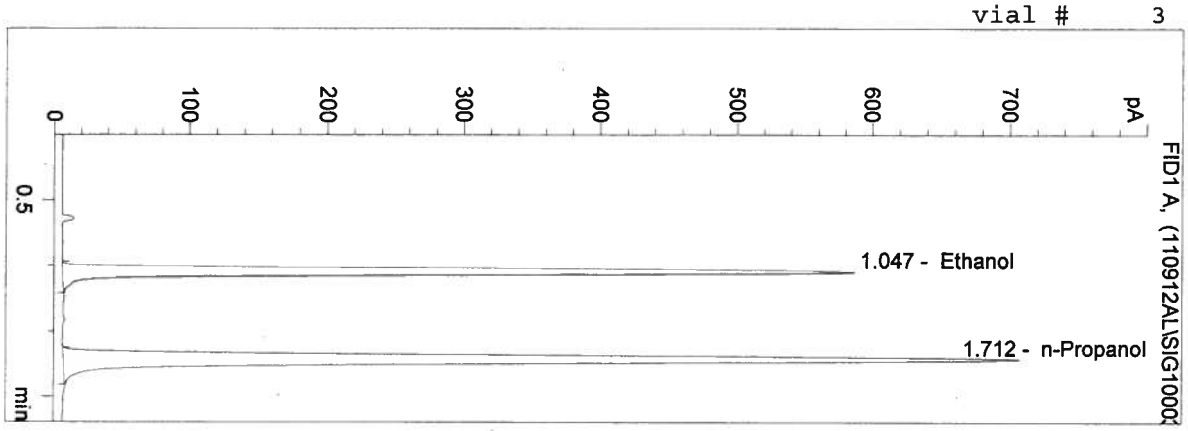
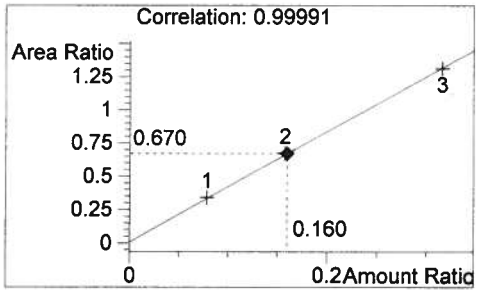
Instrument 1
DB-ALC1

0.158 cal 2
asa louis

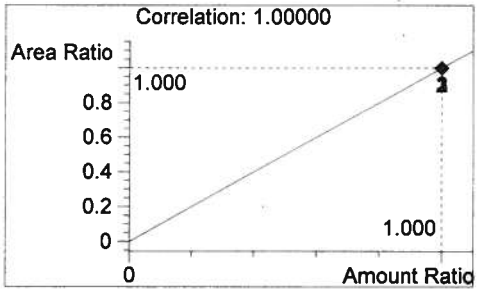
vial # 3



#	Compound	Area	RT
1	Ethanol	1908	1.047
2	n-Propanol	2849	1.712
Tot			



Ethanol 0.160 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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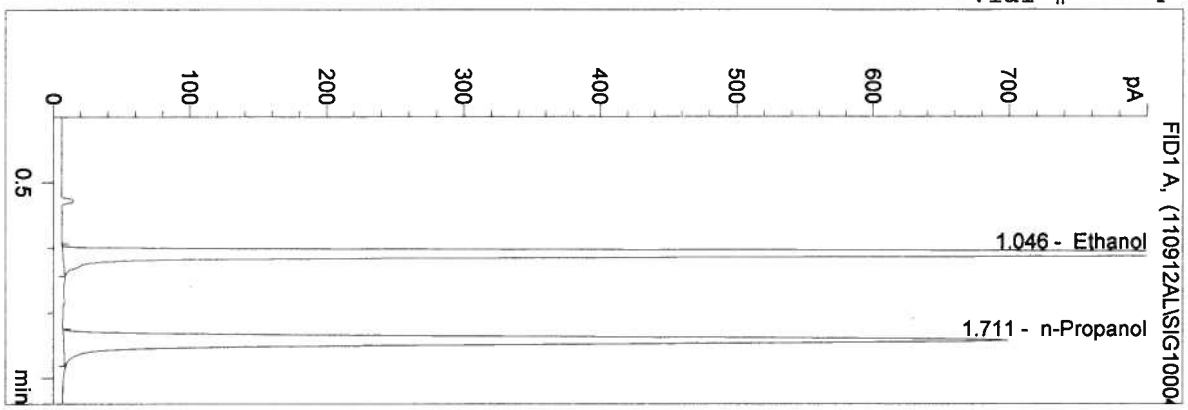
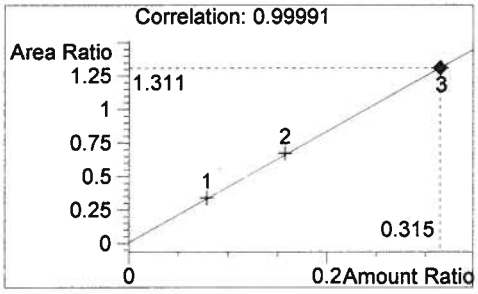
Instrument 1
DB-ALC1

0.316 cal 3
asa louis

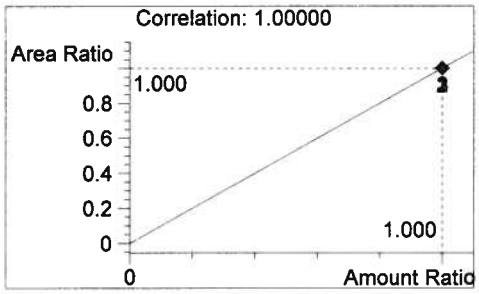
vial # 4



#	Compound	Area	RT
1	Ethanol	3665	1.046
2	n-Propanol	2796	1.711
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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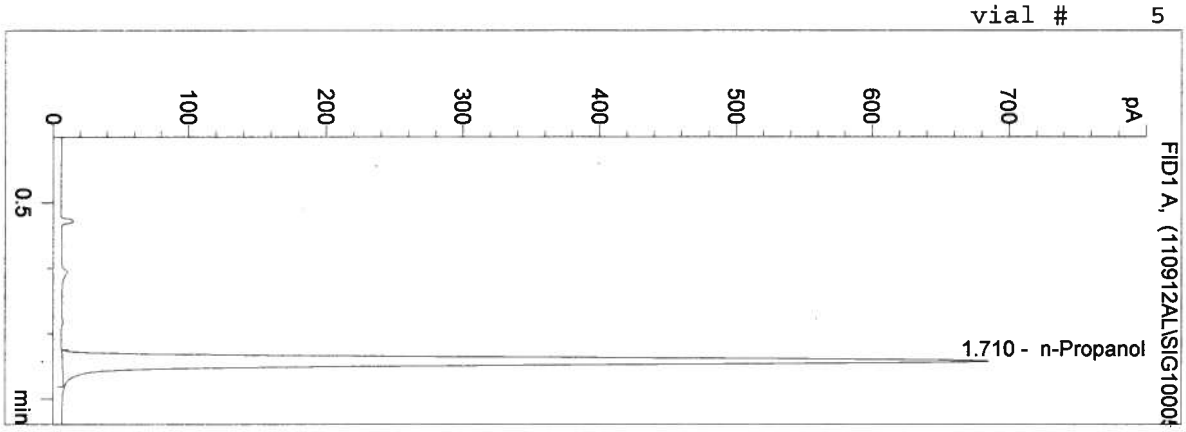
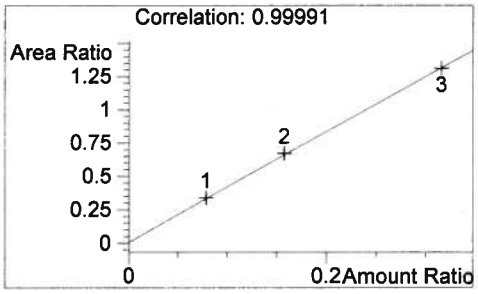
Instrument 1
DB-ALC1

neg control - al
asa louis

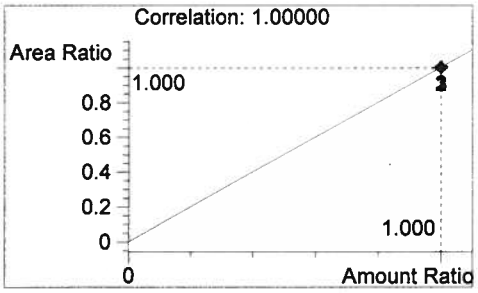
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2751	1.710
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110912 AL 20110914

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WASHINGTON STATE TOXICOLOGY LABORATORY

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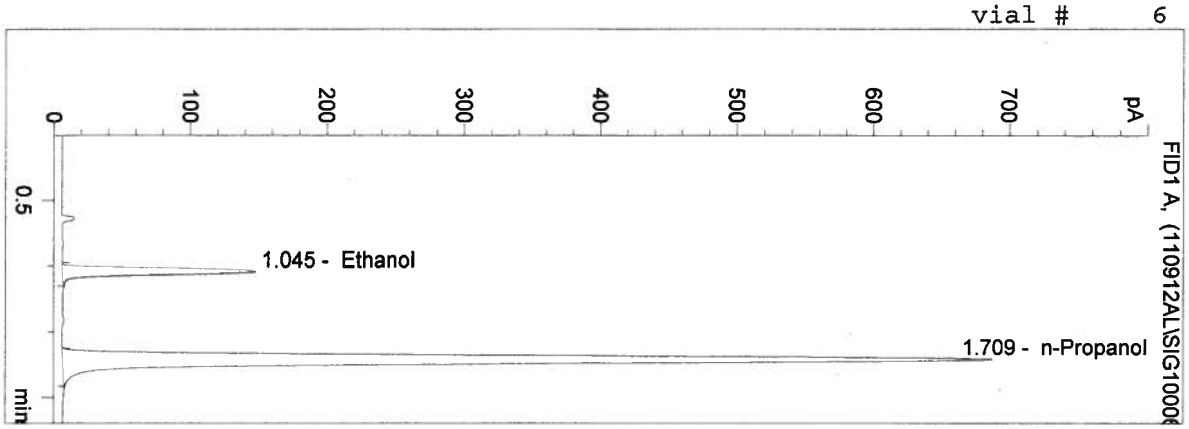
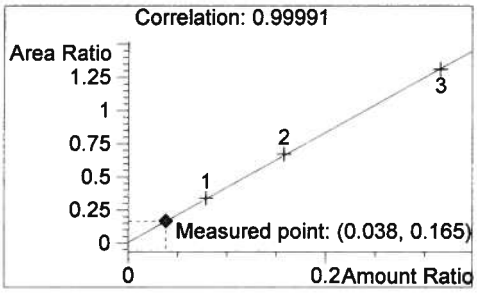
Instrument 1
DB-ALC1

0.04 ctrl al
asa louis

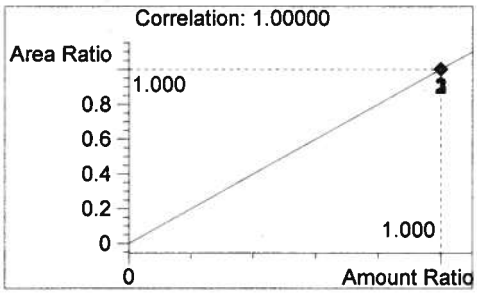
vial # 6



#	Compound	Area	RT
1	Ethanol	456	1.045
2	n-Propanol	2761	1.709
Tot			



Ethanol 0.038 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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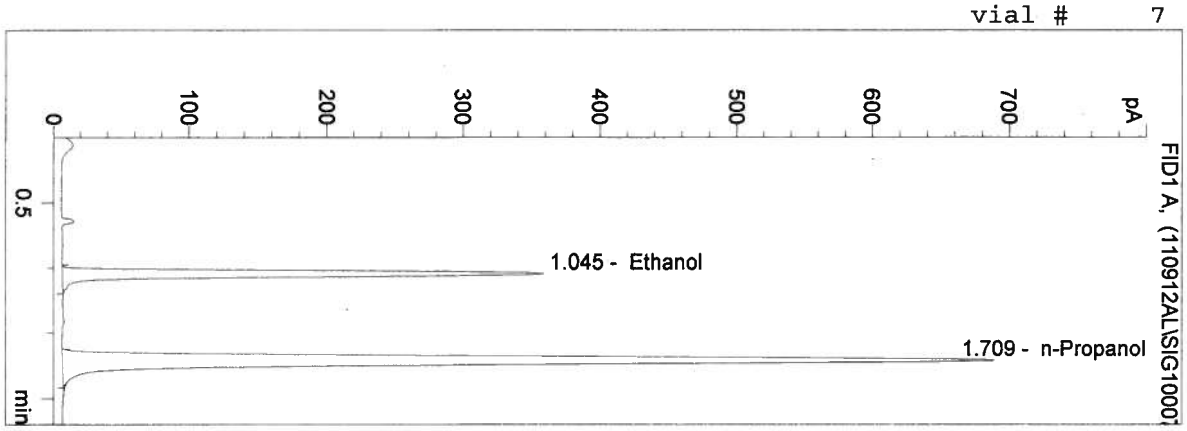
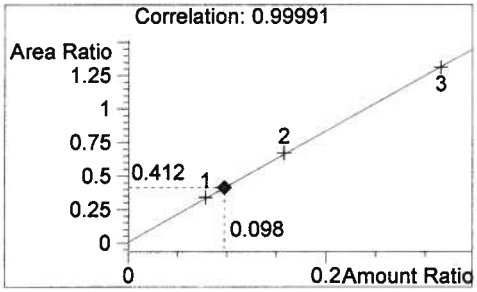
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

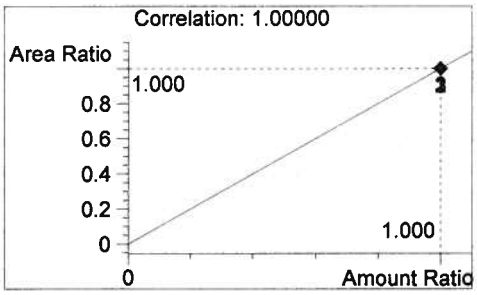
vial # 7



#	Compound	Area	RT
1	Ethanol	1143	1.045
2	n-Propanol	2771	1.709
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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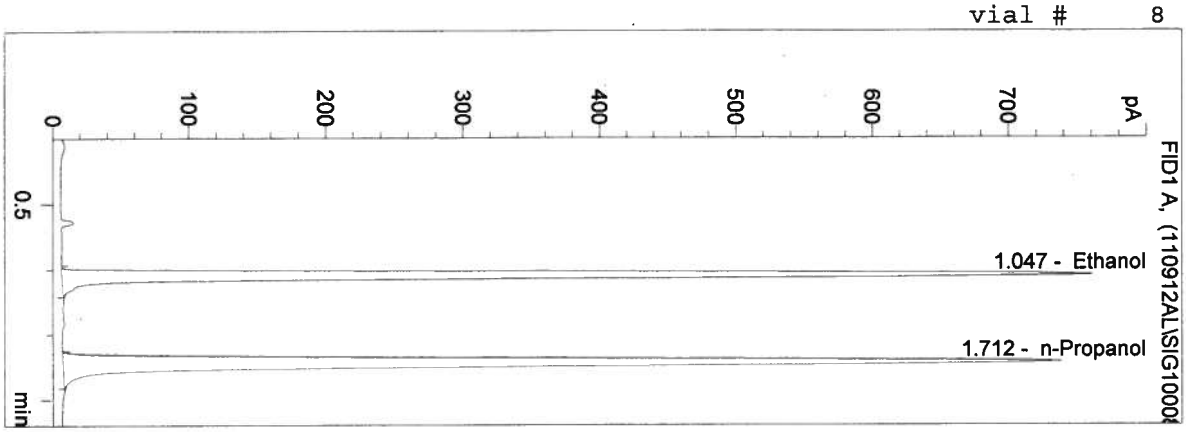
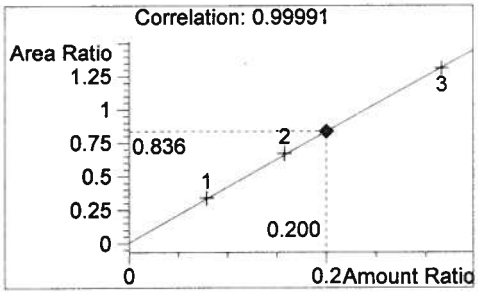
Instrument 1
DB-ALC1

