Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: RANDY VRANISH / ROA GULLBERG Date: 9-24-2010

Location: ROANOKE WSP OFFICE Solution Batch Number: 10040

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

Comments:

Reviewer Signature: R S Gullberg Date: 9-24-2010

Reviewer Signature: [illegible] Date: 9-24-2010

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 10040

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

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

TESTING ITEM INFORMATION
TARGET VAPOR CONCENTRATION: 0.08 g/210L
DATE PREPARED: 09/14/2010
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Sarah Swenson

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

ETHANOL CONTROL INFORMATION
LOT NUMBER: A071132 EXPIRATION: 03/2014 CONCENTRATION: 0.10 g/100mL

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1017 g/100mL
STANDARD DEVIATION: 0.00122
PRECISION CV (%): 1.20
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0827 g/210L**
EXPANDED UNCERTAINTY: ± 0.0036 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

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

9/27/2010
DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
SS	Sarah Swenson		09/14/2010
JLK	Justin L. Knoy		09/14/2010
CM	Christie Mitchell		09/16/2010
BP	Brianna Peterson	Brianna Peterson	09/17/2010
AJL	Asa J. Louis		09/17/2010
CSJ	Christopher S. Johnston		09/17/2010
AB	Amanda Black		09/20/2010
RF	Rebecca Flaherty		09/20/2010

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 #: 10040 **Date Prepared: 9/14/2010**

Analyst:	SS	JLK	CM	BP	AJL	CSJ	AB	RF
Date Tested:	9/14/2010	9/14/2010	9/16/2010	9/17/2010	9/17/2010	9/17/2010	9/20/2010	9/20/2010
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.099	0.102	0.102	0.102	0.101	0.100	0.103	0.103
2	0.099	0.102	0.102	0.102	0.102	0.100	0.103	0.102
3	0.100	0.102	0.102	0.102	0.103	0.100	0.103	0.102
4	0.100	0.103	0.102	0.102	0.103	0.100	0.103	0.103
5	0.100	0.102	0.102	0.102	0.102	0.100	0.103	0.103
C	0.098	0.100	0.100	0.100	0.101	0.099	0.101	0.100

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	CV^2_{Bias}	$CV^2_{Part\ Coef}$
0.0000084100	0.0001447793	0.0000984603	0.0001333333	0.0001016326

Ethanol Control Lot #: A071132
Control Uncertainty (%): 0.29
Maximum (-) Control Bias: 0.002
Maximum (+) Control Bias: 0.001

Average Solution Concentration: 0.1017 g/100mL
Standard Deviation: 0.00122 g/100mL
Precision CV (%): 1.20
Equivalent Vapor Concentration: 0.0827 g/210L
Combined Standard Uncertainty (±): 0.0018 g/210L
Expanded Uncertainty (±): 0.0036 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton Melissa L. Pemberton 9/21/2010
Name Signature Date

Calculations verified by: Rod Gruenberg R L Gruenberg 9-24-2010 Method: Excel
Name Signature Date

Technical review of batch file performed by:

Melissa L. Pemberton Melissa L. Pemberton 9/27/2010
Name Signature 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	AB	9-21-10
Asa Louis	AL	20100922
Brian Capron		
Brianna Peterson	BP	9/21/10
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell	CM	9/21/2010
Christopher Johnston	CJ	9.22.10
Dawn Cox		
Justin Knoy	JK	9.22.10
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	9.23.10
Sarah Swenson	SMS	9/21/10

Batch # 10040

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 10040

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 seven years of experience in forensic toxicology.

The external standard solution, Lot Number 10040, was prepared in the Washington State Toxicology Laboratory on 9/14/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/14/2011.

Seattle, WA

9/21/10

Sarah M. Swenson Date

Forensic Toxicologist

SS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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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 10040

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 10040, was prepared in the Washington State Toxicology Laboratory on 9/14/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/14/2011.

Seattle, WA

Justin L. Knoy 9.22.10

Justin L. Knoy Date
Forensic Toxicologist

JLK/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 10040

I, Christie Mitchell, do certify under penalty of perjury that:

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

I possess the following qualifications: BA degree in Chemistry and MFS degree in Forensic Science.

The external standard solution, Lot Number 10040, was prepared in the Washington State Toxicology Laboratory on 9/14/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/14/2011.

Seattle, WA

Christie Mitchell 9/21/2010

Christie Mitchell Date

Forensic Toxicologist

CM/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 10040

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 10040, was prepared in the Washington State Toxicology Laboratory on 9/14/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/14/2011.

Seattle, WA

Brianna Peterson 9/21/10

Brianna Peterson Date

Forensic Toxicologist

BP/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 10040

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 10040, was prepared in the Washington State Toxicology Laboratory on 9/14/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/14/2011.

Seattle, WA

20100922

Asa J. Louis — Date

Forensic Toxicologist

AJL/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 10040

I, Amanda M. Black, 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 Chemistry and Veterinary Science.

The external standard solution, Lot Number 10040, was prepared in the Washington State Toxicology Laboratory on 9/14/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/14/2011.

Seattle, WA

9-21-10

Amanda M. Black — Date

Forensic Toxicologist

AB/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 10040

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 10040, was prepared in the Washington State Toxicology Laboratory on 9/14/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/14/2011.

Seattle, WA

9/23/10

Rebecca Flaherty — Date

Forensic Toxicologist

RF/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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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 10040

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

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

I possess the following qualifications: BS degree in Biochemistry.

The external standard solution, Lot Number 10040, was prepared in the Washington State Toxicology Laboratory on 9/14/2010. I examined and tested this solution. It was found to conform to those standards established by the state toxicologist for the certification of simulator solution. It should not be used for evidential breath tests after 9/14/2011.

Seattle, WA

9/22/2010

Christopher S. Johnston — Date
Forensic Toxicologist

CSJ/ik

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

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:	10914SS
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A068379 - exp 10/2013
0.10 Control - Lot # A071132 - exp 03/2014
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	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-SS	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-SS	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-SS	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-SS	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-SS	SIMALC	1	Ctrl Samp		
10	Vial 10	10040 #1	SIMALC	1	Sample		
11	Vial 11	10040 #2	SIMALC	1	Sample		
12	Vial 12	10040 #3	SIMALC	1	Sample		
13	Vial 13	10040 #4	SIMALC	1	Sample		
14	Vial 14	10040 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-SS	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-SS	SIMALC	1	Ctrl Samp		

Calibration Part:

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

SMS
10040

Sequence Table (Back Injector):

No entries - empty table!

10040

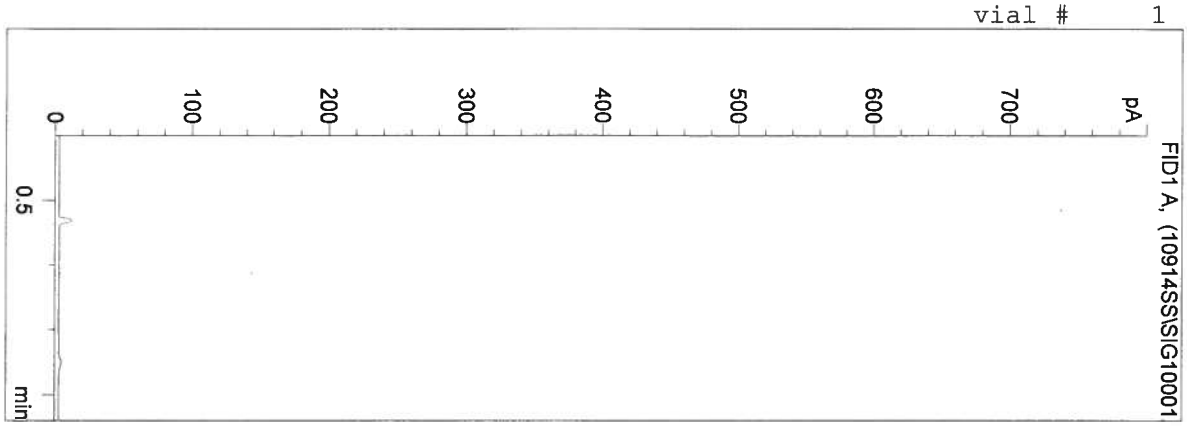
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

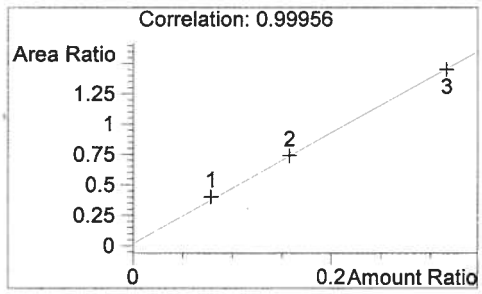
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 1:09:41 PM
Instrument 1
DB ALC 1

BLANK-SS
Sarah Swenson

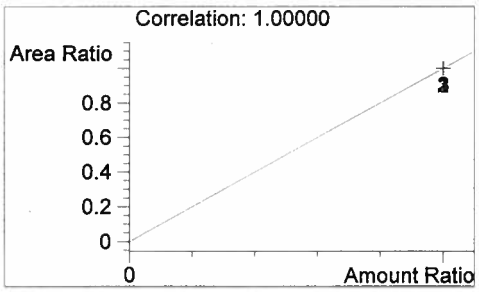
vial # 1



#	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

10040

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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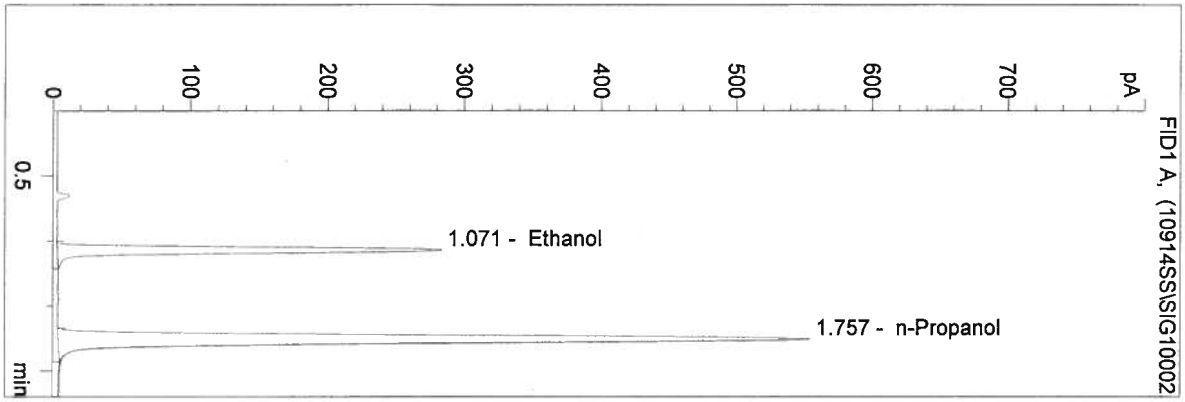
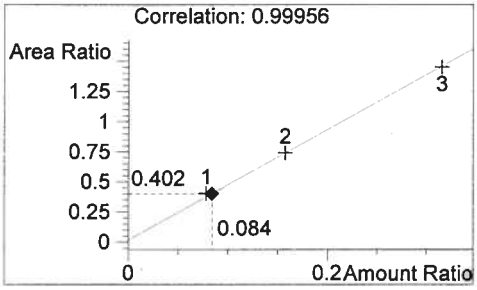
9/14/2010 1:12:46 PM
Instrument 1
DB ALC 1

0.079 CAL 1
Sarah Swenson

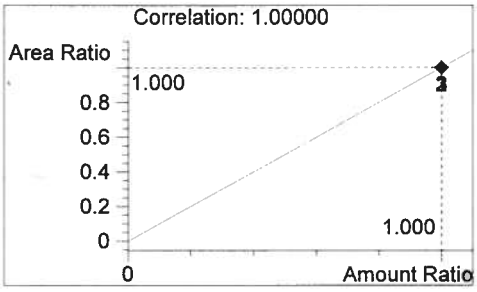
vial # 2



#	Compound	Area	RT
1	Ethanol	875	1.071
2	n-Propanol	2178	1.757
Tot			



Ethanol 0.084 g/100 mL



n-Propanol 1.000 g/100 mL

10040

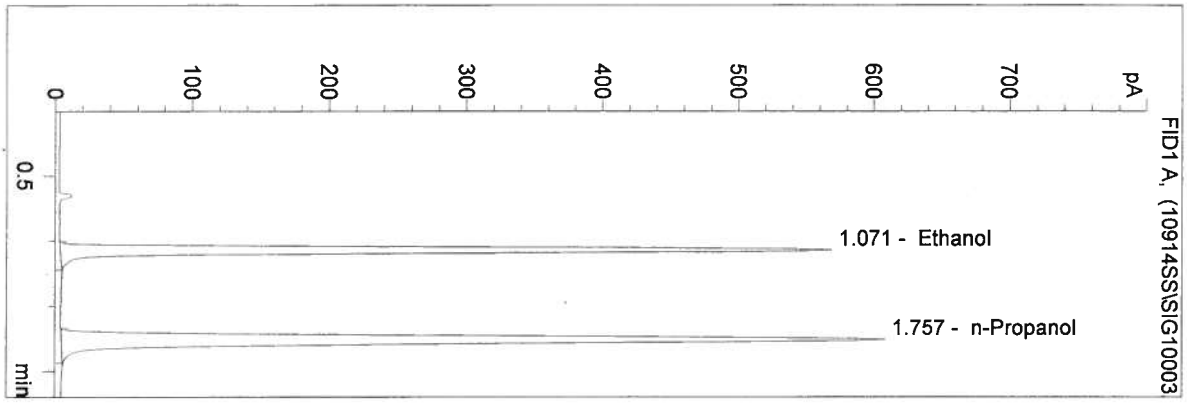
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

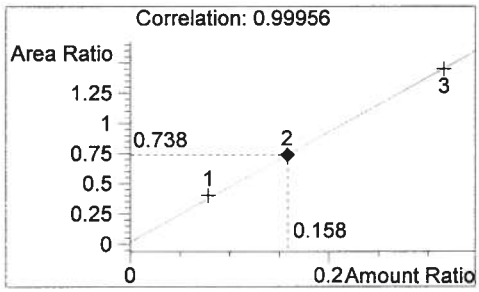
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 1:15:50 PM
Instrument 1
DB ALC 1

0.158 CAL 2
Sarah Swenson

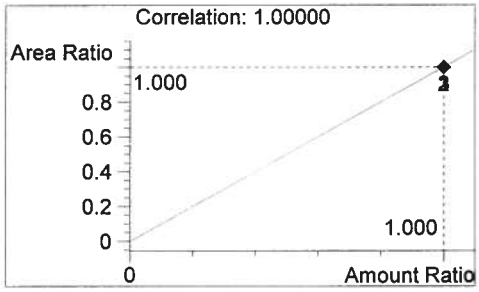
vial # 3



#	Compound	Area	RT
1	Ethanol	1772	1.071
2	n-Propanol	2400	1.757
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

10040

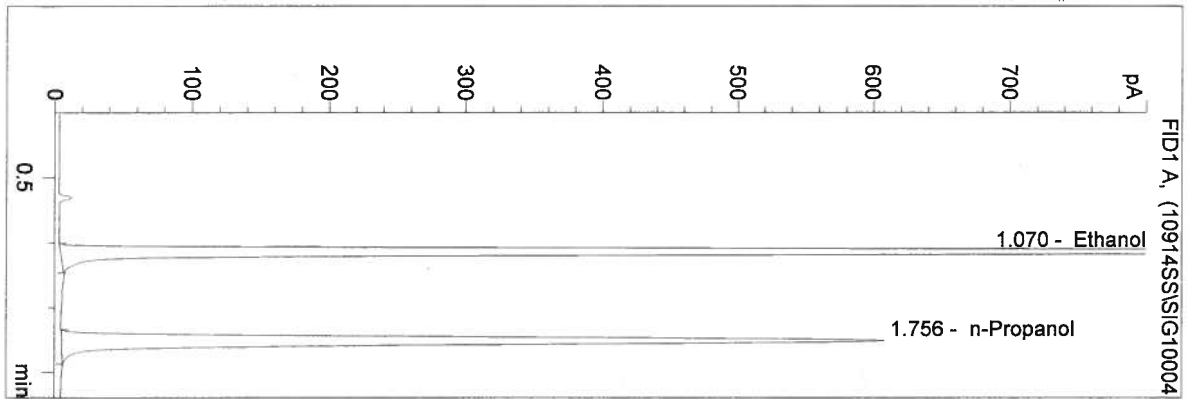
SLS

WASHINGTON STATE TOXICOLOGY LABORATORY

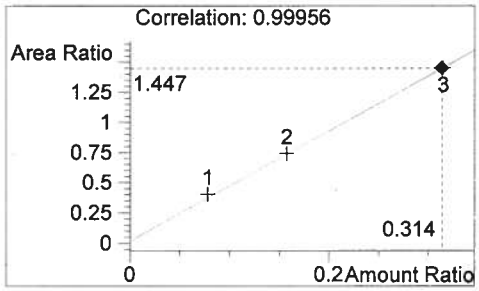
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 1:18:55 PM
Instrument 1
DB ALC 1

0.316 CAL 3
Sarah Swenson

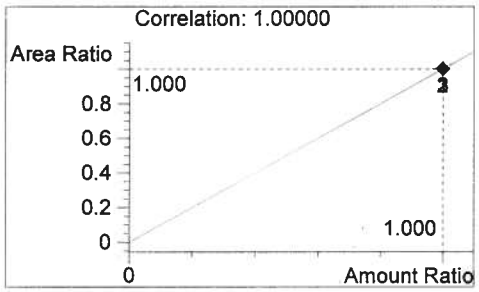
vial # 4



#	Compound	Area	RT
1	Ethanol	3452	1.070
2	n-Propanol	2386	1.756
Tot			



Ethanol 0.314 g/100 mL



n-Propanol 1.000 g/100 mL

10040

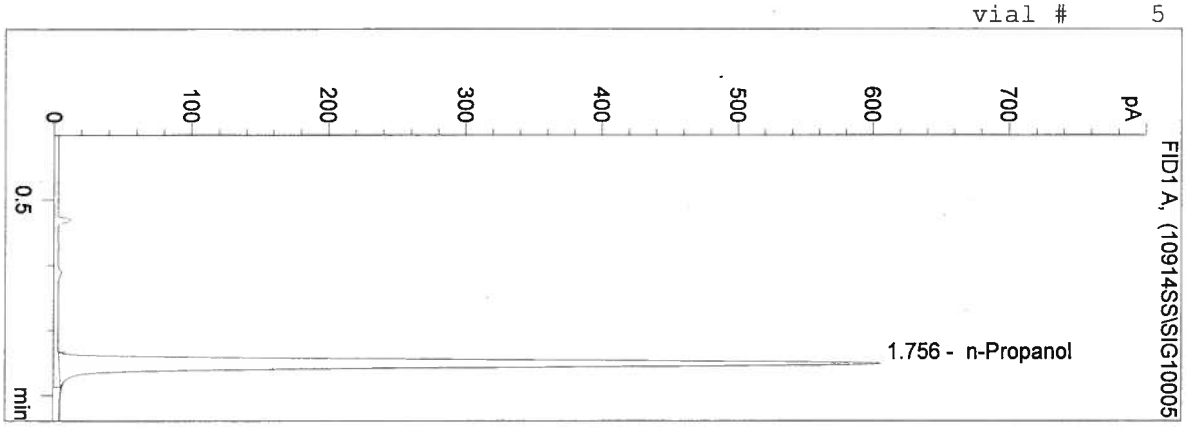
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

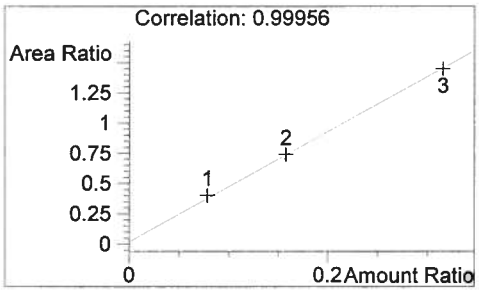
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 1:22:00 PM
Instrument 1
DB ALC 1

NEG CTRL-SS
Sarah Swenson

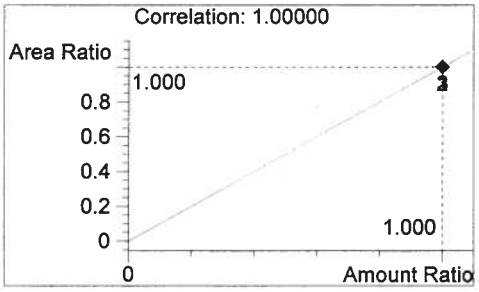
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2381	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

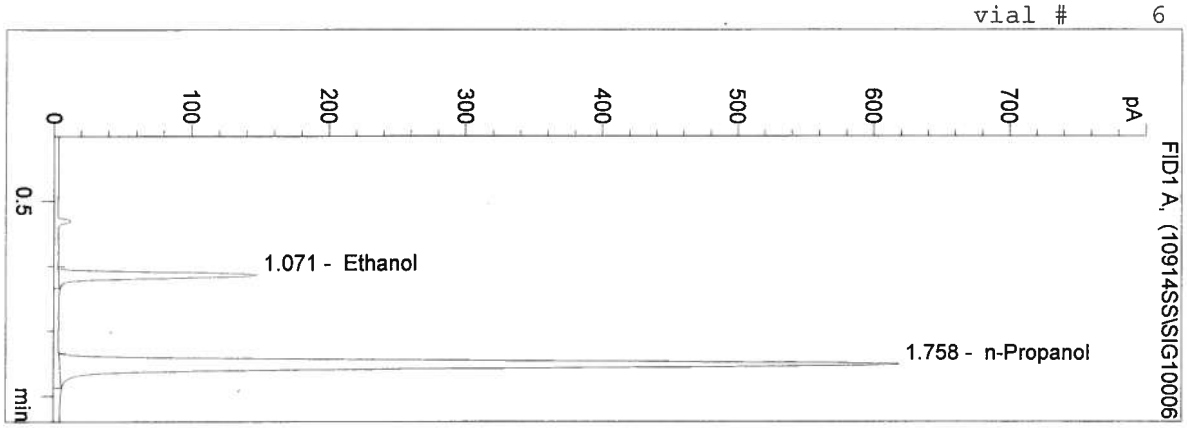
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

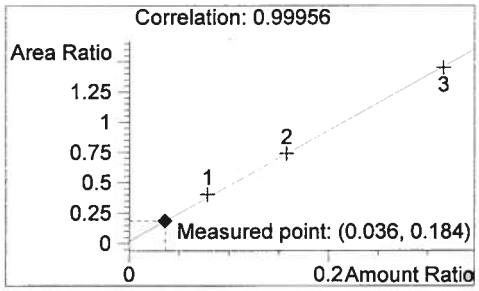
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 1:25:05 PM
Instrument 1
DB ALC 1

0.04 CTRL-SS
Sarah Swenson

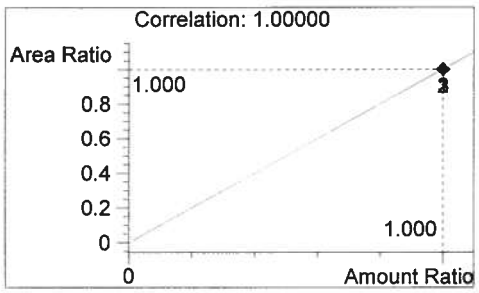
vial # 6



#	Compound	Area	RT
1	Ethanol	449	1.071
2	n-Propanol	2443	1.758
Tot			



Ethanol 0.036 g/100 mL



n-Propanol 1.000 g/100 mL

10040

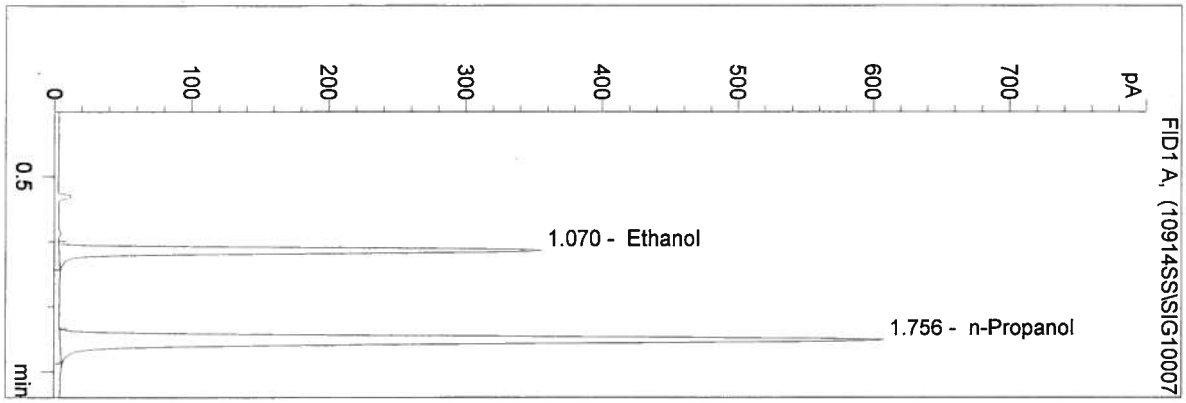
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

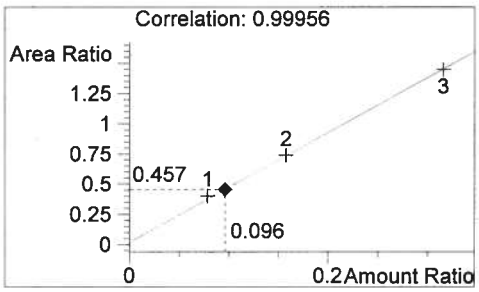
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 1:28:09 PM
Instrument 1
DB ALC 1

0.10 CTRL-SS
Sarah Swenson

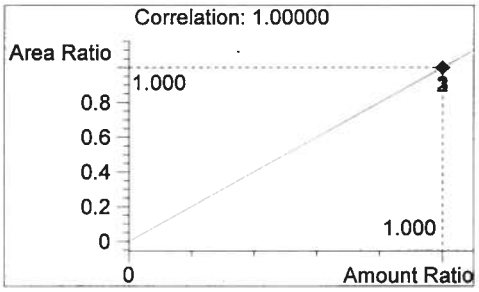
vial # 7



#	Compound	Area	RT
1	Ethanol	1091	1.070
2	n-Propanol	2388	1.756
Tot			



Ethanol 0.096 g/100 mL



n-Propanol 1.000 g/100 mL

10040

SMS

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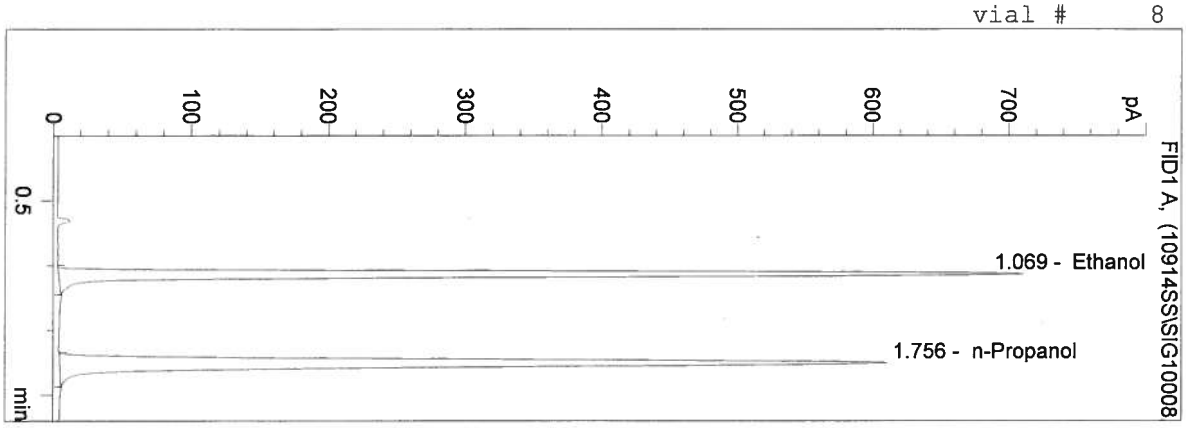
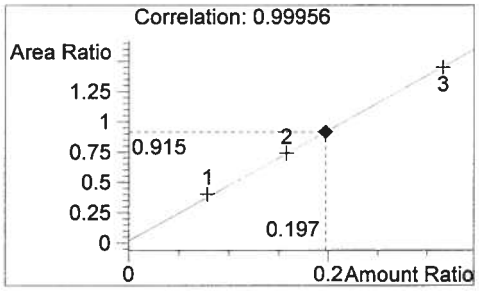
9/14/2010 1:31:14 PM
Instrument 1
DB ALC 1

0.20 CTRL-SS
Sarah Swenson

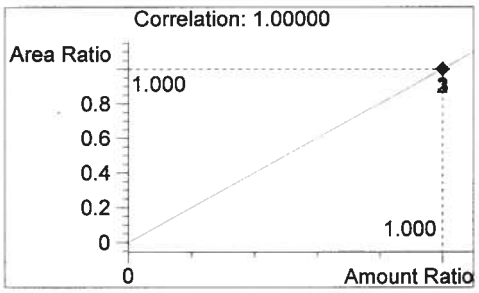
vial # 8



#	Compound	Area	RT
1	Ethanol	2189	1.069
2	n-Propanol	2393	1.756
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

10040

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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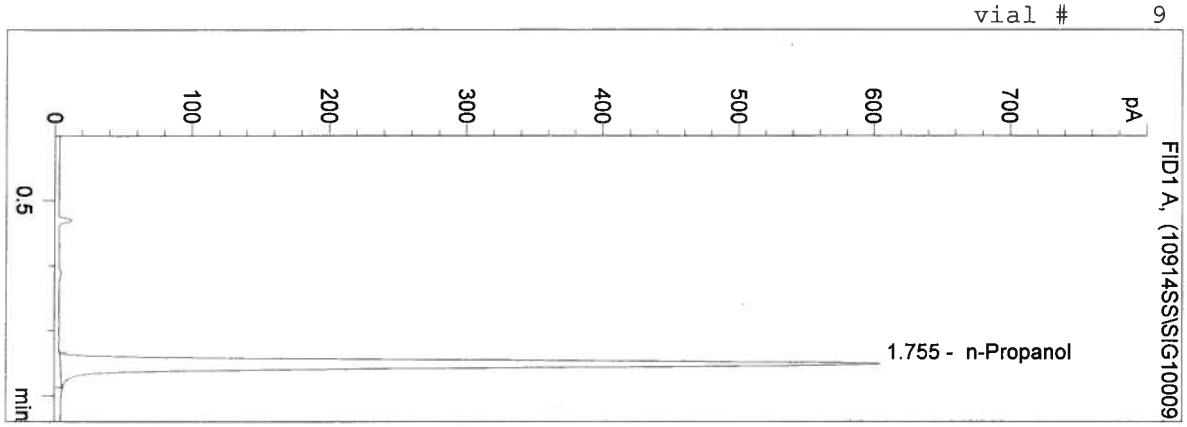
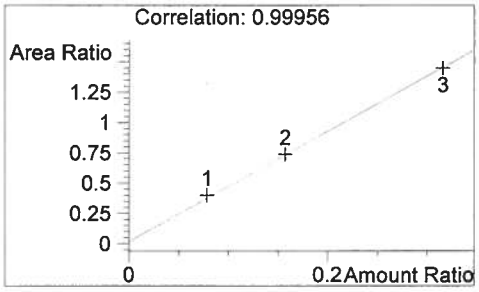
9/14/2010 1:34:19 PM
Instrument 1
DB ALC 1

NEG CTRL-SS
Sarah Swenson

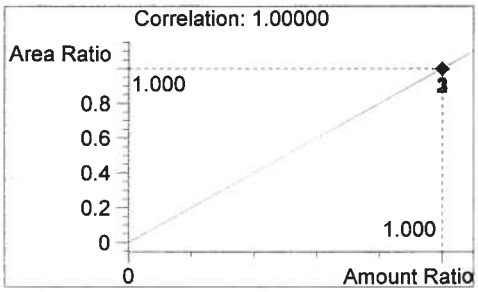
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2380	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

SMS

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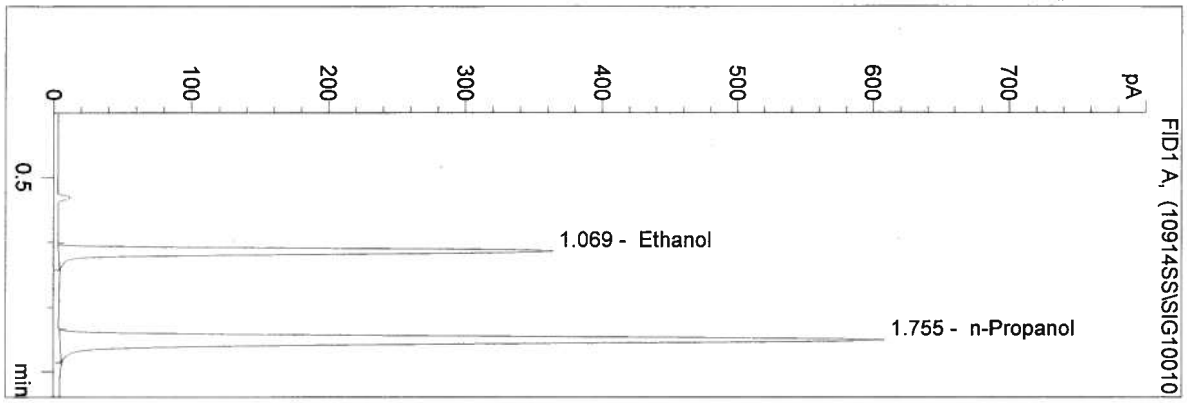
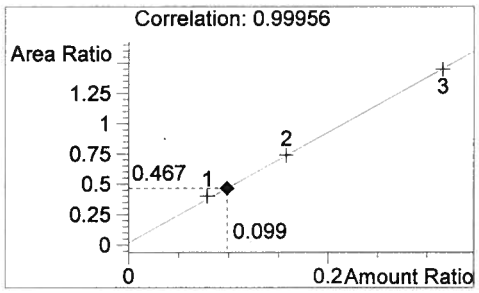
9/14/2010 1:37:23 PM
Instrument 1
DB ALC 1

10040 #1
Sarah Swenson

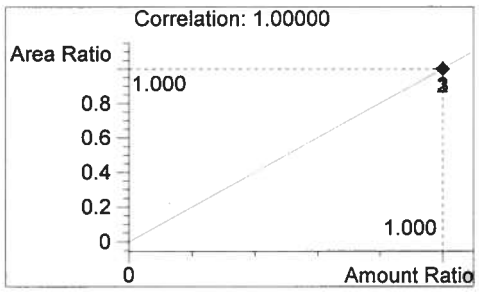
vial # 10



#	Compound	Area	RT
1	Ethanol	1113	1.069
2	n-Propanol	2382	1.755
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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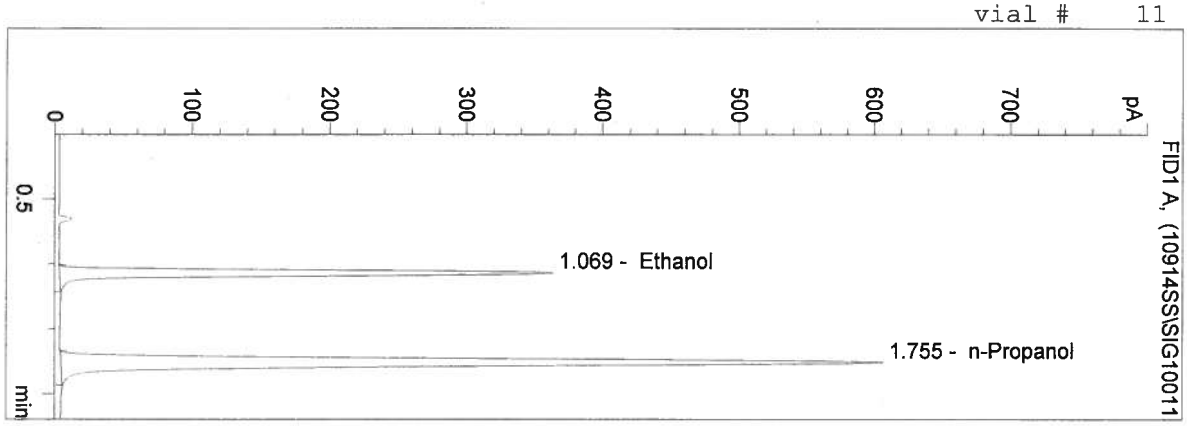
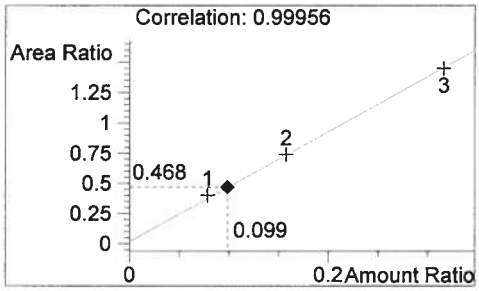
Instrument 1
DB ALC 1

10040 #2
Sarah Swenson

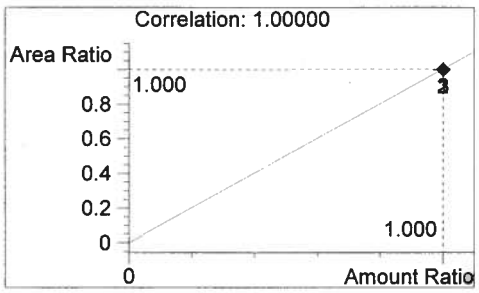
vial # 11



#	Compound	Area	RT
1	Ethanol	1115	1.069
2	n-Propanol	2381	1.755
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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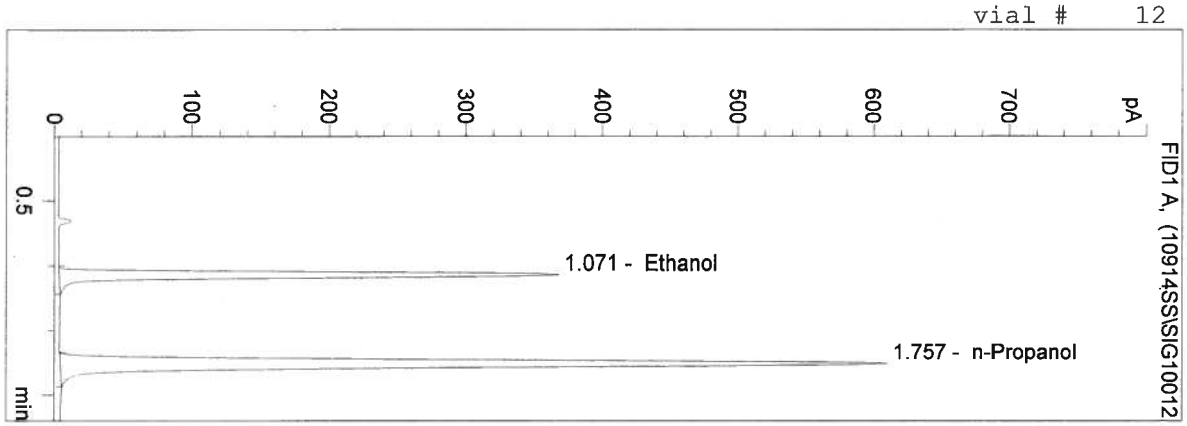
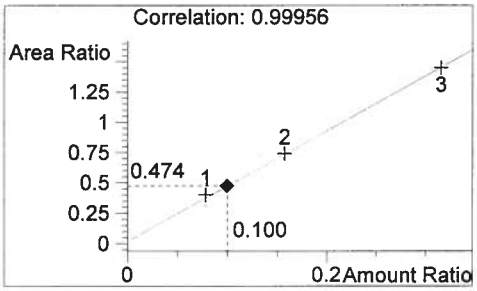
Instrument 1
DB ALC 1

10040 #3
Sarah Swenson

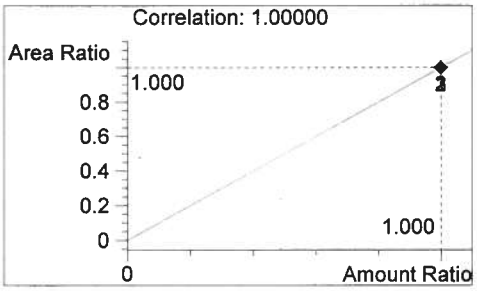
vial # 12



#	Compound	Area	RT
1	Ethanol	1135	1.071
2	n-Propanol	2397	1.757
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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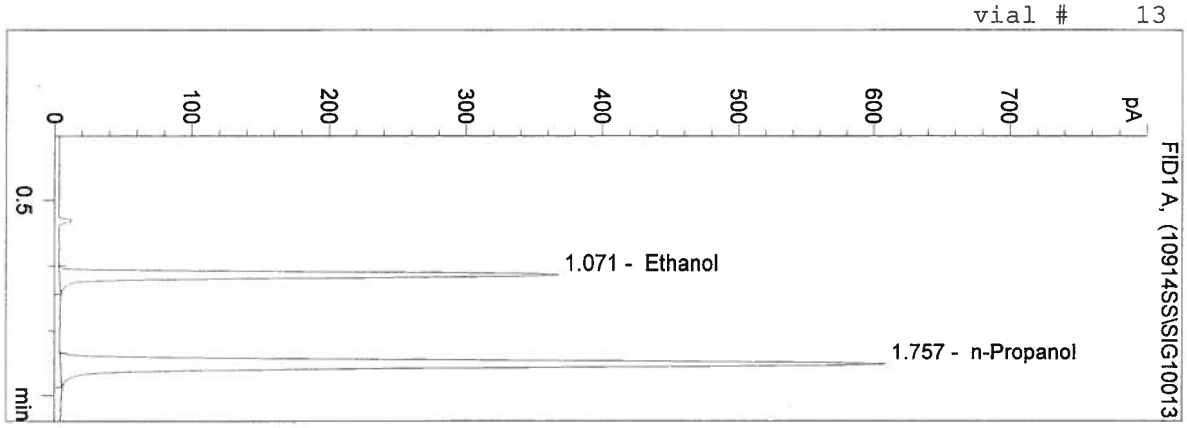
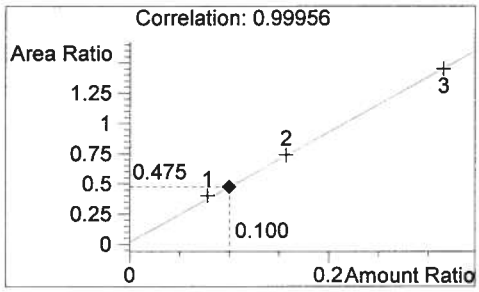
Instrument 1
DB ALC 1

10040 #4
Sarah Swenson

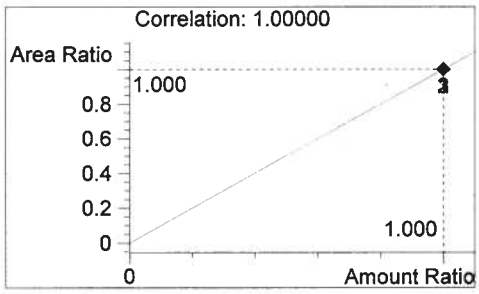
vial # 13



#	Compound	Area	RT
1	Ethanol	1136	1.071
2	n-Propanol	2392	1.757
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

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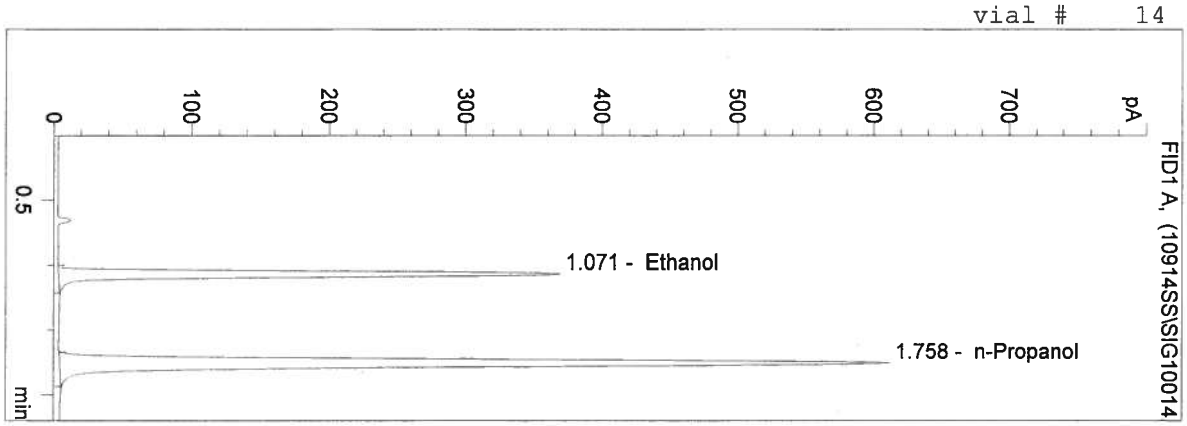
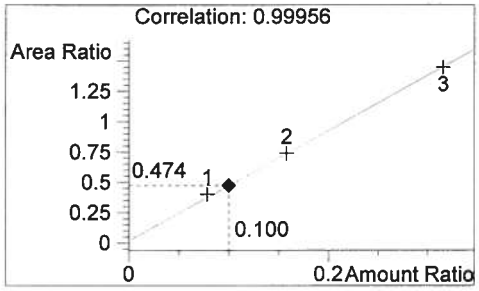
Instrument 1
DB ALC 1

10040 #5
Sarah Swenson

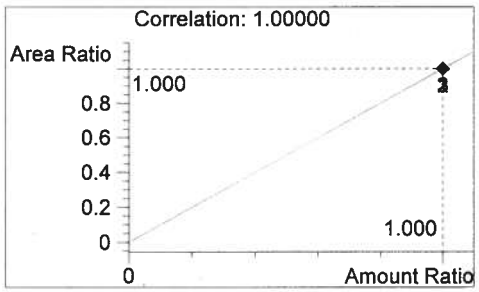
vial # 14



#	Compound	Area	RT
1	Ethanol	1140	1.071
2	n-Propanol	2403	1.758
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

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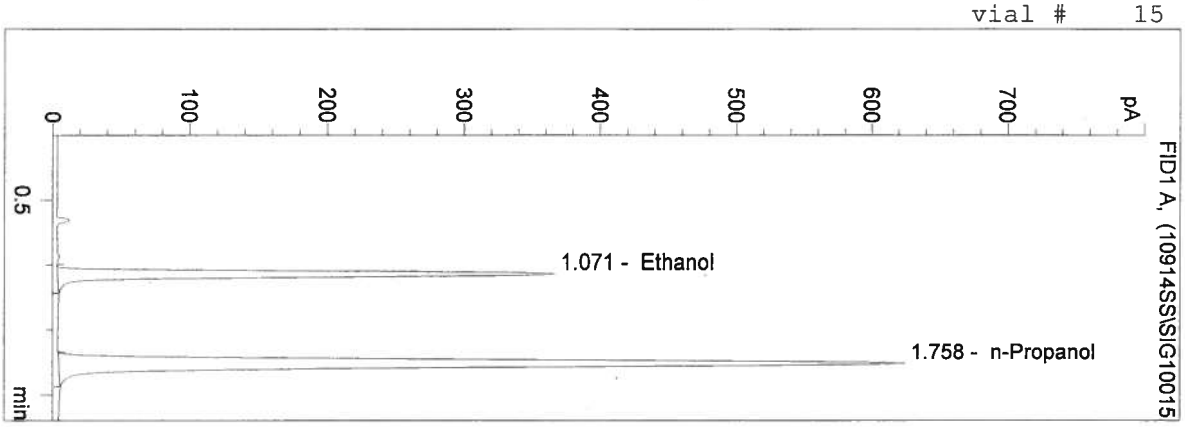
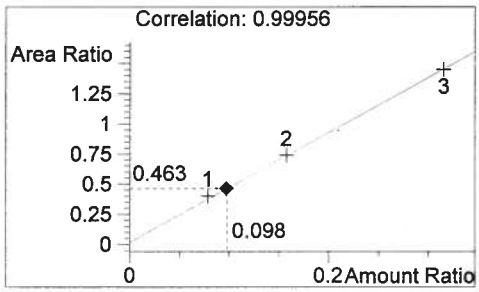
9/14/2010 1:52:47 PM
Instrument 1
DB ALC 1

0.10 CTRL-SS
Sarah Swenson

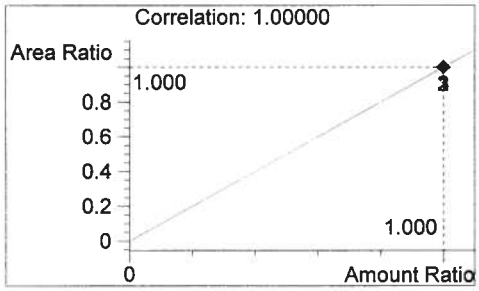
vial # 15



#	Compound	Area	RT
1	Ethanol	1141	1.071
2	n-Propanol	2465	1.758
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

E10040

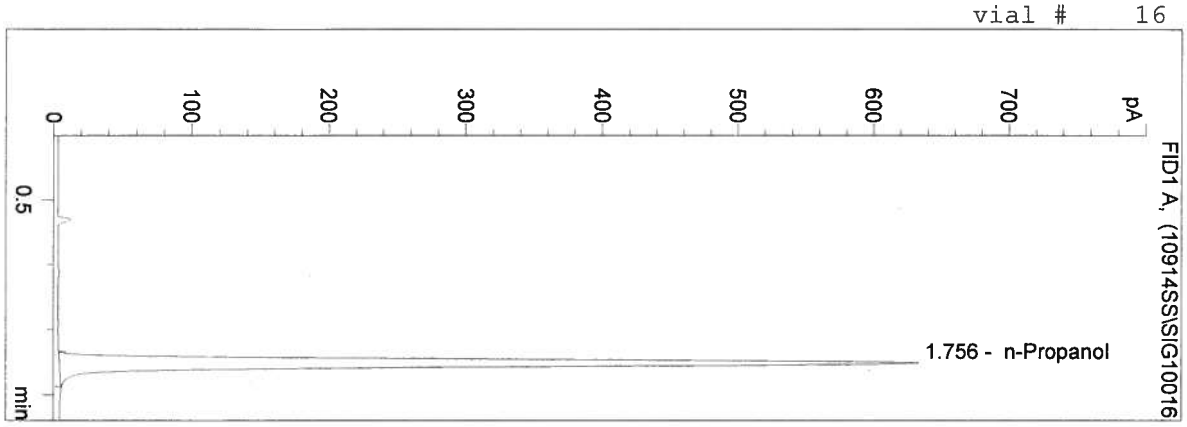
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

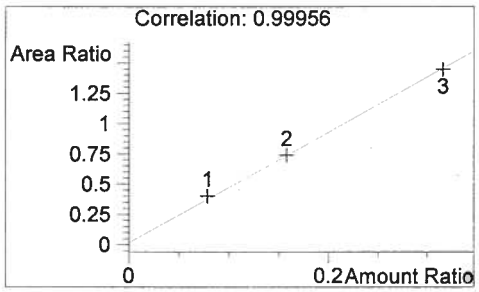
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 1:55:52 PM
Instrument 1
DB ALC 1

NEG CTRL-SS
Sarah Swenson

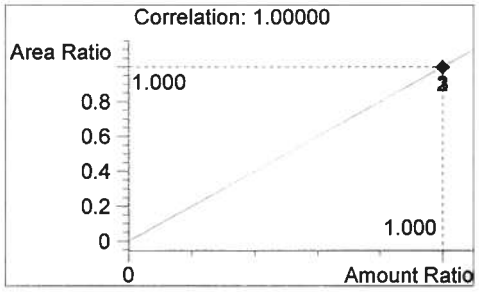
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2493	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

E10040

SMS

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

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:	100914JU
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot #A068379 - Exp. 10/2013
0.10 Control - Lot #A071132 - Exp. 03/2014
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	SIMALC	1	Sample		
2	Vial 2	0.079 CAL	SIMALC	1	Calib		
3	Vial 3	0.158 CAL	SIMALC	1	Calib		
4	Vial 4	0.316 CAL	SIMALC	1	Calib		
5	Vial 5	NEG CTRL JK	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL JK	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL JK	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL JK	SIMALC	1	Ctrl Samp		
10	Vial 10	10040-1	SIMALC	1	Sample		
11	Vial 11	10040-2	SIMALC	1	Sample		
12	Vial 12	10040-3	SIMALC	1	Sample		
13	Vial 13	10040-4	SIMALC	1	Sample		
14	Vial 14	10040-5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL JK	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL JK	SIMALC	1	Ctrl Samp		

Calibration Part:

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

10040

Sequence Table (Back Injector):

No entries - empty table!

