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

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 11027

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: 06/13/2011
BATCH UNITS: g/100mL

IDENTITY: External Standard Solution
PREPARED BY: Sarah Swenson

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

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1012 g/100mL
STANDARD DEVIATION: 0.00089
PRECISION CV (%): 0.88
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0822 g/210L**
EXPANDED UNCERTAINTY: ± 0.0024 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton — FS-5 — 6-30-11
Melissa L. Pemberton — Forensic Scientist Supervisor — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
SS	Sarah Swenson		06/13/2011
CM	Christie Mitchell		06/14/2011
AJL	Asa J. Louis		06/14/2011
BB	Brittany Ball	Brittany Ball	06/15/2011
JLK	Justin L. Knoy		06/15/2011
BP	Brianna Peterson	Brianna Peterson	06/15/2011
RF	Rebecca Flaherty		06/21/2011
DC	Dawn Cox		06/22/2011

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 #: 11027 **Date Prepared:** 6/13/2011

Analyst:	SS	CM	AJL	BB	JLK	BP	RF	DC
Date Tested:	6/13/2011	6/14/2011	6/14/2011	6/15/2011	6/15/2011	6/15/2011	6/21/2011	6/22/2011
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.100	0.101	0.100	0.101	0.102	0.101	0.101	0.101
2	0.101	0.101	0.100	0.101	0.102	0.102	0.101	0.100
3	0.100	0.101	0.100	0.101	0.102	0.101	0.101	0.100
4	0.100	0.101	0.100	0.102	0.103	0.101	0.102	0.101
5	0.103	0.102	0.100	0.102	0.103	0.102	0.102	0.101
C	0.099	0.100	0.099	0.099	0.100	0.098	0.099	0.099

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	$CV^2_{Part\ Coef}$
0.0000084100	0.0000779406	0.0000417997	0.0001016326

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

Average Solution Concentration: 0.1012 g/100mL
Standard Deviation: 0.00089 g/100mL
Precision CV (%): 0.88
Equivalent Vapor Concentration: 0.0822 g/210L
Combined Standard Uncertainty (±): 0.0012 g/210L
Expanded Uncertainty (±): 0.0024 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton Melissa L. Pemberton 6-23-11
Name Signature Date

Calculations verified by: Jason Skleron [signature] June 30, 2011 Method: Hand Calculator
Name Signature Date

Technical review of batch file performed by:

Melissa L. Pemberton Melissa L. Pemberton 6-30-11
Name Signature Date

Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: Jason Sklerov **Date:** 06/30/11

Location: WSP-FLSB; Seattle, Washington **Solution Batch Number:** 11027

	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:** JUNE 30, 2011

Reviewer Signature: N/A JME 6/30/11 **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	20110627
Brian Capron		
Brianna Peterson	BP	6/28/11
Brianne O'Reilly		
Brittany Ball	BB	6/27/11
Christie Mitchell	CM	6/28/11
Christopher Johnston		
Dawn Cox	DC	6-24-11
Justin Knoy	JK	6.24.11
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	6/24/11
Sarah Swenson	SMS	6/24/11

Batch # 11027

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 11027

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 11027, was prepared in the Washington State Toxicology Laboratory on 6/13/2011. 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 6/13/2012.

Seattle, WA

6/24/11

Sarah M. Swenson Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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WASHINGTON STATE PATROL
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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11027

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 11027, was prepared in the Washington State Toxicology Laboratory on 6/13/2011. 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 6/13/2012.

Seattle, WA

Christie Mitchell 6/28/2011

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 11027

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 11027, was prepared in the Washington State Toxicology Laboratory on 6/13/2011. 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 6/13/2012.

Seattle, WA

2011 06 27

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 11027

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

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

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

The external standard solution, Lot Number 11027, was prepared in the Washington State Toxicology Laboratory on 6/13/2011. 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 6/13/2012.

Seattle, WA

Brittany Ball 6/27/11

Brittany Ball Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11027

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 11027, was prepared in the Washington State Toxicology Laboratory on 6/13/2011. 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 6/13/2012.

Seattle, WA

Justin L. Knoy 6.24.11

Justin L. Knoy Date
Forensic Toxicologist

CHRISTINE O. GREGOIRE
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JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11027

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 11027, was prepared in the Washington State Toxicology Laboratory on 6/13/2011. 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 6/13/2012.

Seattle, WA

Brianna Peterson 6/28/11

Brianna Peterson Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11027

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 11027, was prepared in the Washington State Toxicology Laboratory on 6/13/2011. 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 6/13/2012.

Seattle, WA

6-24-11

Rebecca Flaherty Date

Forensic Toxicologist

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 11027

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 11027, was prepared in the Washington State Toxicology Laboratory on 6/13/2011. 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 6/13/2012.

Seattle, WA

Dawn Cox 6-24-11

Dawn Cox Date

Forensic Toxicologist

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:	110613SS
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 # A073849 - exp 07/2014

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	11027 #1	SIMALC1	1	Sample		
11	Vial 11	11027 #2	SIMALC1	1	Sample		
12	Vial 12	11027 #3	SIMALC1	1	Sample		
13	Vial 13	11027 #4	SIMALC1	1	Sample		
14	Vial 14	11027 #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		

11027

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	

Sequence Table (Back Injector):

No entries - empty table!

SJS

11027

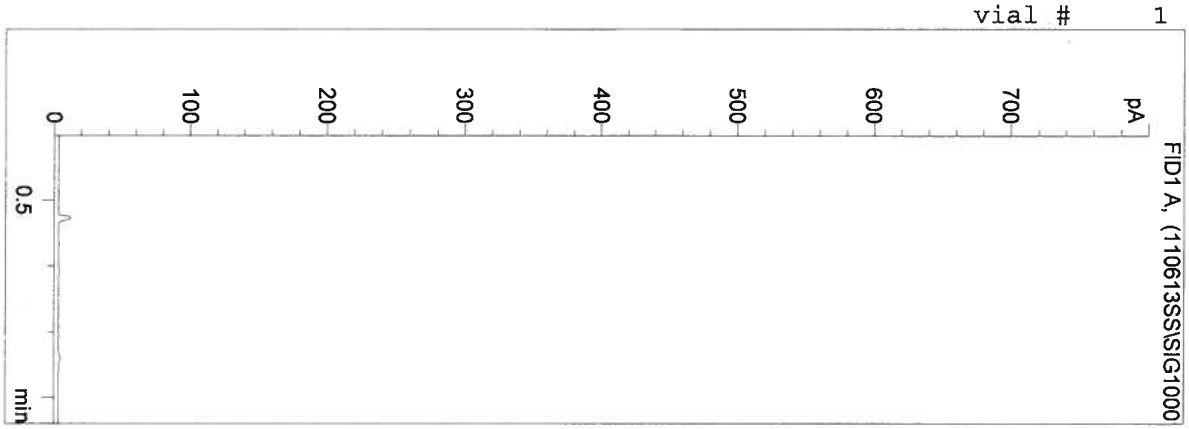
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

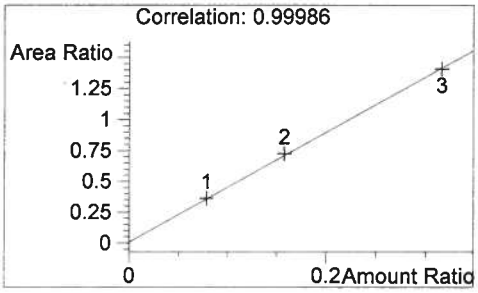
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 2:55:33 PM
Instrument 1
DB-ALC1

BLANK-SS
Sarah Swenson

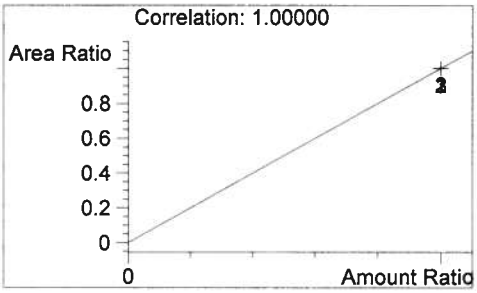
vial # 1



#	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

11027

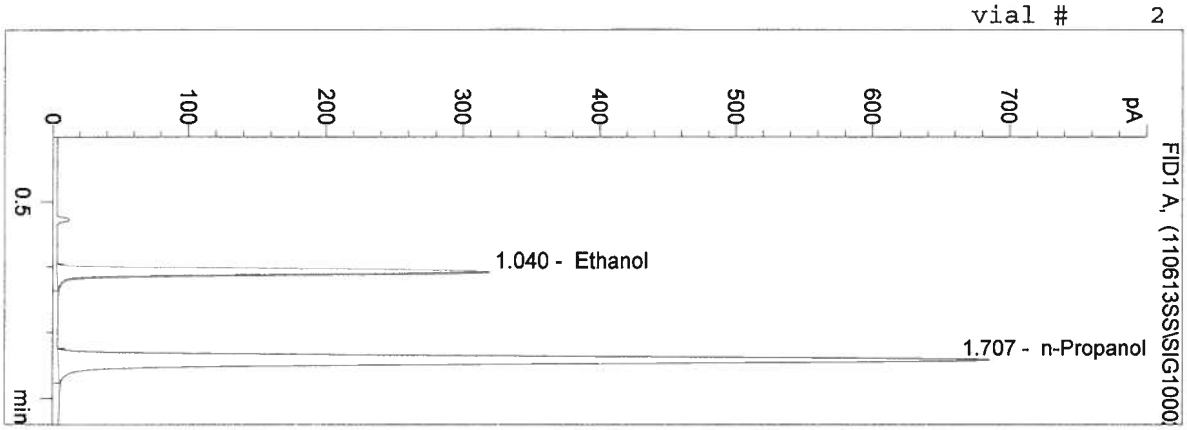
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

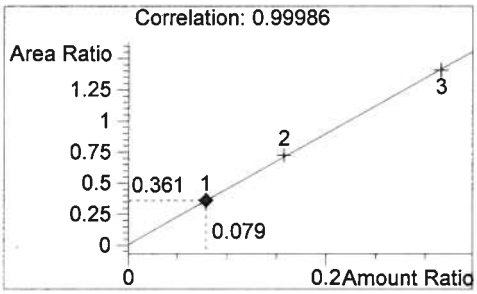
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 2:58:38 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Sarah Swenson

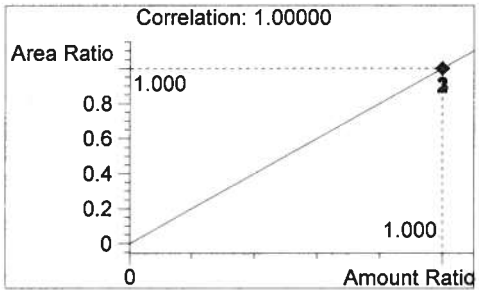
vial # 2



#	Compound	Area	RT
1	Ethanol	955	1.040
2	n-Propanol	2645	1.707
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11027

SMS

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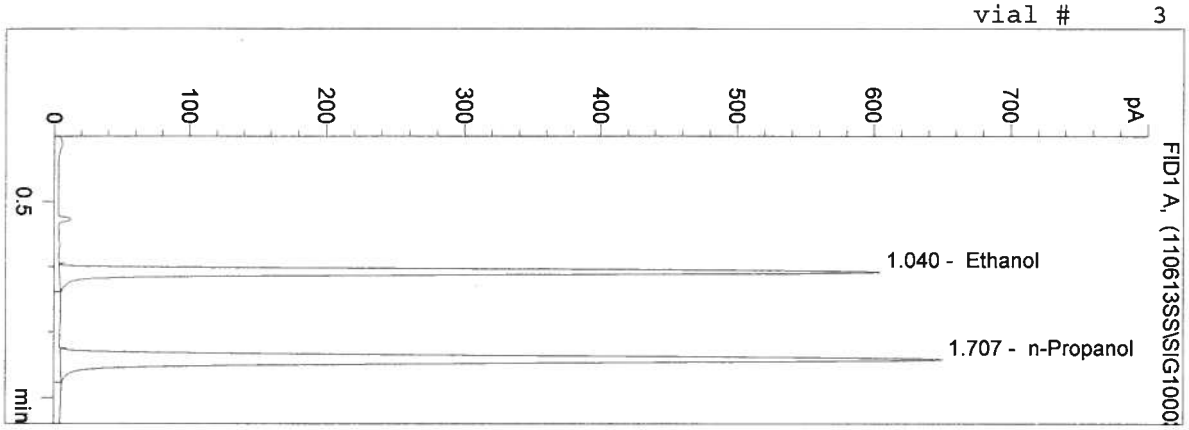
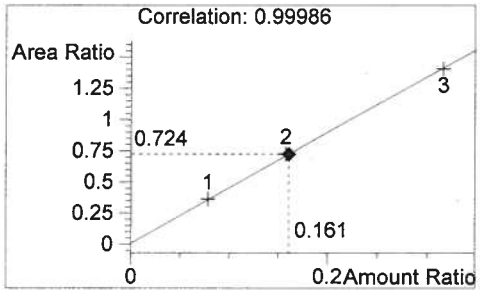
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 3:01:42 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Sarah Swenson

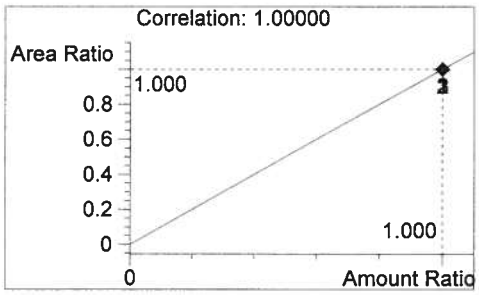
vial # 3



#	Compound	Area	RT
1	Ethanol	1810	1.040
2	n-Propanol	2500	1.707
Tot			



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

11027

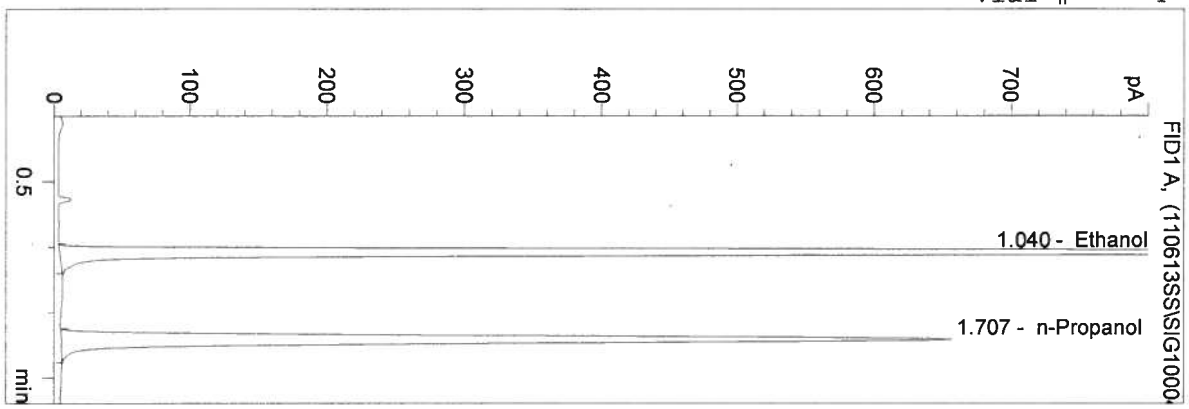
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

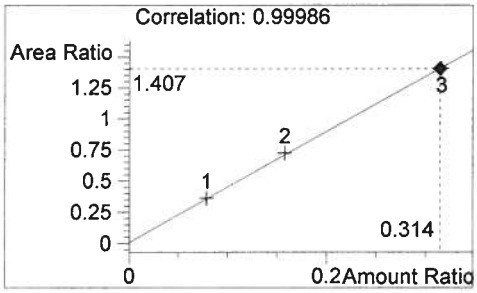
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 3:04:47 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Sarah Swenson

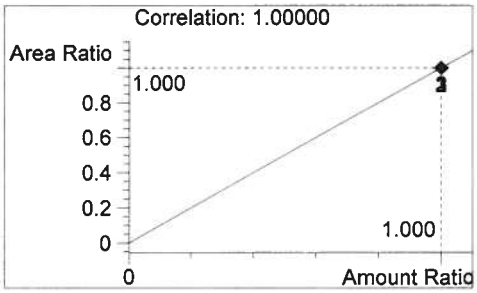
vial # 4



#	Compound	Area	RT
1	Ethanol	3546	1.040
2	n-Propanol	2521	1.707
Tot			



Ethanol 0.314 g/100 mL



n-Propanol 1.000 g/100 mL

11027

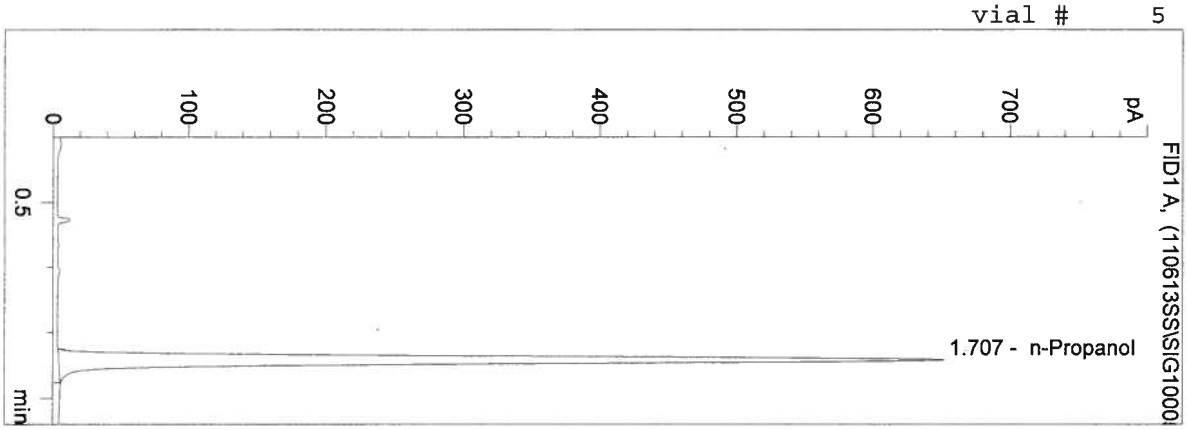
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

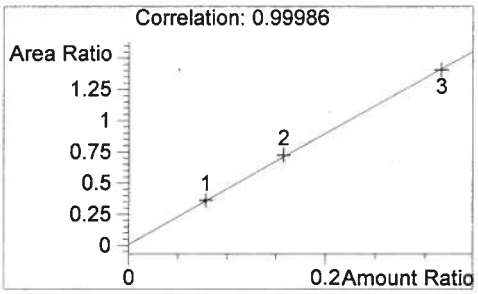
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 3:07:52 PM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

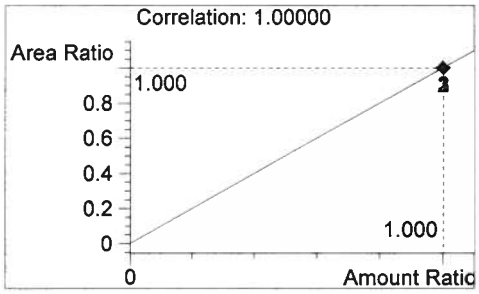
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2509	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11027

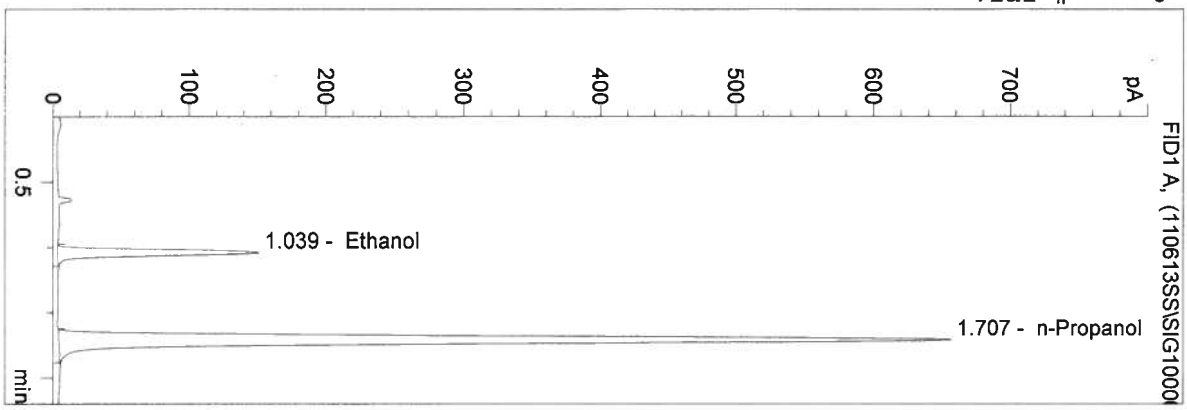
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

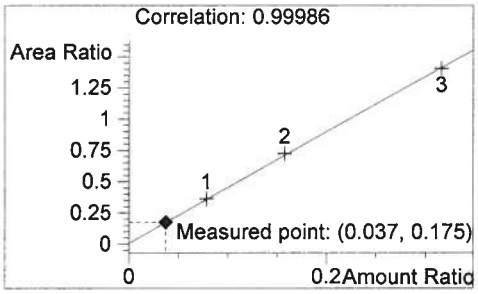
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 3:10:57 PM
Instrument 1
DB-ALC1

0.04 CTRL-SS
Sarah Swenson

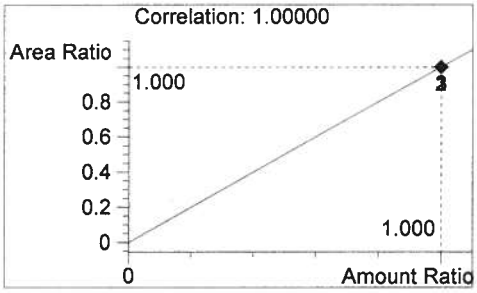
vial # 6



#	Compound	Area	RT
1	Ethanol	441	1.039
2	n-Propanol	2526	1.707
Tot			



Ethanol 0.037 g/100 mL



n-Propanol 1.000 g/100 mL

11027

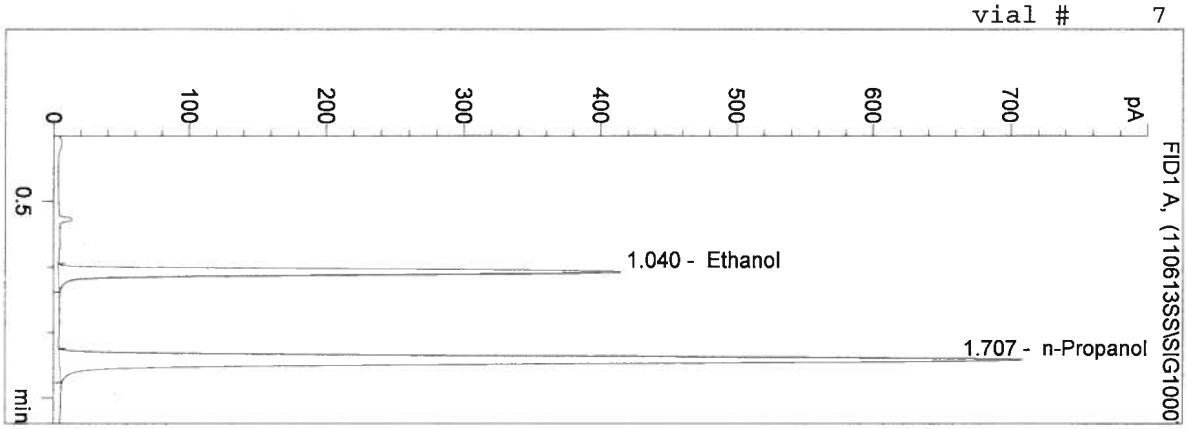
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

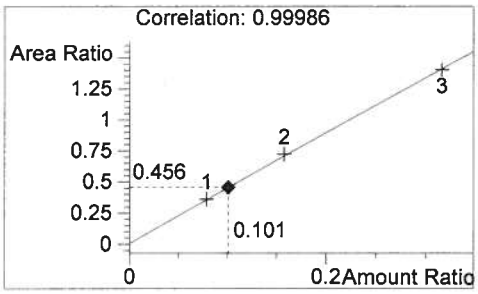
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 3:14:02 PM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

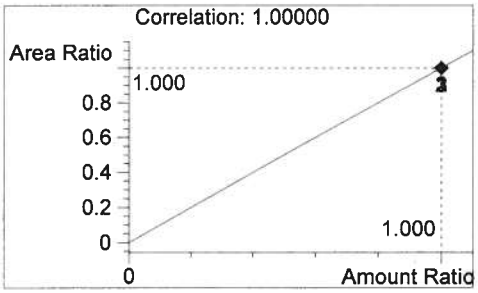
vial # 7



#	Compound	Area	RT
1	Ethanol	1242	1.040
2	n-Propanol	2727	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

11027

SMS

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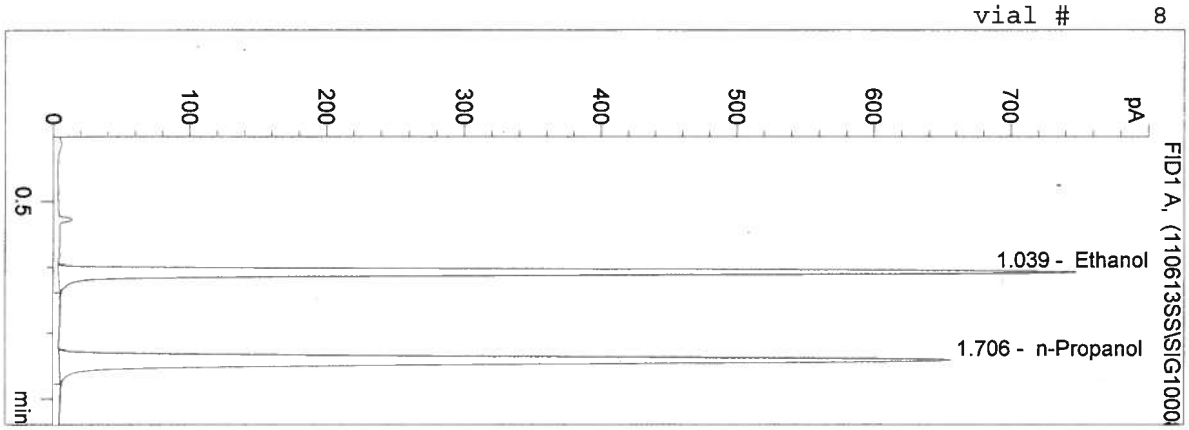
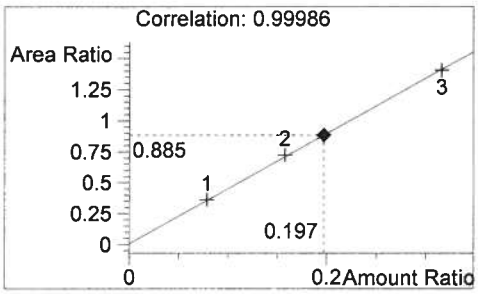
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 3:17:06 PM
Instrument 1
DB-ALC1

0.20 CTRL-SS
Sarah Swenson

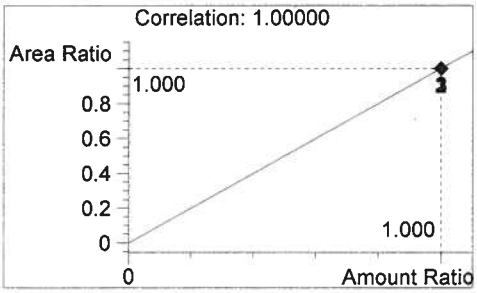
vial # 8



#	Compound	Area	RT
1	Ethanol	2230	1.039
2	n-Propanol	2519	1.706
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

11027

SMS

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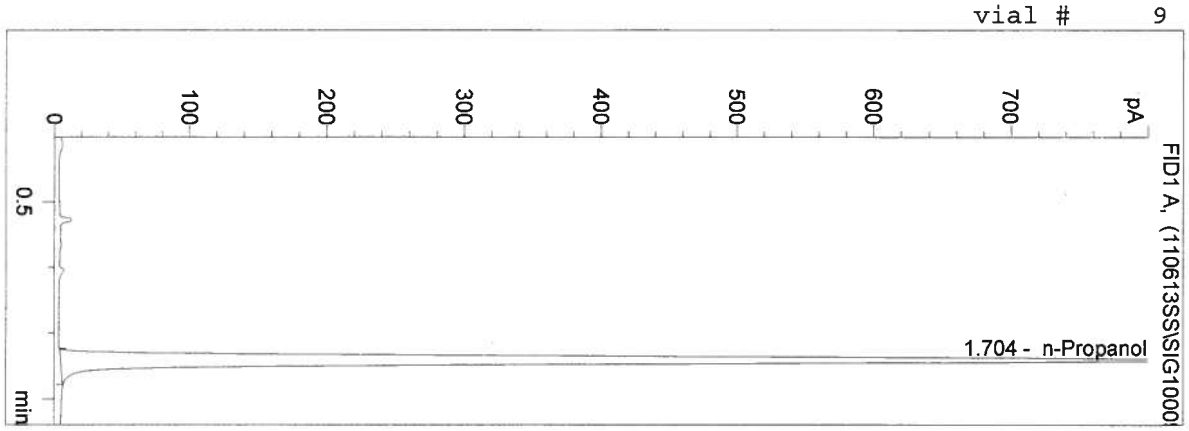
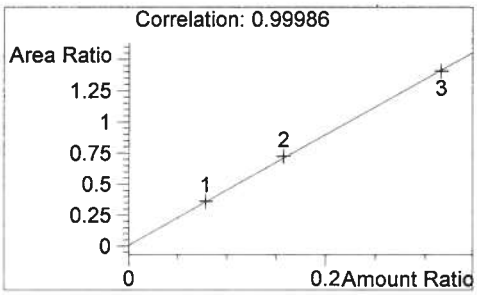
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 3:20:11 PM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

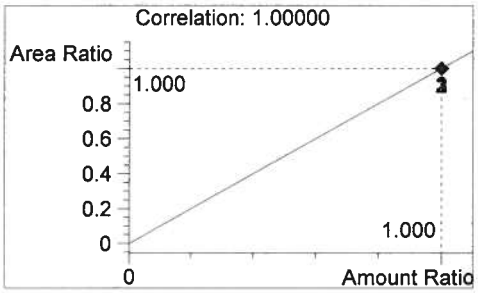
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	3271	1.704
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11027

SMS

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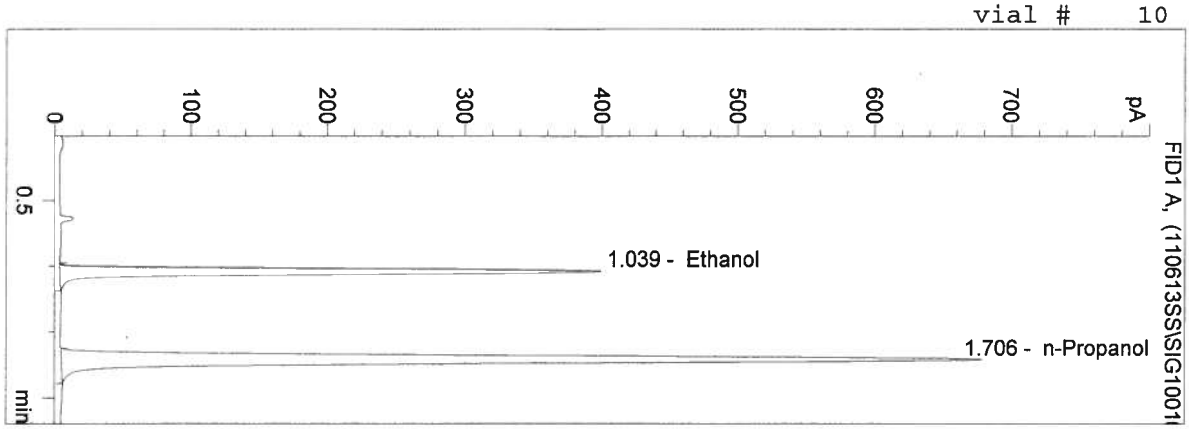
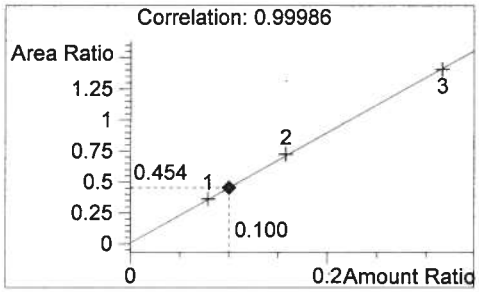
6/13/2011 3:23:16 PM
Instrument 1
DB-ALC1

11027 #1
Sarah Swenson

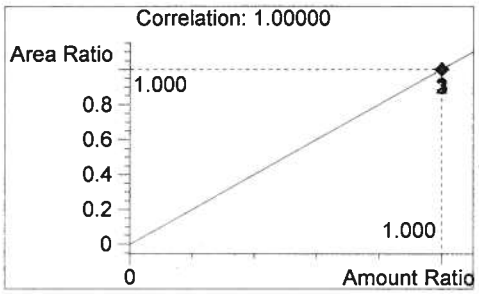
vial # 10



#	Compound	Area	RT
1	Ethanol	1182	1.039
2	n-Propanol	2605	1.706
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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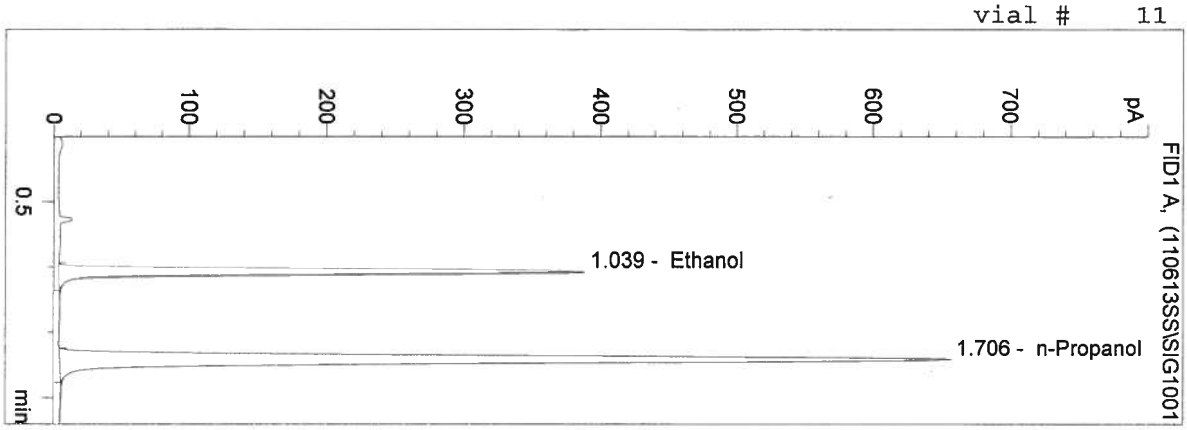
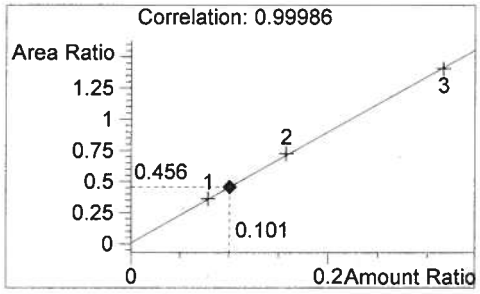
6/13/2011 3:26:21 PM
Instrument 1
DB-ALC1

11027 #2
Sarah Swenson

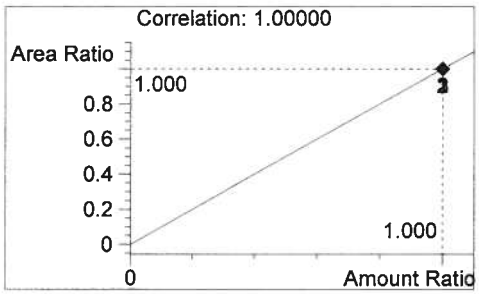
vial # 11



#	Compound	Area	RT
1	Ethanol	1148	1.039
2	n-Propanol	2517	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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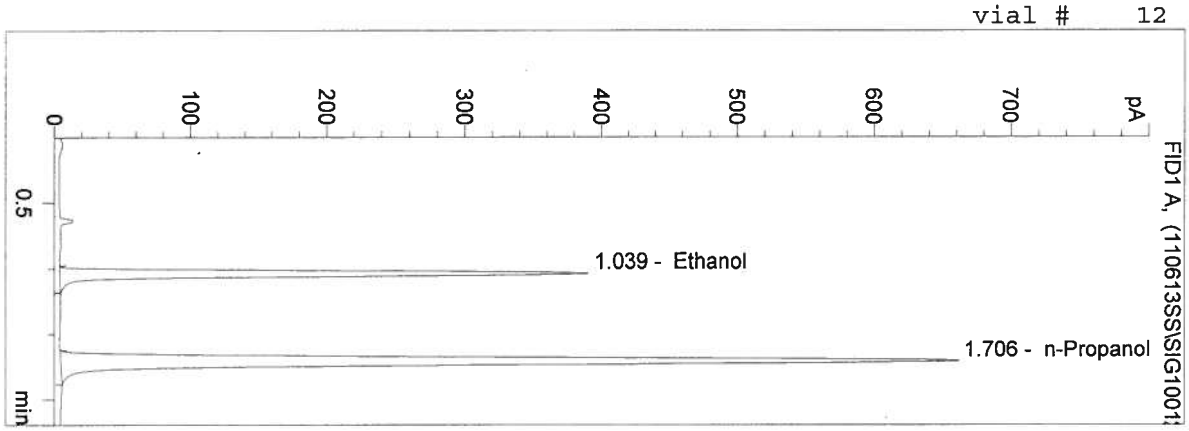
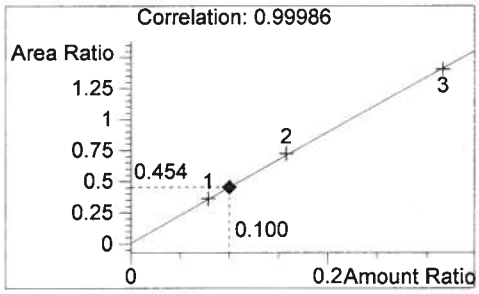
6/13/2011 3:29:25 PM
Instrument 1
DB-ALC1

11027 #3
Sarah Swenson

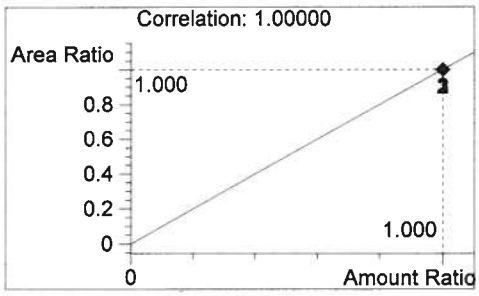
vial # 12



#	Compound	Area	RT
1	Ethanol	1151	1.039
2	n-Propanol	2535	1.706
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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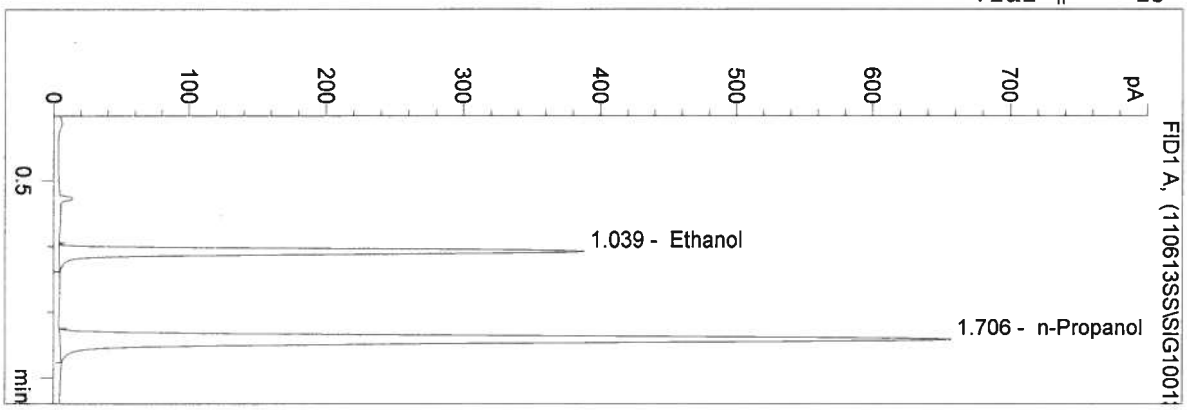
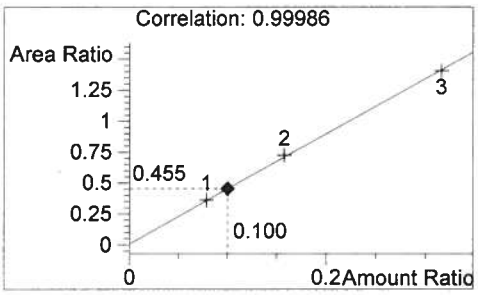
6/13/2011 3:32:30 PM
Instrument 1
DB-ALC1

11027 #4
Sarah Swenson

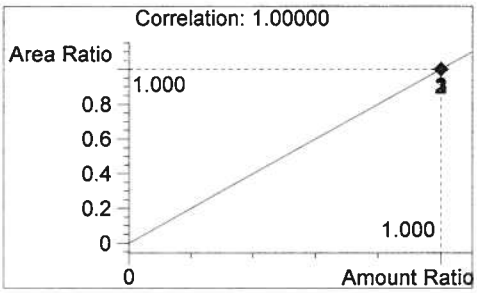
vial # 13



#	Compound	Area	RT
1	Ethanol	1145	1.039
2	n-Propanol	2515	1.706
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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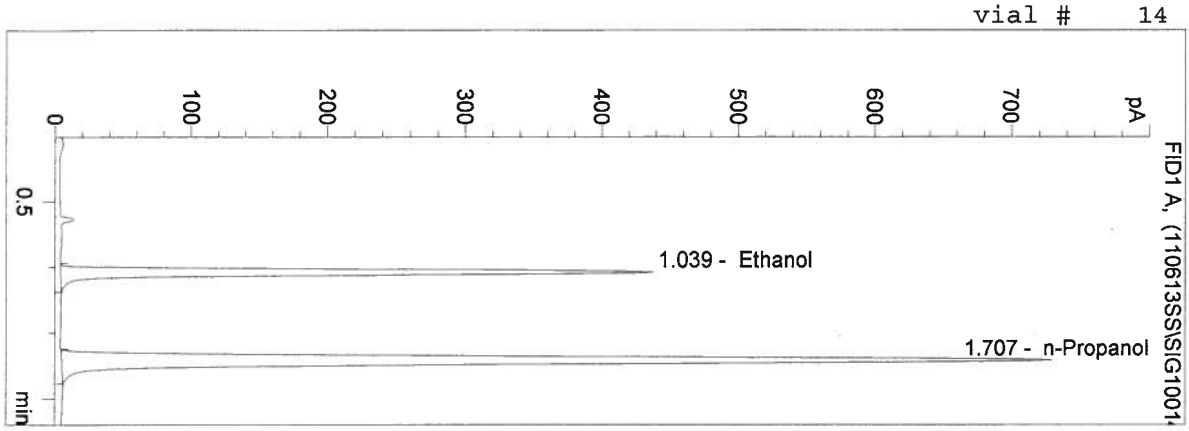
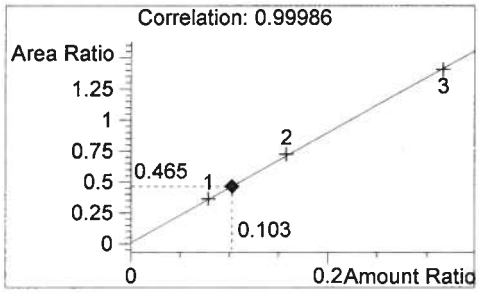
6/13/2011 3:35:35 PM
Instrument 1
DB-ALC1

11027 #5
Sarah Swenson

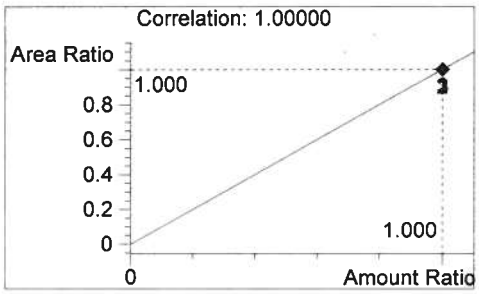
vial # 14



#	Compound	Area	RT
1	Ethanol	1305	1.039
2	n-Propanol	2804	1.707
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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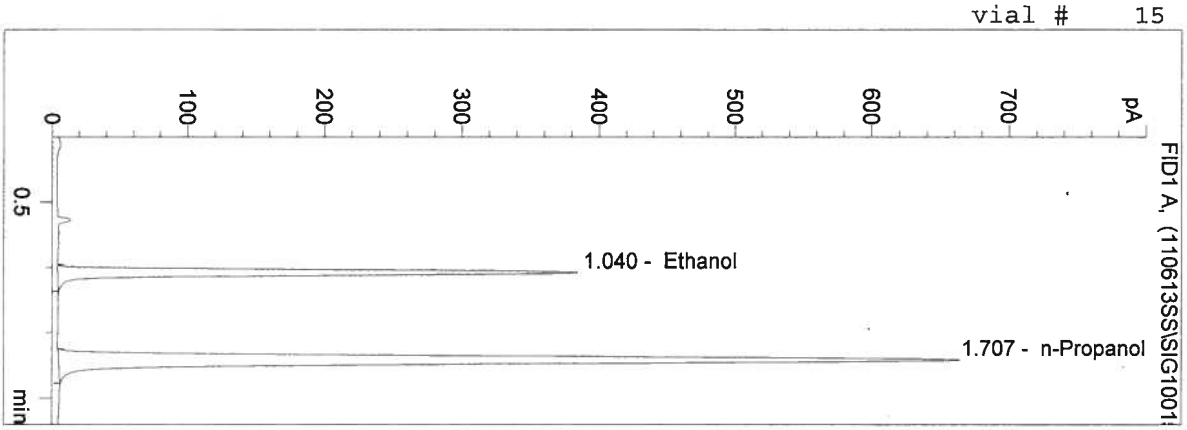
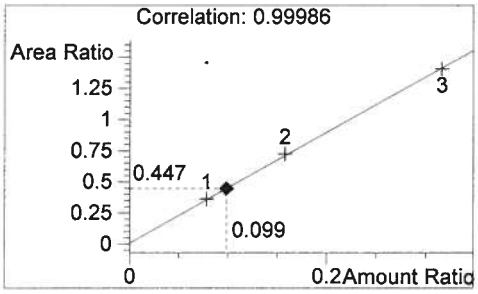
6/13/2011 3:38:39 PM
Instrument 1
DB-ALC1

0.10 CTRL-SS
Sarah Swenson

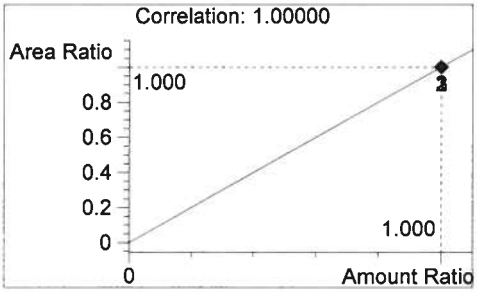
vial # 15



#	Compound	Area	RT
1	Ethanol	1139	1.040
2	n-Propanol	2548	1.707
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11027

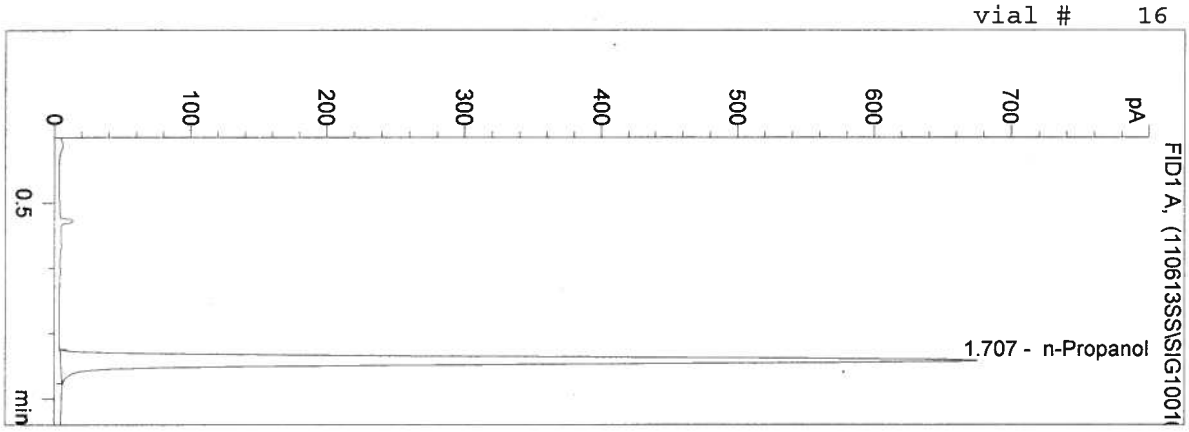
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

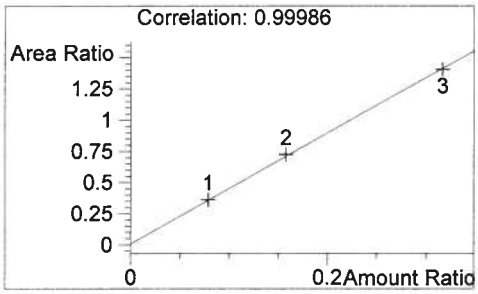
C:\HPCHEM\1\METHODS\SIMALC1.M
6/13/2011 3:41:44 PM
Instrument 1
DB-ALC1

NEG CTRL-SS
Sarah Swenson

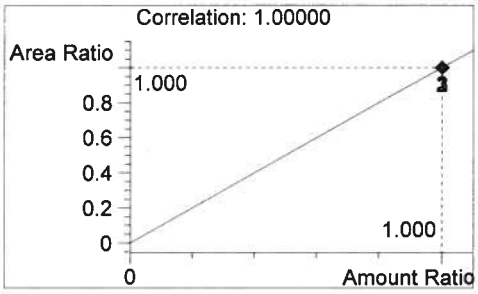
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2596	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11027

SMS

Sequence: C:\HPCHEM\1\SEQUENCE\CMEXTSTD.S

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:	110614CM
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#A073849 exp 07/2014

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 - 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	11027 #1	SIMALC1	1	Sample		
11	Vial 11	11027 #2	SIMALC1	1	Sample		
12	Vial 12	11027 #3	SIMALC1	1	Sample		
13	Vial 13	11027 #4	SIMALC1	1	Sample		
14	Vial 14	11027 #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 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	

Sequence Table (Back Injector):

11027

No entries - empty table!