0.20 ctrl al
asa louis

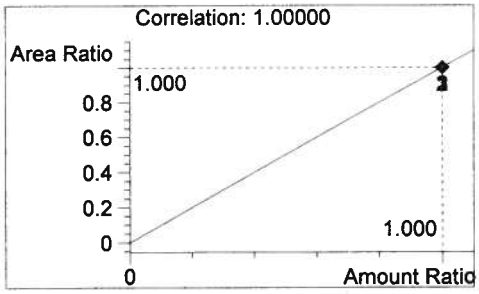
vial # 8



#	Compound	Area	RT
1	Ethanol	2484	1.047
2	n-Propanol	2971	1.712
Tot			



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

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AL 20110914

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WASHINGTON STATE TOXICOLOGY LABORATORY

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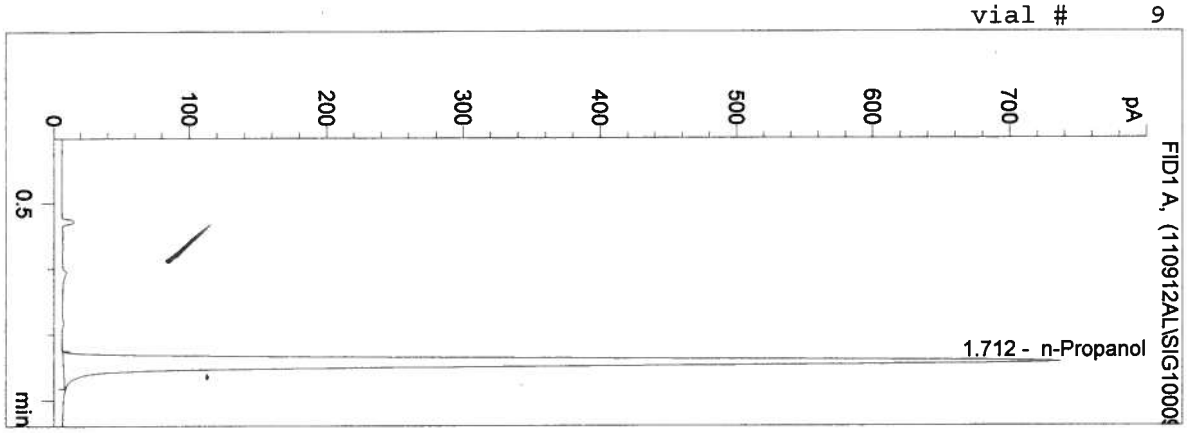
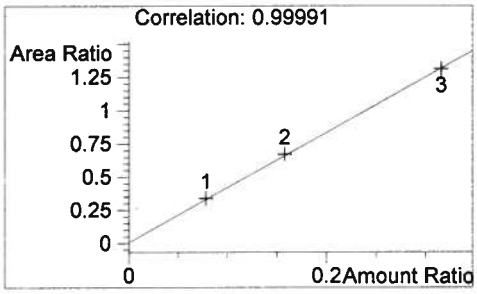
Instrument 1
DB-ALC1

neg control - al
asa louis

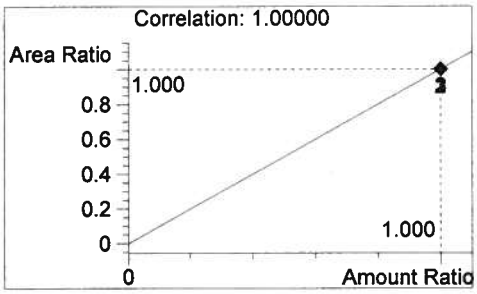
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2970	1.712
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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20110914

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WASHINGTON STATE TOXICOLOGY LABORATORY

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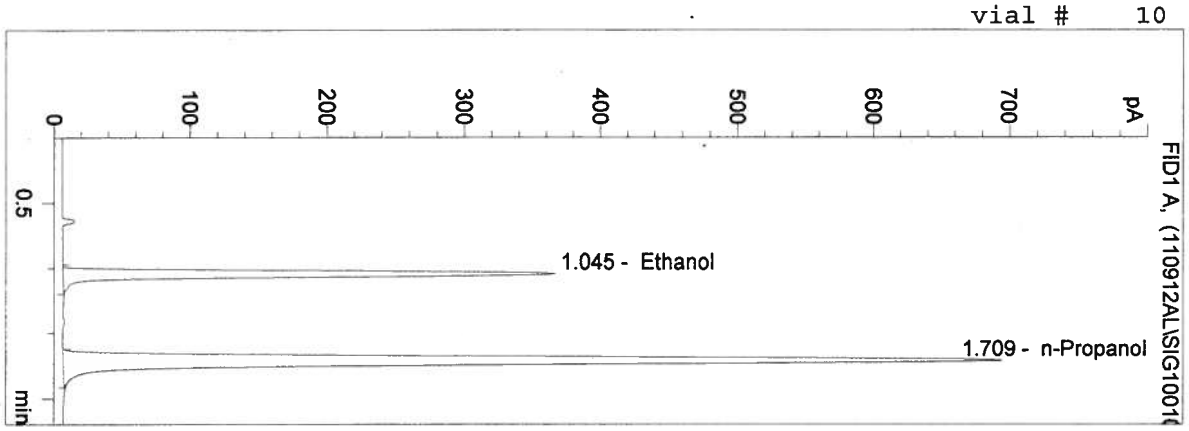
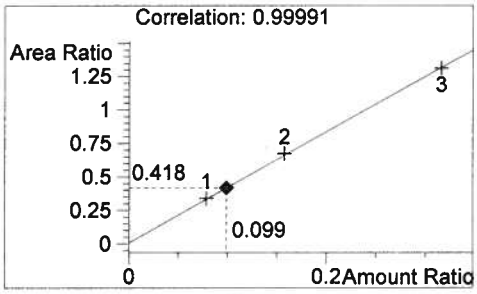
Instrument 1
DB-ALC1

11039 #1
asa louis

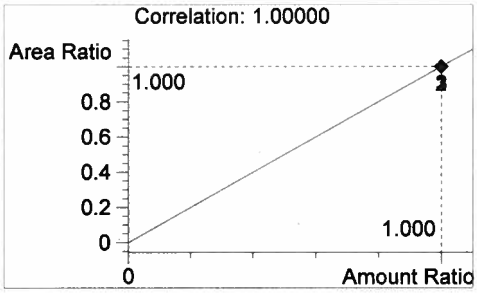
vial # 10



#	Compound	Area	RT
1	Ethanol	1168	1.045
2	n-Propanol	2792	1.709
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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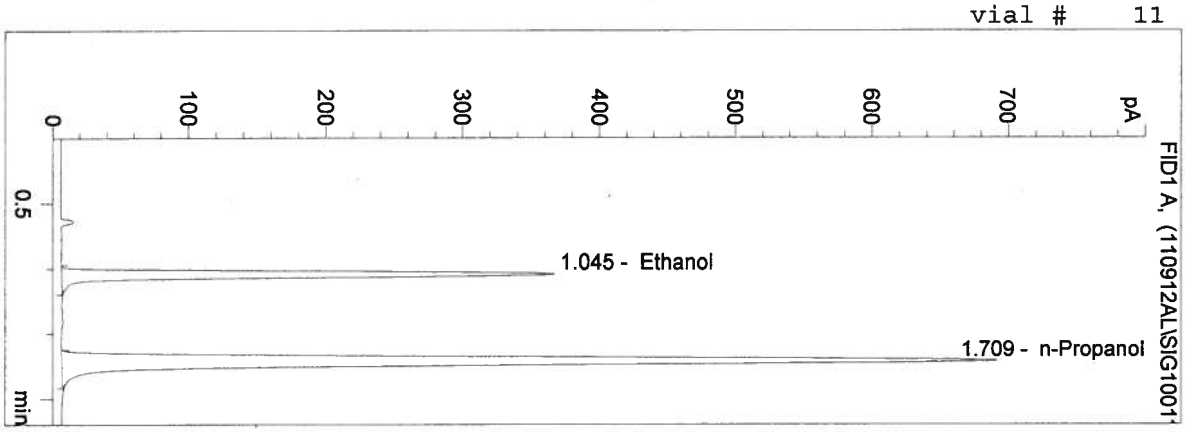
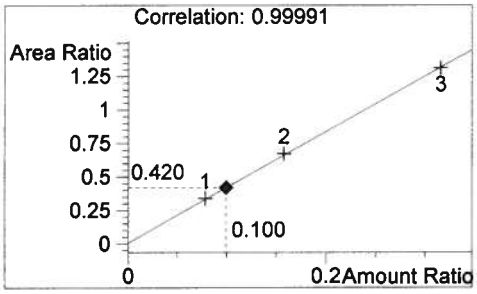
Instrument 1
DB-ALC1

11039 #2
asa louis

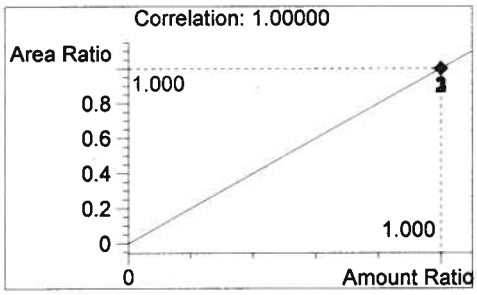
vial # 11



#	Compound	Area	RT
1	Ethanol	1170	1.045
2	n-Propanol	2785	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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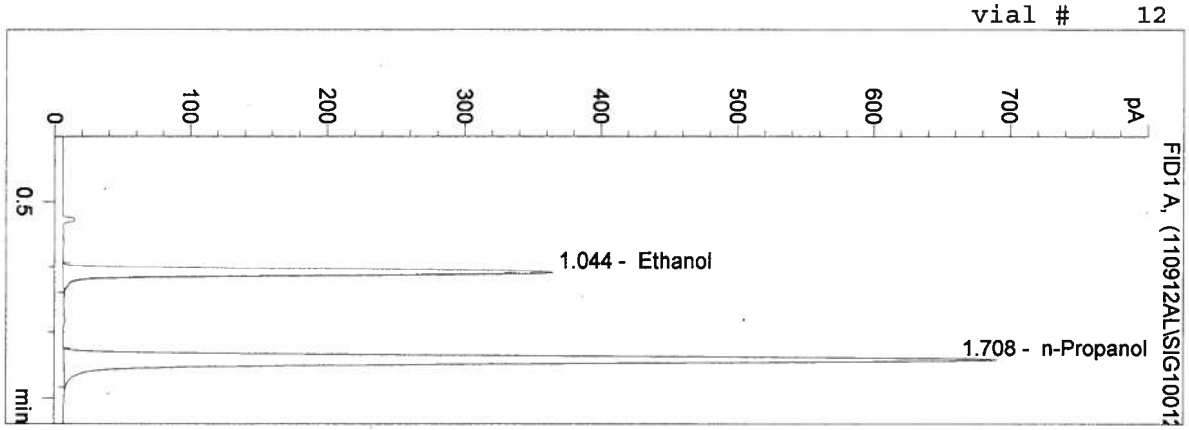
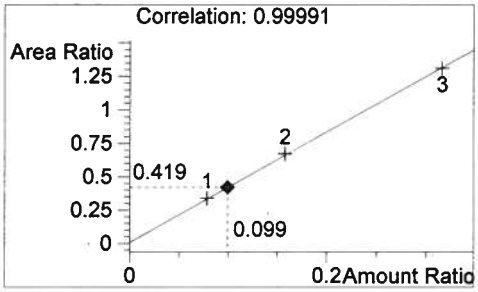
Instrument 1
DB-ALC1

11039 #3
asa louis

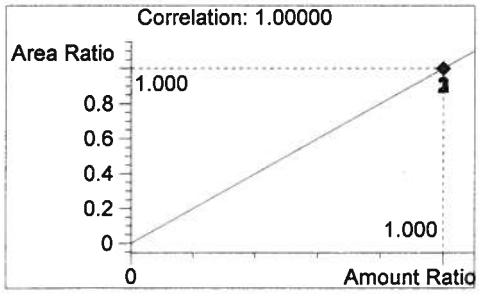
vial # 12



#	Compound	Area	RT
1	Ethanol	1159	1.044
2	n-Propanol	2765	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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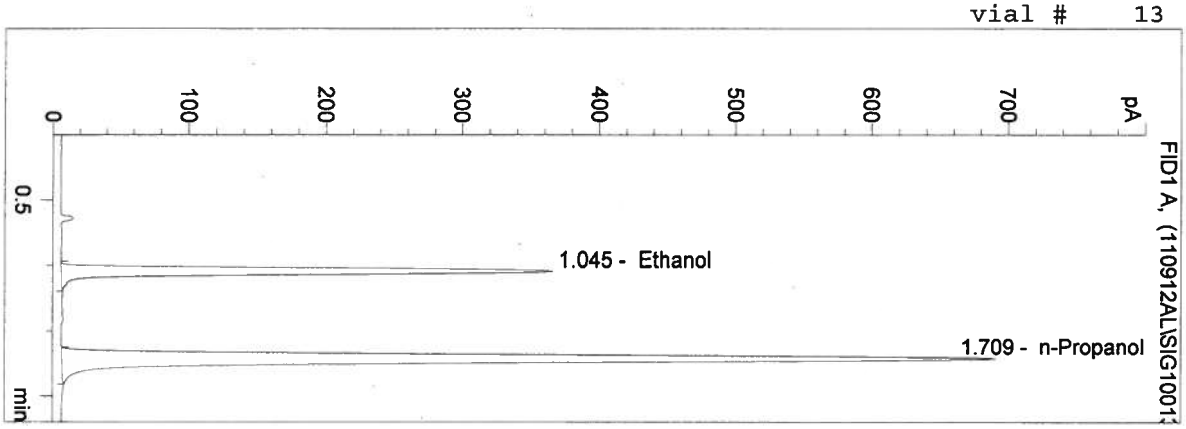
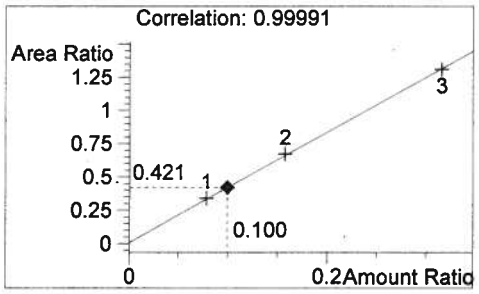
Instrument 1
DB-ALC1