10040

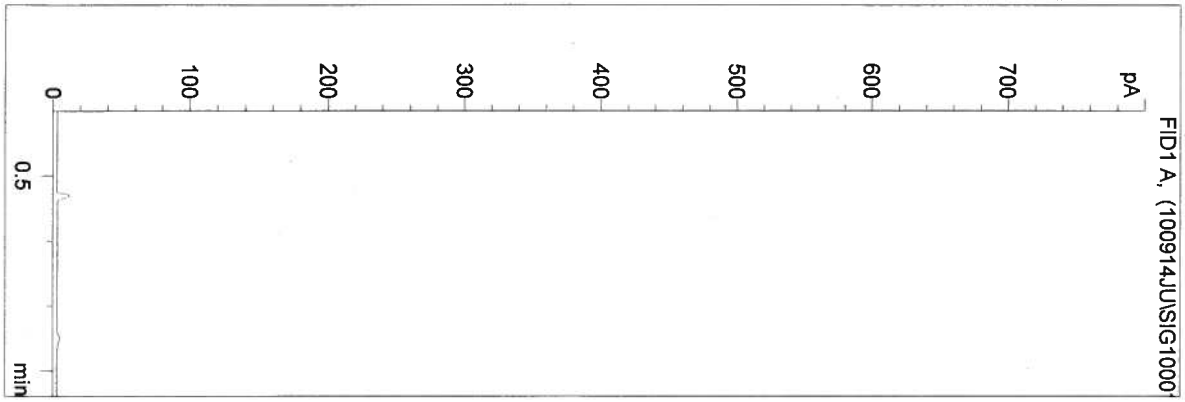
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

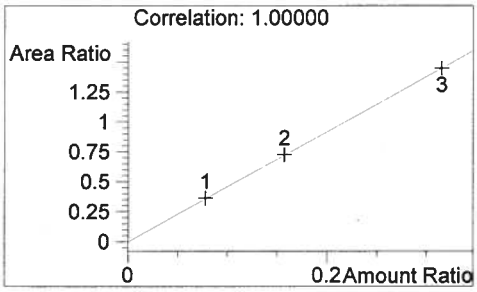
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 5:49:41 PM
Instrument 1
DB ALC 1

BLANK
Justin Knoy

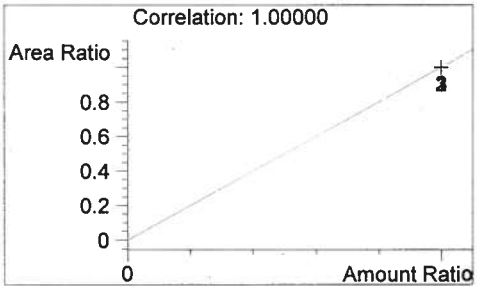
vial # 1



#	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

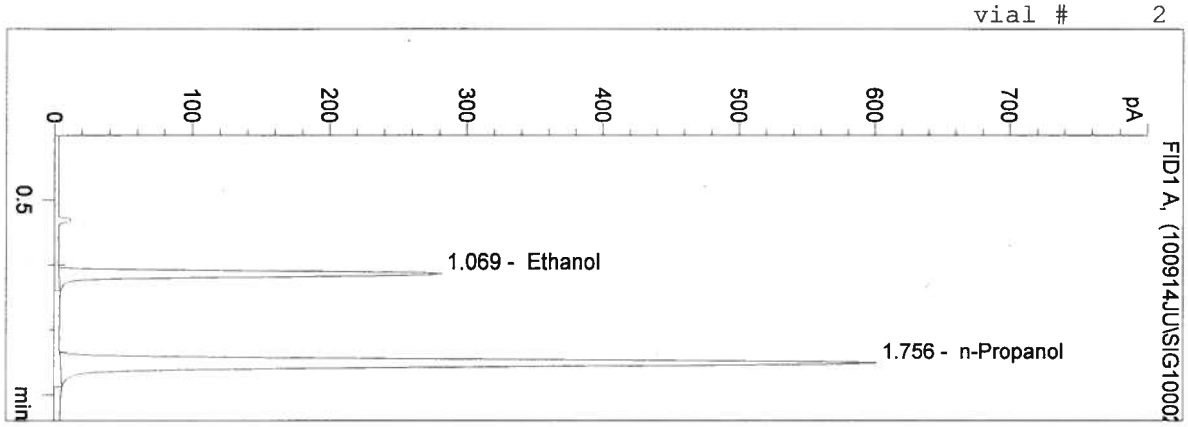
E10040

WASHINGTON STATE TOXICOLOGY LABORATORY

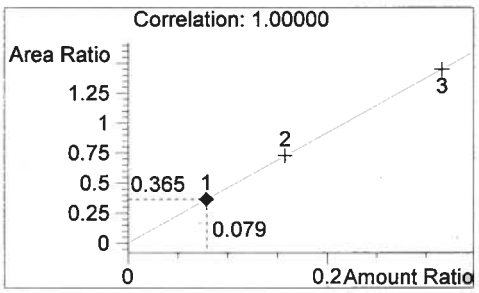
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 5:52:46 PM
Instrument 1
DB ALC 1

0.079 CAL
Justin Knoy

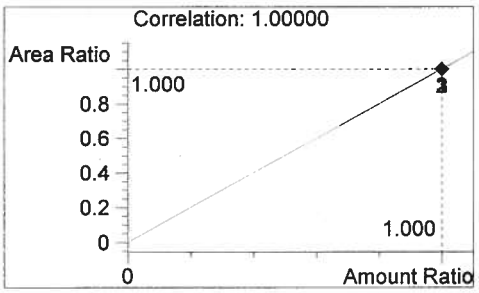
vial # 2



#	Compound	Area	RT
1	Ethanol	860	1.069
2	n-Propanol	2358	1.756
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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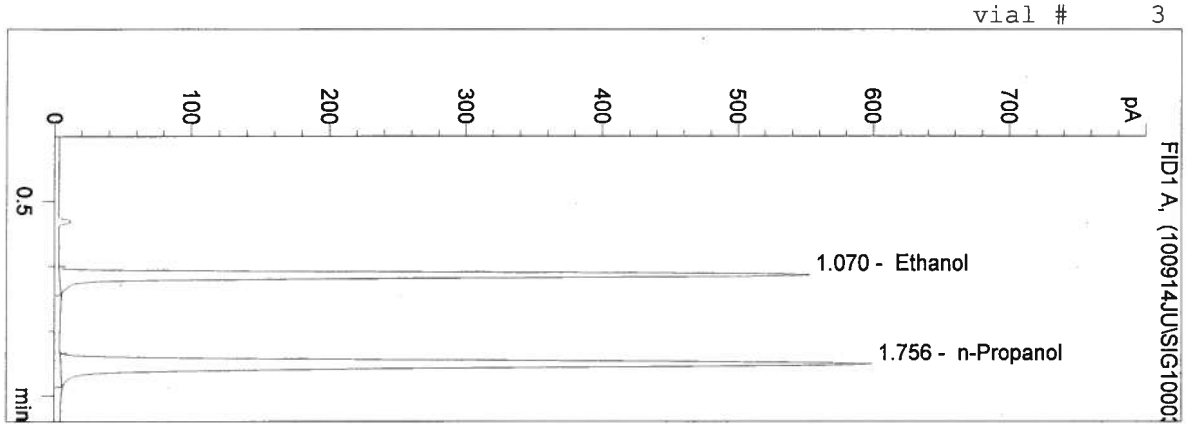
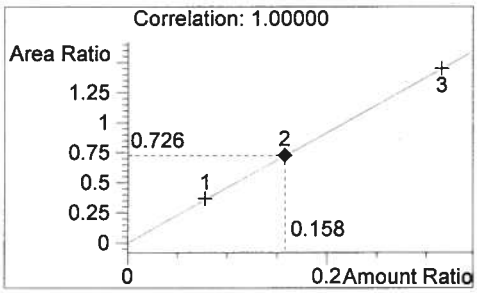
9/14/2010 5:55:50 PM
Instrument 1
DB ALC 1

0.158 CAL
Justin Knoy

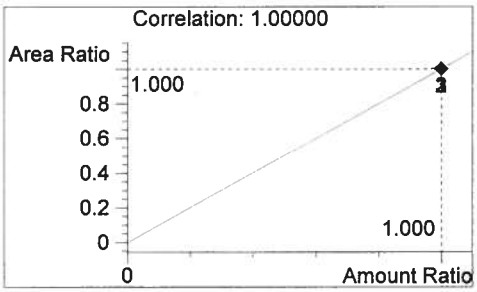
vial # 3



#	Compound	Area	RT
1	Ethanol	1708	1.070
2	n-Propanol	2353	1.756
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

10040

JK

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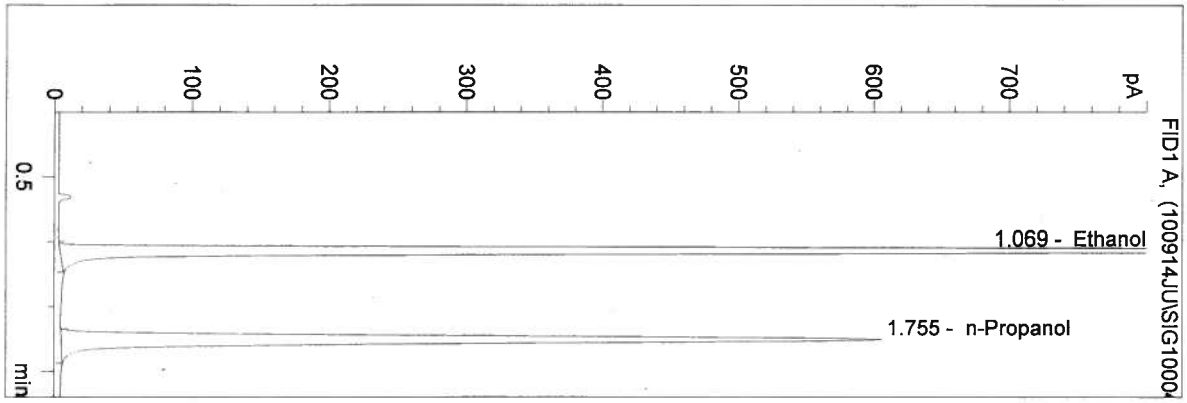
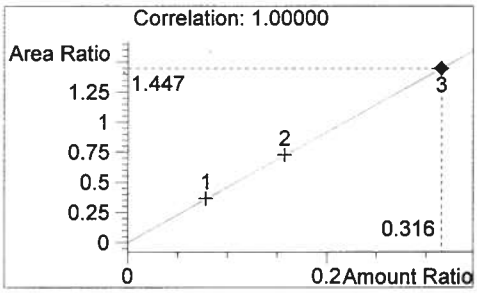
9/14/2010 5:58:55 PM
Instrument 1
DB ALC 1

0.316 CAL
Justin Knoy

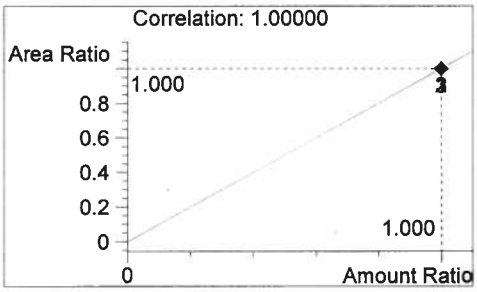
vial # 4



#	Compound	Area	RT
1	Ethanol	3435	1.069
2	n-Propanol	2374	1.755
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

#10040

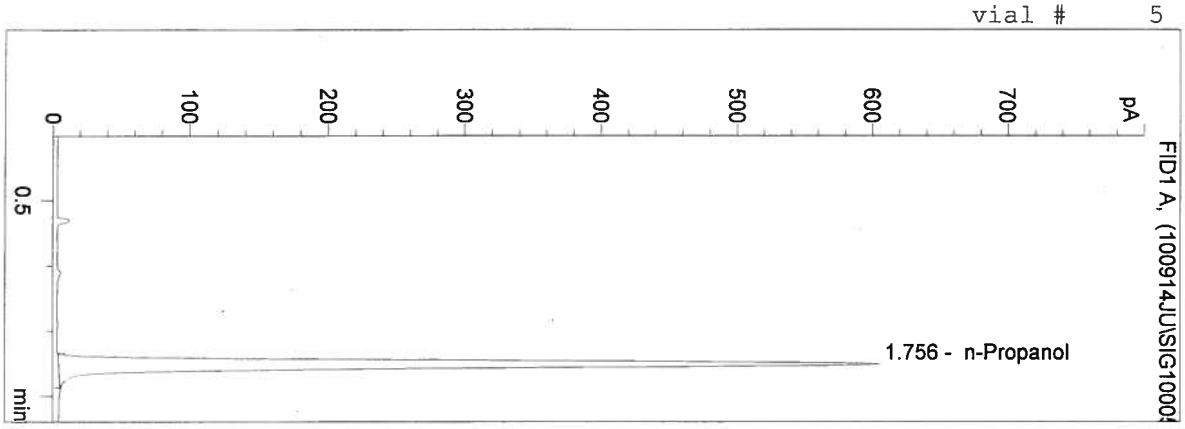
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

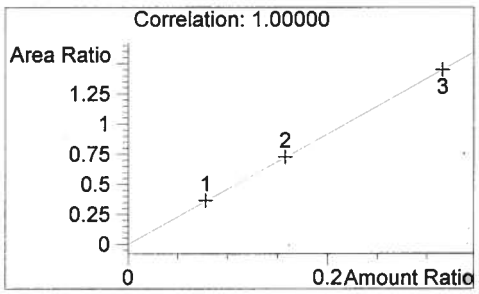
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 6:02:00 PM
Instrument 1
DB ALC 1

NEG CTRL JK
Justin Knoy

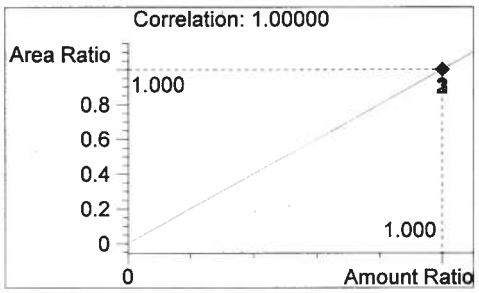
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2376	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

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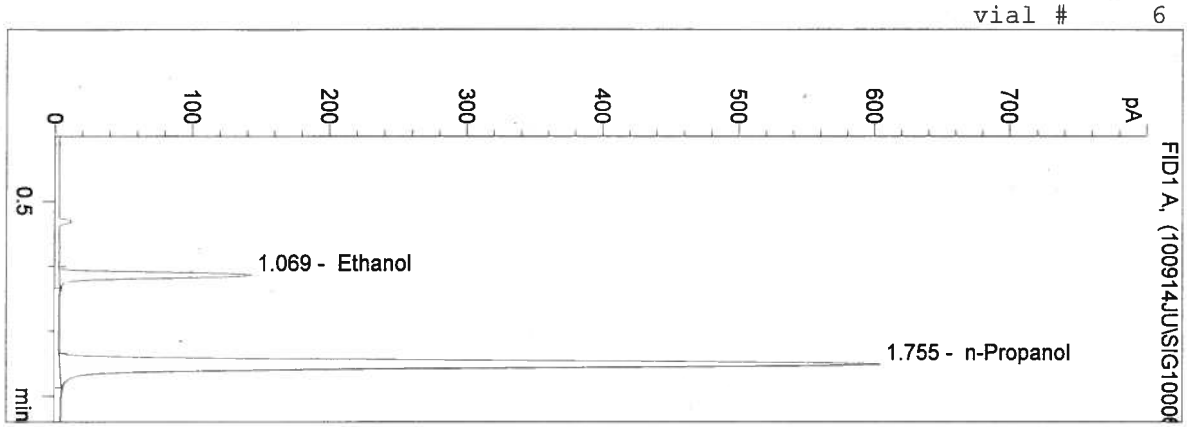
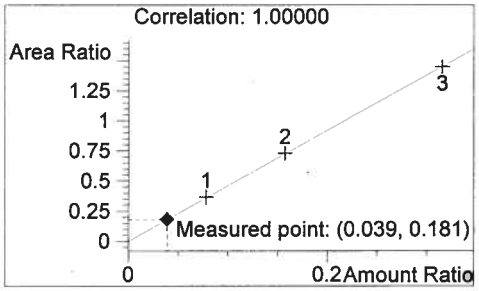
9/14/2010 6:05:05 PM
Instrument 1
DB ALC 1

0.04 CTRL JK
Justin Knoy

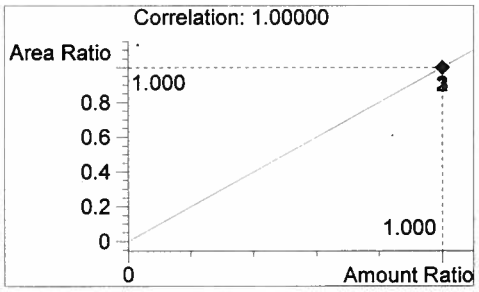
vial # 6



#	Compound	Area	RT
1	Ethanol	430	1.069
2	n-Propanol	2375	1.755
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

10040

JK

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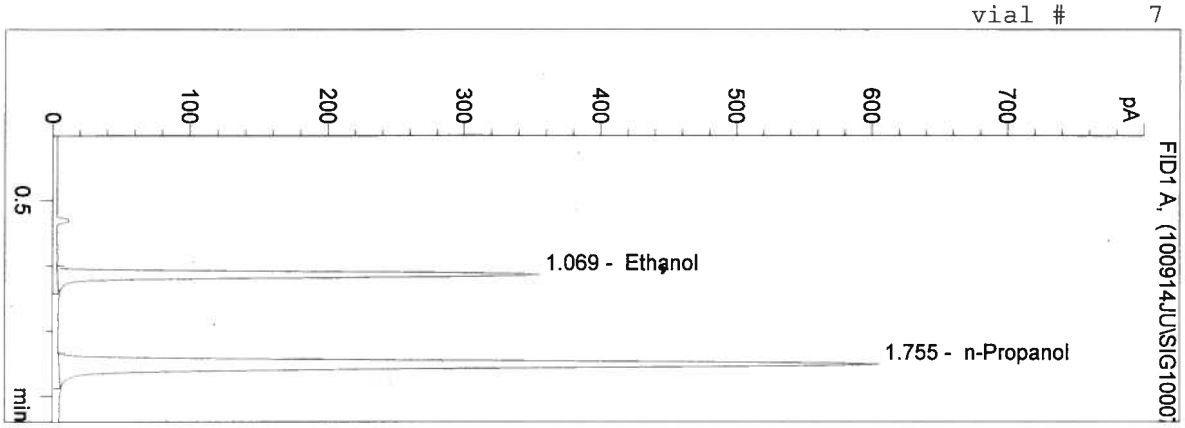
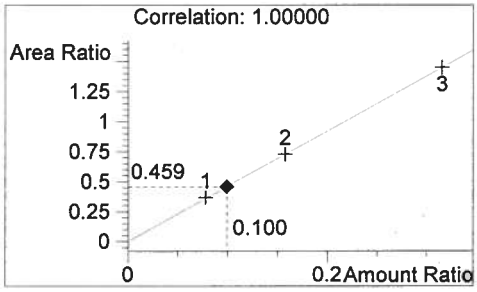
9/14/2010 6:08:10 PM
Instrument 1
DB ALC 1

0.10 CTRL JK
Justin Knoy

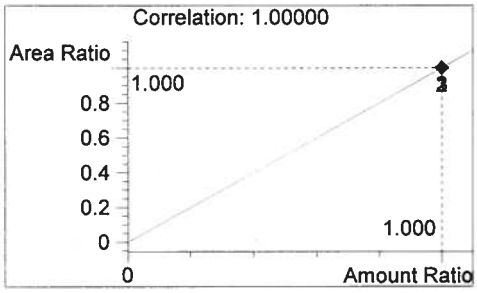
vial # 7



#	Compound	Area	RT
1	Ethanol	1088	1.069
2	n-Propanol	2372	1.755
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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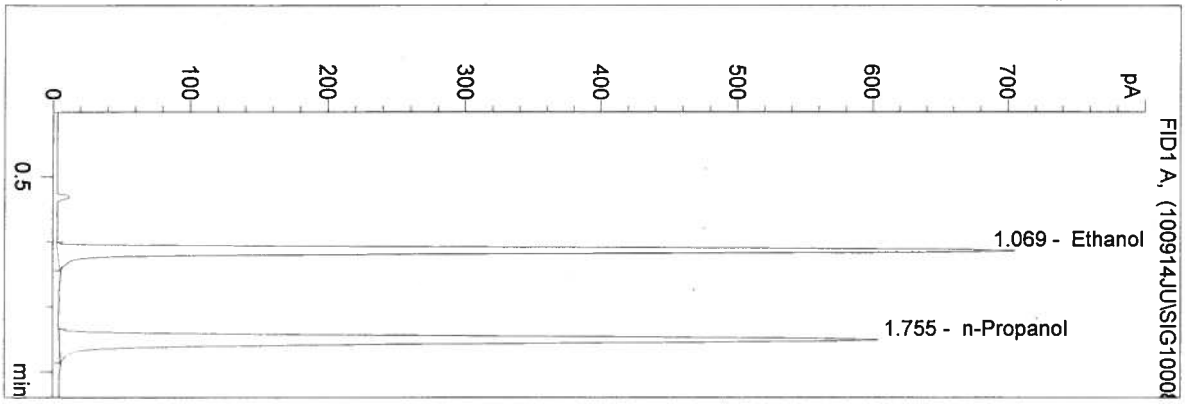
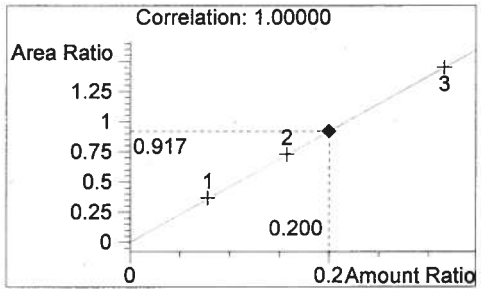
9/14/2010 6:11:14 PM
Instrument 1
DB ALC 1

0.20 CTRL JK
Justin Knoy

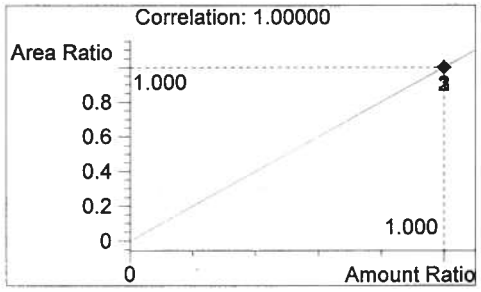
vial # 8



#	Compound	Area	RT
1	Ethanol	2171	1.069
2	n-Propanol	2369	1.755
Tot			



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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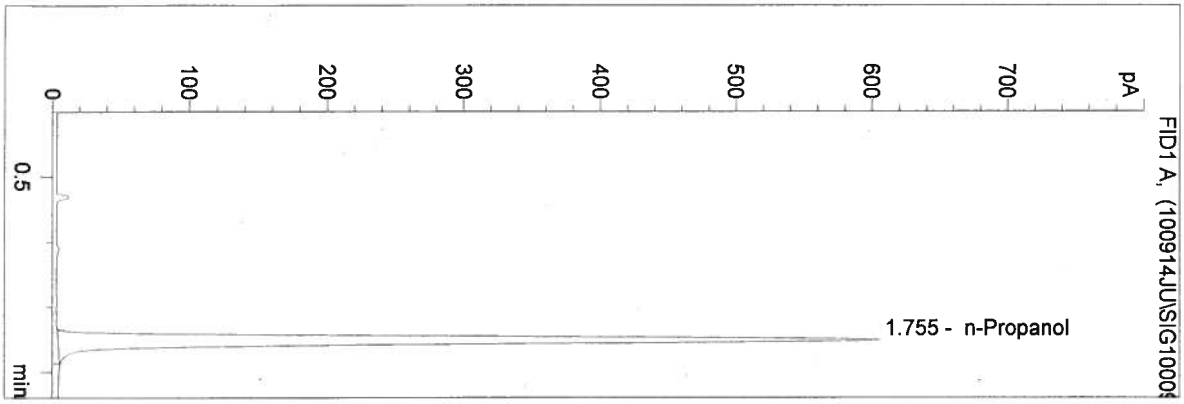
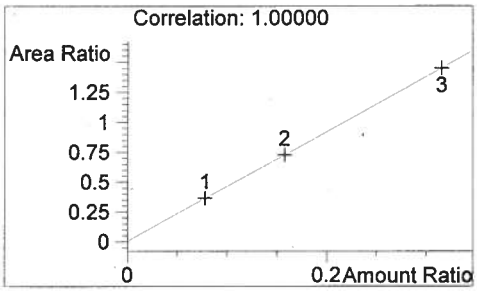
9/14/2010 6:14:19 PM
Instrument 1
DB ALC 1

NEG CTRL JK
Justin Knoy

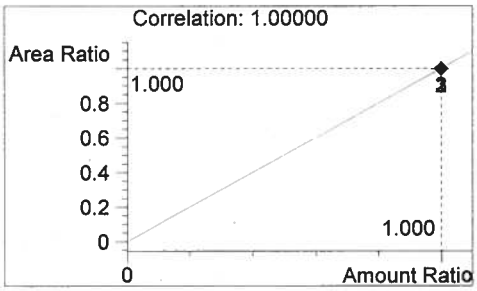
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2376	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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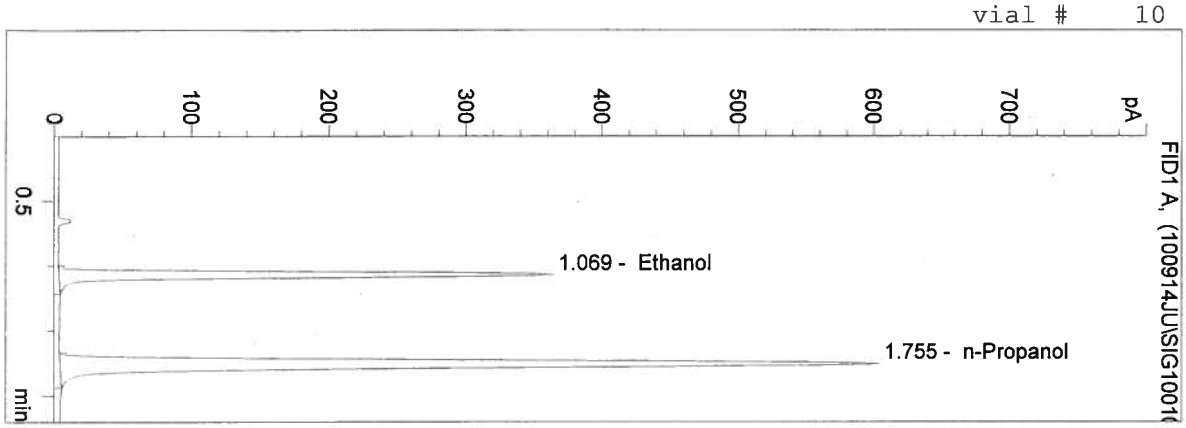
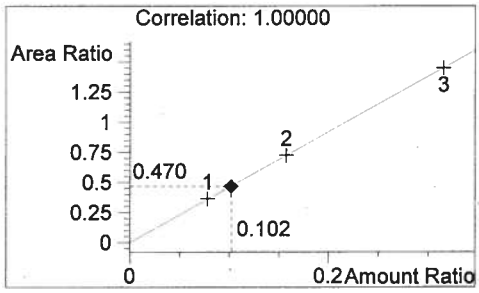
9/14/2010 6:17:24 PM
Instrument 1
DB ALC 1

10040-1
Justin Knoy

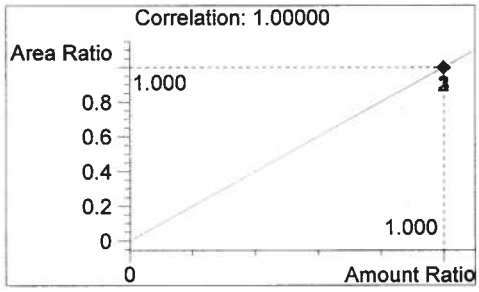
vial # 10



#	Compound	Area	RT
1	Ethanol	1114	1.069
2	n-Propanol	2372	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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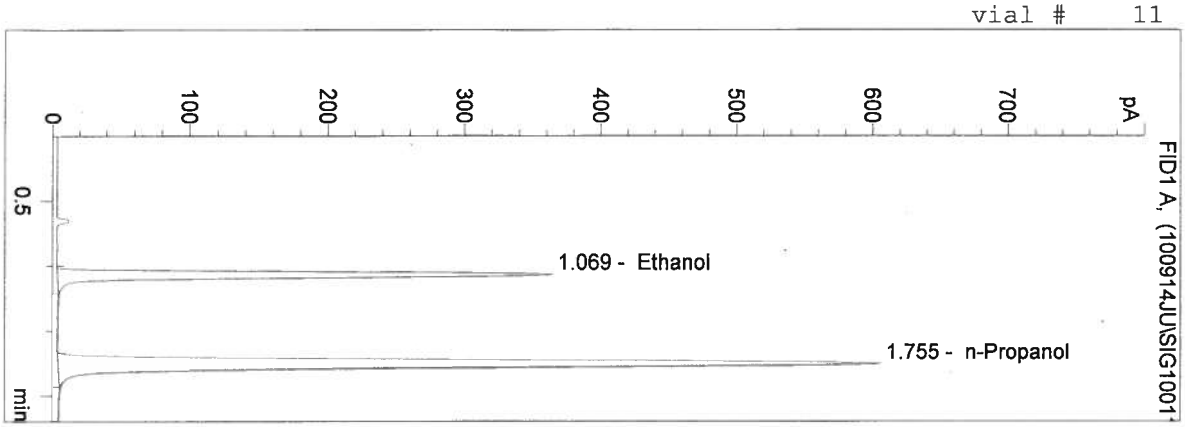
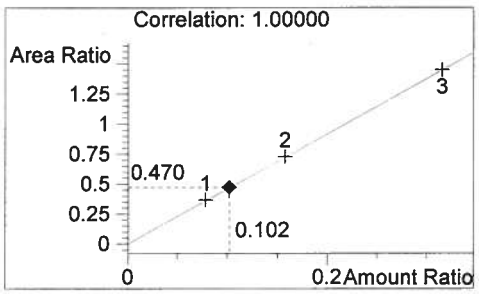
9/14/2010 6:20:29 PM
Instrument 1
DB ALC 1

10040-2
Justin Knoy

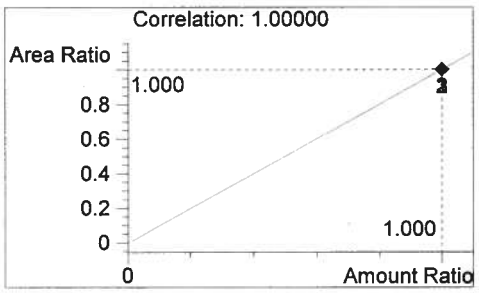
vial # 11



#	Compound	Area	RT
1	Ethanol	1118	1.069
2	n-Propanol	2377	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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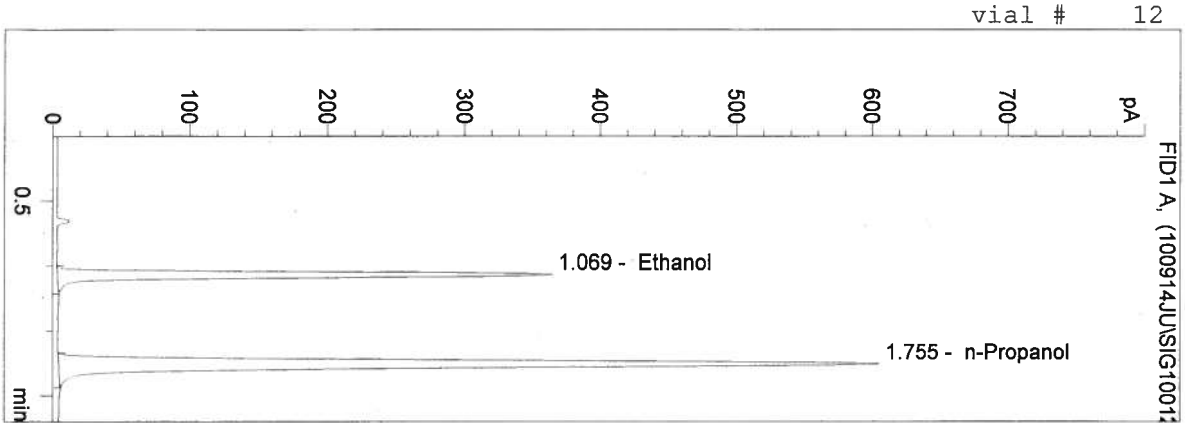
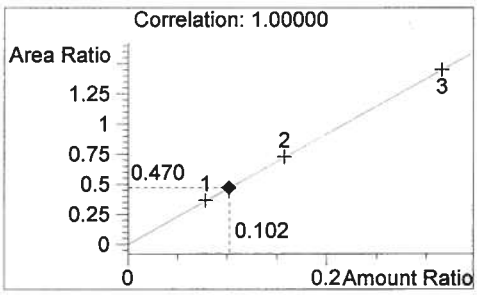
9/14/2010 6:23:33 PM
Instrument 1
DB ALC 1

10040-3
Justin Knoy

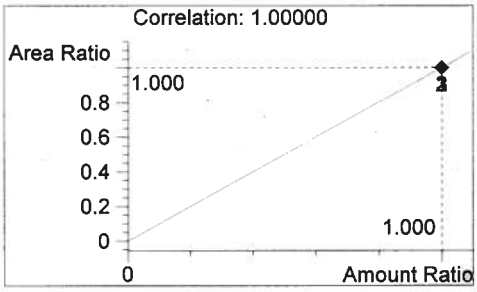
vial # 12



#	Compound	Area	RT
1	Ethanol	1119	1.069
2	n-Propanol	2379	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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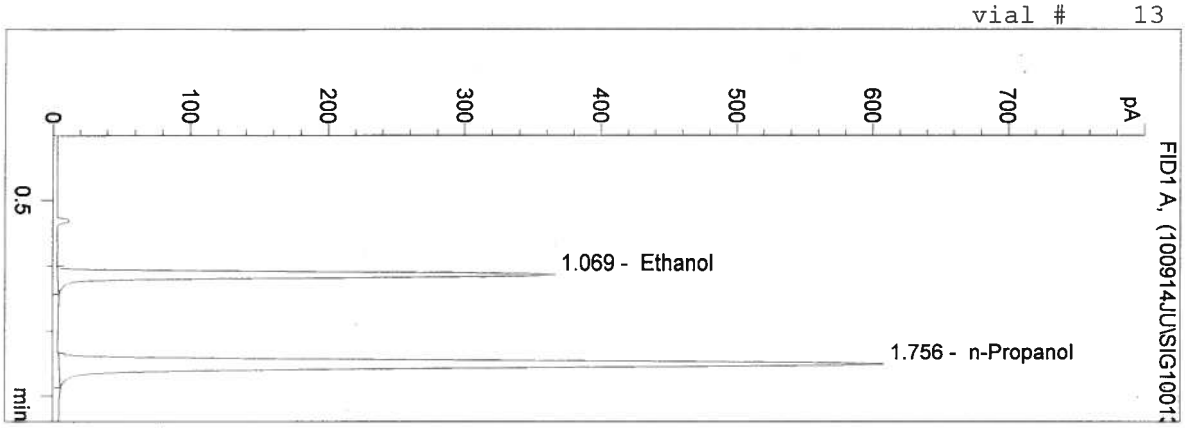
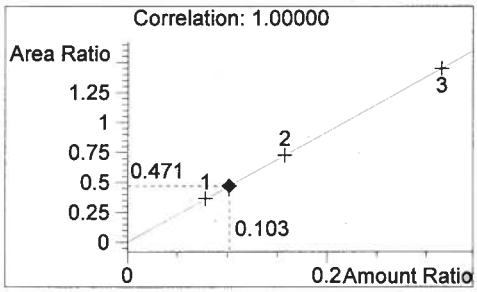
9/14/2010 6:26:38 PM
Instrument 1
DB ALC 1

10040-4
Justin Knoy

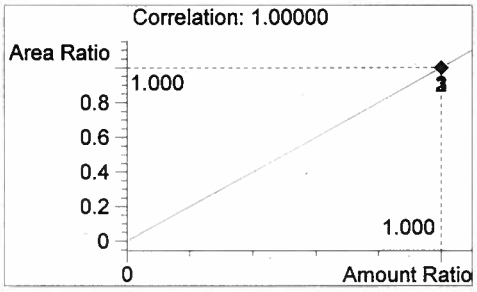
vial # 13



#	Compound	Area	RT
1	Ethanol	1124	1.069
2	n-Propanol	2387	1.756
Tot			



Ethanol 0.103 g/100 mL



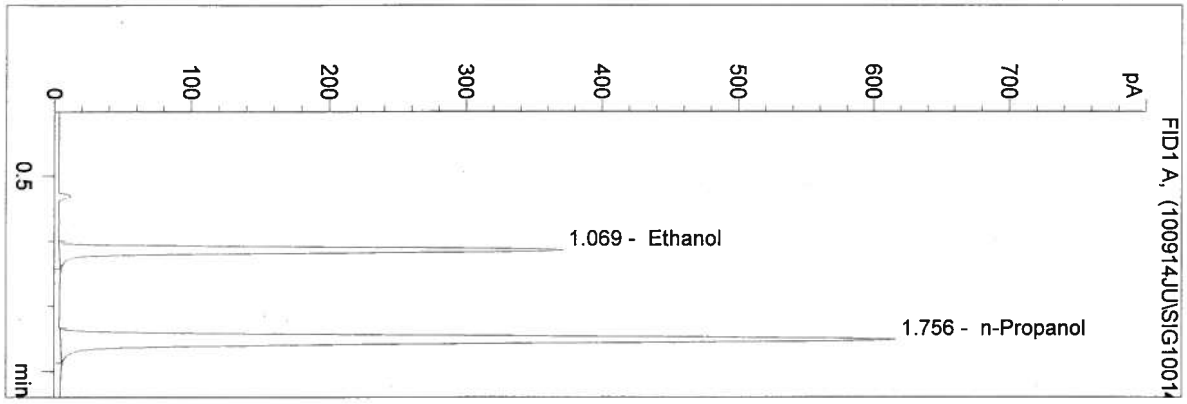
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

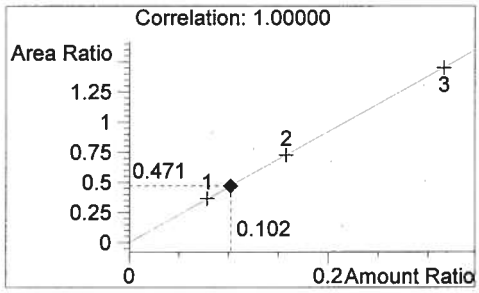
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 6:29:43 PM
Instrument 1
DB ALC 1

10040-5
Justin Knoy

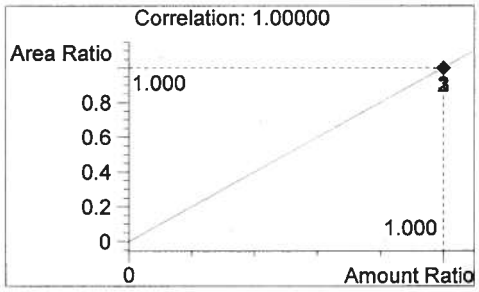
vial # 14



#	Compound	Area	RT
1	Ethanol	1138	1.069
2	n-Propanol	2419	1.756
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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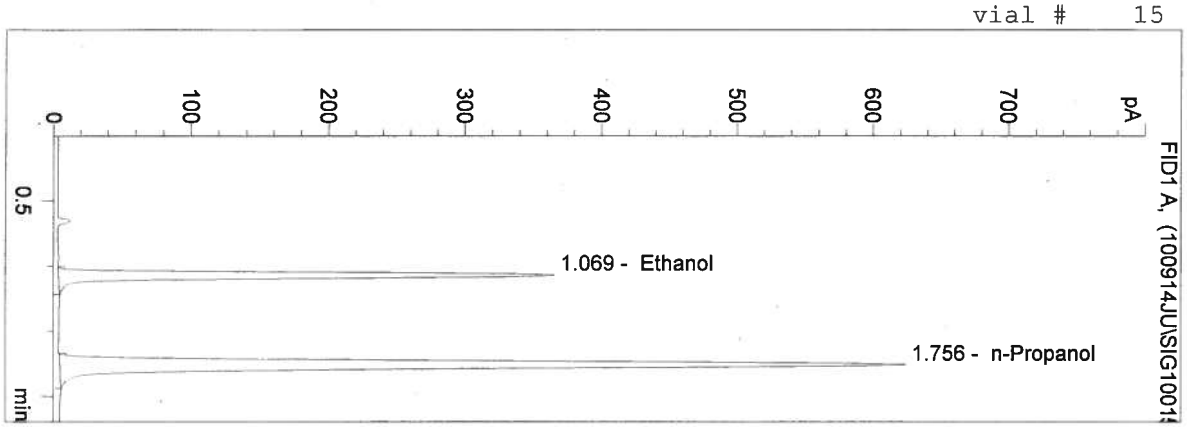
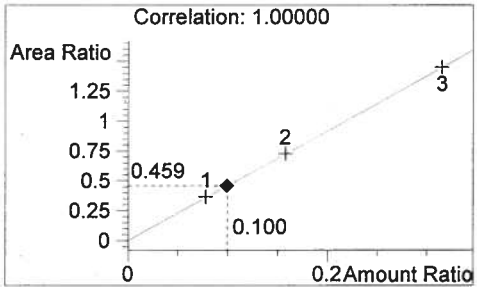
9/14/2010 6:32:48 PM
Instrument 1
DB ALC 1