CM

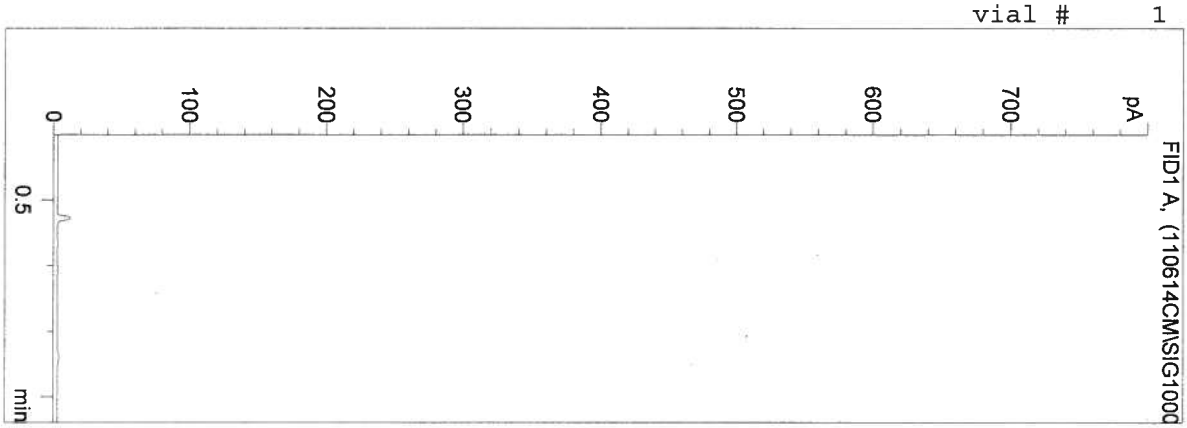
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

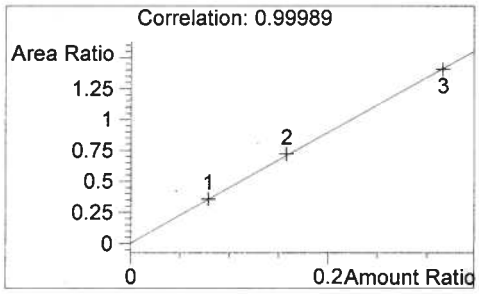
C:\HPCHEM\1\METHODS\SIMALC1.M
6/14/2011 9:32:25 AM
Instrument 1
DB-ALC1

BLANK
Christie Mitchell

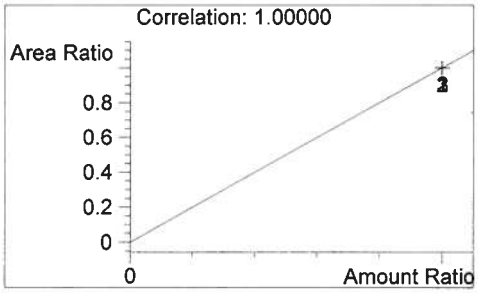
vial # 1



#	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

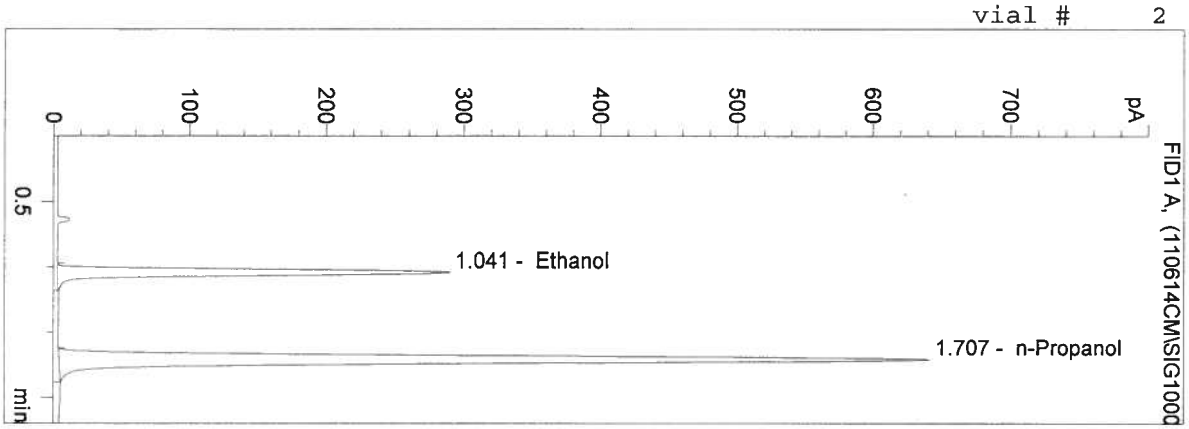
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

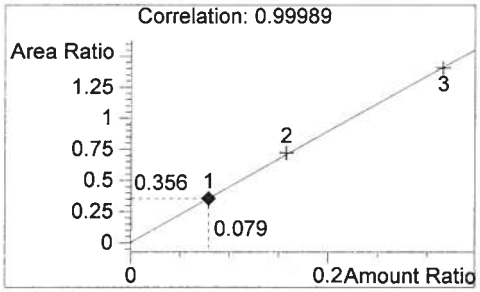
C:\HPCHEM\1\METHODS\SIMALC1.M
6/14/2011 9:35:30 AM
Instrument 1
DB-ALC1

0.079 CAL 1
Christie Mitchell

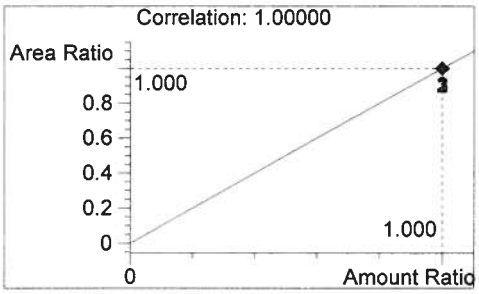
vial # 2



#	Compound	Area	RT
1	Ethanol	887	1.041
2	n-Propanol	2491	1.707
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

CM

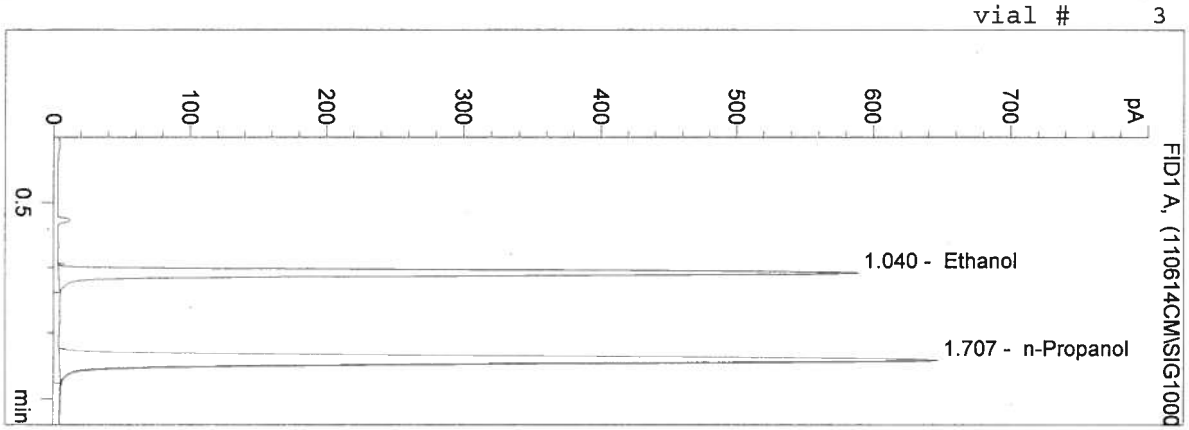
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

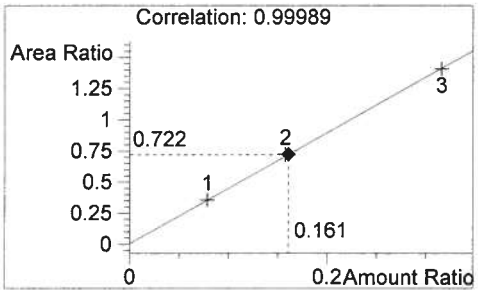
C:\HPCHEM\1\METHODS\SIMALC1.M
6/14/2011 9:38:35 AM
Instrument 1
DB-ALC1

0.158 CAL 2
Christie Mitchell

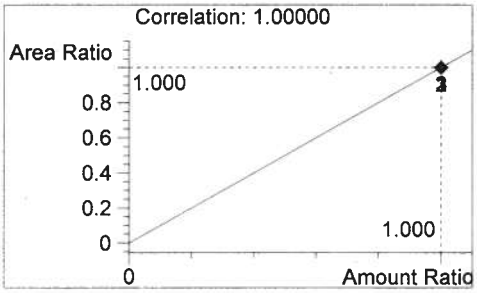
vial # 3



#	Compound	Area	RT
1	Ethanol	1816	1.040
2	n-Propanol	2514	1.707
Tot			



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

CM

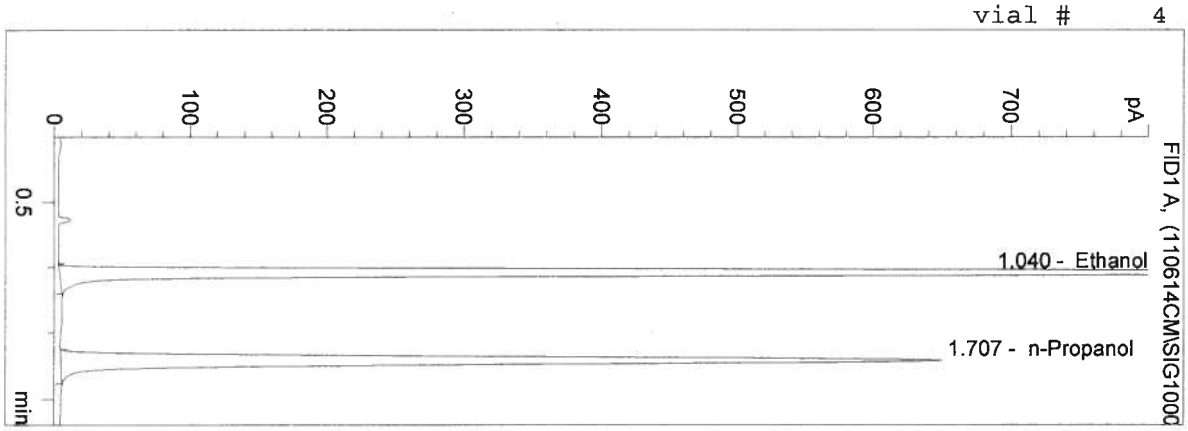
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

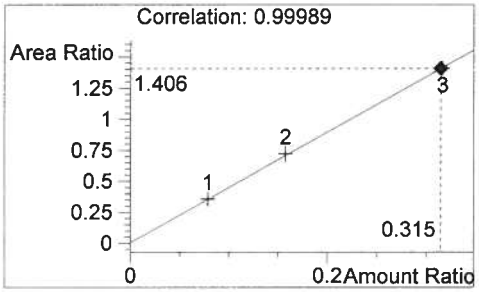
C:\HPCHEM\1\METHODS\SIMALC1.M
6/14/2011 9:41:39 AM
Instrument 1
DB-ALC1

0.316 CAL 3
Christie Mitchell

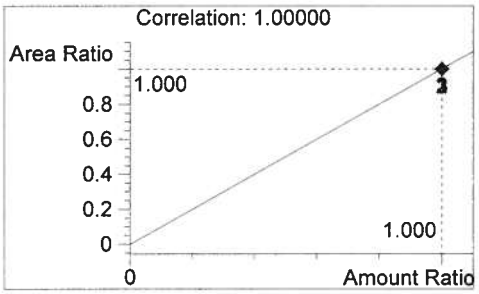
vial # 4



#	Compound	Area	RT
1	Ethanol	3557	1.040
2	n-Propanol	2530	1.707
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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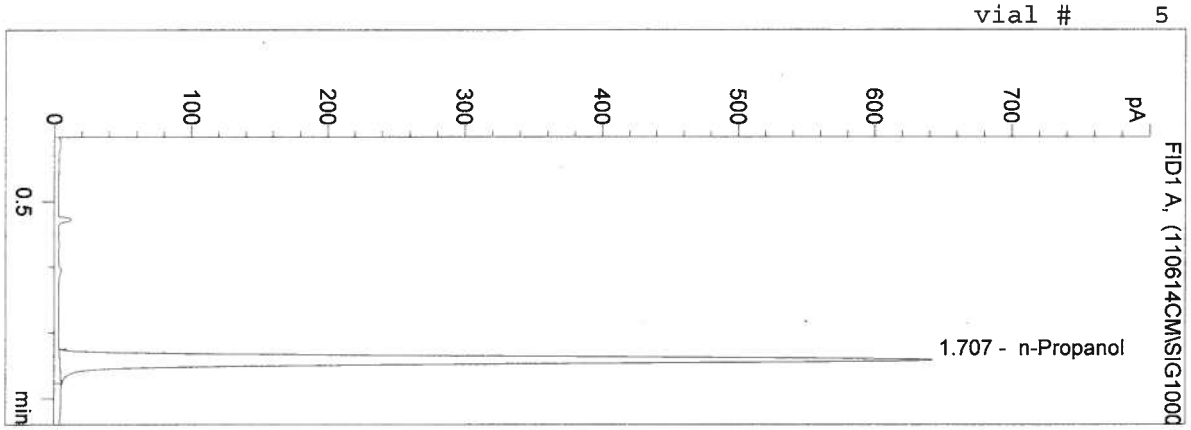
WASHINGTON STATE TOXICOLOGY LABORATORY

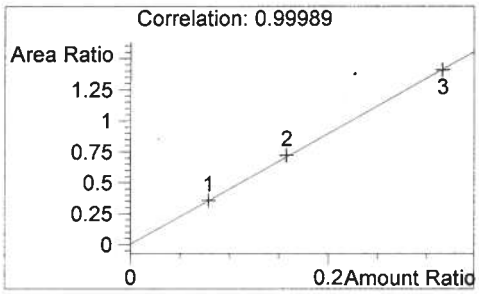
C:\HPCHEM\1\METHODS\SIMALC1.M
6/14/2011 9:44:44 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

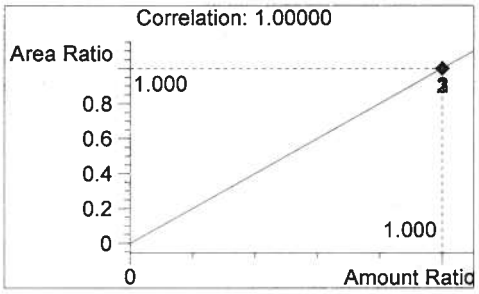
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2499	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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WASHINGTON STATE TOXICOLOGY LABORATORY

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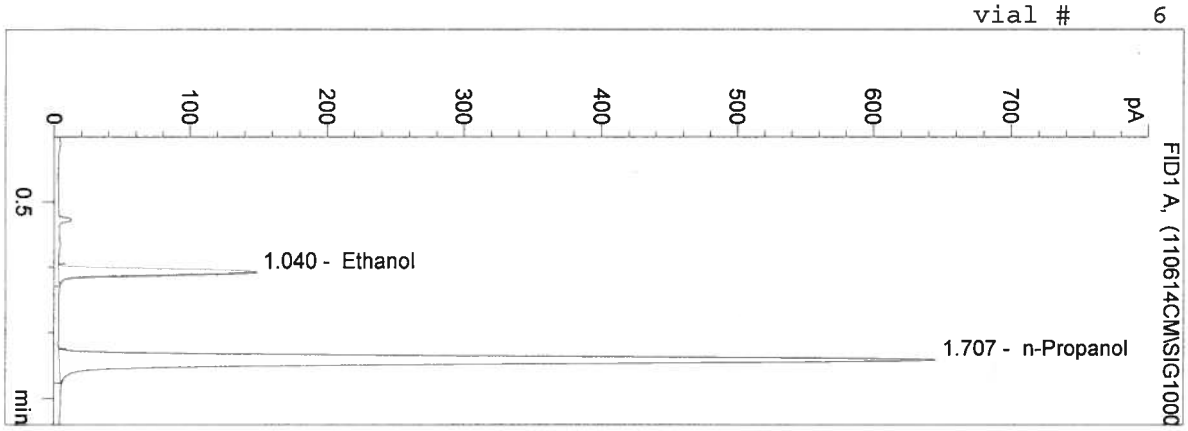
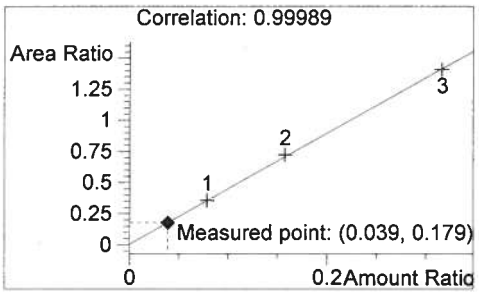
6/14/2011 9:47:49 AM
Instrument 1
DB-ALC1

0.04 CTRL - CM
Christie Mitchell

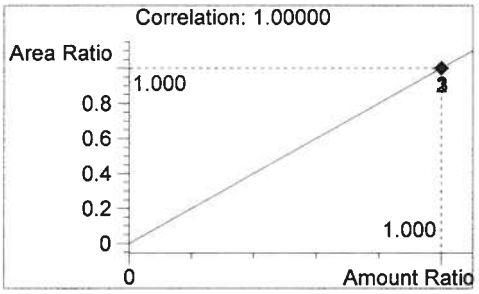
vial # 6



#	Compound	Area	RT
1	Ethanol	449	1.040
2	n-Propanol	2513	1.707
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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WASHINGTON STATE TOXICOLOGY LABORATORY

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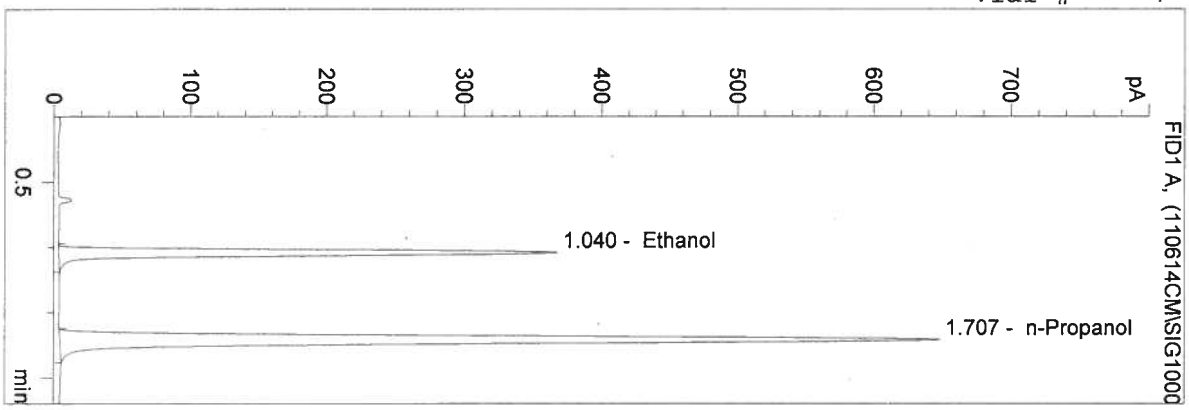
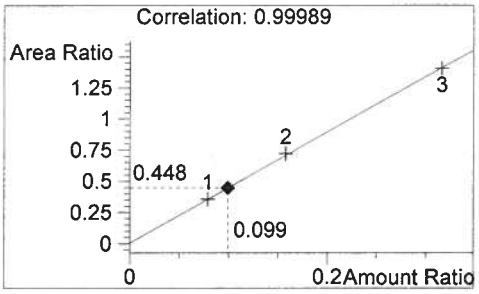
6/14/2011 9:50:54 AM
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

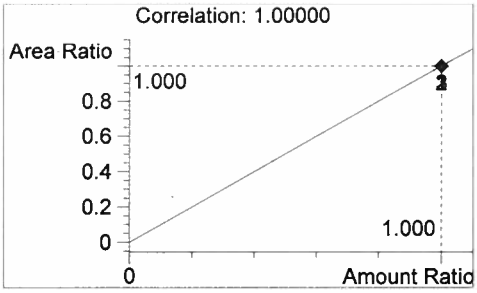
vial # 7



#	Compound	Area	RT
1	Ethanol	1128	1.040
2	n-Propanol	2520	1.707
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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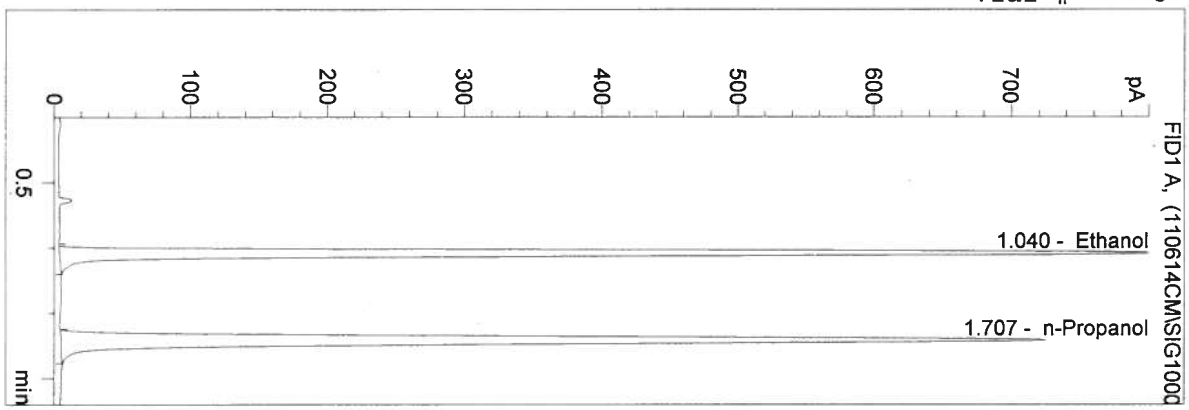
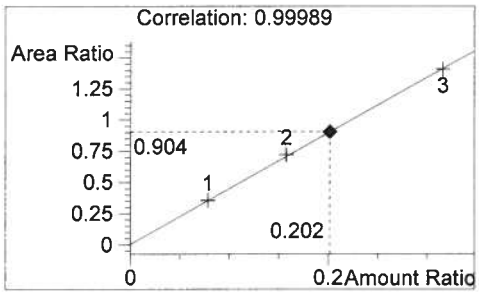
C:\HPCHEM\1\METHODS\SIMALC1.M
6/14/2011 9:53:58 AM
Instrument 1
DB-ALC1

0.20 CTRL - CM
Christie Mitchell

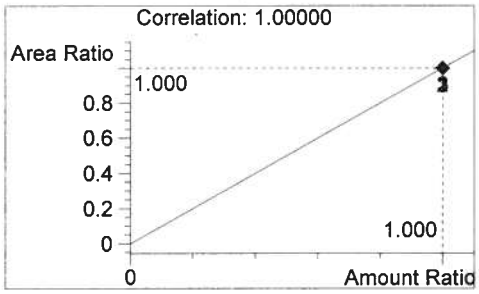
vial # 8



#	Compound	Area	RT
1	Ethanol	2550	1.040
2	n-Propanol	2822	1.707
Tot			



Ethanol 0.202 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11027

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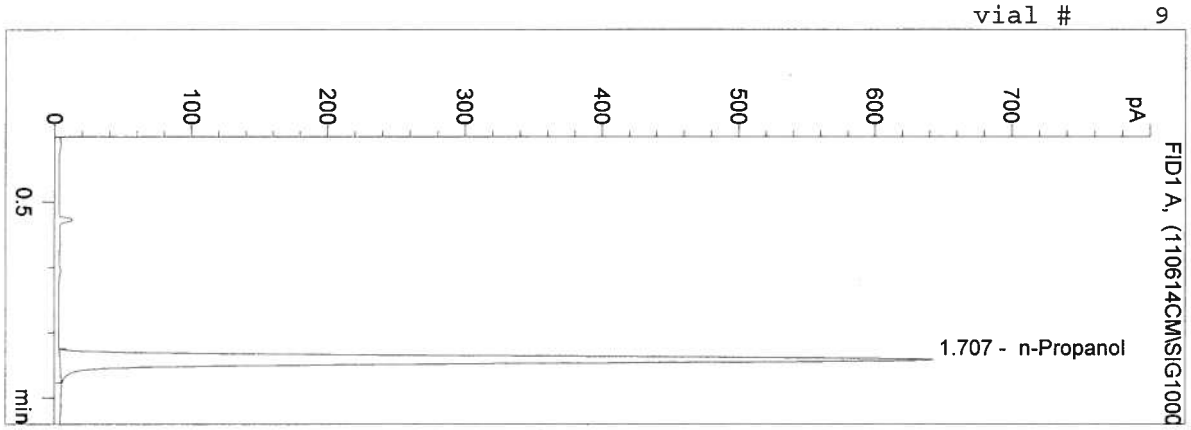
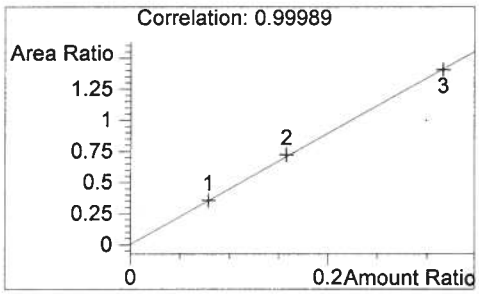
6/14/2011 9:57:03 AM
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

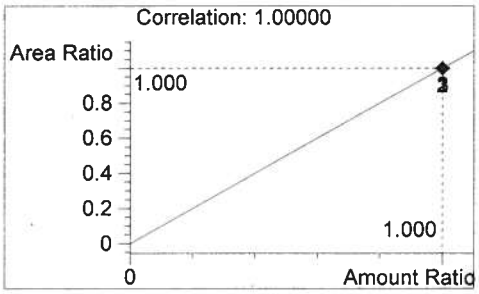
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2500	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

11027

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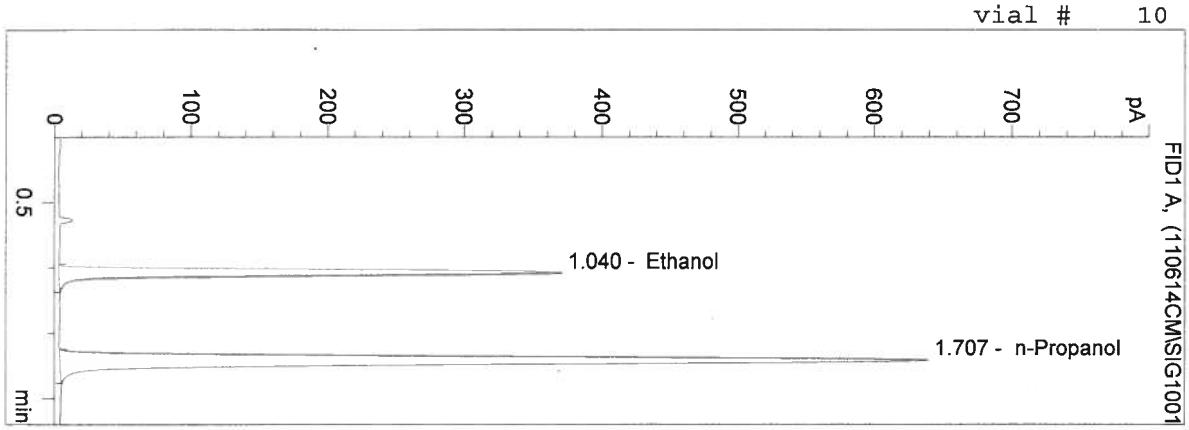
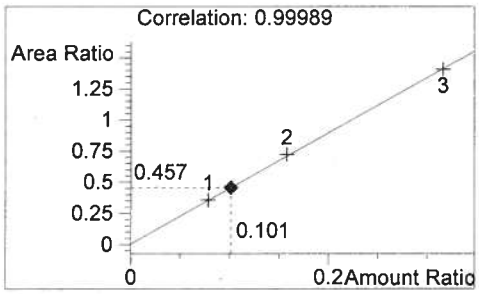
6/14/2011 10:00:08 AM
Instrument 1
DB-ALC1

11027 #1
Christie Mitchell

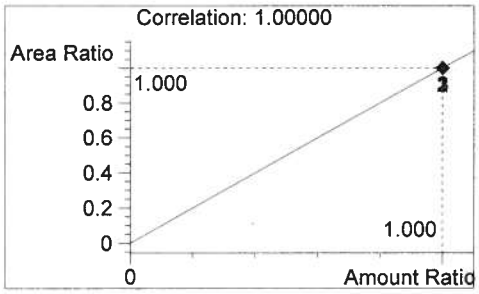
vial # 10



#	Compound	Area	RT
1	Ethanol	1135	1.040
2	n-Propanol	2487	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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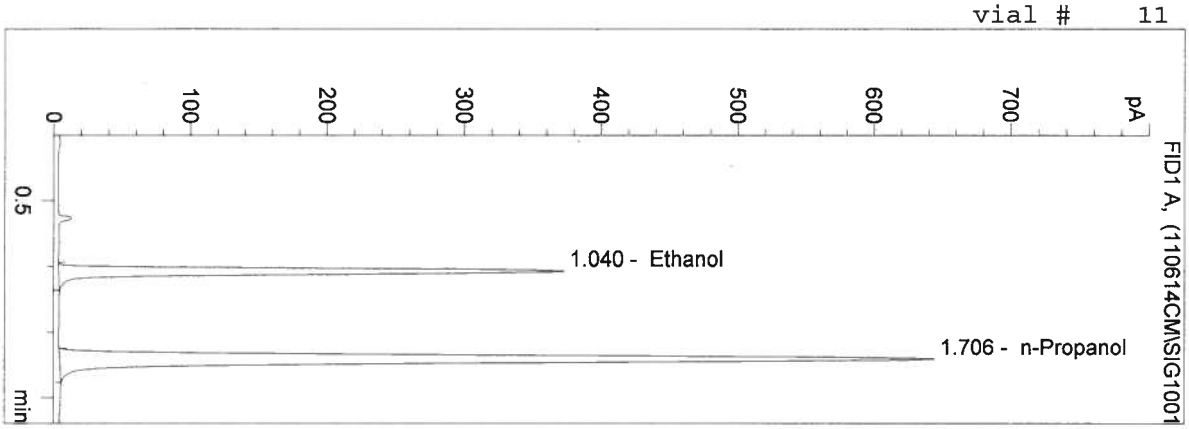
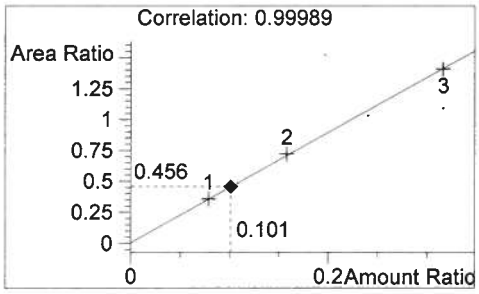
6/14/2011 10:03:13 AM
Instrument 1
DB-ALC1

11027 #2
Christie Mitchell

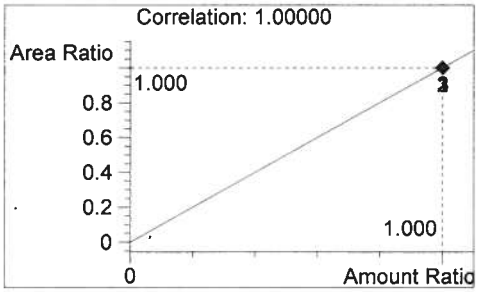
vial # 11



#	Compound	Area	RT
1	Ethanol	1141	1.040
2	n-Propanol	2503	1.706
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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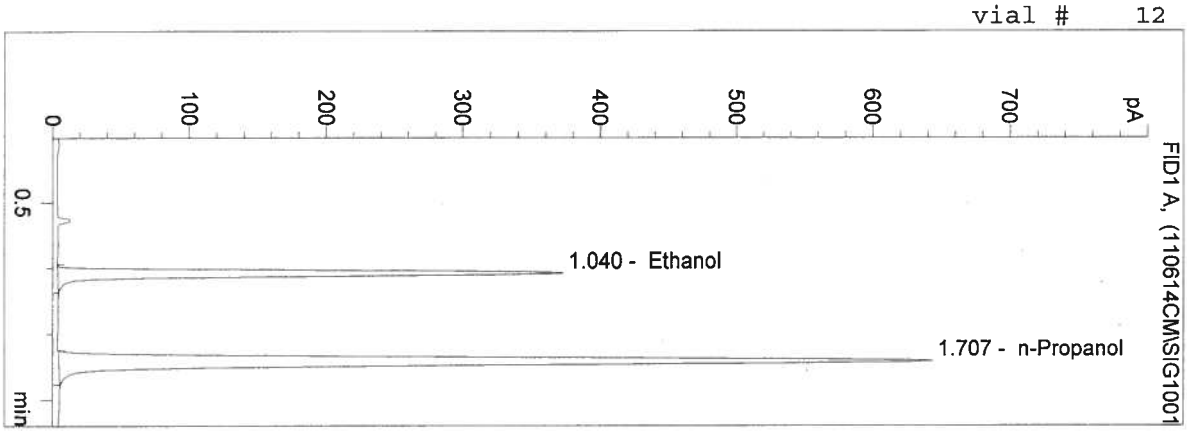
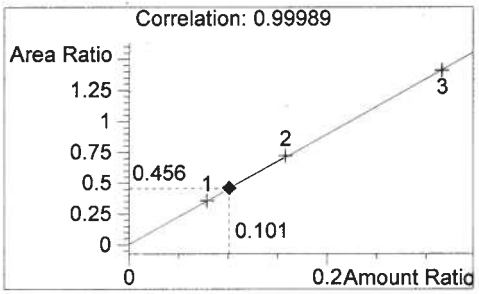
6/14/2011 10:06:18 AM
Instrument 1
DB-ALC1

11027 #3
Christie Mitchell

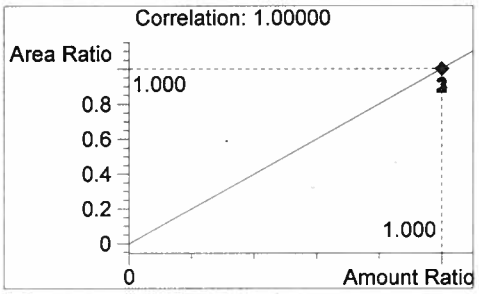
vial # 12



#	Compound	Area	RT
1	Ethanol	1140	1.040
2	n-Propanol	2499	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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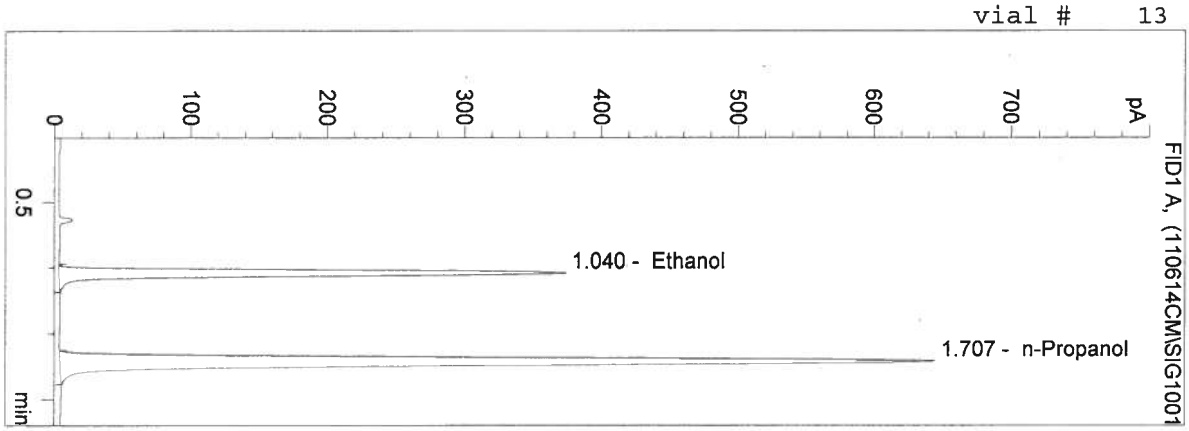
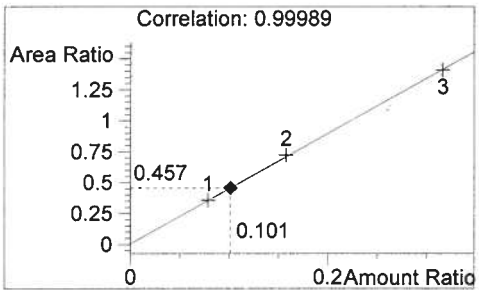
6/14/2011 10:09:23 AM
Instrument 1
DB-ALC1

11027 #4
Christie Mitchell

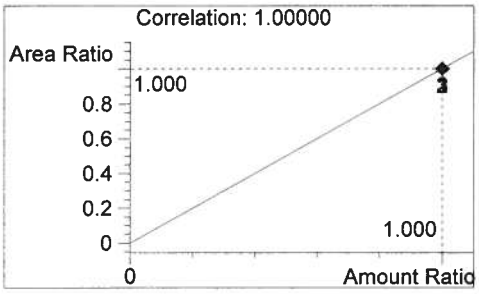
vial # 13



#	Compound	Area	RT
1	Ethanol	1144	1.040
2	n-Propanol	2503	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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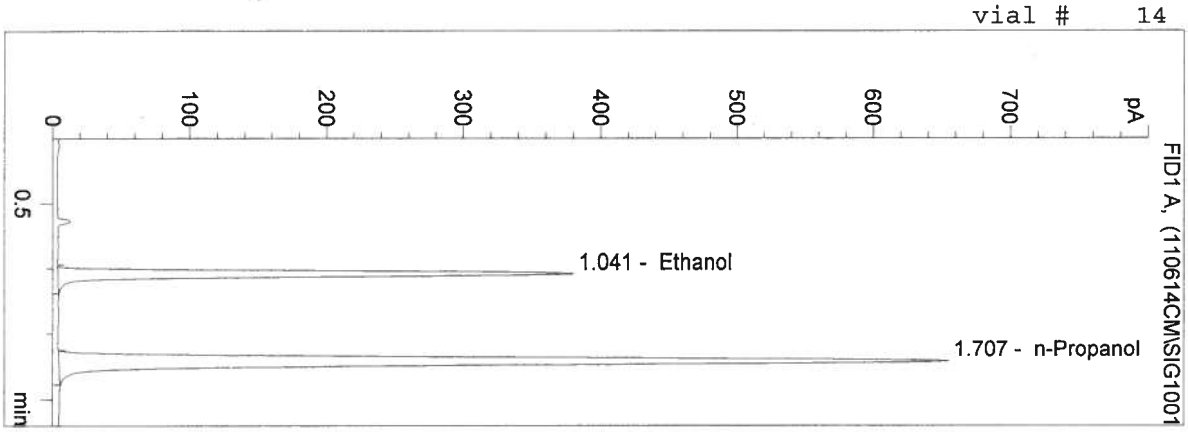
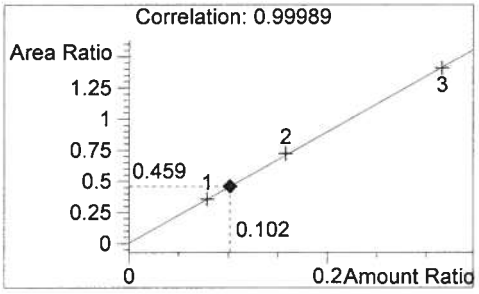
Instrument 1
DB-ALC1

11027 #5
Christie Mitchell

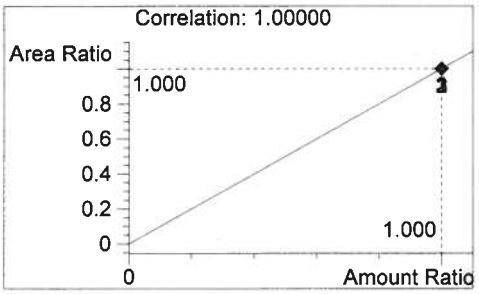
vial # 14



#	Compound	Area	RT
1	Ethanol	1168	1.041
2	n-Propanol	2546	1.707
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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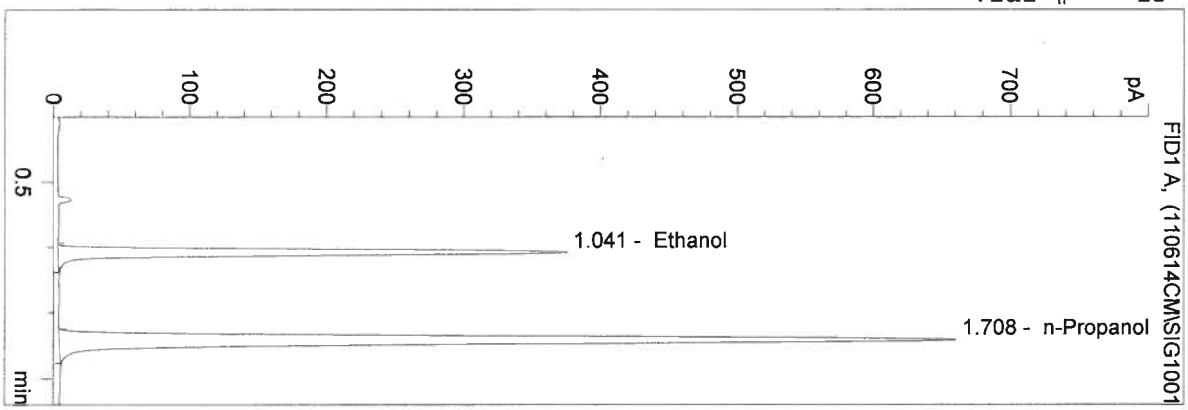
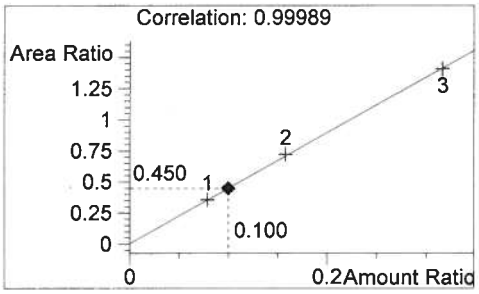
Instrument 1
DB-ALC1

0.10 CTRL - CM
Christie Mitchell

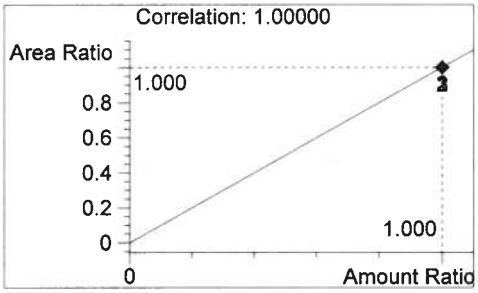
vial # 15



#	Compound	Area	RT
1	Ethanol	1159	1.041
2	n-Propanol	2575	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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WASHINGTON STATE TOXICOLOGY LABORATORY

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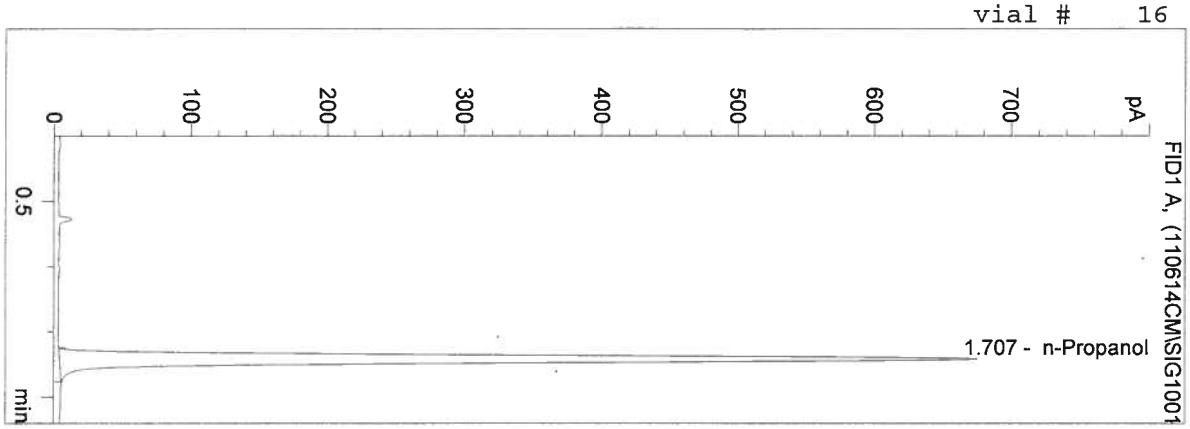
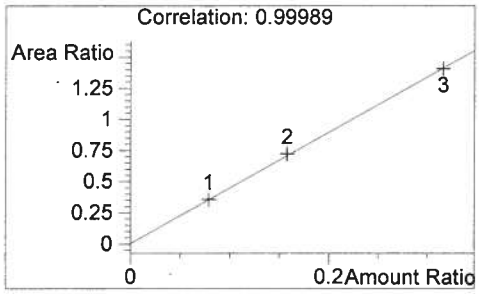
Instrument 1
DB-ALC1

NEG CTRL - CM
Christie Mitchell

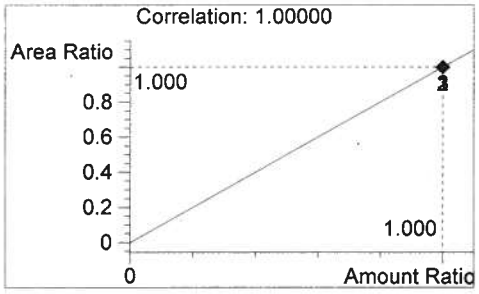
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2626	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

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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:	110614AL
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# a073849 exp 07/2014

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	11027 #1	SIMALC1	1	Sample		
11	Vial 11	11027 #2	SIMALC1	1	Sample		
12	Vial 12	11027 #3	SIMALC1	1	Sample		
13	Vial 13	11027 #4	SIMALC1	1	Sample		
14	Vial 14	11027 #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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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!