11039 #4
asa louis

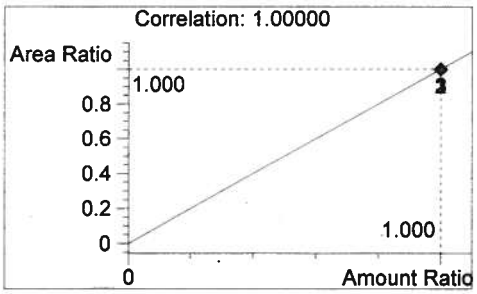
vial # 13



#	Compound	Area	RT
1	Ethanol	1169	1.045
2	n-Propanol	2776	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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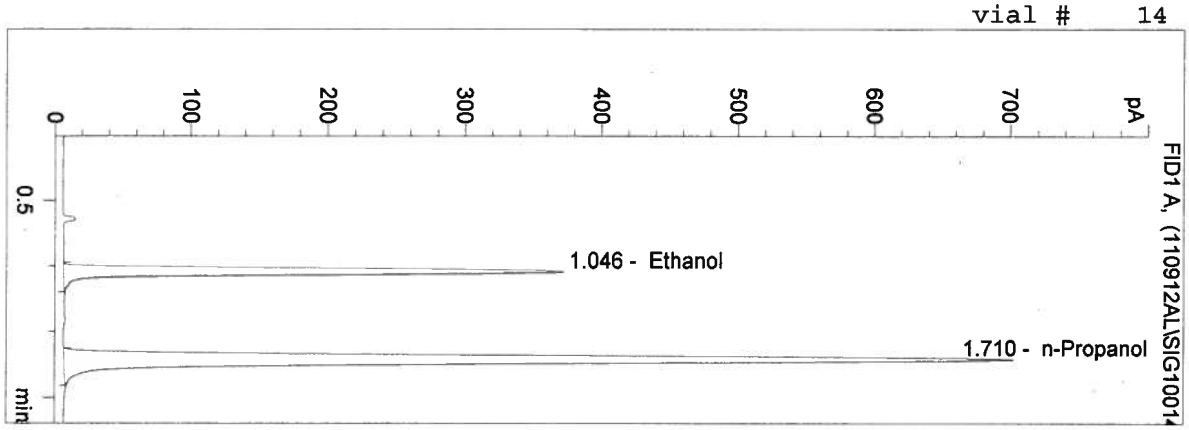
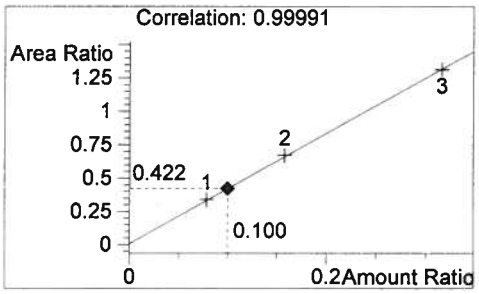
Instrument 1
DB-ALC1

11039 #5
asa louis

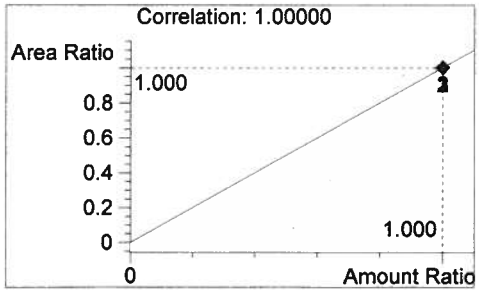
vial # 14



#	Compound	Area	RT
1	Ethanol	1191	1.046
2	n-Propanol	2822	1.710
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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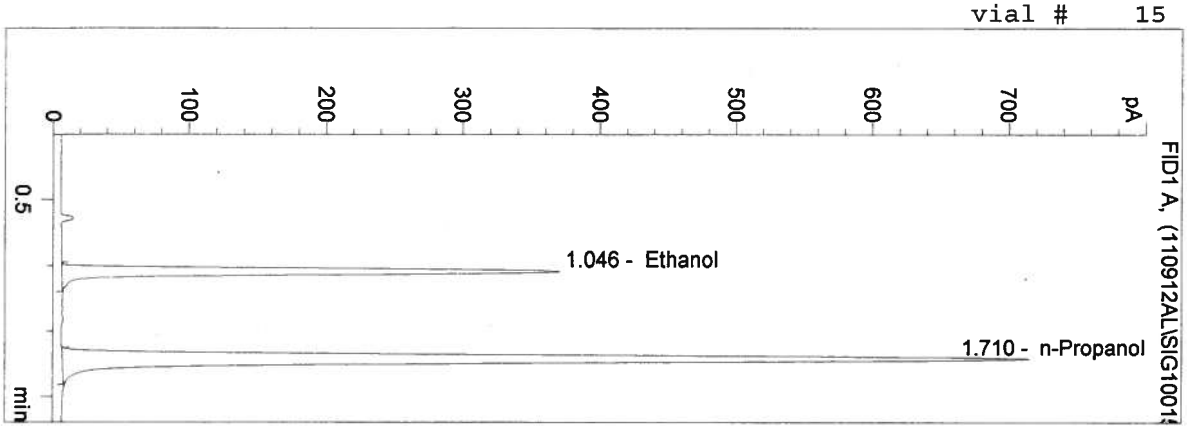
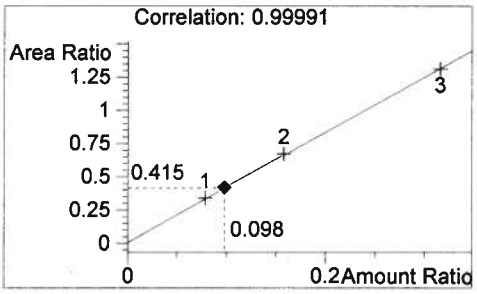
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

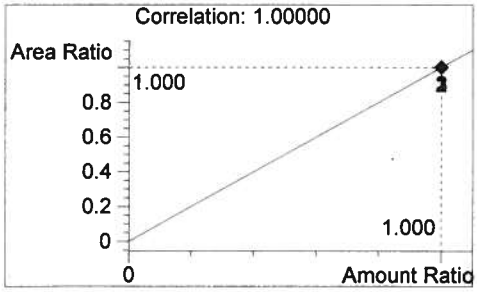
vial # 15



#	Compound	Area	RT
1	Ethanol	1192	1.046
2	n-Propanol	2876	1.710
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

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Instrument 1
DB-ALC1

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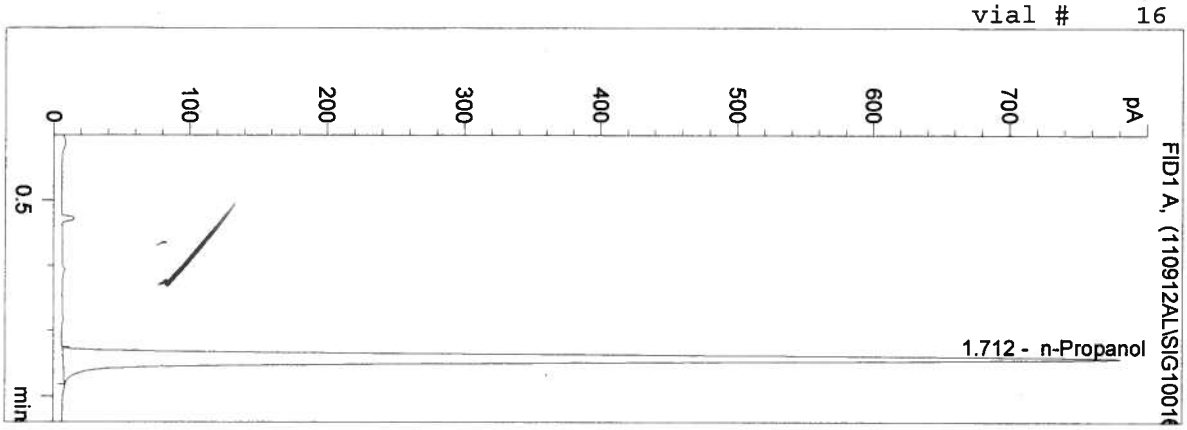
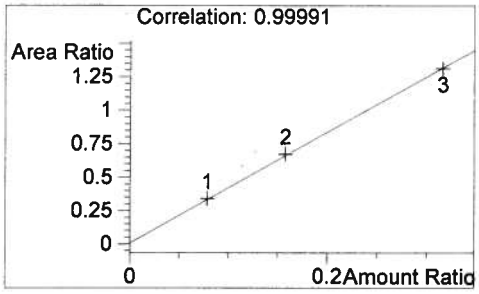
asa louis

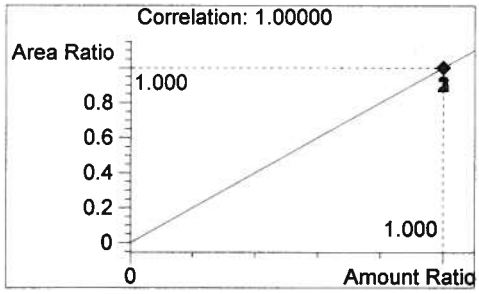
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3152	1.712
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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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\1\DATA\
Data Subdirectory:	110912CJ
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK-CJ	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		
10	Vial 10	ESS 11039 #1	SIMALC1	1	Sample		
11	Vial 11	ESS 11039 #2	SIMALC1	1	Sample		
12	Vial 12	ESS 11039 #3	SIMALC1	1	Sample		
13	Vial 13	ESS 11039 #4	SIMALC1	1	Sample		
14	Vial 14	ESS 11039 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

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Sequence Table (Back Injector):

No entries - empty table!

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WASHINGTON STATE TOXICOLOGY LABORATORY

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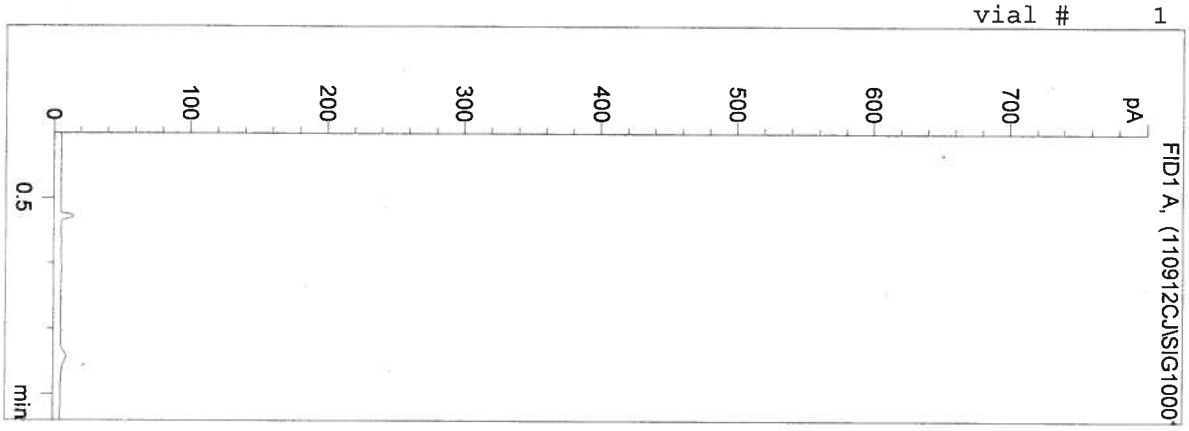
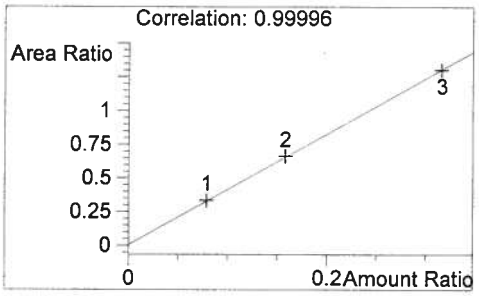
Instrument 1
DB-ALC1

BLANK-CJ
Chris Johnston

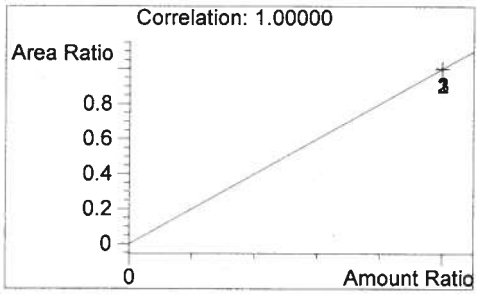
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
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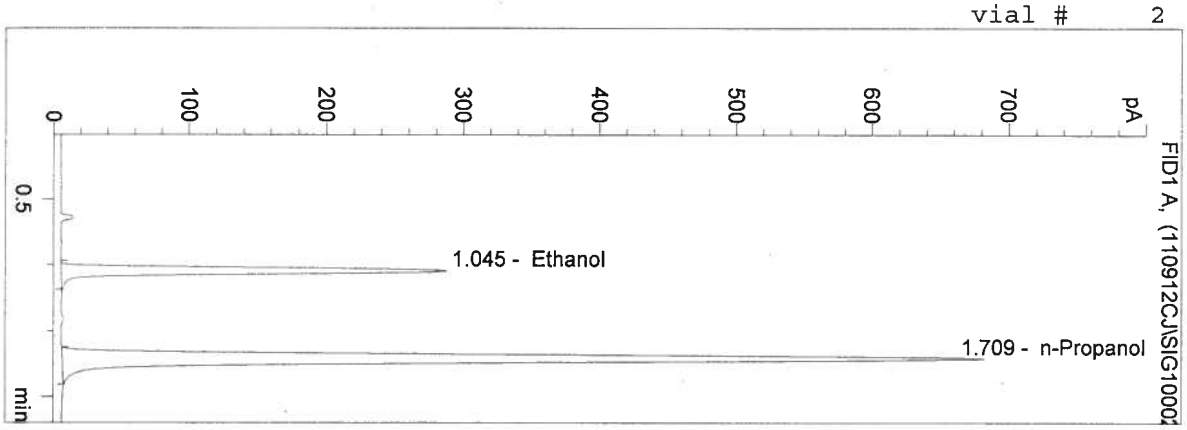
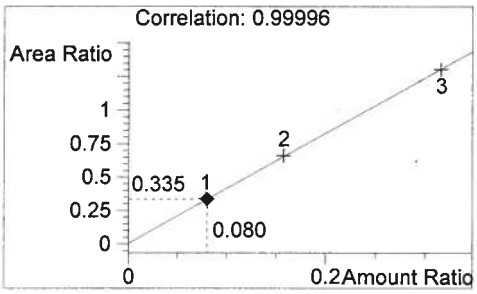
Instrument 1
DB-ALC1

0.079 CAL 1
Chris Johnston

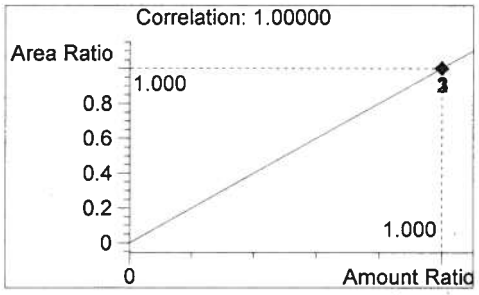
vial # 2



#	Compound	Area	RT
1	Ethanol	916	1.045
2	n-Propanol	2738	1.709
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

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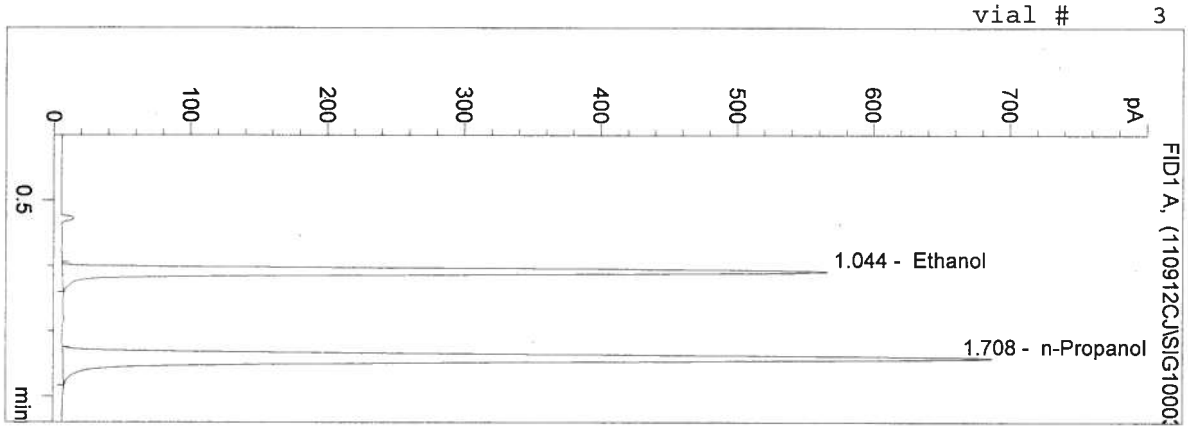
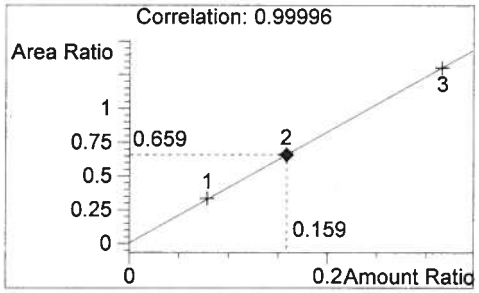
Instrument 1
DB-ALC1