0.10 CTRL JK
Justin Knoy

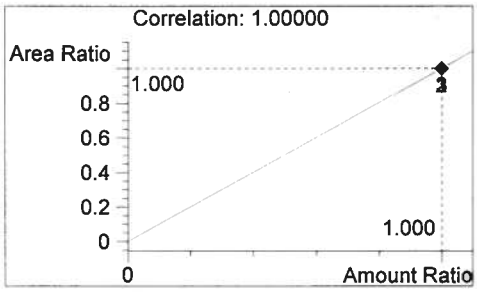
vial # 15



#	Compound	Area	RT
1	Ethanol	1126	1.069
2	n-Propanol	2453	1.756
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

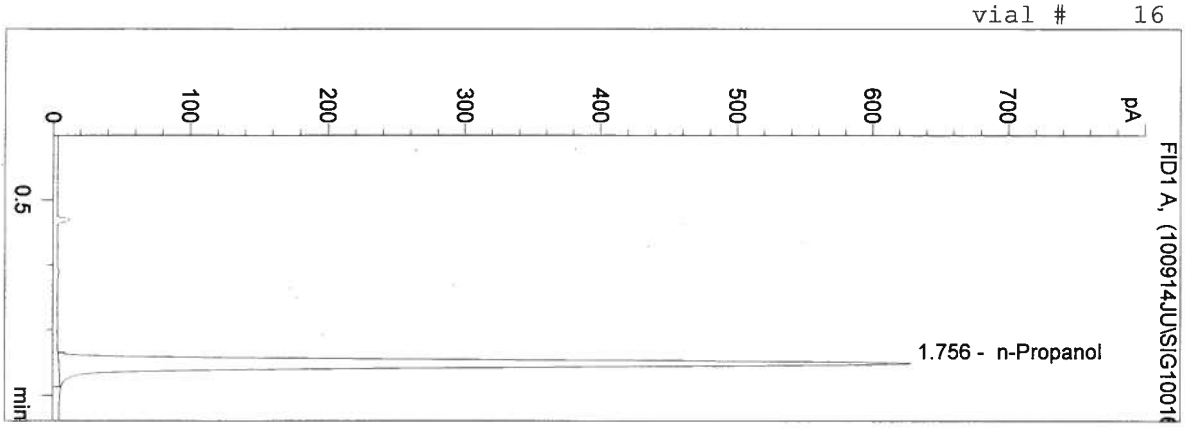
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

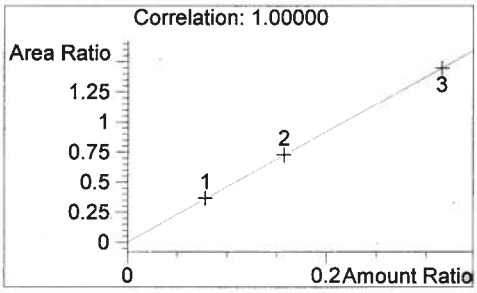
C:\HPCHEM\1\METHODS\SIMALC.M
9/14/2010 6:35:52 PM
Instrument 1
DB ALC 1

NEG CTRL JK
Justin Knoy

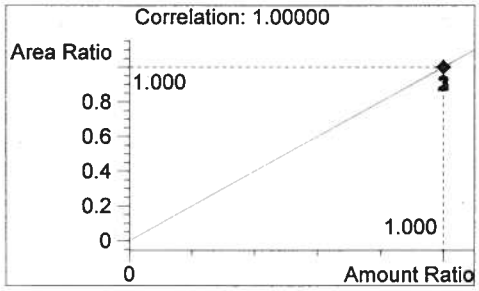
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2477	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

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:	100916C
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A068379 exp 10/2013
0.10 Control Lot#A071132 exp 03/2014
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	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL - CM	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - CM	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - CM	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - CM	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL - CM	SIMALC	1	Ctrl Samp		
10	Vial 10	10040 #1	SIMALC	1	Sample		
11	Vial 11	10040 #2	SIMALC	1	Sample		
12	Vial 12	10040 #3	SIMALC	1	Sample		
13	Vial 13	10040 #4	SIMALC	1	Sample		
14	Vial 14	10040 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC	1	Ctrl Samp		

CM

10040

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

CM

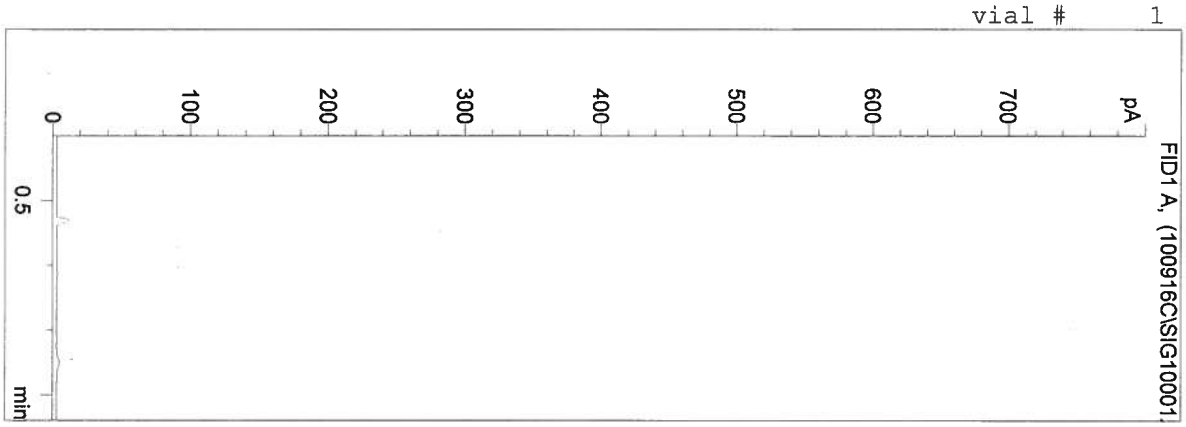
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

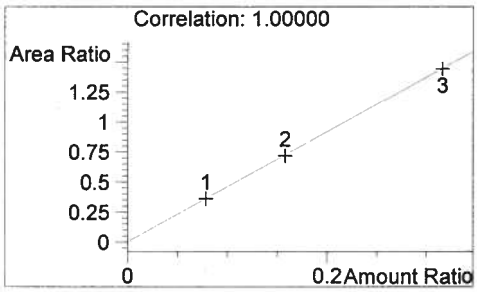
C:\HPCHEM\1\METHODS\SIMALC.M
9/16/2010 11:00:54 AM
Instrument 1
DB ALC 1

BLANK
Christie Mitchell

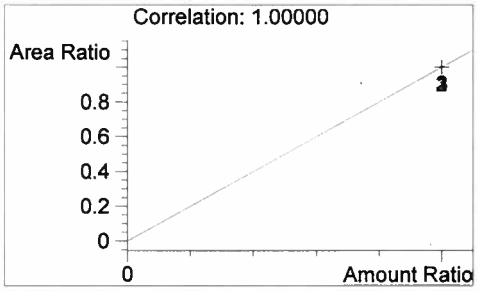
vial # 1



#	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

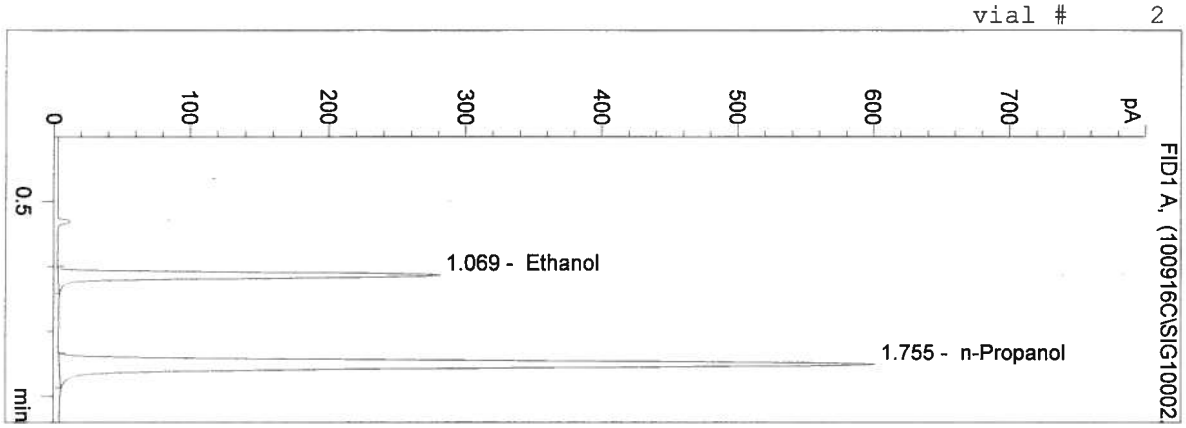
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

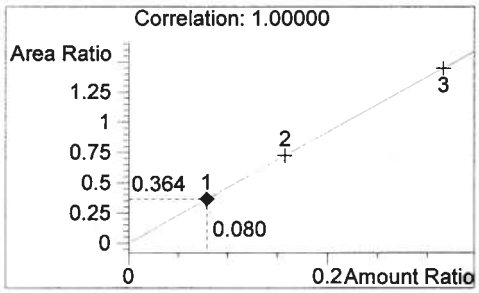
C:\HPCHEM\1\METHODS\SIMALC.M
9/16/2010 11:03:59 AM
Instrument 1
DB ALC 1

0.079 CAL 1
Christie Mitchell

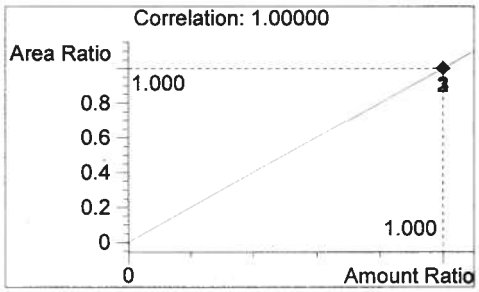
vial # 2



#	Compound	Area	RT
1	Ethanol	860	1.069
2	n-Propanol	2362	1.755
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

CM

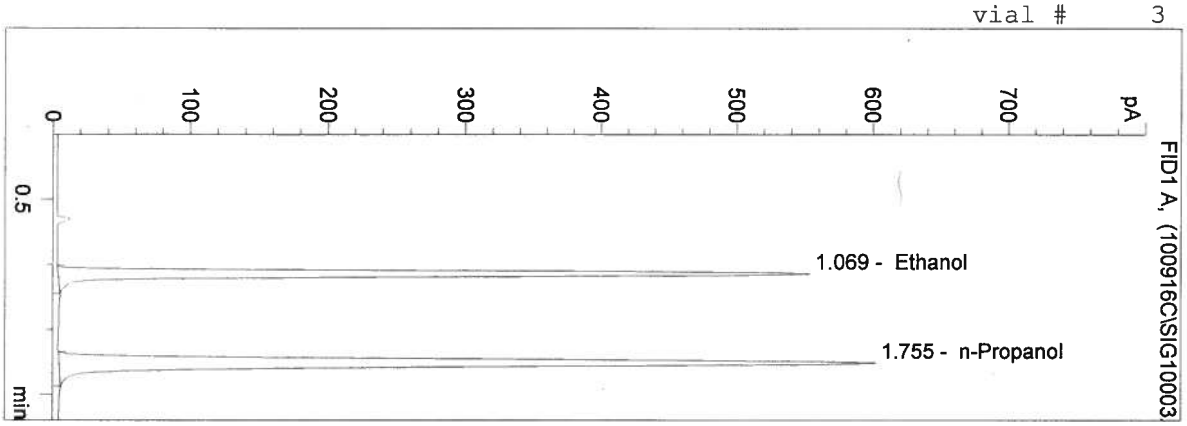
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

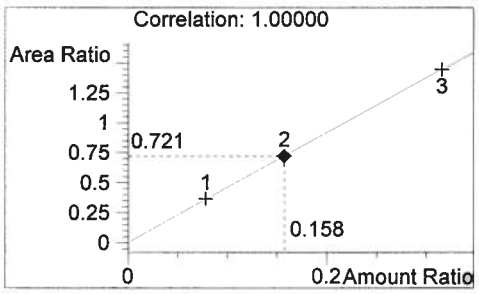
C:\HPCHEM\1\METHODS\SIMALC.M
9/16/2010 11:07:07 AM
Instrument 1
DB ALC 1

0.158 CAL 2
Christie Mitchell

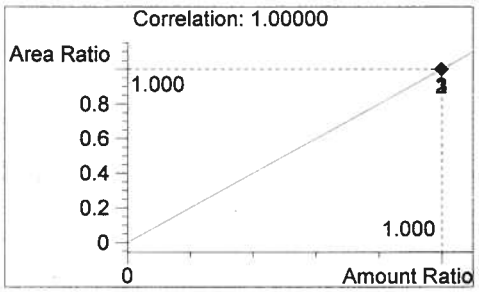
vial # 3



#	Compound	Area	RT
1	Ethanol	1701	1.069
2	n-Propanol	2361	1.755
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

CM

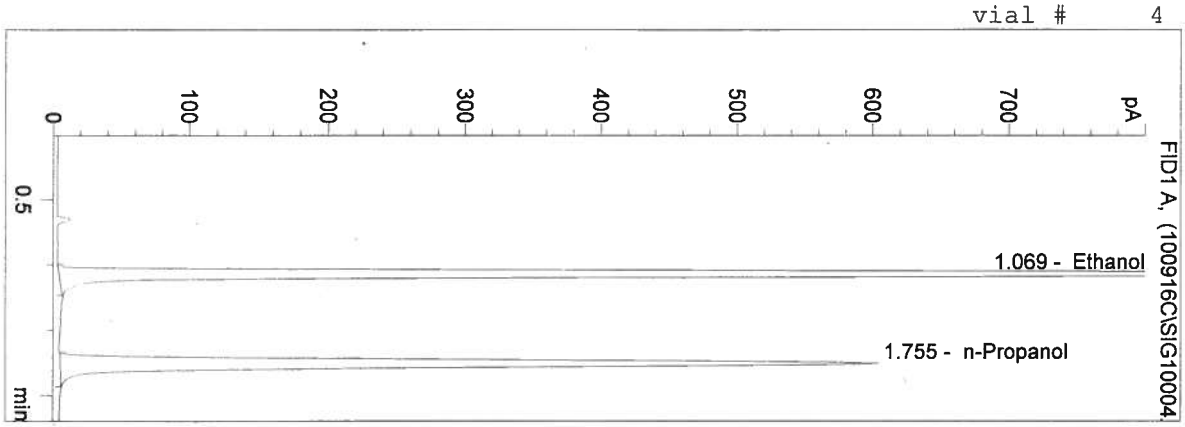
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

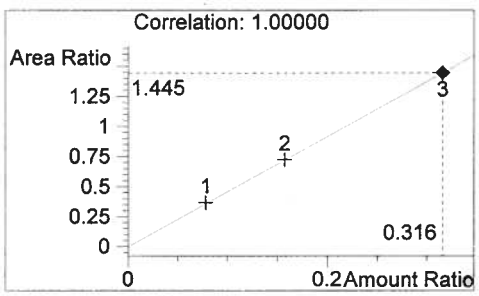
C:\HPCHEM\1\METHODS\SIMALC.M
9/16/2010 11:10:14 AM
Instrument 1
DB ALC 1

0.316 CAL 3
Christie Mitchell

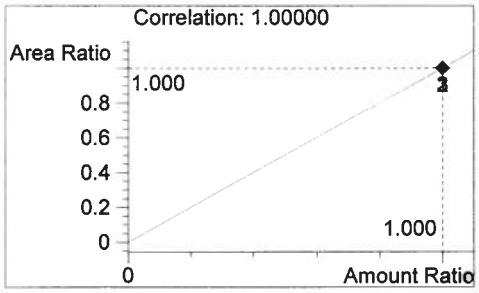
vial # 4



#	Compound	Area	RT
1	Ethanol	3421	1.069
2	n-Propanol	2368	1.755
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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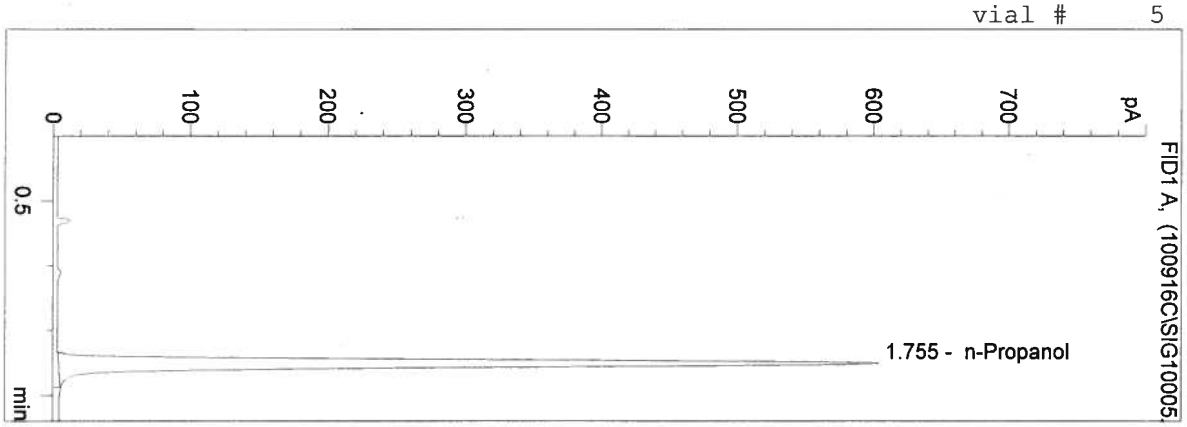
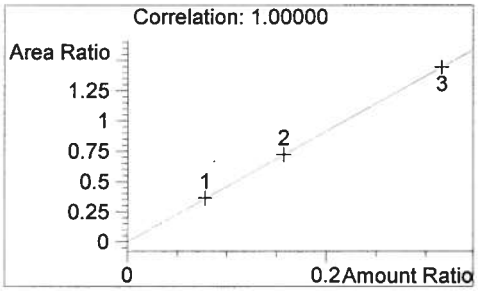
9/16/2010 11:13:20 AM
Instrument 1
DB ALC 1

NEG CTRL - CM
Christie Mitchell

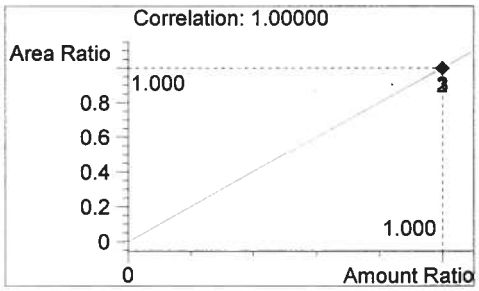
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2374	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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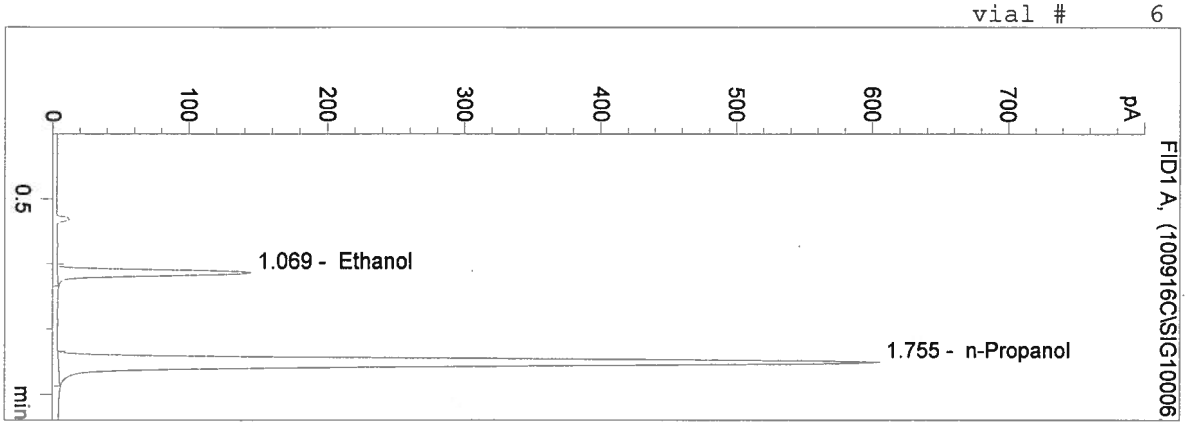
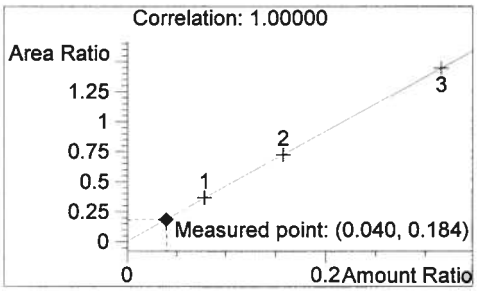
9/16/2010 11:16:28 AM
Instrument 1
DB ALC 1

0.04 CTRL - CM
Christie Mitchell

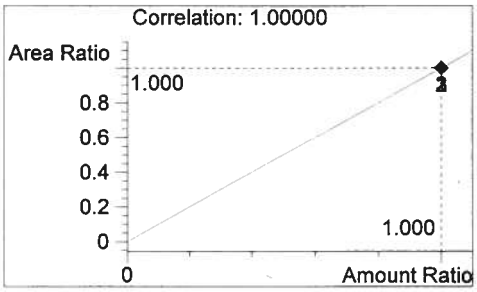
vial # 6



#	Compound	Area	RT
1	Ethanol	437	1.069
2	n-Propanol	2379	1.755
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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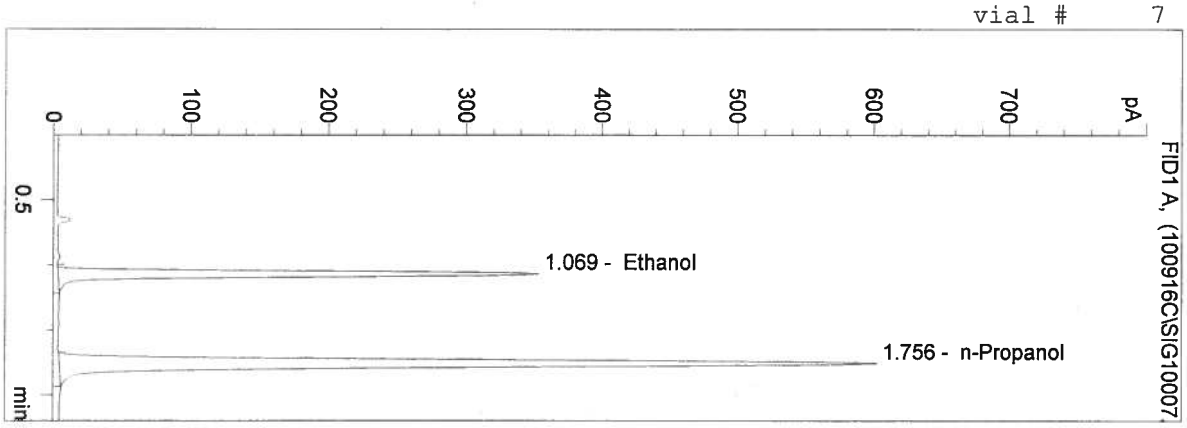
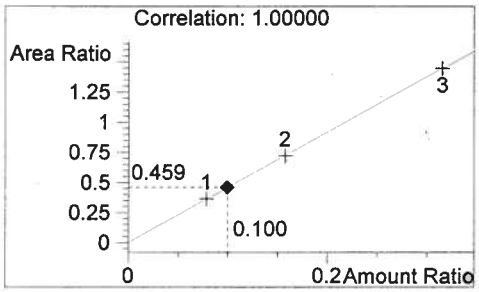
9/16/2010 11:19:35 AM
Instrument 1
DB ALC 1

0.10 CTRL - CM
Christie Mitchell

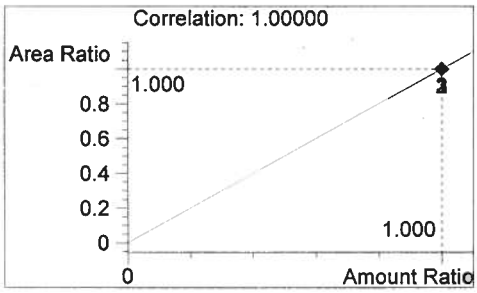
vial # 7



#	Compound	Area	RT
1	Ethanol	1085	1.069
2	n-Propanol	2364	1.756
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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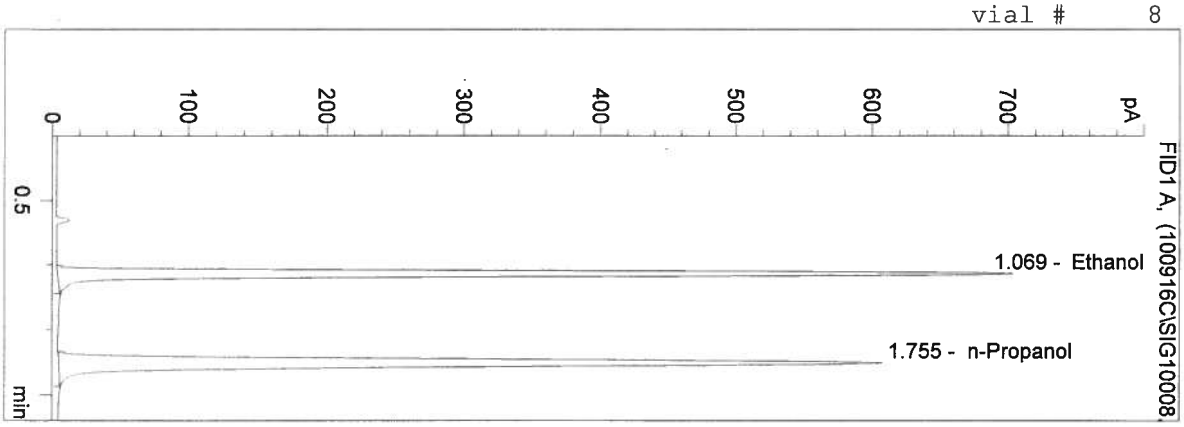
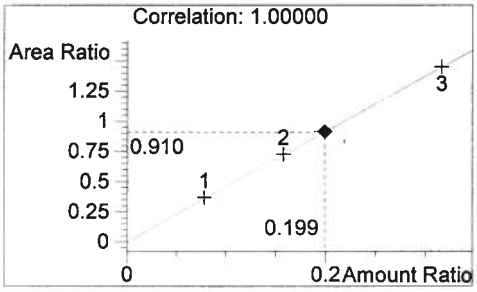
9/16/2010 11:22:42 AM
Instrument 1
DB ALC 1

0.20 CTRL - CM
Christie Mitchell

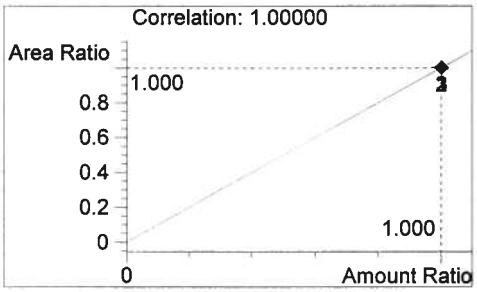
vial # 8



#	Compound	Area	RT
1	Ethanol	2177	1.069
2	n-Propanol	2391	1.755
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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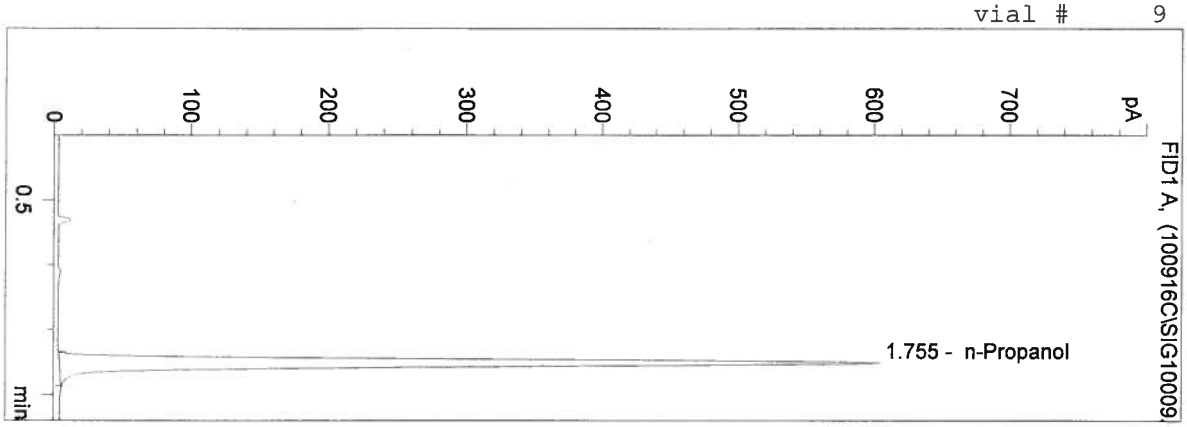
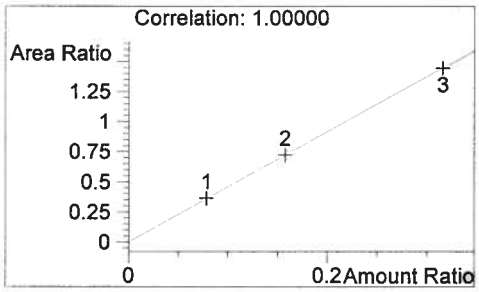
9/16/2010 11:25:49 AM
Instrument 1
DB ALC 1

NEG CTRL - CM
Christie Mitchell

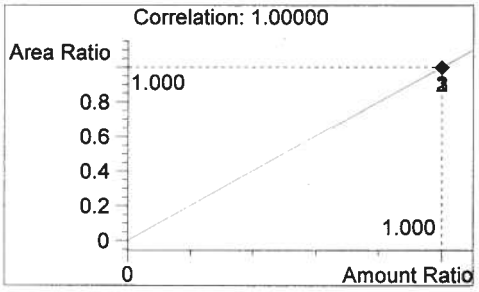
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2370	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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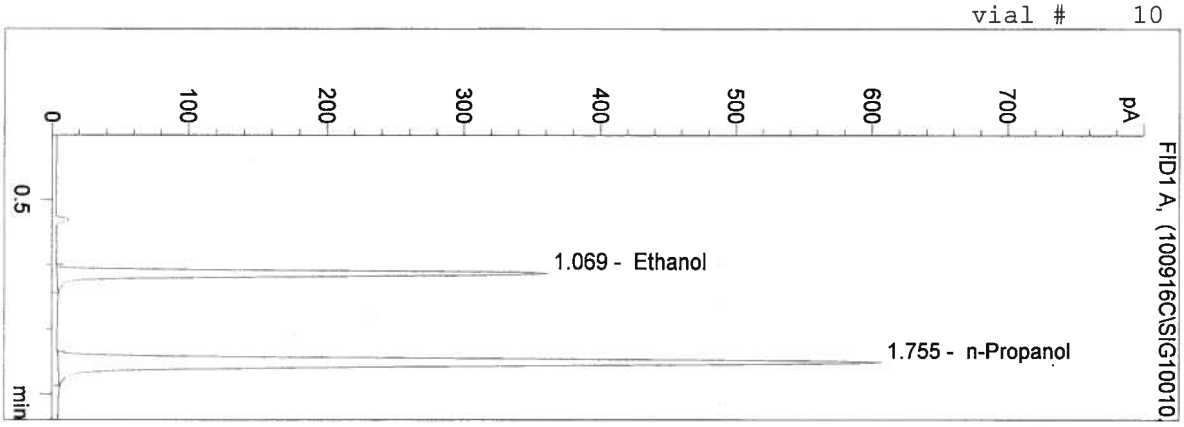
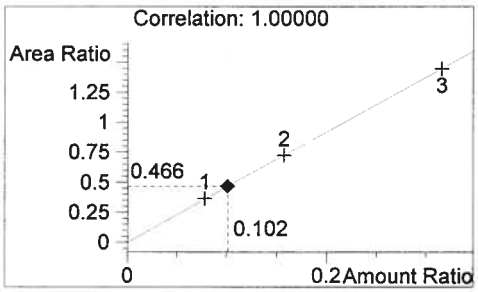
9/16/2010 11:28:56 AM
Instrument 1
DB ALC 1

10040 #1
Christie Mitchell

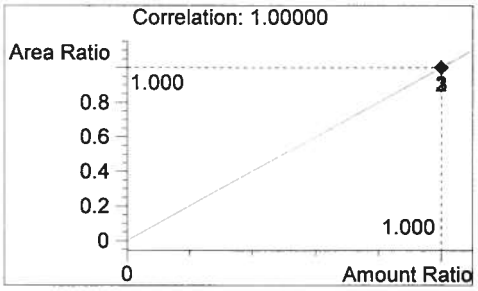
vial # 10



#	Compound	Area	RT
1	Ethanol	1111	1.069
2	n-Propanol	2384	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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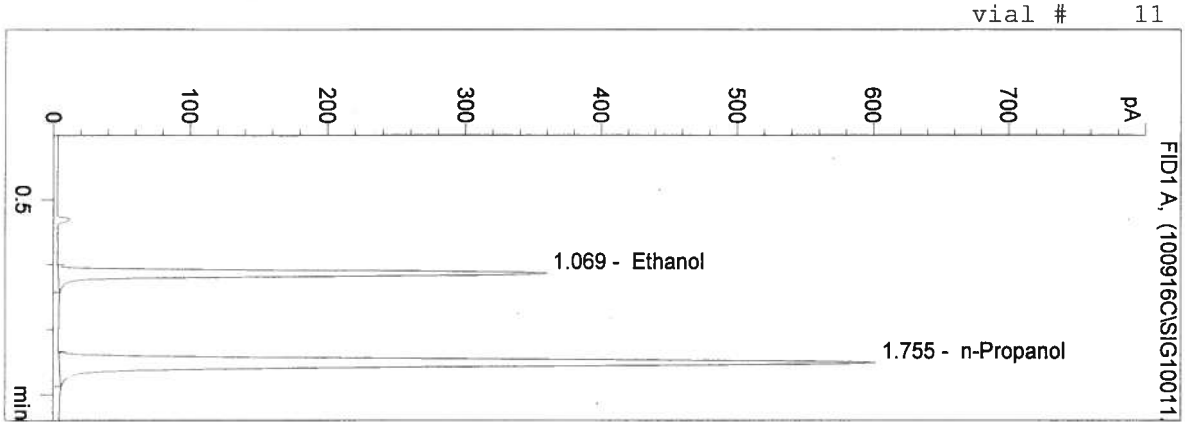
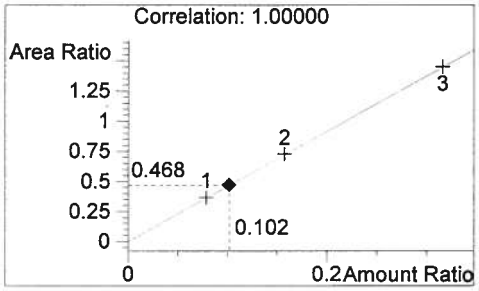
9/16/2010 11:32:02 AM
Instrument 1
DB ALC 1

10040 #2
Christie Mitchell

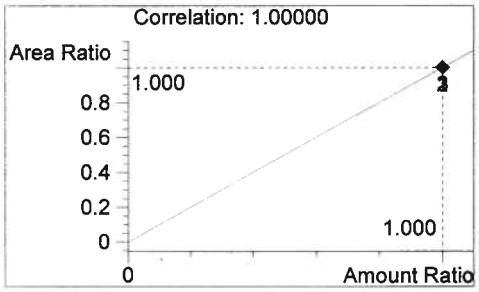
vial # 11



#	Compound	Area	RT
1	Ethanol	1107	1.069
2	n-Propanol	2368	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

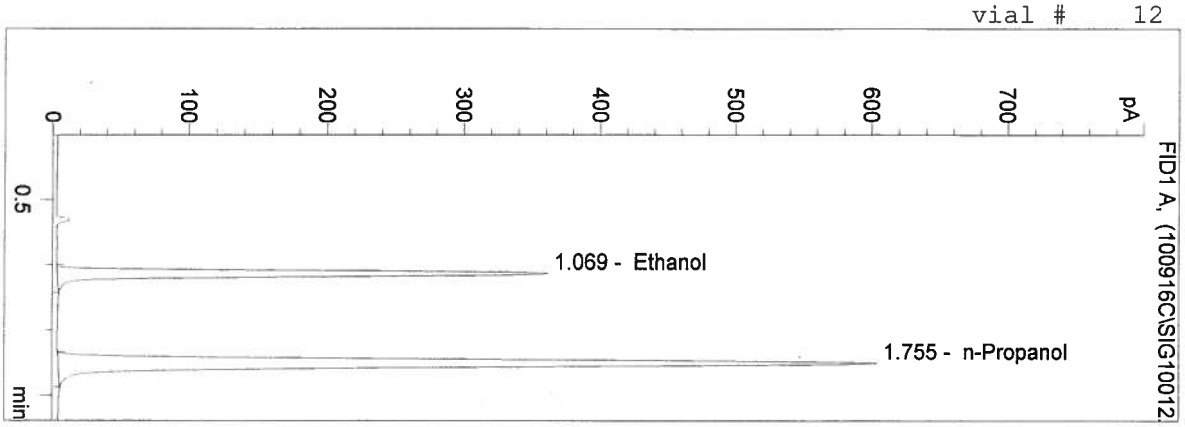
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

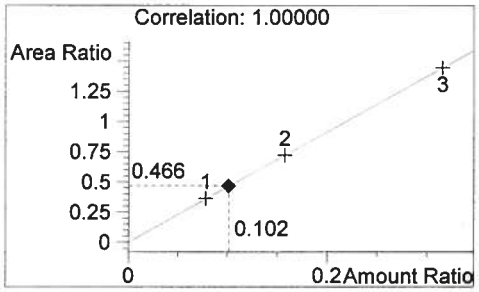
C:\HPCHEM\1\METHODS\SIMALC.M
9/16/2010 11:35:07 AM
Instrument 1
DB ALC 1

10040 #3
Christie Mitchell

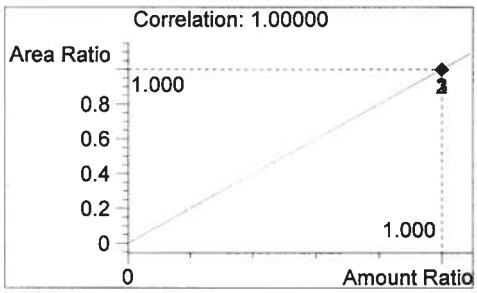
vial # 12



#	Compound	Area	RT
1	Ethanol	1108	1.069
2	n-Propanol	2376	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

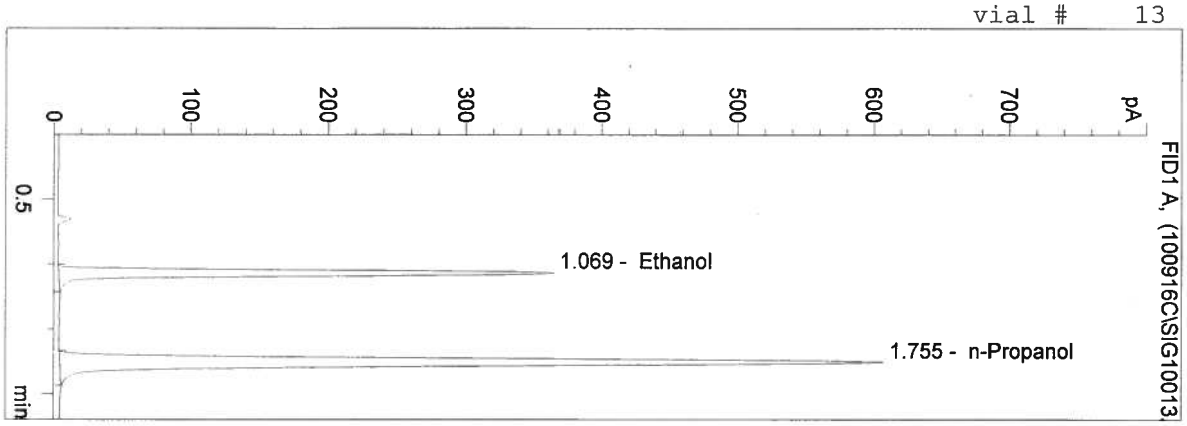
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

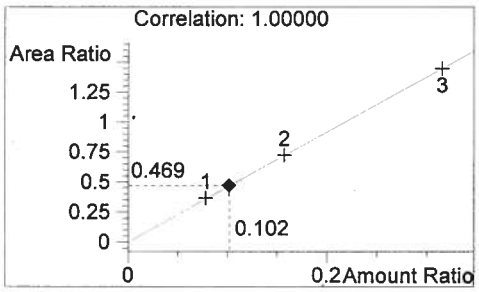
C:\HPCHEM\1\METHODS\SIMALC.M
9/16/2010 11:38:12 AM
Instrument 1
DB ALC 1

10040 #4
Christie Mitchell

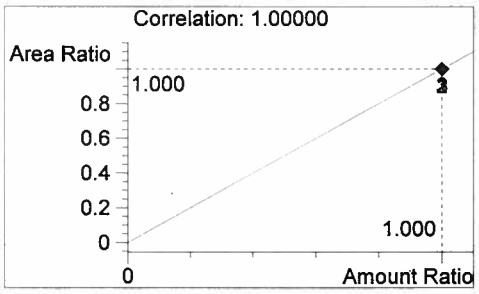
vial # 13



#	Compound	Area	RT
1	Ethanol	1116	1.069
2	n-Propanol	2382	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

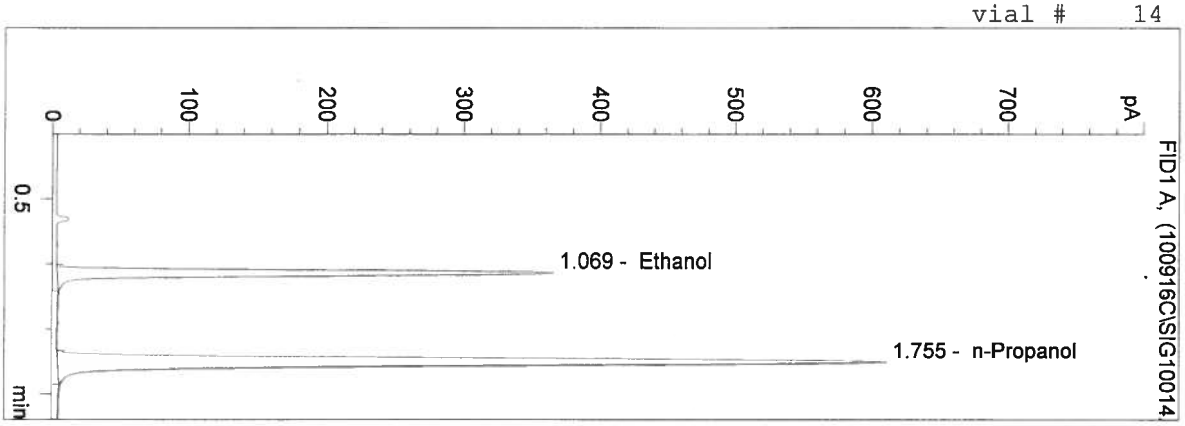
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

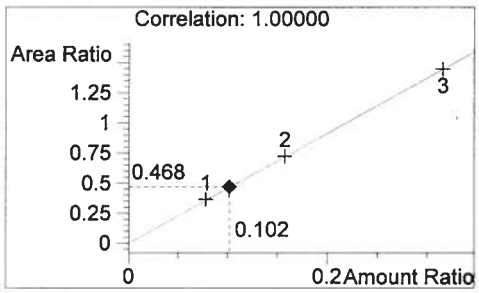
C:\HPCHEM\1\METHODS\SIMALC.M
9/16/2010 11:41:17 AM
Instrument 1
DB ALC 1

10040 #5
Christie Mitchell

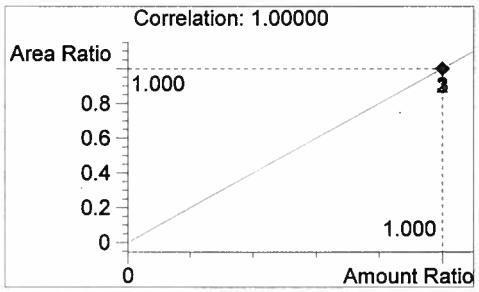
vial # 14



#	Compound	Area	RT
1	Ethanol	1123	1.069
2	n-Propanol	2397	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

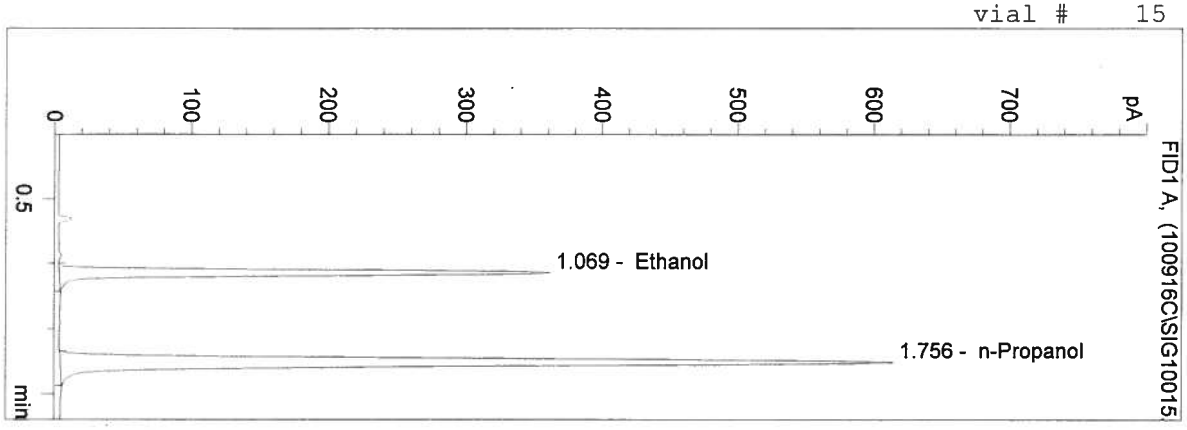
CM

WASHINGTON STATE TOXICOLOGY LABORATORY

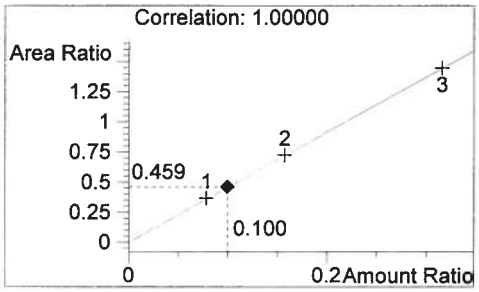
C:\HPCHEM\1\METHODS\SIMALC.M
9/16/2010 11:44:22 AM
Instrument 1
DB ALC 1

0.10 CTRL - CM
Christie Mitchell

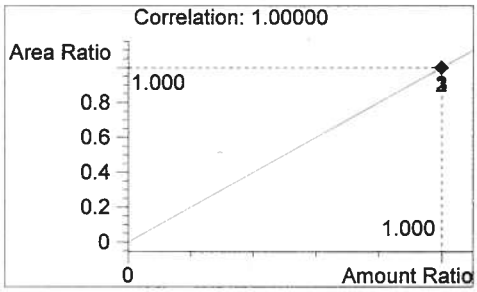
vial # 15



#	Compound	Area	RT
1	Ethanol	1108	1.069
2	n-Propanol	2415	1.756
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

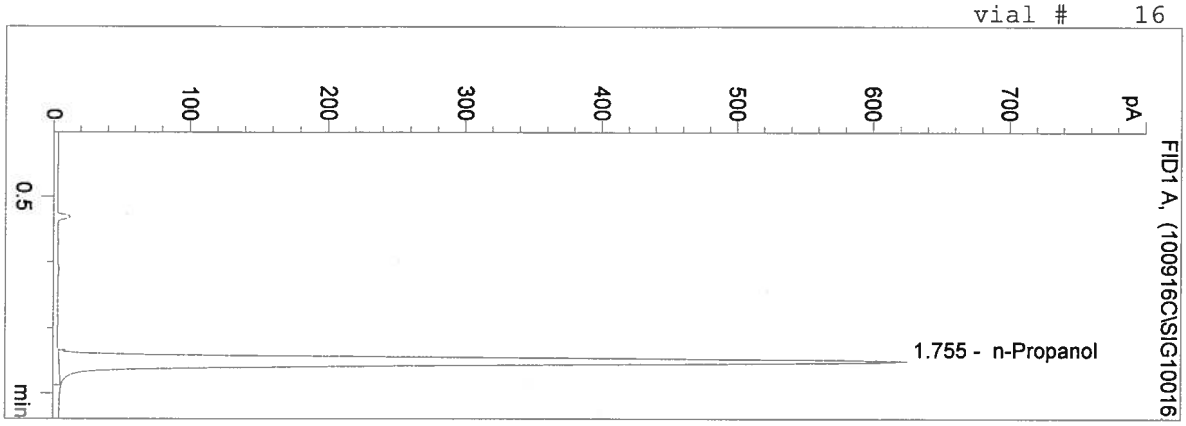
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

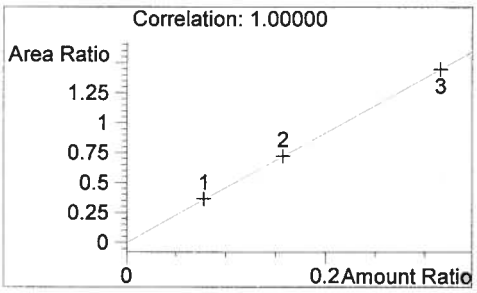
C:\HPCHEM\1\METHODS\SIMALC.M
9/16/2010 11:47:27 AM
Instrument 1
DB ALC 1

NEG CTRL - CM
Christie Mitchell

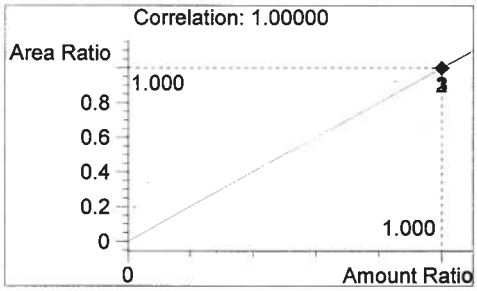
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2463	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10040

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

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:	100917BP
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control Lot#A068379 exp 10/2013
0.10 Control Lot#A071132 exp 03/2014
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	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL - BP	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - BP	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - BP	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - BP	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL - BP	SIMALC	1	Ctrl Samp		
10	Vial 10	10040 #1	SIMALC	1	Sample		
11	Vial 11	10040 #2	SIMALC	1	Sample		
12	Vial 12	10040 #3	SIMALC	1	Sample		
13	Vial 13	10040 #4	SIMALC	1	Sample		
14	Vial 14	10040 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL - BP	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL - BP	SIMALC	1	Ctrl Samp		

BP

Calibration Part:

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

Sequence Table (Back Injector):

10040

No entries - empty table!