AL
20110614

AL
20110627

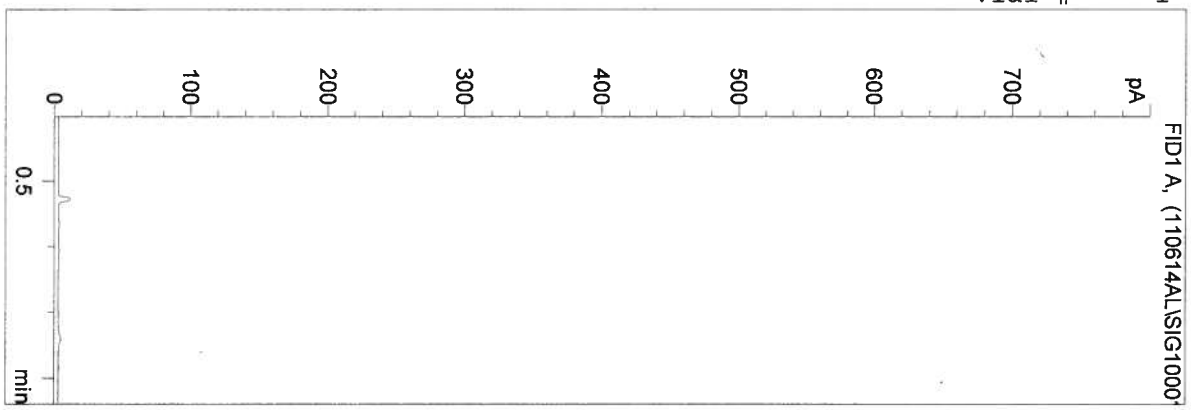
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

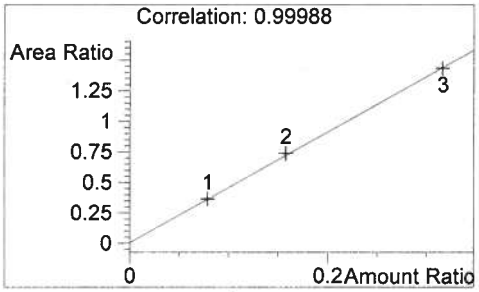
C:\HPCHEM\1\METHODS\SIMALC1.M
6/14/2011 10:43:42 AM
Instrument 1
DB-ALC1

blank
asa louis

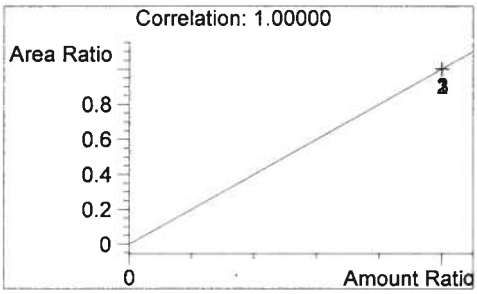
vial # 1



#	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

AL 20110614
A 20110627

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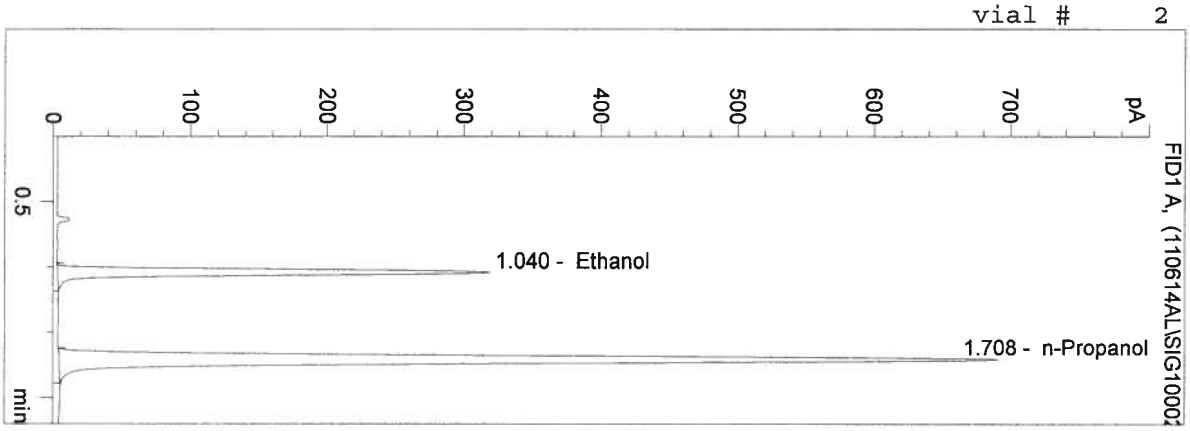
WASHINGTON STATE TOXICOLOGY LABORATORY

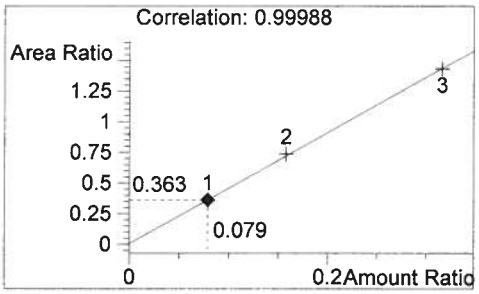
C:\HPCHEM\1\METHODS\SIMALC1.M
6/14/2011 10:46:47 AM
Instrument 1
DB-ALC1

0.079 cal 1
asa louis

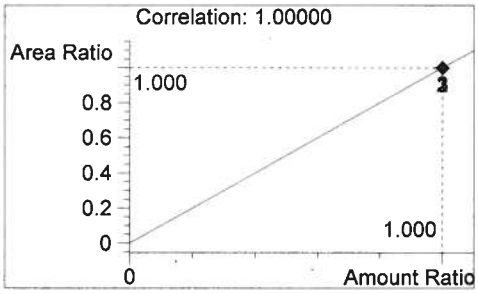
vial # 2



#	Compound	Area	RT
1	Ethanol	974	1.040
2	n-Propanol	2687	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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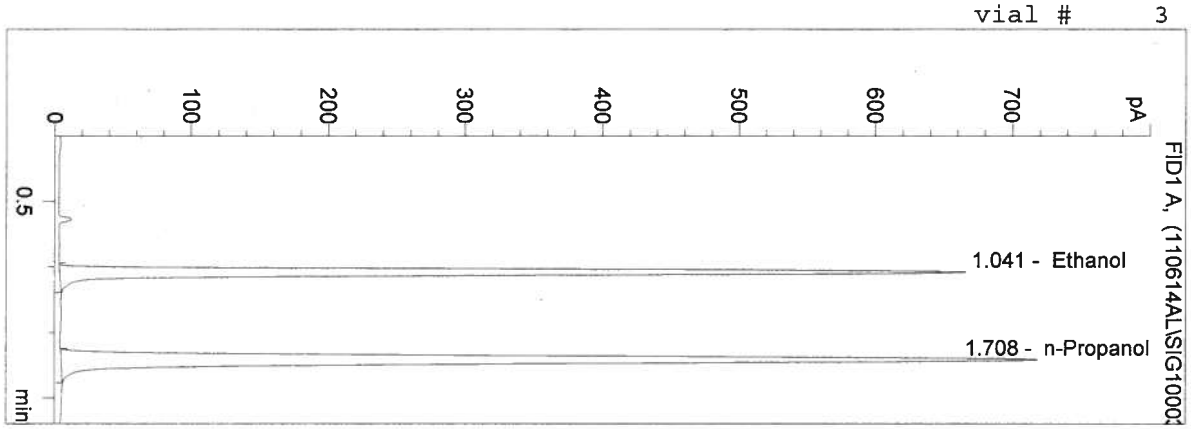
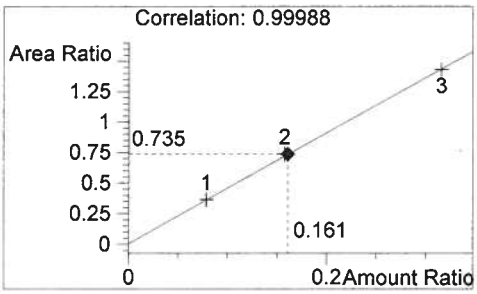
6/14/2011 10:49:52 AM
Instrument 1
DB-ALC1

0.158 cal 2
asa louis

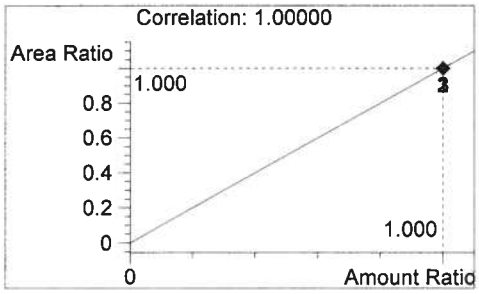
vial # 3



#	Compound	Area	RT
1	Ethanol	2058	1.041
2	n-Propanol	2799	1.708
Tot			



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

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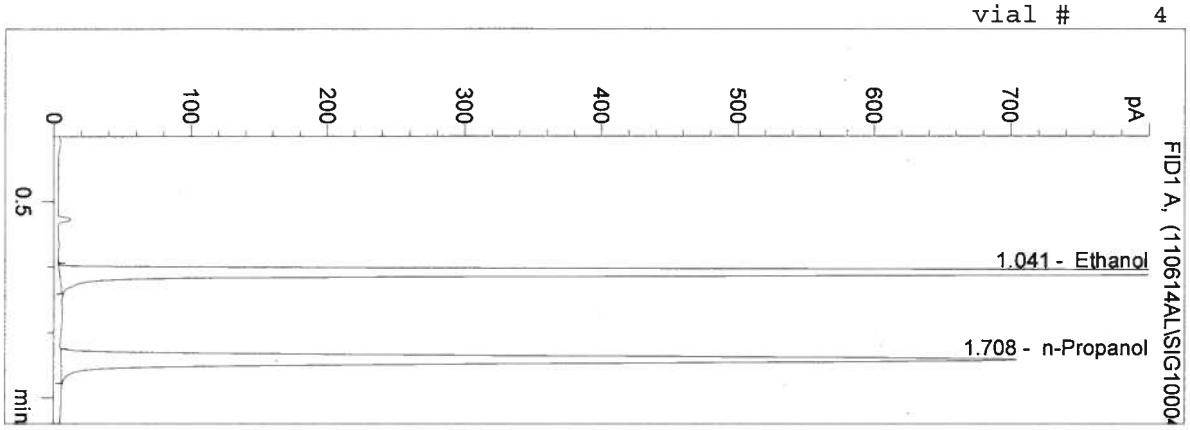
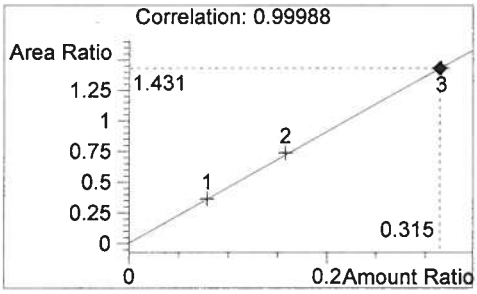
6/14/2011 10:52:57 AM
Instrument 1
DB-ALC1

0.316 cal 3
asa louis

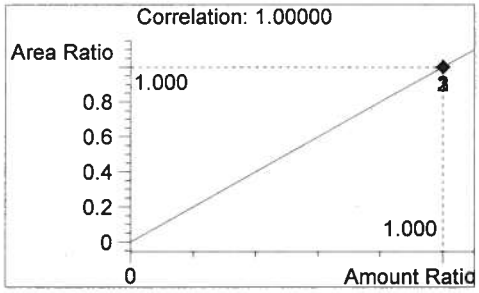
vial # 4



#	Compound	Area	RT
1	Ethanol	3927	1.041
2	n-Propanol	2745	1.708
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

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A 20110627

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WASHINGTON STATE TOXICOLOGY LABORATORY

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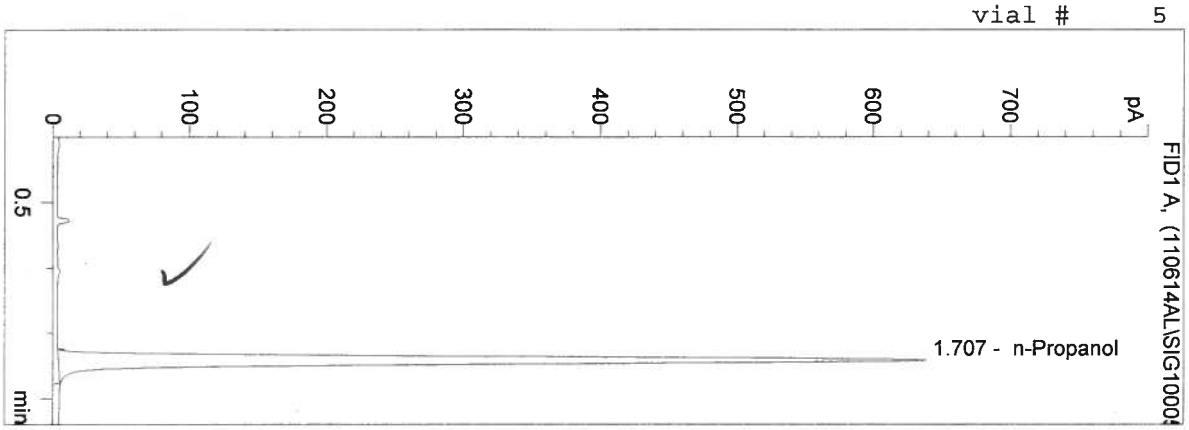
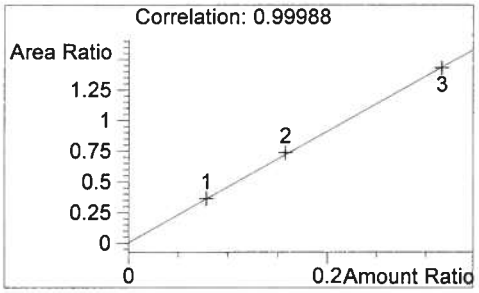
6/14/2011 10:56:01 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

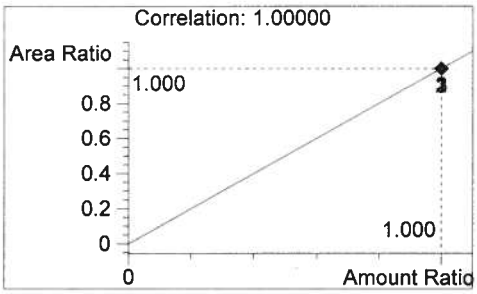
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2482	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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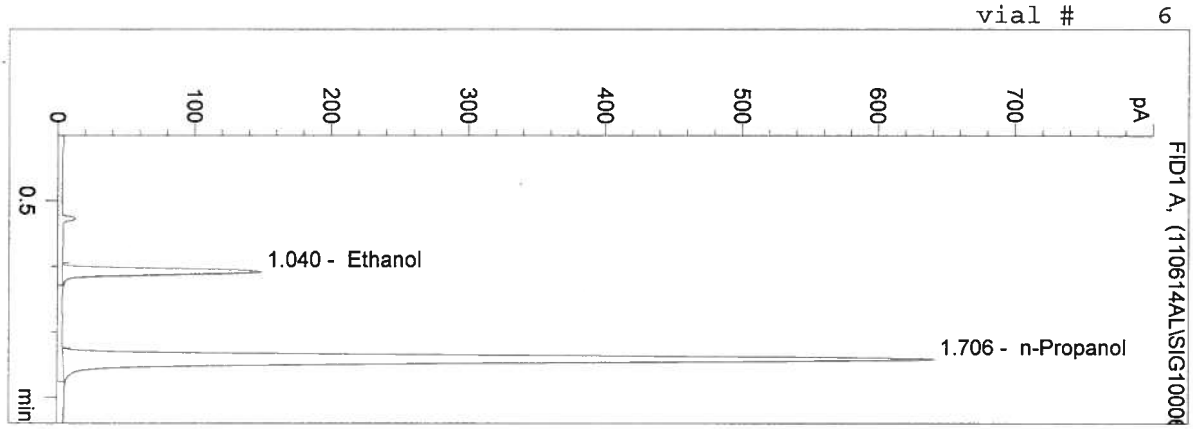
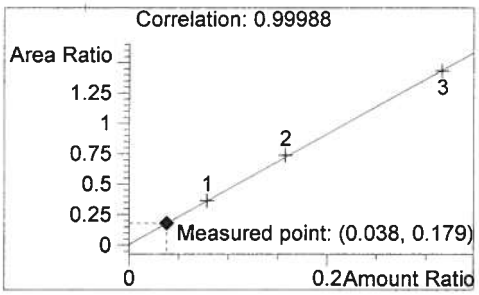
Instrument 1
DB-ALC1

0.04 ctrl al
asa louis

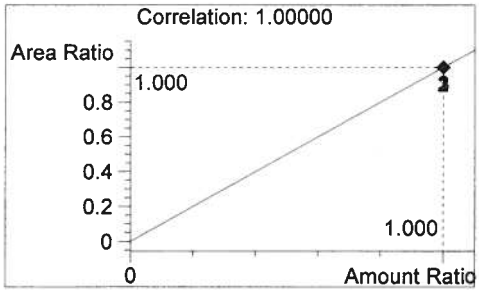
vial # 6



#	Compound	Area	RT
1	Ethanol	445	1.040
2	n-Propanol	2489	1.706
Tot			



Ethanol 0.038 g/100 mL



n-Propanol 1.000 g/100 mL

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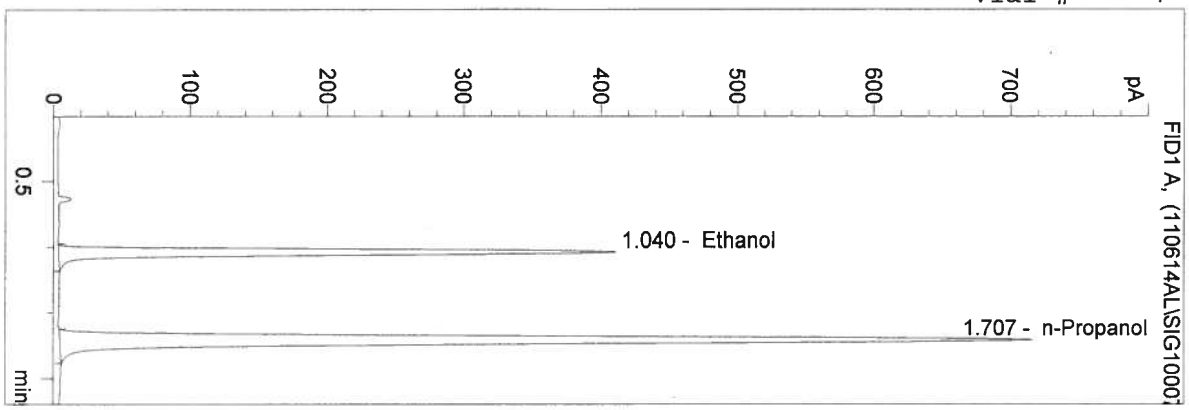
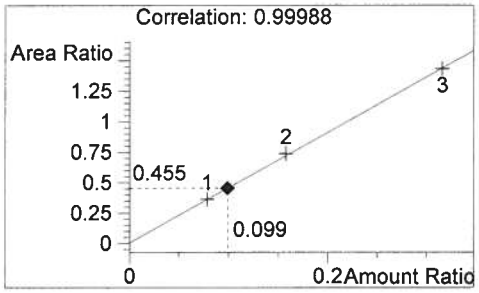
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

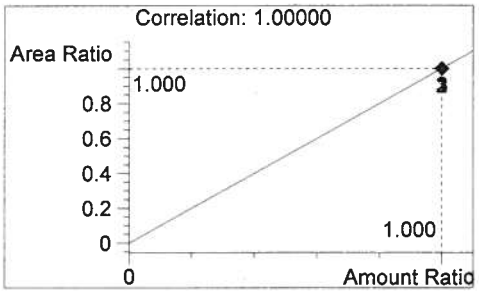
vial # 7



#	Compound	Area	RT
1	Ethanol	1265	1.040
2	n-Propanol	2783	1.707
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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A 20110627

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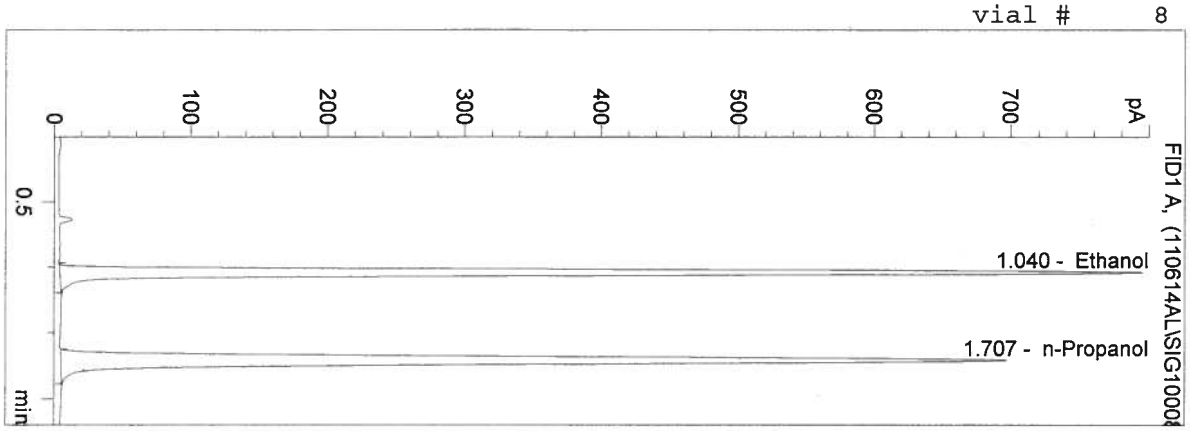
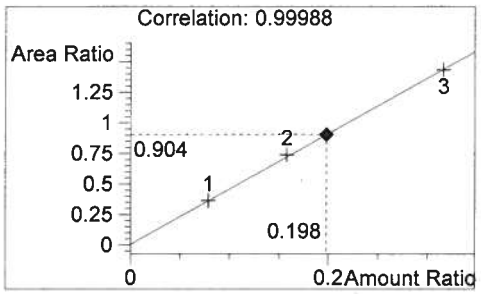
Instrument 1
DB-ALC1

0.20 ctrl al
asa louis

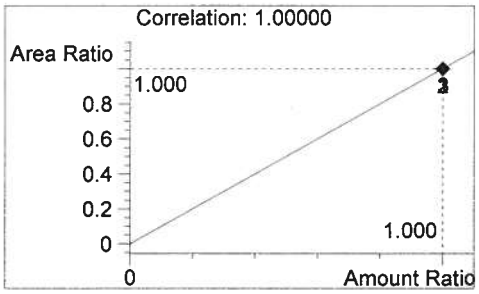
vial # 8



#	Compound	Area	RT
1	Ethanol	2447	1.040
2	n-Propanol	2706	1.707
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

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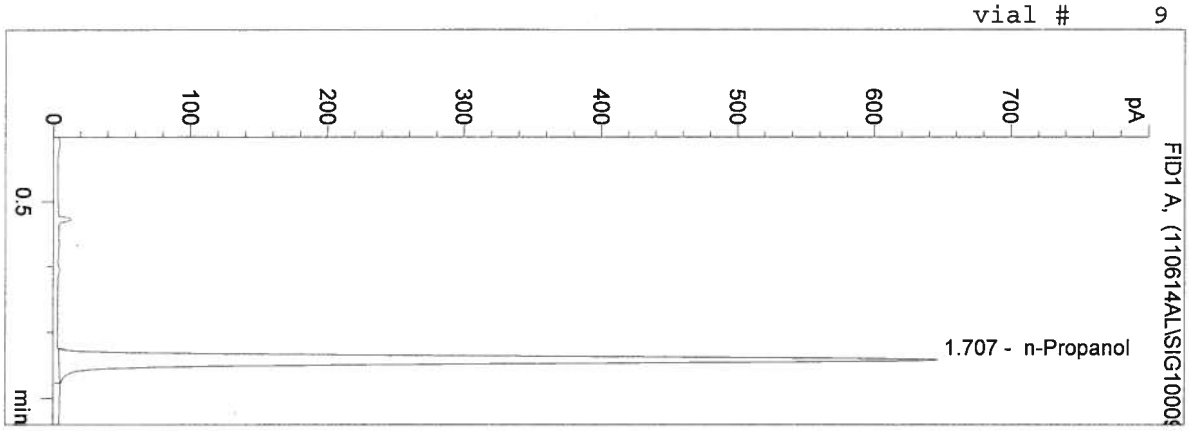
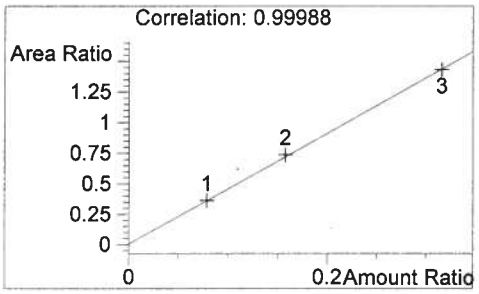
6/14/2011 11:08:20 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

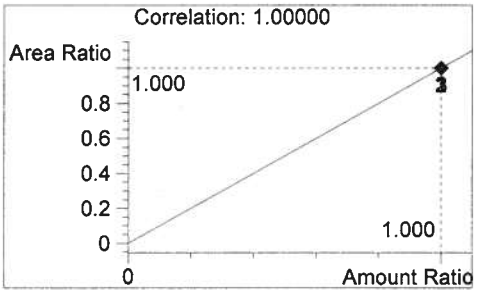
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2511	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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AK 20110627

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WASHINGTON STATE TOXICOLOGY LABORATORY

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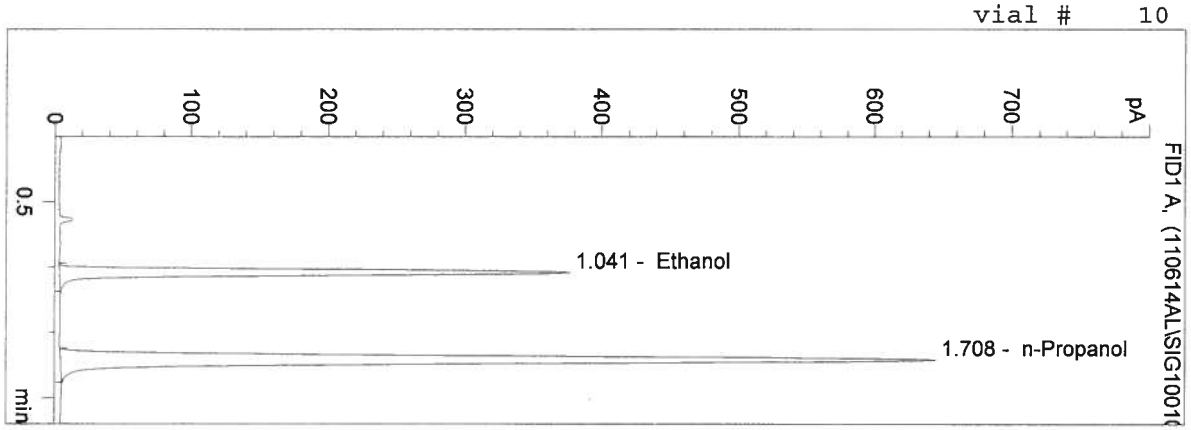
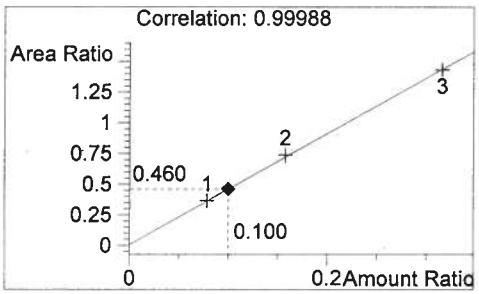
6/14/2011 11:11:25 AM
Instrument 1
DB-ALC1

11027 #1
asa louis

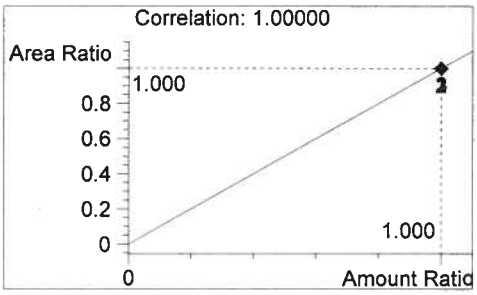
vial # 10



#	Compound	Area	RT
1	Ethanol	1153	1.041
2	n-Propanol	2507	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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AK 20110614

WASHINGTON STATE TOXICOLOGY LABORATORY

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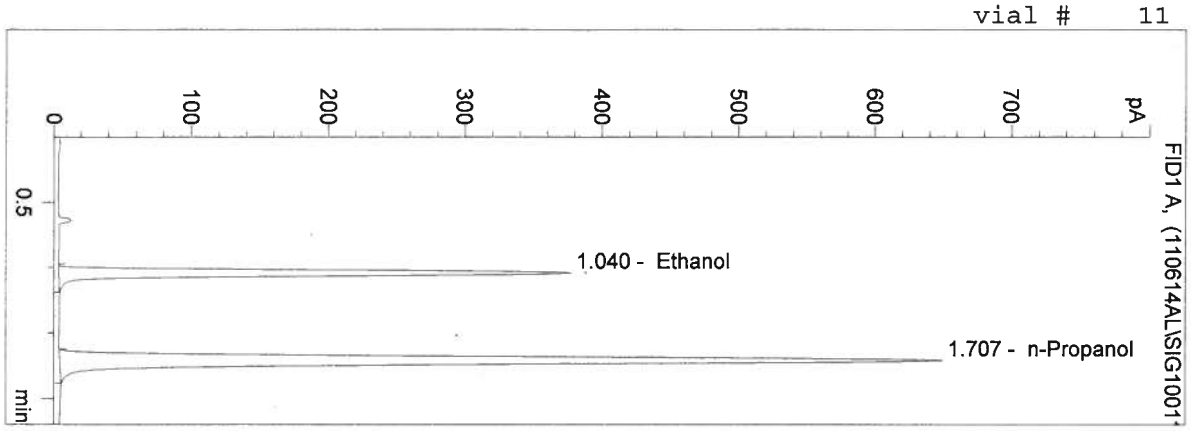
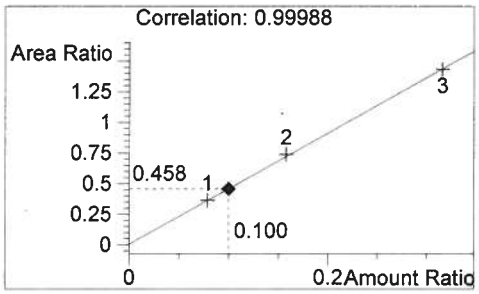
6/14/2011 11:14:30 AM
Instrument 1
DB-ALC1

11027 #2
asa louis

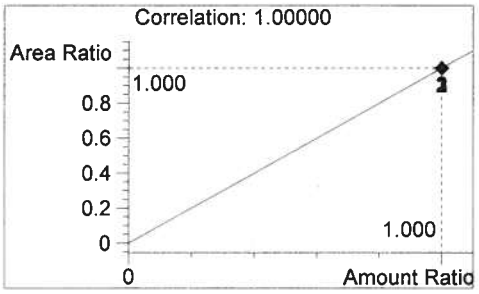
vial # 11



#	Compound	Area	RT
1	Ethanol	1155	1.040
2	n-Propanol	2524	1.707
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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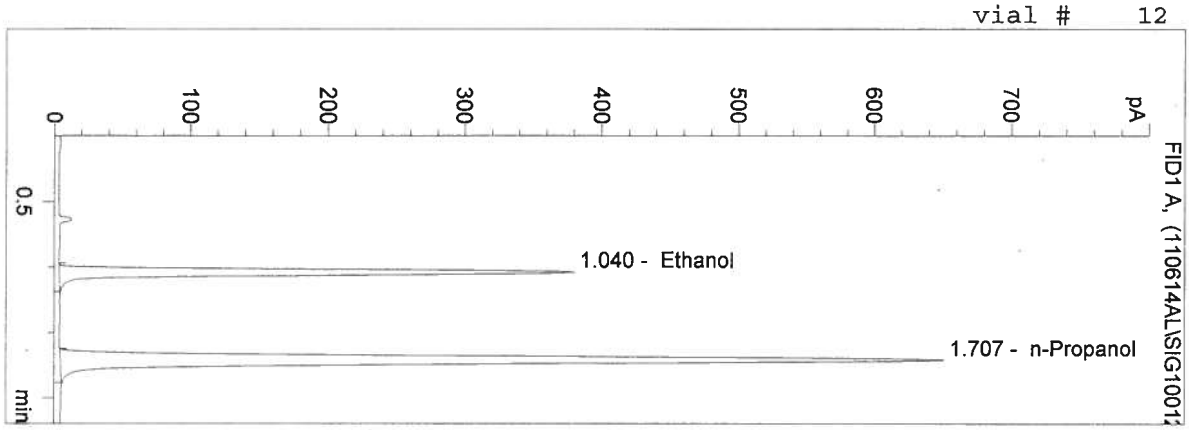
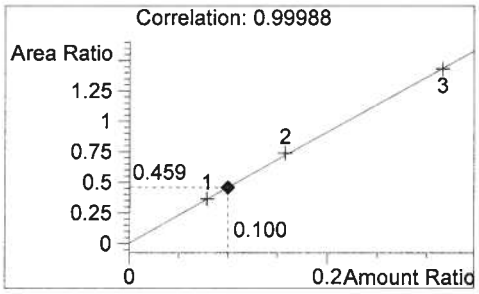
6/14/2011 11:17:35 AM
Instrument 1
DB-ALC1

11027 #3
asa louis

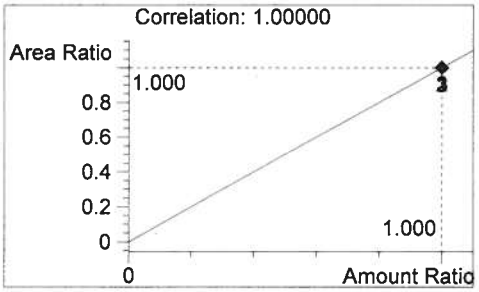
vial # 12



#	Compound	Area	RT
1	Ethanol	1160	1.040
2	n-Propanol	2530	1.707
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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AL 20110627

WASHINGTON STATE TOXICOLOGY LABORATORY

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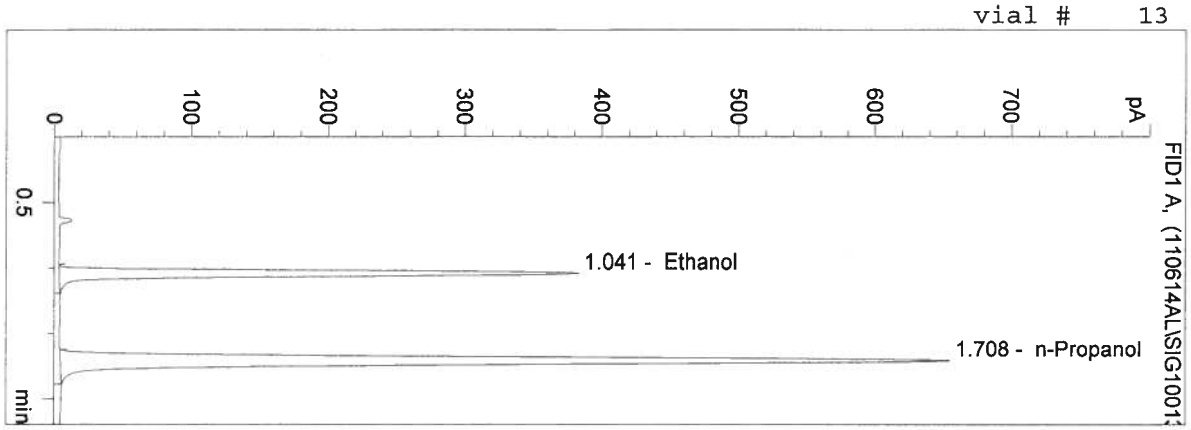
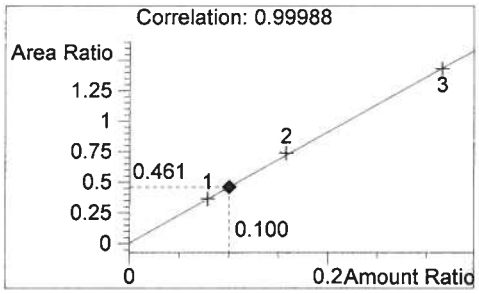
6/14/2011 11:20:39 AM
Instrument 1
DB-ALC1

11027 #4
asa louis

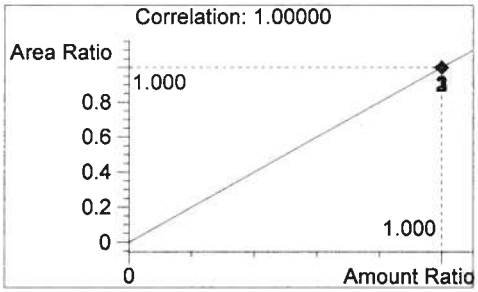
vial # 13



#	Compound	Area	RT
1	Ethanol	1172	1.041
2	n-Propanol	2542	1.708
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

AL 20110614

AL 20110627

WASHINGTON STATE TOXICOLOGY LABORATORY

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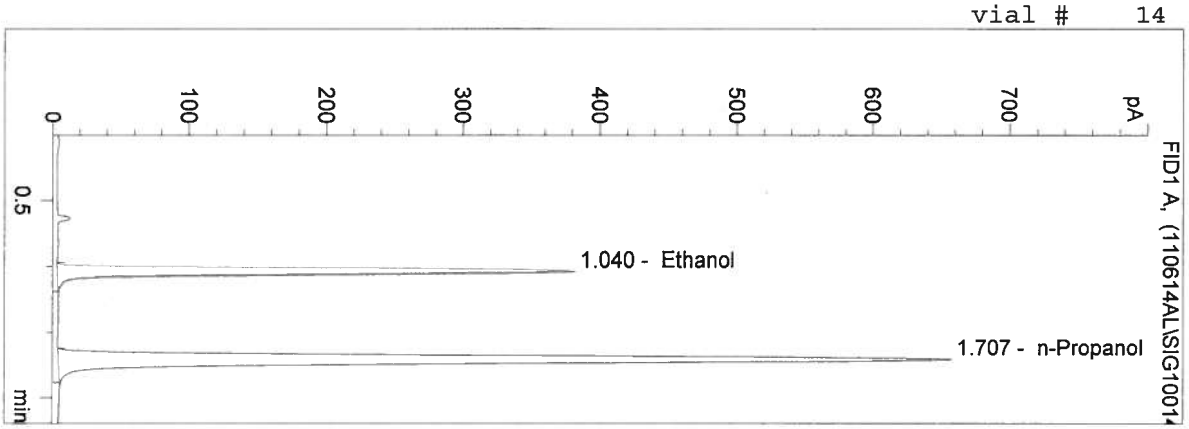
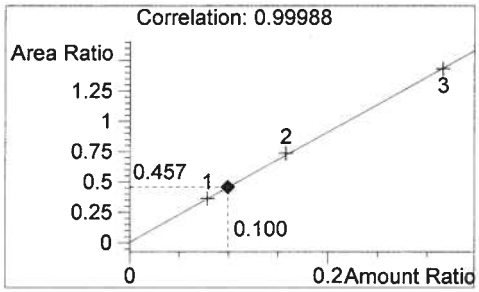
6/14/2011 11:23:44 AM
Instrument 1
DB-ALC1

11027 #5
asa louis

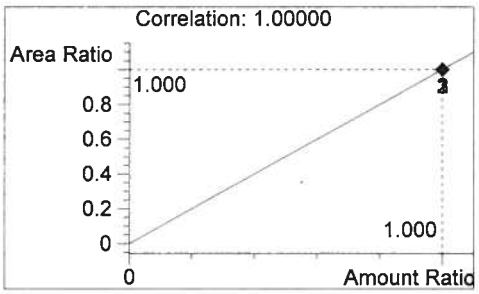
vial # 14



#	Compound	Area	RT
1	Ethanol	1167	1.040
2	n-Propanol	2552	1.707
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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a 20110627

WASHINGTON STATE TOXICOLOGY LABORATORY

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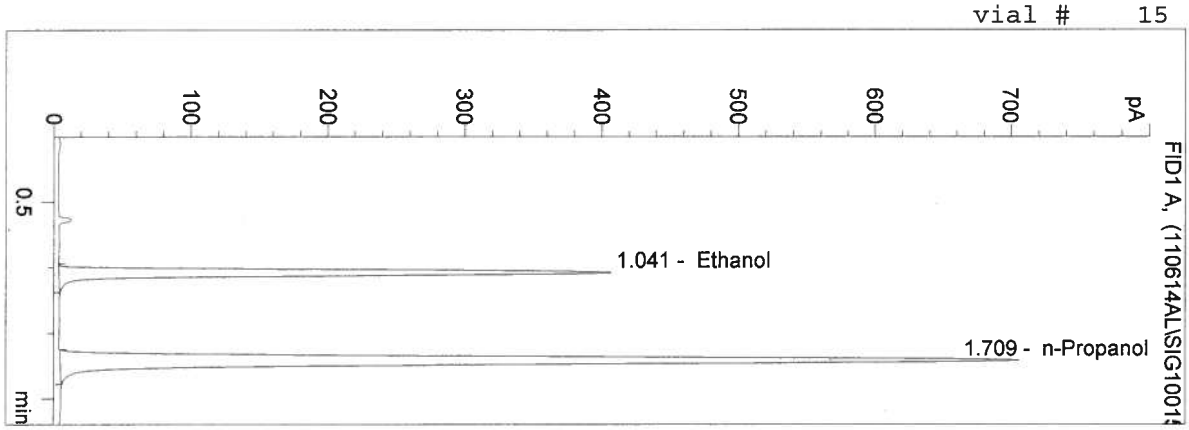
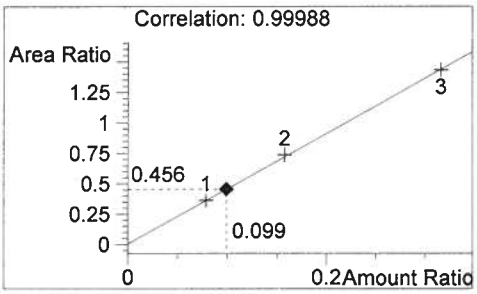
6/14/2011 11:26:49 AM
Instrument 1
DB-ALC1

0.10 ctrl al
asa louis

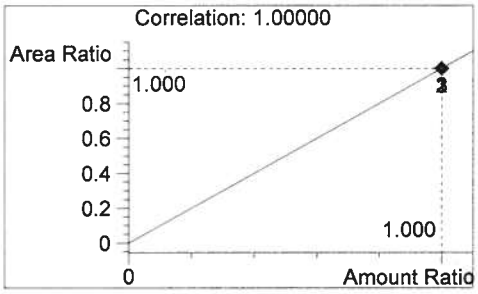
vial # 15



#	Compound	Area	RT
1	Ethanol	1257	1.041
2	n-Propanol	2758	1.709
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

DL 20110604

DL 20110607

11027

WASHINGTON STATE TOXICOLOGY LABORATORY

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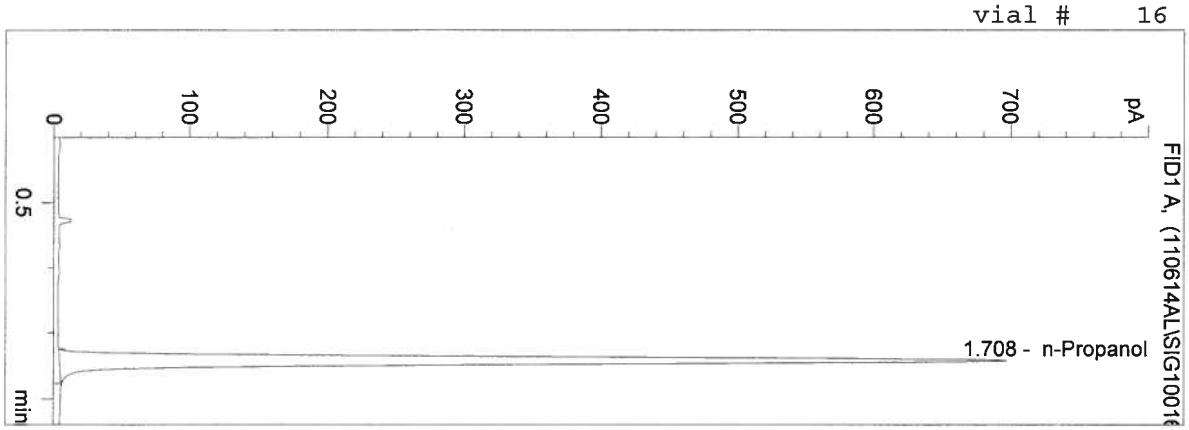
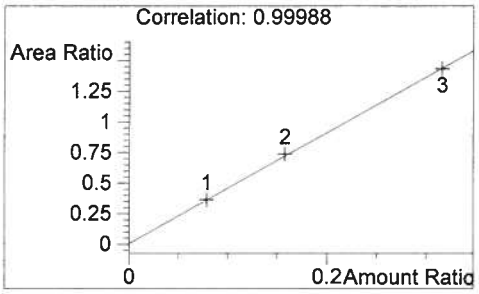
6/14/2011 11:29:54 AM
Instrument 1
DB-ALC1

neg control - al
asa louis

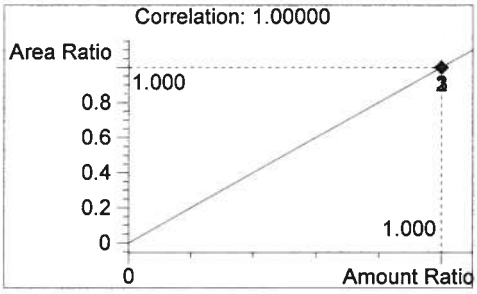
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2716	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

A 20110614

M 20110614

11027

Sequence Parameters:

Operator:	Brittany Ball
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110615BB
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 #A073849 - Exp. 07/2014

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 BB	SIMALC1	1	Ctrl Samp		
6	Vial 6	0.04 CTRL BB	SIMALC1	1	Ctrl Samp		
7	Vial 7	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
8	Vial 8	0.20 CTRL BB	SIMALC1	1	Ctrl Samp		
9	Vial 9	NEG CTRL BB	SIMALC1	1	Ctrl Samp		
10	Vial 10	11027-1	SIMALC1	1	Sample		
11	Vial 11	11027-2	SIMALC1	1	Sample		
12	Vial 12	11027-3	SIMALC1	1	Sample		
13	Vial 13	11027-4	SIMALC1	1	Sample		
14	Vial 14	11027-5	SIMALC1	1	Sample		
15	Vial 15	0.10 CTRL BB	SIMALC1	1	Ctrl Samp		
16	Vial 16	NEG CTRL BB	SIMALC1	1	Ctrl Samp		

BB
6/15/11

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	

Sequence Table (Back Injector):

No entries - empty table!