0.158 CAL 2
Chris Johnston

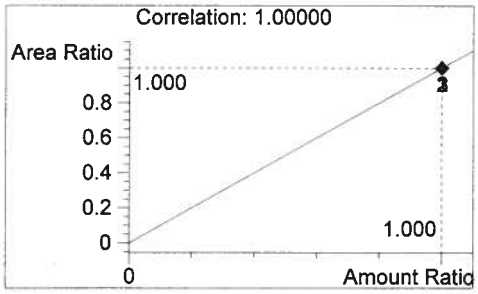
vial # 3



#	Compound	Area	RT
1	Ethanol	1817	1.044
2	n-Propanol	2758	1.708
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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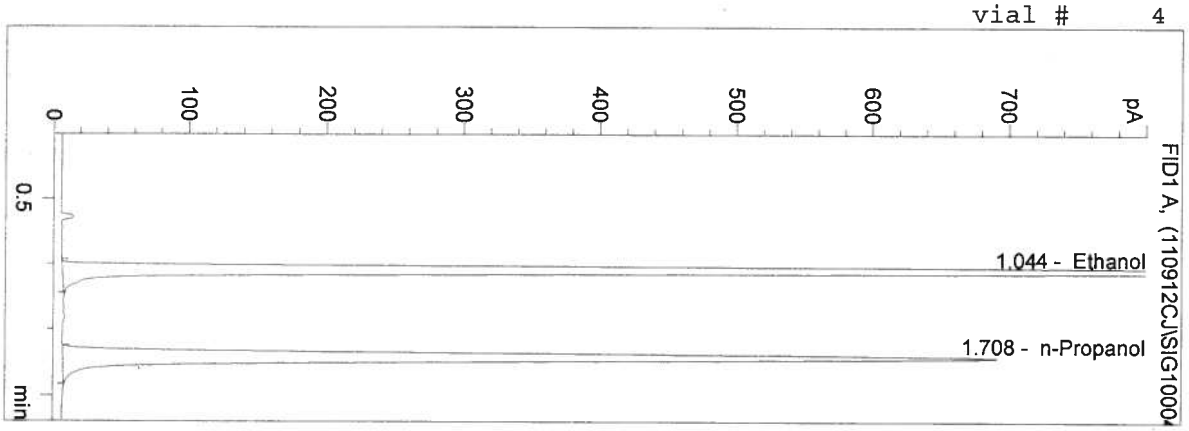
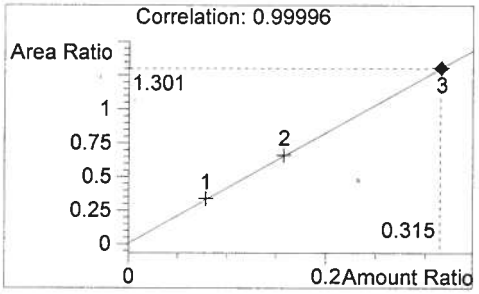
Instrument 1
DB-ALC1

0.316 CAL 3
Chris Johnston

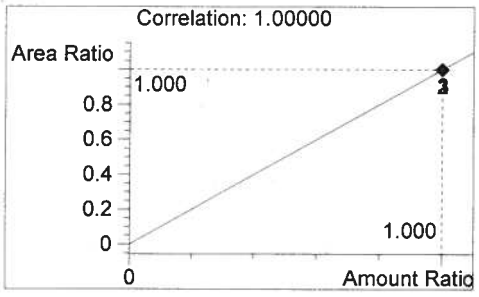
vial # 4



#	Compound	Area	RT
1	Ethanol	3612	1.044
2	n-Propanol	2776	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

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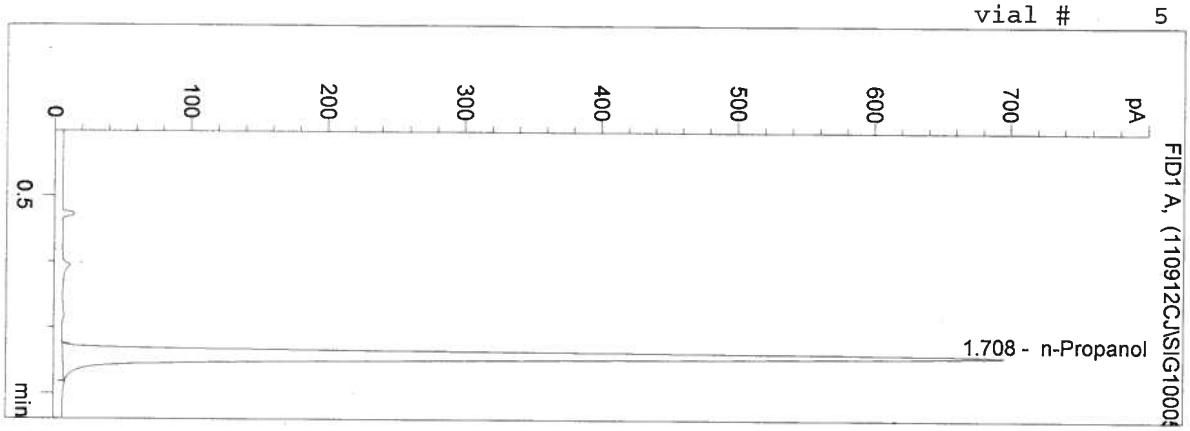
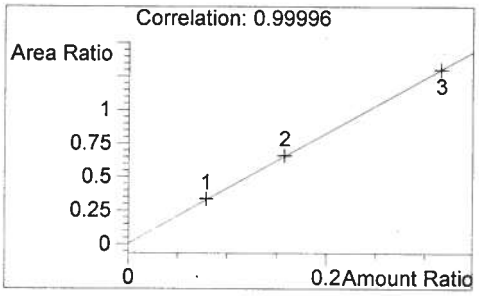
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

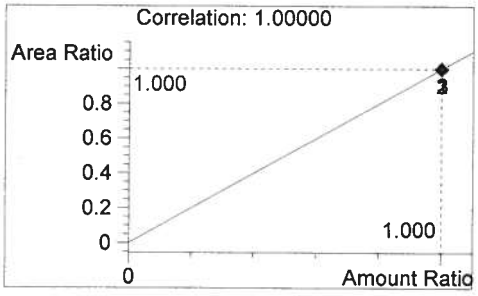
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2803	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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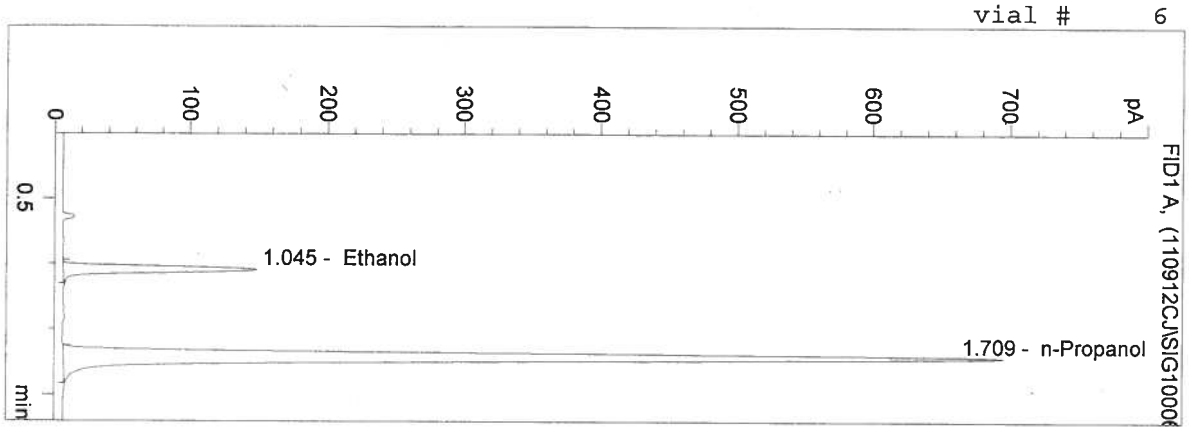
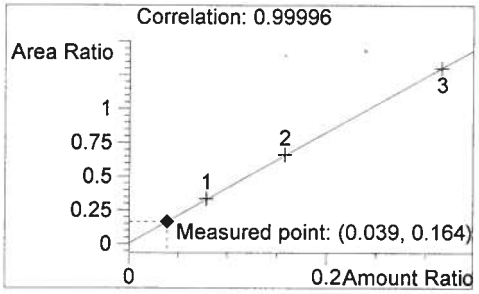
Instrument 1
DB-ALC1

0.04 CTRL-CJ
Chris Johnston

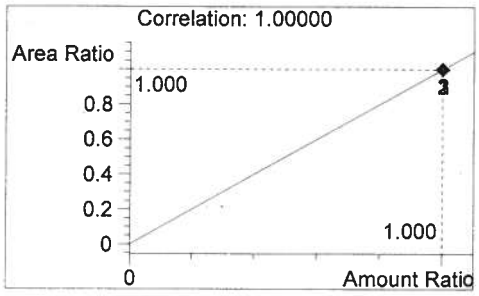
vial # 6



#	Compound	Area	RT
1	Ethanol	460	1.045
2	n-Propanol	2799	1.709
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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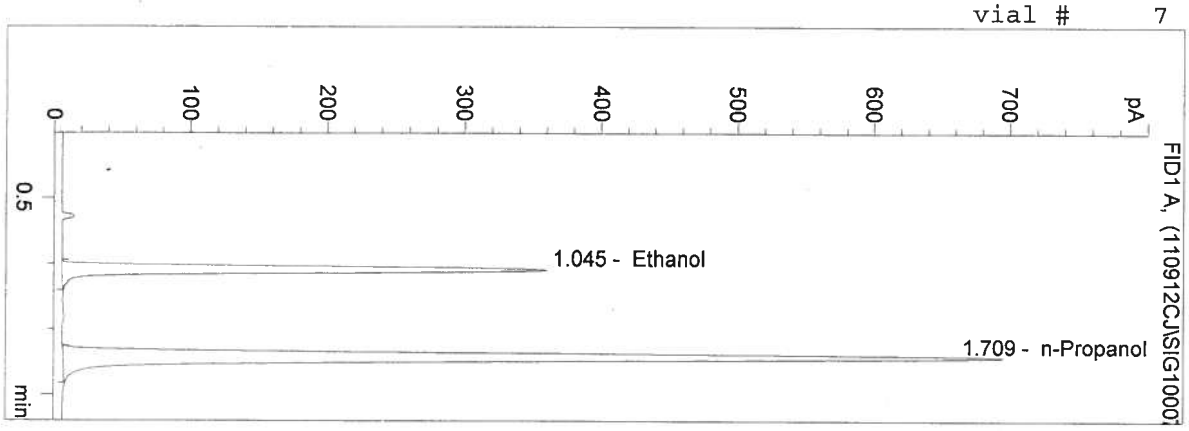
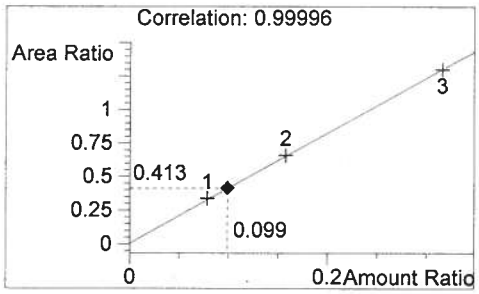
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

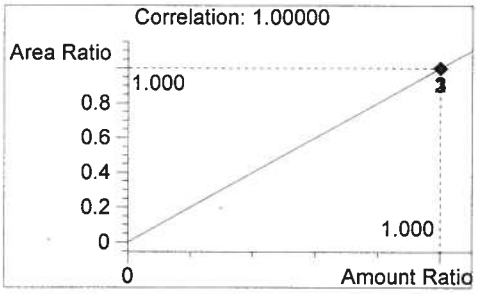
vial # 7



#	Compound	Area	RT
1	Ethanol	1155	1.045
2	n-Propanol	2794	1.709
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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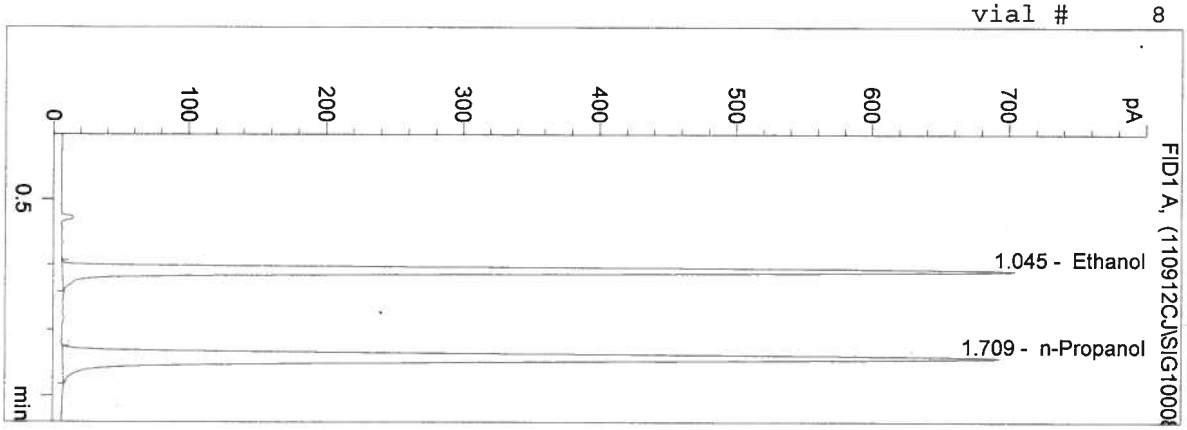
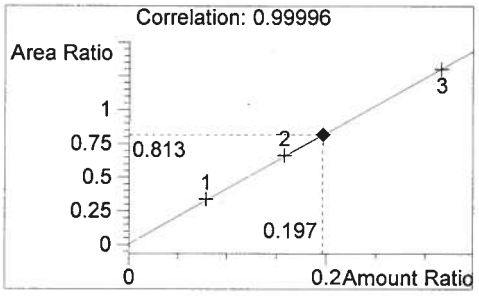
Instrument 1
DB-ALC1

0.20 CTRL-CJ
Chris Johnston

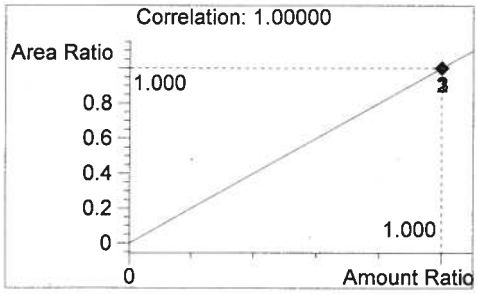
vial # 8



#	Compound	Area	RT
1	Ethanol	2269	1.045
2	n-Propanol	2790	1.709
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

11039

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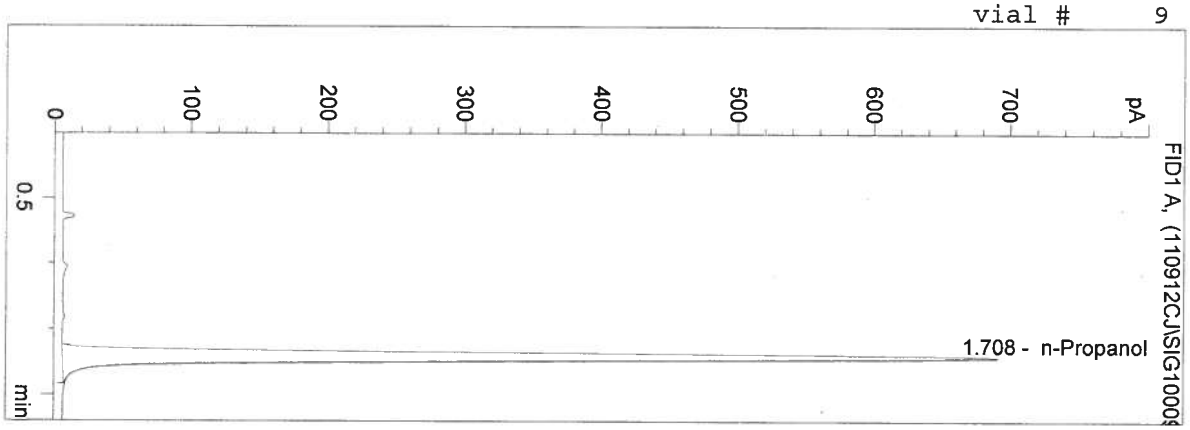
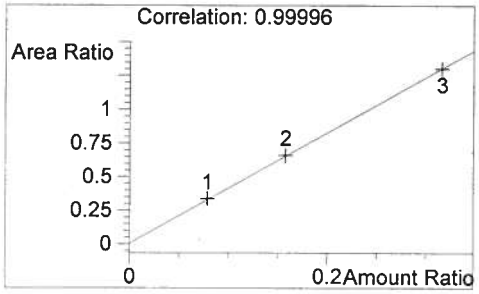
C:\HPCHEM\1\METHODS\SIMALC1.M
9/12/2011 8:26:39 PM
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