BP

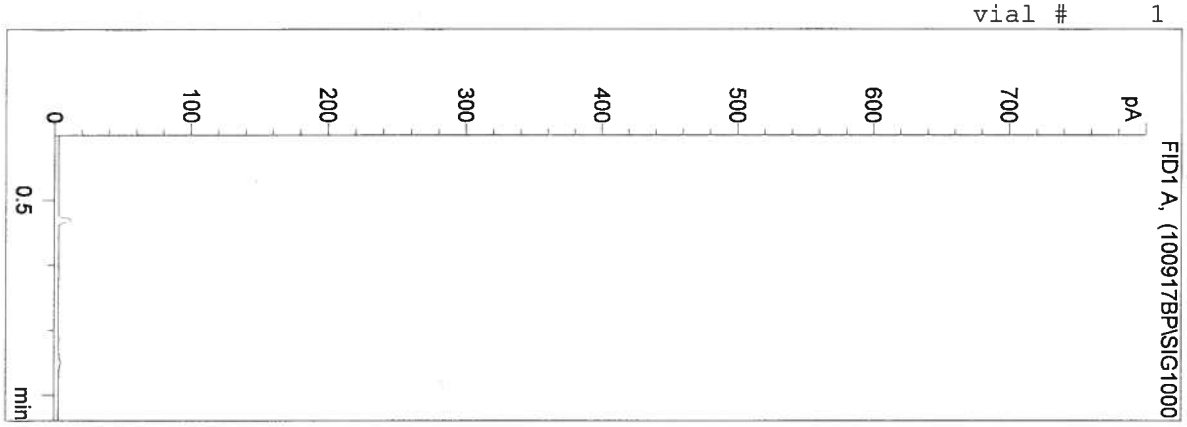
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

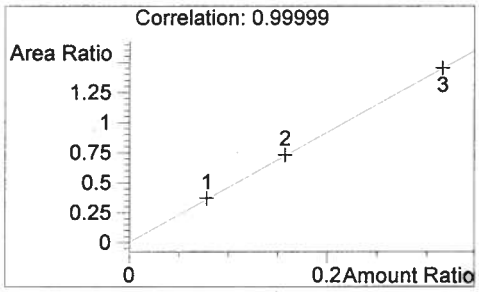
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 8:36:49 AM
Instrument 1
DB ALC 1

blank
Brianna Peterson

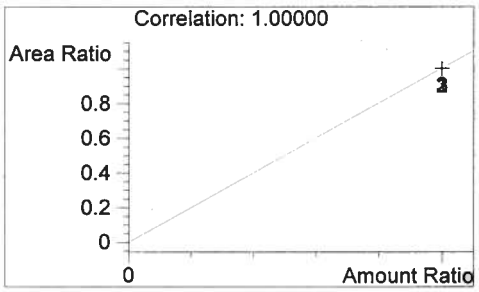
vial # 1



#	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

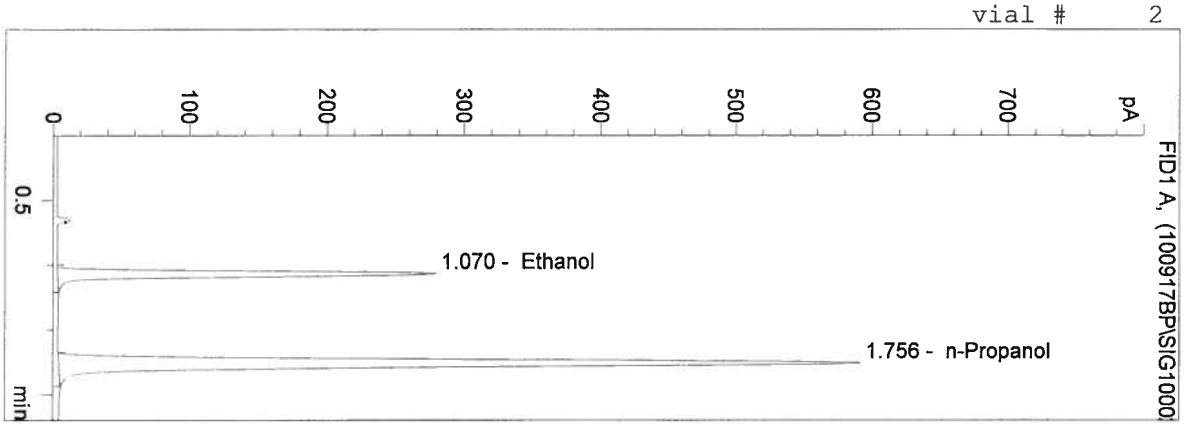
10040 BP

WASHINGTON STATE TOXICOLOGY LABORATORY

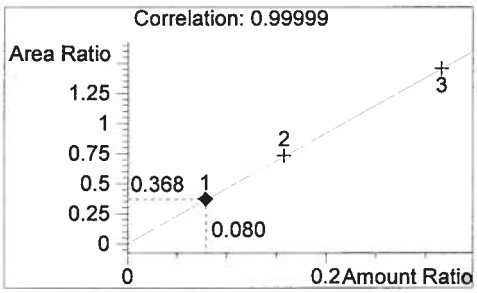
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 8:39:54 AM
Instrument 1
DB ALC 1

0.079 CAL 1
Brianna Peterson

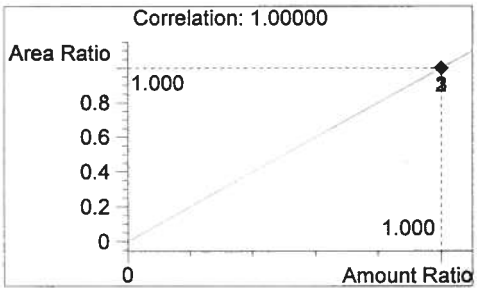
vial # 2



#	Compound	Area	RT
1	Ethanol	852	1.070
2	n-Propanol	2318	1.756
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

BF

10040

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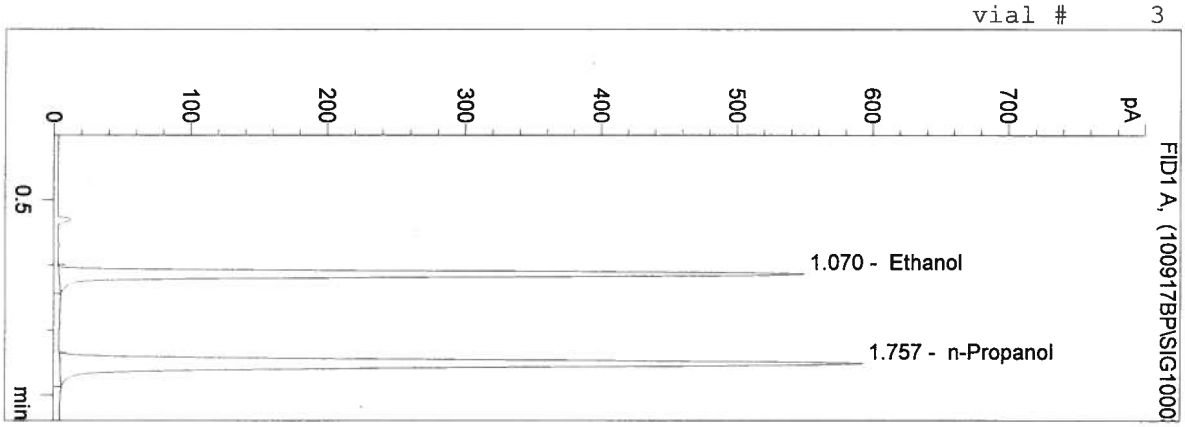
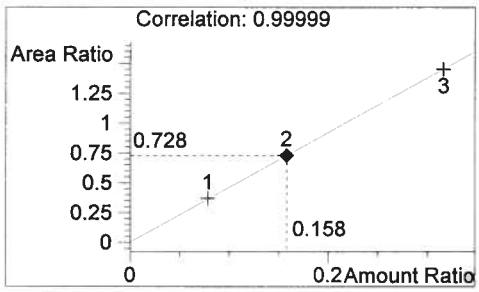
9/17/2010 8:42:58 AM
Instrument 1
DB ALC 1

0.158 CAL 2
Brianna Peterson

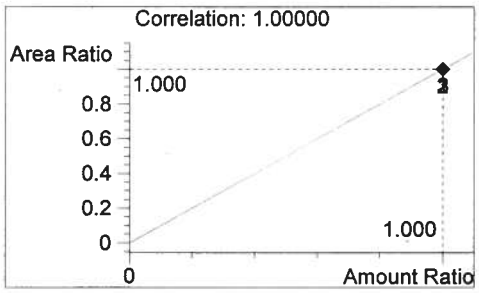
vial # 3



#	Compound	Area	RT
1	Ethanol	1694	1.070
2	n-Propanol	2327	1.757
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

BS

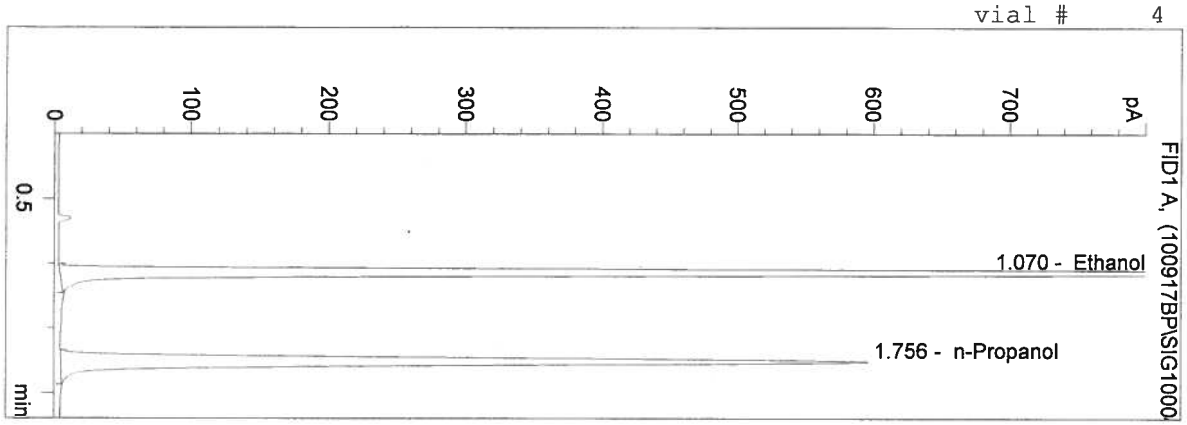
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

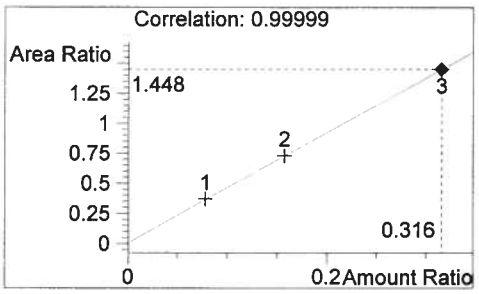
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 8:46:03 AM
Instrument 1
DB ALC 1

0.316 CAL 3
Brianna Peterson

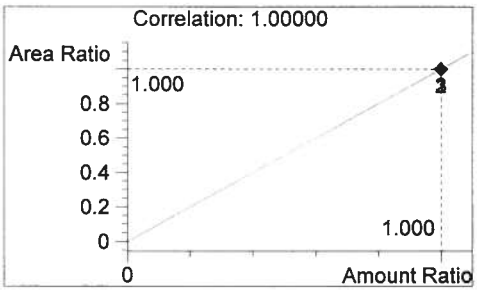
vial # 4



#	Compound	Area	RT
1	Ethanol	3390	1.070
2	n-Propanol	2341	1.756
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

10040

BP

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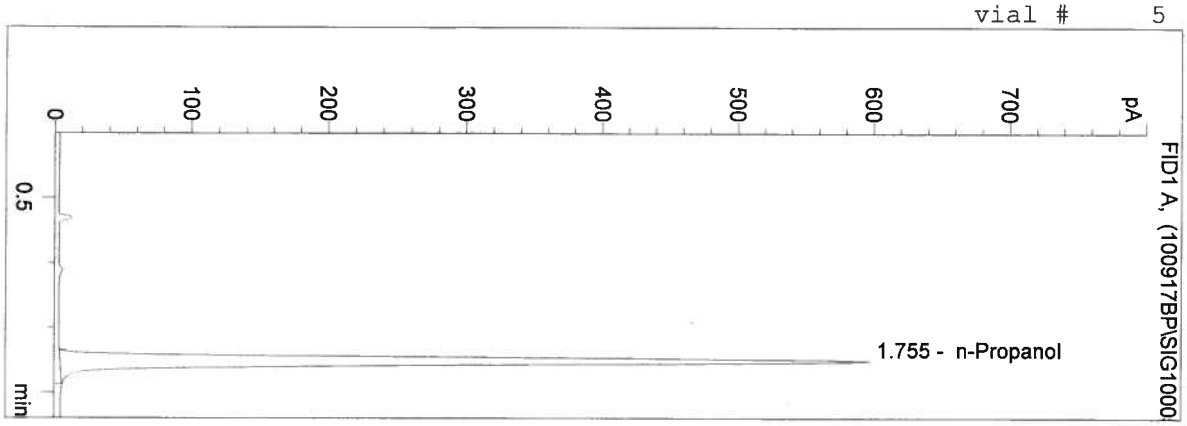
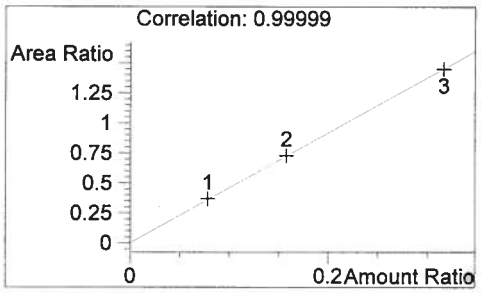
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 8:49:08 AM
Instrument 1
DB ALC 1

NEG CTRL - BP
Brianna Peterson

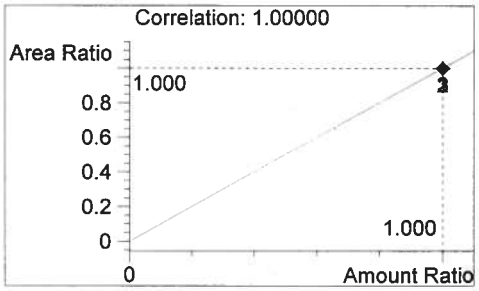
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2349	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

BP

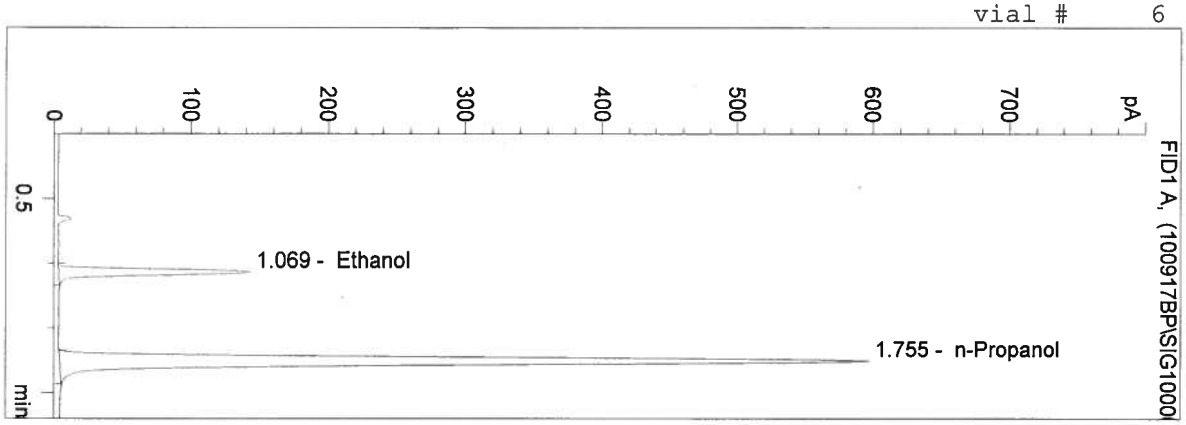
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

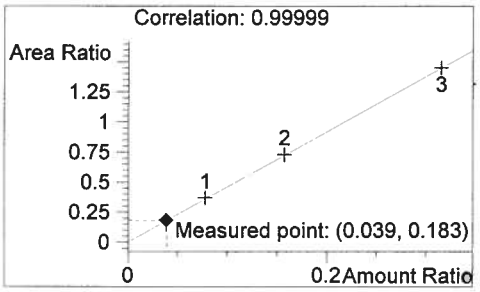
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 8:52:18 AM
Instrument 1
DB ALC 1

0.04 CTRL - BP
Brianna Peterson

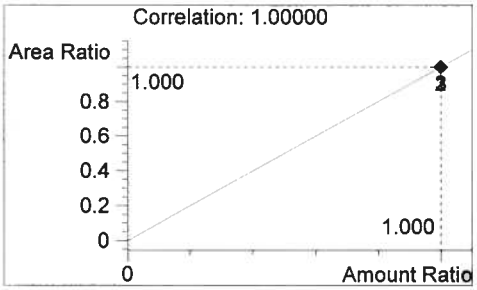
vial # 6



#	Compound	Area	RT
1	Ethanol	430	1.069
2	n-Propanol	2345	1.755
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

BP

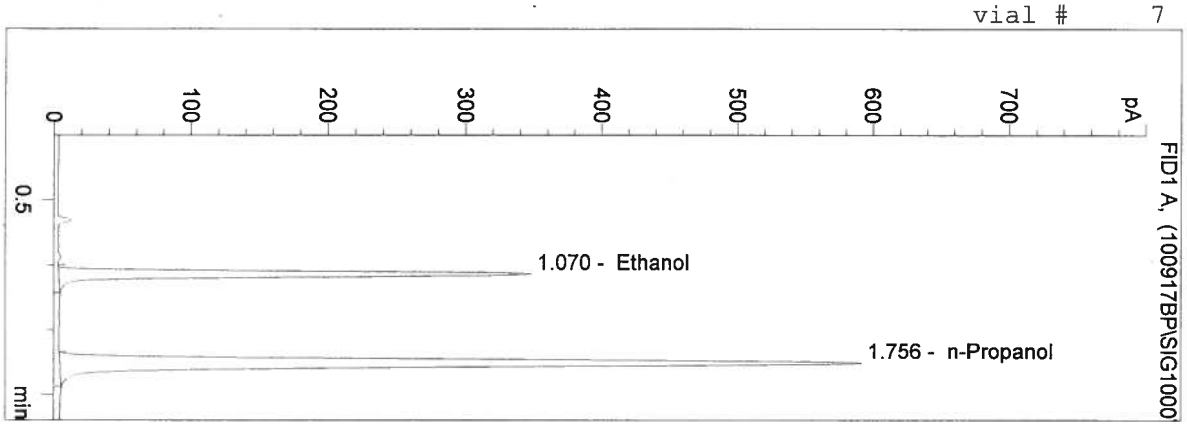
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

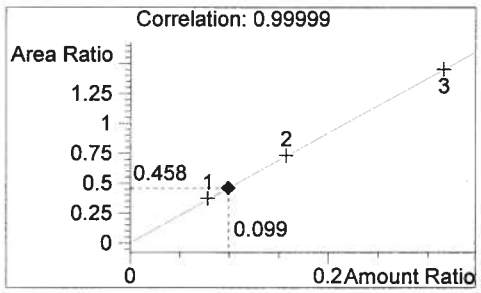
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 8:55:18 AM
Instrument 1
DB ALC 1

0.10 CTRL - BP
Brianna Peterson

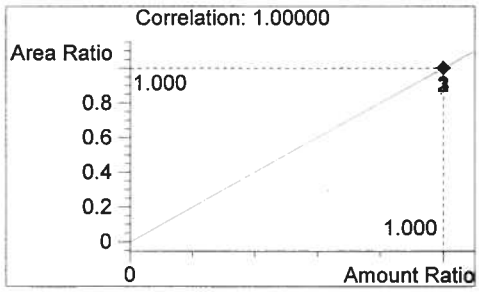
vial # 7



#	Compound	Area	RT
1	Ethanol	1068	1.070
2	n-Propanol	2332	1.756
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

#10040

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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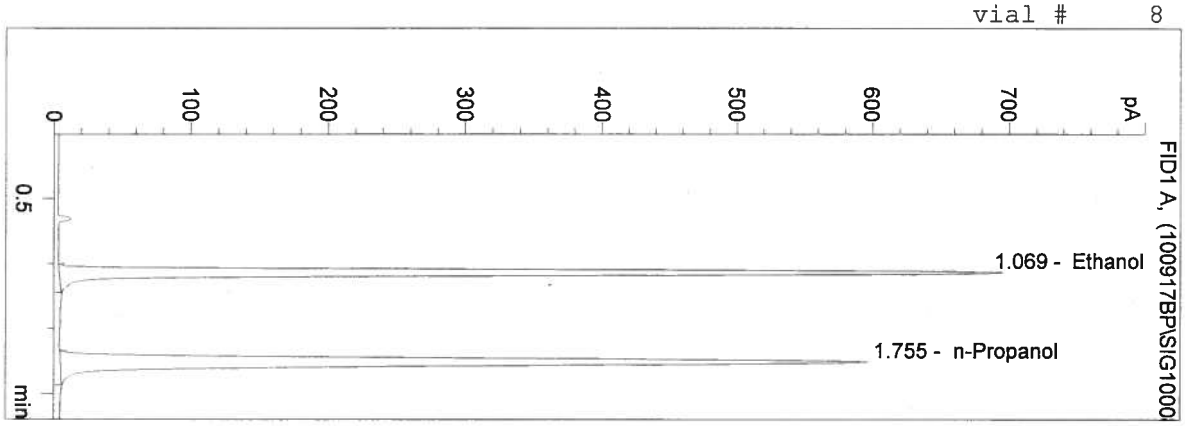
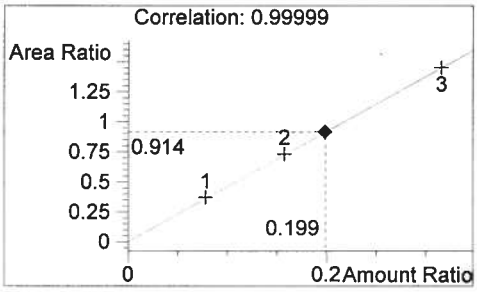
9/17/2010 8:58:22 AM
Instrument 1
DB ALC 1

0.20 CTRL - BP
Brianna Peterson

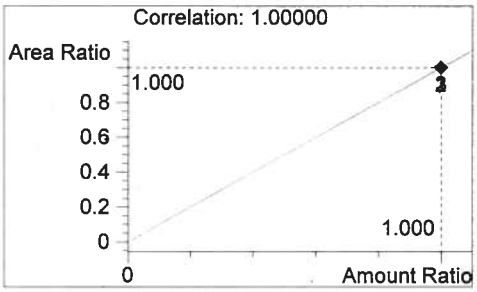
vial # 8



#	Compound	Area	RT
1	Ethanol	2136	1.069
2	n-Propanol	2338	1.755
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

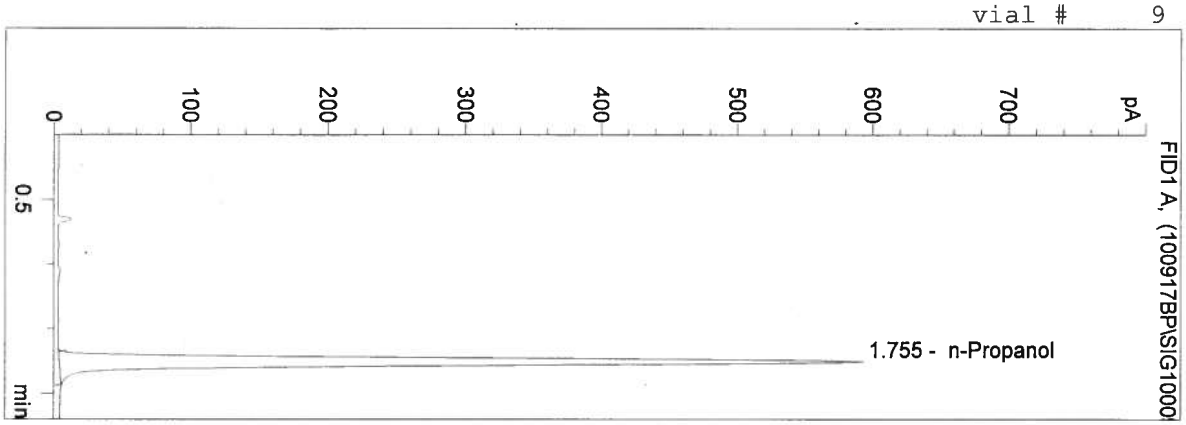
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

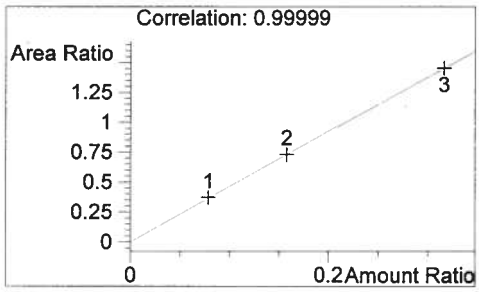
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 9:01:27 AM
Instrument 1
DB ALC 1

NEG CTRL - BP
Brianna Peterson

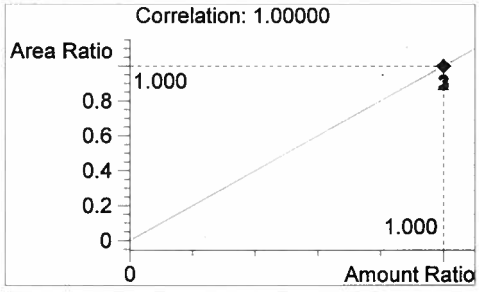
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2329	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

Bf

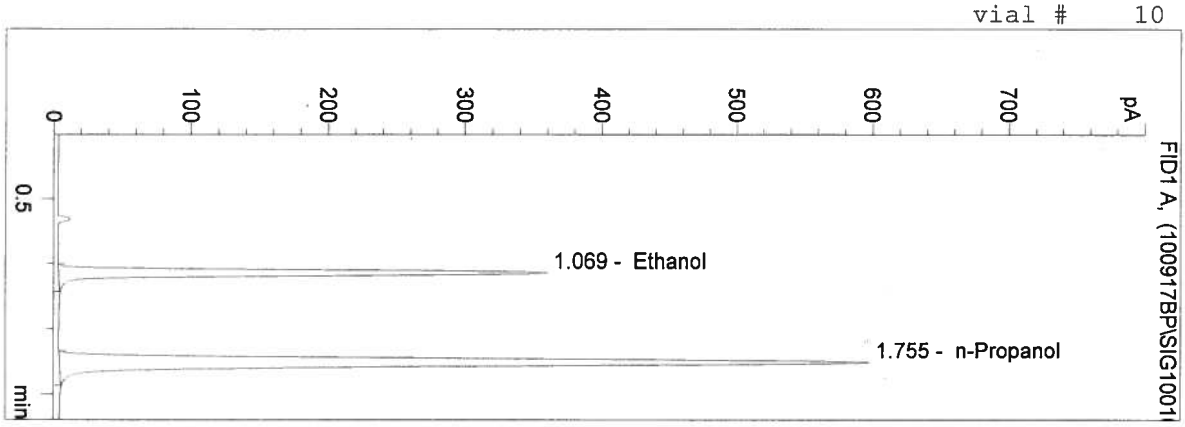
= 10040

WASHINGTON STATE TOXICOLOGY LABORATORY

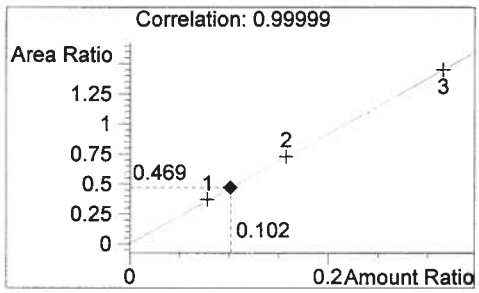
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 9:04:32 AM
Instrument 1
DB ALC 1

10040 #1
Brianna Peterson

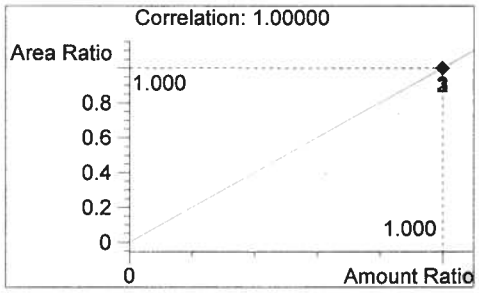
vial # 10



#	Compound	Area	RT
1	Ethanol	1103	1.069
2	n-Propanol	2350	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

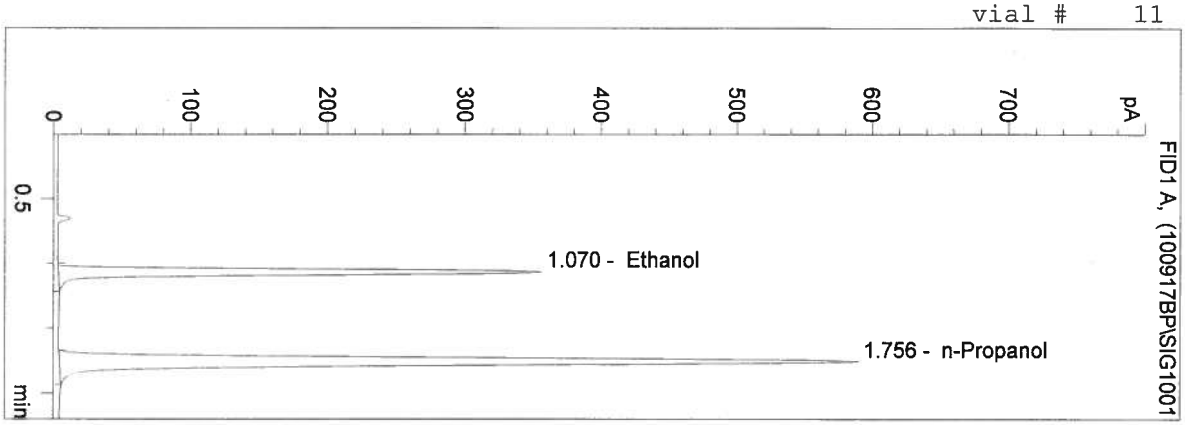
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

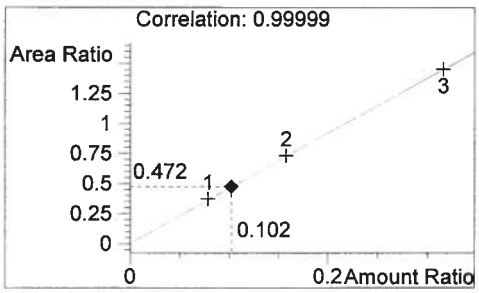
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 9:07:37 AM
Instrument 1
DB ALC 1

10040 #2
Brianna Peterson

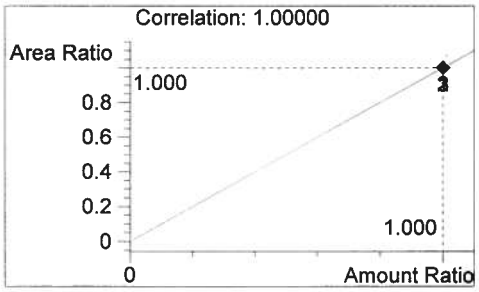
vial # 11



#	Compound	Area	RT
1	Ethanol	1091	1.070
2	n-Propanol	2310	1.756
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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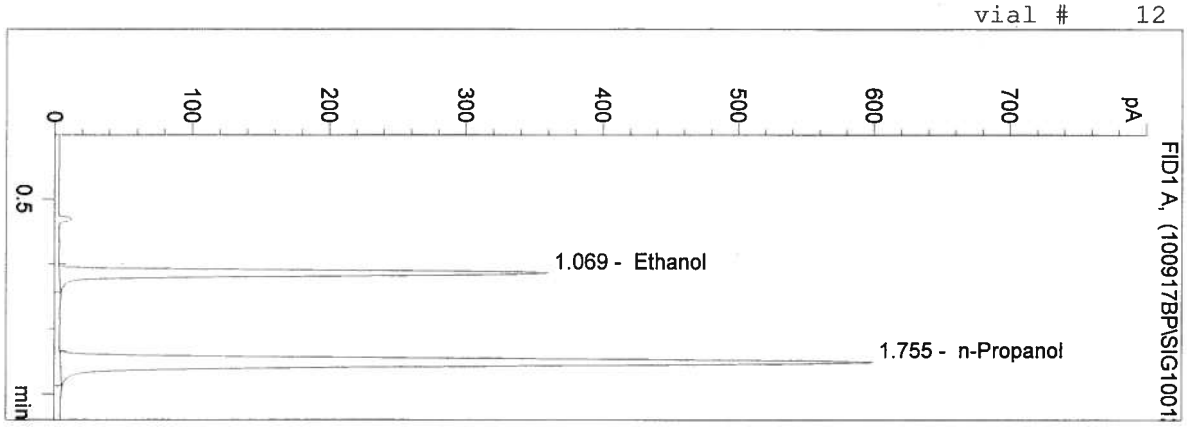
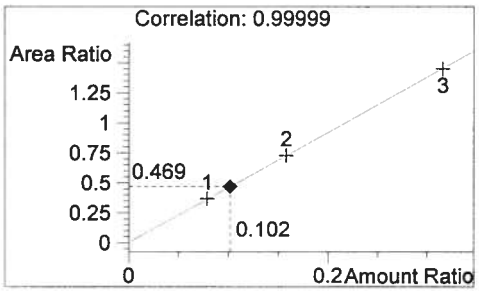
9/17/2010 9:10:42 AM
Instrument 1
DB ALC 1

10040 #3
Brianna Peterson

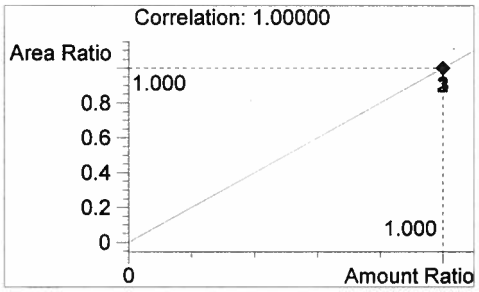
vial # 12



#	Compound	Area	RT
1	Ethanol	1104	1.069
2	n-Propanol	2353	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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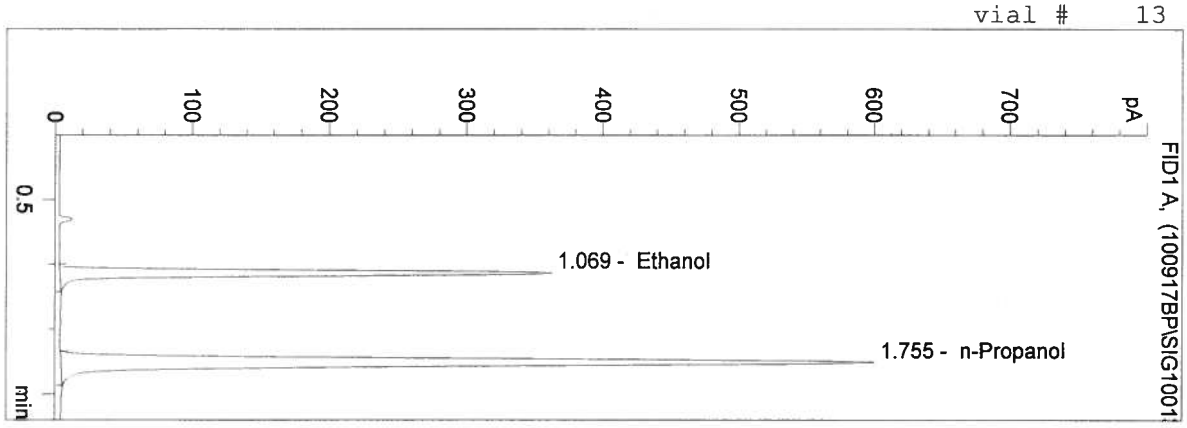
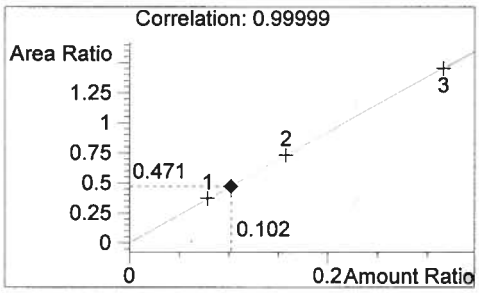
9/17/2010 9:13:47 AM
Instrument 1
DB ALC 1

10040 #4
Brianna Peterson

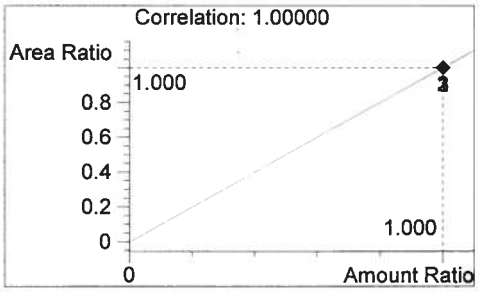
vial # 13



#	Compound	Area	RT
1	Ethanol	1109	1.069
2	n-Propanol	2352	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

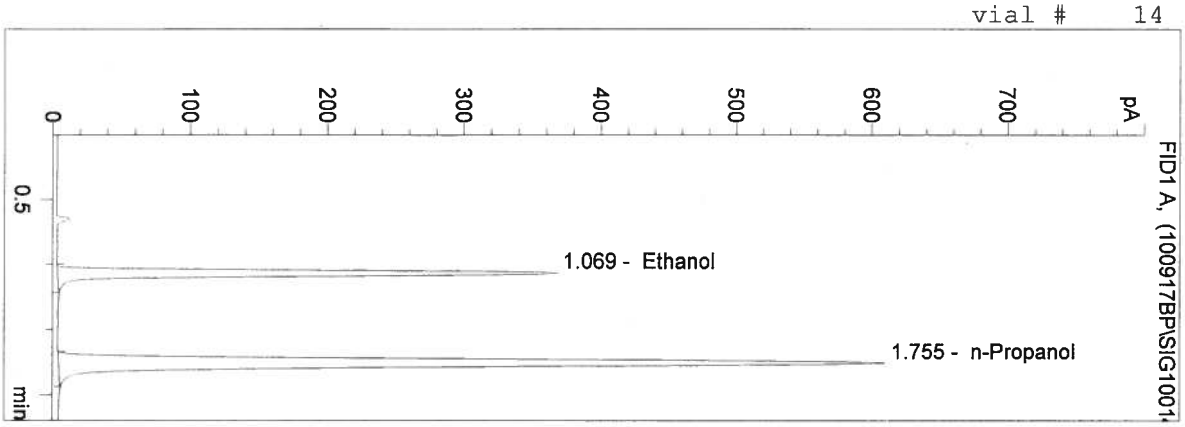
BB

WASHINGTON STATE TOXICOLOGY LABORATORY

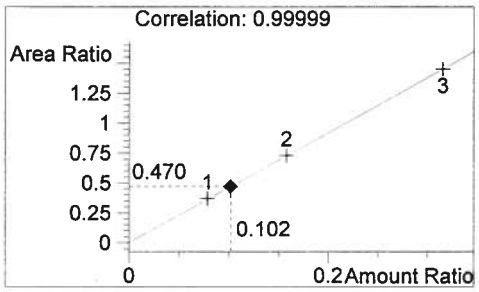
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 9:16:51 AM
Instrument 1
DB ALC 1

10040 #5
Brianna Peterson

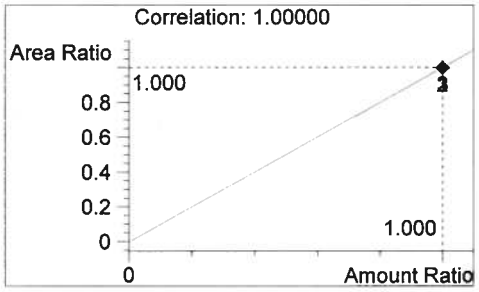
vial # 14



#	Compound	Area	RT
1	Ethanol	1124	1.069
2	n-Propanol	2391	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

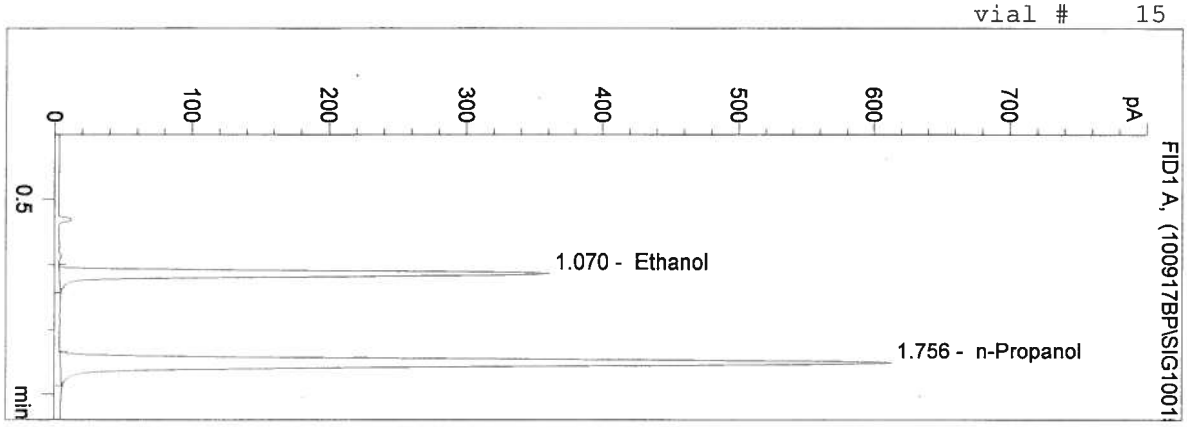
BS

WASHINGTON STATE TOXICOLOGY LABORATORY

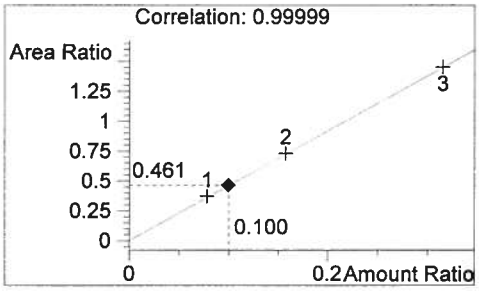
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 9:19:54 AM
Instrument 1
DB ALC 1

0.10 CTRL - BP
Brianna Peterson

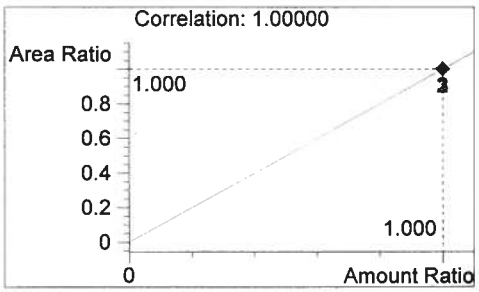
vial # 15



#	Compound	Area	RT
1	Ethanol	1110	1.070
2	n-Propanol	2406	1.756
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

10040

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Instrument 1
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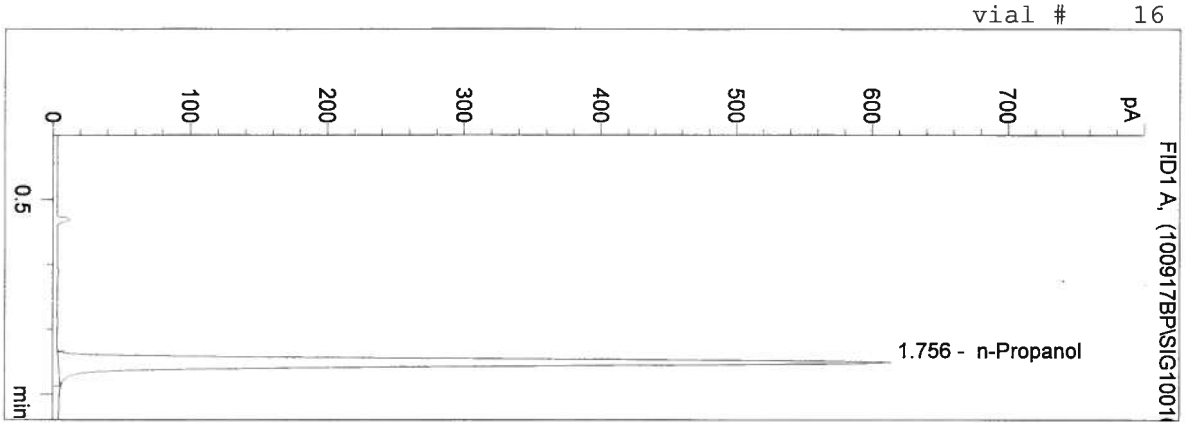
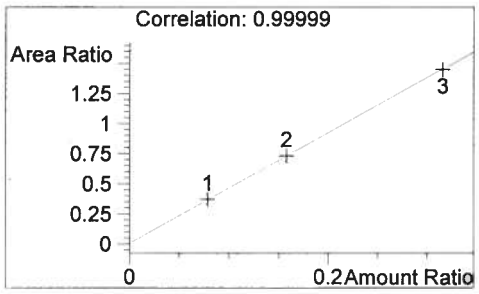
NEG CTRL - BP
Brianna Peterson

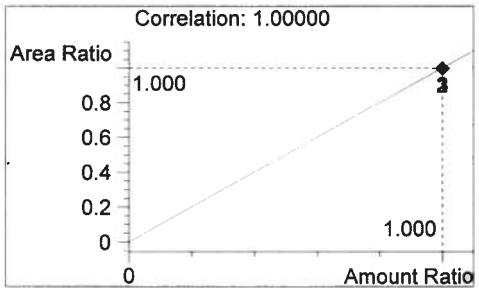
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2415	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

BP

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:	100917A2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 control lot# a068379 exp 10/2013
0.10 control lot# a071132 exp 03/2014
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	SIMALC	1	Sample		
2	Vial 2	0.079 cal 1	SIMALC	1	Calib		
3	Vial 3	0.158 cal 2	SIMALC	1	Calib		
4	Vial 4	0.316 cal 3	SIMALC	1	Calib		
5	Vial 5	neg control - al	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 ctrl al	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 ctrl al	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 ctrl al	SIMALC	1	Ctrl Samp		
9	Vial 9	neg control - al	SIMALC	1	Ctrl Samp		
10	Vial 10	10040 #1	SIMALC	1	Sample		
11	Vial 11	10040 #2	SIMALC	1	Sample		
12	Vial 12	10040 #3	SIMALC	1	Sample		
13	Vial 13	10040 #4	SIMALC	1	Sample		
14	Vial 14	10040 #5	SIMALC	1	Sample		
15	Vial 15	0.10 ctrl al	SIMALC	1	Ctrl Samp		
16	Vial 16	neg control - al	SIMALC	1	Ctrl Samp		

Calibration Part:

≈ 10040

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

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Sequence Table (Back Injector):

No entries - empty table!