11027

BB

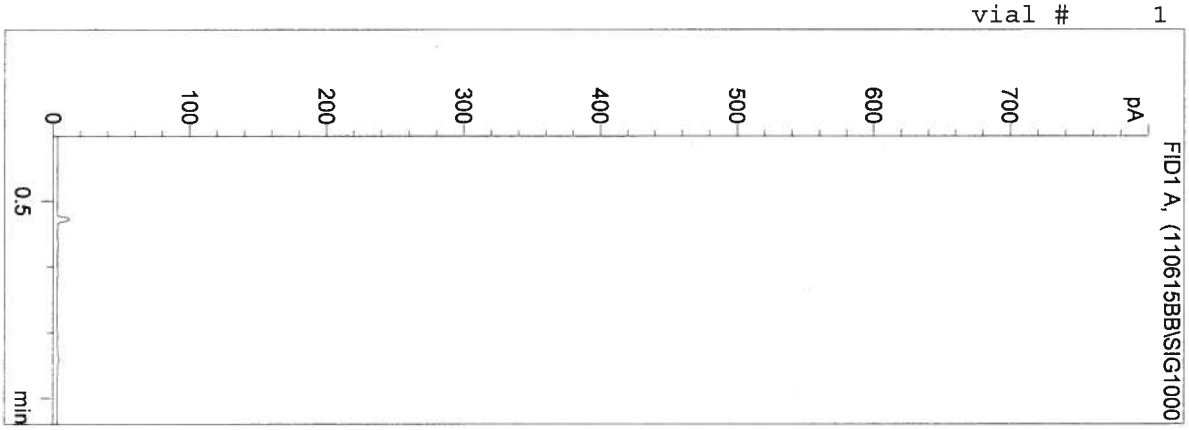
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

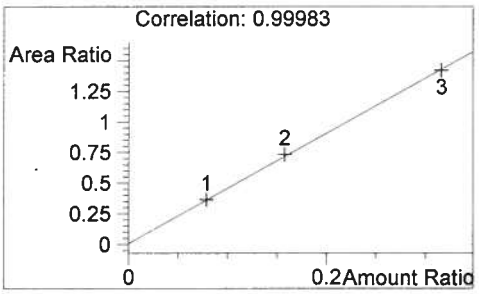
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 1:56:38 PM
Instrument 1
DB-ALC1

BLANK
Brittany Ball

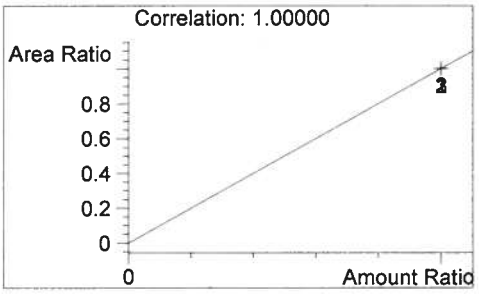
vial # 1



#	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

BB

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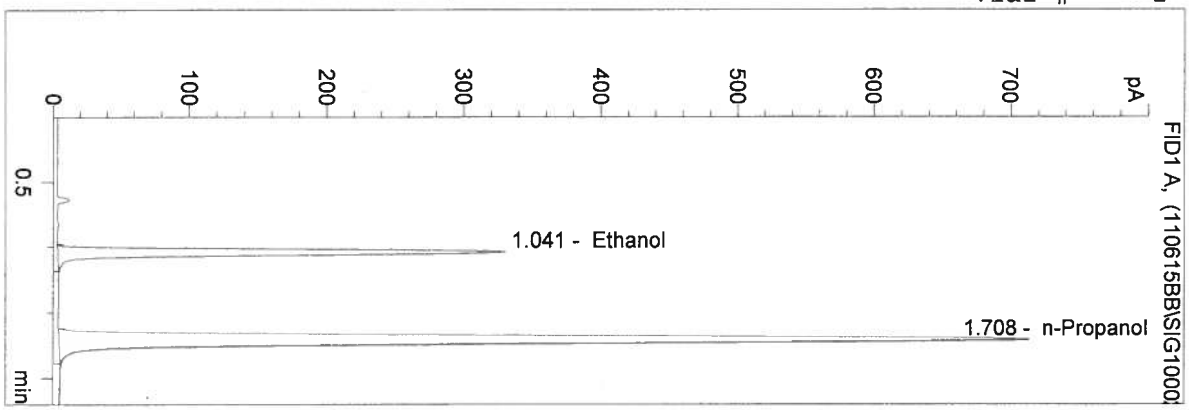
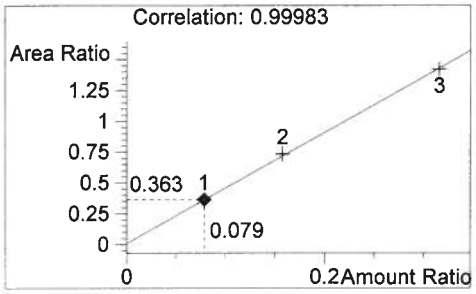
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 1:59:43 PM
Instrument 1
DB-ALC1

0.079 CAL
Brittany Ball

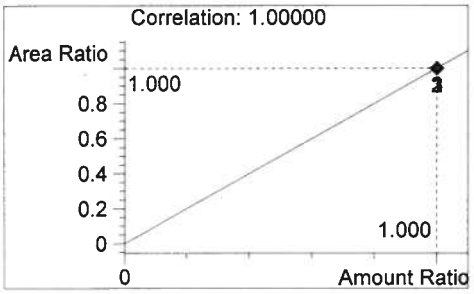
vial # 2



#	Compound	Area	RT
1	Ethanol	1011	1.041
2	n-Propanol	2783	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

BB

11027

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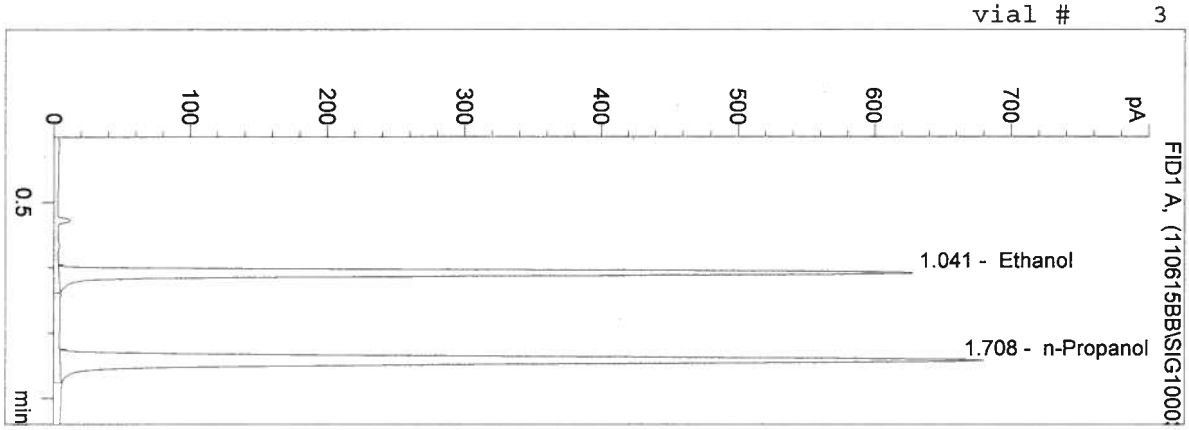
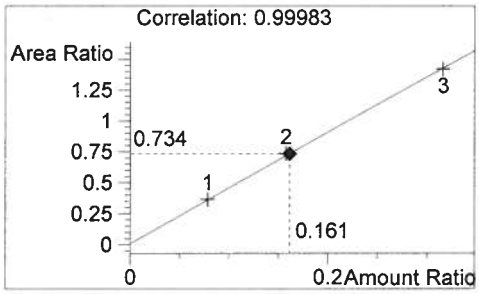
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:02:48 PM
Instrument 1
DB-ALC1

0.158 CAL
Brittany Ball

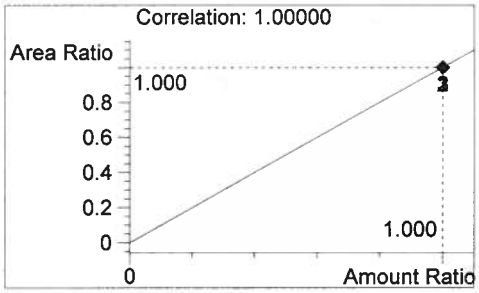
vial # 3



#	Compound	Area	RT
1	Ethanol	1943	1.041
2	n-Propanol	2649	1.708
Tot			



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

BB

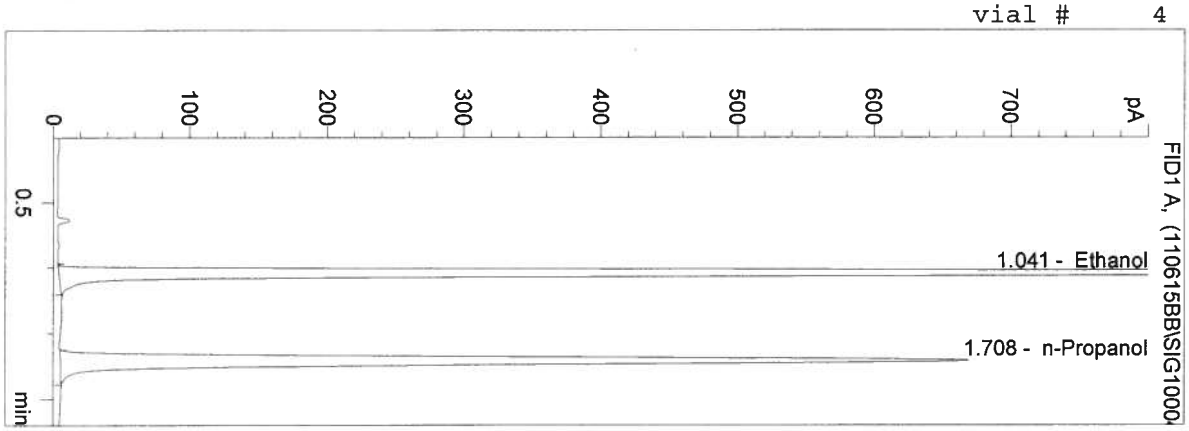
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

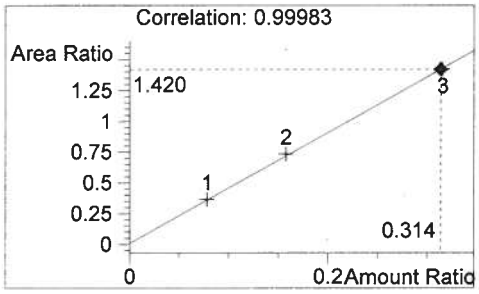
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:05:53 PM
Instrument 1
DB-ALC1

0.316 CAL
Brittany Ball

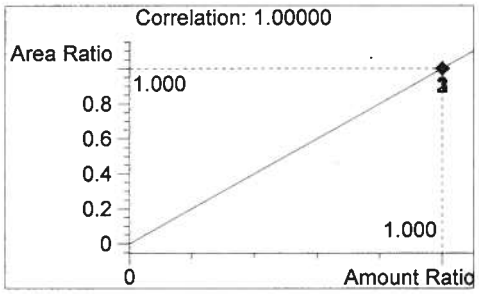
vial # 4



#	Compound	Area	RT
1	Ethanol	3698	1.041
2	n-Propanol	2605	1.708
Tot			



Ethanol 0.314 g/100 mL



n-Propanol 1.000 g/100 mL

BB

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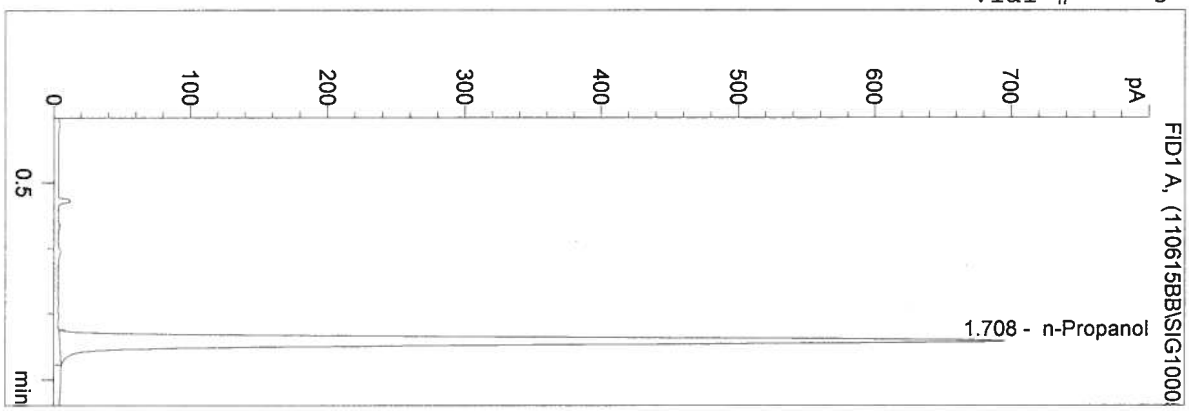
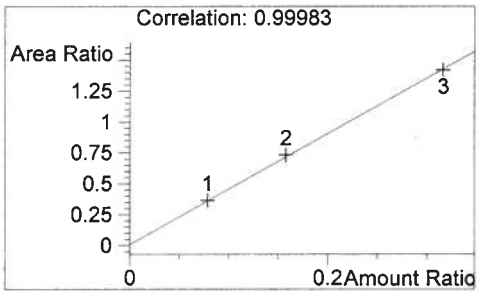
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:08:58 PM
Instrument 1
DB-ALC1

NEG CTRL BB
Brittany Ball

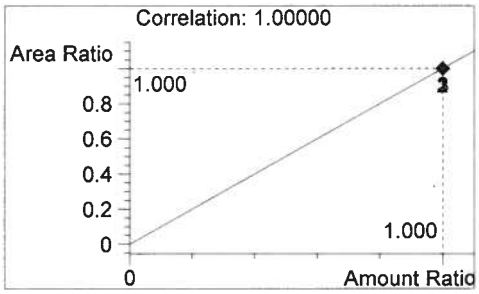
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2710	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

BB

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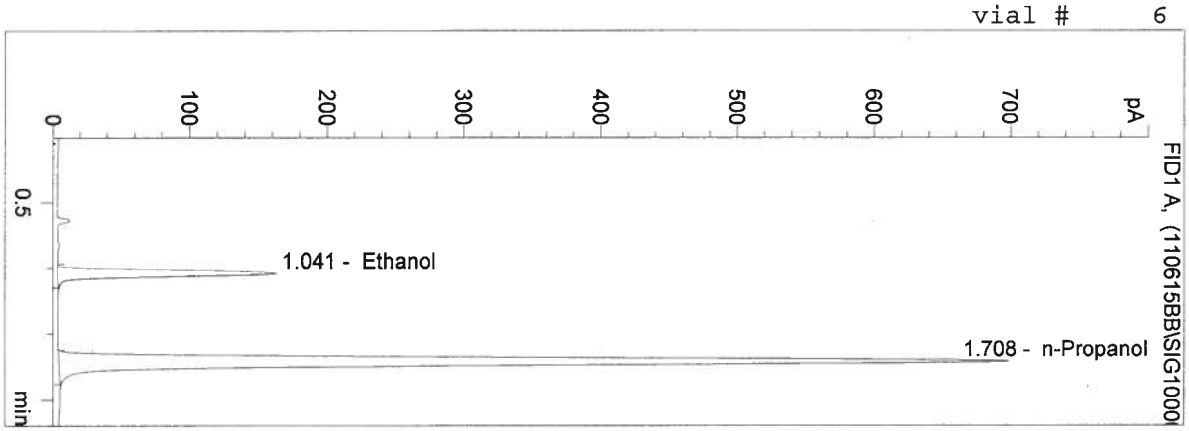
WASHINGTON STATE TOXICOLOGY LABORATORY

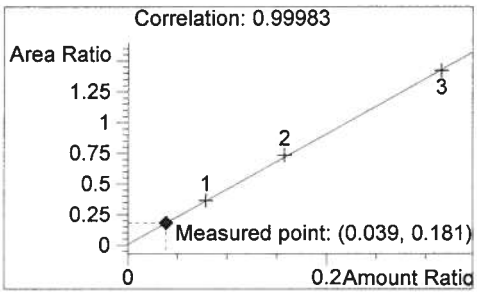
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:12:02 PM
Instrument 1
DB-ALC1

0.04 CTRL BB
Brittany Ball

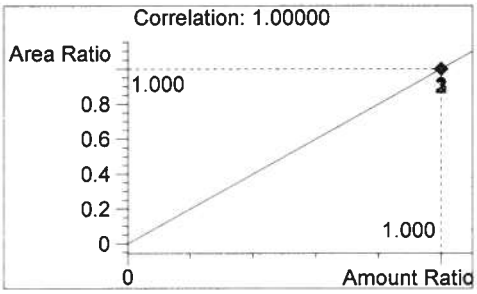
vial # 6



#	Compound	Area	RT
1	Ethanol	493	1.041
2	n-Propanol	2715	1.708
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

BB

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WASHINGTON STATE TOXICOLOGY LABORATORY

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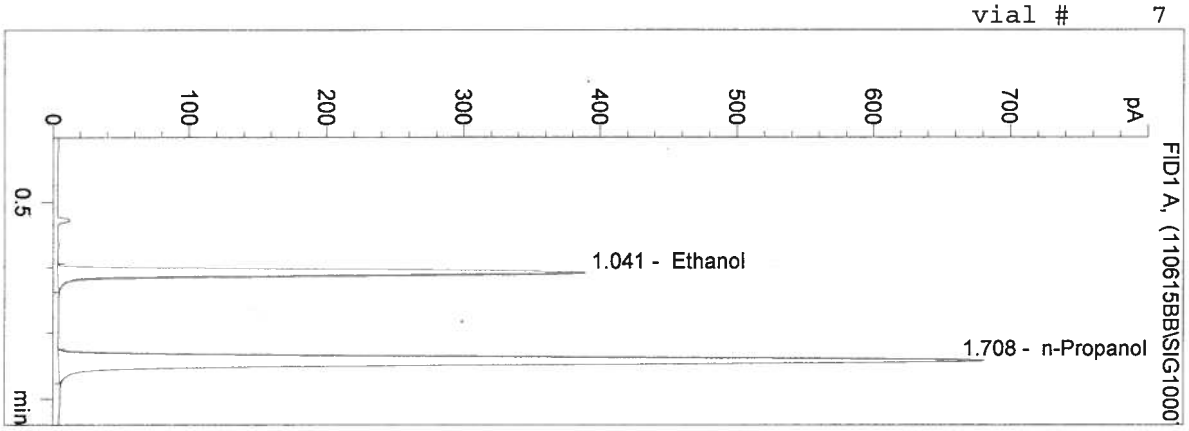
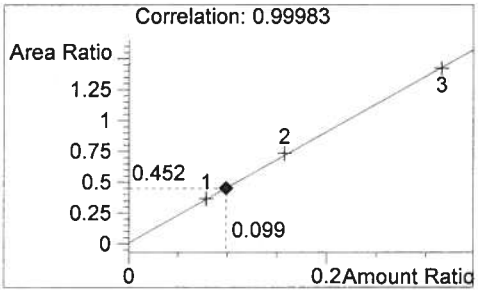
6/15/2011 2:15:07 PM
Instrument 1
DB-ALC1

0.10 CTRL BB
Brittany Ball

vial # 7

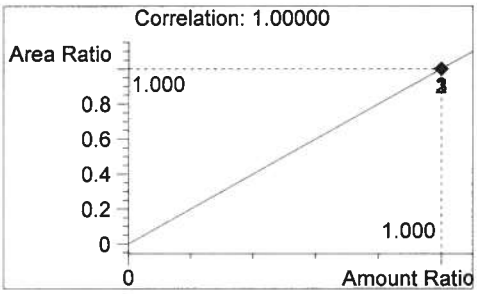


#	Compound	Area	RT
1	Ethanol	1196	1.041
2	n-Propanol	2647	1.708
Tot			



Ethanol 0.099 g/100 mL

BB



n-Propanol 1.000 g/100 mL

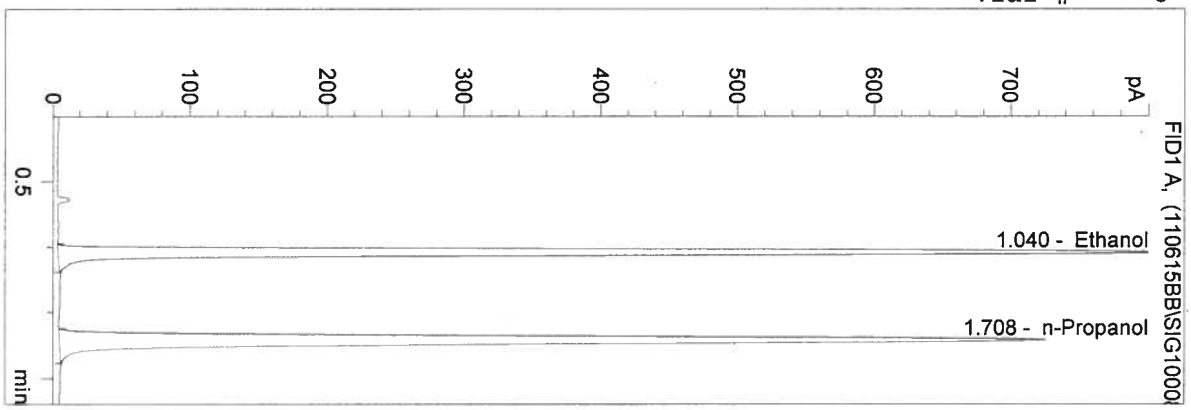
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

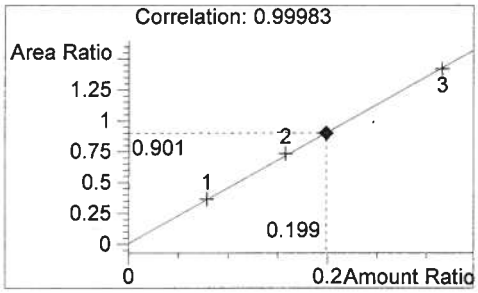
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:18:12 PM
Instrument 1
DB-ALC1

0.20 CTRL BB
Brittany Ball

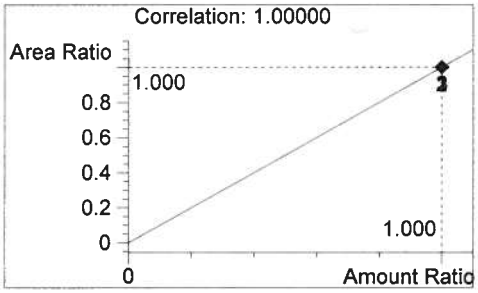
vial # 8



#	Compound	Area	RT
1	Ethanol	2538	1.040
2	n-Propanol	2818	1.708
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

BB

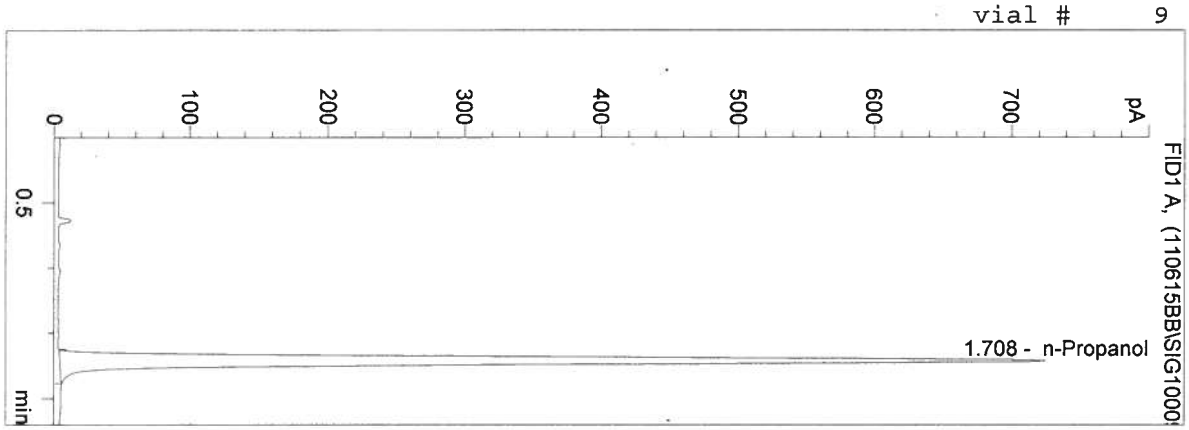
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

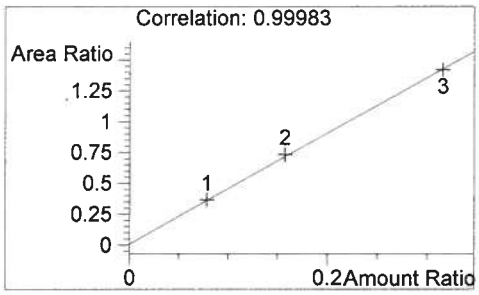
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:21:17 PM
Instrument 1
DB-ALC1

NEG CTRL BB
Brittany Ball

vial # 9

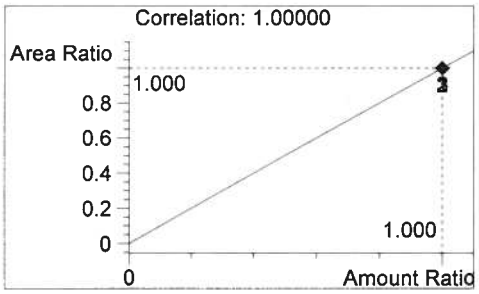


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2824	1.708
Tot			



Ethanol 0.000 g/100 mL

BB



n-Propanol 1.000 g/100 mL

11027

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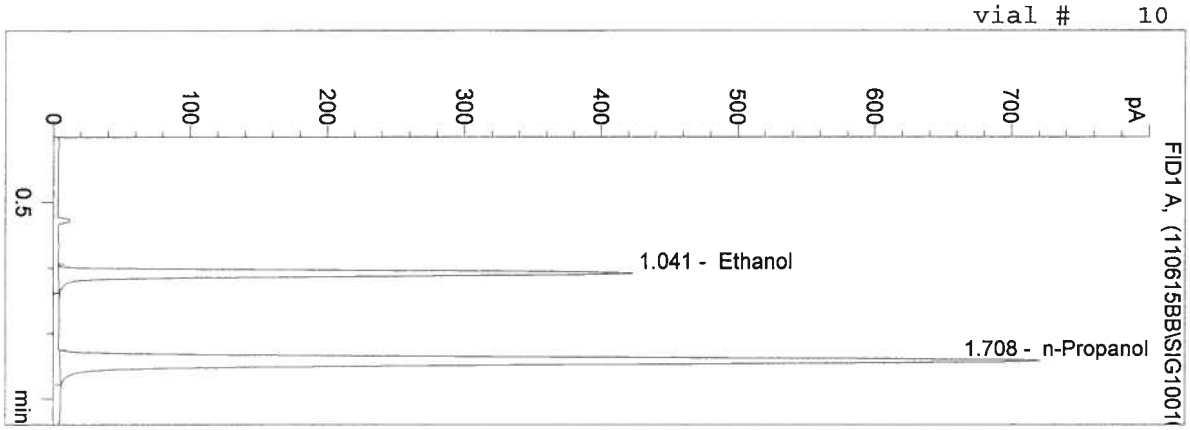
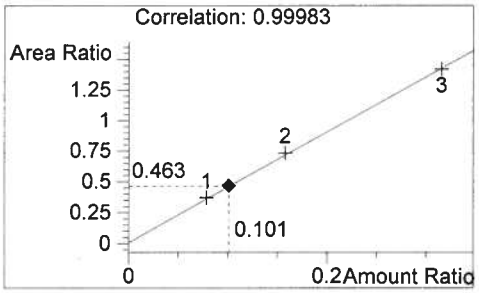
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:24:22 PM
Instrument 1
DB-ALC1

11027-1
Brittany Ball

vial # 10

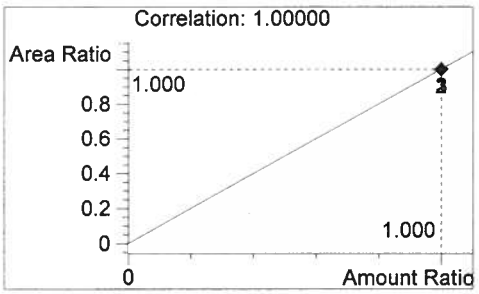


#	Compound	Area	RT
1	Ethanol	1299	1.041
2	n-Propanol	2805	1.708
Tot			



Ethanol 0.101 g/100 mL

BB



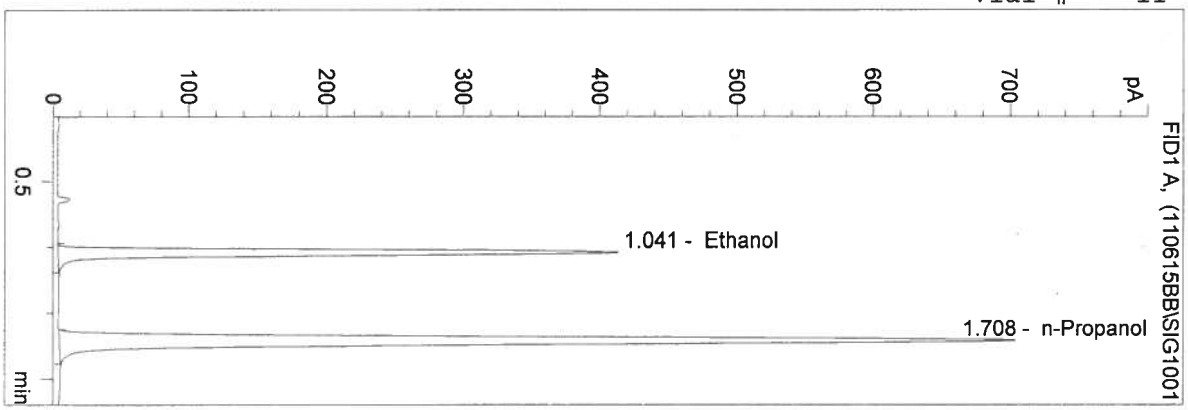
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

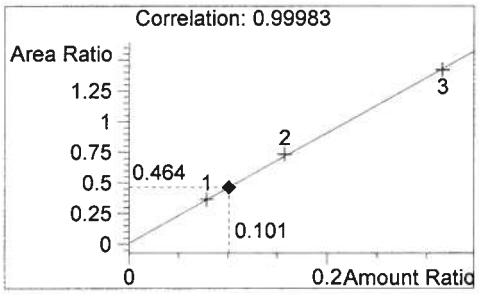
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:27:26 PM
Instrument 1
DB-ALC1

11027-2
Brittany Ball

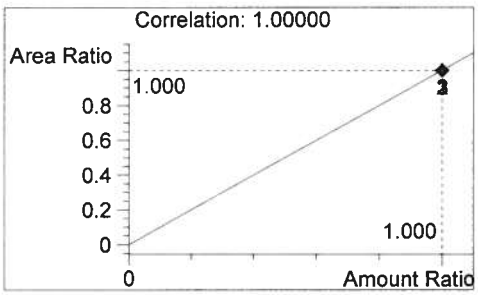
vial # 11



#	Compound	Area	RT
1	Ethanol	1273	1.041
2	n-Propanol	2744	1.708
Tot			



Ethanol 0.101 g/100 mL



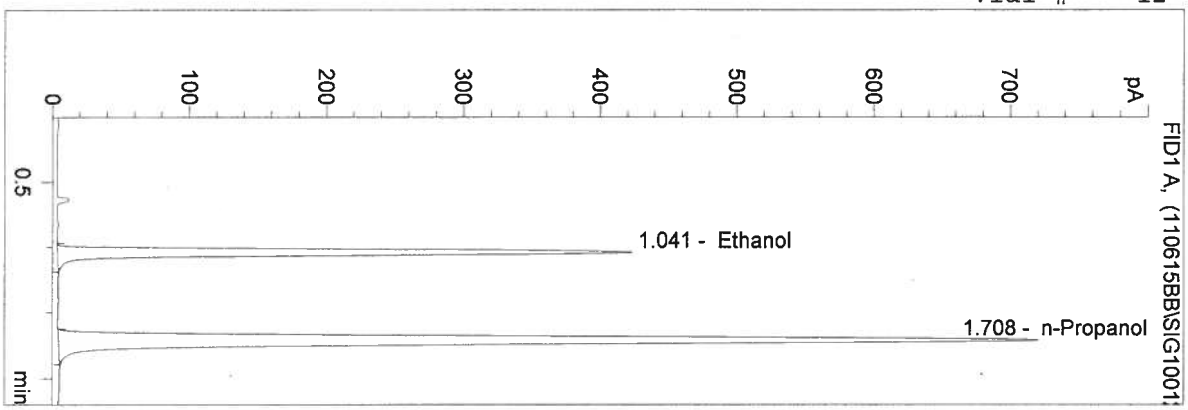
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

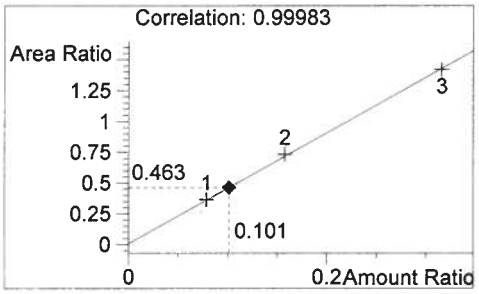
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:30:31 PM
Instrument 1
DB-ALC1

11027-3
Brittany Ball

vial # 12

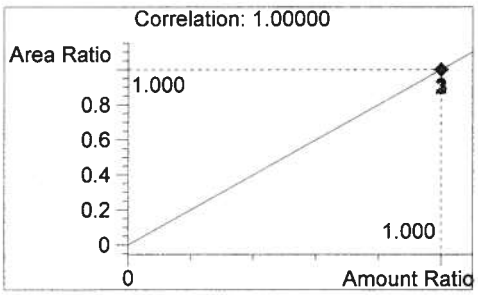


#	Compound	Area	RT
1	Ethanol	1299	1.041
2	n-Propanol	2805	1.708
Tot			



Ethanol 0.101 g/100 mL

BB



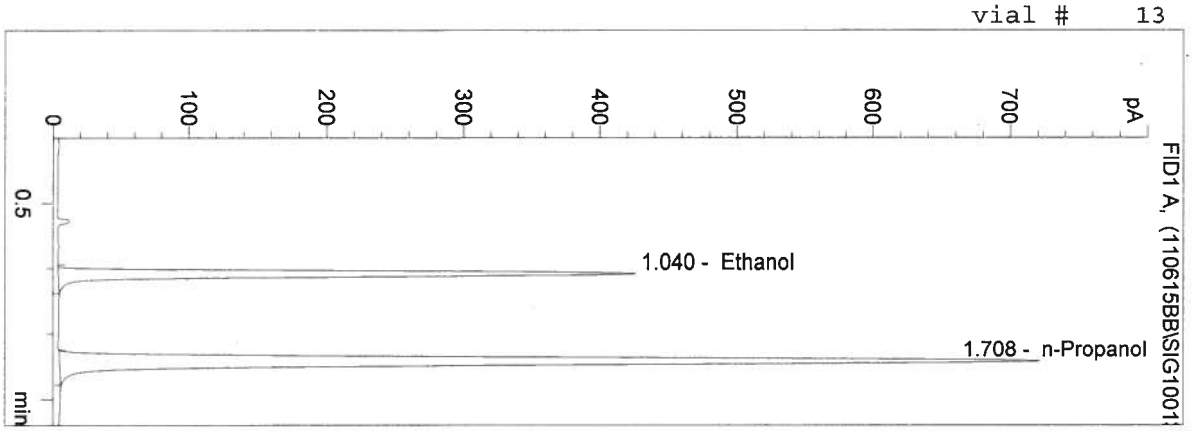
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

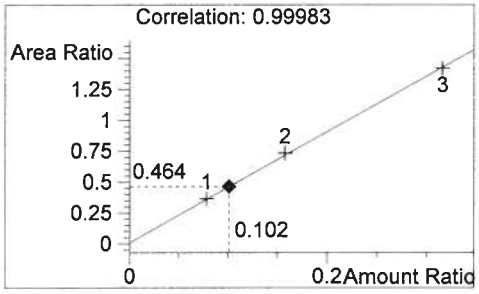
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:33:36 PM
Instrument 1
DB-ALC1

11027-4
Brittany Ball

vial # 13

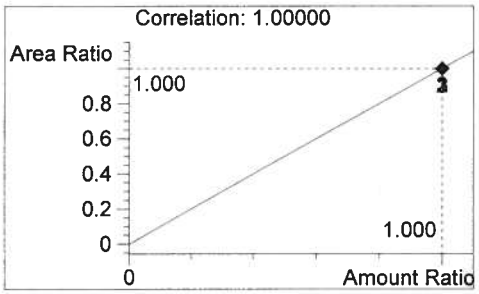


#	Compound	Area	RT
1	Ethanol	1304	1.040
2	n-Propanol	2808	1.708
Tot			



Ethanol 0.102 g/100 mL

BB

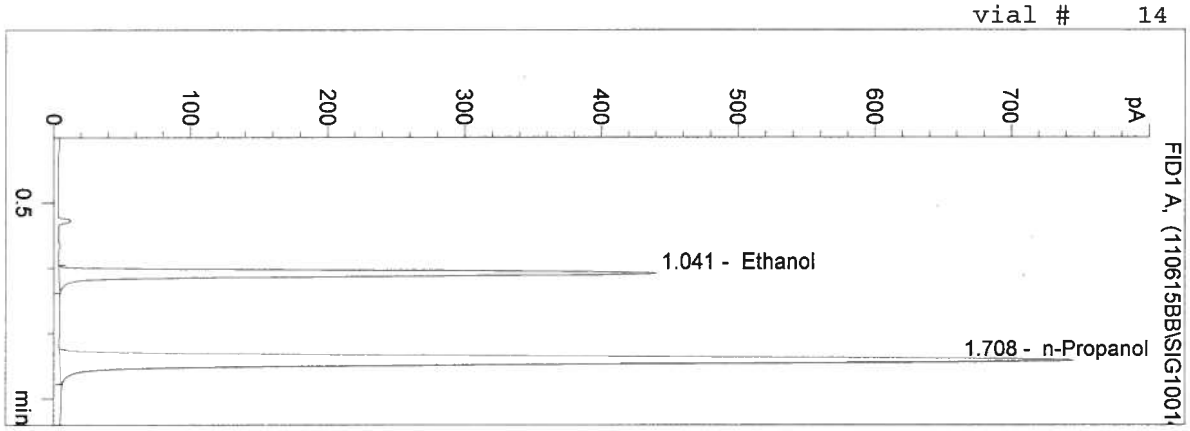


n-Propanol 1.000 g/100 mL

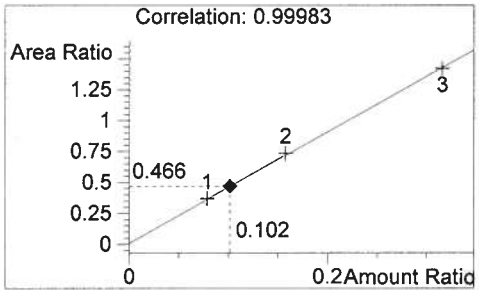
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:36:41 PM
Instrument 1
DB-ALC1

11027-5
Brittany Ball
vial # 14

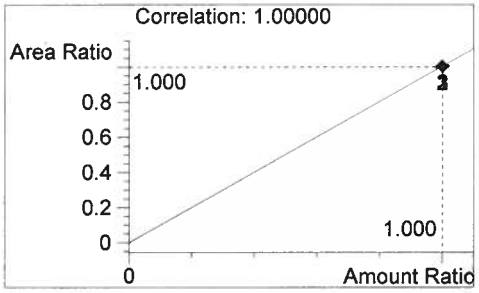


#	Compound	Area	RT
1	Ethanol	1350	1.041
2	n-Propanol	2899	1.708
Tot			



Ethanol 0.102 g/100 mL

BB



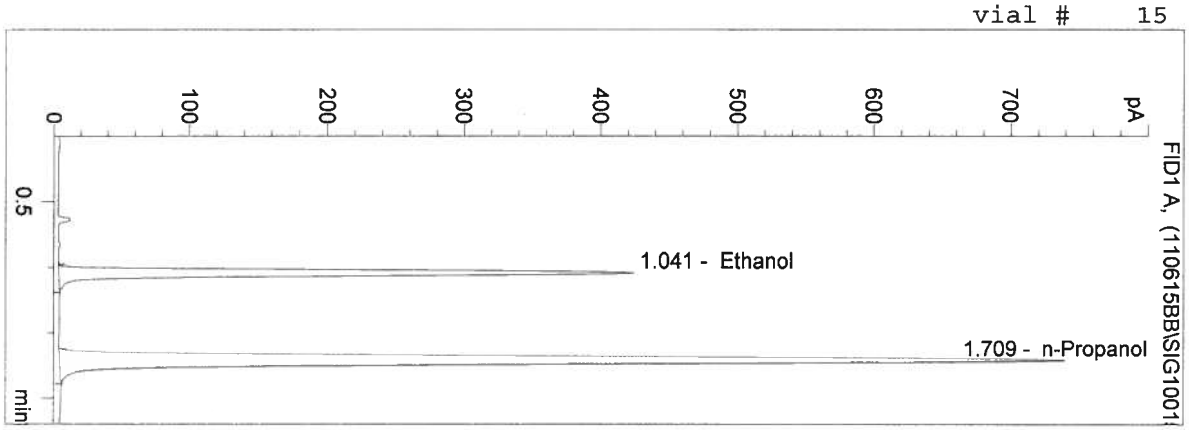
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

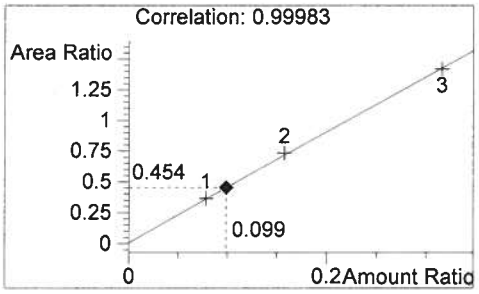
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 2:39:45 PM
Instrument 1
DB-ALC1

0.10 CTRL BB
Brittany Ball

vial # 15

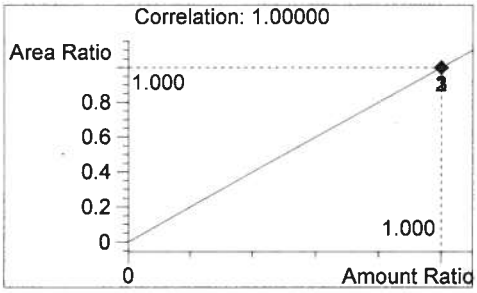


#	Compound	Area	RT
1	Ethanol	1309	1.041
2	n-Propanol	2883	1.709
Tot			



Ethanol 0.099 g/100 mL

BB



n-Propanol 1.000 g/100 mL

11027

WASHINGTON STATE TOXICOLOGY LABORATORY

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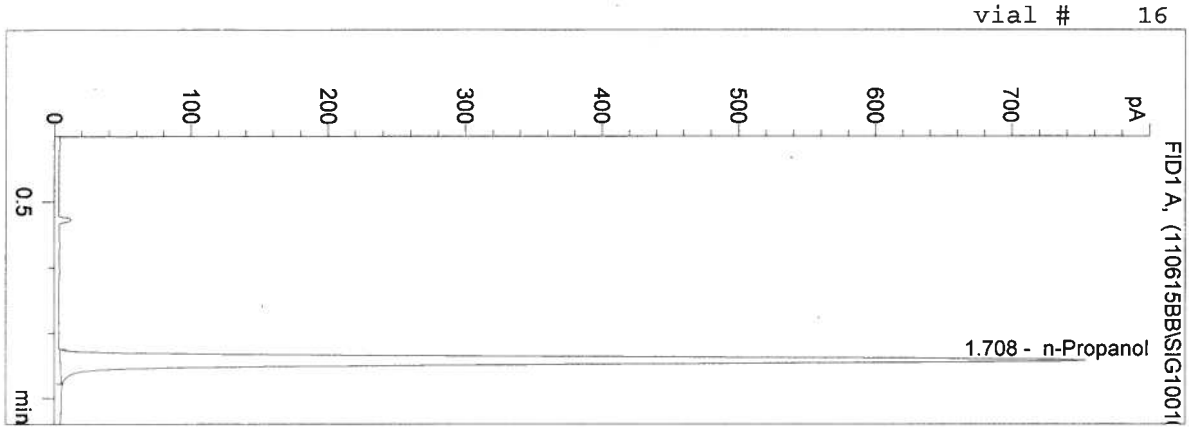
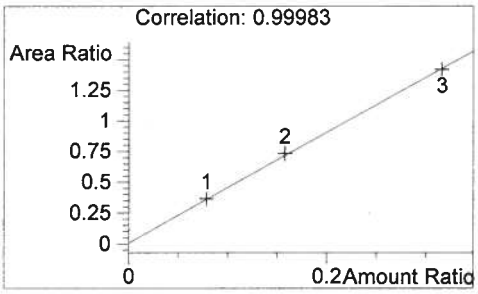
6/15/2011 2:42:50 PM
Instrument 1
DB-ALC1

NEG CTRL BB
Brittany Ball

vial # 16

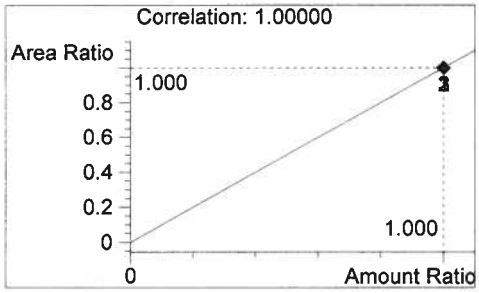


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2941	1.708
Tot			



Ethanol 0.000 g/100 mL

BB



n-Propanol 1.000 g/100 mL

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Sequence Parameters:

Operator:	Justin Knoy
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	110615JK
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 #A073849 - Exp. 07/2014

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	11027-1	SIMALC1	1	Sample		
11	Vial 11	11027-2	SIMALC1	1	Sample		
12	Vial 12	11027-3	SIMALC1	1	Sample		
13	Vial 13	11027-4	SIMALC1	1	Sample		
14	Vial 14	11027-5	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	

11027

Sequence Table (Back Injector):

No entries - empty table!