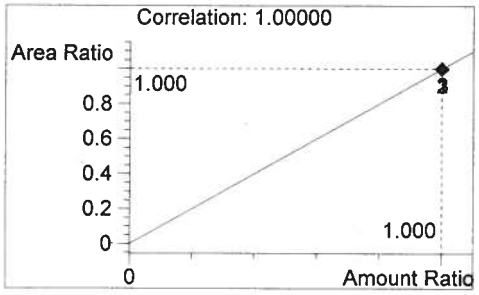
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2789	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

CJ

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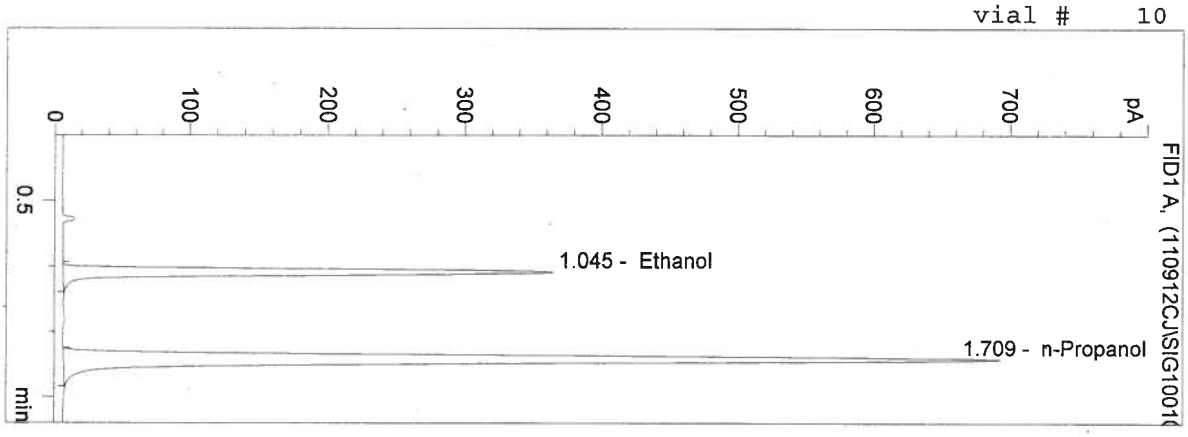
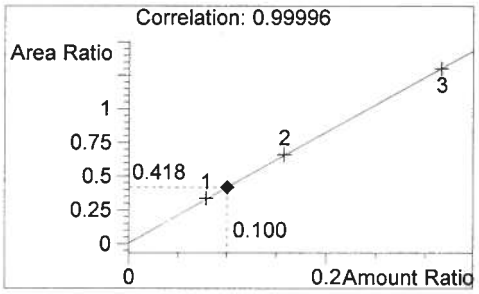
9/12/2011 8:29:44 PM
Instrument 1
DB-ALC1

ESS 11039 #1
Chris Johnston

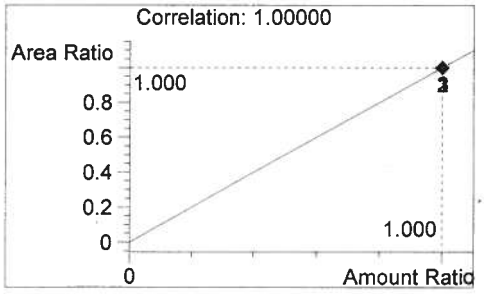
vial # 10



#	Compound	Area	RT
1	Ethanol	1163	1.045
2	n-Propanol	2781	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

a

WASHINGTON STATE TOXICOLOGY LABORATORY

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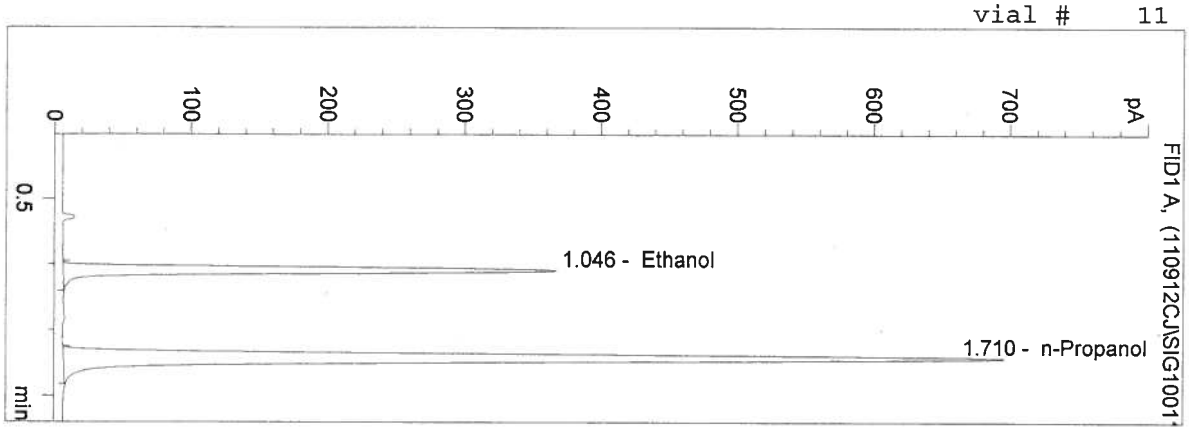
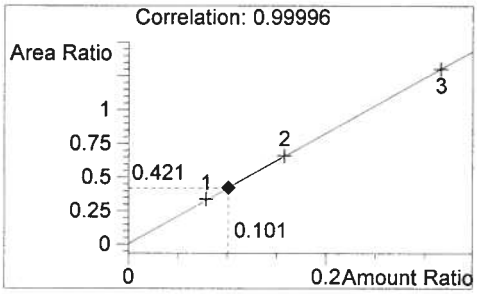
Instrument 1
DB-ALC1

ESS 11039 #2
Chris Johnston

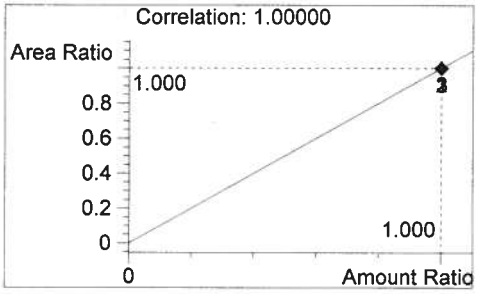
vial # 11



#	Compound	Area	RT
1	Ethanol	1181	1.046
2	n-Propanol	2806	1.710
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

cl

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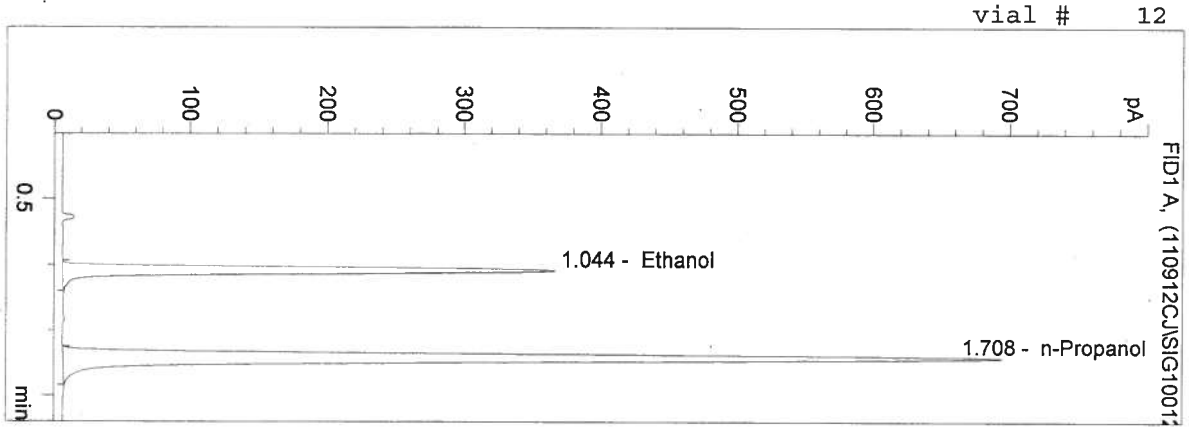
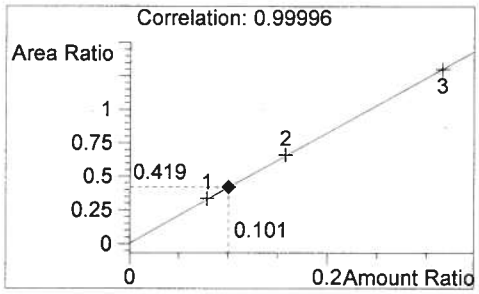
Instrument 1
DB-ALC1

ESS 11039 #3
Chris Johnston

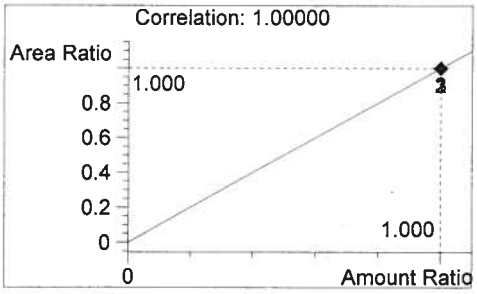
vial # 12



#	Compound	Area	RT
1	Ethanol	1169	1.044
2	n-Propanol	2789	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

cl

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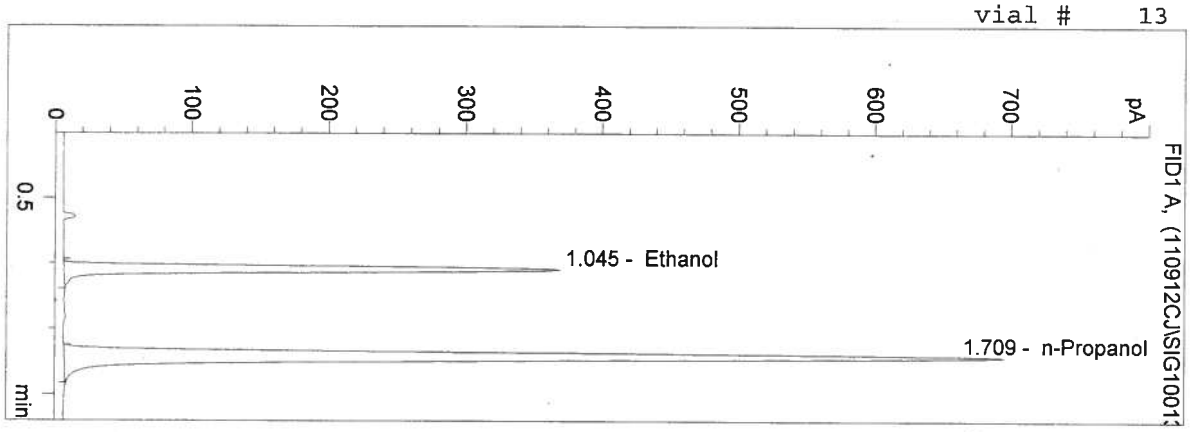
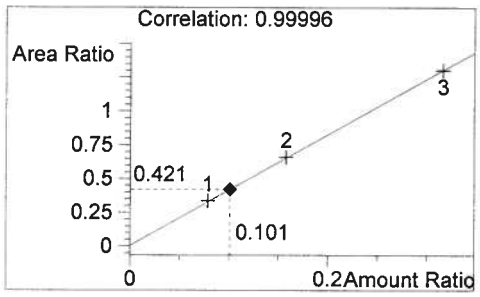
Instrument 1
DB-ALC1

ESS 11039 #4
Chris Johnston

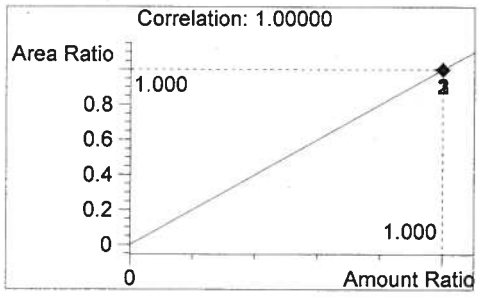
vial # 13



#	Compound	Area	RT
1	Ethanol	1179	1.045
2	n-Propanol	2800	1.709
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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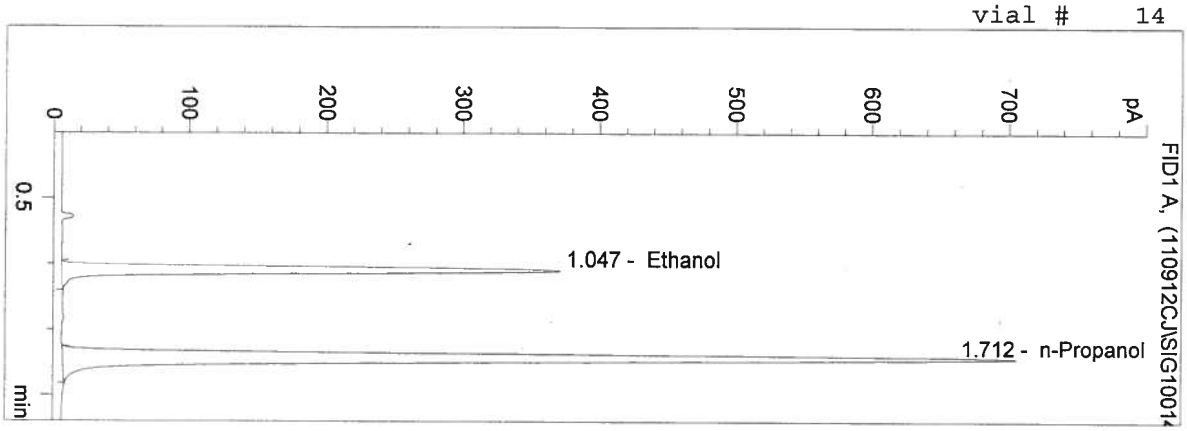
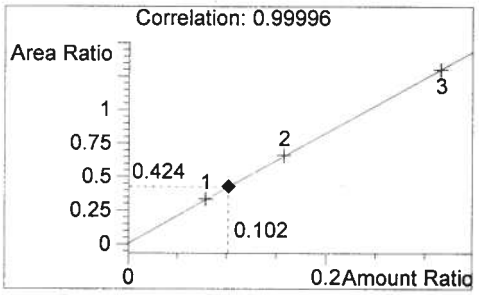
Instrument 1
DB-ALC1