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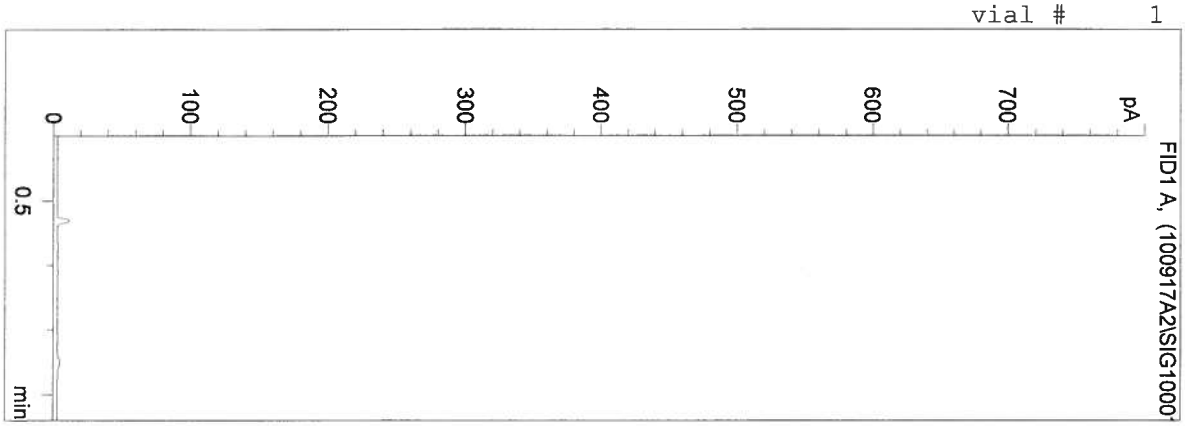
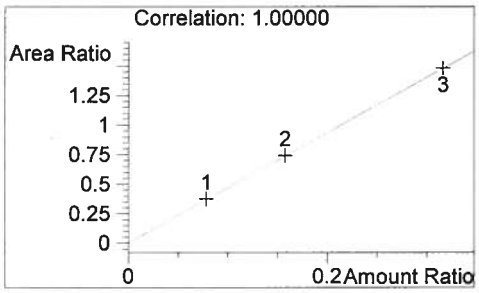
Instrument 1
DB ALC 1

blank
asa louis

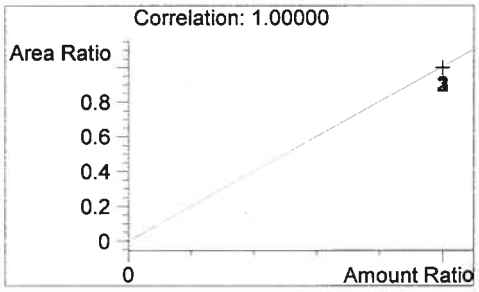
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

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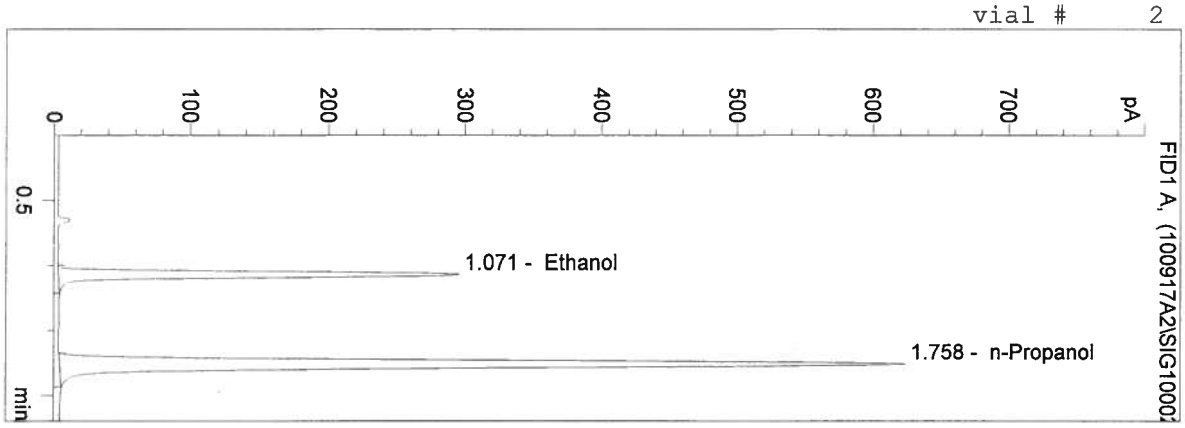
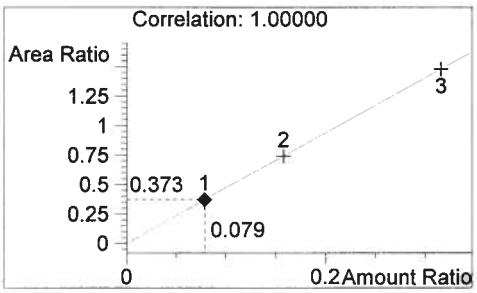
Instrument 1
DB ALC 1

0.079 cal 1
asa louis

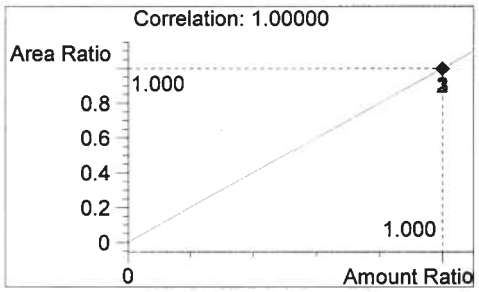
vial # 2



#	Compound	Area	RT
1	Ethanol	915	1.071
2	n-Propanol	2453	1.758
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

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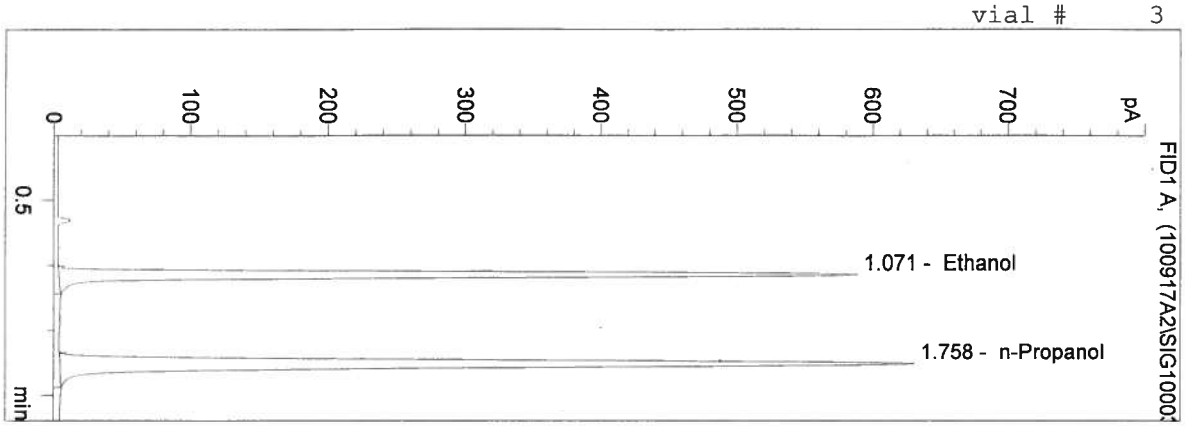
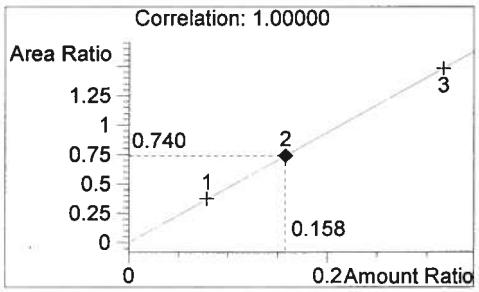
Instrument 1
DB ALC 1

0.158 cal 2
asa louis

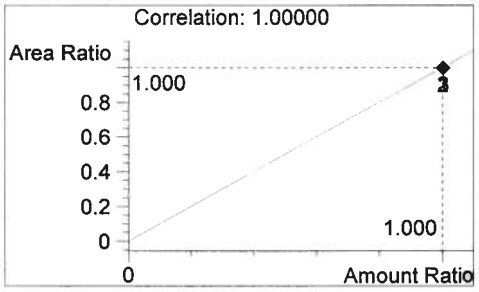
vial # 3



#	Compound	Area	RT
1	Ethanol	1839	1.071
2	n-Propanol	2486	1.758
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

10040

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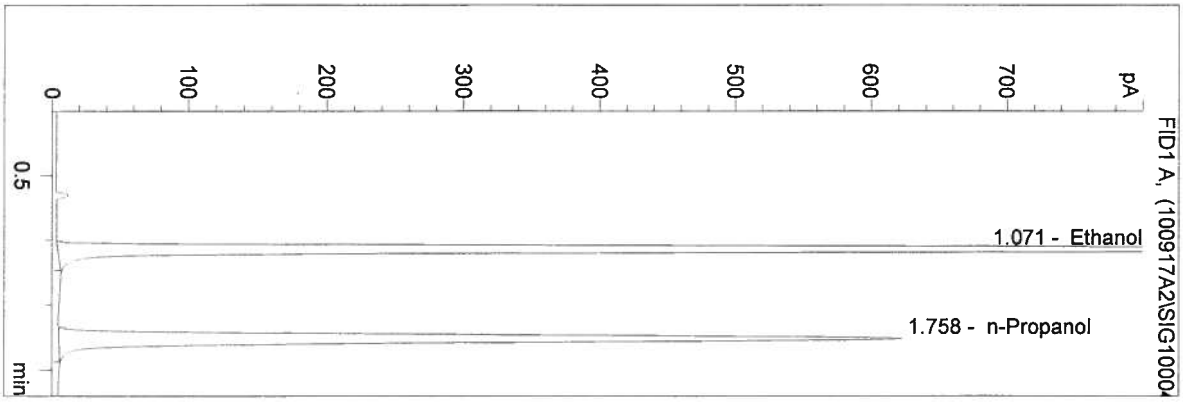
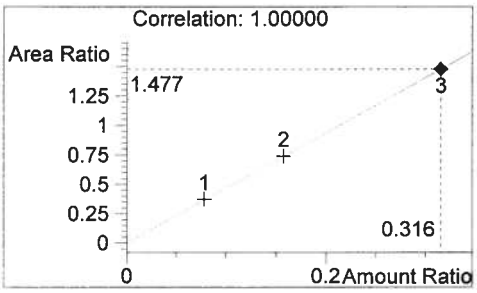
Instrument 1
DB ALC 1

0.316 cal 3
asa louis

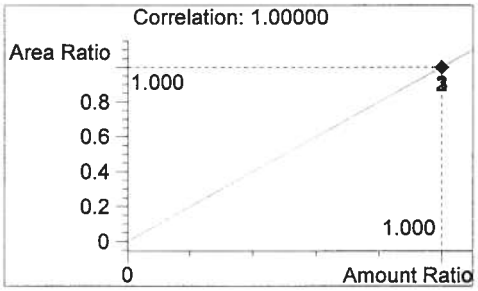
vial # 4



#	Compound	Area	RT
1	Ethanol	3617	1.071
2	n-Propanol	2449	1.758
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

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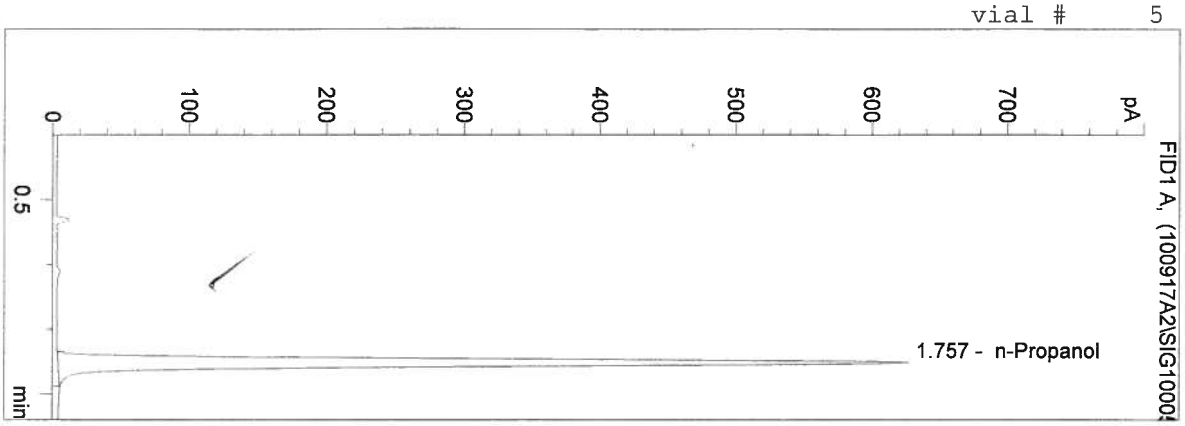
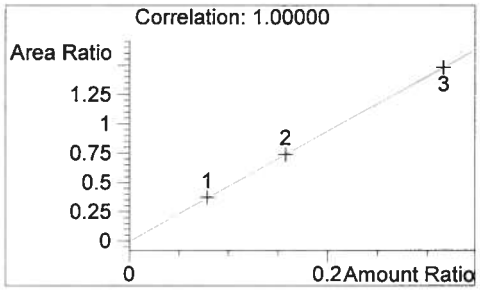
Instrument 1
DB ALC 1

neg control - al
asa louis

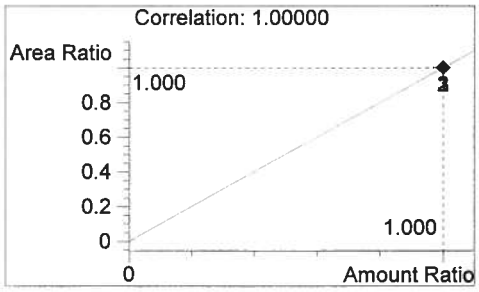
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2478	1.757
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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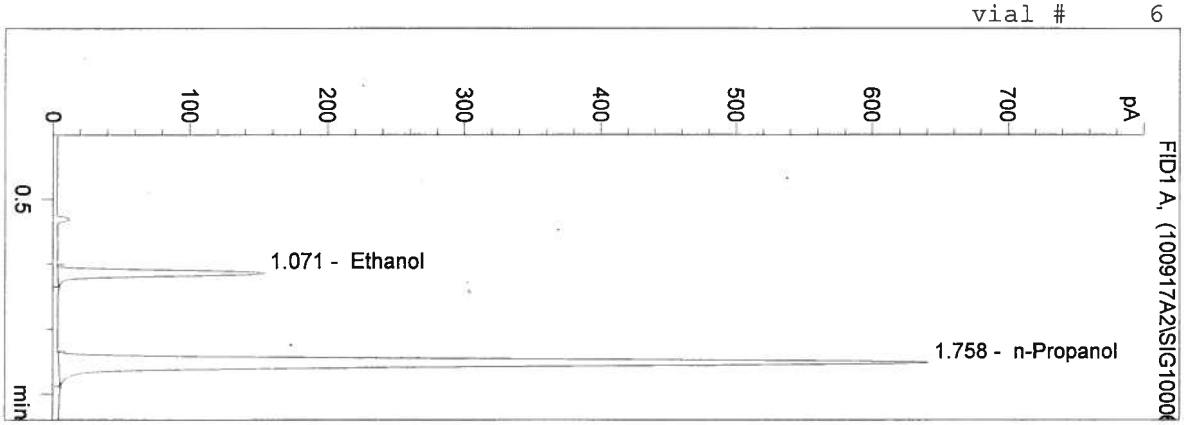
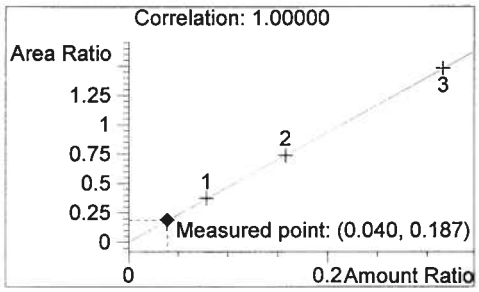
Instrument 1
DB ALC 1

0.04 ctrl al
asa louis

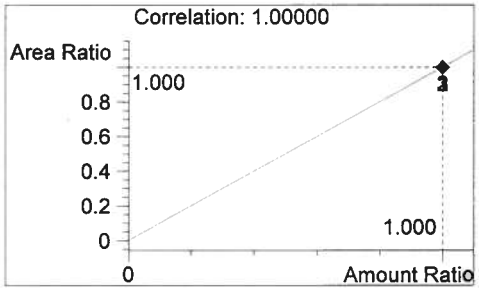
vial # 6



#	Compound	Area	RT
1	Ethanol	472	1.071
2	n-Propanol	2528	1.758
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

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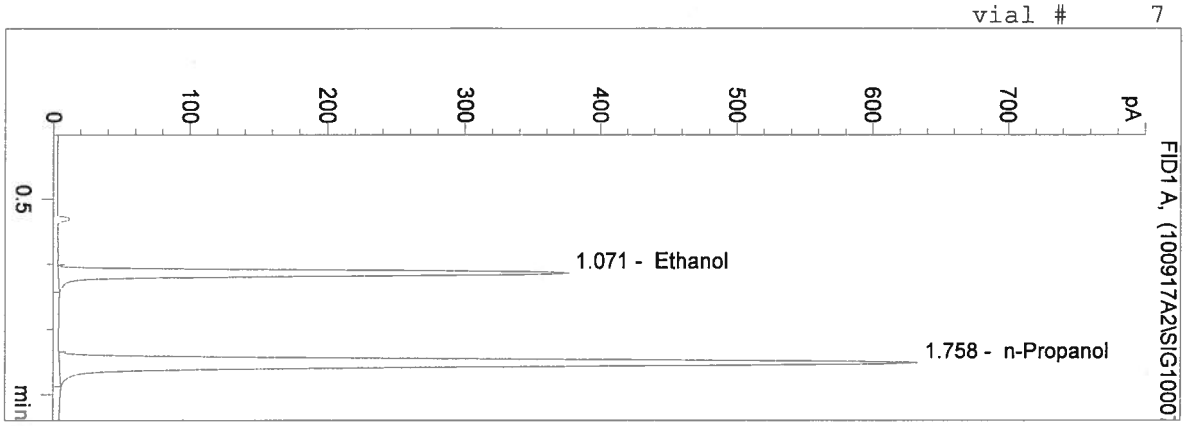
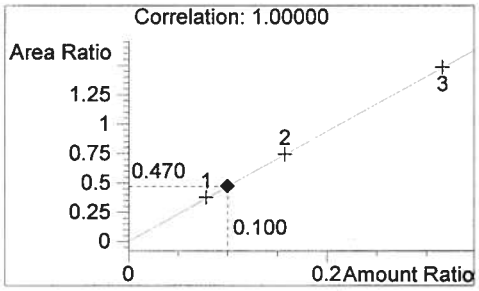
Instrument 1
DB ALC 1

0.10 ctrl al
asa louis

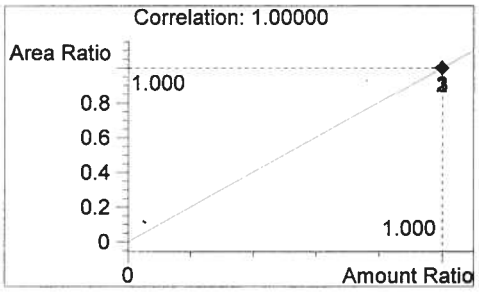
vial # 7



#	Compound	Area	RT
1	Ethanol	1176	1.071
2	n-Propanol	2505	1.758
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

10040

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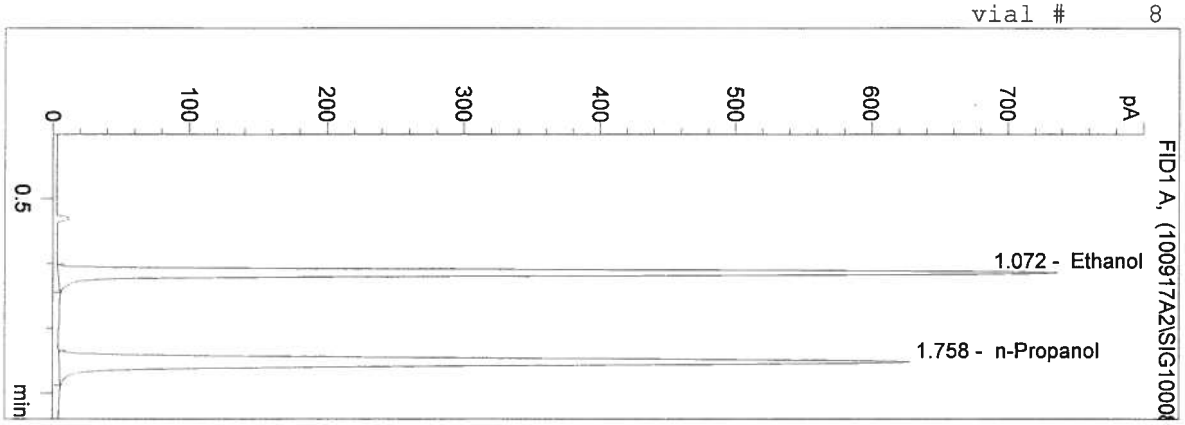
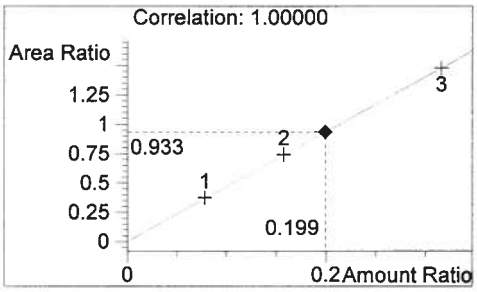
Instrument 1
DB ALC 1

0.20 ctrl al
asa louis

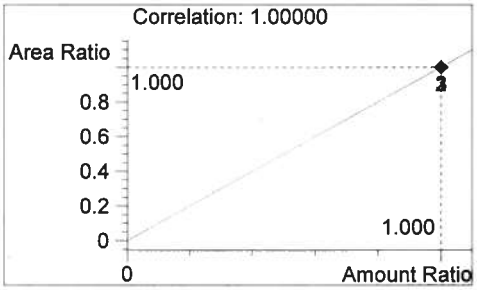
vial # 8



#	Compound	Area	RT
1	Ethanol	2309	1.072
2	n-Propanol	2476	1.758
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

10040

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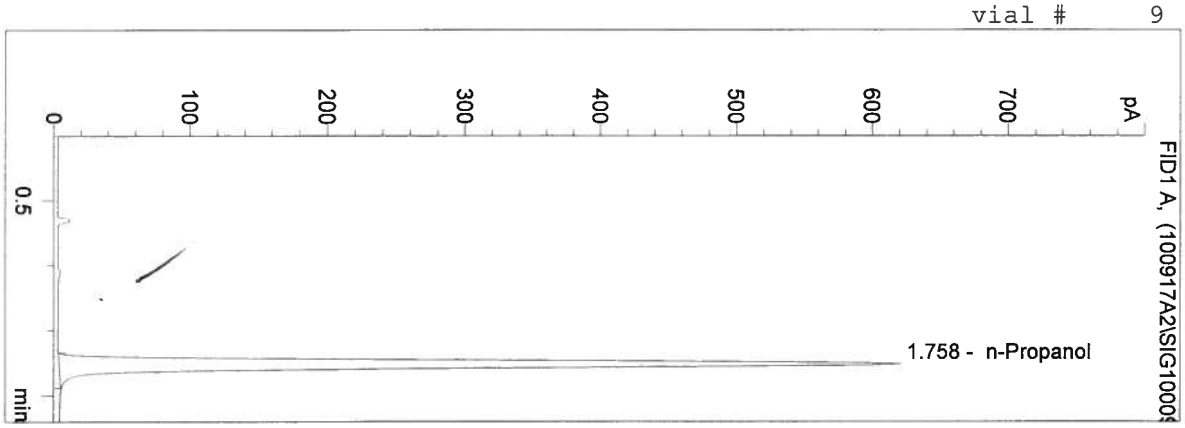
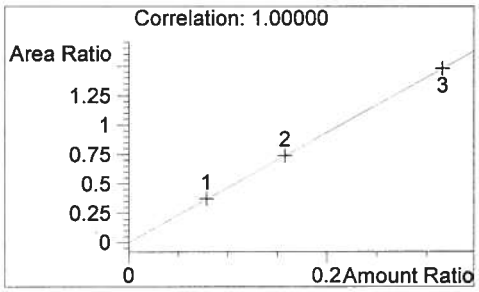
Instrument 1
DB ALC 1

neg control - al
asa louis

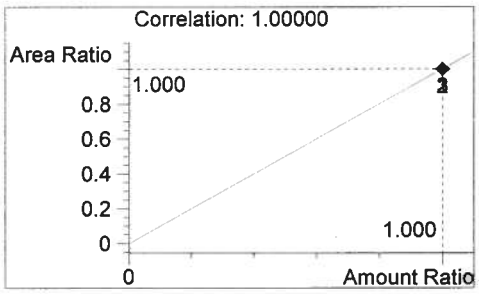
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2454	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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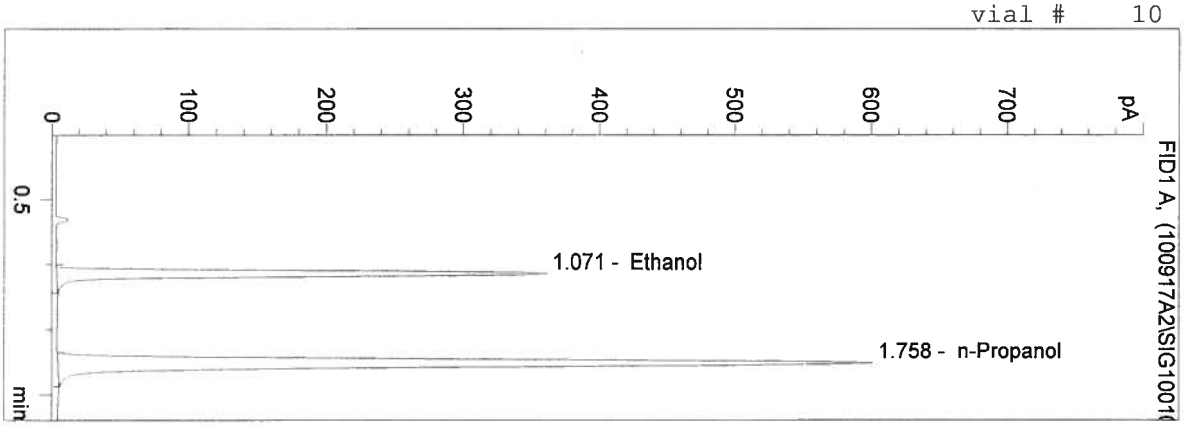
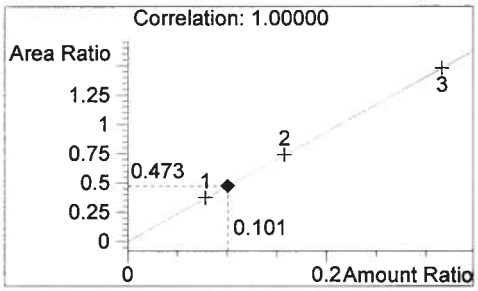
Instrument 1
DB ALC 1

10040 #1
asa louis

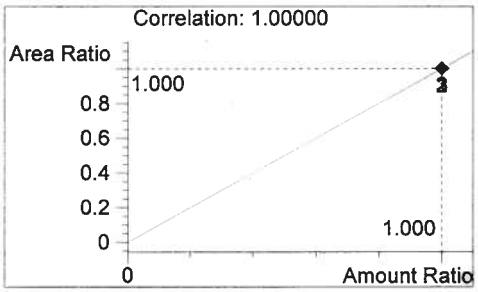
vial # 10



#	Compound	Area	RT
1	Ethanol	1121	1.071
2	n-Propanol	2369	1.758
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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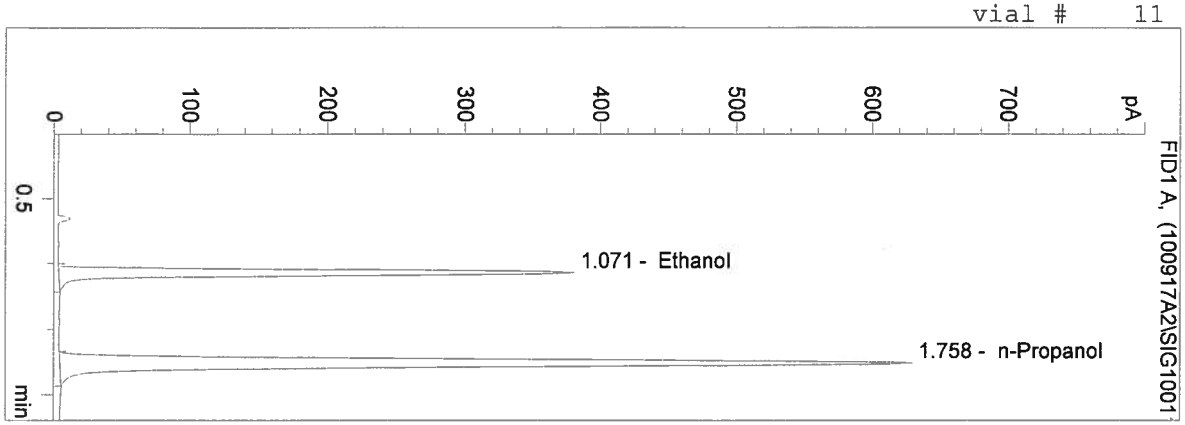
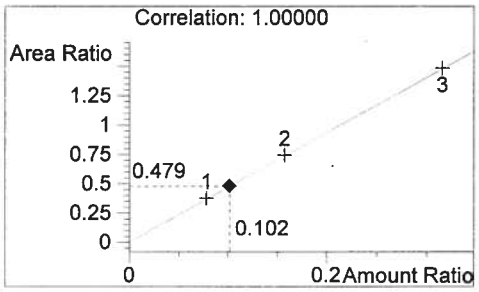
Instrument 1
DB ALC 1

10040 #2
asa louis

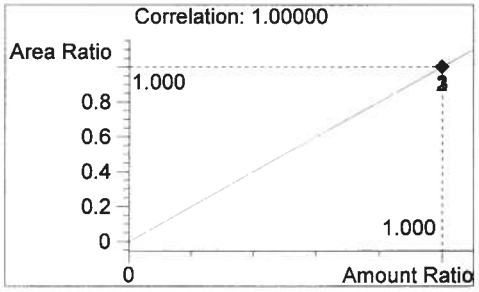
vial # 11



#	Compound	Area	RT
1	Ethanol	1189	1.071
2	n-Propanol	2481	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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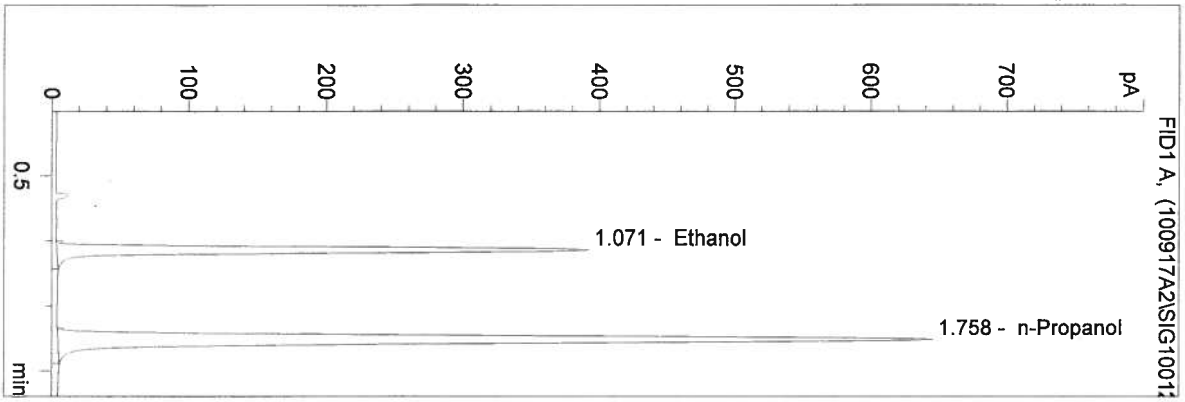
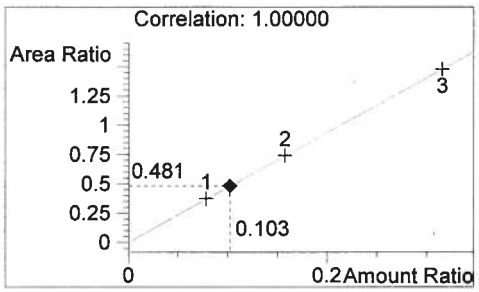
Instrument 1
DB ALC 1

10040 #3
asa louis

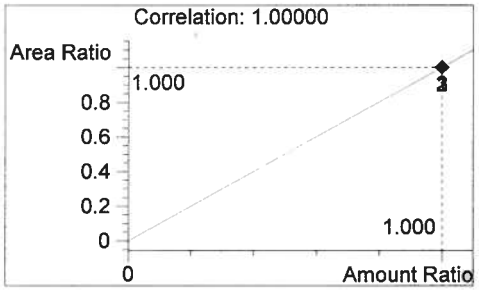
vial # 12



#	Compound	Area	RT
1	Ethanol	1226	1.071
2	n-Propanol	2550	1.758
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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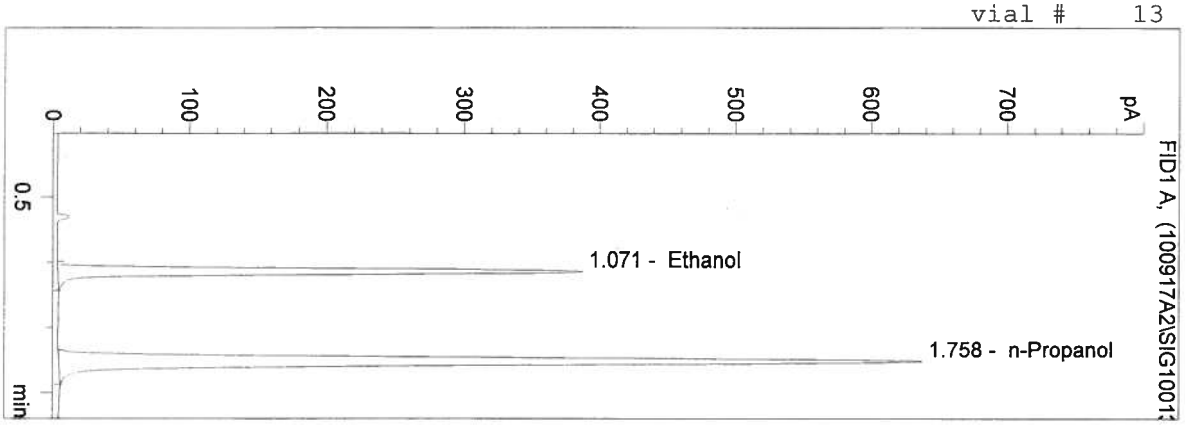
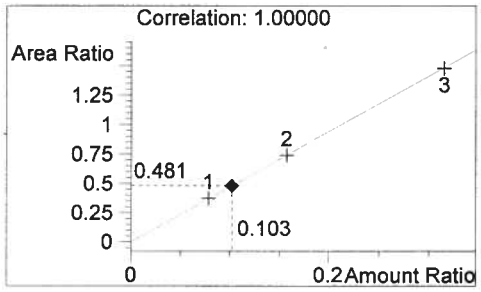
Instrument 1
DB ALC 1

10040 #4
asa louis

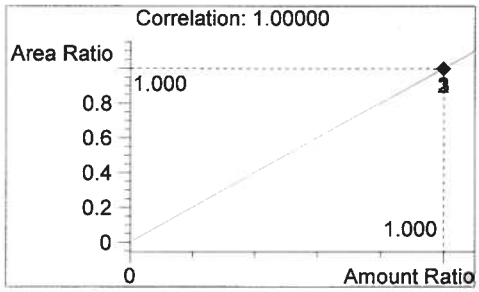
vial # 13



#	Compound	Area	RT
1	Ethanol	1209	1.071
2	n-Propanol	2514	1.758
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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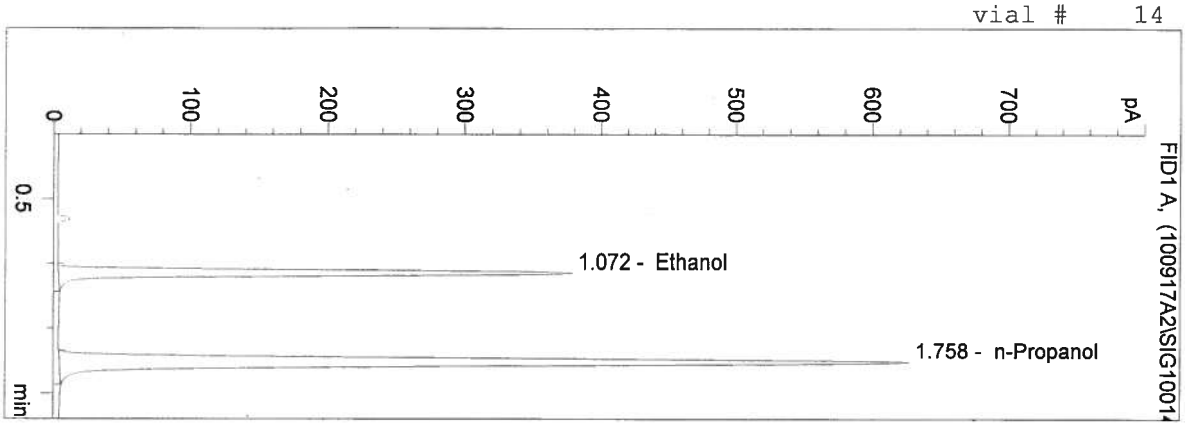
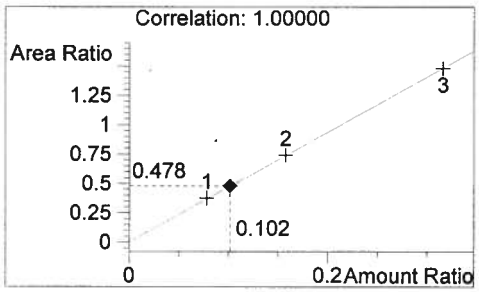
Instrument 1
DB ALC 1

10040 #5
asa louis

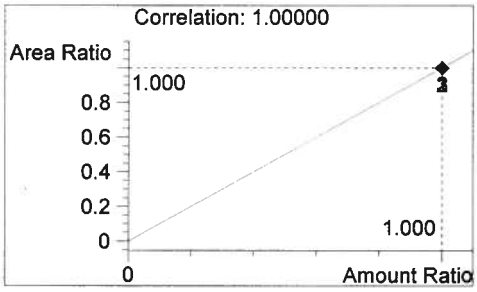
vial # 14



#	Compound	Area	RT
1	Ethanol	1185	1.072
2	n-Propanol	2477	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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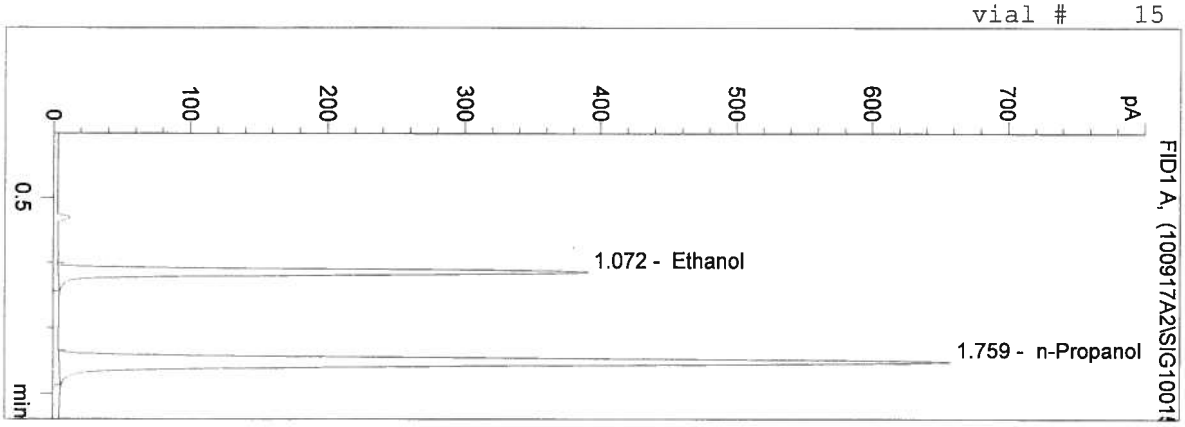
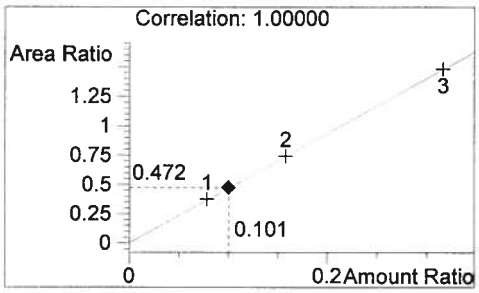
Instrument 1
DB ALC 1

0.10 ctrl al
asa louis

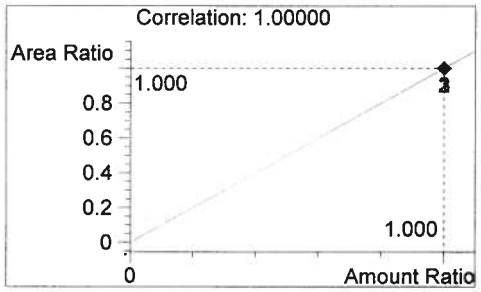
vial # 15



#	Compound	Area	RT
1	Ethanol	1227	1.072
2	n-Propanol	2601	1.759
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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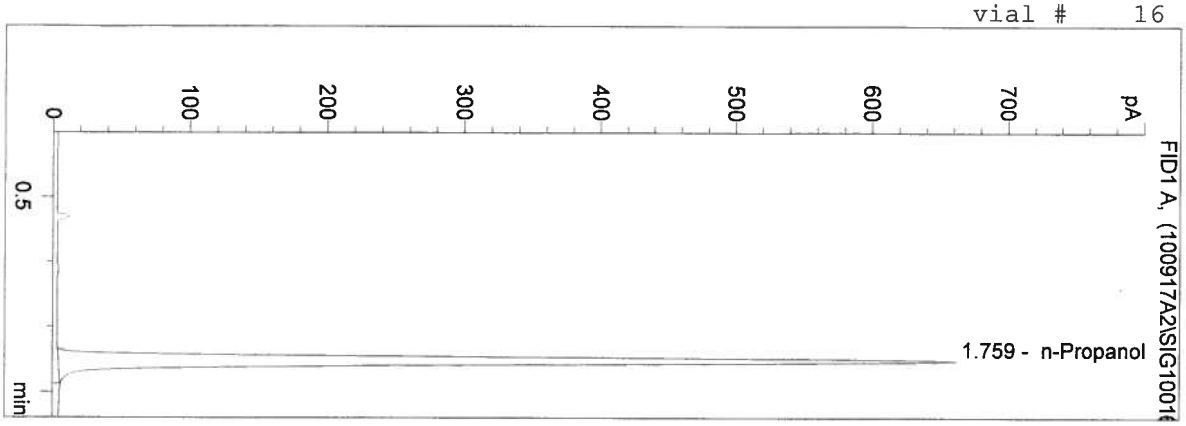
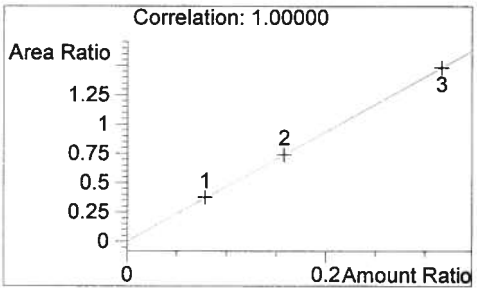
Instrument 1
DB ALC 1

neg control - al
asa louis

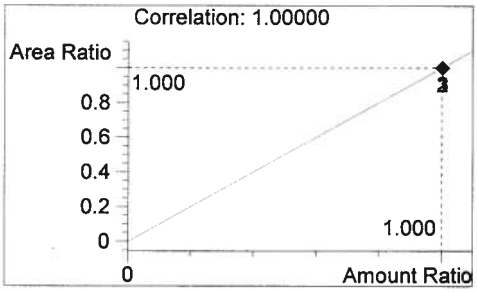
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2618	1.759
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

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Sequence Parameters:

Operator:	Chris Johnston
Data File Naming:	Prefix/Counter
Signal 1 Prefix:	SIG1
Counter:	0001
Signal 2 Prefix:	SIG2
Counter:	0001
Data Directory:	C:\HPCHEM\1\DATA\
Data Subdirectory:	100917C2
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot#A068379 - exp 10/2013
0.10 Control - Lot#A071132 - exp 03/2014
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-CJ	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL-CJ	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL-CJ	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		
10	Vial 10	10040 #1 CJ	SIMALC	1	Sample		
11	Vial 11	10040 #2 CJ	SIMALC	1	Sample		
12	Vial 12	10040 #3 CJ	SIMALC	1	Sample		
13	Vial 13	10040 #4 CJ	SIMALC	1	Sample		
14	Vial 14	10040 #5 CJ	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL-CJ	SIMALC	1	Ctrl Samp		

10040

CJ

Calibration Part:

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

Sequence Table (Back Injector):

No entries - empty table!