JK

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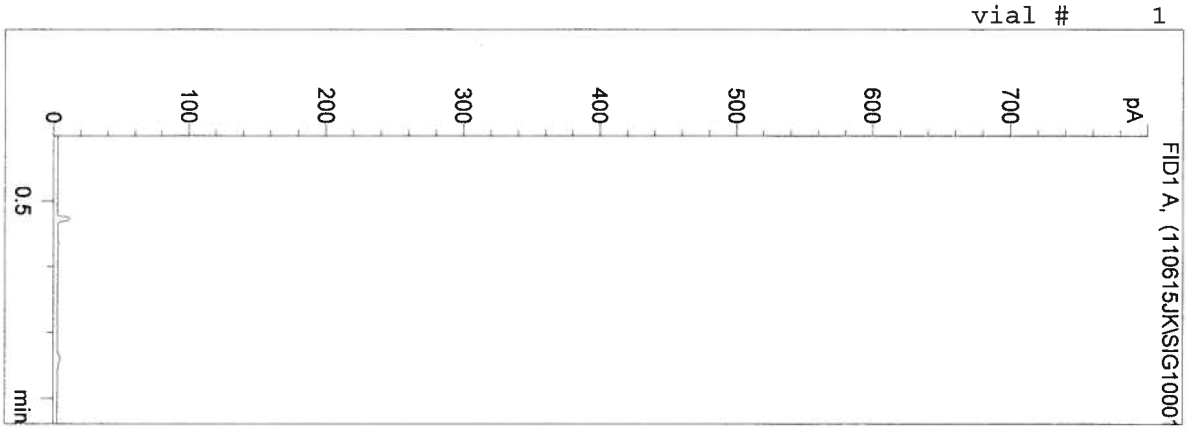
WASHINGTON STATE TOXICOLOGY LABORATORY

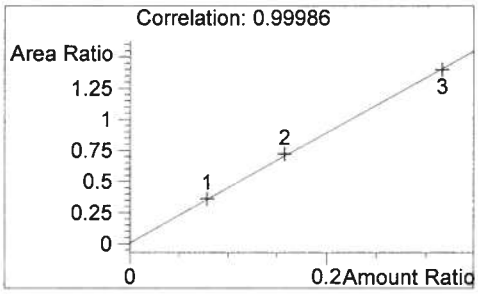
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 3:01:05 PM
Instrument 1
DB-ALC1

BLANK
Justin Knoy

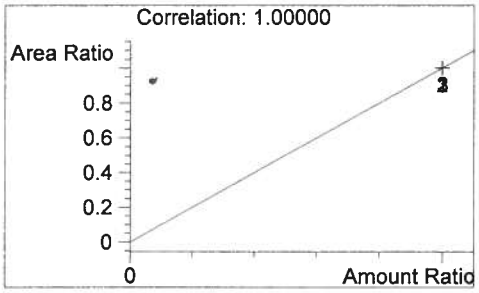
vial # 1



#	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

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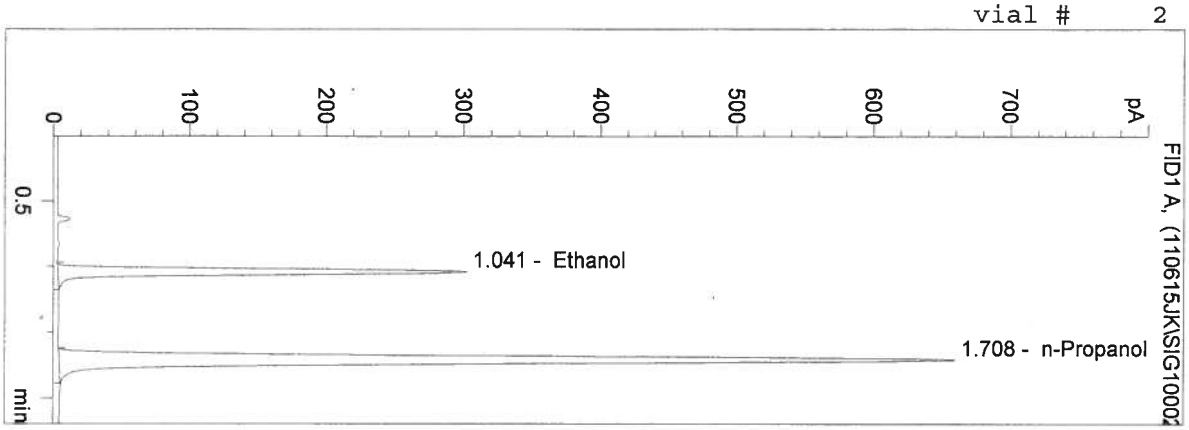
WASHINGTON STATE TOXICOLOGY LABORATORY

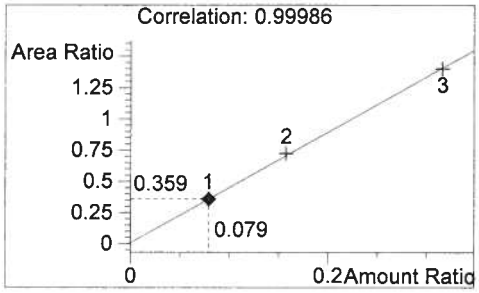
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 3:04:10 PM
Instrument 1
DB-ALC1

0.079 CAL
Justin Knoy

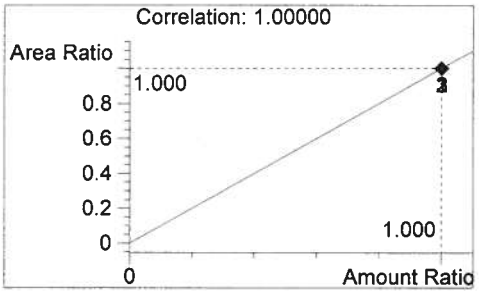
vial # 2



#	Compound	Area	RT
1	Ethanol	921	1.041
2	n-Propanol	2561	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

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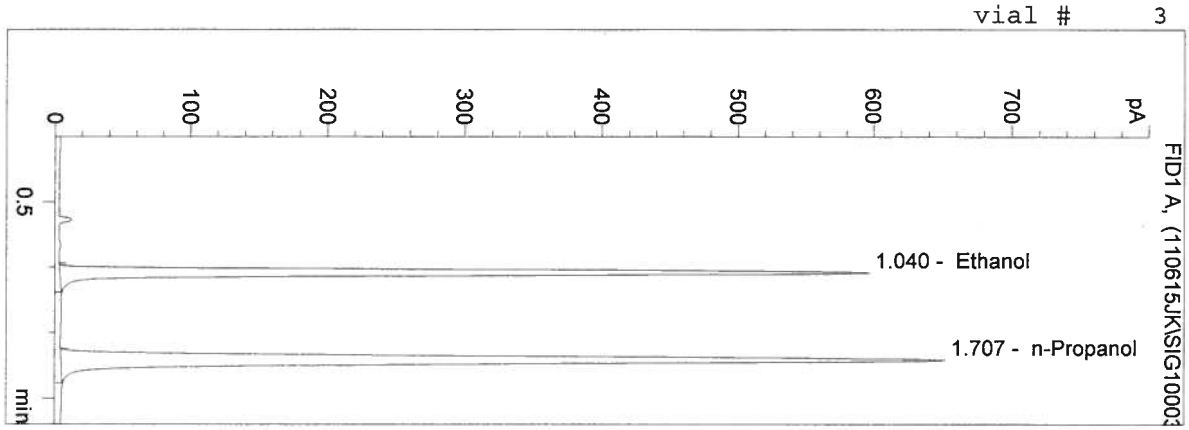
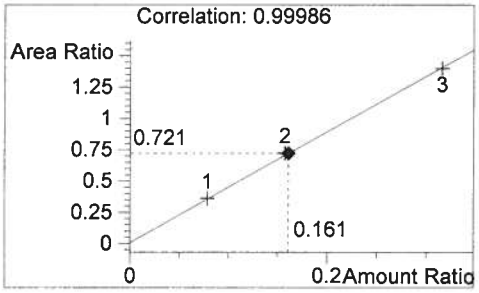
6/15/2011 3:07:15 PM
Instrument 1
DB-ALC1

0.158 CAL
Justin Knoy

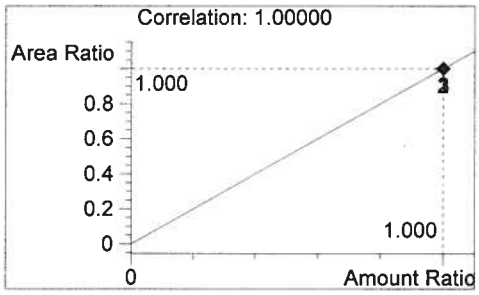
vial # 3



#	Compound	Area	RT
1	Ethanol	1821	1.040
2	n-Propanol	2527	1.707
Tot			



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

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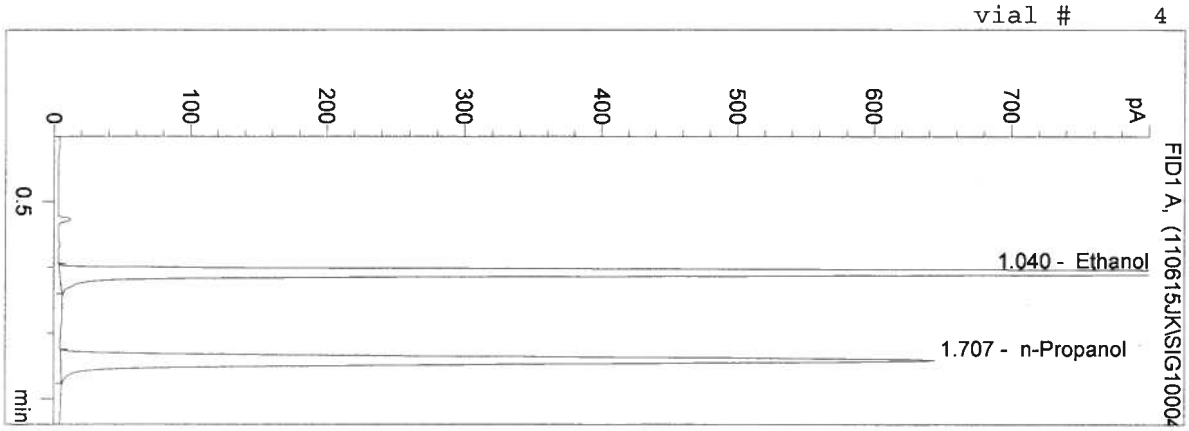
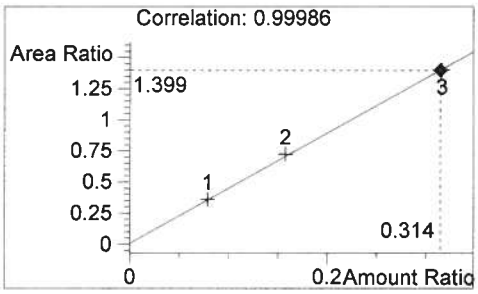
6/15/2011 3:10:19 PM
Instrument 1
DB-ALC1

0.316 CAL
Justin Knoy

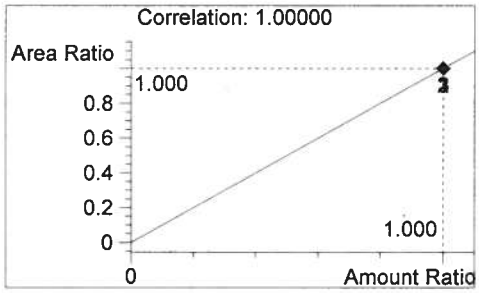
vial # 4



#	Compound	Area	RT
1	Ethanol	3482	1.040
2	n-Propanol	2489	1.707
Tot			



Ethanol 0.314 g/100 mL



n-Propanol 1.000 g/100 mL

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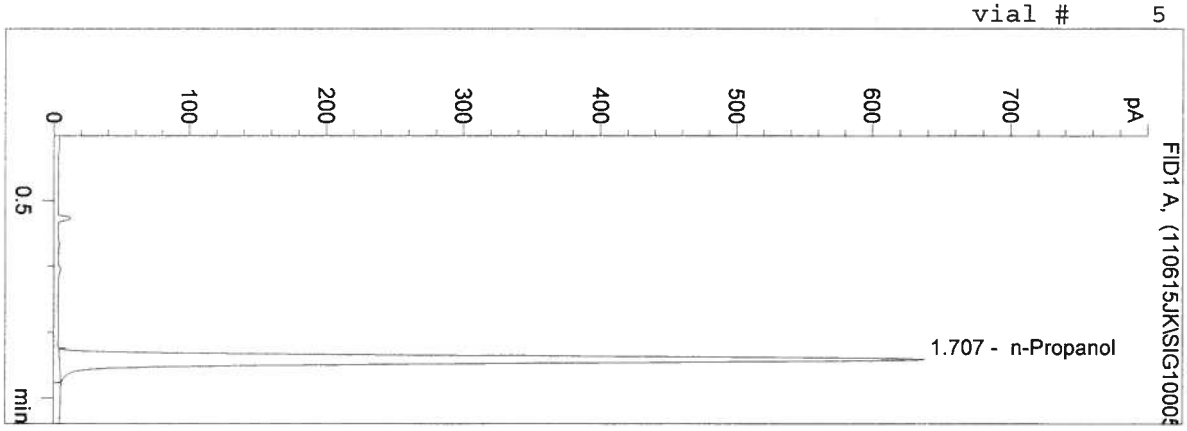
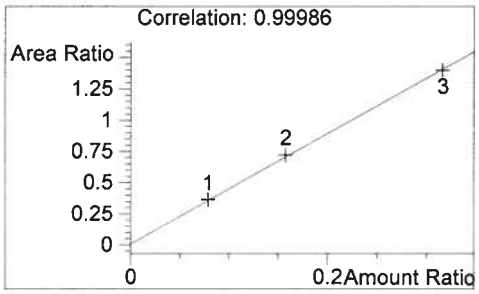
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

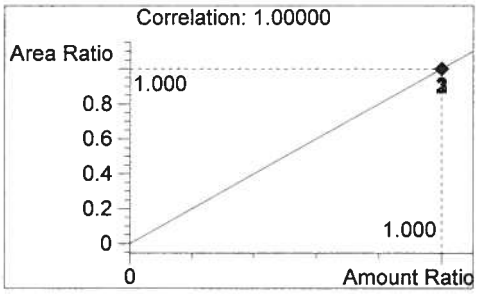
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2472	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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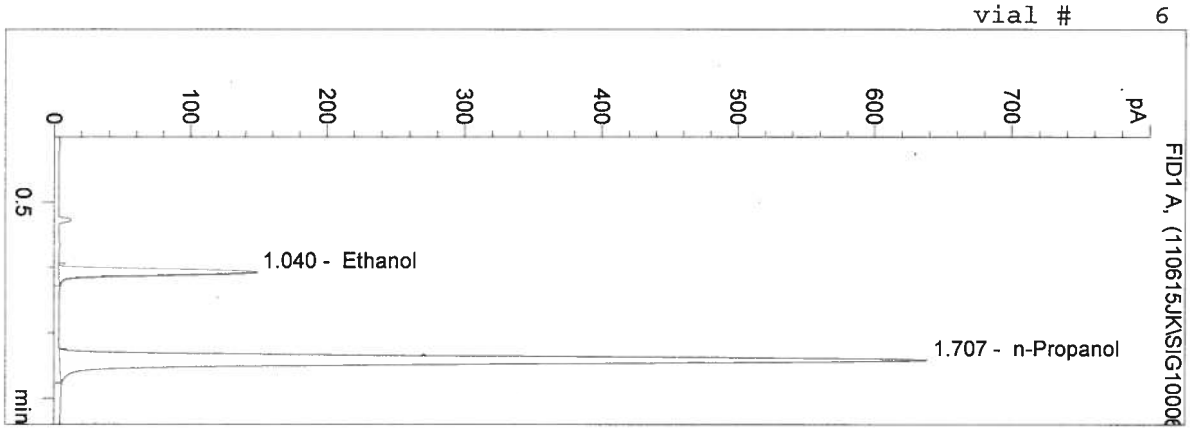
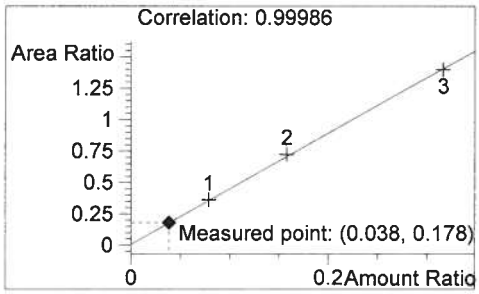
6/15/2011 3:16:29 PM
Instrument 1
DB-ALC1

0.04 CTRL JK
Justin Knoy

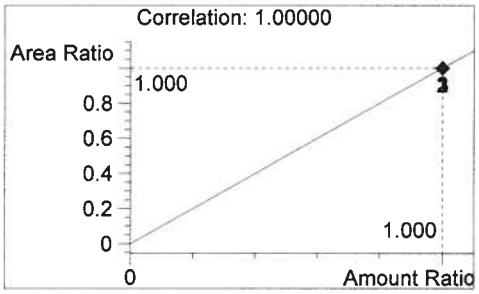
vial # 6



#	Compound	Area	RT
1	Ethanol	441	1.040
2	n-Propanol	2474	1.707
Tot			



Ethanol 0.038 g/100 mL



n-Propanol 1.000 g/100 mL

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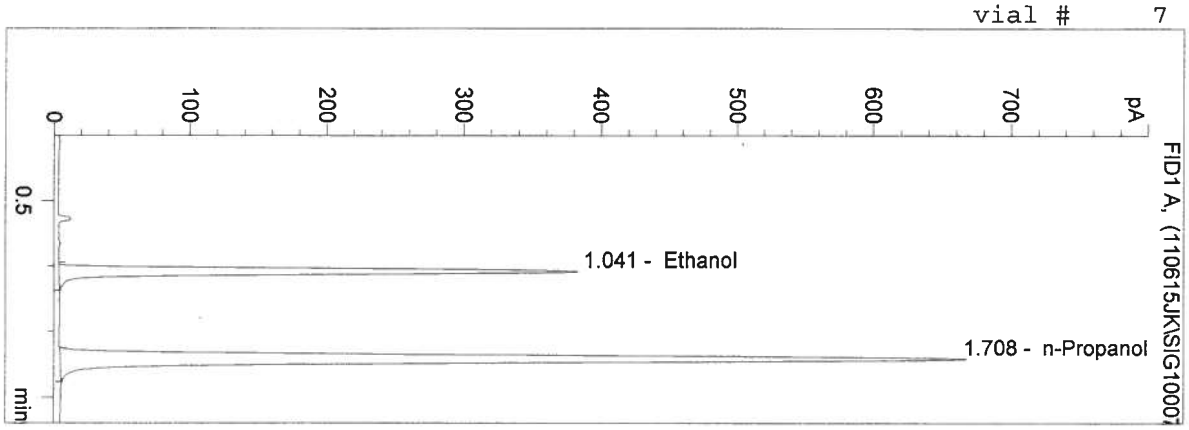
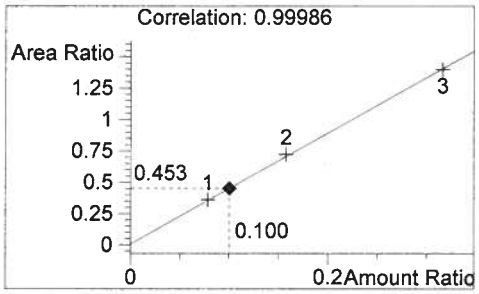
6/15/2011 3:19:34 PM
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

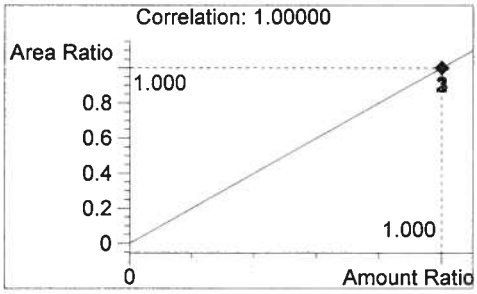
vial # 7



#	Compound	Area	RT
1	Ethanol	1175	1.041
2	n-Propanol	2595	1.708
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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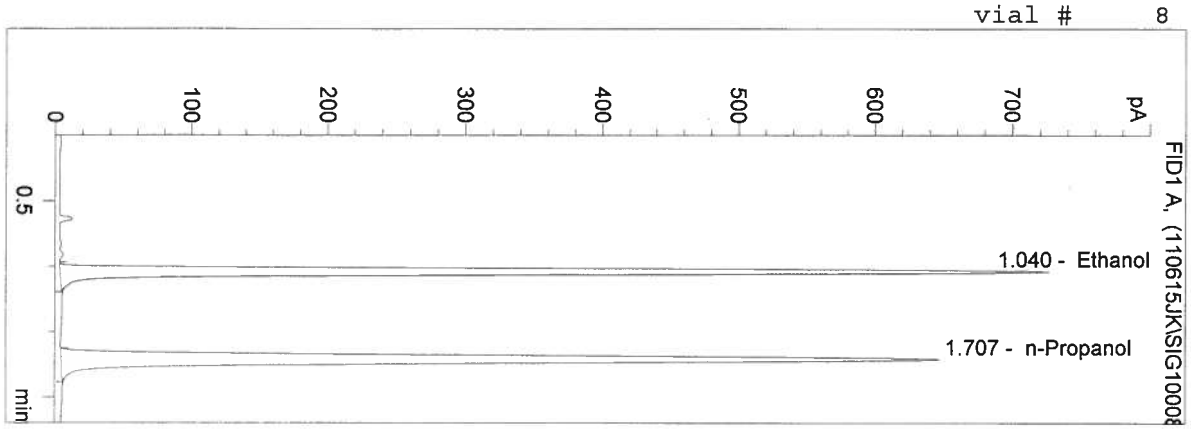
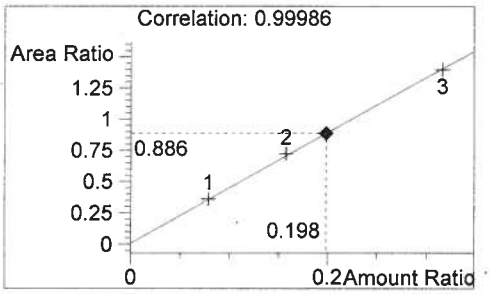
Instrument 1
DB-ALC1

0.20 CTRL JK
Justin Knoy

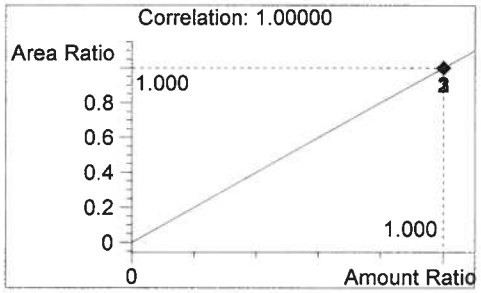
vial # 8



#	Compound	Area	RT
1	Ethanol	2218	1.040
2	n-Propanol	2505	1.707
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

11027

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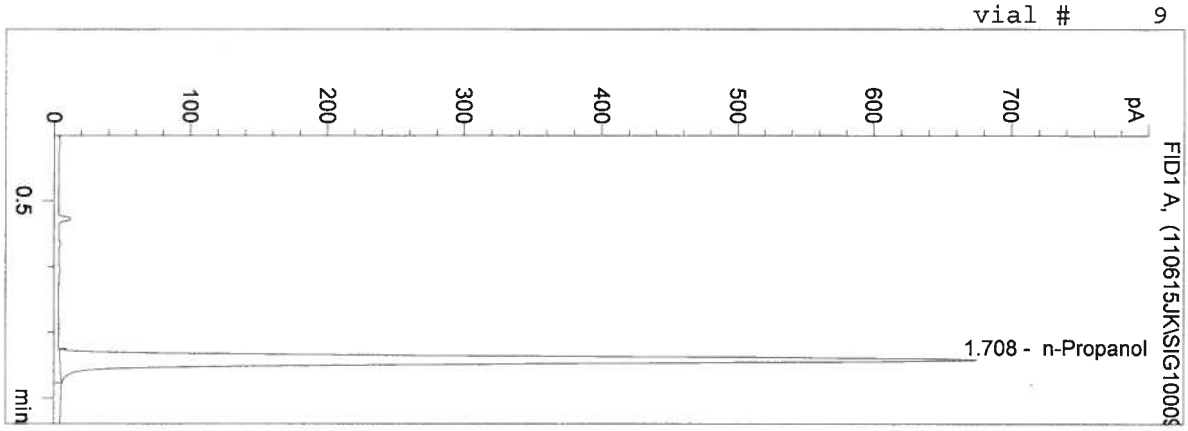
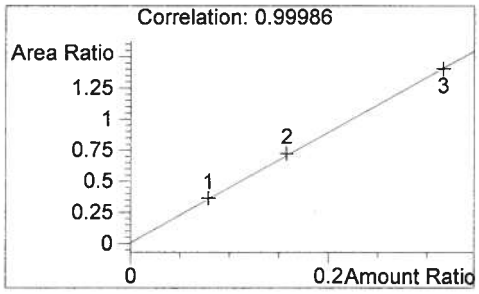
6/15/2011 3:25:43 PM
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

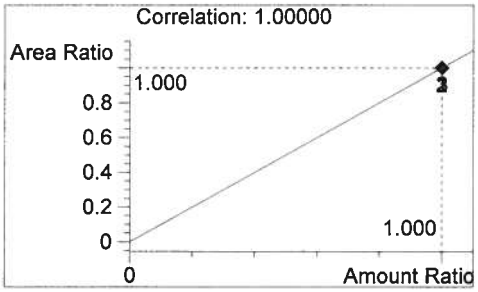
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2620	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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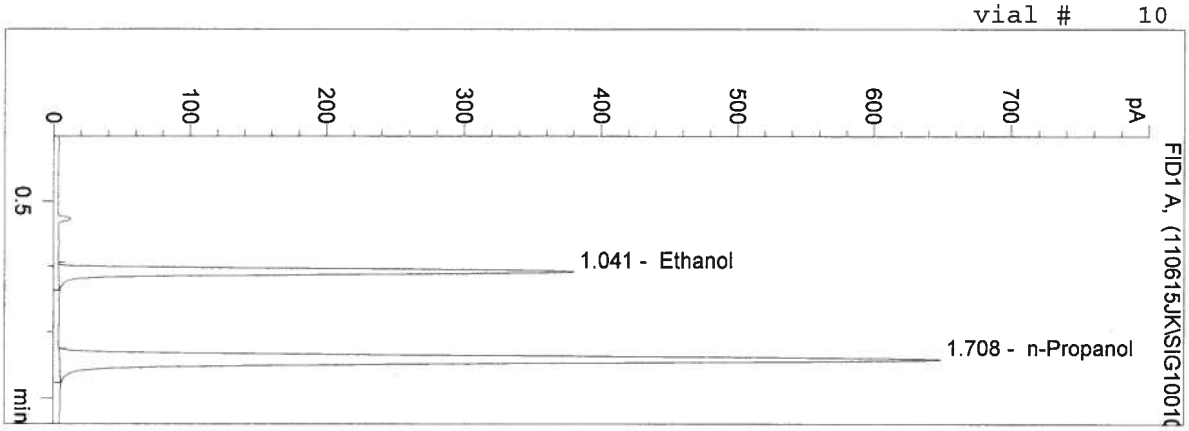
WASHINGTON STATE TOXICOLOGY LABORATORY

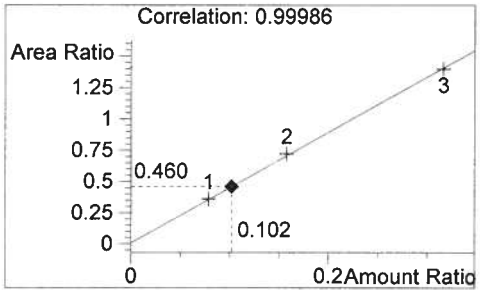
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 3:28:48 PM
Instrument 1
DB-ALC1

11027-1
Justin Knoy

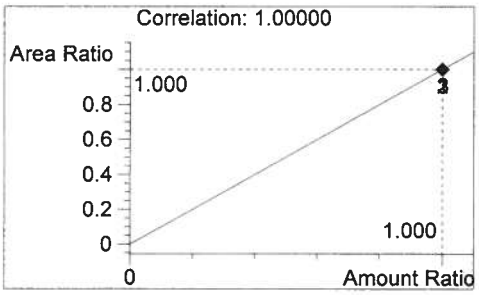
vial # 10



#	Compound	Area	RT
1	Ethanol	1157	1.041
2	n-Propanol	2517	1.708
Tot			



Ethanol 0.102 g/100 mL



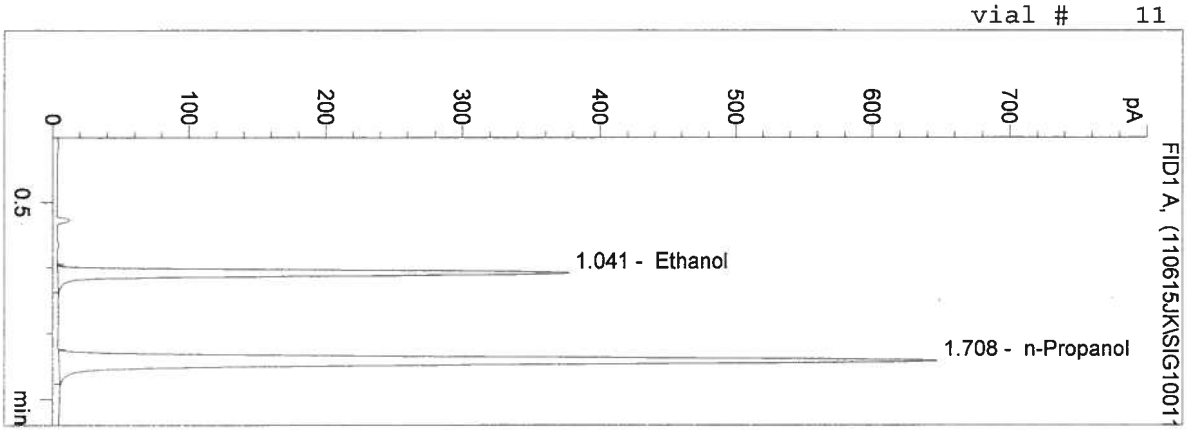
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

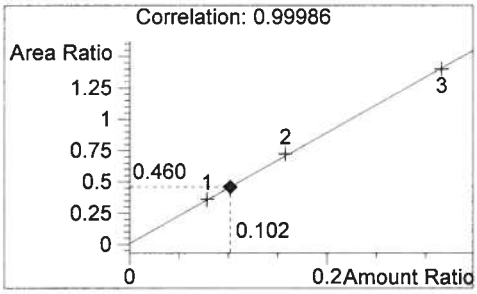
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 3:31:53 PM
Instrument 1
DB-ALC1

11027-2
Justin Knoy

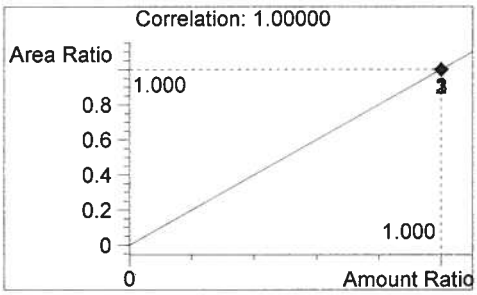
vial # 11



#	Compound	Area	RT
1	Ethanol	1155	1.041
2	n-Propanol	2511	1.708
Tot			



Ethanol 0.102 g/100 mL



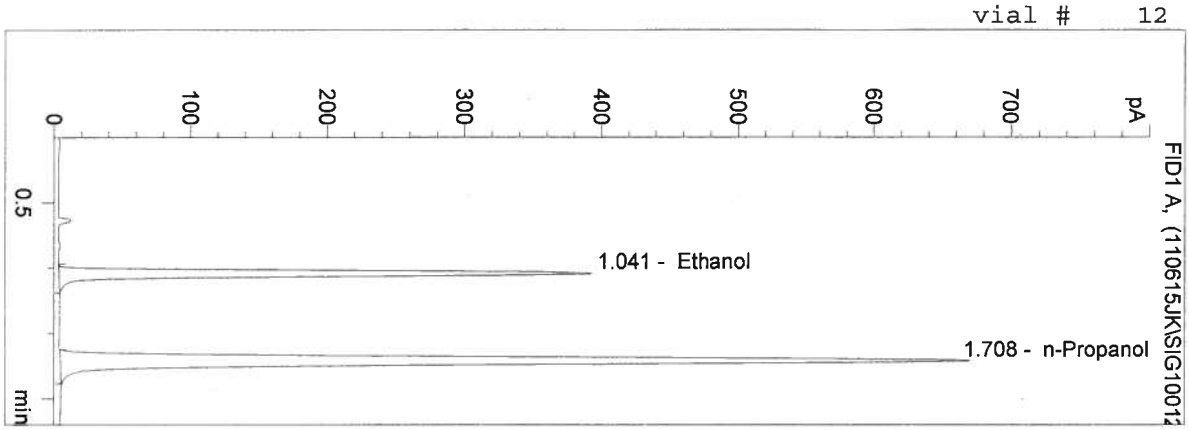
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

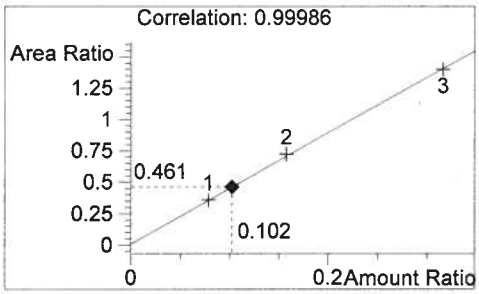
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 3:34:58 PM
Instrument 1
DB-ALC1

11027-3
Justin Knoy

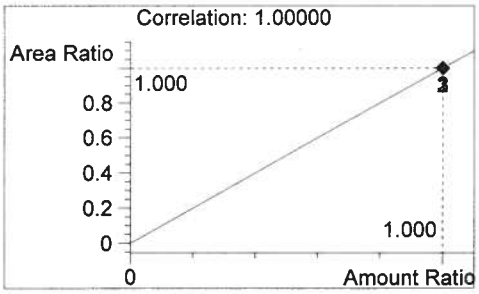
vial # 12



#	Compound	Area	RT
1	Ethanol	1203	1.041
2	n-Propanol	2606	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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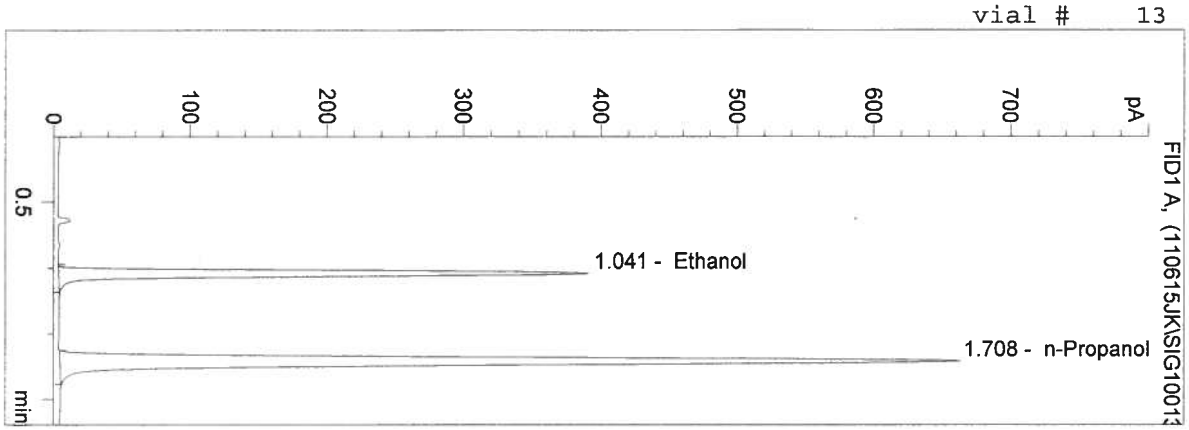
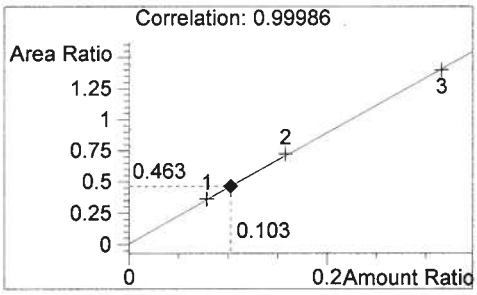
Instrument 1
DB-ALC1

11027-4
Justin Knoy

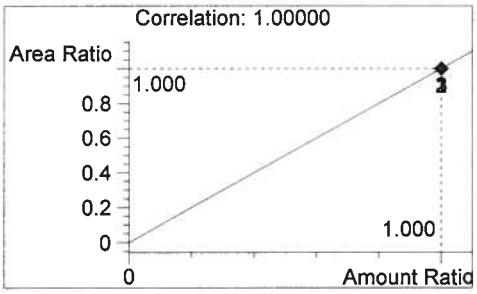
vial # 13



#	Compound	Area	RT
1	Ethanol	1192	1.041
2	n-Propanol	2577	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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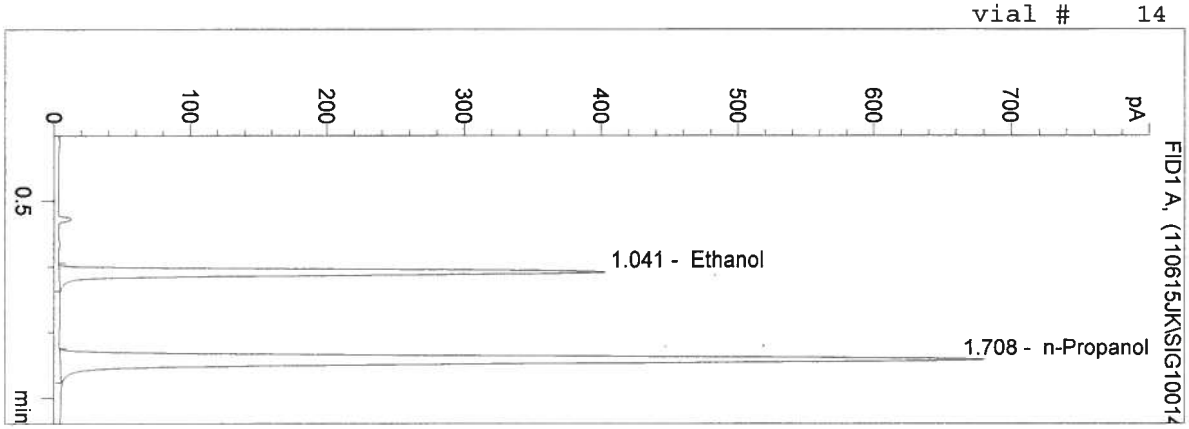
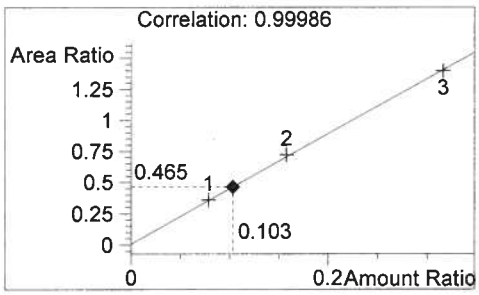
6/15/2011 3:41:07 PM
Instrument 1
DB-ALC1

11027-5
Justin Knoy

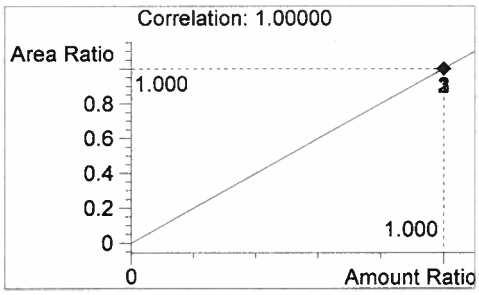
vial # 14



#	Compound	Area	RT
1	Ethanol	1229	1.041
2	n-Propanol	2644	1.708
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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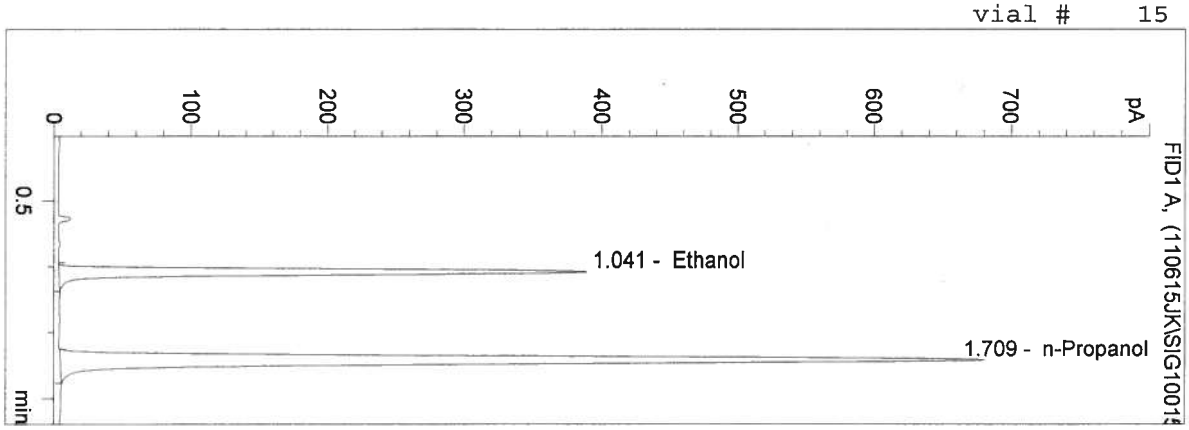
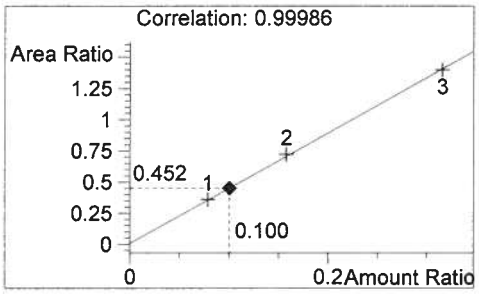
Instrument 1
DB-ALC1

0.10 CTRL JK
Justin Knoy

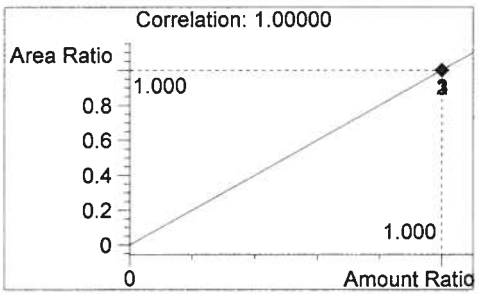
vial # 15



#	Compound	Area	RT
1	Ethanol	1199	1.041
2	n-Propanol	2653	1.709
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

11027

WASHINGTON STATE TOXICOLOGY LABORATORY

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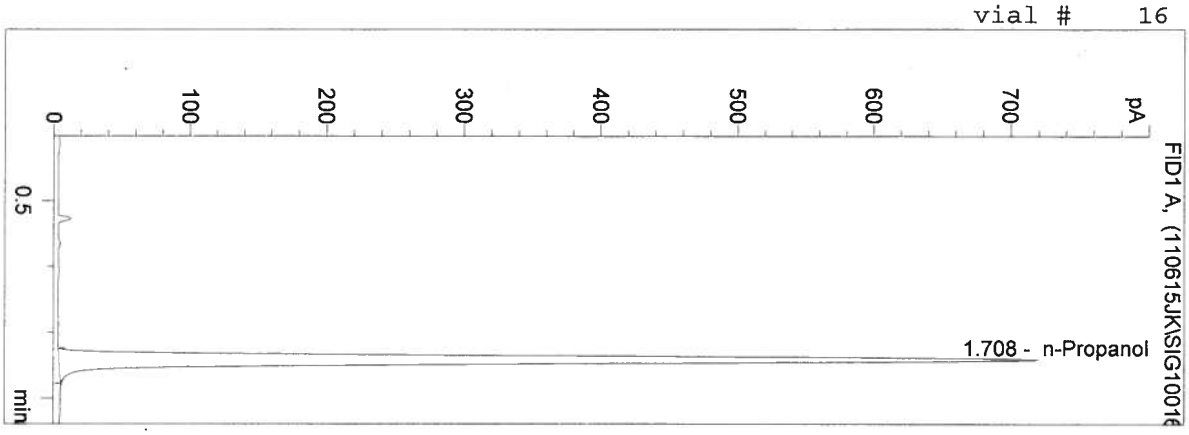
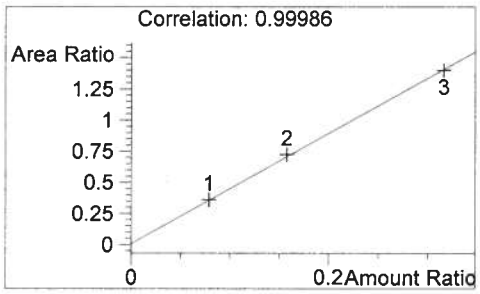
Instrument 1
DB-ALC1

NEG CTRL JK
Justin Knoy

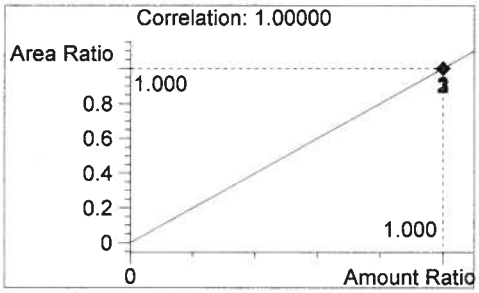
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2801	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11027

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:	110615BP
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#A073849 exp 07/2014

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	11027 #1	SIMALC1	1	Sample		
11	Vial 11	11027 #2	SIMALC1	1	Sample		
12	Vial 12	11027 #3	SIMALC1	1	Sample		
13	Vial 13	11027 #4	SIMALC1	1	Sample		
14	Vial 14	11027 #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	

11027

BP

Sequence Table (Back Injector):

No entries - empty table!