ESS 11039 #5
Chris Johnston

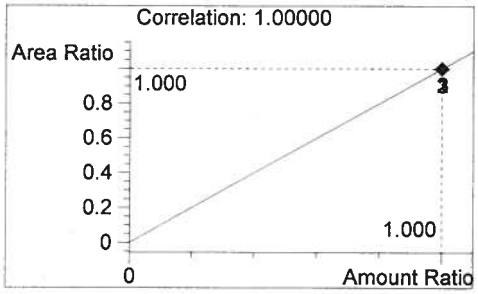
vial # 14



#	Compound	Area	RT
1	Ethanol	1203	1.047
2	n-Propanol	2839	1.712
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

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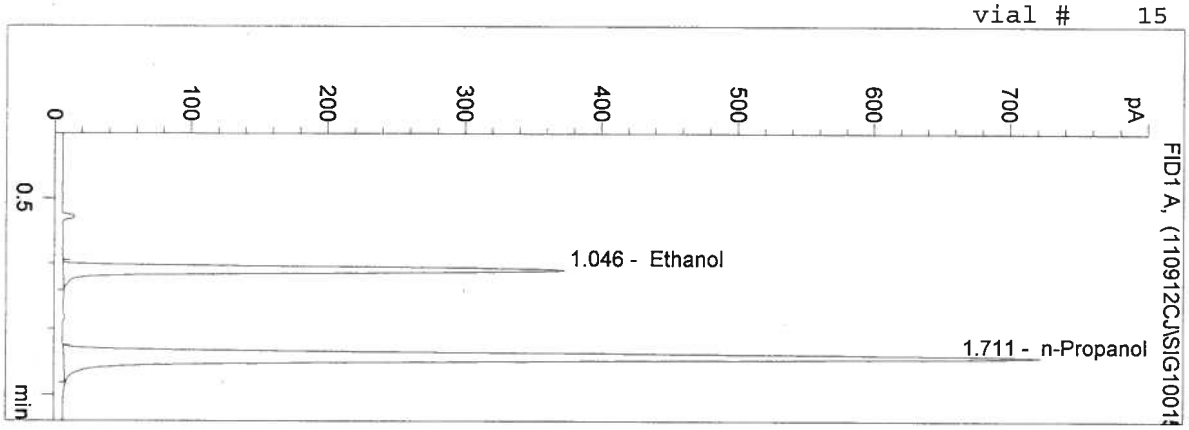
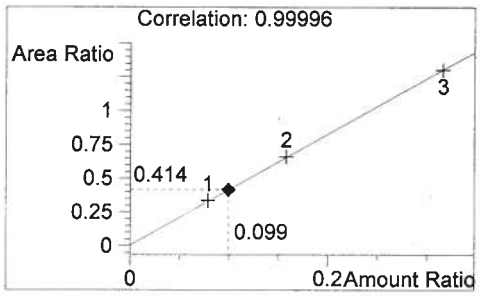
Instrument 1
DB-ALC1

0.10 CTRL-CJ
Chris Johnston

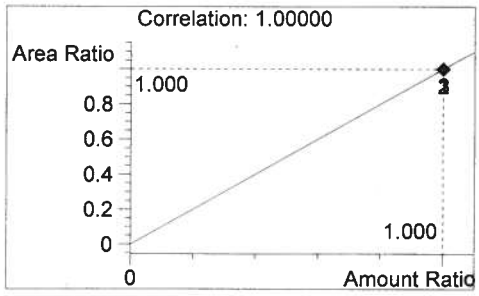
vial # 15



#	Compound	Area	RT
1	Ethanol	1208	1.046
2	n-Propanol	2916	1.711
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11039

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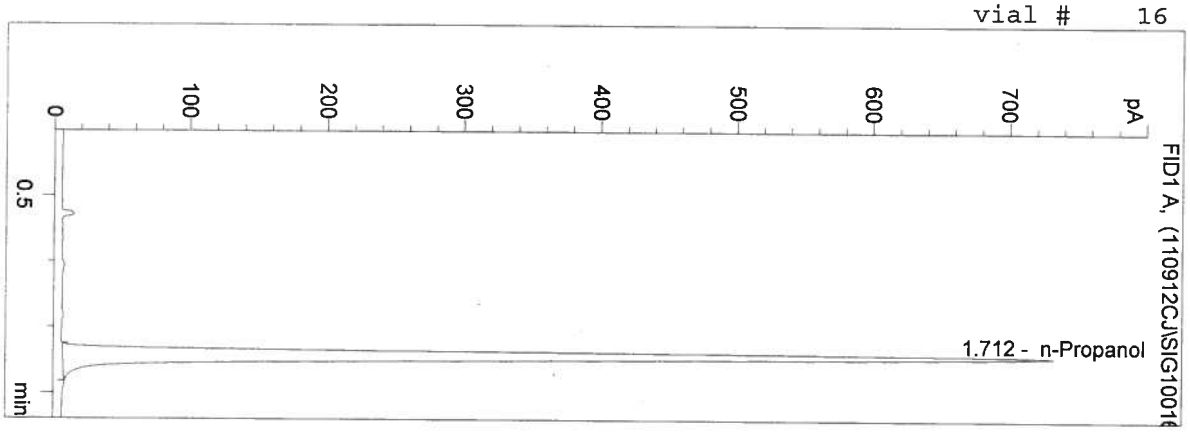
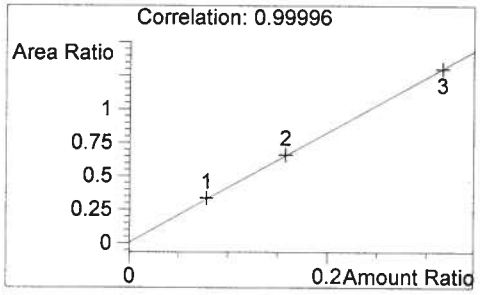
Instrument 1
DB-ALC1

NEG CTRL-CJ
Chris Johnston

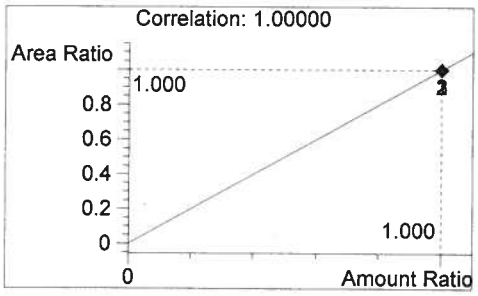
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2960	1.712
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

CJ

Sequence Parameters:

Operator:	Rebecca Flaherty
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110913RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A075264 - exp 10/2014
0.10 Control - Lot # A075806 - exp 11/2014 RF
0.20 Control - Lot # A076521 - exp 12/2014

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC1	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC1	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC1	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC1	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		
10	Vial 10	11039 #1	SIMALC1	1	Sample		
11	Vial 11	11039 #2	SIMALC1	1	Sample		
12	Vial 12	11039 #3	SIMALC1	1	Sample		
13	Vial 13	11039 #4	SIMALC1	1	Sample		
14	Vial 14	11039 #5	SIMALC1	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	SIMALC1	1	Ctrl Samp		

Calibration Part:

Line	Location	SampleName	Method	CalLev	Update RF	Update RT	Interval
2	Vial 2	0.079 CAL 1	SIMALC1	1	Replace	Replace	
3	Vial 3	0.158 CAL 2	SIMALC1	2	Replace	Replace	
4	Vial 4	0.316 CAL 3	SIMALC1	3	Replace	Replace	

11039

Sequence Table (Back Injector):

No entries - empty table!

RF

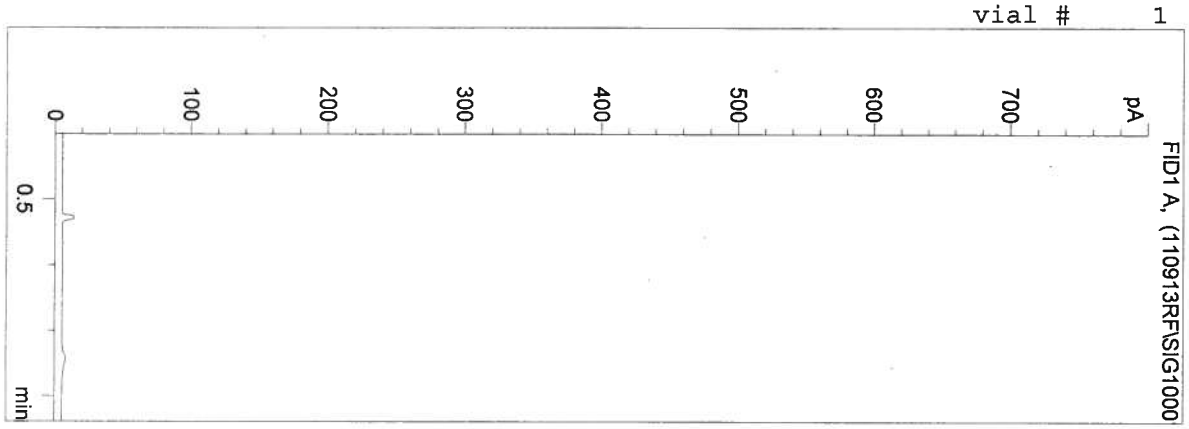
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
9/13/2011 1:59:16 PM
Instrument 1
DB-ALC1

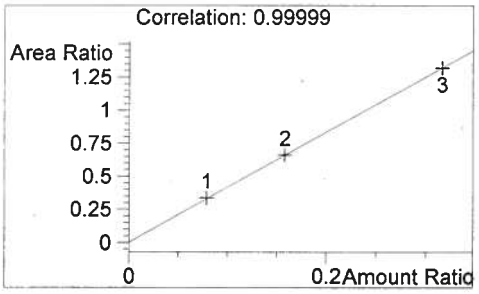
BLANK
Rebecca Flaherty

vial # 1

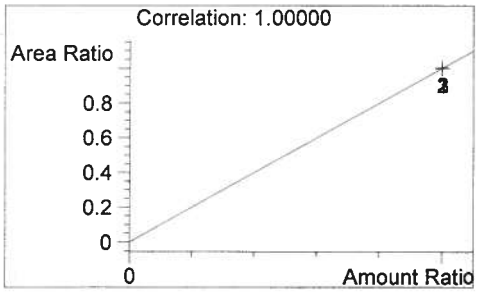


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

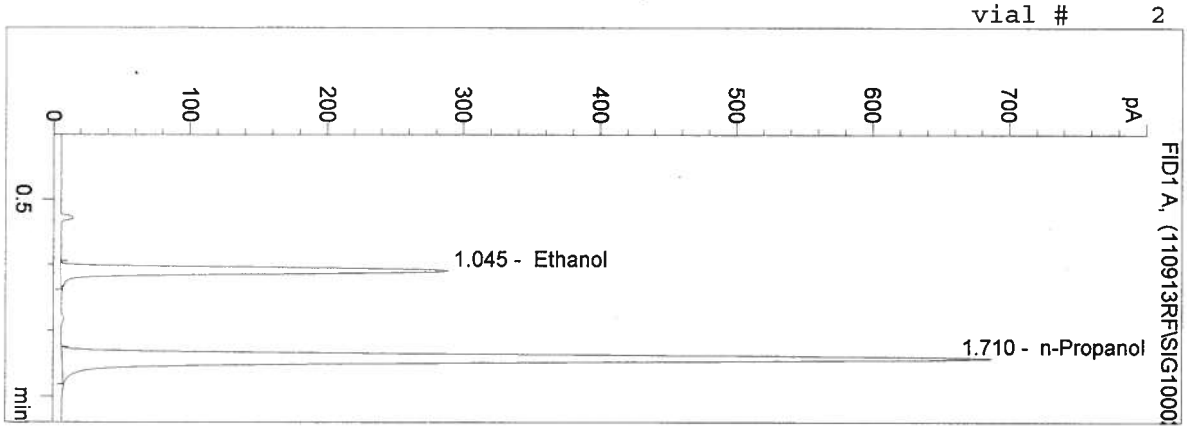
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
9/13/2011 2:02:20 PM
Instrument 1
DB-ALC1

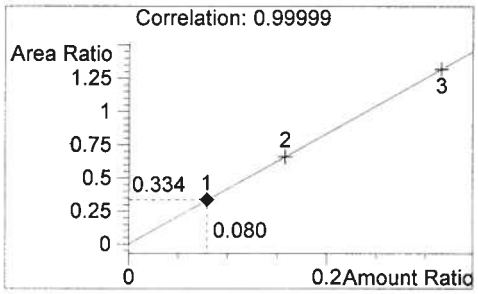
0.079 CAL 1
Rebecca Flaherty

vial # 2

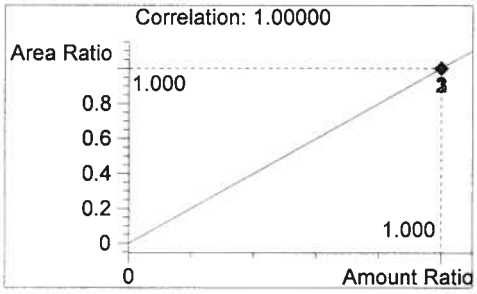


#	Compound	Area	RT
1	Ethanol	923	1.045
2	n-Propanol	2762	1.710
Tot			

RX



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

11039

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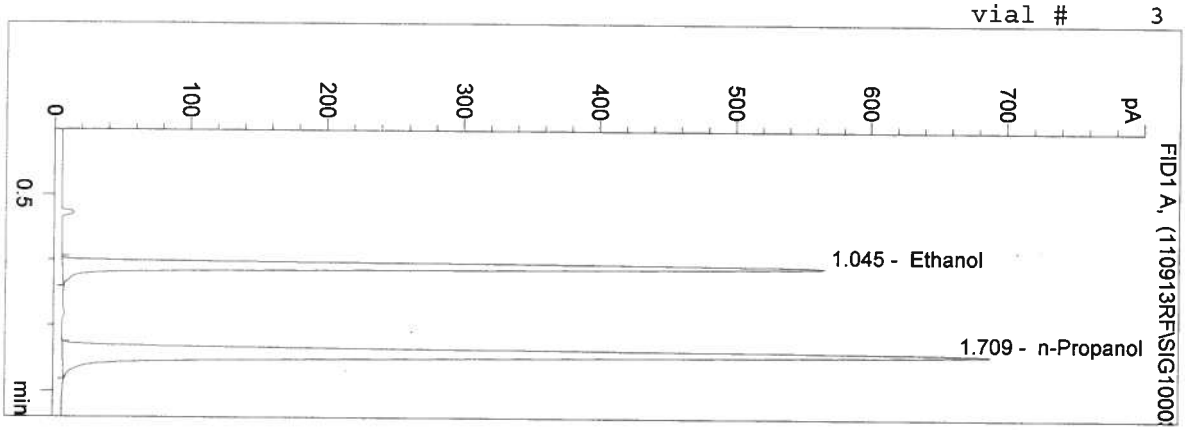
9/13/2011 2:05:25 PM
Instrument 1
DB-ALC1

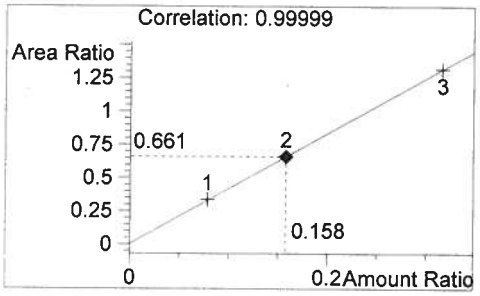
0.158 CAL 2
Rebecca Flaherty

vial # 3

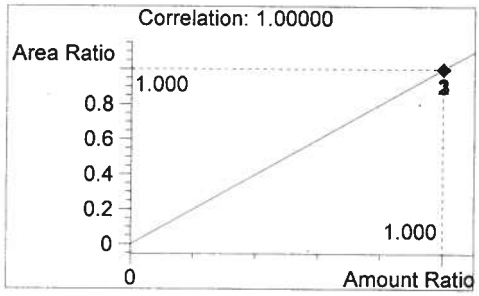


#	Compound	Area	RT
1	Ethanol	1831	1.045
2	n-Propanol	2771	1.709
Tot			

RX



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

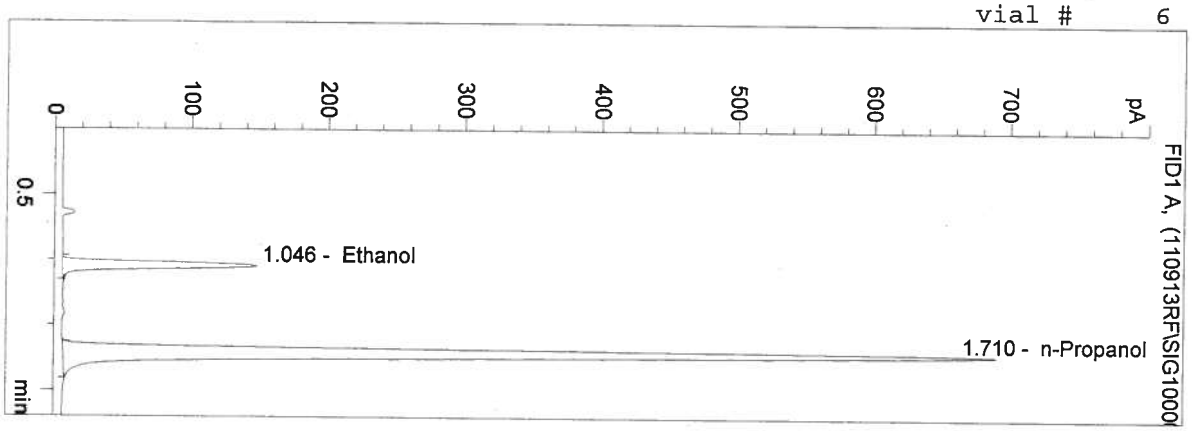
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
9/13/2011 2:14:39 PM
Instrument 1
DB-ALC1