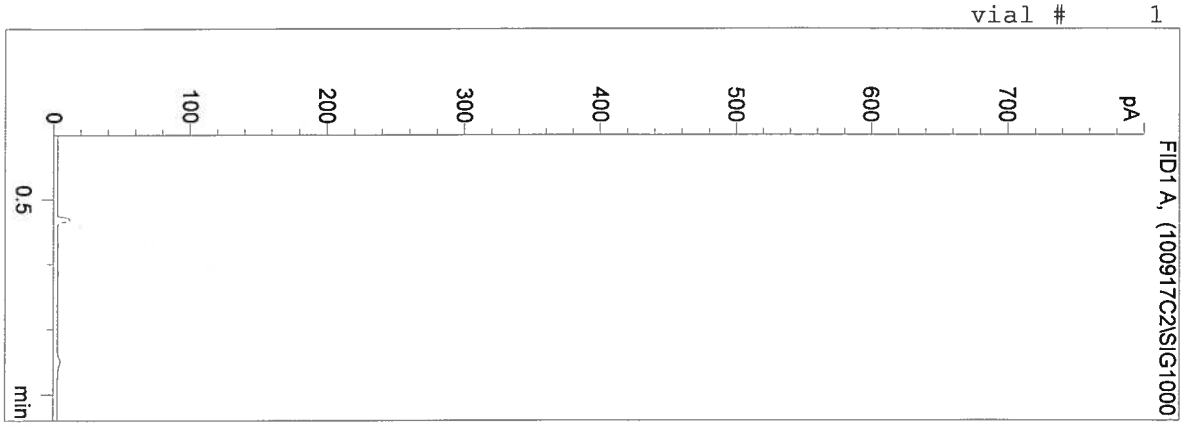
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

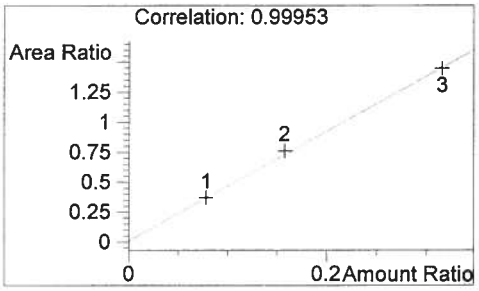
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 4:59:35 PM
Instrument 1
DB ALC 1

BLANK-CJ
Chris Johnston

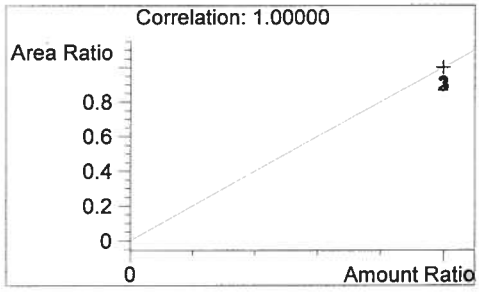
vial # 1



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



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

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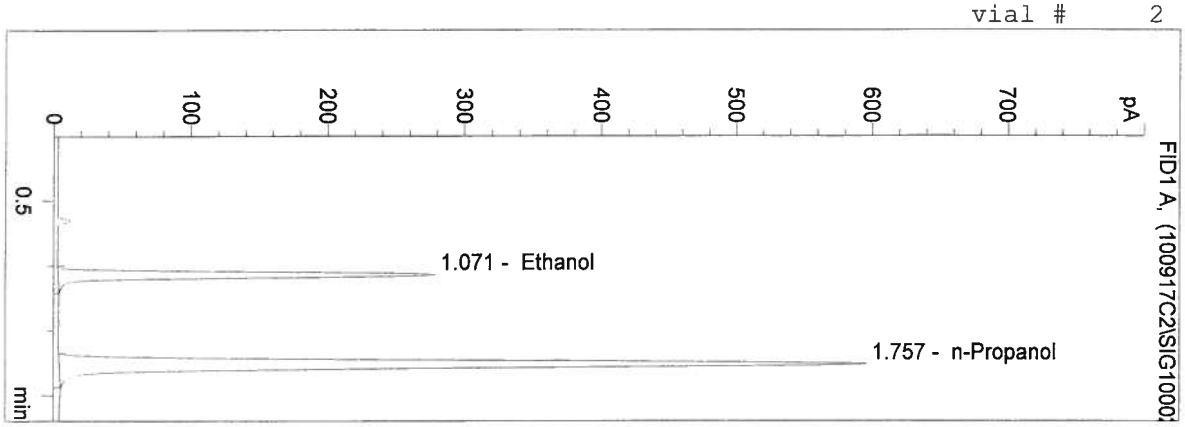
WASHINGTON STATE TOXICOLOGY LABORATORY

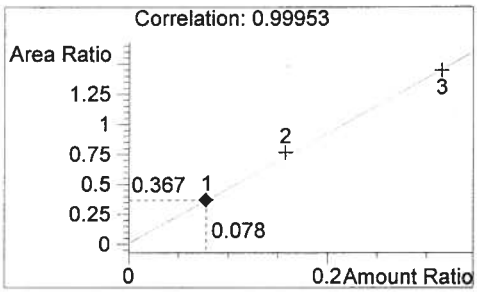
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 5:02:39 PM
Instrument 1
DB ALC 1

0.079 CAL 1
Chris Johnston

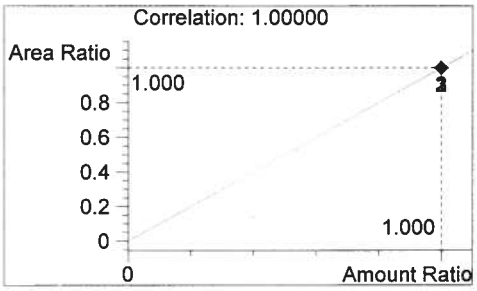
vial # 2



#	Compound	Area	RT
1	Ethanol	861	1.071
2	n-Propanol	2346	1.757
Tot			



Ethanol 0.078 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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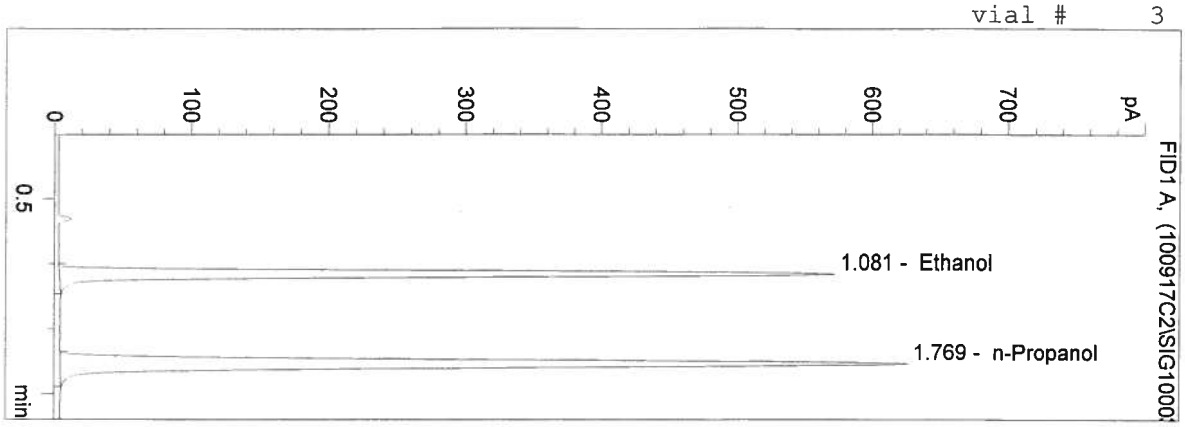
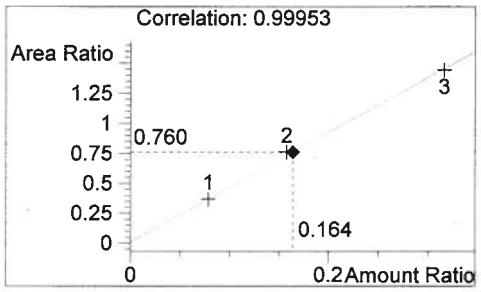
9/17/2010 5:05:44 PM
Instrument 1
DB ALC 1

0.158 CAL 2
Chris Johnston

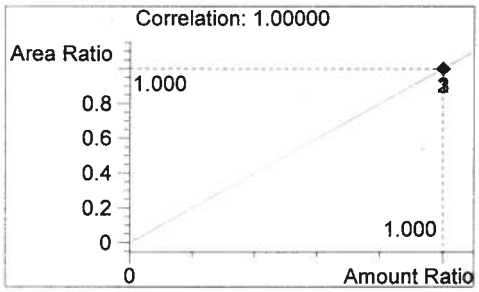
vial # 3



#	Compound	Area	RT
1	Ethanol	1958	1.081
2	n-Propanol	2577	1.769
Tot			



Ethanol 0.164 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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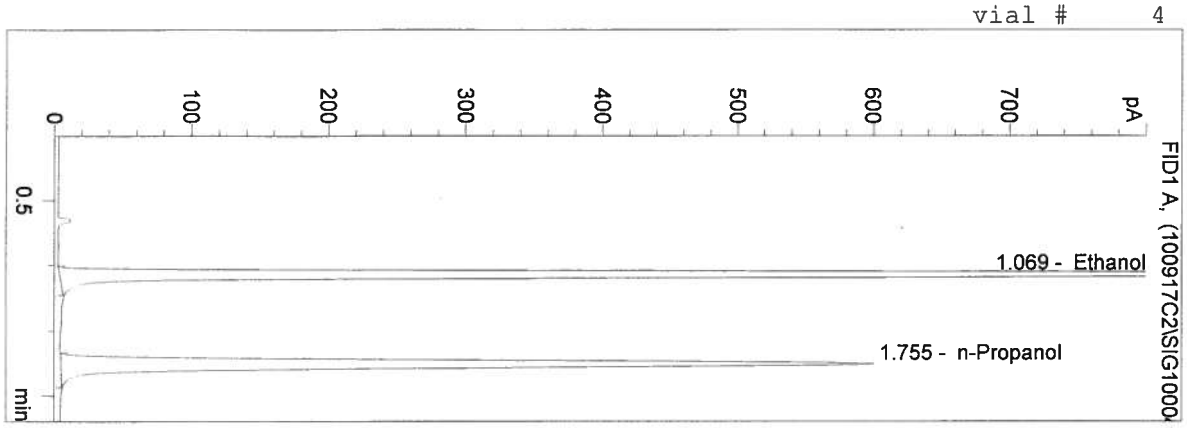
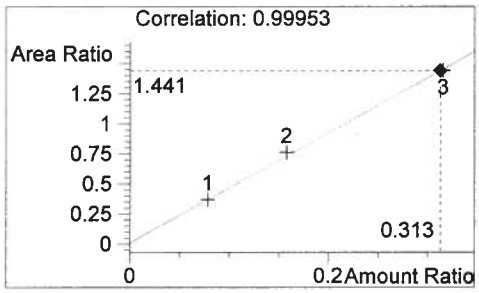
9/17/2010 5:08:49 PM
Instrument 1
DB ALC 1

0.316 CAL 3
Chris Johnston

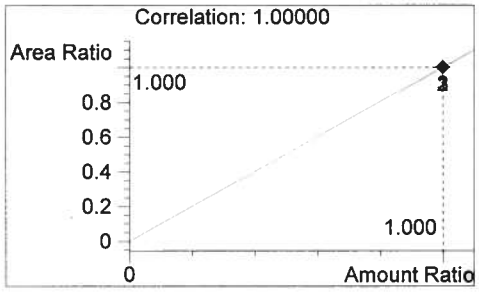
vial # 4



#	Compound	Area	RT
1	Ethanol	3400	1.069
2	n-Propanol	2360	1.755
Tot			



Ethanol 0.313 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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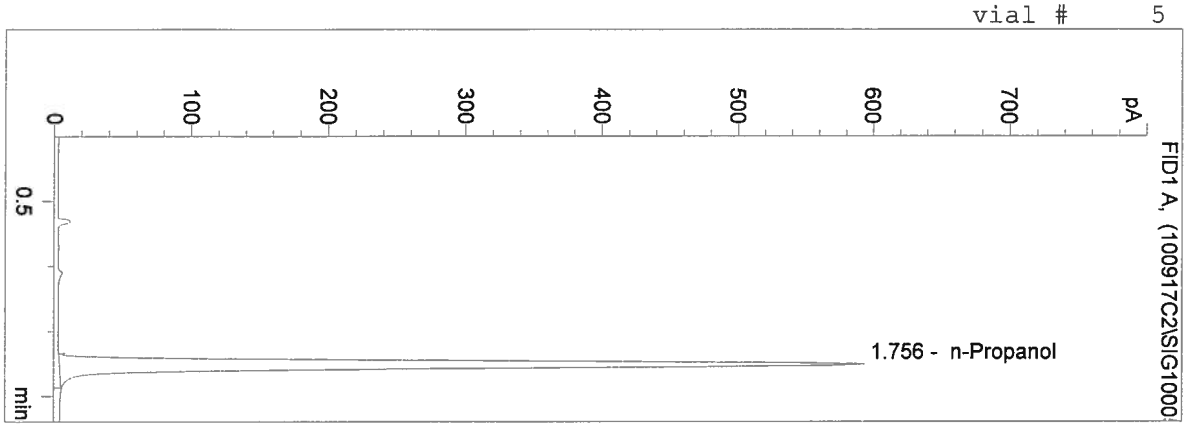
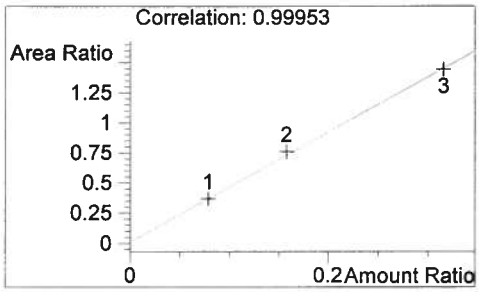
9/17/2010 5:11:54 PM
Instrument 1
DB ALC 1

NEG CTRL-CJ
Chris Johnston

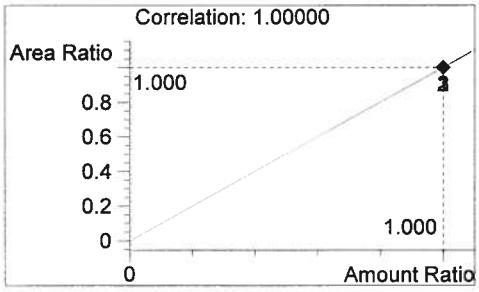
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2337	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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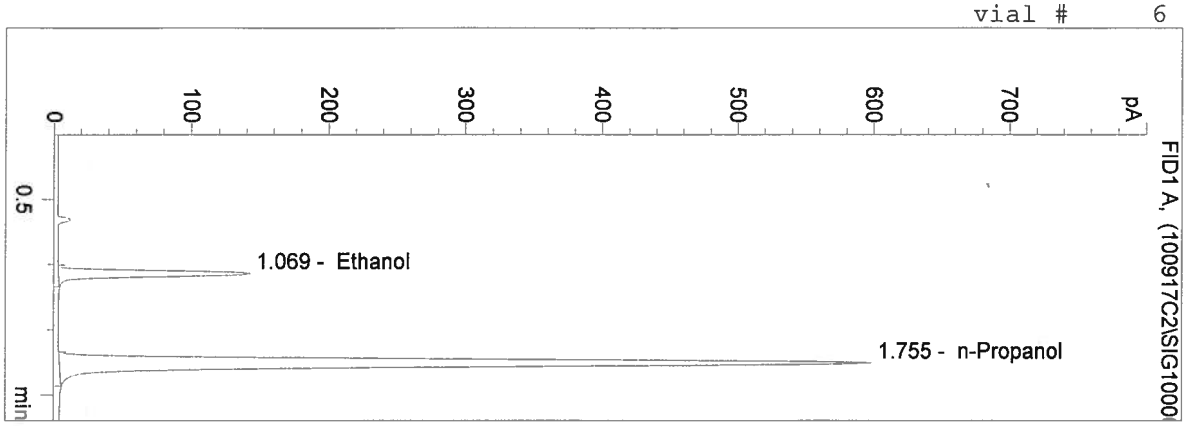
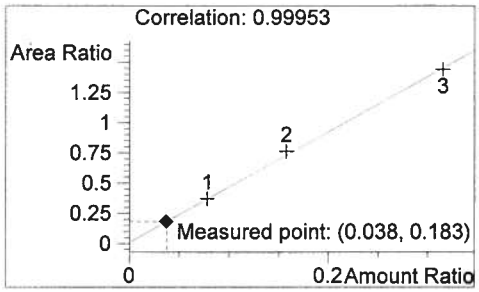
9/17/2010 5:14:59 PM
Instrument 1
DB ALC 1

0.04 CTRL-CJ
Chris Johnston

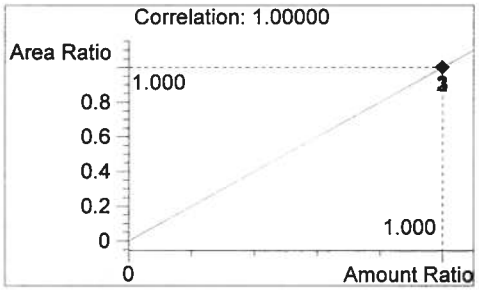
vial # 6



#	Compound	Area	RT
1	Ethanol	430	1.069
2	n-Propanol	2355	1.755
Tot			



Ethanol 0.038 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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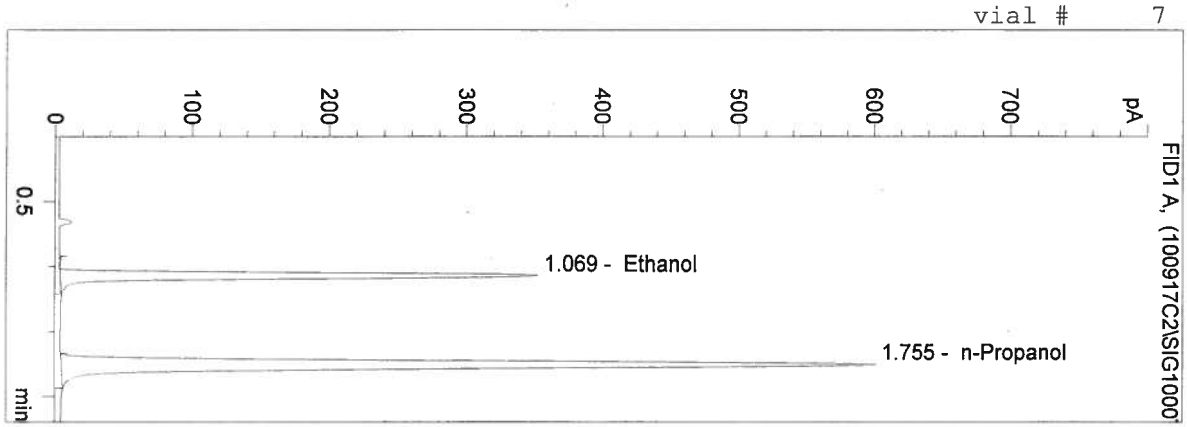
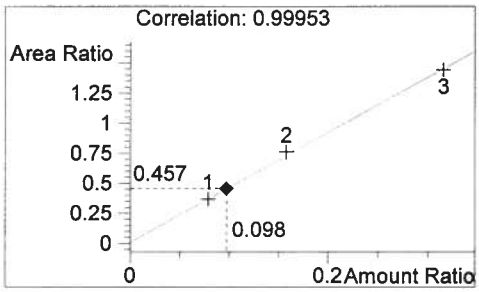
Instrument 1
DB ALC 1

0.10 CTRL-CJ
Chris Johnston

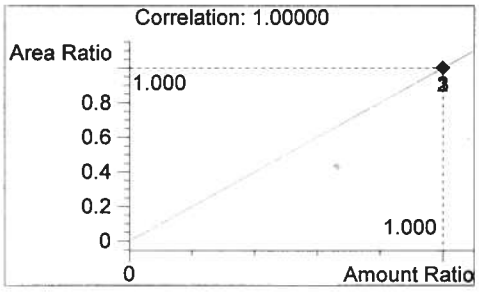
vial # 7



#	Compound	Area	RT
1	Ethanol	1083	1.069
2	n-Propanol	2373	1.755
Tot			



Ethanol 0.098 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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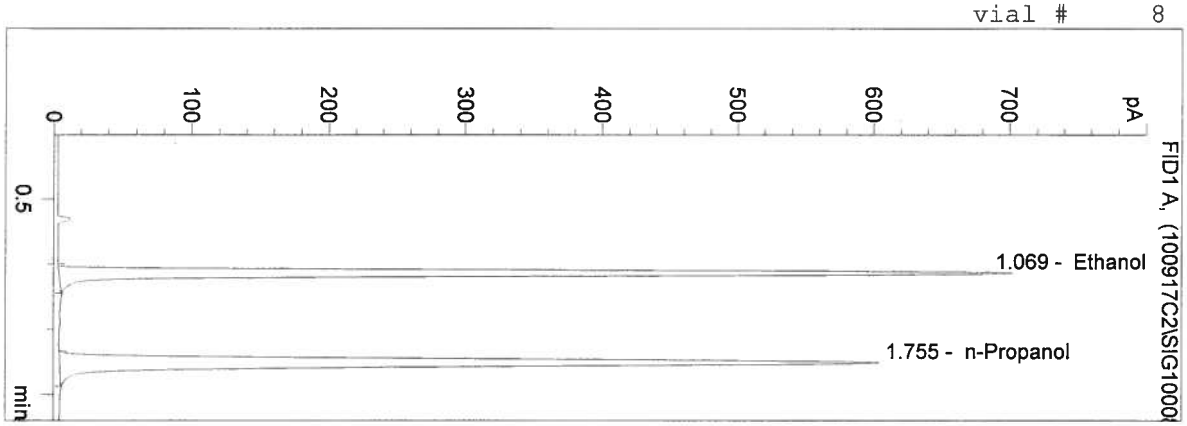
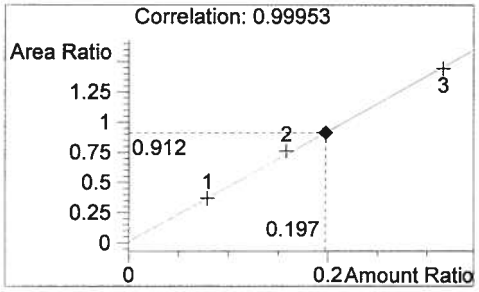
Instrument 1
DB ALC 1

0.20 CTRL-CJ
Chris Johnston

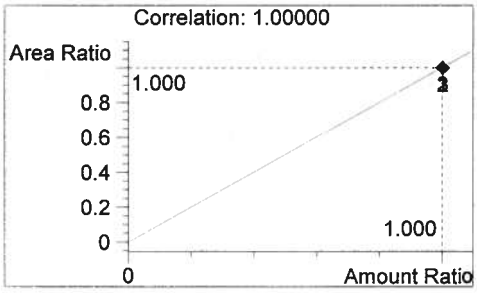
vial # 8



#	Compound	Area	RT
1	Ethanol	2173	1.069
2	n-Propanol	2382	1.755
Tot			



Ethanol 0.197 g/100 mL



n-Propanol 1.000 g/100 mL

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10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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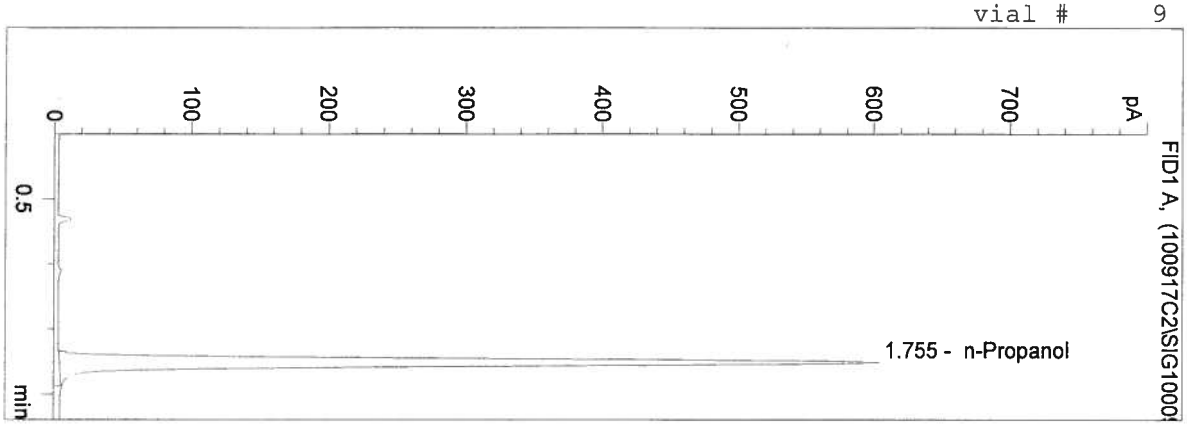
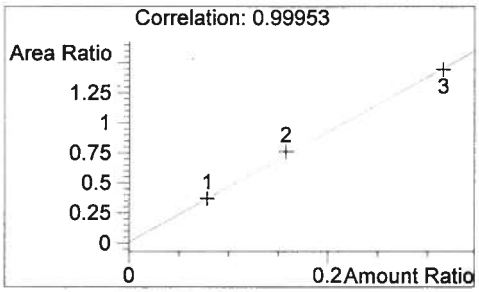
9/17/2010 5:24:13 PM
Instrument 1
DB ALC 1

NEG CTRL-CJ
Chris Johnston

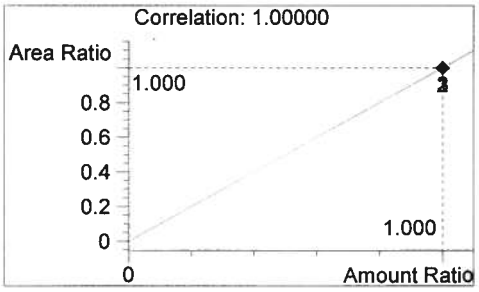
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2381	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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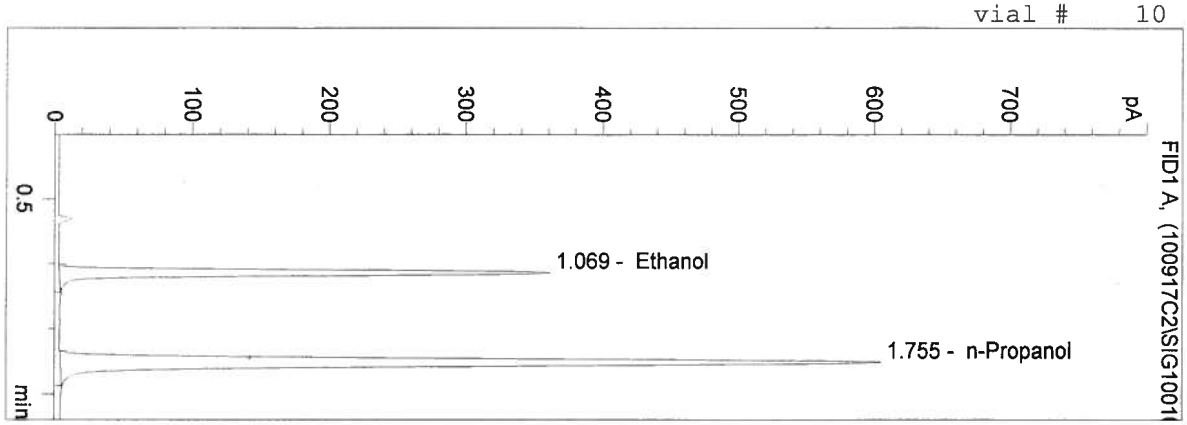
10040

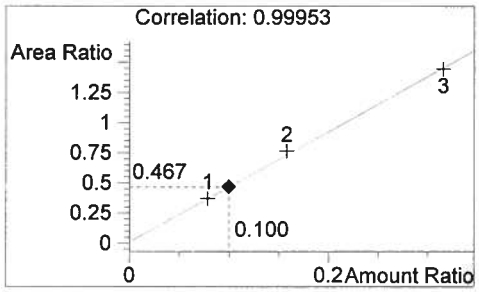
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 5:27:17 PM
Instrument 1
DB ALC 1

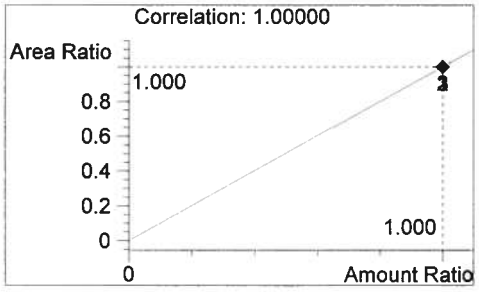
10040 #1 CJ
Chris Johnston
vial # 10



#	Compound	Area	RT
1	Ethanol	1112	1.069
2	n-Propanol	2381	1.755
Tot			



Ethanol 0.100 g/100 mL



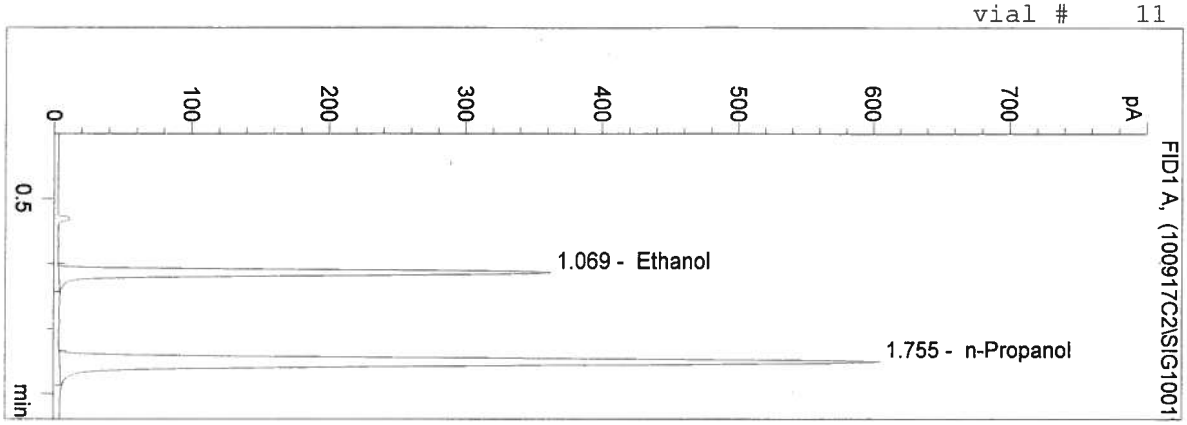
n-Propanol 1.000 g/100 mL

CJ

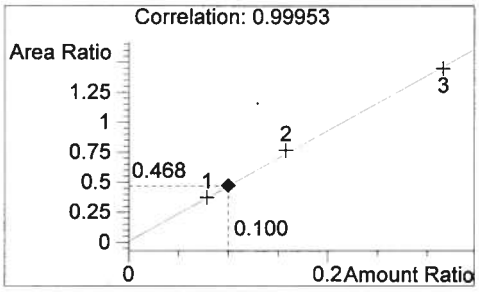
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 5:30:22 PM
Instrument 1
DB ALC 1

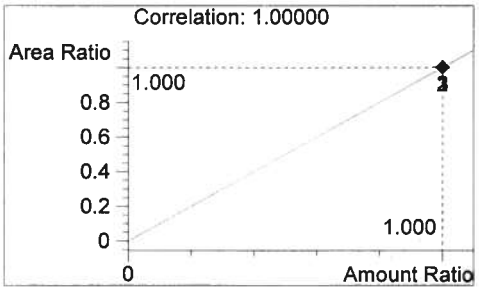
10040 #2 CJ
Chris Johnston
vial # 11



#	Compound	Area	RT
1	Ethanol	1117	1.069
2	n-Propanol	2385	1.755
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

a

WASHINGTON STATE TOXICOLOGY LABORATORY

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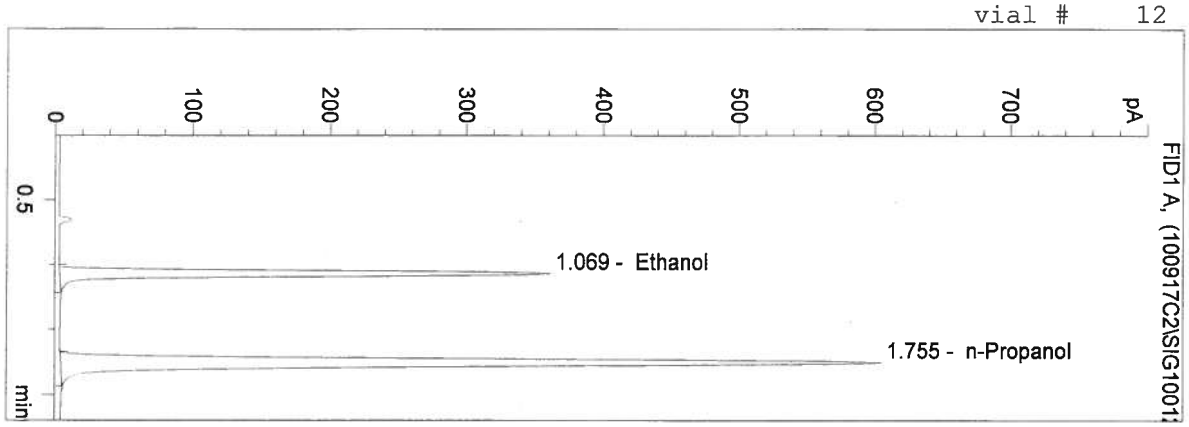
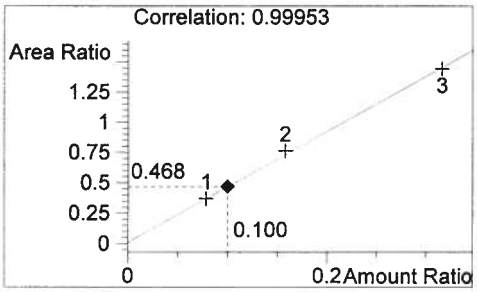
9/17/2010 5:33:27 PM
Instrument 1
DB ALC 1

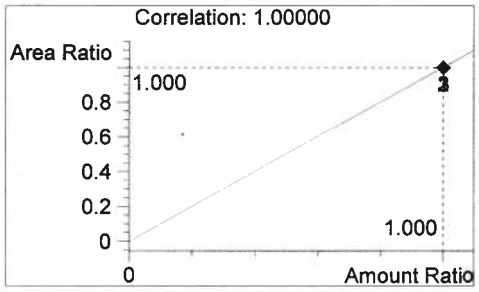
10040 #3 CJ
Chris Johnston
vial # 12



#	Compound	Area	RT
1	Ethanol	1114	1.069
2	n-Propanol	2382	1.755
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

a/

WASHINGTON STATE TOXICOLOGY LABORATORY

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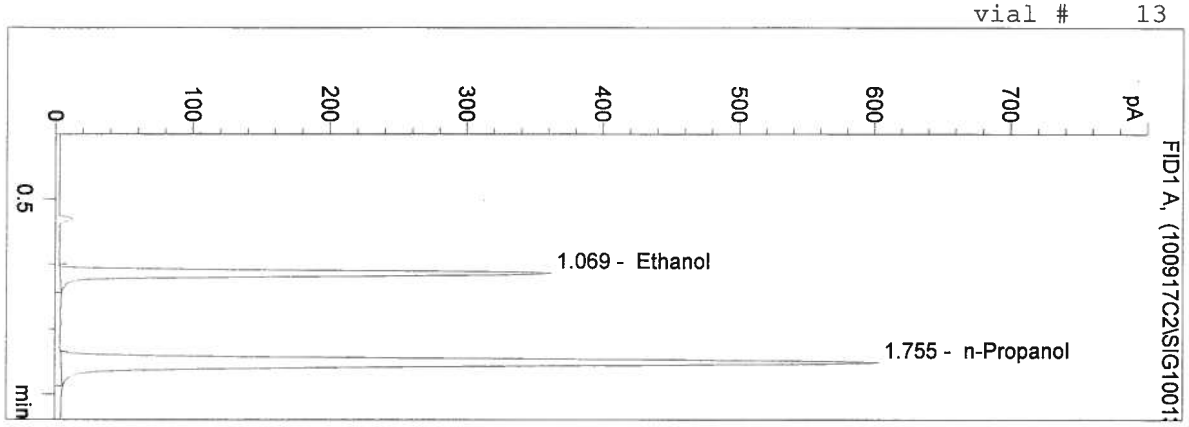
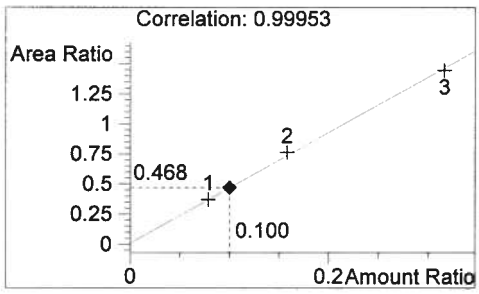
9/17/2010 5:36:32 PM
Instrument 1
DB ALC 1

10040 #4 CJ
Chris Johnston

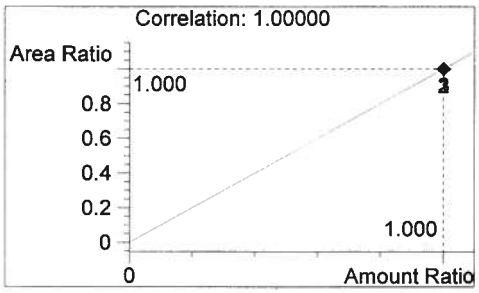
vial # 13



#	Compound	Area	RT
1	Ethanol	1111	1.069
2	n-Propanol	2374	1.755
Tot			



Ethanol 0.100 g/100 mL



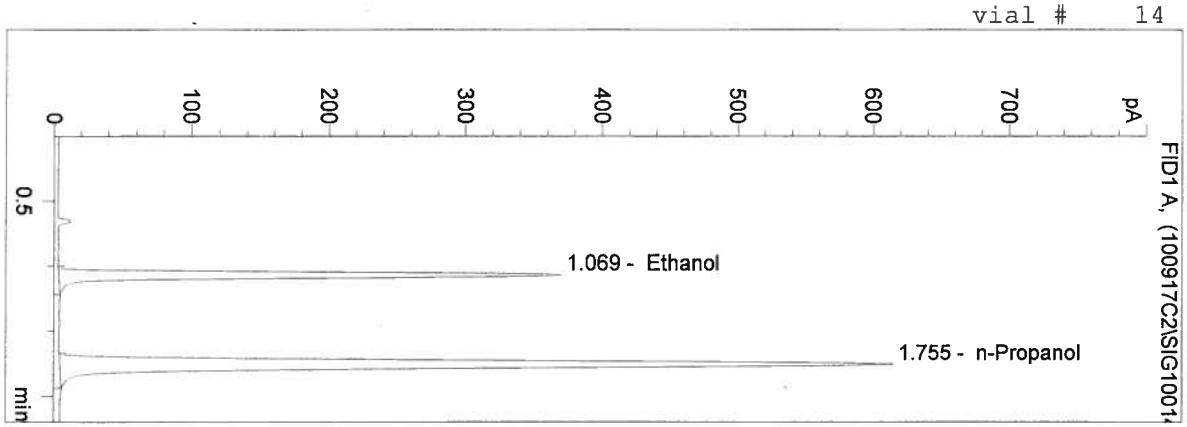
n-Propanol 1.000 g/100 mL

(1)

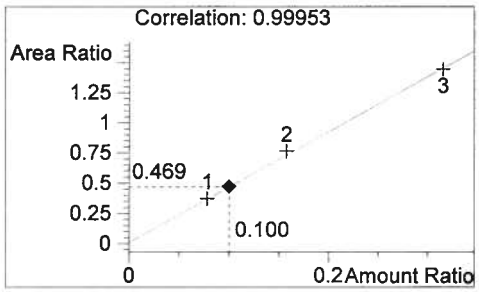
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 5:39:39 PM
Instrument 1
DB ALC 1

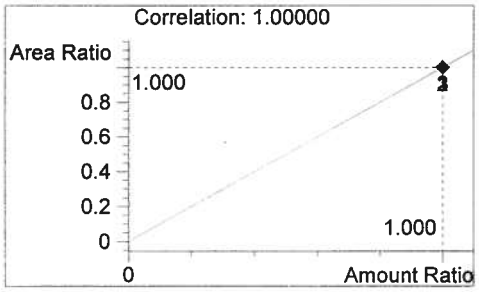
10040 #5 CJ
Chris Johnston
vial # 14



#	Compound	Area	RT
1	Ethanol	1136	1.069
2	n-Propanol	2420	1.755
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

a)

WASHINGTON STATE TOXICOLOGY LABORATORY

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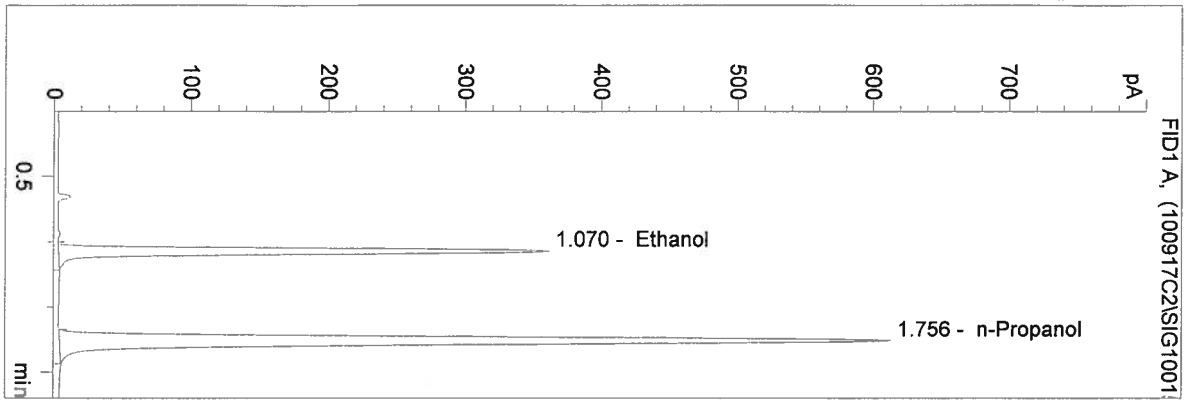
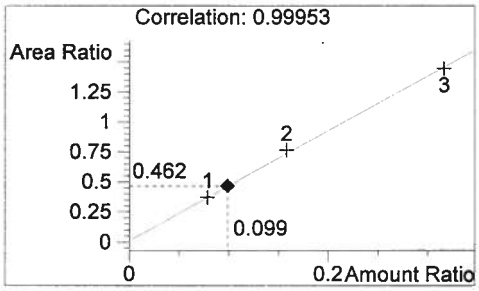
9/17/2010 5:42:41 PM
Instrument 1
DB ALC 1

0.10 CTRL-CJ
Chris Johnston

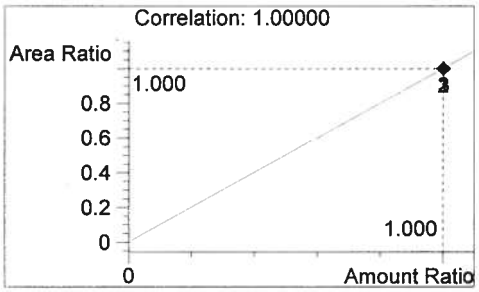
vial # 15



#	Compound	Area	RT
1	Ethanol	1118	1.070
2	n-Propanol	2419	1.756
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

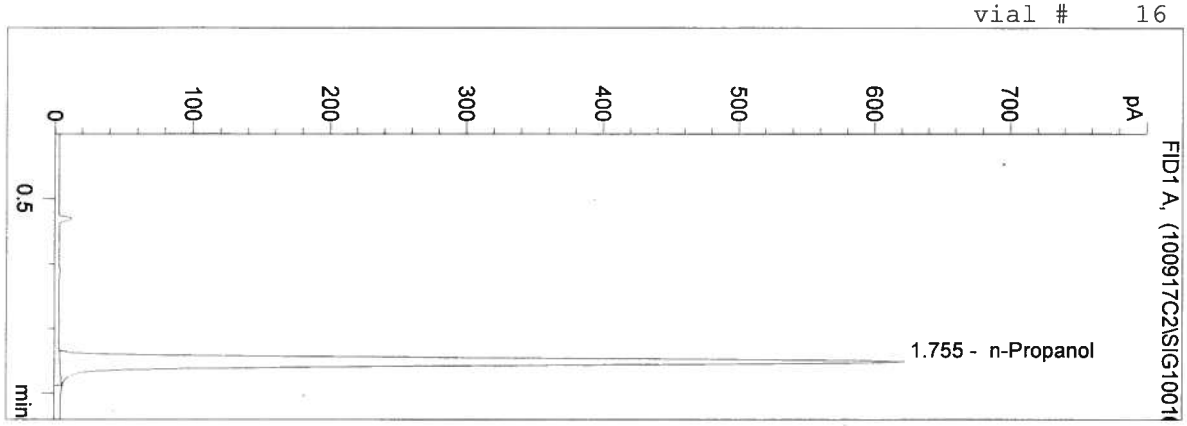
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

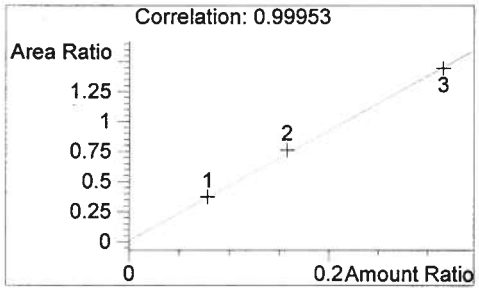
C:\HPCHEM\1\METHODS\SIMALC.M
9/17/2010 5:45:46 PM
Instrument 1
DB ALC 1

NEG CTRL-CJ
Chris Johnston

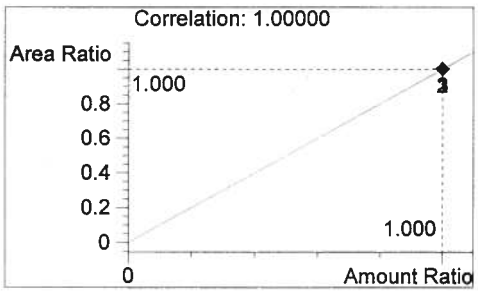
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2455	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

10040

Sequence Parameters:

Operator:	Amanda Black
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:	100920AB
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A068379 - exp 10/2013
0.10 Control - Lot # A071132 - exp 03/2014
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	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CTRL - AB	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CTRL - AB	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CTRL - AB	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CTRL - AB	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CTRL - AB	SIMALC	1	Ctrl Samp		
10	Vial 10	10040 #1	SIMALC	1	Sample		
11	Vial 11	10040 #2	SIMALC	1	Sample		
12	Vial 12	10040 #3	SIMALC	1	Sample		
13	Vial 13	10040 #4	SIMALC	1	Sample		
14	Vial 14	10040 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL - AB	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL - AB	SIMALC	1	Ctrl Samp		

Calibration Part:

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

10040

Sequence Table (Back Injector):

No entries - empty table!