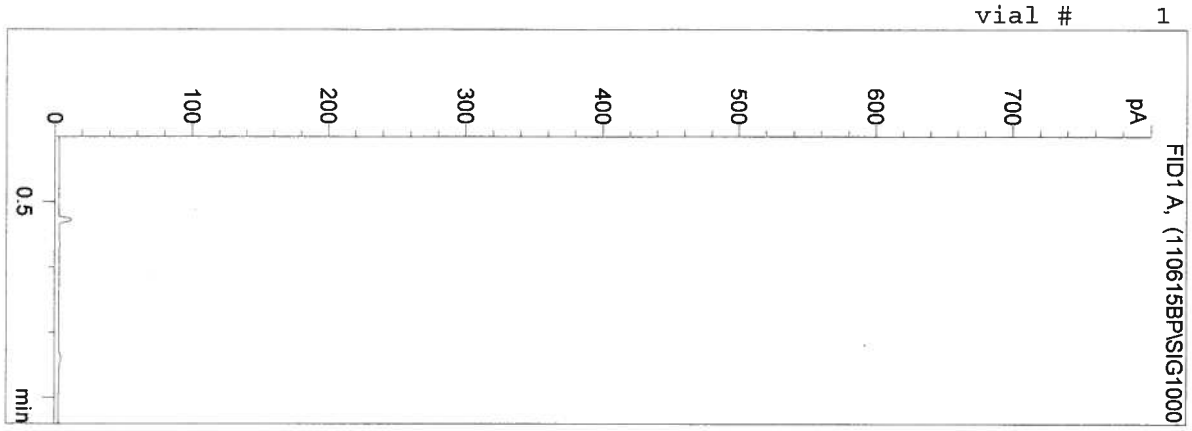
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

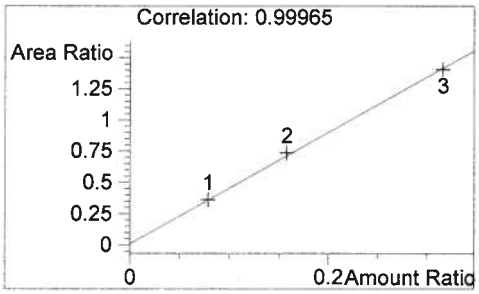
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 4:25:51 PM
Instrument 1
DB-ALC1

blank
Brianna Peterson

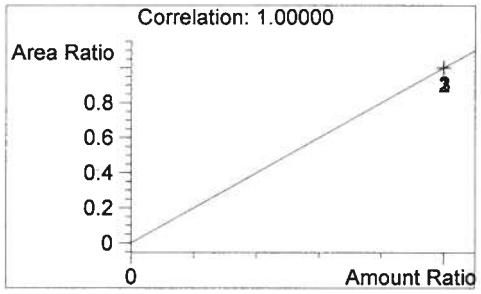
vial # 1



#	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

BC

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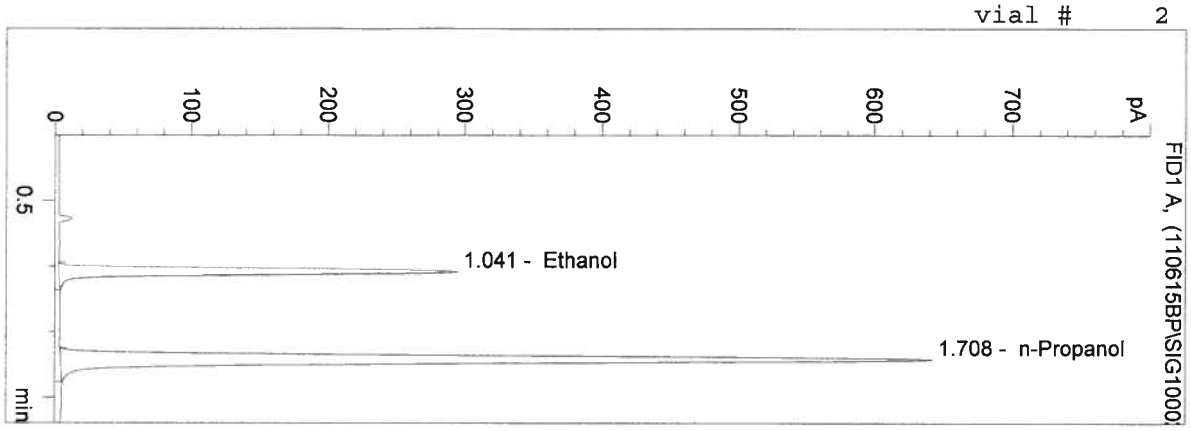
WASHINGTON STATE TOXICOLOGY LABORATORY

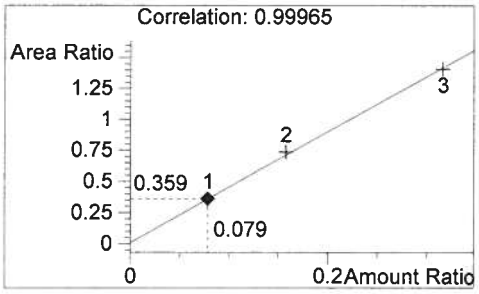
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 4:28:55 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Brianna Peterson

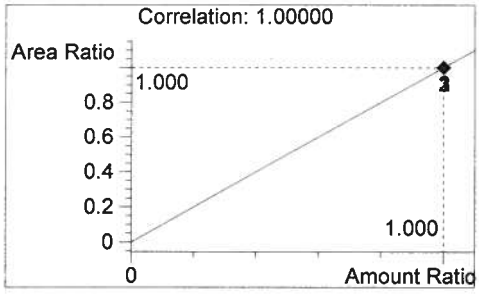
vial # 2



#	Compound	Area	RT
1	Ethanol	895	1.041
2	n-Propanol	2490	1.708
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11027

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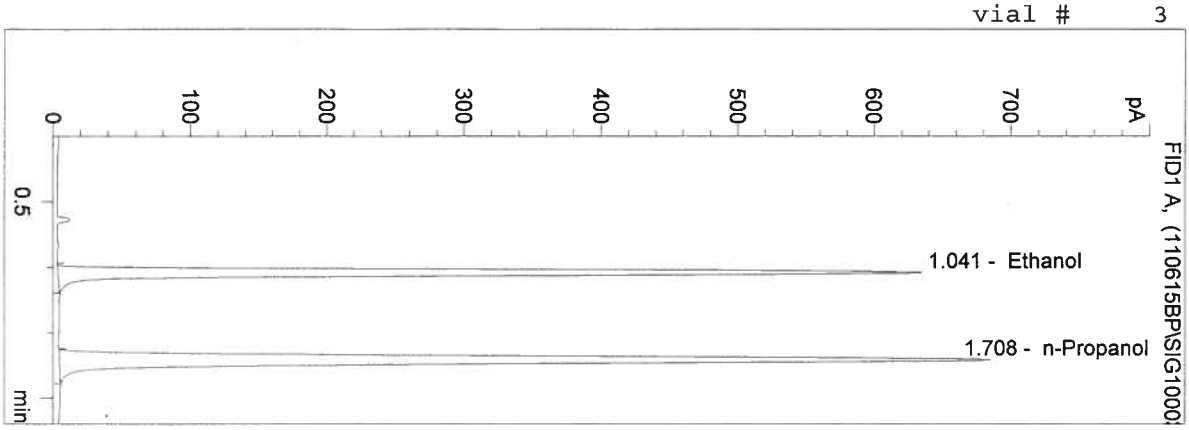
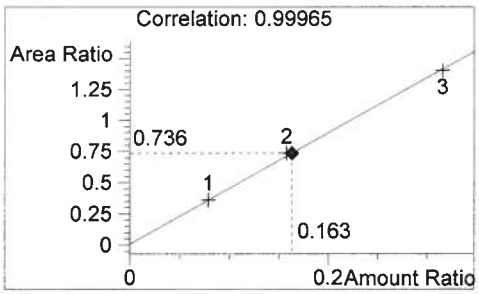
6/15/2011 4:32:00 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Brianna Peterson

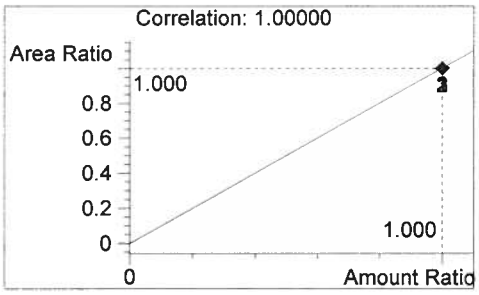
vial # 3



#	Compound	Area	RT
1	Ethanol	1961	1.041
2	n-Propanol	2665	1.708
Tot			



Ethanol 0.163 g/100 mL



n-Propanol 1.000 g/100 mL

11027

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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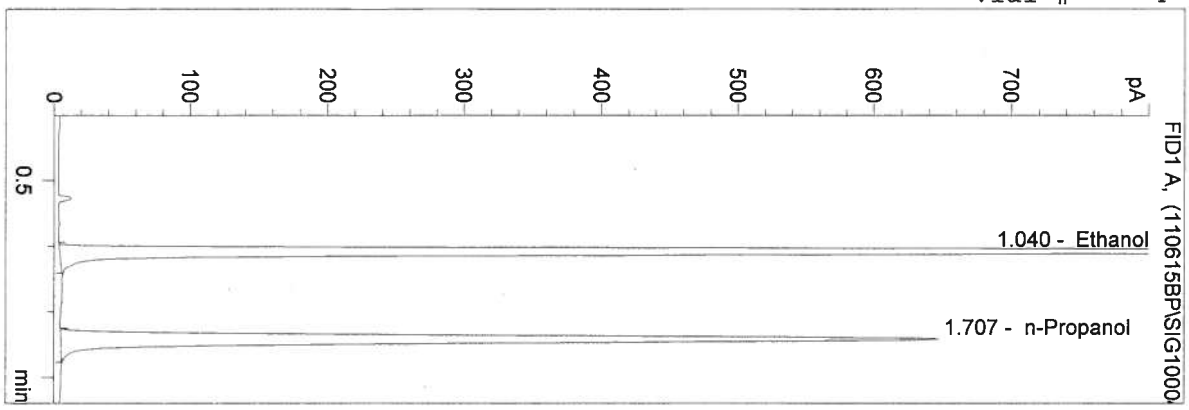
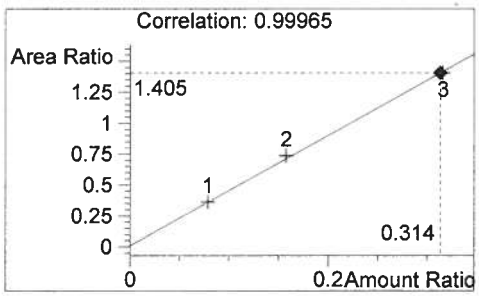
6/15/2011 4:35:05 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Brianna Peterson

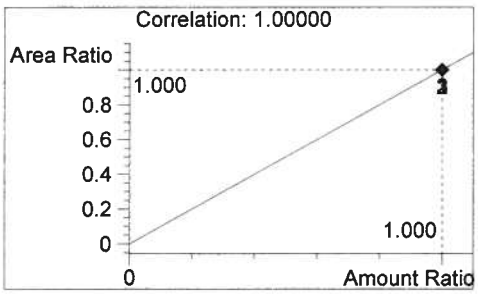
vial # 4



#	Compound	Area	RT
1	Ethanol	3516	1.040
2	n-Propanol	2503	1.707
Tot			



Ethanol 0.314 g/100 mL



n-Propanol 1.000 g/100 mL

BP

11027

WASHINGTON STATE TOXICOLOGY LABORATORY

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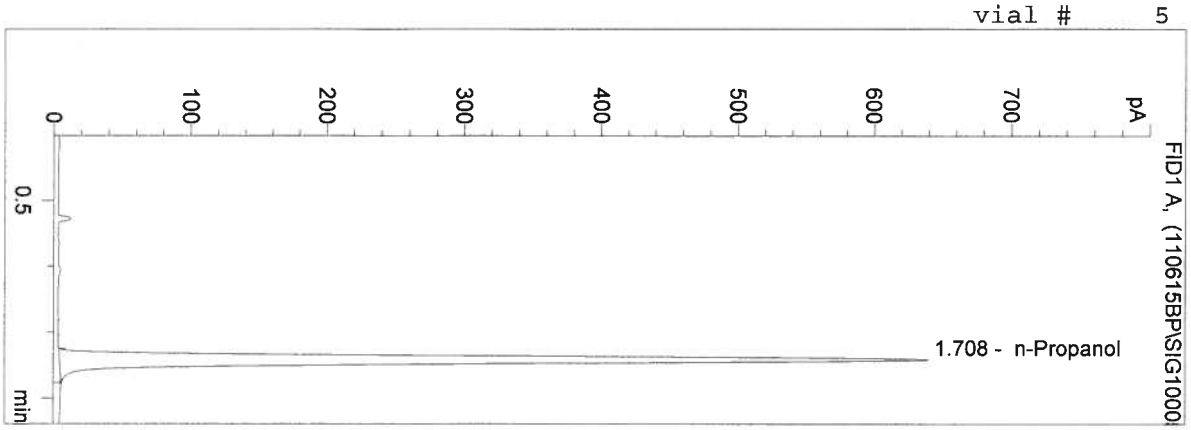
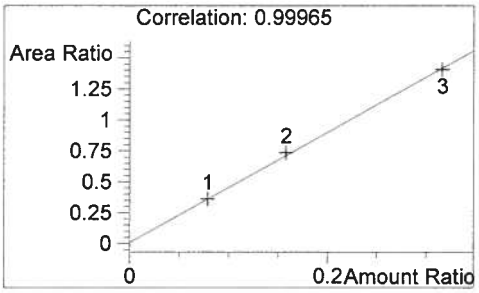
6/15/2011 4:38:09 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

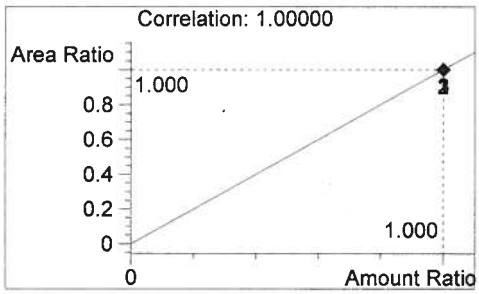
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2481	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

BP

11027

WASHINGTON STATE TOXICOLOGY LABORATORY

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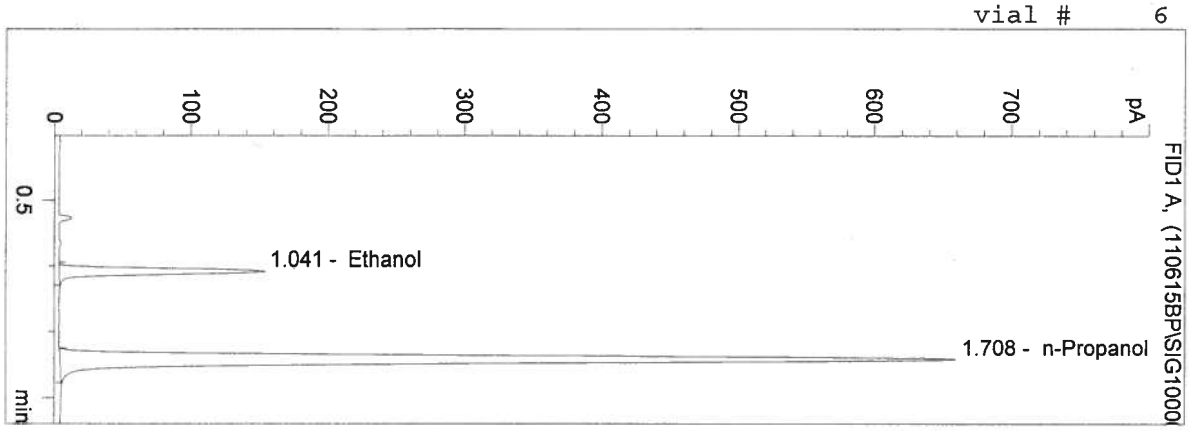
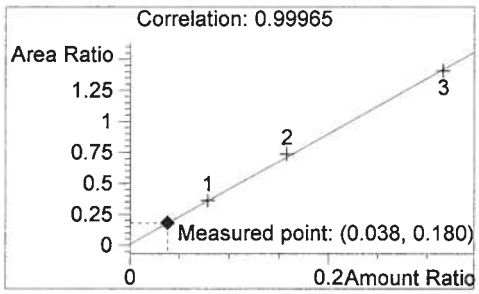
Instrument 1
DB-ALC1

0.04 CTRL - BP
Brianna Peterson

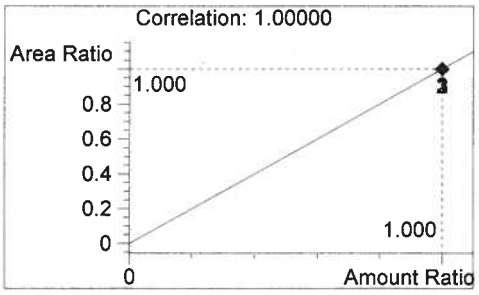
vial # 6



#	Compound	Area	RT
1	Ethanol	462	1.041
2	n-Propanol	2566	1.708
Tot			



Ethanol 0.038 g/100 mL



n-Propanol 1.000 g/100 mL

11027 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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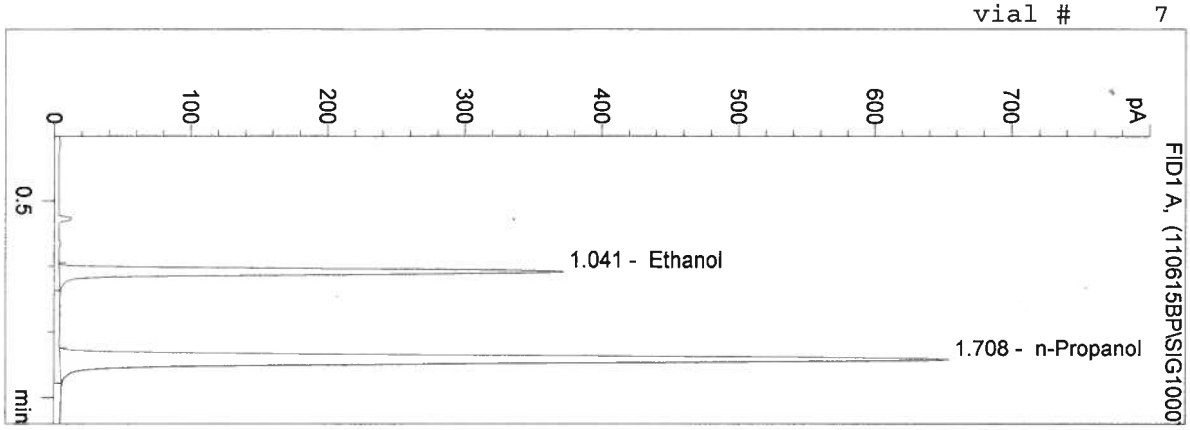
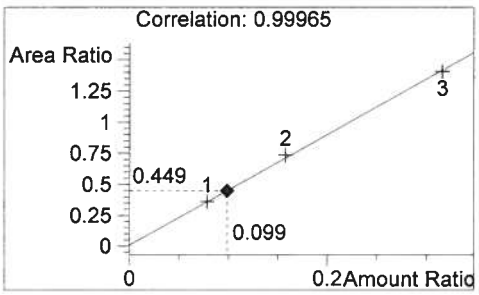
6/15/2011 4:44:19 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

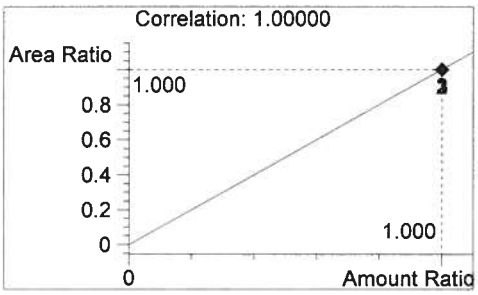
vial # 7



#	Compound	Area	RT
1	Ethanol	1141	1.041
2	n-Propanol	2541	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

BP

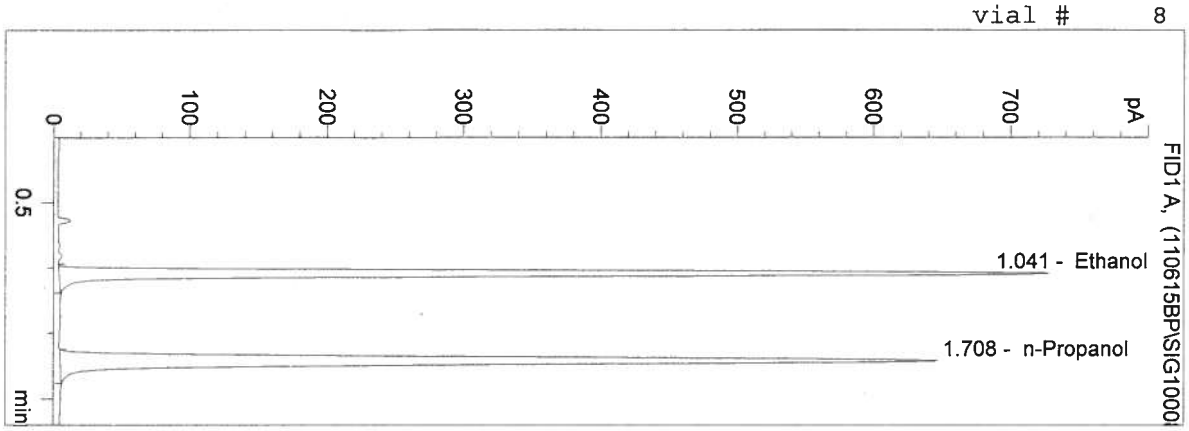
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

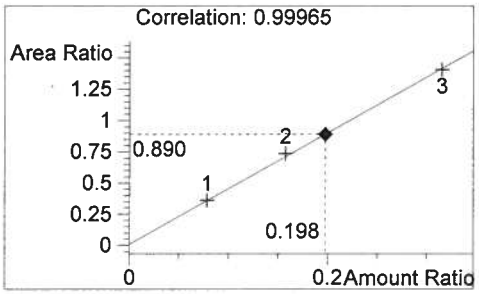
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 4:47:24 PM
Instrument 1
DB-ALC1

0.20 CTRL - BP
Brianna Peterson

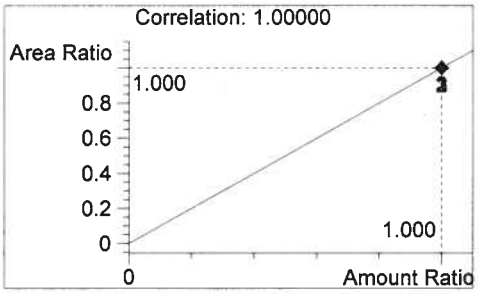
vial # 8



#	Compound	Area	RT
1	Ethanol	2229	1.041
2	n-Propanol	2505	1.708
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

BP

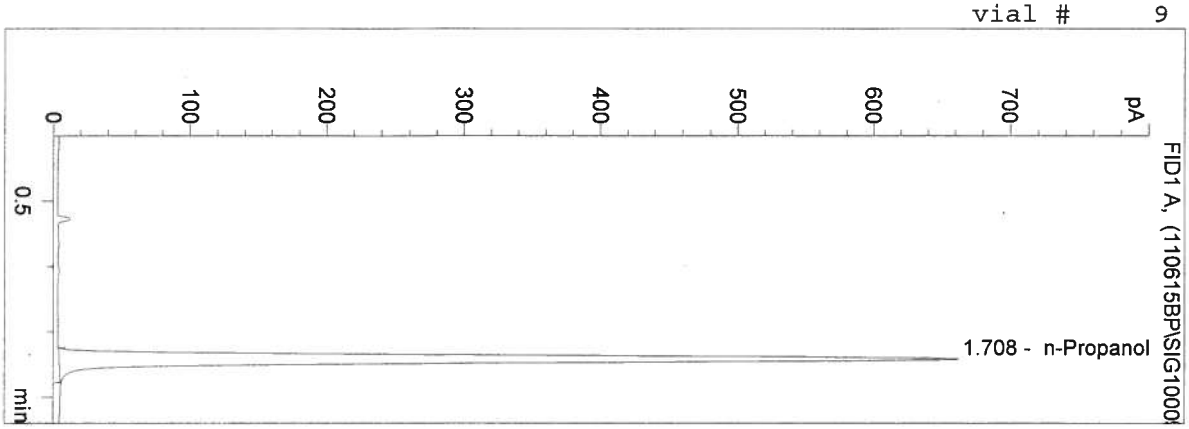
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

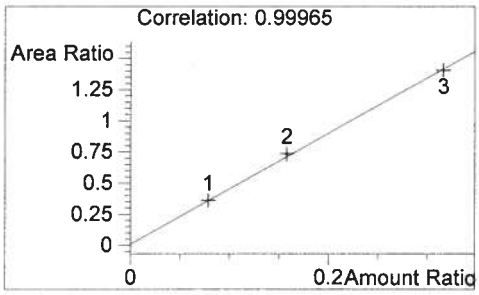
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 4:50:28 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

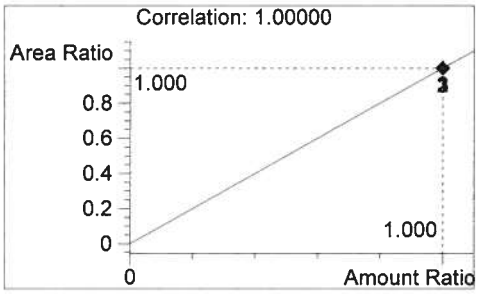
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2578	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

BP

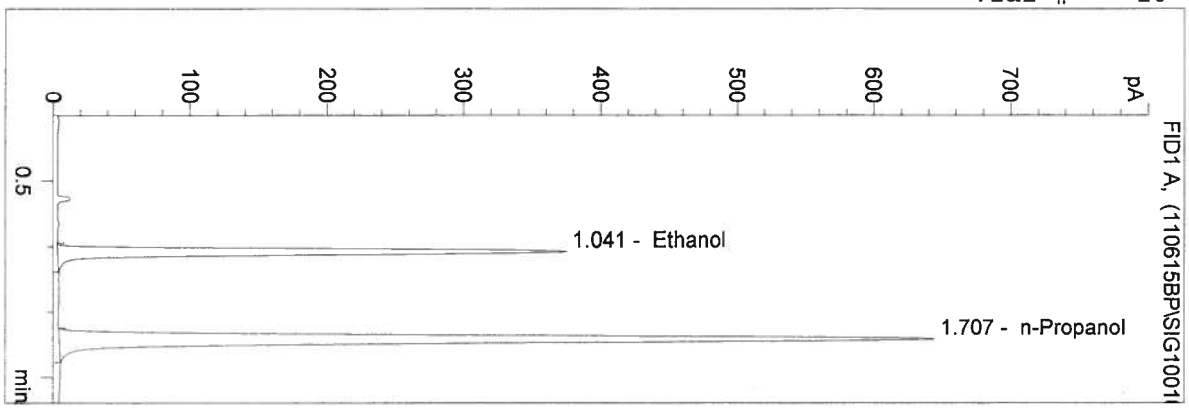
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

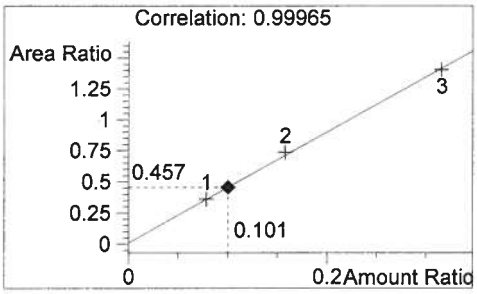
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 4:53:33 PM
Instrument 1
DB-ALC1

11027 #1
Brianna Peterson

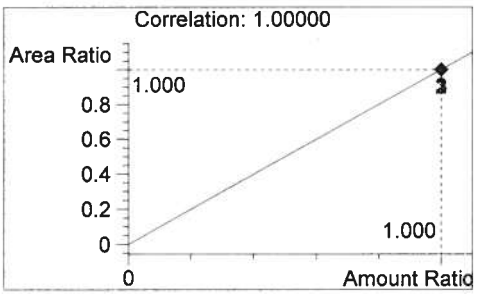
vial # 10



#	Compound	Area	RT
1	Ethanol	1144	1.041
2	n-Propanol	2502	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

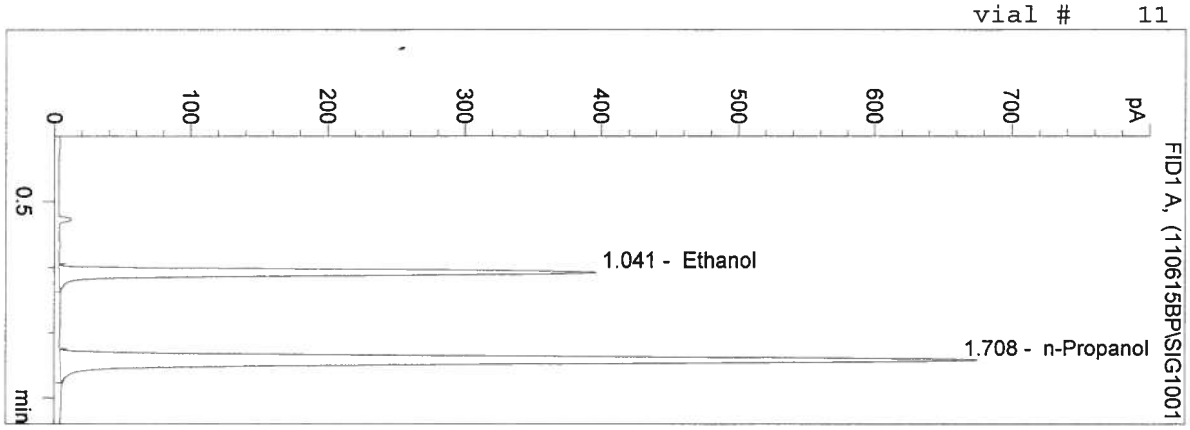
BL

WASHINGTON STATE TOXICOLOGY LABORATORY

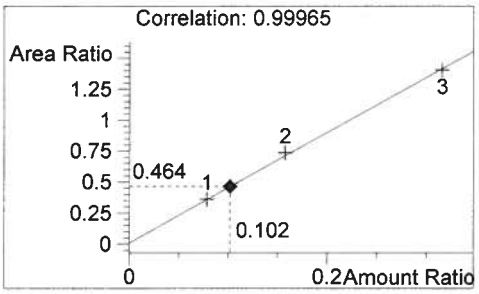
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 4:56:38 PM
Instrument 1
DB-ALC1

11027 #2
Brianna Peterson

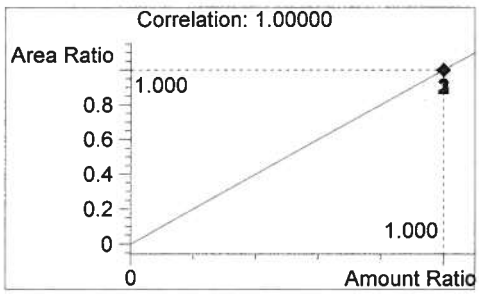
vial # 11



#	Compound	Area	RT
1	Ethanol	1219	1.041
2	n-Propanol	2626	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

BL

WASHINGTON STATE TOXICOLOGY LABORATORY

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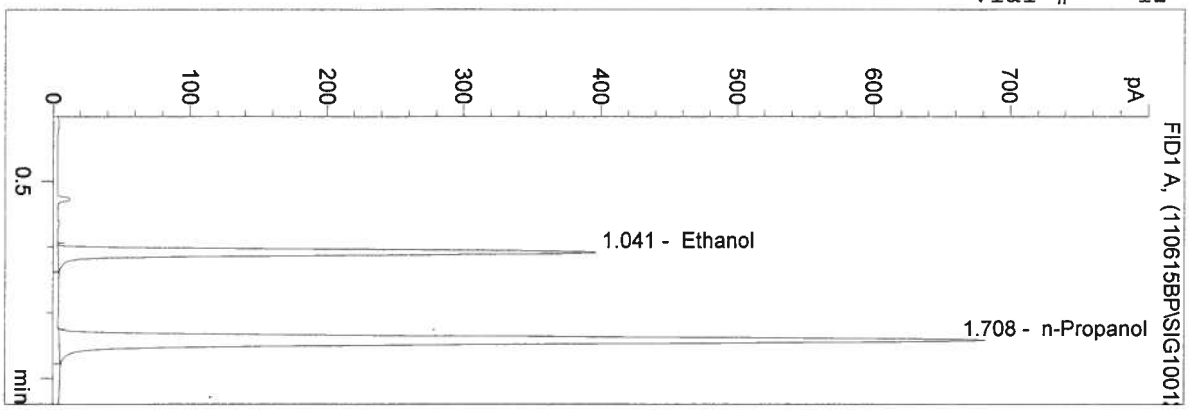
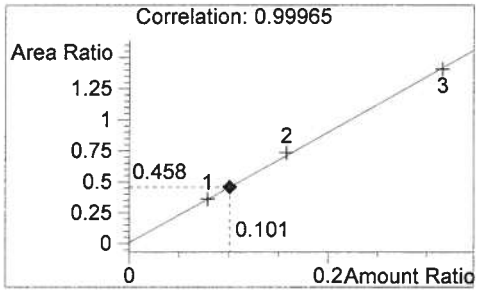
6/15/2011 4:59:43 PM
Instrument 1
DB-ALC1

11027 #3
Brianna Peterson

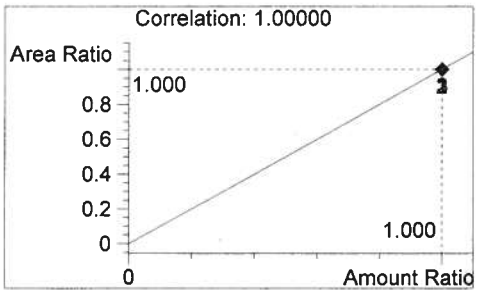
vial # 12



#	Compound	Area	RT
1	Ethanol	1215	1.041
2	n-Propanol	2651	1.708
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

BL

WASHINGTON STATE TOXICOLOGY LABORATORY

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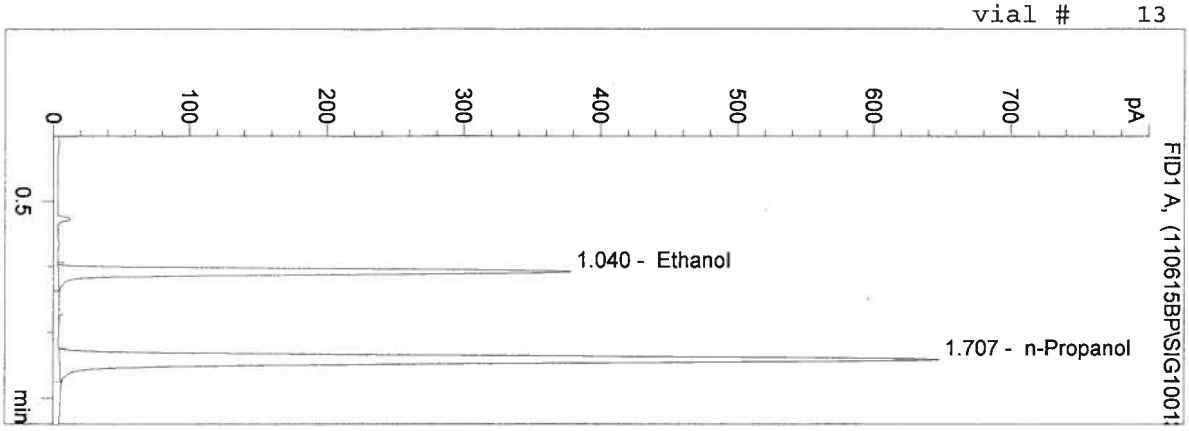
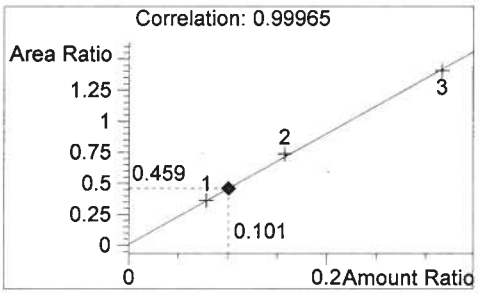
6/15/2011 5:02:47 PM
Instrument 1
DB-ALC1

11027 #4
Brianna Peterson

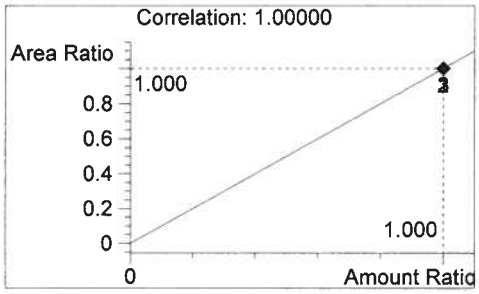
vial # 13



#	Compound	Area	RT
1	Ethanol	1152	1.040
2	n-Propanol	2509	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

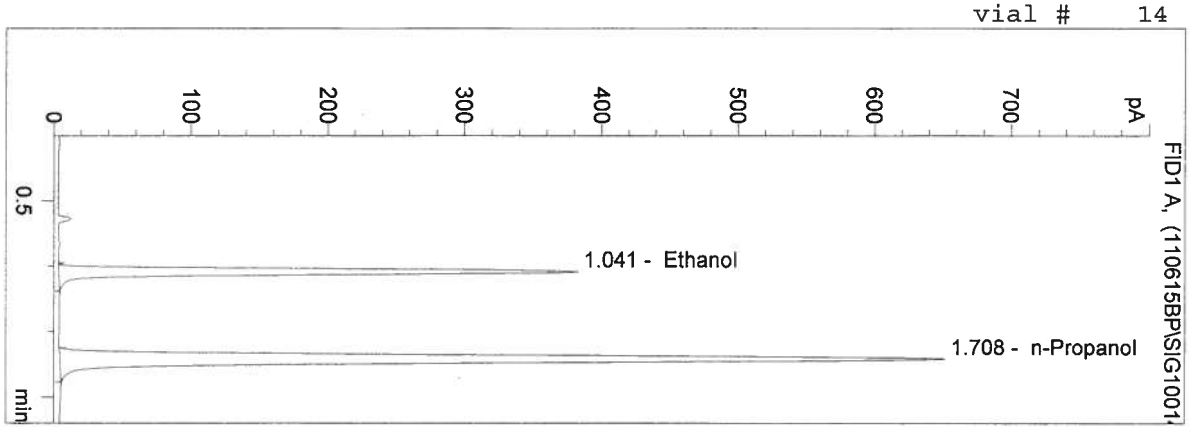
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

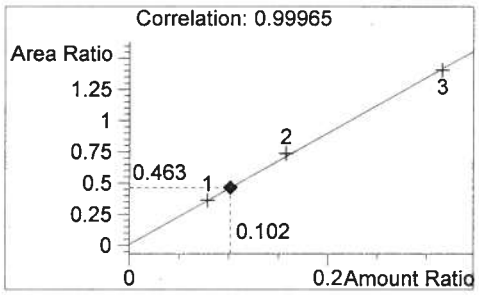
C:\HPCHEM\1\METHODS\SIMALC1.M
6/15/2011 5:05:52 PM
Instrument 1
DB-ALC1

11027 #5
Brianna Peterson

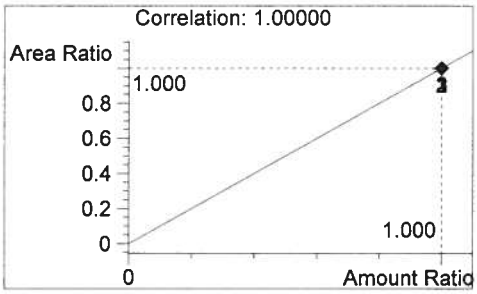
vial # 14



#	Compound	Area	RT
1	Ethanol	1175	1.041
2	n-Propanol	2536	1.708
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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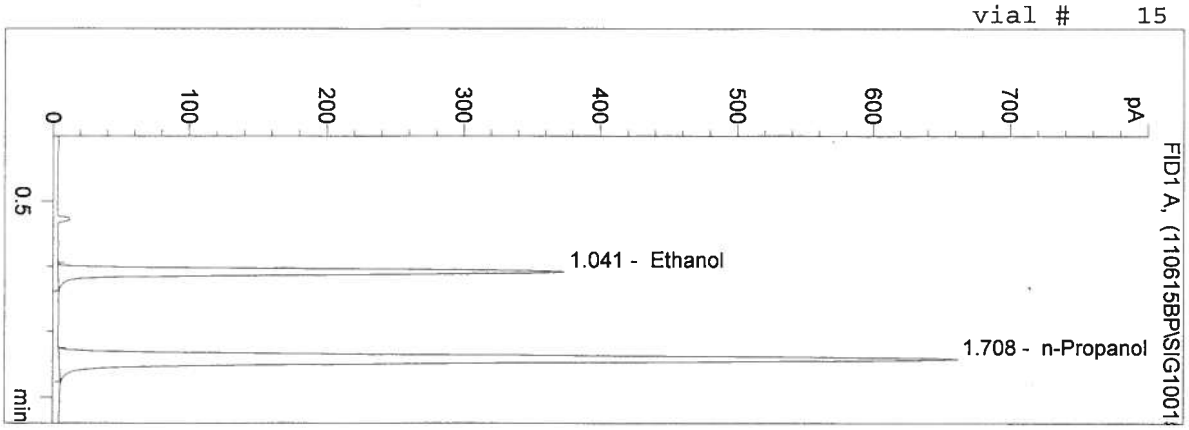
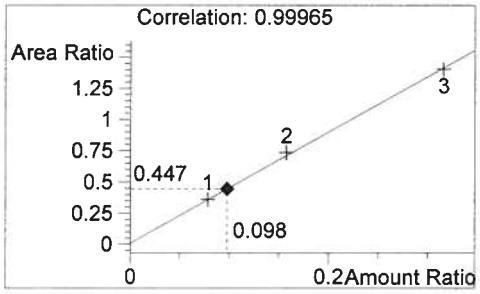
6/15/2011 5:08:57 PM
Instrument 1
DB-ALC1

0.10 CTRL - BP
Brianna Peterson

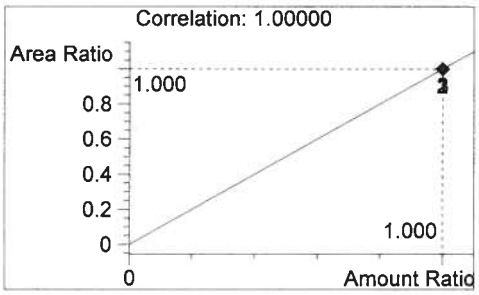
vial # 15



#	Compound	Area	RT
1	Ethanol	1152	1.041
2	n-Propanol	2577	1.708
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

11027

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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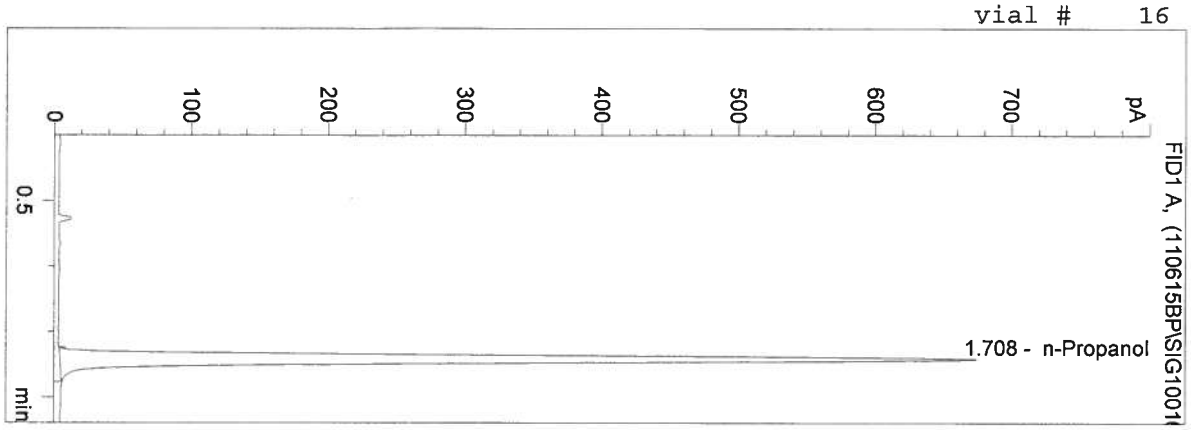
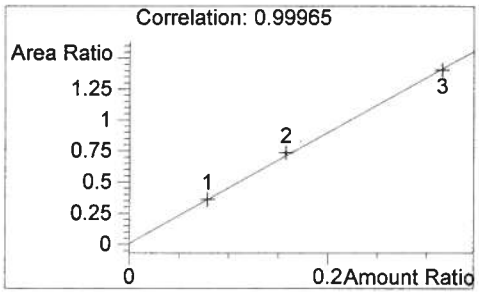
6/15/2011 5:12:02 PM
Instrument 1
DB-ALC1

NEG CTRL - BP
Brianna Peterson

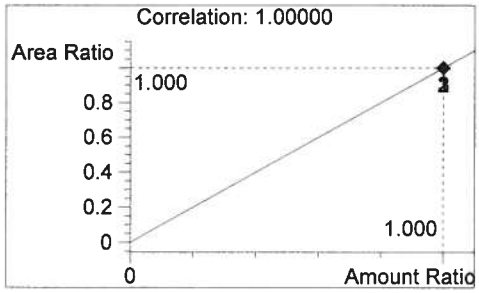
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2629	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11027

BP

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:	110621RF
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 # A073849 - exp 07/2014

RF

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	11027 #1	SIMALC1	1	Sample		
11	Vial 11	11027 #2	SIMALC1	1	Sample		
12	Vial 12	11027 #3	SIMALC1	1	Sample		
13	Vial 13	11027 #4	SIMALC1	1	Sample		
14	Vial 14	11027 #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	

11027

Sequence Table (Back Injector):

No entries - empty table!