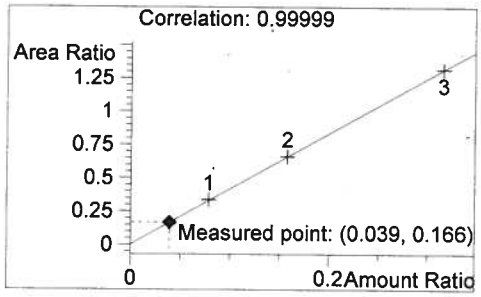
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

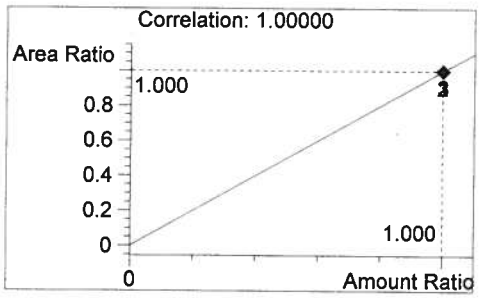


#	Compound	Area	RT
1	Ethanol	462	1.046
2	n-Propanol	2785	1.710
Tot			

RF



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

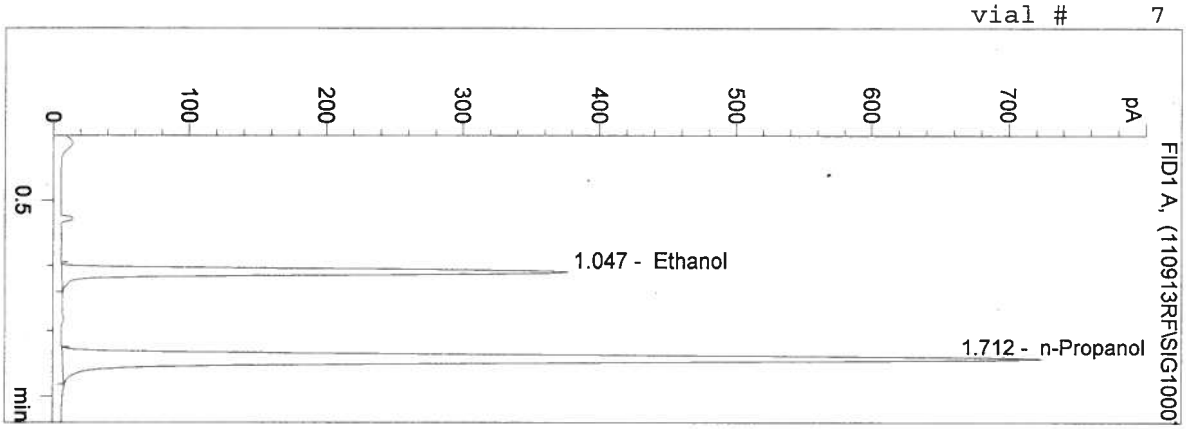
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
9/13/2011 2:17:44 PM
Instrument 1
DB-ALC1

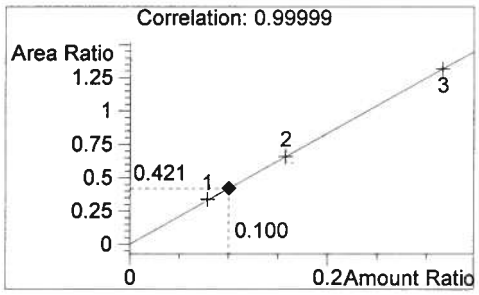
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

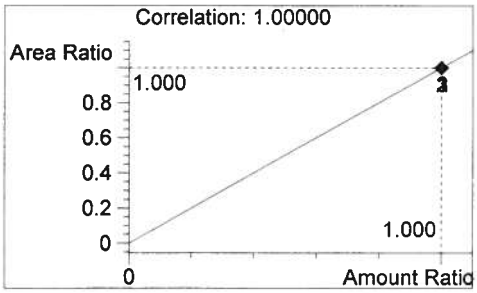


#	Compound	Area	RT
1	Ethanol	1228	1.047
2	n-Propanol	2920	1.712
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

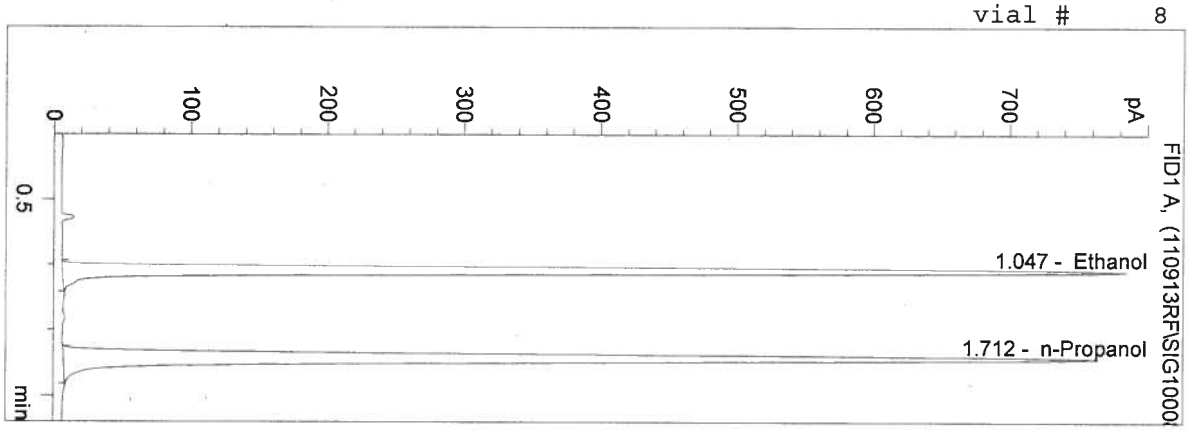
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
9/13/2011 2:20:49 PM
Instrument 1
DB-ALC1

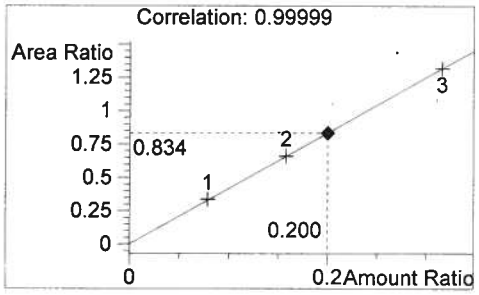
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

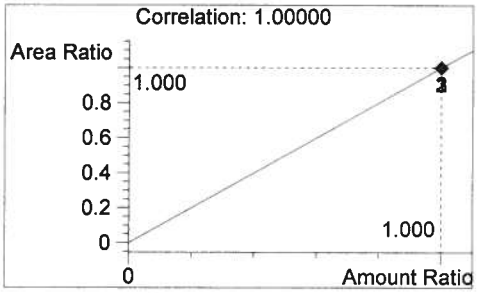


#	Compound	Area	RT
1	Ethanol	2573	1.047
2	n-Propanol	3084	1.712
Tot			

RF



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

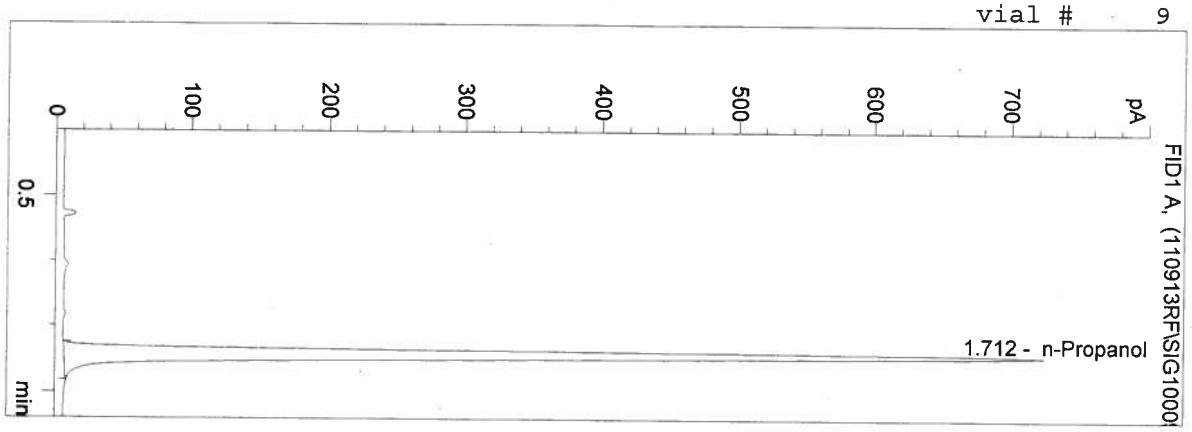
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
9/13/2011 2:23:53 PM
Instrument 1
DB-ALC1

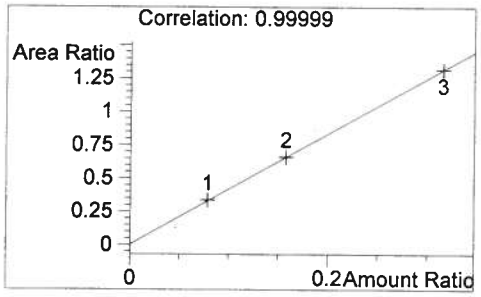
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

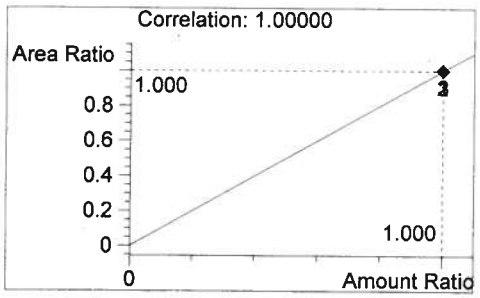


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2923	1.712
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

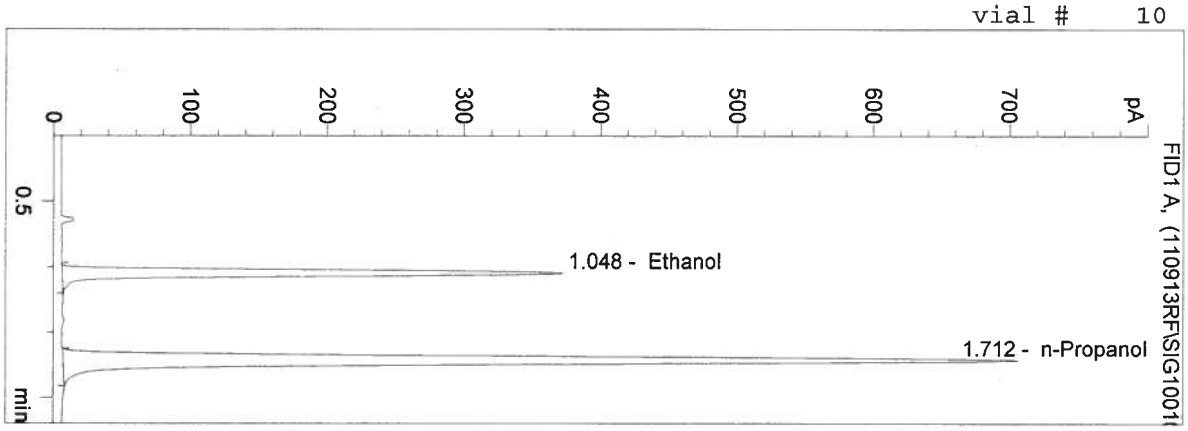
11039

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
9/13/2011 2:26:58 PM
Instrument 1
DB-ALC1

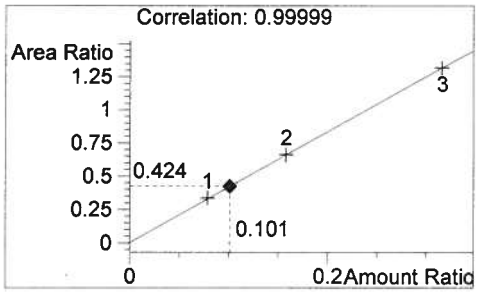
11039 #1
Rebecca Flaherty

vial # 10

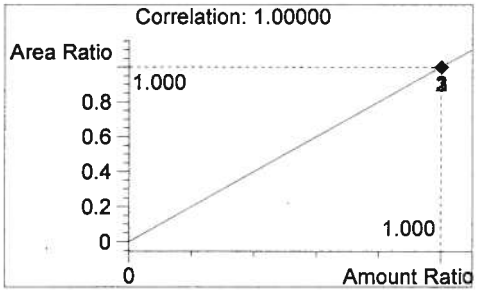


#	Compound	Area	RT
1	Ethanol	1207	1.048
2	n-Propanol	2847	1.712
Tot			

RF



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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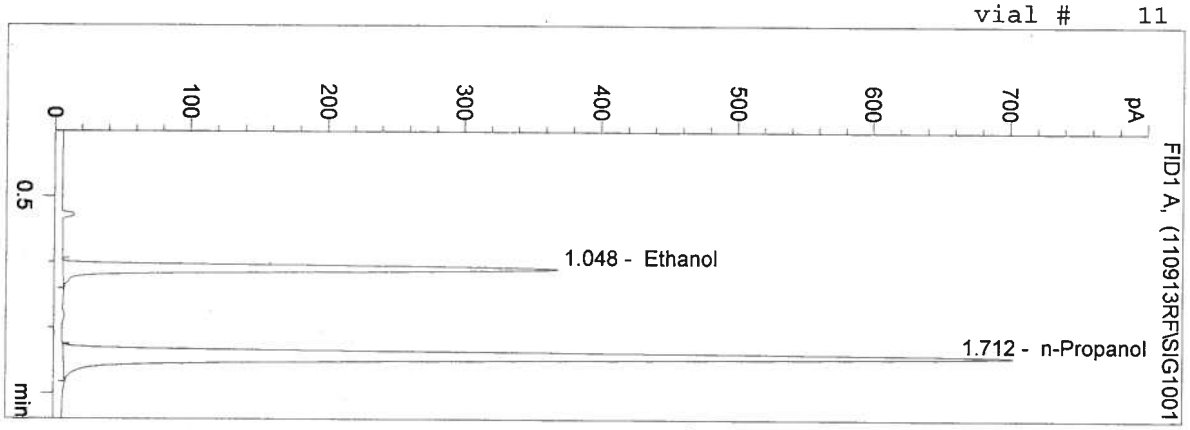
9/13/2011 2:30:03 PM
Instrument 1
DB-ALC1