= 10040

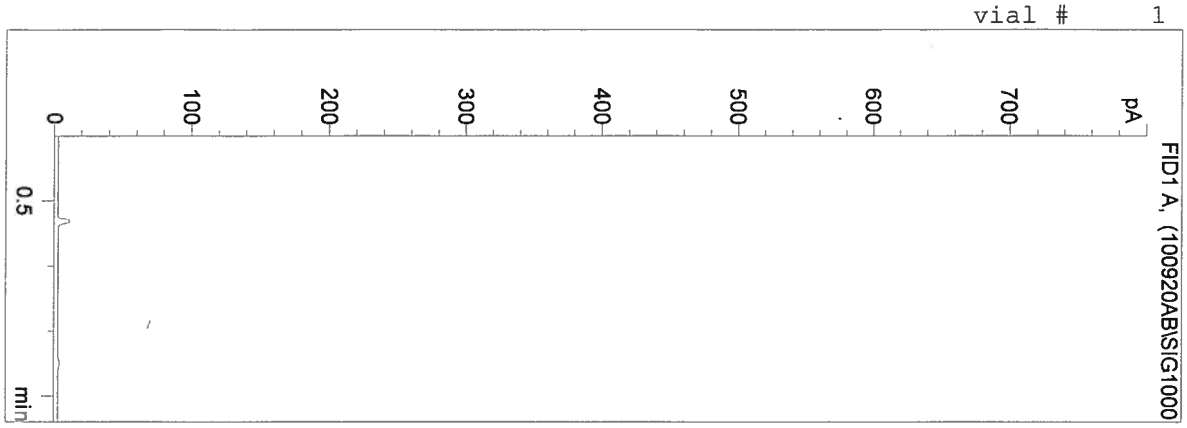
AB

WASHINGTON STATE TOXICOLOGY LABORATORY

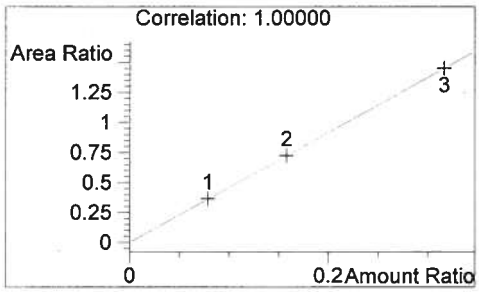
C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 9:56:31 AM
Instrument 1
DB ALC 1

BLANK
Amanda Black

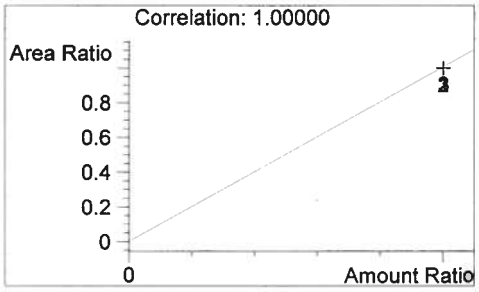
vial # 1



#	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

10040

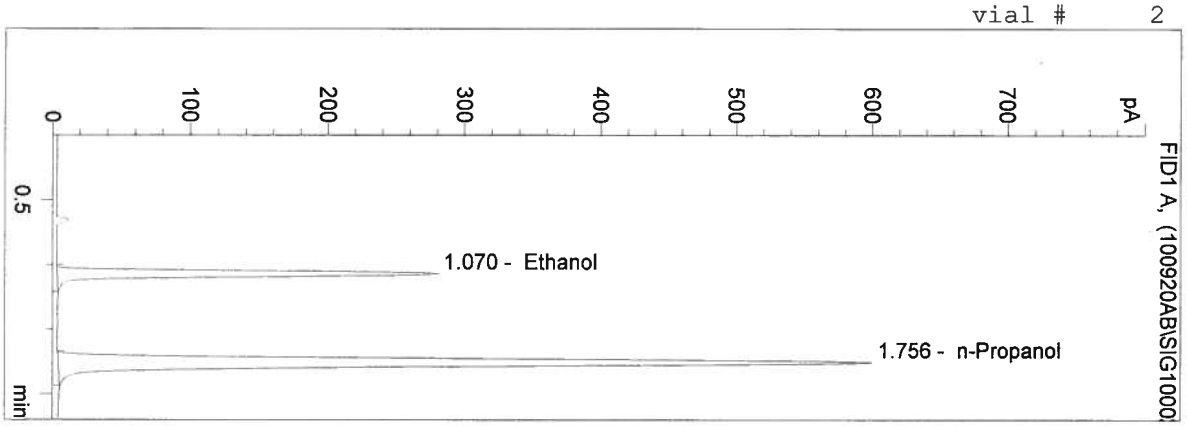
03

WASHINGTON STATE TOXICOLOGY LABORATORY

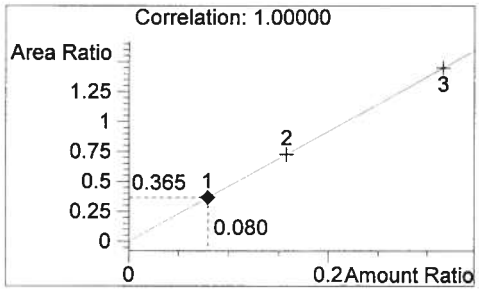
C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 9:59:36 AM
Instrument 1
DB ALC 1

0.079 CAL 1
Amanda Black

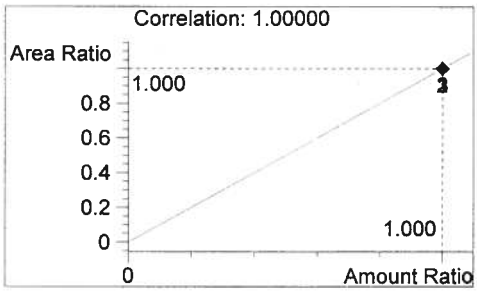
vial # 2



#	Compound	Area	RT
1	Ethanol	862	1.070
2	n-Propanol	2360	1.756
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

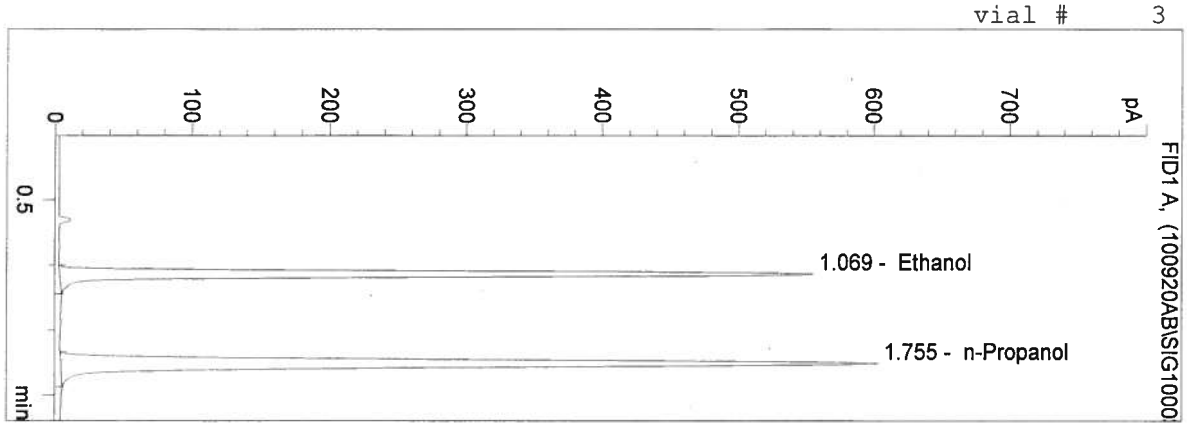
10040

DB

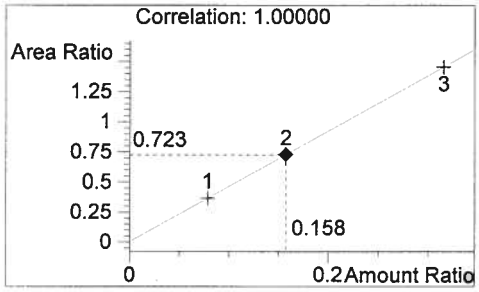
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 10:02:41 AM
Instrument 1
DB ALC 1

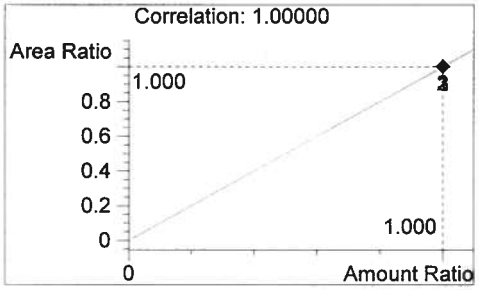
0.158 CAL 2
Amanda Black
vial # 3



#	Compound	Area	RT
1	Ethanol	1717	1.069
2	n-Propanol	2376	1.755
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

10040

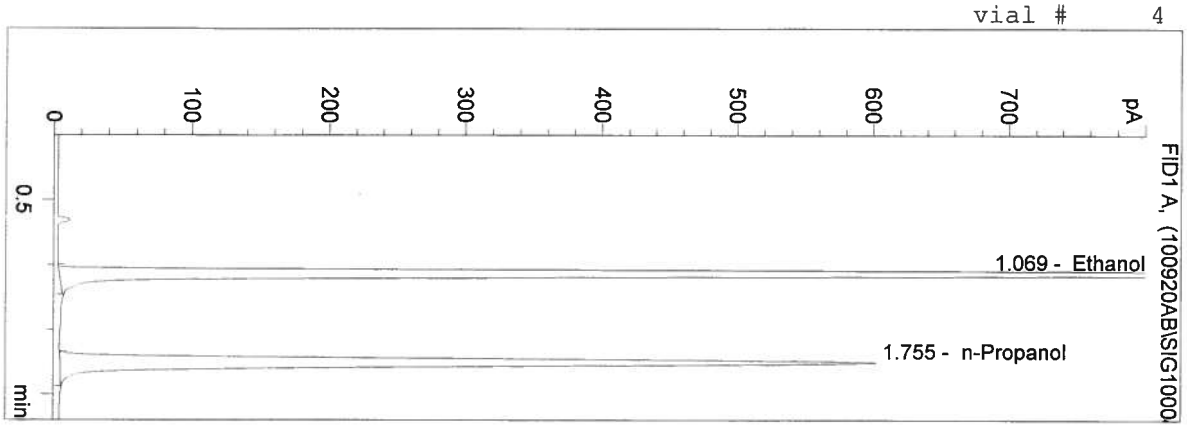
AB

WASHINGTON STATE TOXICOLOGY LABORATORY

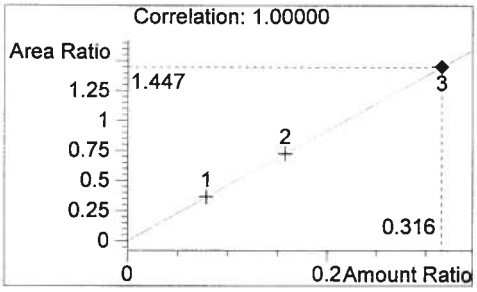
C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 10:05:45 AM
Instrument 1
DB ALC 1

0.316 CAL 3
Amanda Black

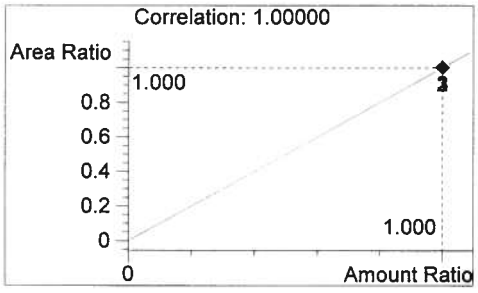
vial # 4



#	Compound	Area	RT
1	Ethanol	3431	1.069
2	n-Propanol	2370	1.755
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

10040

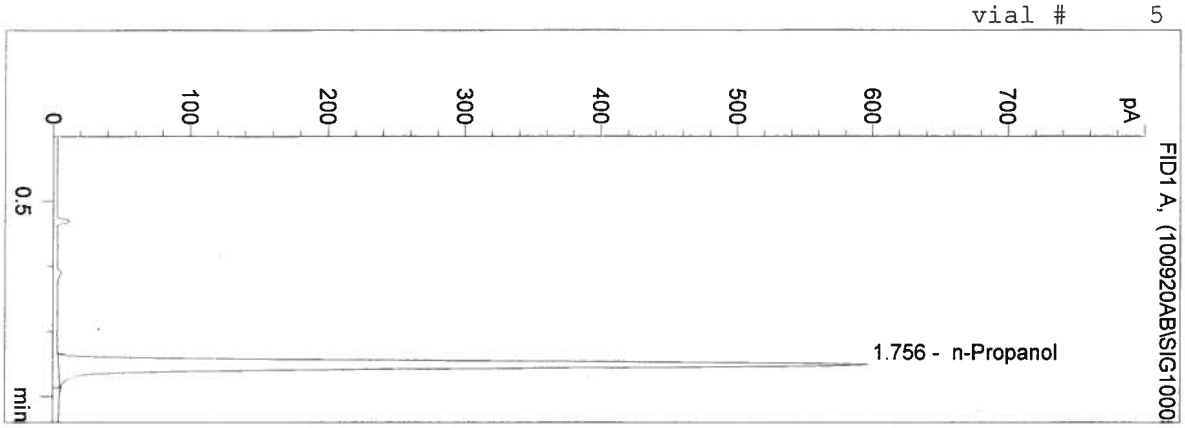
03

WASHINGTON STATE TOXICOLOGY LABORATORY

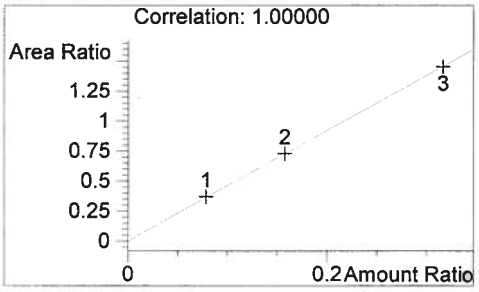
C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 10:08:50 AM
Instrument 1
DB ALC 1

NEG CTRL - AB
Amanda Black

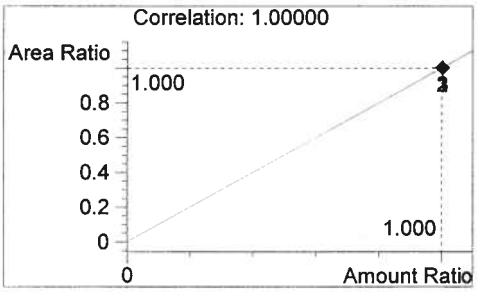
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2348	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

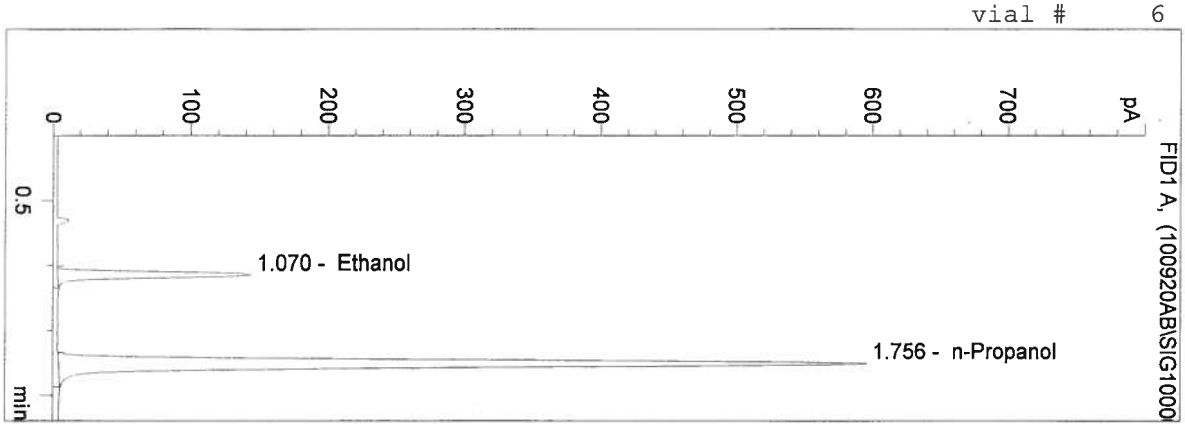
10040

CB

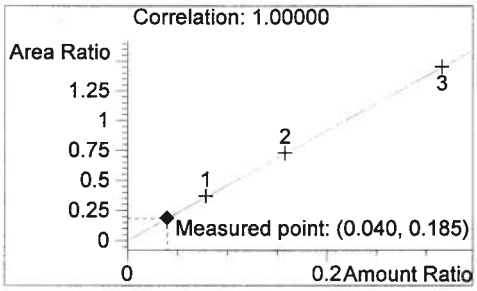
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 10:11:55 AM
Instrument 1
DB ALC 1

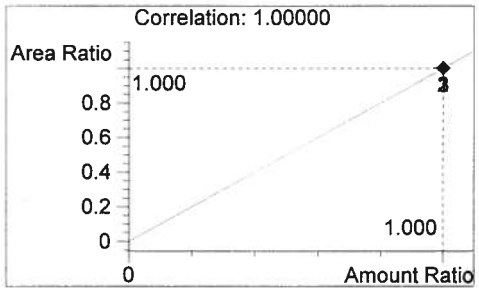
0.04 CTRL - AB
Amanda Black
vial # 6



#	Compound	Area	RT
1	Ethanol	433	1.070
2	n-Propanol	2343	1.756
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

10040

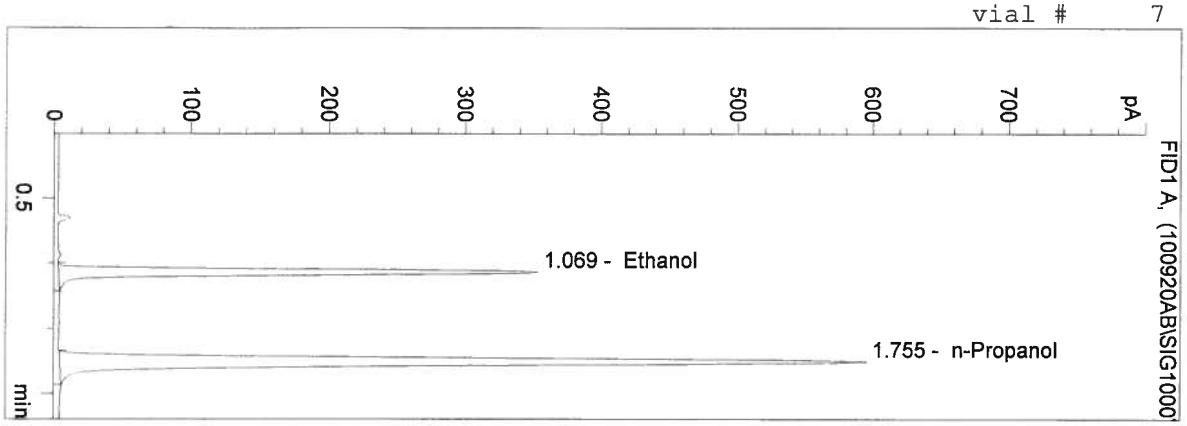
DB

WASHINGTON STATE TOXICOLOGY LABORATORY

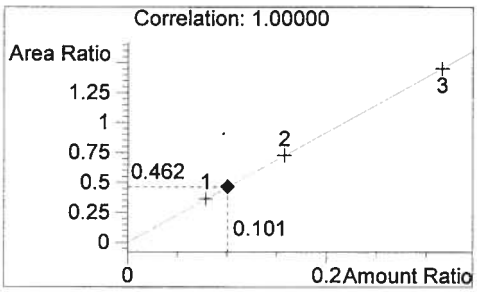
C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 10:15:00 AM
Instrument 1
DB ALC 1

0.10 CTRL - AB
Amanda Black

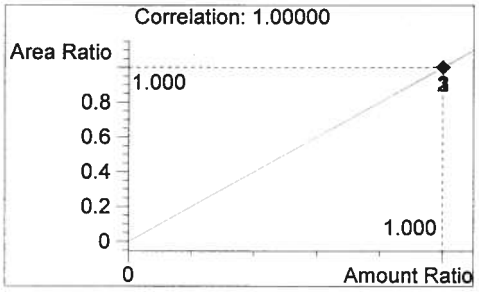
vial # 7



#	Compound	Area	RT
1	Ethanol	1081	1.069
2	n-Propanol	2340	1.755
Tot			



Ethanol 0.101 g/100 mL



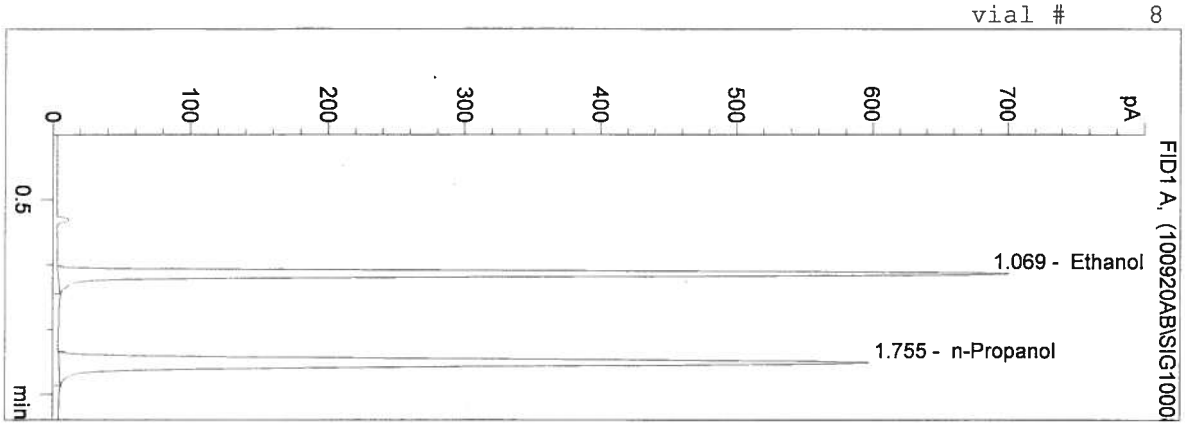
n-Propanol 1.000 g/100 mL

10040

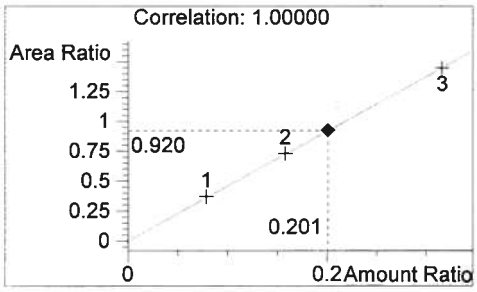
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 10:18:05 AM
Instrument 1
DB ALC 1

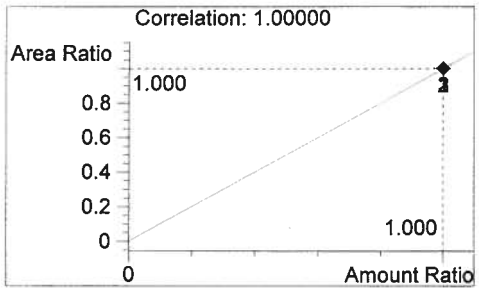
0.20 CTRL - AB
Amanda Black
vial # 8



#	Compound	Area	RT
1	Ethanol	2156	1.069
2	n-Propanol	2342	1.755
Tot			



Ethanol 0.201 g/100 mL



n-Propanol 1.000 g/100 mL

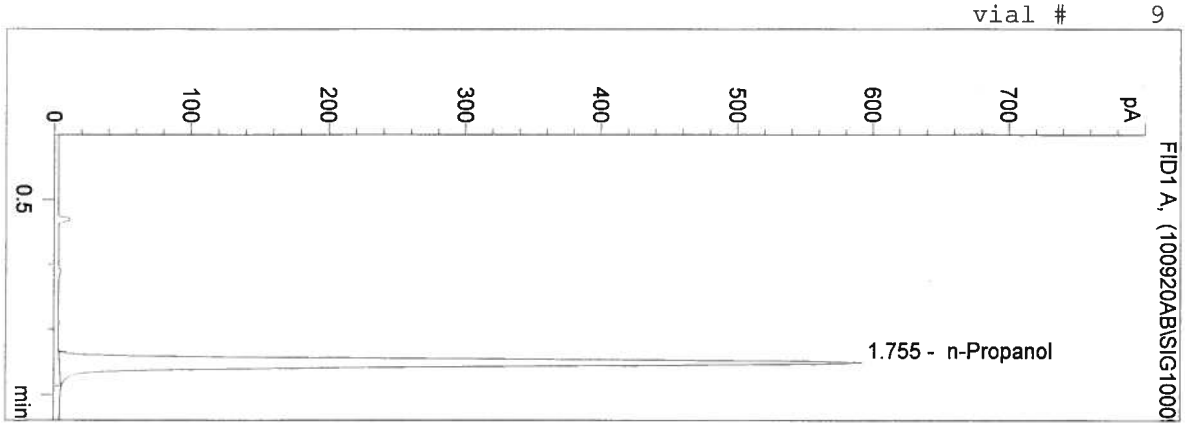
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

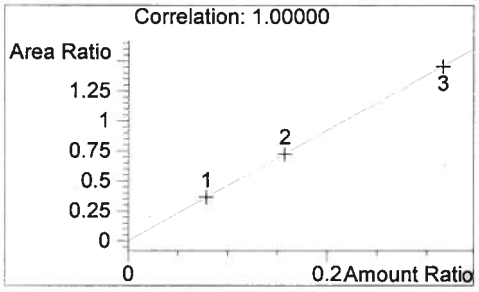
C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 10:21:09 AM
Instrument 1
DB ALC 1

NEG CTRL - AB
Amanda Black

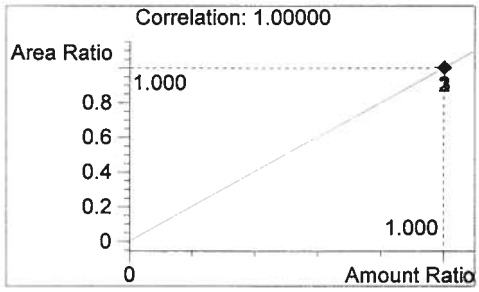
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2332	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

- 10040

CB

WASHINGTON STATE TOXICOLOGY LABORATORY

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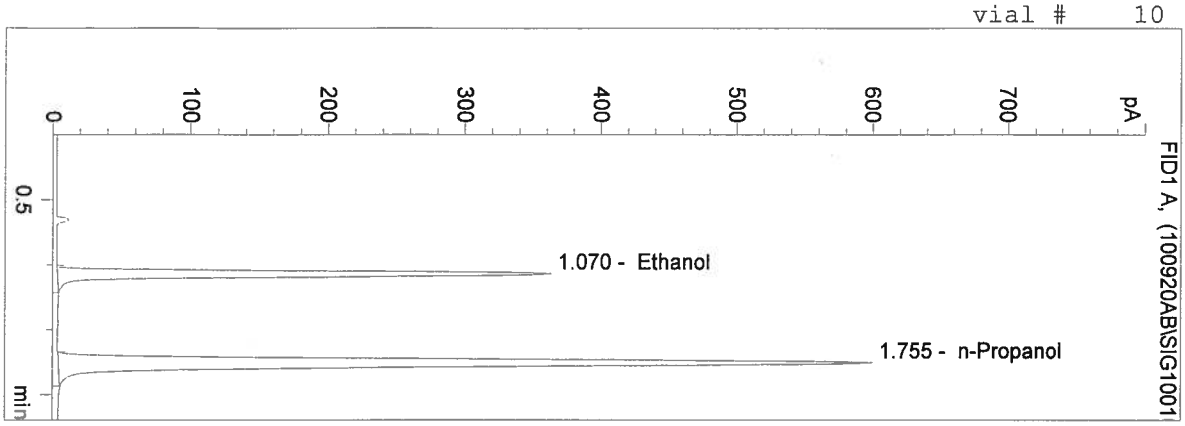
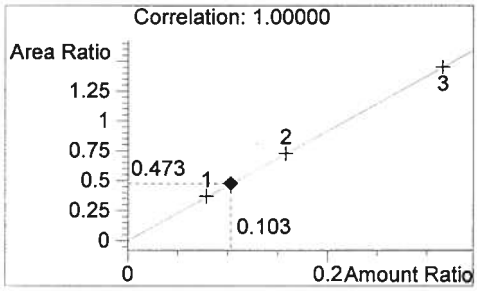
9/20/2010 10:24:14 AM
Instrument 1
DB ALC 1

10040 #1
Amanda Black

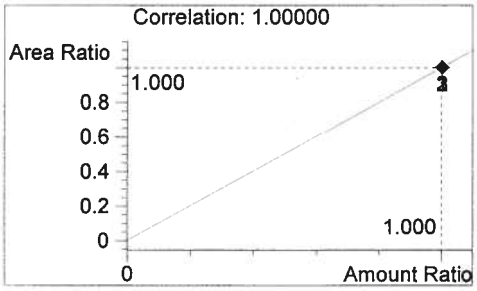
vial # 10



#	Compound	Area	RT
1	Ethanol	1112	1.070
2	n-Propanol	2353	1.755
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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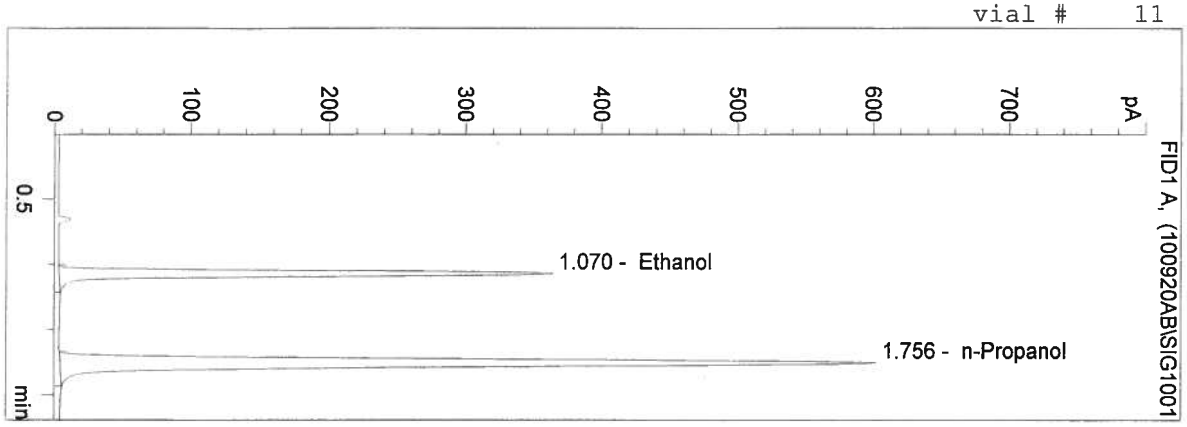
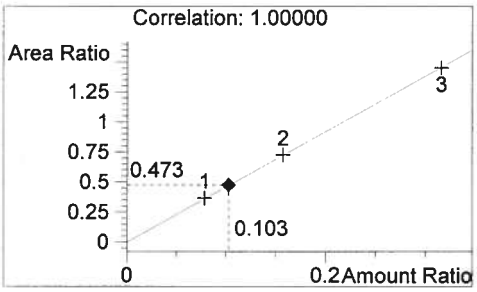
9/20/2010 10:27:19 AM
Instrument 1
DB ALC 1

10040 #2
Amanda Black

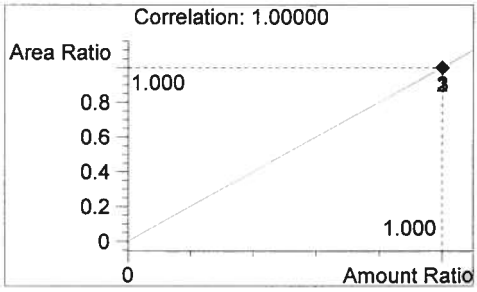
vial # 11



#	Compound	Area	RT
1	Ethanol	1120	1.070
2	n-Propanol	2368	1.756
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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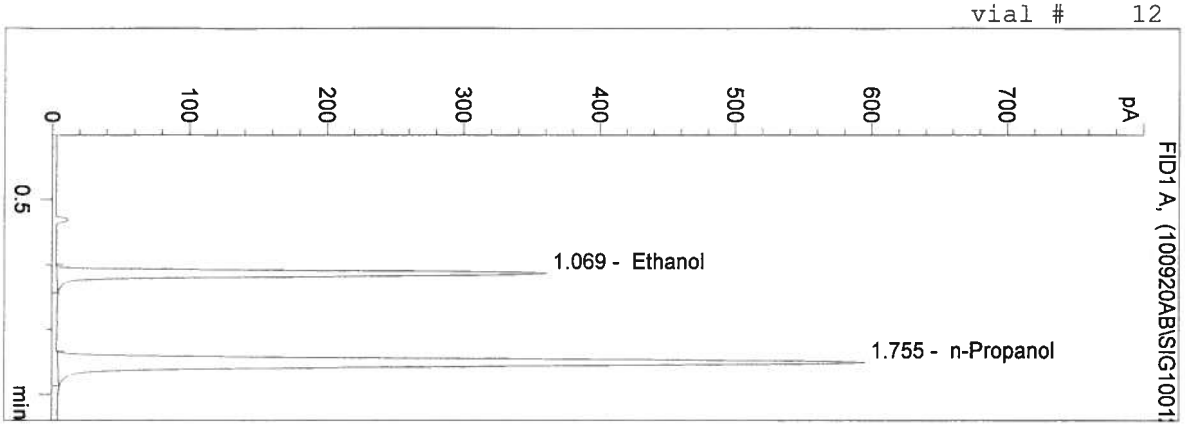
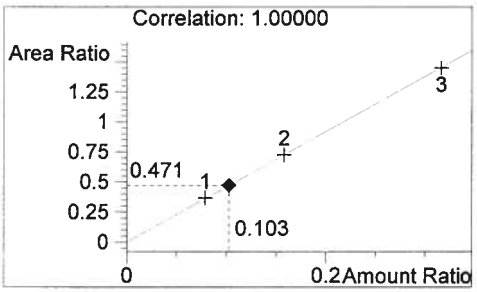
9/20/2010 10:30:24 AM
Instrument 1
DB ALC 1

10040 #3
Amanda Black

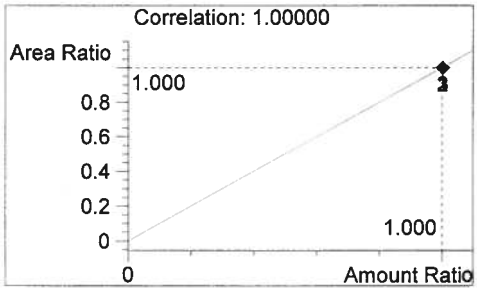
vial # 12



#	Compound	Area	RT
1	Ethanol	1105	1.069
2	n-Propanol	2343	1.755
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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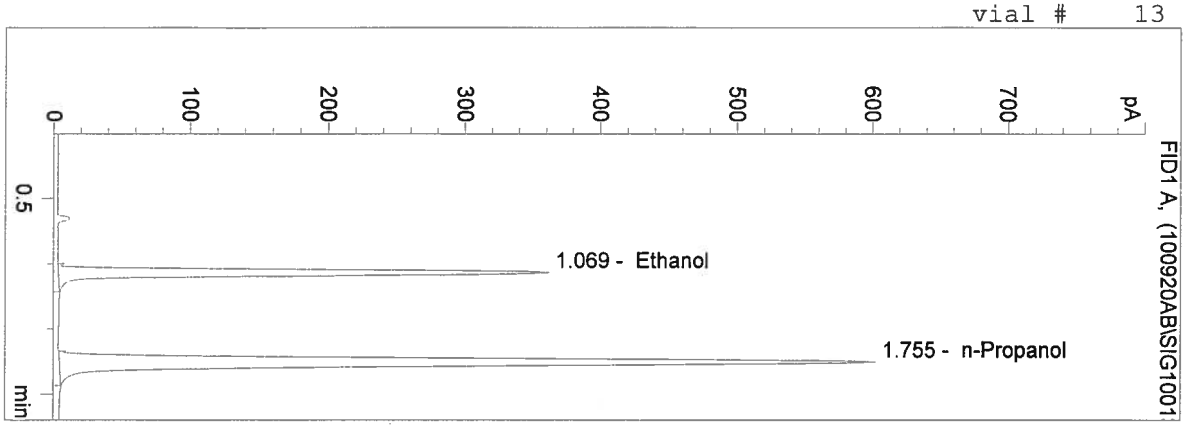
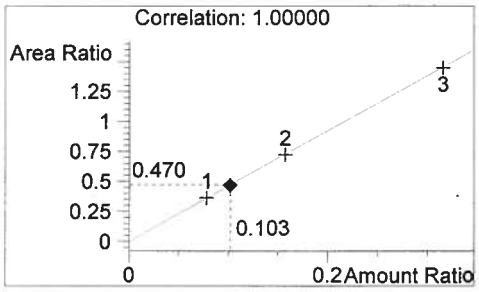
9/20/2010 10:33:28 AM
Instrument 1
DB ALC 1

10040 #4
Amanda Black

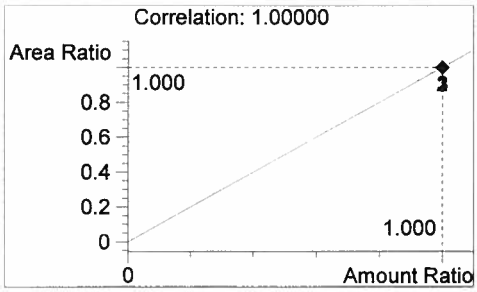
vial # 13



#	Compound	Area	RT
1	Ethanol	1117	1.069
2	n-Propanol	2374	1.755
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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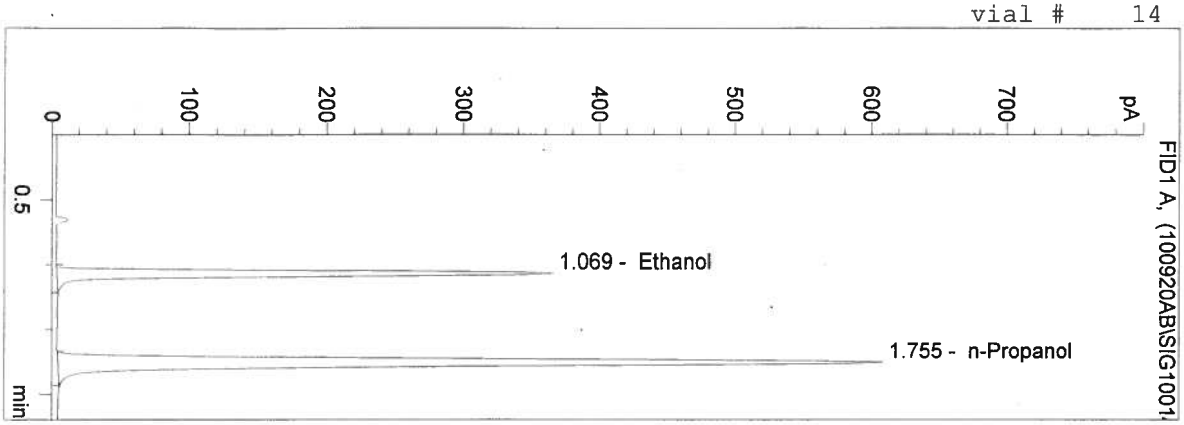
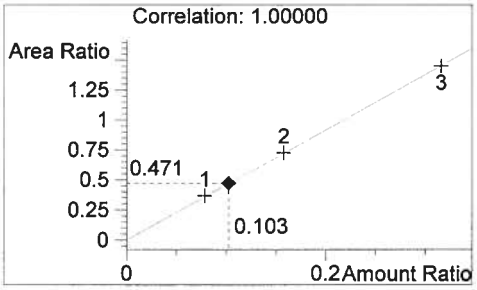
9/20/2010 10:36:33 AM
Instrument 1
DB ALC 1

10040 #5
Amanda Black

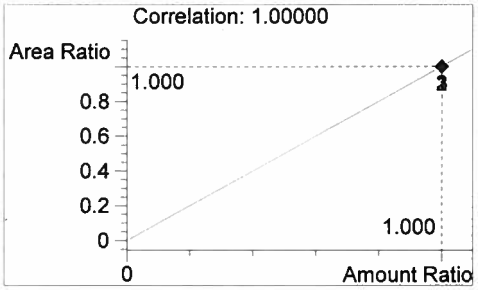
vial # 14



#	Compound	Area	RT
1	Ethanol	1127	1.069
2	n-Propanol	2393	1.755
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

OB

WASHINGTON STATE TOXICOLOGY LABORATORY

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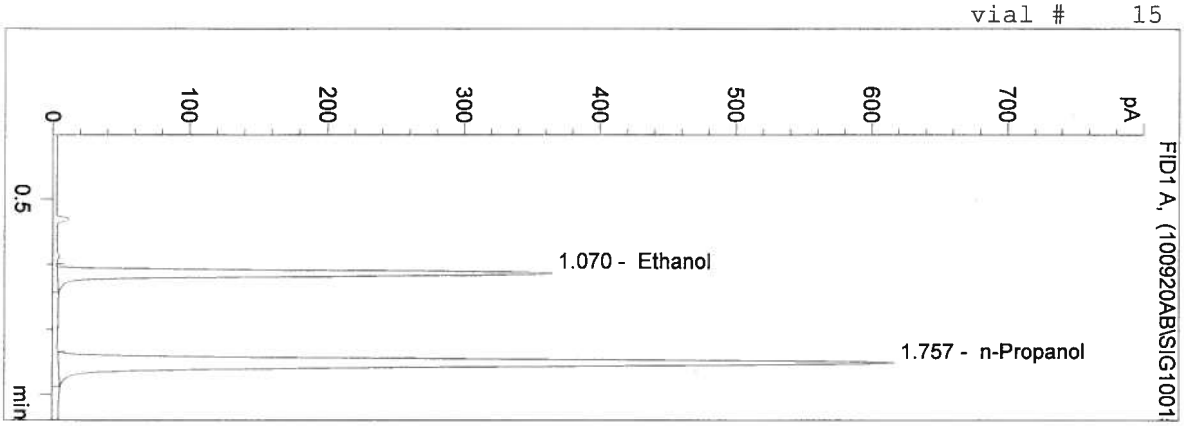
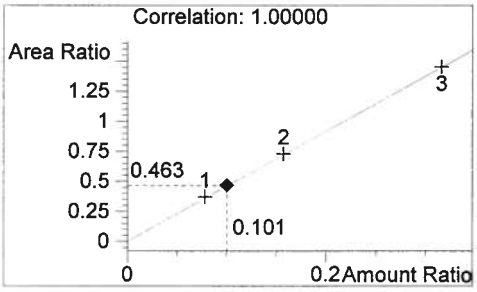
9/20/2010 10:39:38 AM
Instrument 1
DB ALC 1

0.10 CTRL - AB
Amanda Black

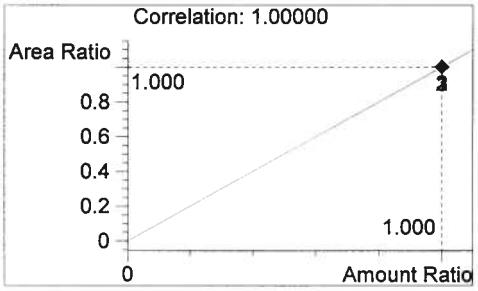
vial # 15



#	Compound	Area	RT
1	Ethanol	1124	1.070
2	n-Propanol	2429	1.757
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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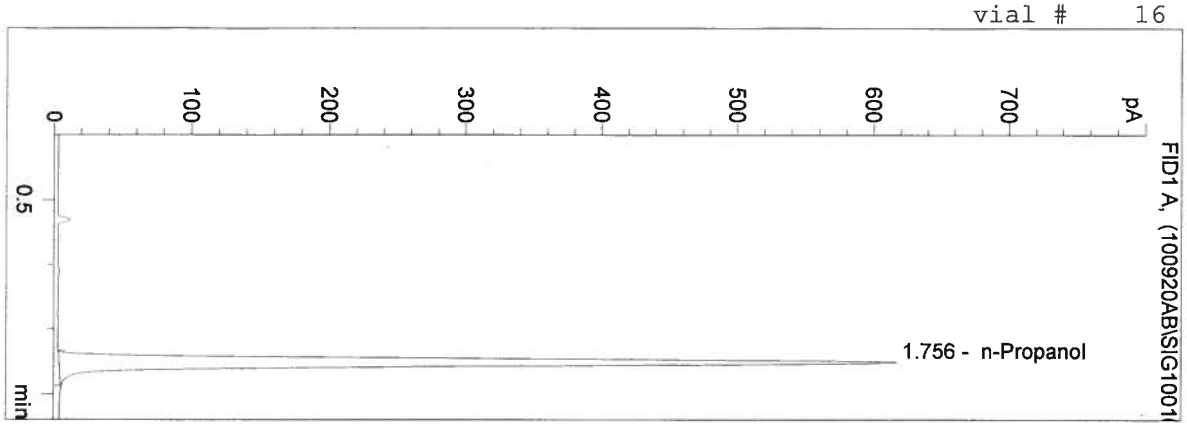
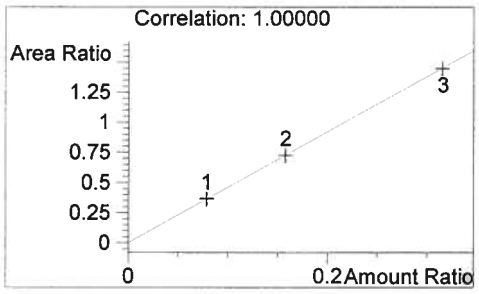
9/20/2010 10:42:42 AM
Instrument 1
DB ALC 1

NEG CTRL - AB
Amanda Black

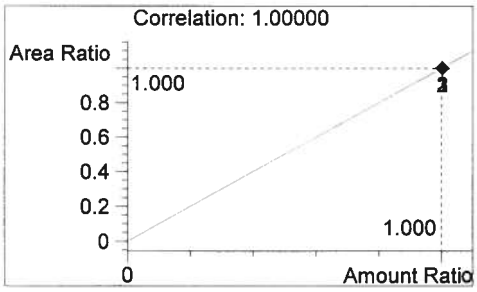
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2427	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

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:	100920RF
Part of Methods to run:	According to Runtime Checklist
Barcode Reader:	not used
Shutdown Cmd/Macro:	none

Sequence Comment:
0.04 Control - Lot # A068379 - exp 10/2013
0.10 Control - Lot # A071132 - exp 03/2014
0.20 Control - Lot # A073849 - exp 07/2014 RK

Sequence Table (Front Injector):

Method and Injection Info Part:

Line	Location	SampleName	Method	Inj	SampleType	InjVolume	DataFile
1	Vial 1	BLANK	SIMALC	1	Sample		
2	Vial 2	0.079 CAL 1	SIMALC	1	Calib		
3	Vial 3	0.158 CAL 2	SIMALC	1	Calib		
4	Vial 4	0.316 CAL 3	SIMALC	1	Calib		
5	Vial 5	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		
6	Vial 6	0.04 CONTROL-RF	SIMALC	1	Ctrl Samp		
7	Vial 7	0.10 CONTROL-RF	SIMALC	1	Ctrl Samp		
8	Vial 8	0.20 CONTROL-RF	SIMALC	1	Ctrl Samp		
9	Vial 9	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		
10	Vial 10	10040 #1	SIMALC	1	Sample		
11	Vial 11	10040 #2	SIMALC	1	Sample		
12	Vial 12	10040 #3	SIMALC	1	Sample		
13	Vial 13	10040 #4	SIMALC	1	Sample		
14	Vial 14	10040 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CONTROL-RF	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CONTROL-RF	SIMALC	1	Ctrl Samp		

Calibration Part:

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

10040

Sequence Table (Back Injector):

No entries - empty table!