RF

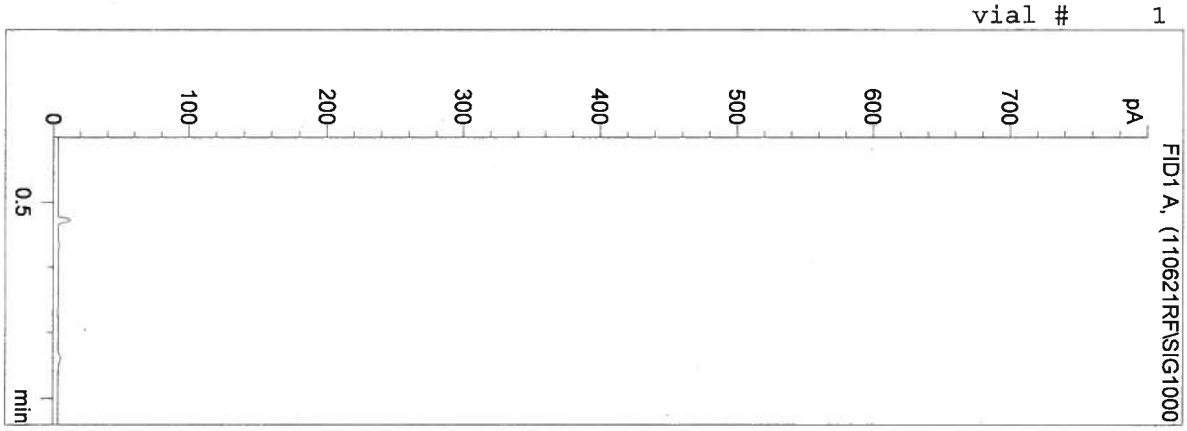
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 11:56:05 AM
Instrument 1
DB-ALC1

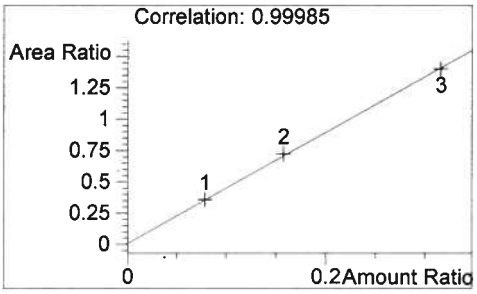
BLANK
Rebecca Flaherty

vial # 1

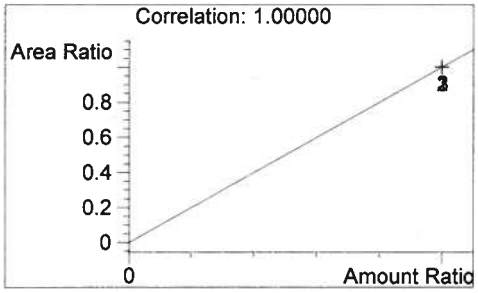


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot.			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

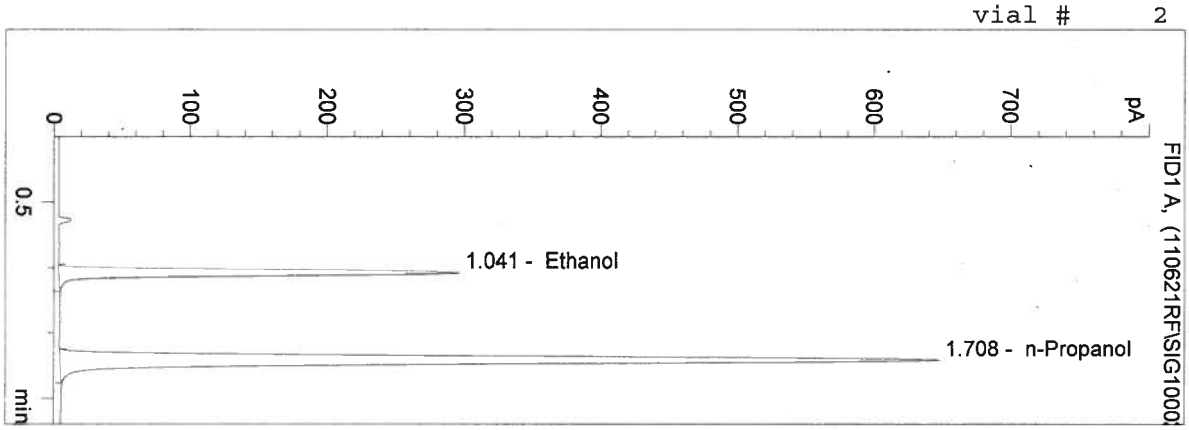
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 11:59:20 AM
Instrument 1
DB-ALC1

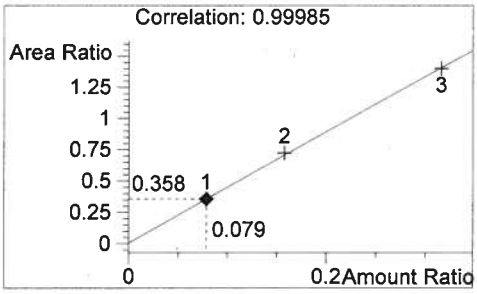
0.079 CAL 1
Rebecca Flaherty

vial # 2

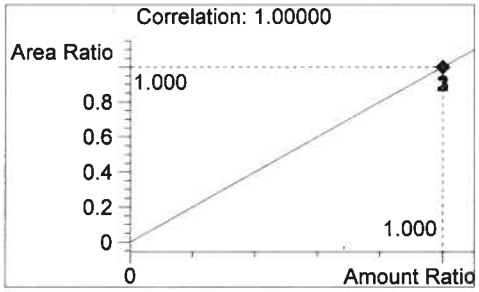


#	Compound	Area	RT
1	Ethanol	899	1.041
2	n-Propanol	2512	1.708
Tot			

RF



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

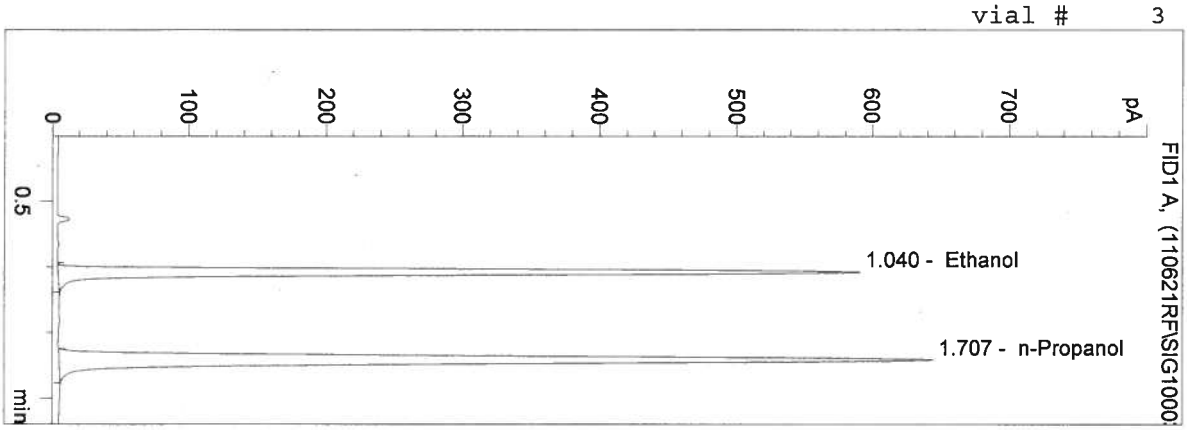
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:02:24 PM
Instrument 1
DB-ALC1

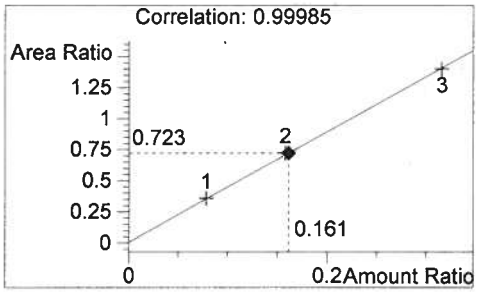
0.158 CAL 2
Rebecca Flaherty

vial # 3

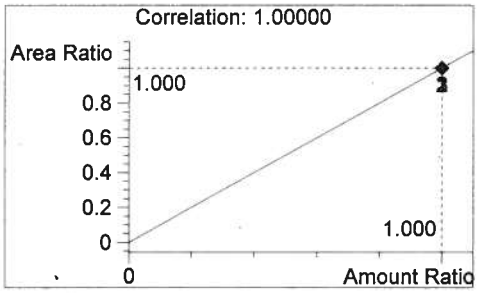


#	Compound	Area	RT
1	Ethanol	1804	1.040
2	n-Propanol	2496	1.707
Tot			

RF



Ethanol 0.161 g/100 mL



n-Propanol 1.000 g/100 mL

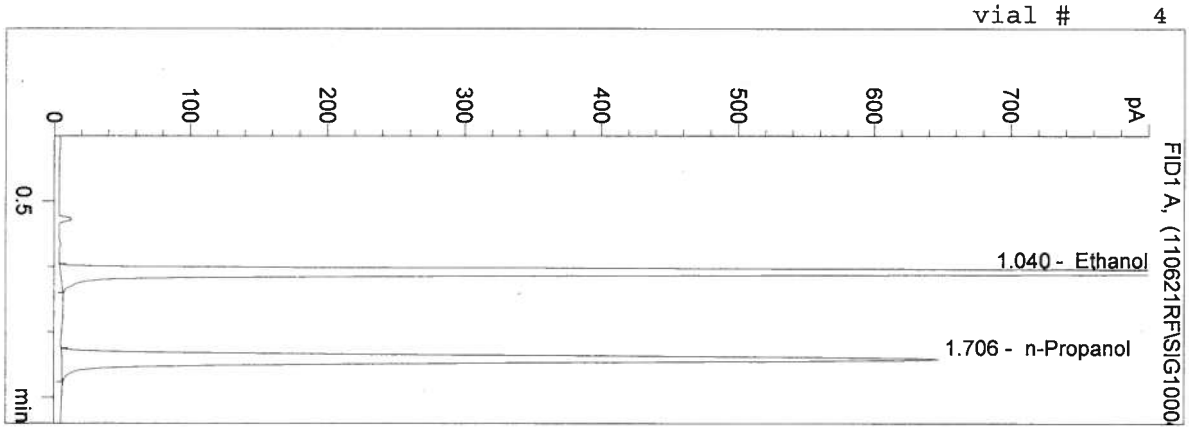
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:05:29 PM
Instrument 1
DB-ALC1

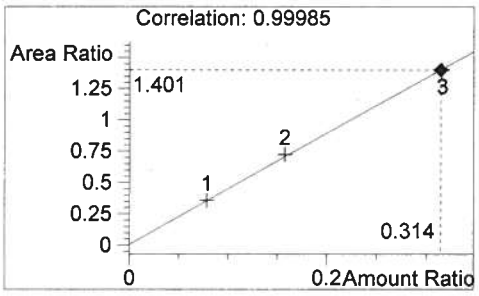
0.316 CAL 3
Rebecca Flaherty

vial # 4

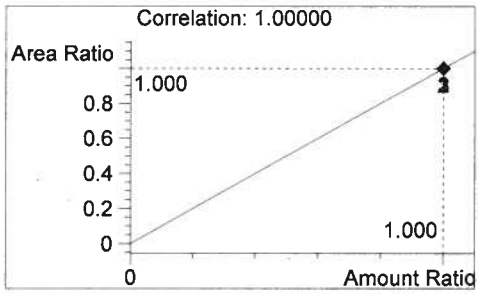


#	Compound	Area	RT
1	Ethanol	3506	1.040
2	n-Propanol	2502	1.706
Tot			

RF



Ethanol 0.314 g/100 mL



n-Propanol 1.000 g/100 mL

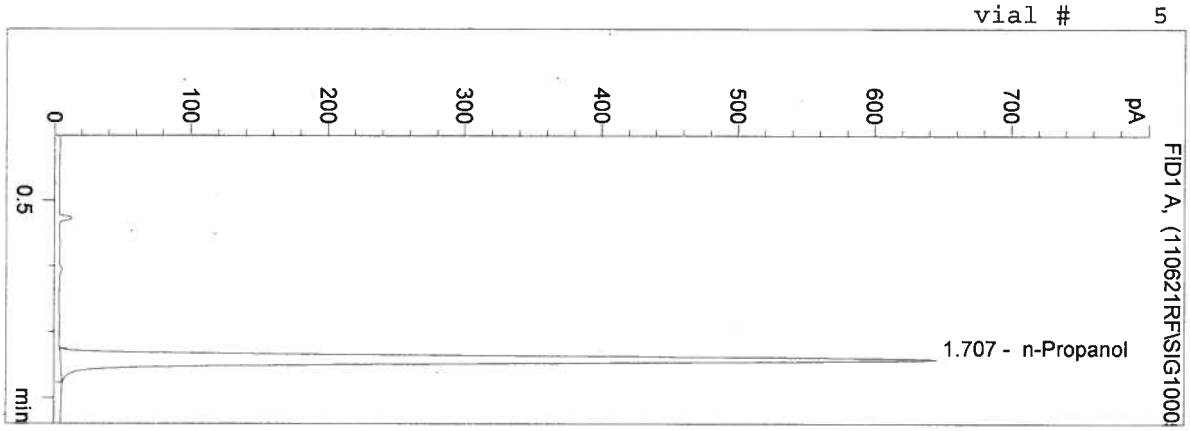
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:08:34 PM
Instrument 1
DB-ALC1

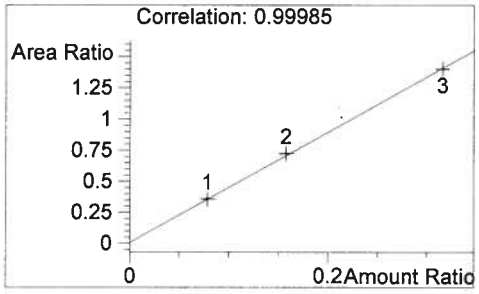
NEG CONTROL-RF
Rebecca Flaherty

vial # 5

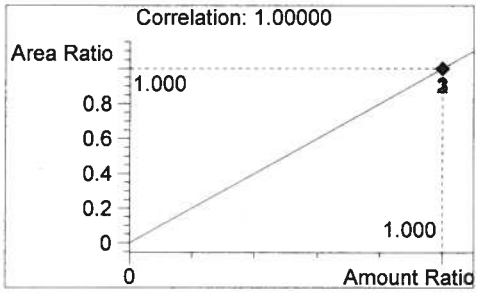


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2501	1.707
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

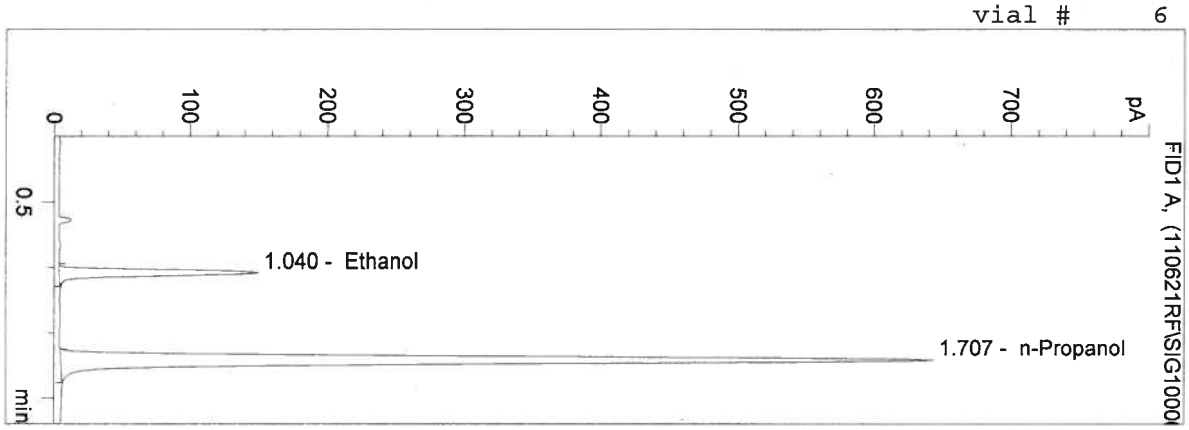
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:11:39 PM
Instrument 1
DB-ALC1

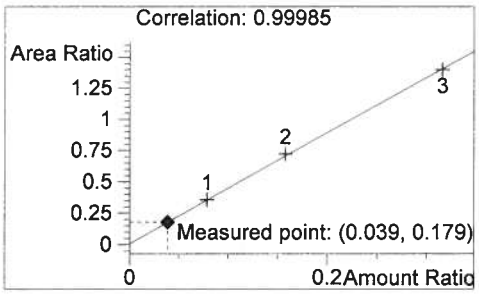
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

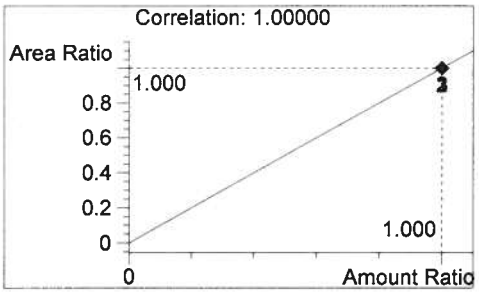


#	Compound	Area	RT
1	Ethanol	444	1.040
2	n-Propanol	2489	1.707
Tot			

RF



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

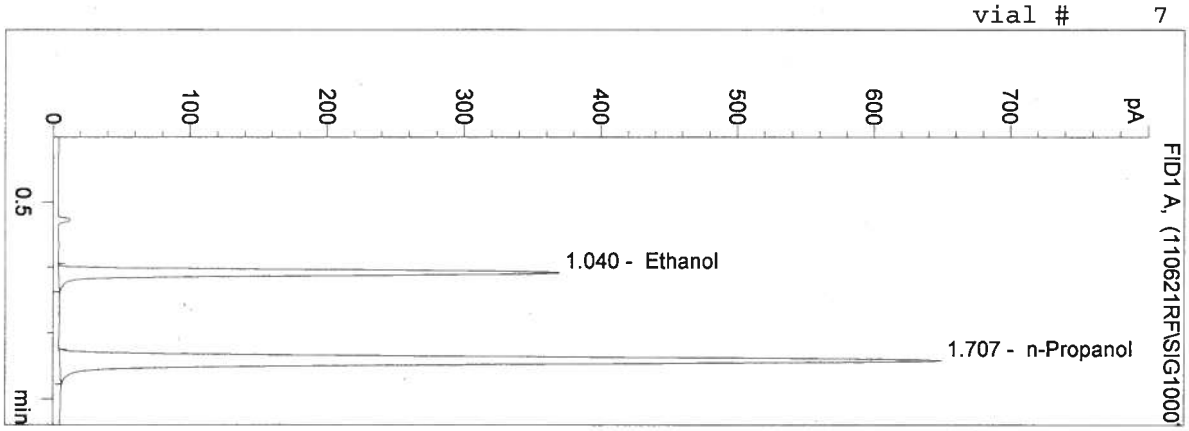
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:14:43 PM
Instrument 1
DB-ALC1

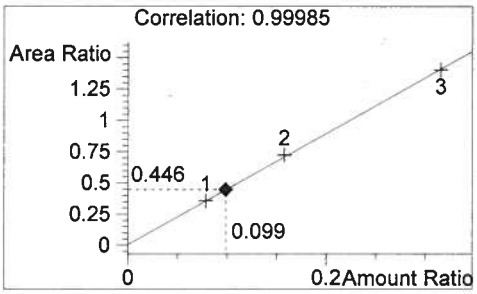
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

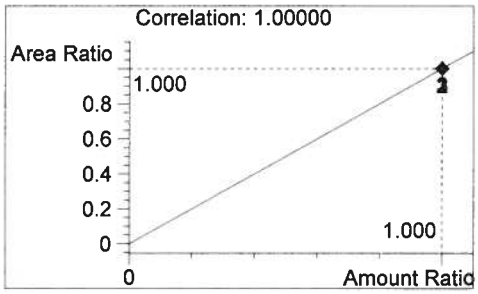


#	Compound	Area	RT
1	Ethanol	1123	1.040
2	n-Propanol	2517	1.707
Tot			

RF



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

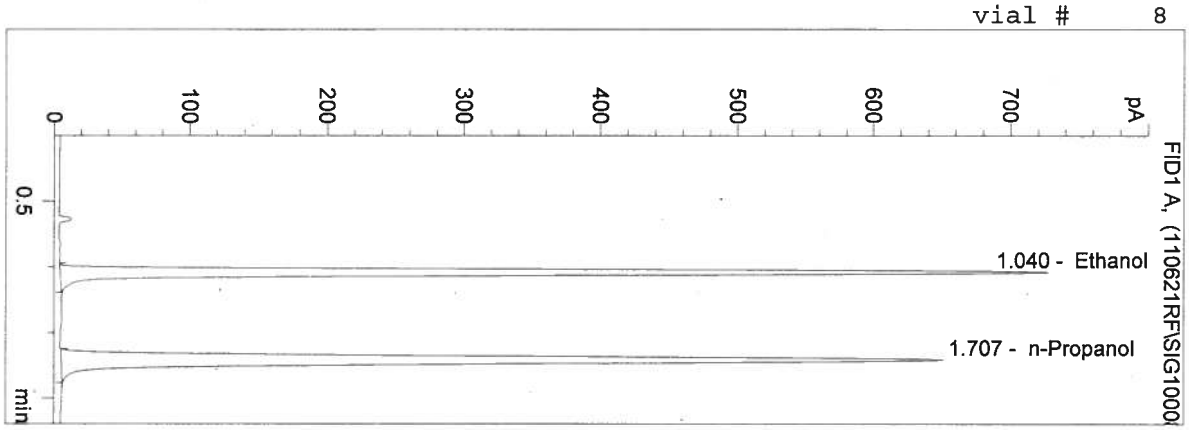
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:17:48 PM
Instrument 1
DB-ALC1

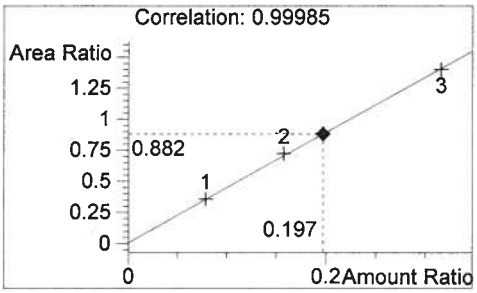
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

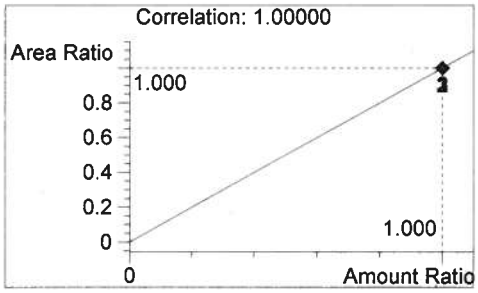


#	Compound	Area	RT
1	Ethanol	2218	1.040
2	n-Propanol	2515	1.707
Tot			

RF



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

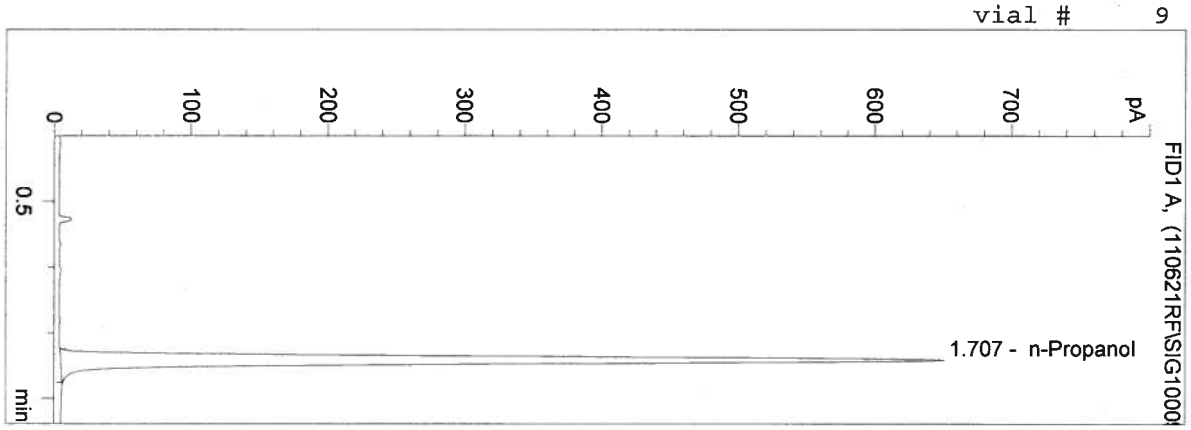
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:20:53 PM
Instrument 1
DB-ALC1

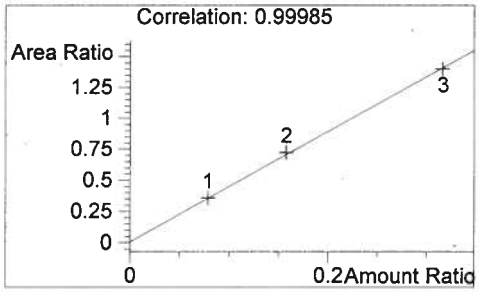
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

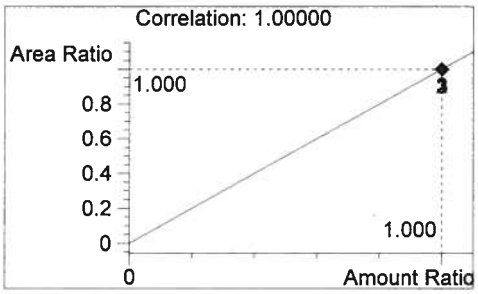


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2515	1.707
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

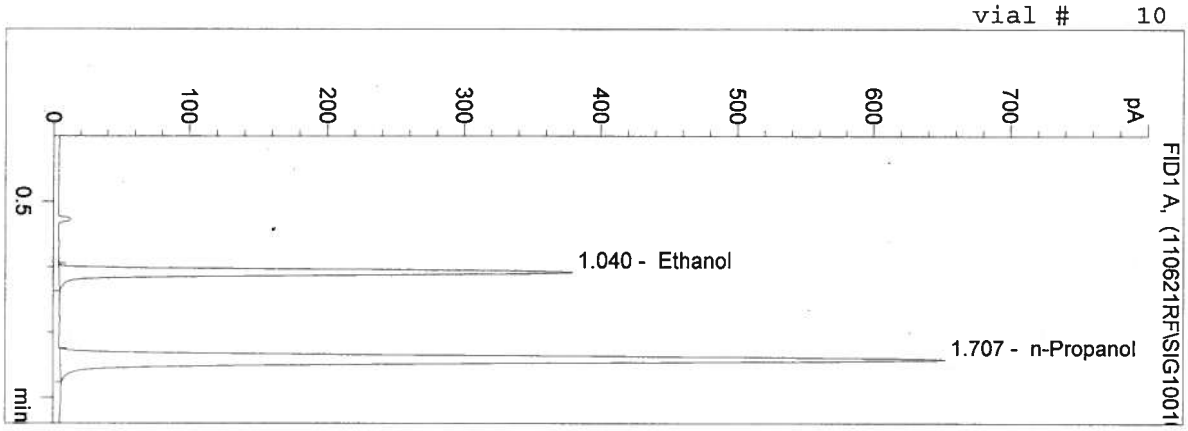
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:23:58 PM
Instrument 1
DB-ALC1

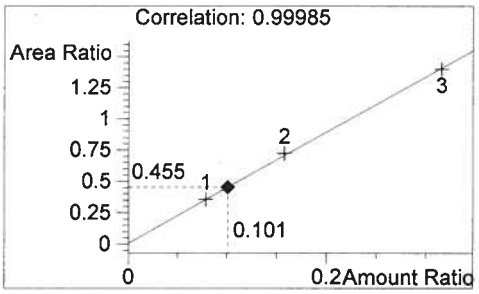
11027 #1
Rebecca Flaherty

vial # 10

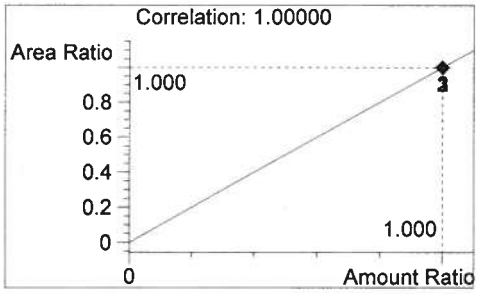


#	Compound	Area	RT
1	Ethanol	1147	1.040
2	n-Propanol	2519	1.707
Tot			

RF



Ethanol 0.101 g/100 mL



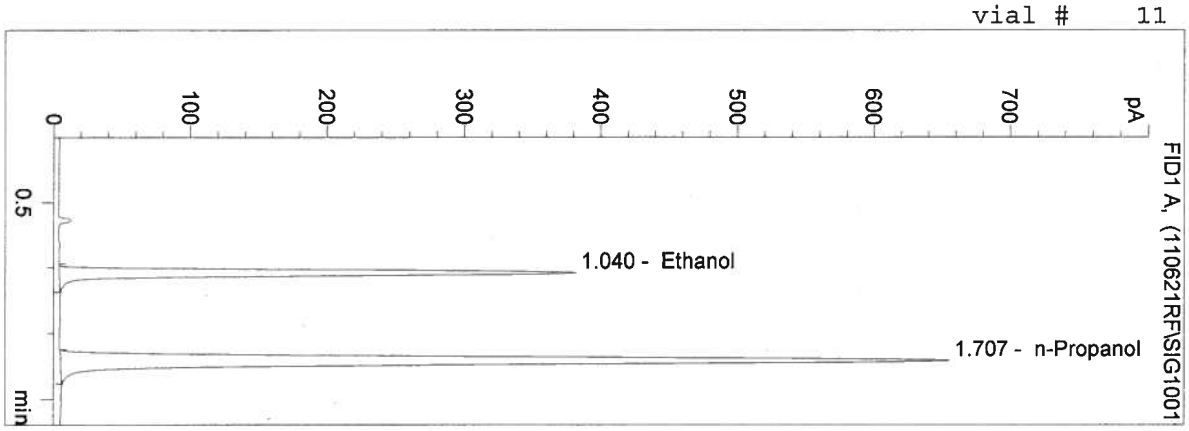
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:27:03 PM
Instrument 1
DB-ALC1

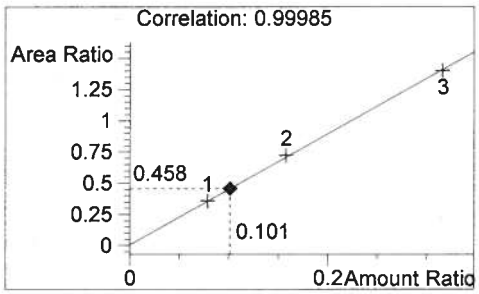
11027 #2
Rebecca Flaherty

vial # 11

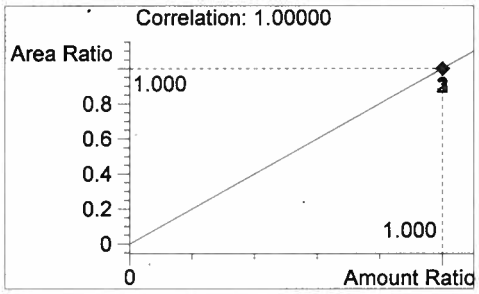


#	Compound	Area	RT
1	Ethanol	1162	1.040
2	n-Propanol	2539	1.707
Tot			

RF



Ethanol 0.101 g/100 mL



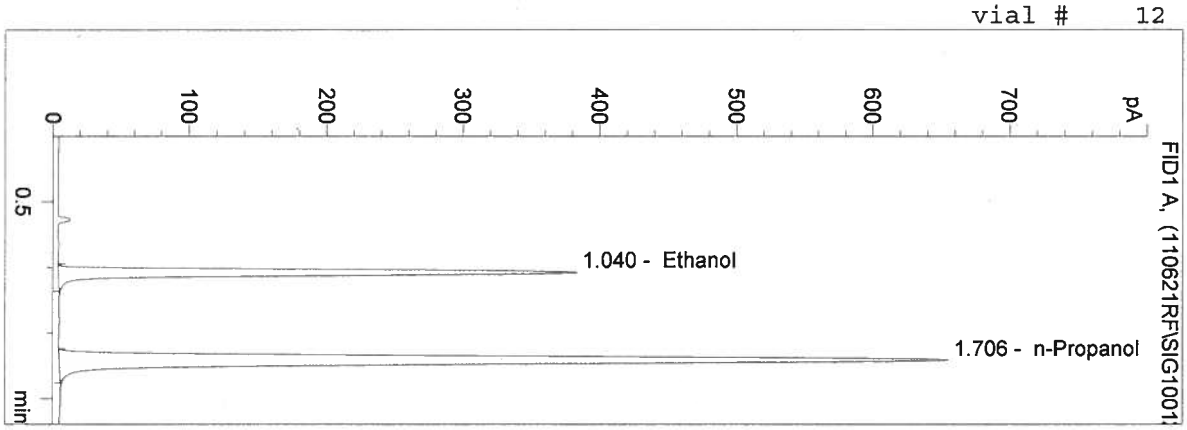
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:30:08 PM
Instrument 1
DB-ALC1

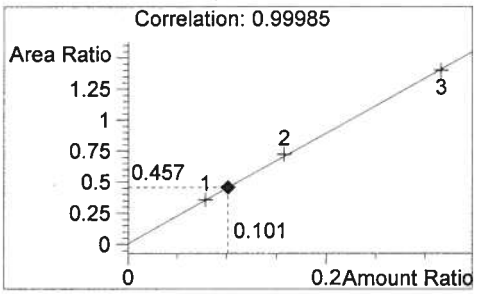
11027 #3
Rebecca Flaherty

vial # 12

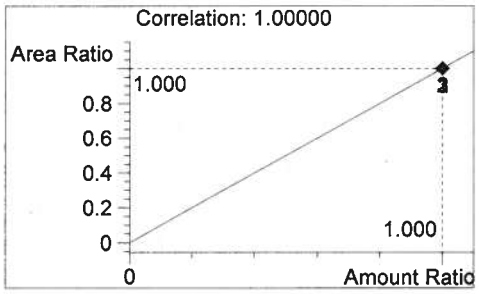


#	Compound	Area	RT
1	Ethanol	1156	1.040
2	n-Propanol	2531	1.706
Tot			

RF



Ethanol 0.101 g/100 mL



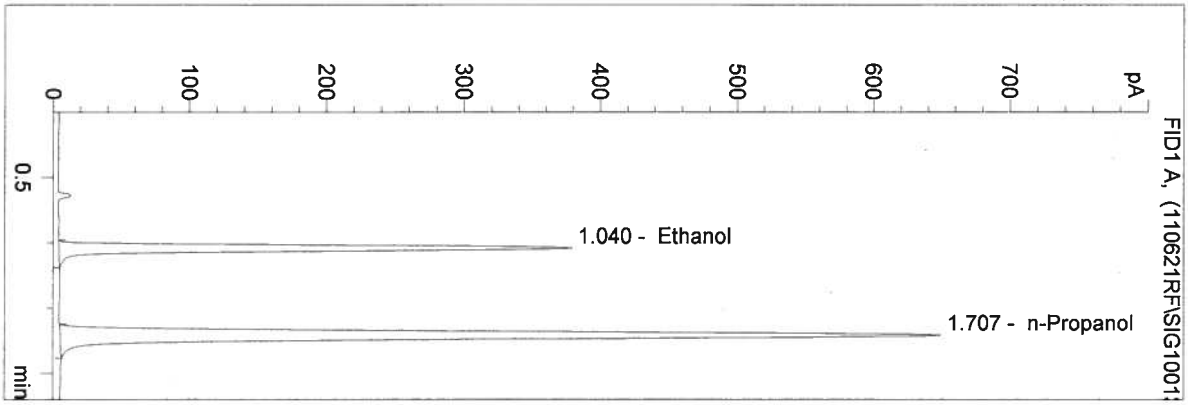
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:33:12 PM
Instrument 1
DB-ALC1

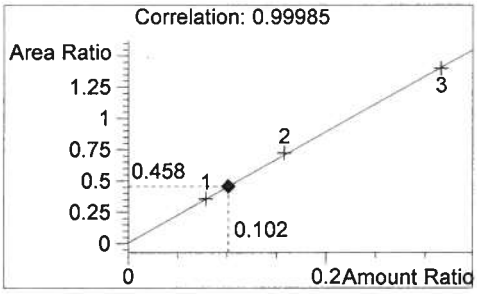
11027 #4
Rebecca Flaherty

vial # 13

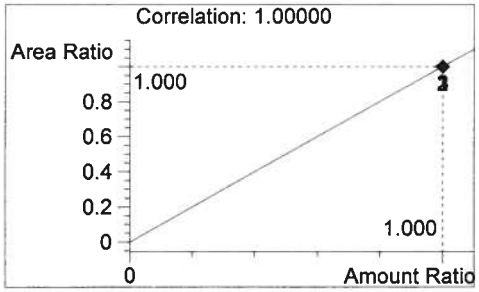


#	Compound	Area	RT
1	Ethanol	1150	1.040
2	n-Propanol	2512	1.707
Tot			

RF



Ethanol 0.102 g/100 mL



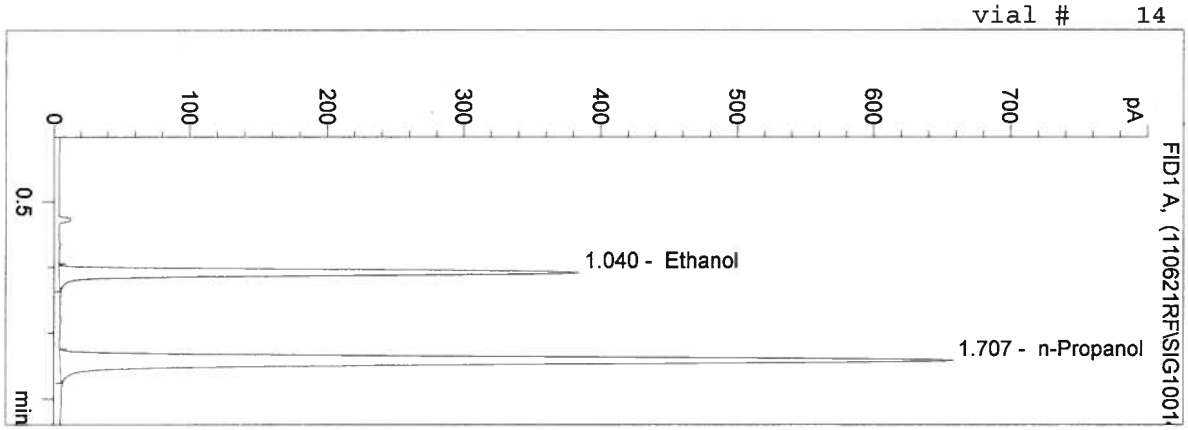
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:36:17 PM
Instrument 1
DB-ALC1

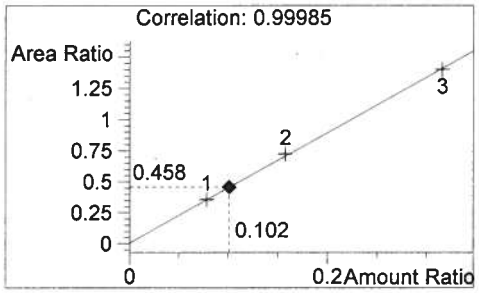
11027 #5
Rebecca Flaherty

vial # 14

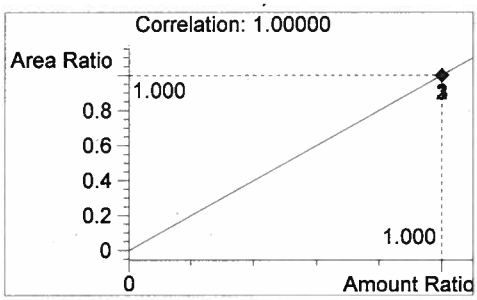


#	Compound	Area	RT
1	Ethanol	1164	1.040
2	n-Propanol	2543	1.707
Tot			

RF



Ethanol 0.102 g/100 mL



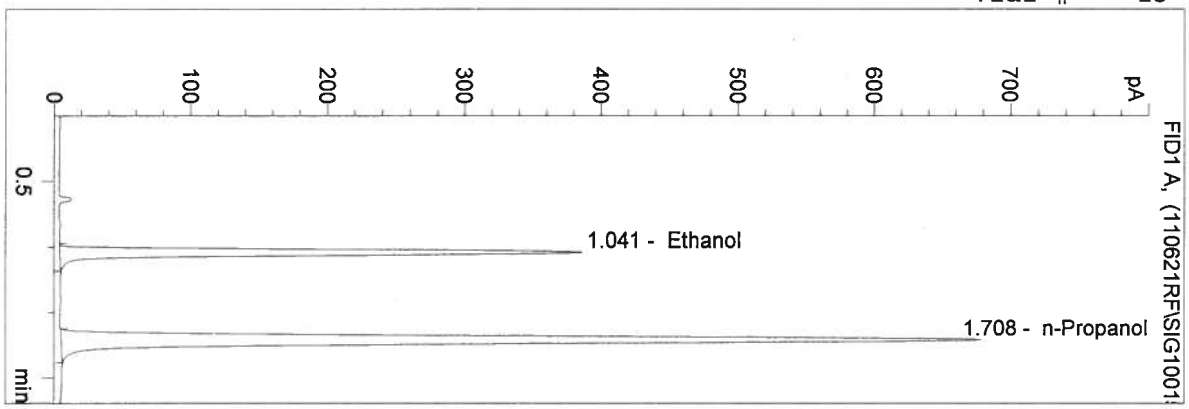
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:39:22 PM
Instrument 1
DB-ALC1

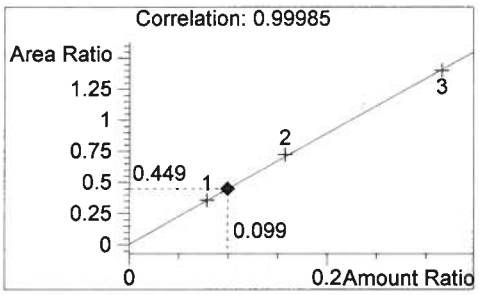
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

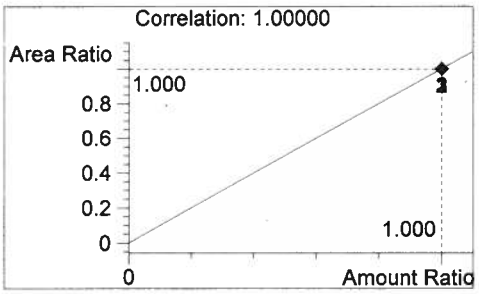


#	Compound	Area	RT
1	Ethanol	1177	1.041
2	n-Propanol	2623	1.708
Tot			

RF



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

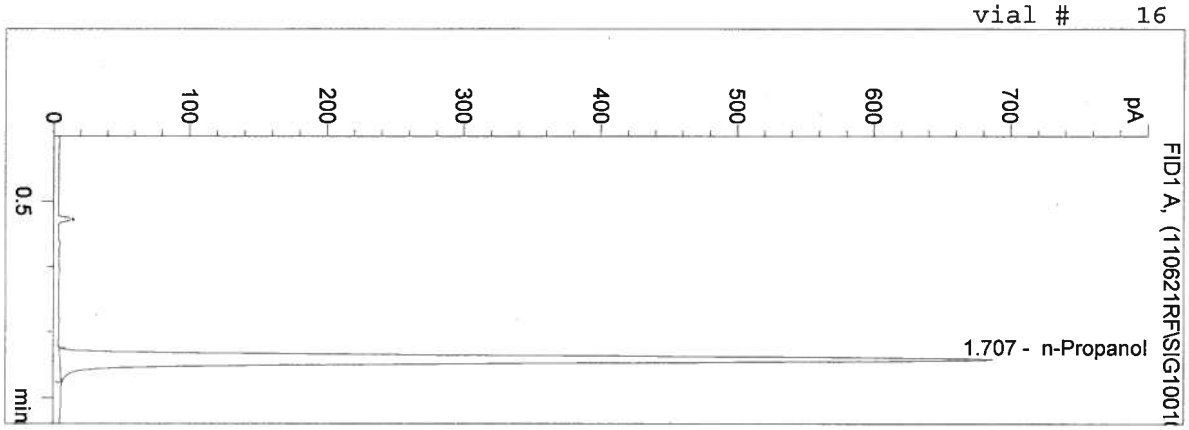
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC1.M
6/21/2011 12:42:27 PM
Instrument 1
DB-ALC1

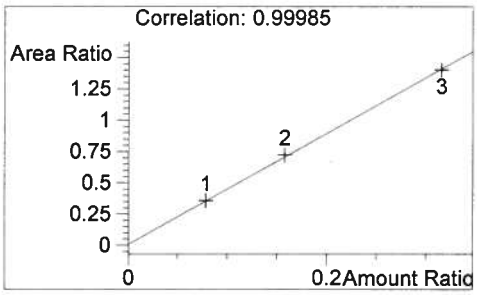
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

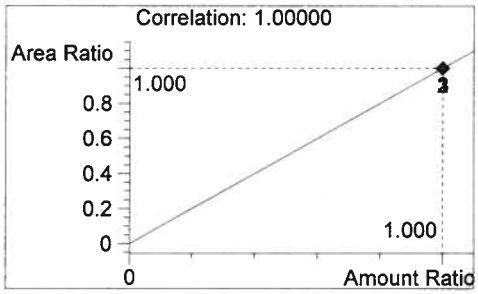


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2669	1.707
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11027

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:	110622DC
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 # A073849 - exp 07/2014

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	11027 #1	SIMALC1	1	Sample		
11	Vial 11	11027 #2	SIMALC1	1	Sample		
12	Vial 12	11027 #3	SIMALC1	1	Sample		
13	Vial 13	11027 #4	SIMALC1	1	Sample		
14	Vial 14	11027 #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	

11027

Sequence Table (Back Injector):

No entries - empty table!