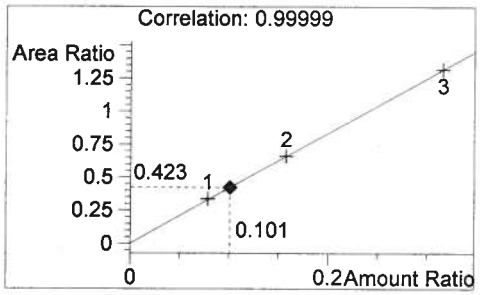
11039 #2
Rebecca Flaherty

vial # 11

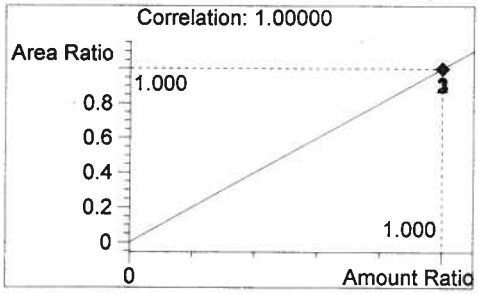


#	Compound	Area	RT
1	Ethanol	1202	1.048
2	n-Propanol	2840	1.712
Tot			

RK



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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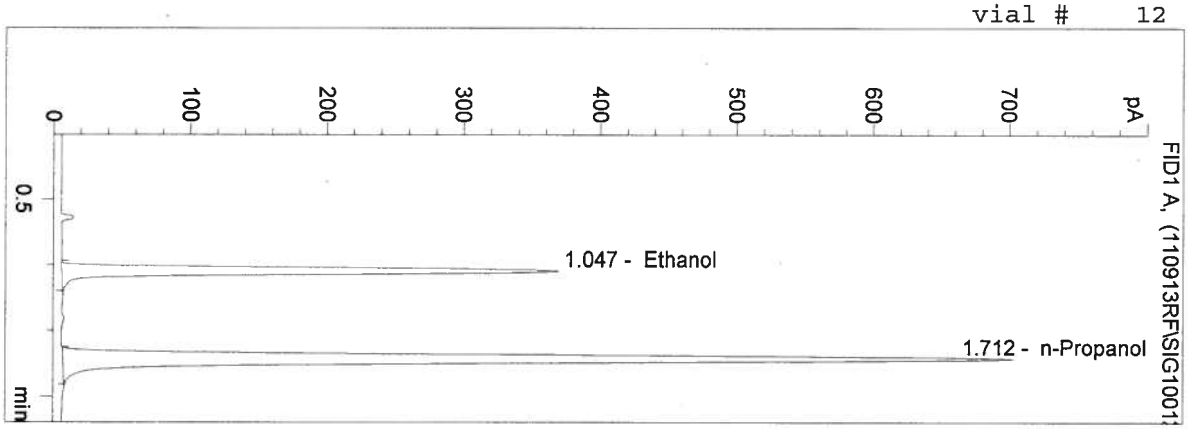
9/13/2011 2:33:08 PM
Instrument 1
DB-ALC1

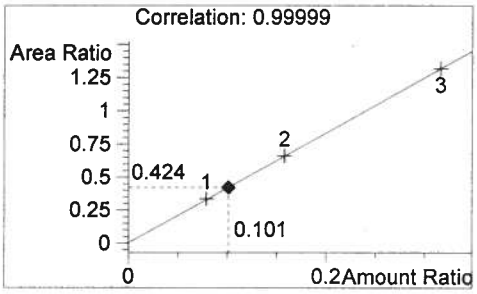
11039 #3
Rebecca Flaherty

vial # 12

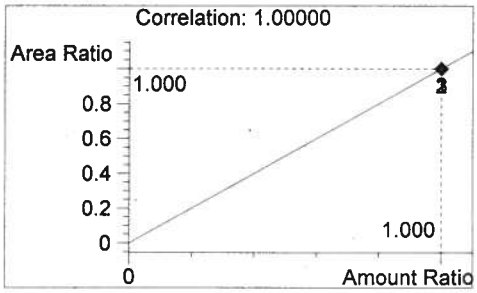


#	Compound	Area	RT
1	Ethanol	1199	1.047
2	n-Propanol	2829	1.712
Tot			

RF



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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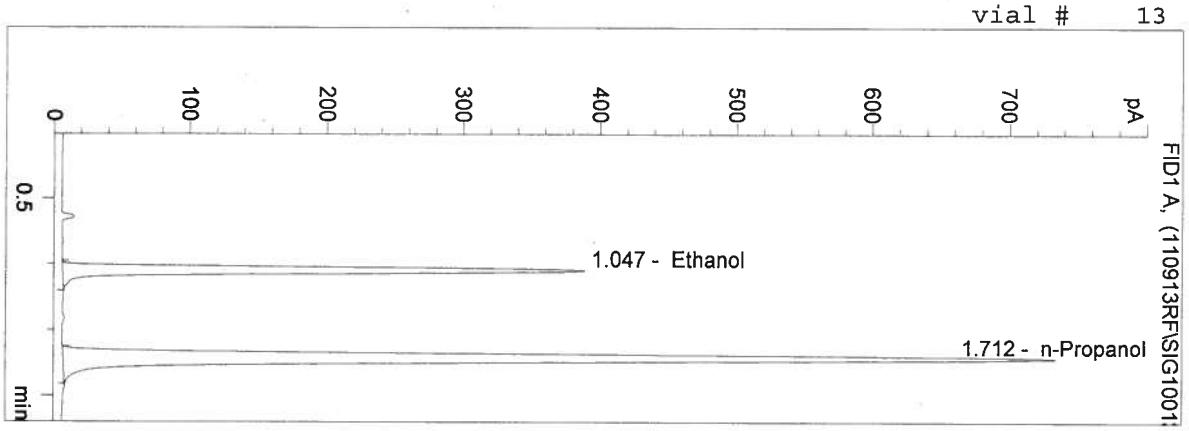
9/13/2011 2:36:13 PM
Instrument 1
DB-ALC1

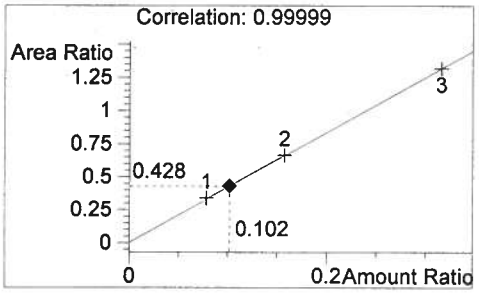
11039 #4
Rebecca Flaherty

vial # 13

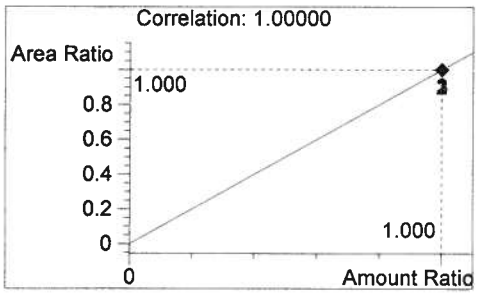


#	Compound	Area	RT
1	Ethanol	1265	1.047
2	n-Propanol	2957	1.712
Tot			

RF



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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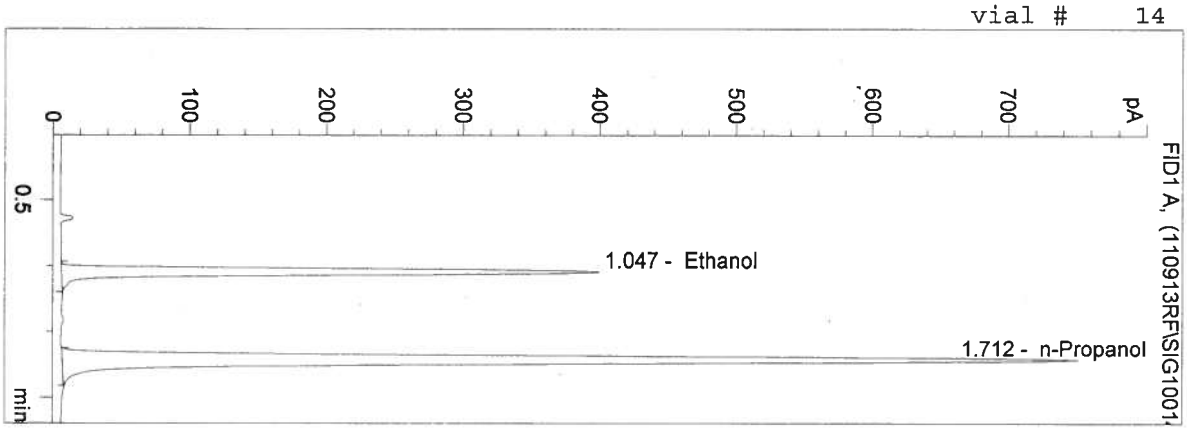
9/13/2011 2:39:17 PM
Instrument 1
DB-ALC1

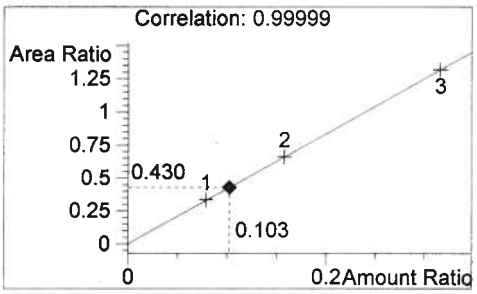
11039 #5
Rebecca Flaherty

vial # 14

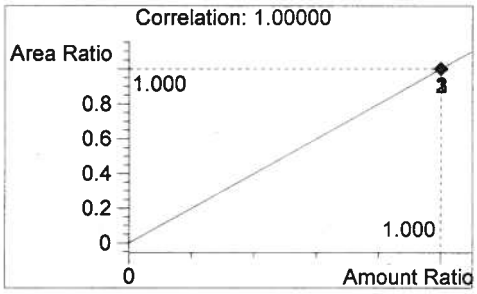


#	Compound	Area	RT
1	Ethanol	1305	1.047
2	n-Propanol	3038	1.712
Tot			

RF



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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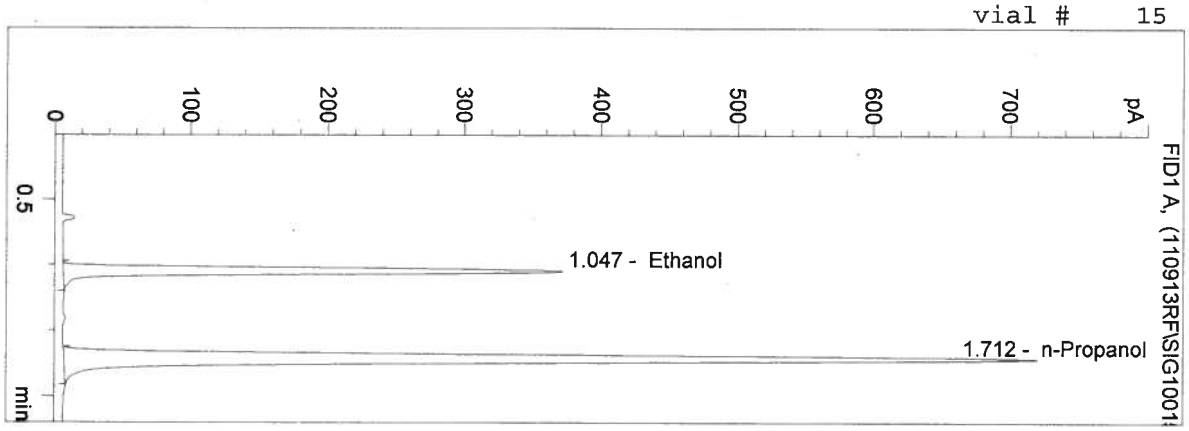
9/13/2011 2:42:22 PM
Instrument 1
DB-ALC1

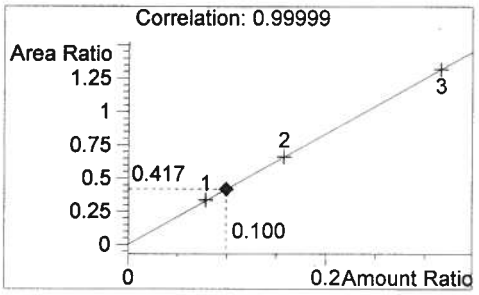
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

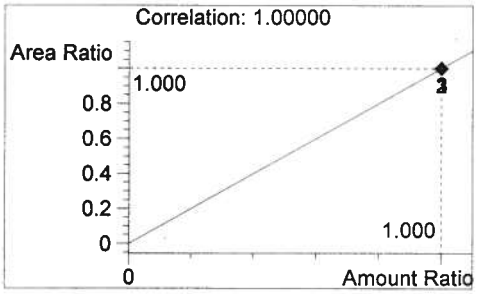


#	Compound	Area	RT
1	Ethanol	1210	1.047
2	n-Propanol	2903	1.712
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11039

WASHINGTON STATE TOXICOLOGY LABORATORY

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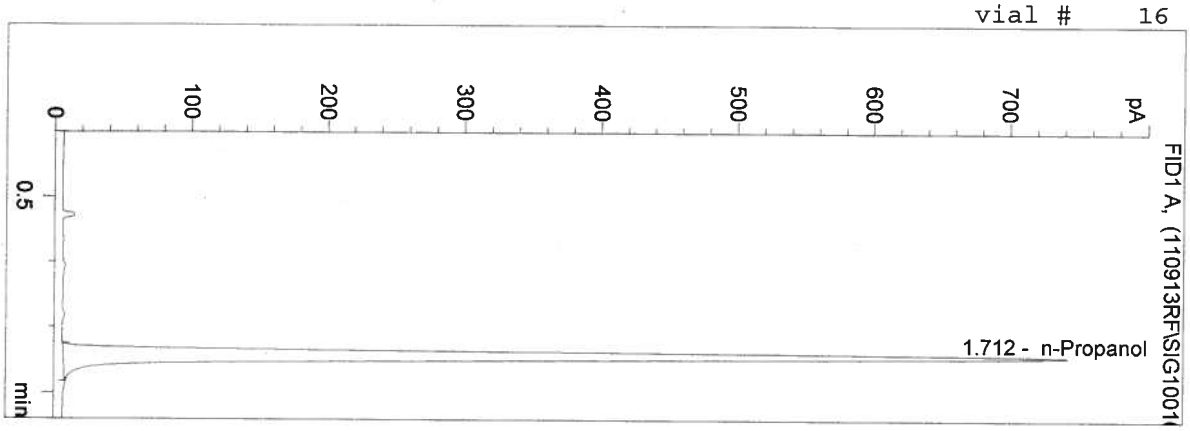
9/13/2011 2:45:27 PM
Instrument 1
DB-ALC1

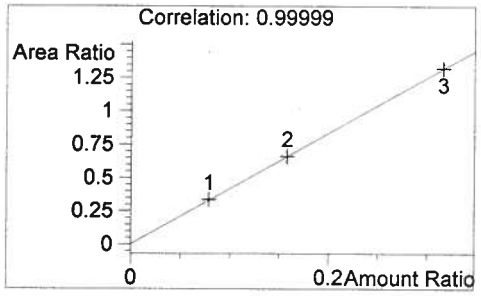
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

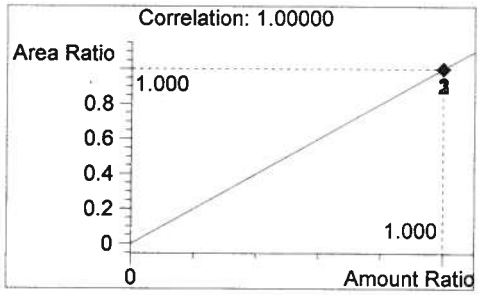


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3000	1.712
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11039

WSP-TLD	COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 9/9/11 Initials of Preparer: BP

Expiration Date: 9/9/12

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

Date the 200-proof Ethanol bottle was opened: 6/30/11

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

Simulator Solution	Volume of Ethanol (mL)	Volume of Deionized Water (L)		Batch Number
QAP 0.04	11.2	18	☐	
QAP 0.08	22.4	18	☐	
QAP 0.10	28.1	18	☐	
QAP 0.15	42.0	18	☐	
ESS	66.5	52	☑	11039

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

Date: 9/9/11

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

Comments:

Brianna Peterson
Analyst Signature

Date: 9/9/11