DC

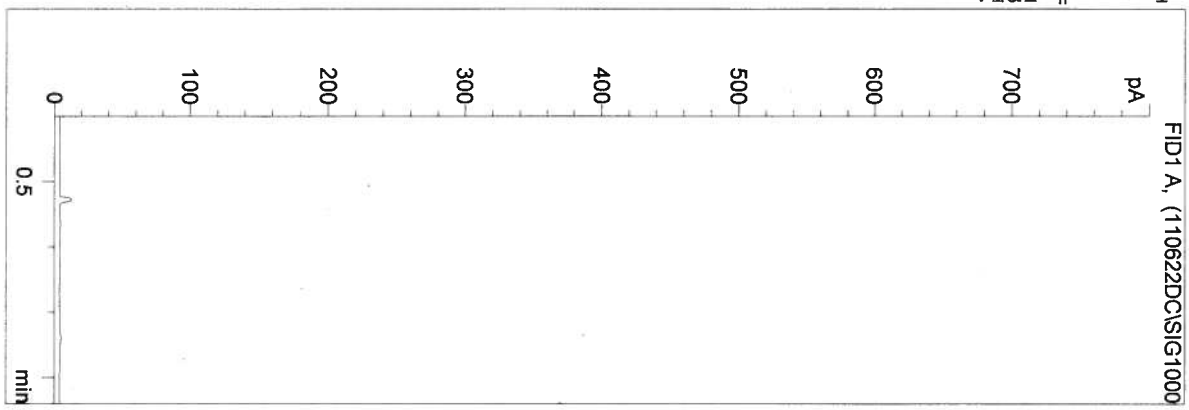
11027

WASHINGTON STATE TOXICOLOGY LABORATORY

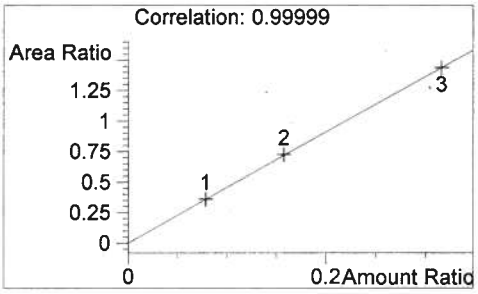
C:\HPCHEM\1\METHODS\SIMALC1.M
6/22/2011 2:21:33 PM
Instrument 1
DB-ALC1

BLANK
Dawn Cox

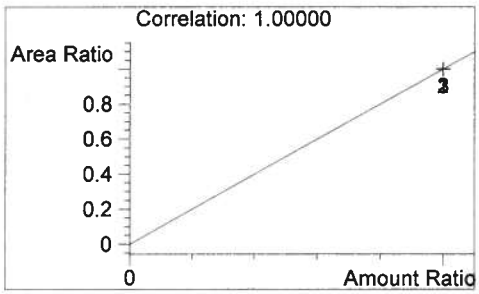
vial # 1



#	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

11027

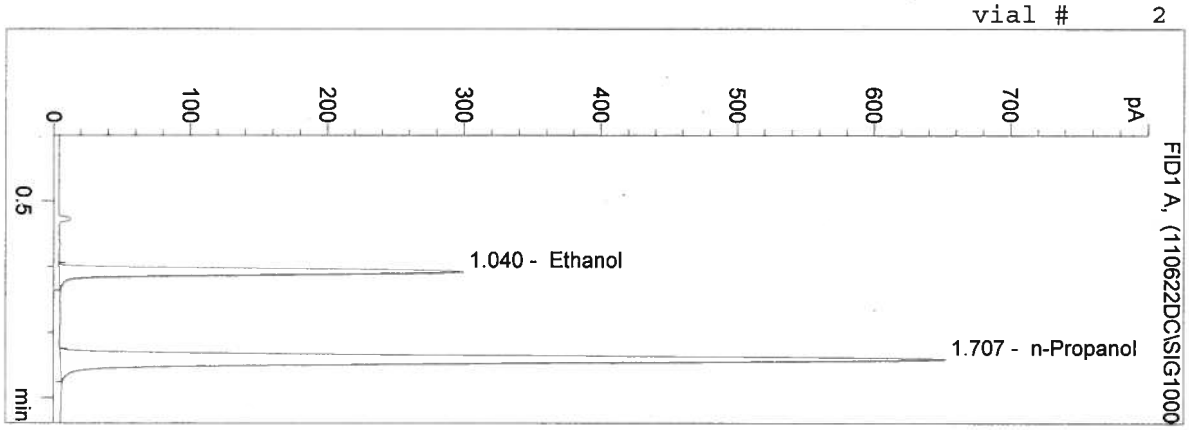
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

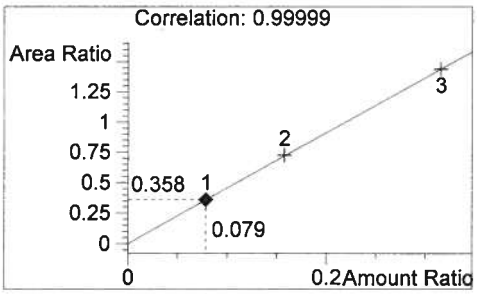
C:\HPCHEM\1\METHODS\SIMALC1.M
6/22/2011 2:24:38 PM
Instrument 1
DB-ALC1

0.079 CAL 1
Dawn Cox

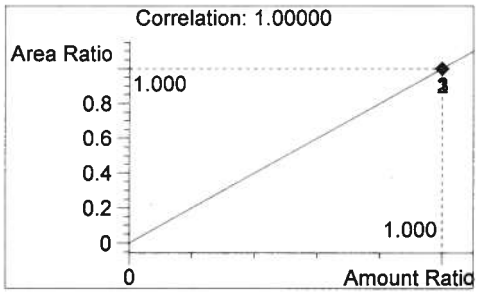
vial # 2



#	Compound	Area	RT
1	Ethanol	904	1.040
2	n-Propanol	2524	1.707
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

11027

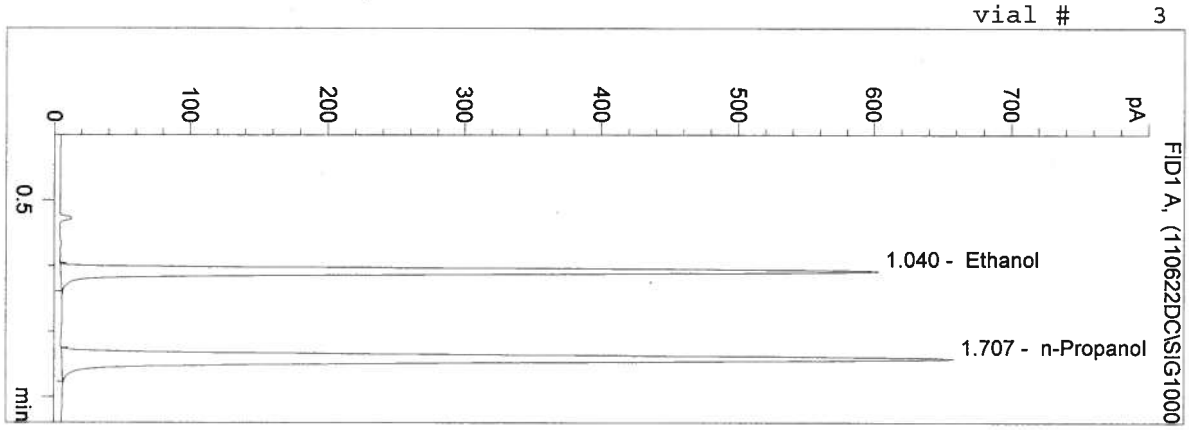
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

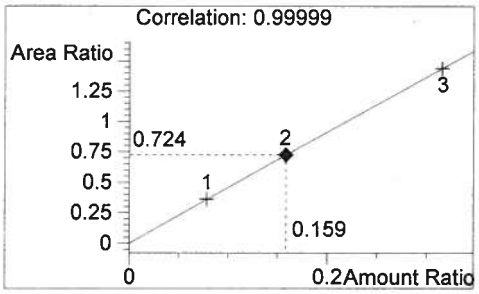
C:\HPCHEM\1\METHODS\SIMALC1.M
6/22/2011 2:27:43 PM
Instrument 1
DB-ALC1

0.158 CAL 2
Dawn Cox

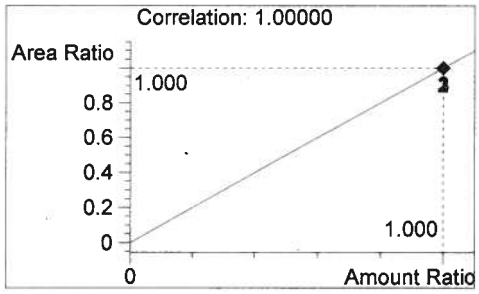
vial # 3



#	Compound	Area	RT
1	Ethanol	1844	1.040
2	n-Propanol	2547	1.707
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

11027

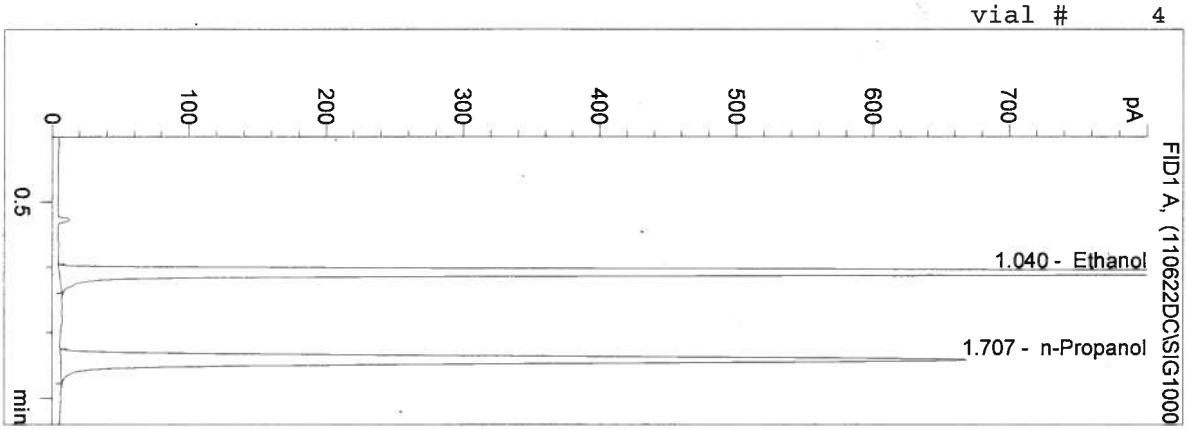
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

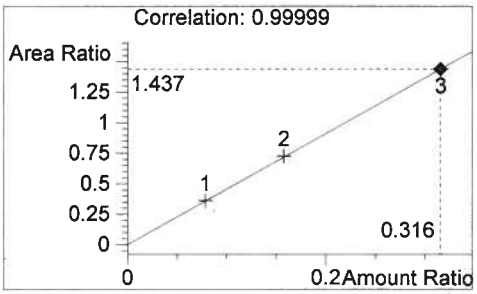
C:\HPCHEM\1\METHODS\SIMALC1.M
6/22/2011 2:30:47 PM
Instrument 1
DB-ALC1

0.316 CAL 3
Dawn Cox

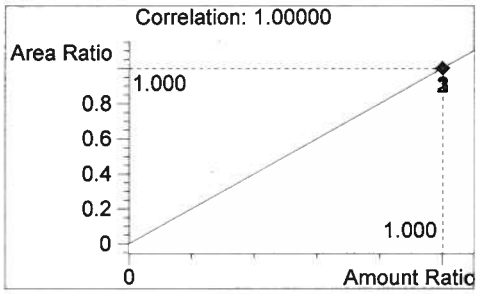
vial # 4



#	Compound	Area	RT
1	Ethanol	3715	1.040
2	n-Propanol	2585	1.707
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

11027

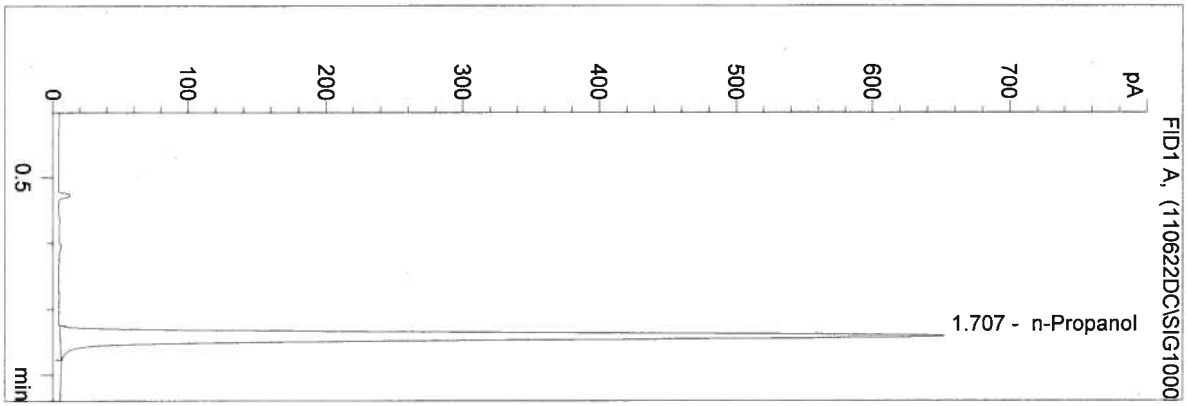
DC

WASHINGTON STATE TOXICOLOGY LABORATORY

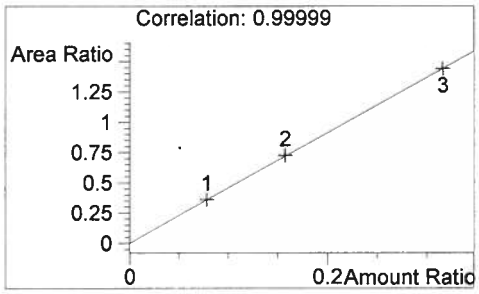
C:\HPCHEM\1\METHODS\SIMALC1.M
6/22/2011 2:33:52 PM
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

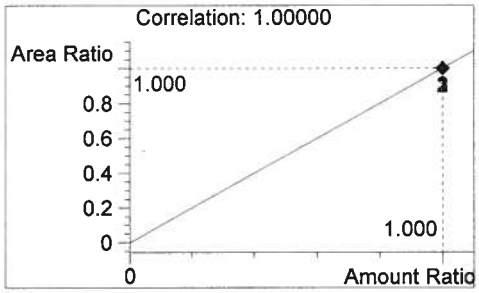
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2521	1.707
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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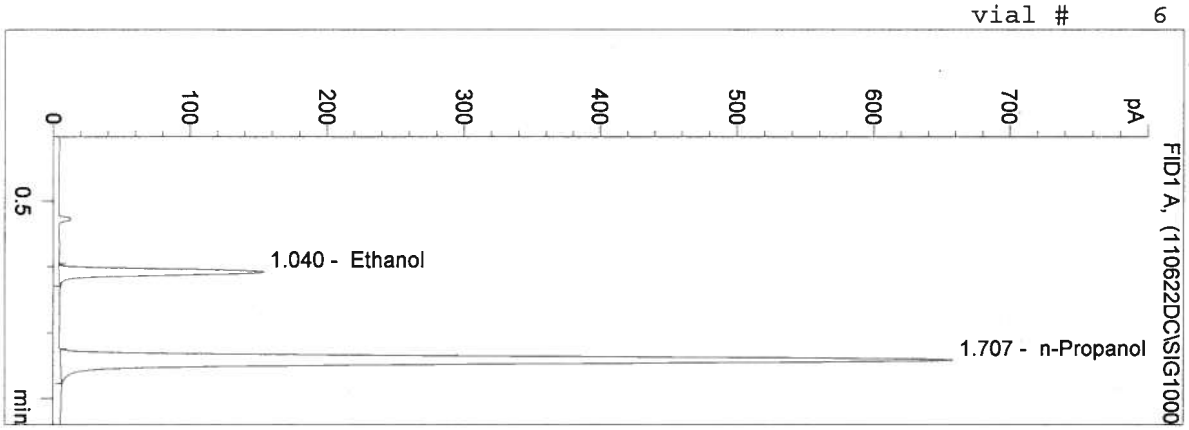
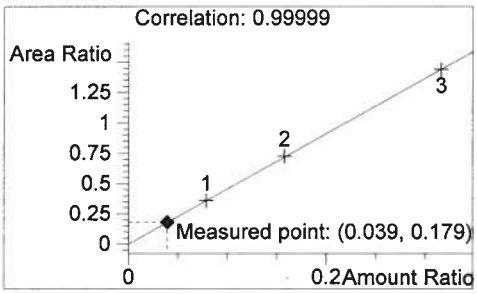
6/22/2011 2:36:57 PM
Instrument 1
DB-ALC1

0.04 CTRL-DC
Dawn Cox

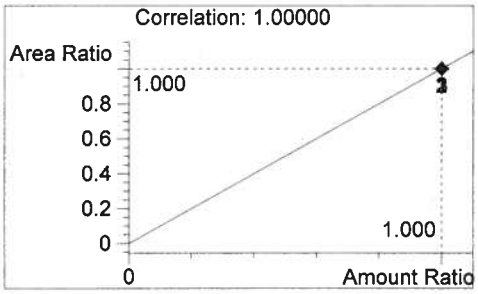
vial # 6



#	Compound	Area	RT
1	Ethanol	457	1.040
2	n-Propanol	2552	1.707
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

11027

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WASHINGTON STATE TOXICOLOGY LABORATORY

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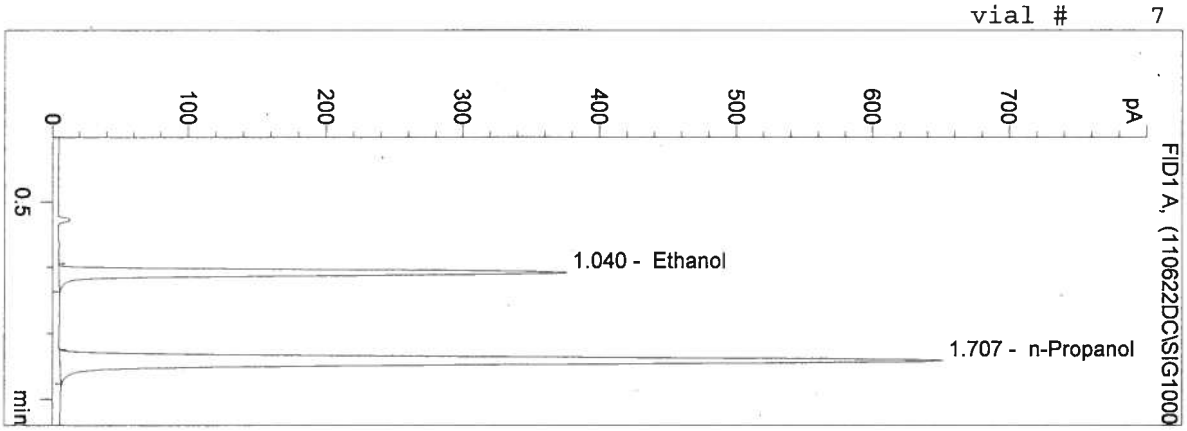
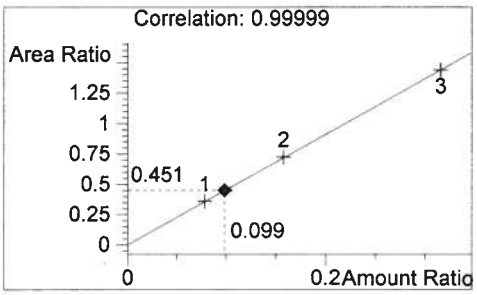
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

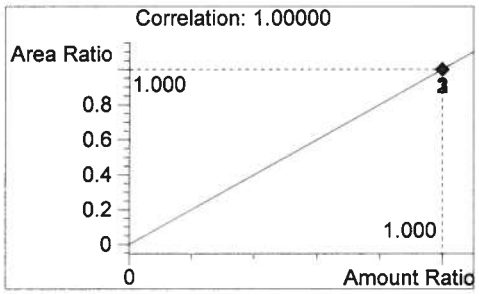
vial # 7



#	Compound	Area	RT
1	Ethanol	1137	1.040
2	n-Propanol	2520	1.707
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

11027

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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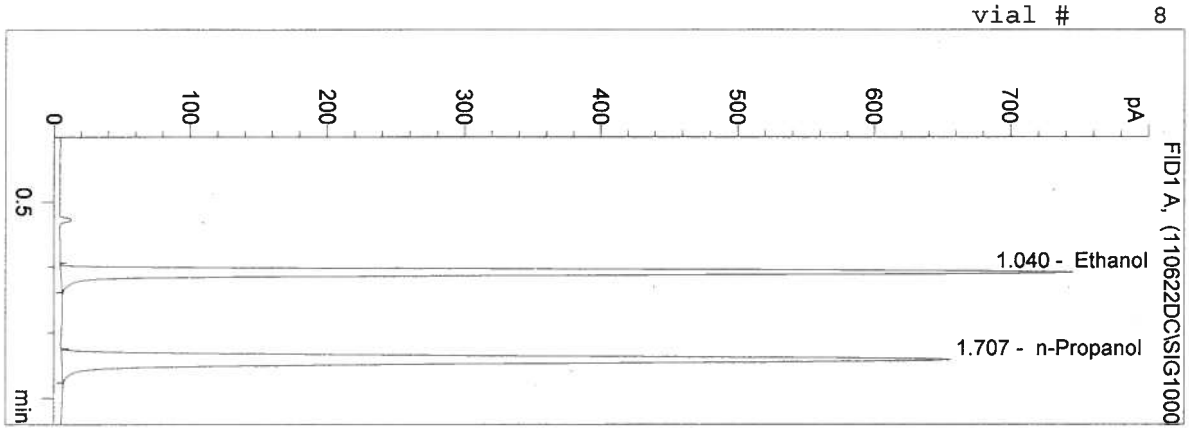
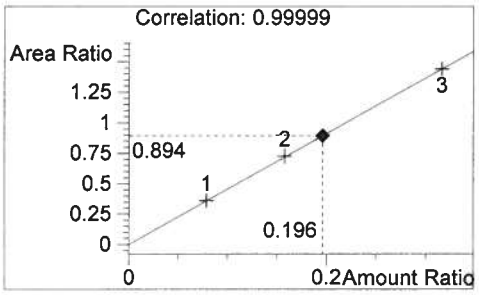
Instrument 1
DB-ALC1

0.20 CTRL-DC
Dawn Cox

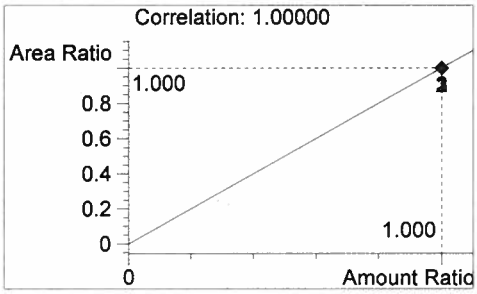
vial # 8



#	Compound	Area	RT
1	Ethanol	2264	1.040
2	n-Propanol	2532	1.707
Tot			



Ethanol 0.196 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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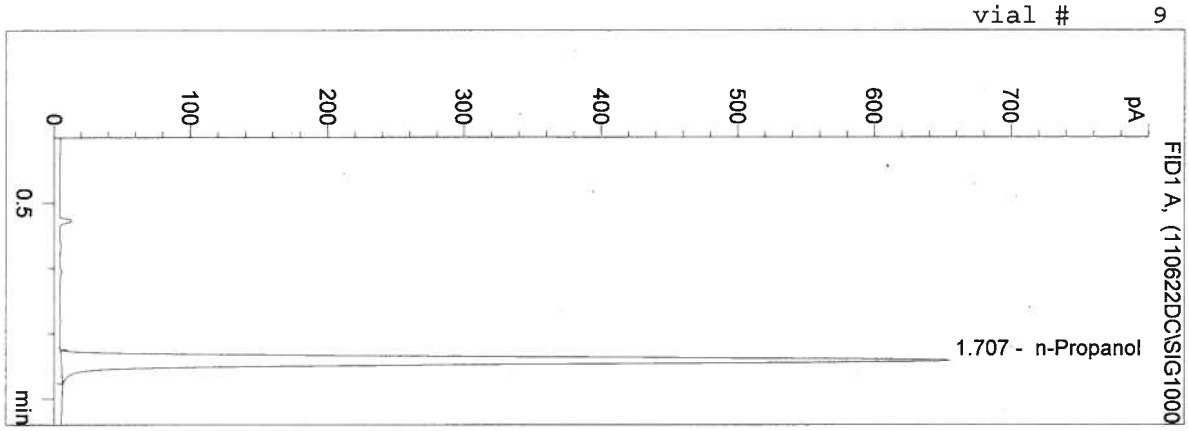
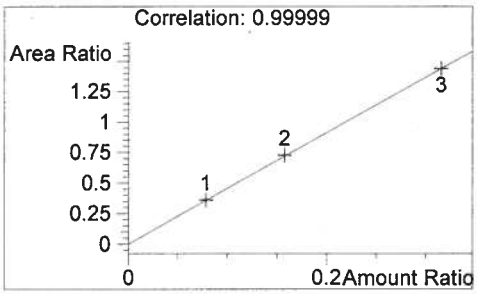
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

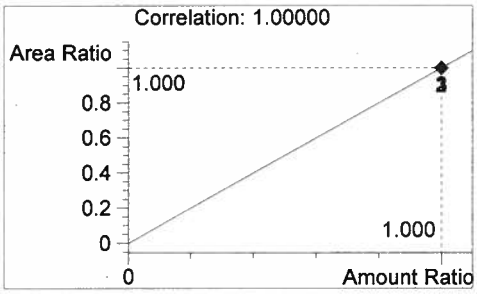
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2531	1.707
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11027

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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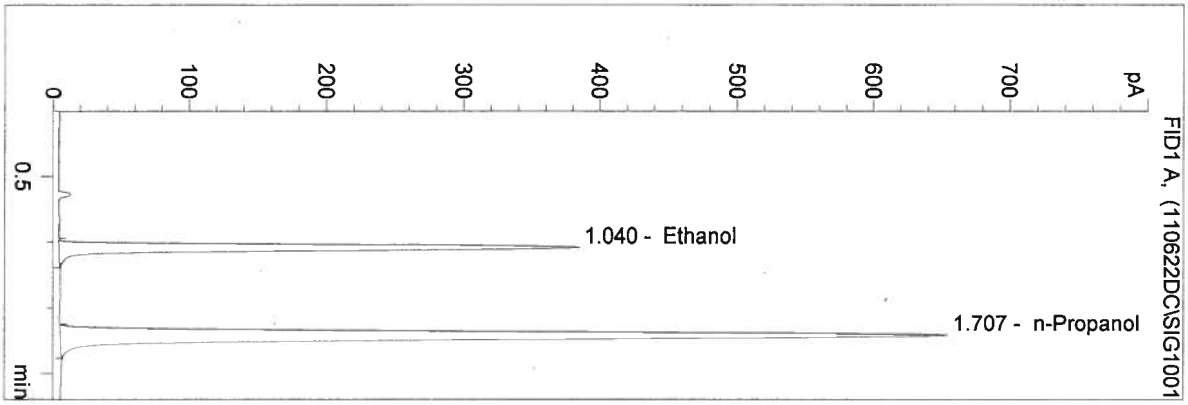
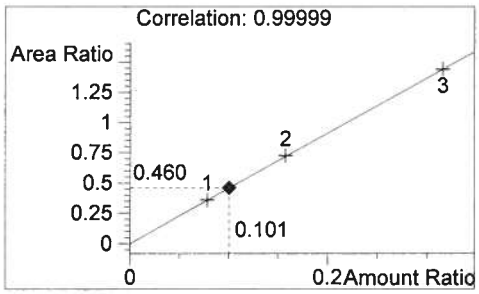
Instrument 1
DB-ALC1

11027 #1
Dawn Cox

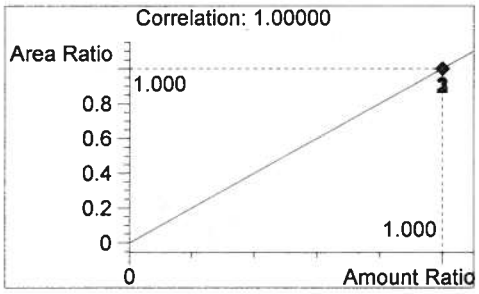
vial # 10



#	Compound	Area	RT
1	Ethanol	1162	1.040
2	n-Propanol	2527	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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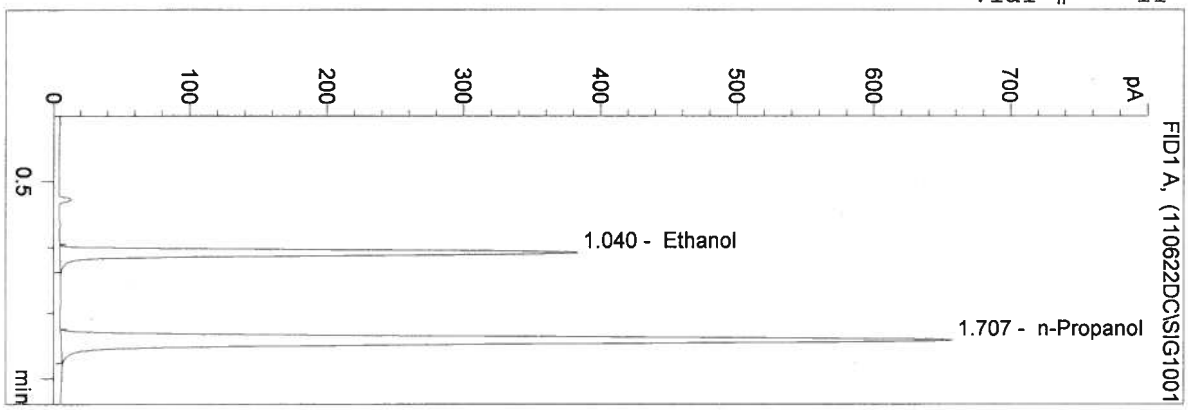
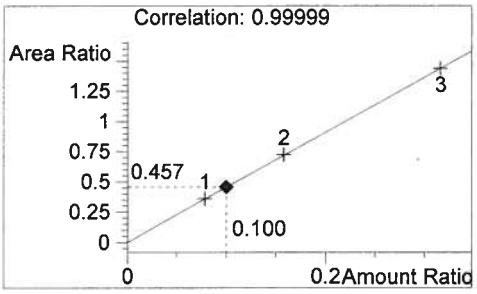
Instrument 1
DB-ALC1

11027 #2
Dawn Cox

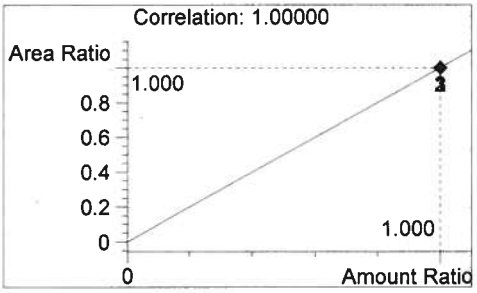
vial # 11



#	Compound	Area	RT
1	Ethanol	1159	1.040
2	n-Propanol	2540	1.707
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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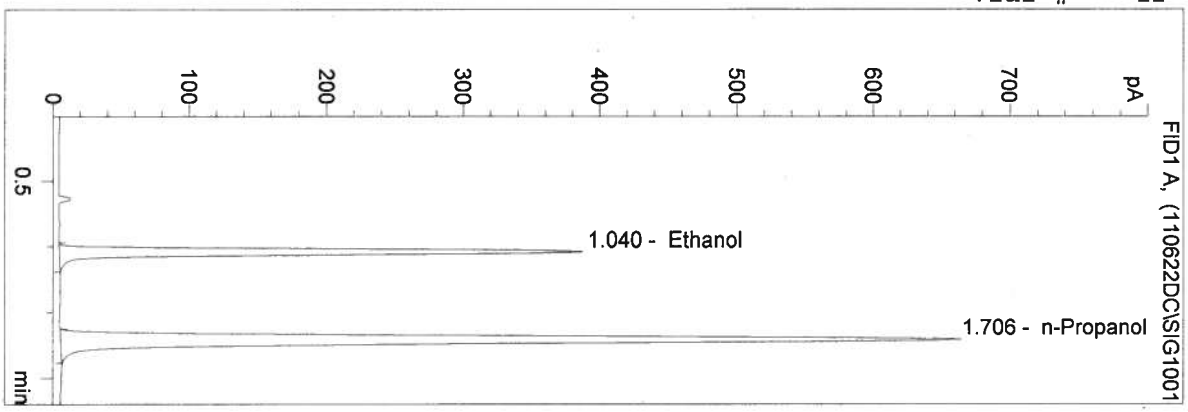
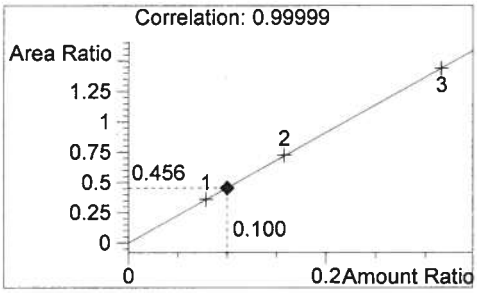
Instrument 1
DB-ALC1

11027 #3
Dawn Cox

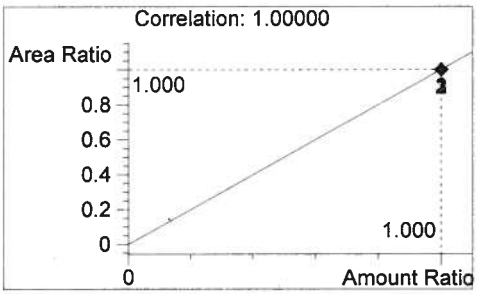
vial # 12



#	Compound	Area	RT
1	Ethanol	1170	1.040
2	n-Propanol	2567	1.706
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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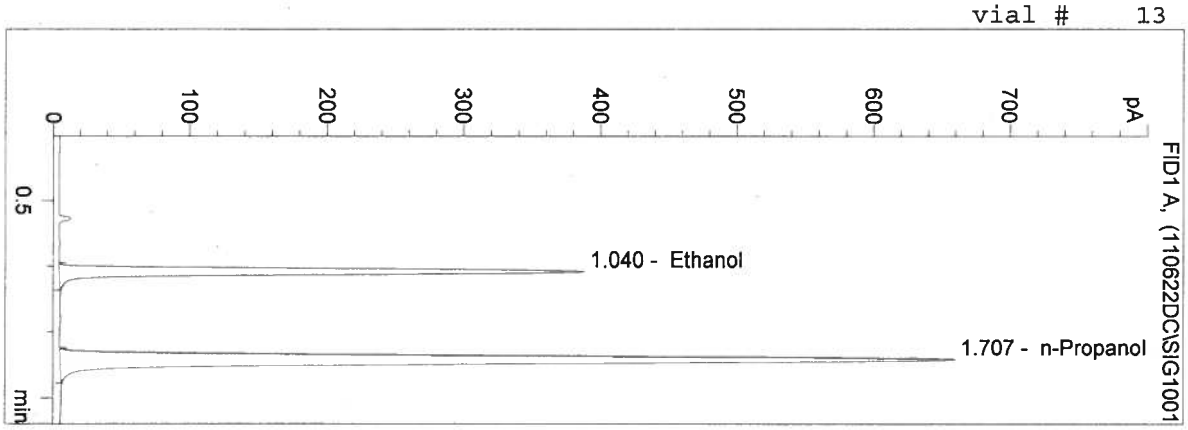
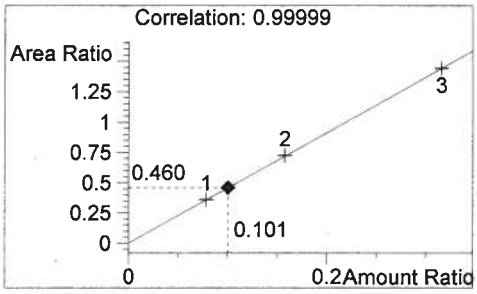
Instrument 1
DB-ALC1

11027 #4
Dawn Cox

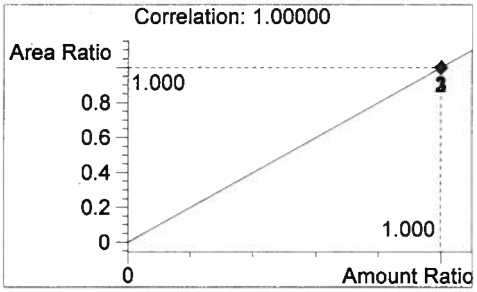
vial # 13



#	Compound	Area	RT
1	Ethanol	1172	1.040
2	n-Propanol	2548	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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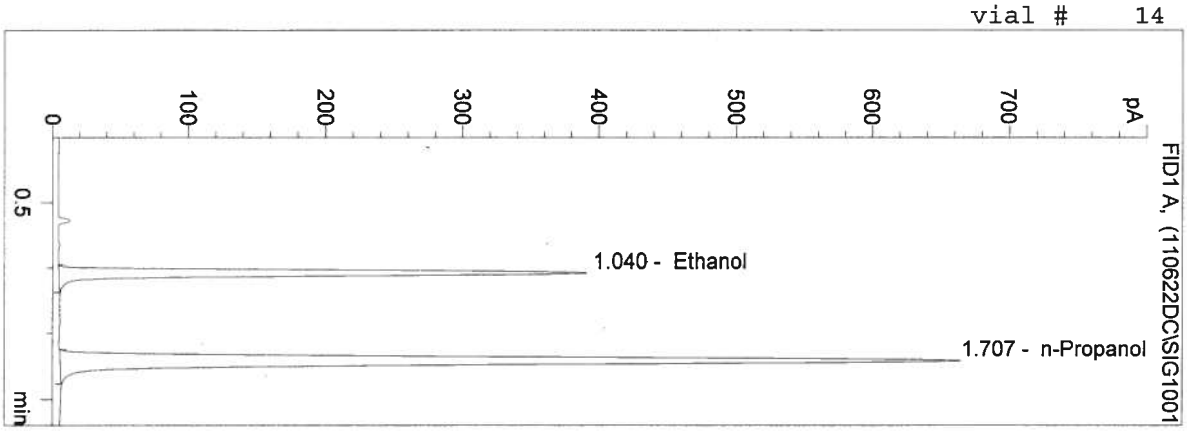
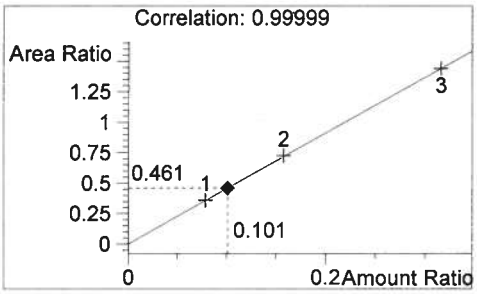
Instrument 1
DB-ALC1

11027 #5
Dawn Cox

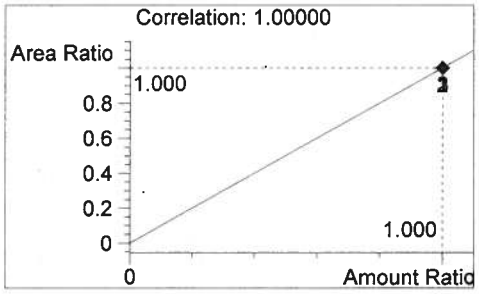
vial # 14



#	Compound	Area	RT
1	Ethanol	1185	1.040
2	n-Propanol	2571	1.707
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

11027

DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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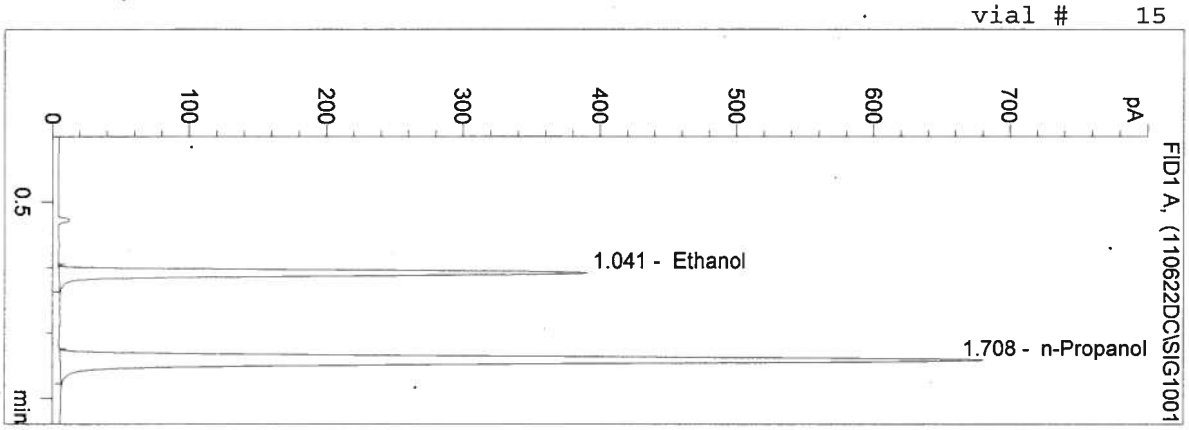
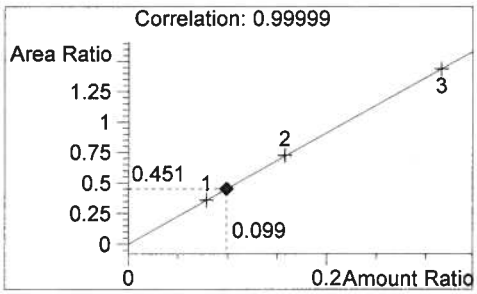
Instrument 1
DB-ALC1

0.10 CTRL-DC
Dawn Cox

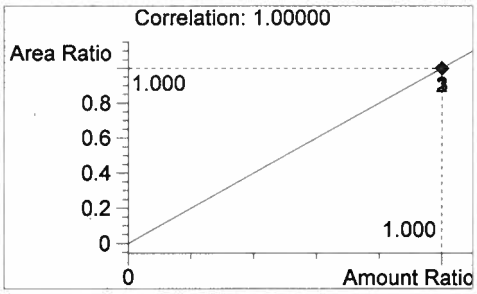
vial # 15



#	Compound	Area	RT
1	Ethanol	1187	1.041
2	n-Propanol	2636	1.708
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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DC

WASHINGTON STATE TOXICOLOGY LABORATORY

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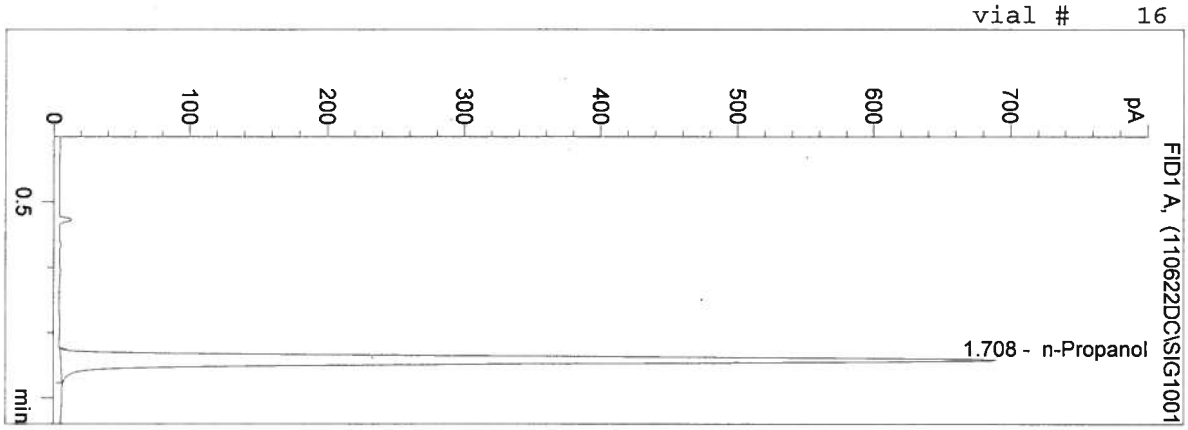
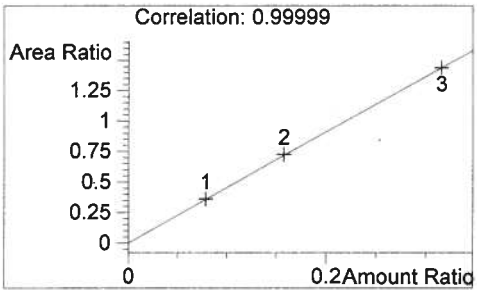
Instrument 1
DB-ALC1

NEG CTRL-DC
Dawn Cox

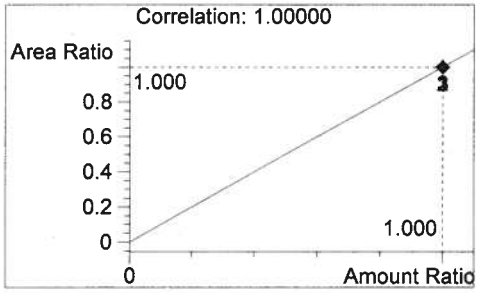
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2669	1.708
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

11027

DC

WSP-TLD	COMBINED SIMULATOR SOLUTION PREPARATION WORKSHEET

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

Preparation Date: 6/13/11 Initials of Preparer: SMS

Expiration Date: 6/13/12

Lot # of 200-proof Ethanol used in preparation: Z+0426

Date the 200-proof Ethanol bottle was opened: SMS 6/13/11 ~~5/10/11~~ 6/13/11

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	☑	11027

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

6/13/11
Date

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

Comments:

Analyst Signature

6/13/11
Date