RF

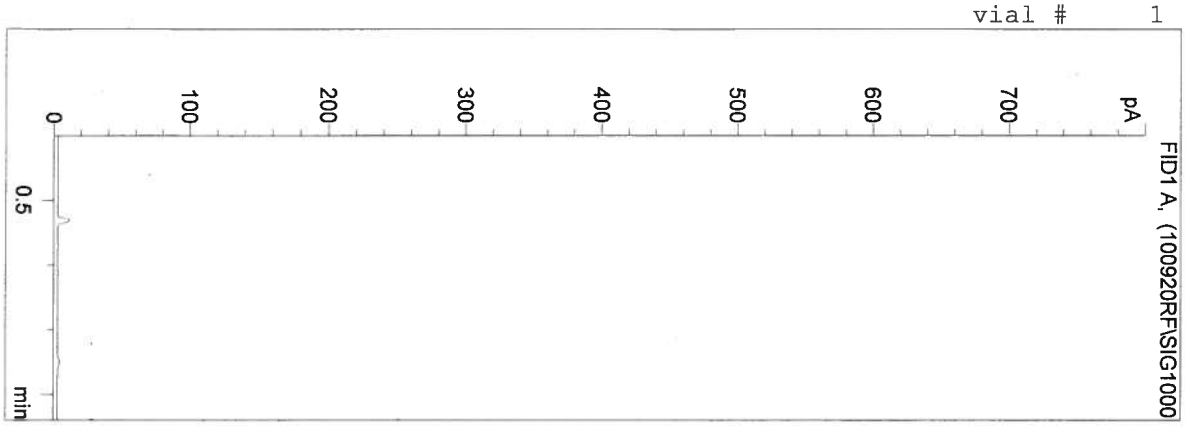
= 10040

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 1:54:27 PM
Instrument 1
DB ALC 1

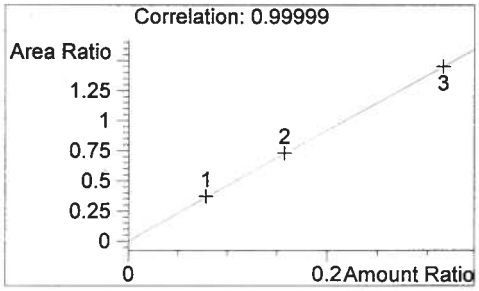
BLANK
Rebecca Flaherty

vial # 1

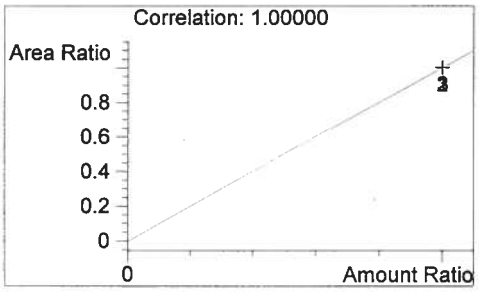


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

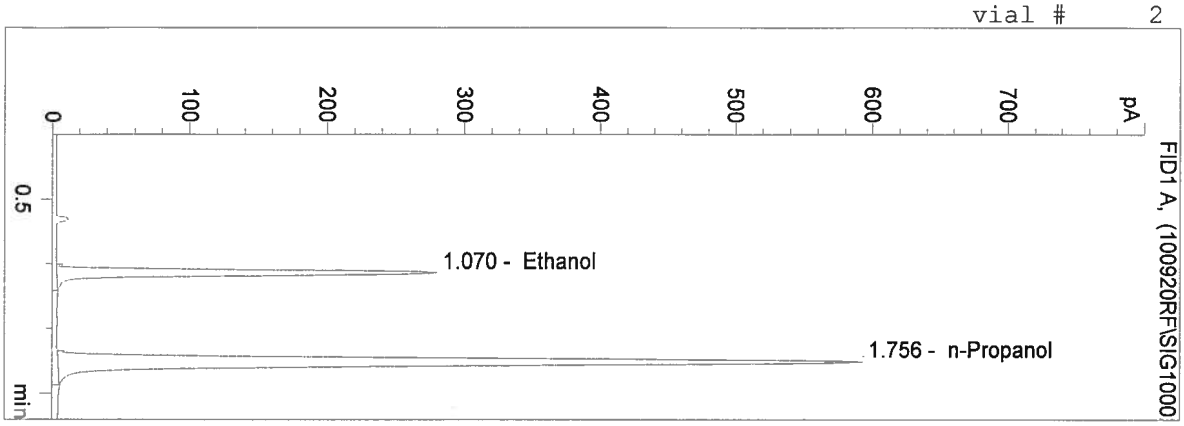
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 1:57:32 PM
Instrument 1
DB ALC 1

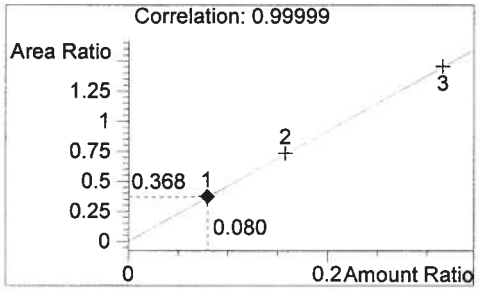
0.079 CAL 1
Rebecca Flaherty

vial # 2

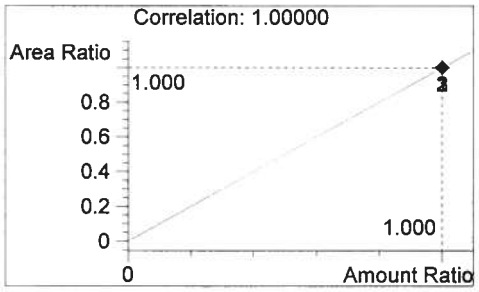


#	Compound	Area	RT
1	Ethanol	858	1.070
2	n-Propanol	2329	1.756
Tot			

RF



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

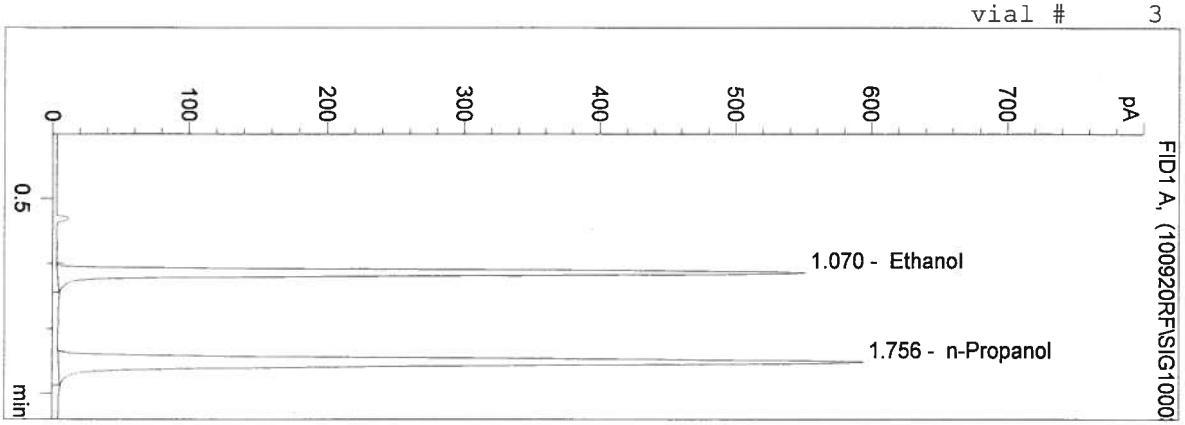
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 2:00:36 PM
Instrument 1
DB ALC 1

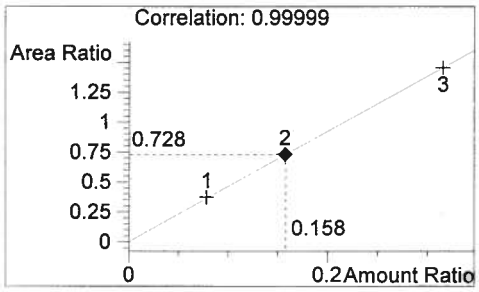
0.158 CAL 2
Rebecca Flaherty

vial # 3

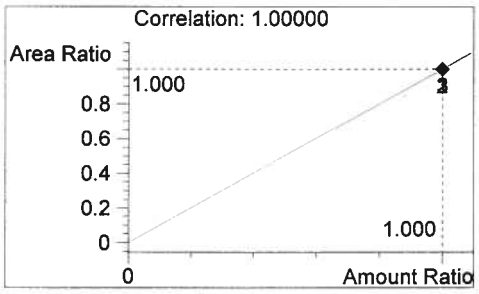


#	Compound	Area	RT
1	Ethanol	1703	1.070
2	n-Propanol	2338	1.756
Tot			

RF



Ethanol 0.158 g/100 mL



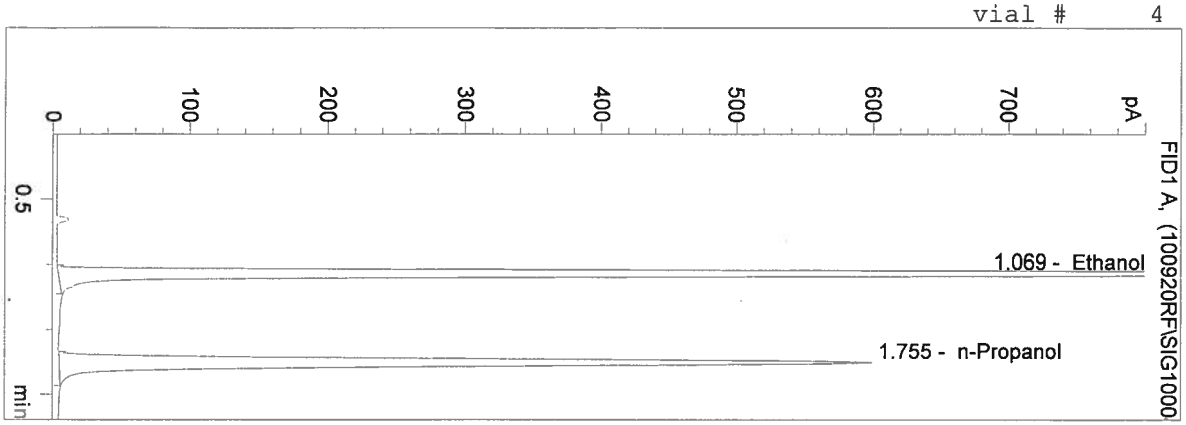
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 2:03:41 PM
Instrument 1
DB ALC 1

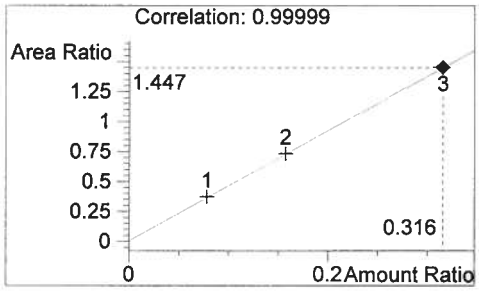
0.316 CAL 3
Rebecca Flaherty

vial # 4

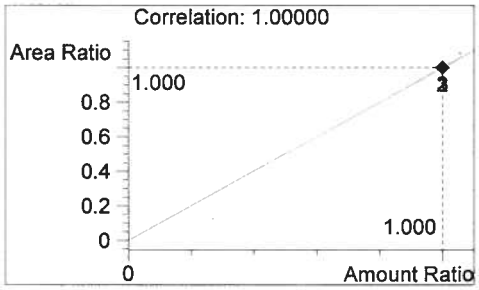


#	Compound	Area	RT
1	Ethanol	3410	1.069
2	n-Propanol	2356	1.755
Tot			

RF



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

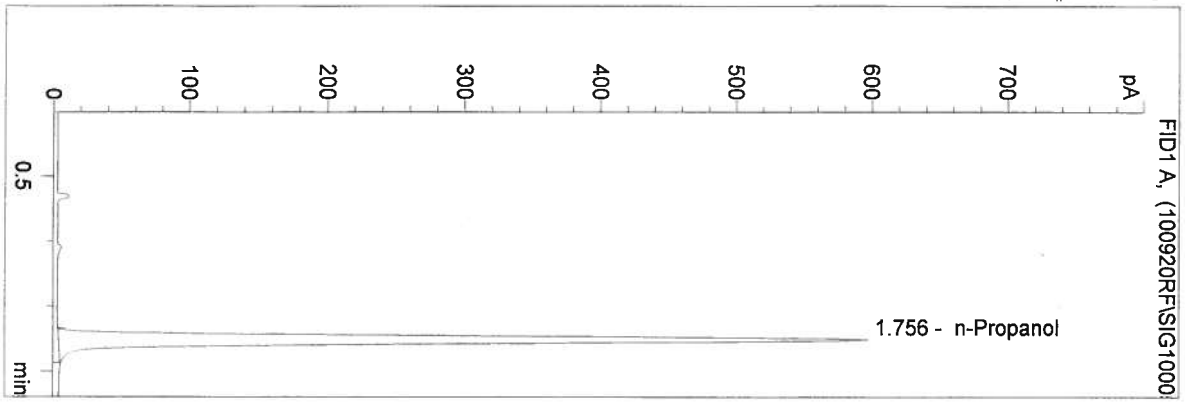
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 2:06:46 PM
Instrument 1
DB ALC 1

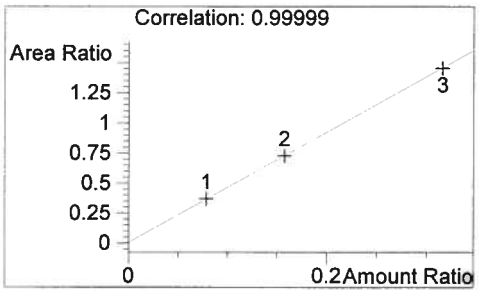
NEG CONTROL-RF
Rebecca Flaherty

vial # 5

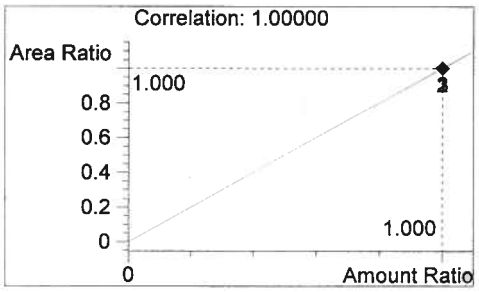


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2354	1.756
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

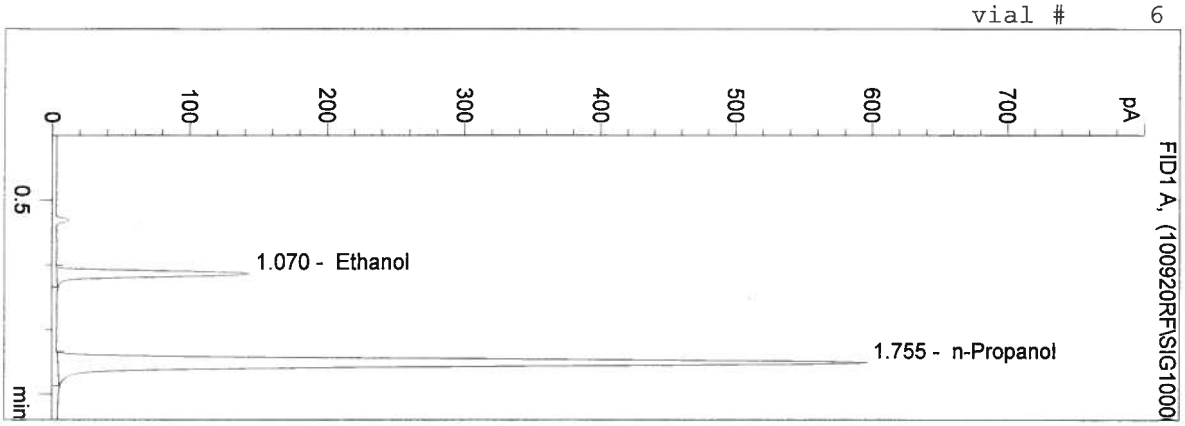
10040

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/20/2010 2:09:51 PM
Instrument 1
DB ALC 1

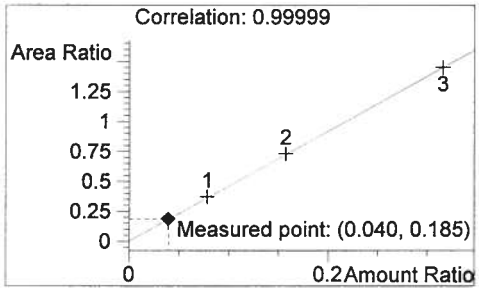
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

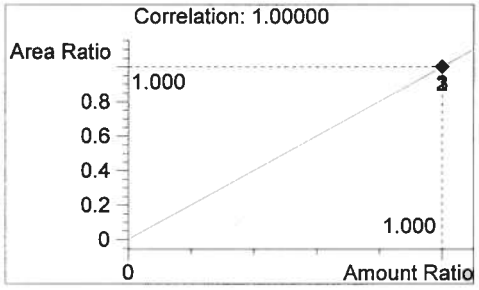


#	Compound	Area	RT
1	Ethanol	433	1.070
2	n-Propanol	2345	1.755
Tot			

RF



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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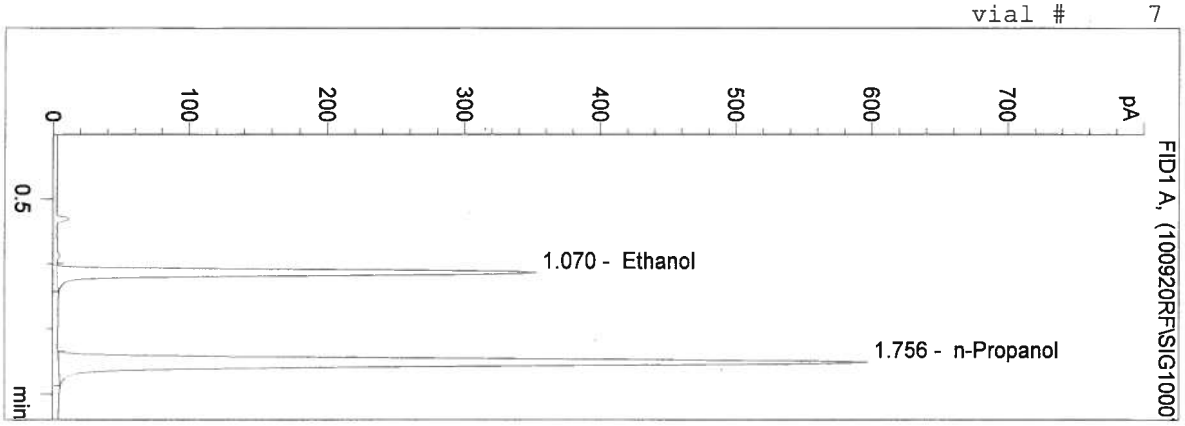
Instrument 1
DB ALC 1

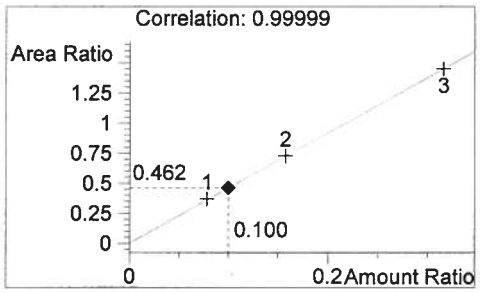
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

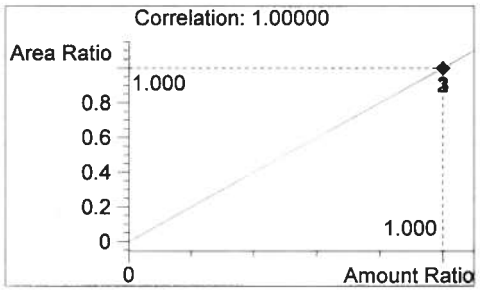


#	Compound	Area	RT
1	Ethanol	1085	1.070
2	n-Propanol	2351	1.756
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

10 of 40

WASHINGTON STATE TOXICOLOGY LABORATORY

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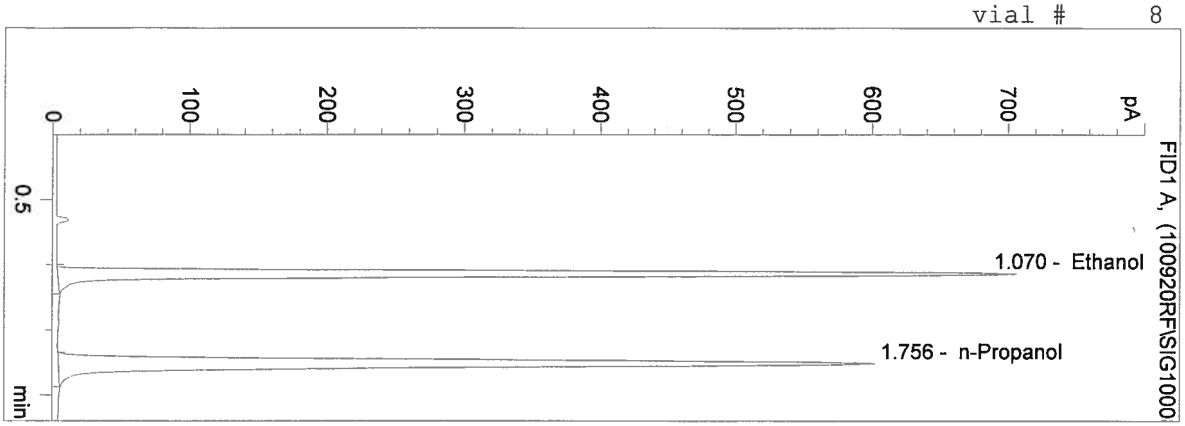
Instrument 1
DB ALC 1

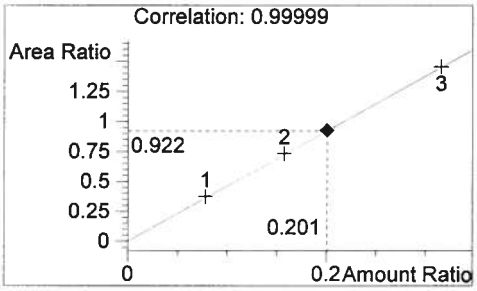
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

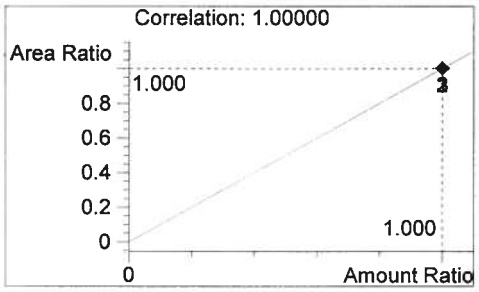


#	Compound	Area	RT
1	Ethanol	2181	1.070
2	n-Propanol	2365	1.756
Tot			

RF



Ethanol 0.201 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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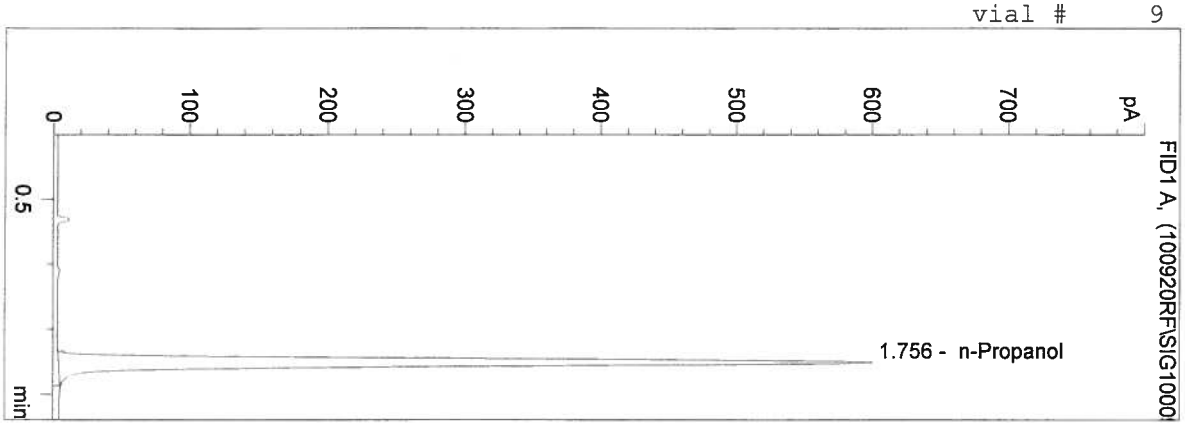
Instrument 1
DB ALC 1

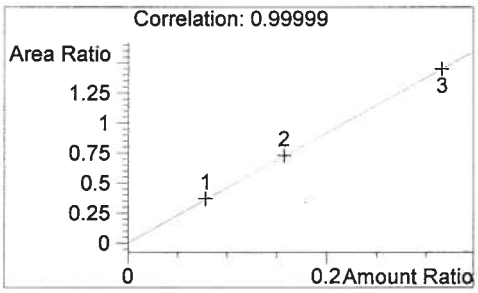
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

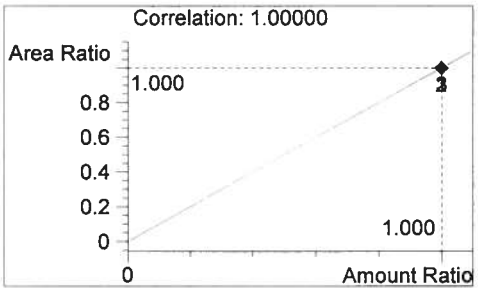


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2362	1.756
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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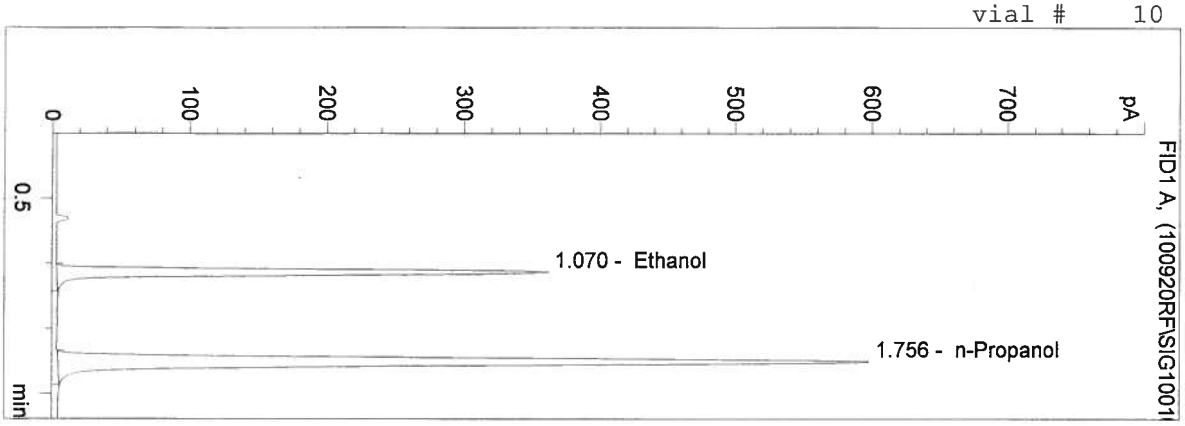
Instrument 1
DB ALC 1

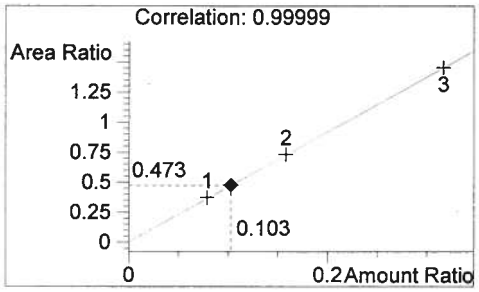
10040 #1
Rebecca Flaherty

vial # 10

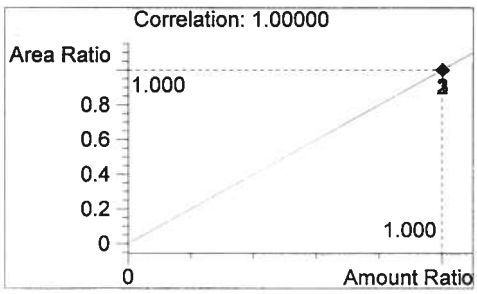


#	Compound	Area	RT
1	Ethanol	1114	1.070
2	n-Propanol	2355	1.756
Tot			

RF



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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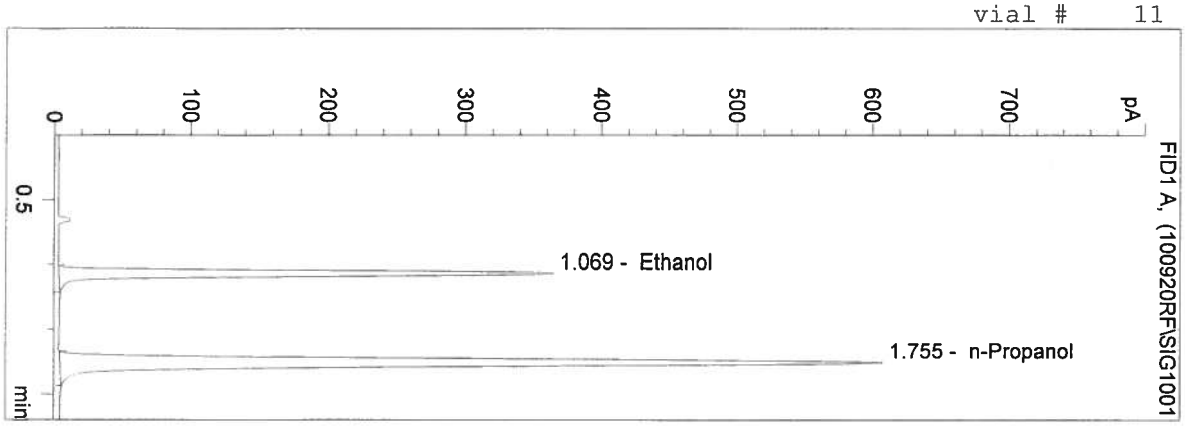
Instrument 1
DB ALC 1

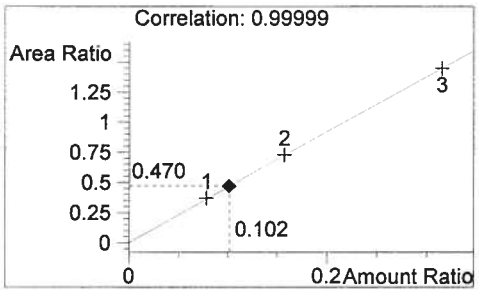
10040 #2
Rebecca Flaherty

vial # 11

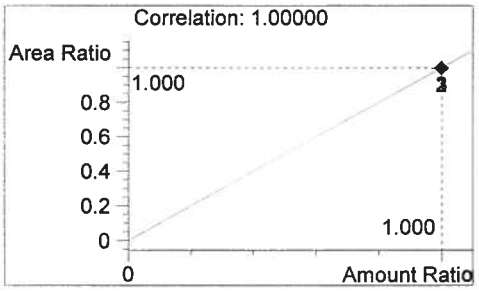


#	Compound	Area	RT
1	Ethanol	1124	1.069
2	n-Propanol	2392	1.755
Tot			

RF



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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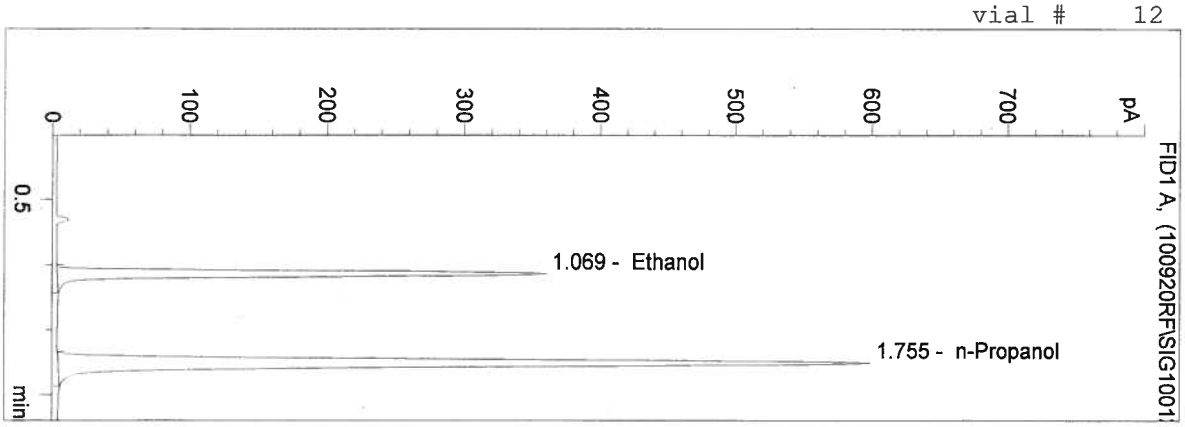
Instrument 1
DB ALC 1

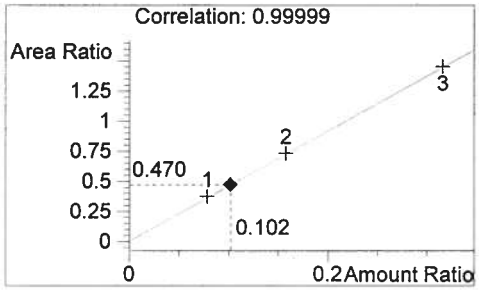
10040 #3
Rebecca Flaherty

vial # 12

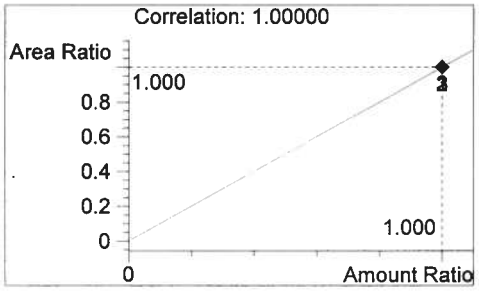


#	Compound	Area	RT
1	Ethanol	1107	1.069
2	n-Propanol	2356	1.755
Tot			

RF



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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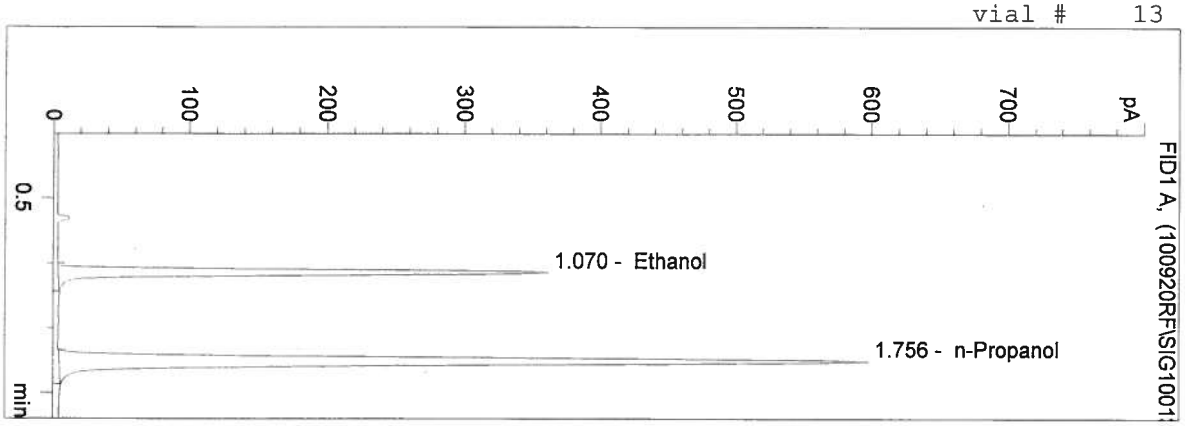
Instrument 1
DB ALC 1

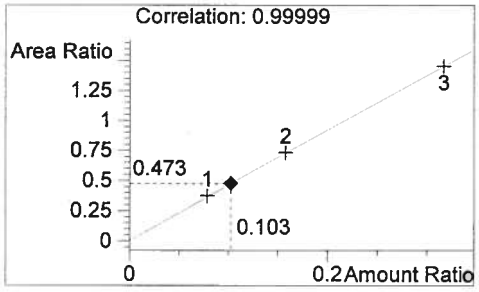
10040 #4
Rebecca Flaherty

vial # 13

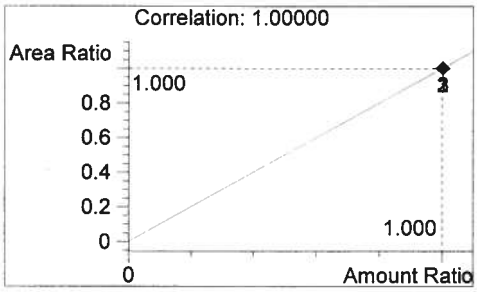


#	Compound	Area	RT
1	Ethanol	1110	1.070
2	n-Propanol	2346	1.756
Tot			

RF



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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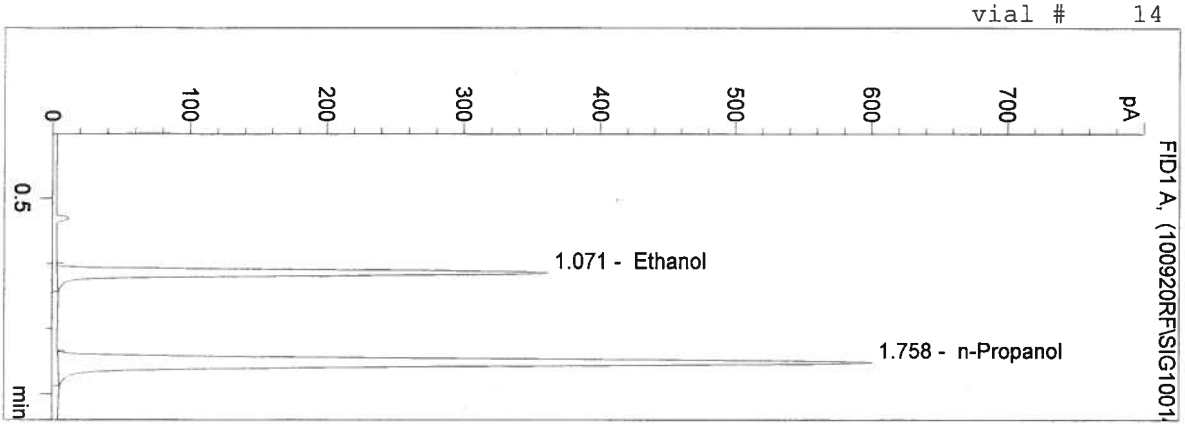
Instrument 1
DB ALC 1

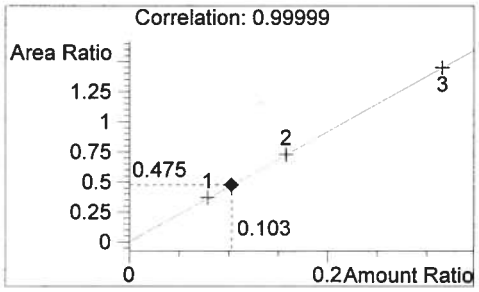
10040 #5
Rebecca Flaherty

vial # 14

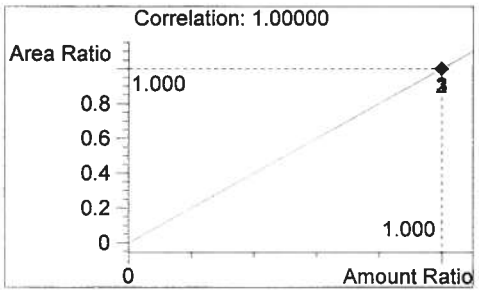


#	Compound	Area	RT
1	Ethanol	1127	1.071
2	n-Propanol	2373	1.758
Tot			

RF



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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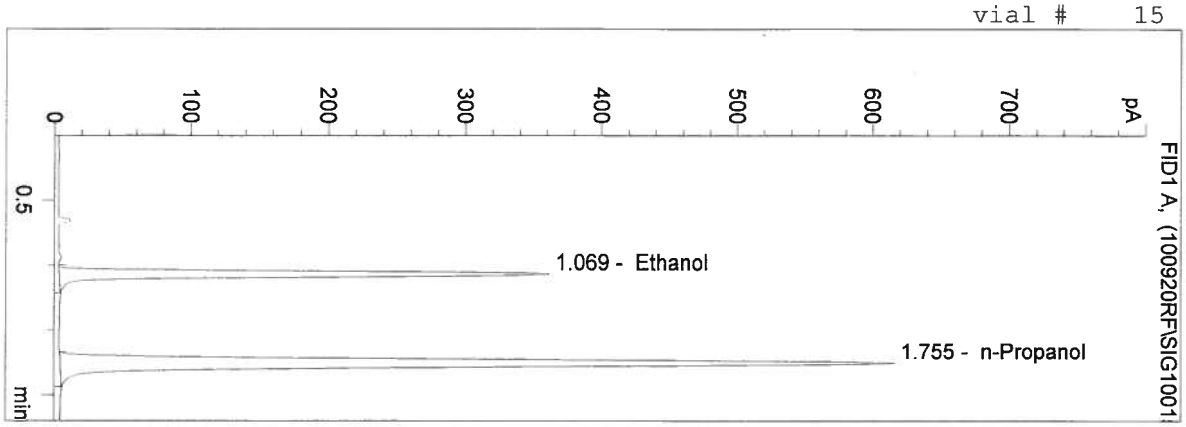
Instrument 1
DB ALC 1

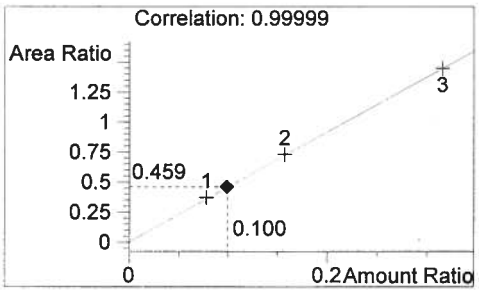
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

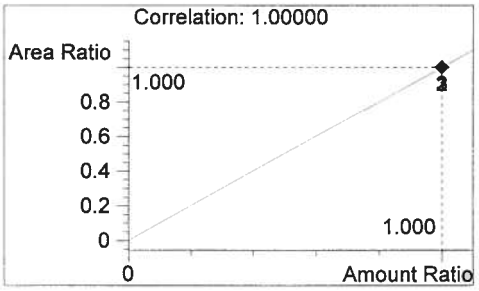


#	Compound	Area	RT
1	Ethanol	1115	1.069
2	n-Propanol	2430	1.755
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

10040

WASHINGTON STATE TOXICOLOGY LABORATORY

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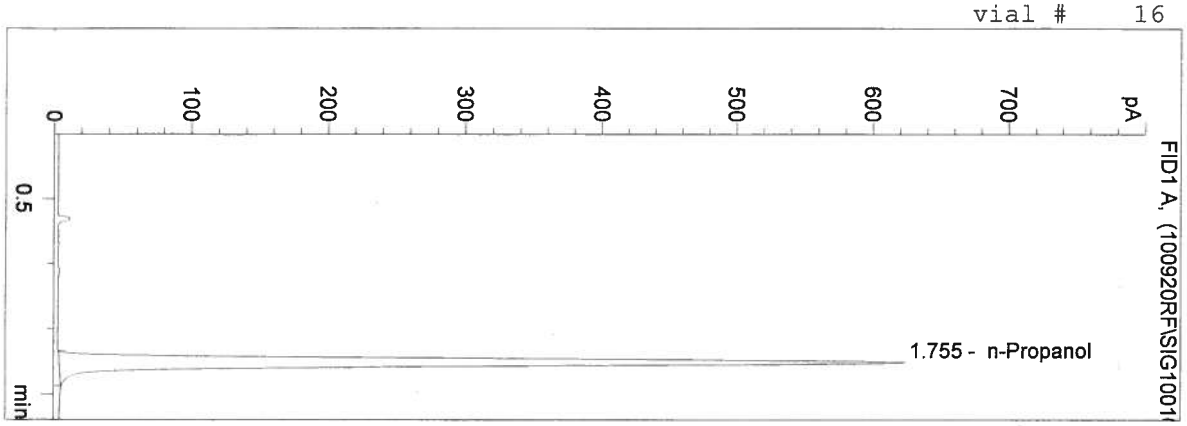
9/20/2010 2:40:38 PM
Instrument 1
DB ALC 1

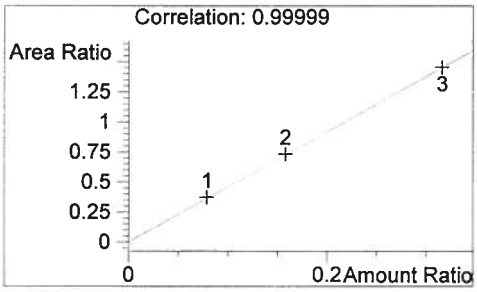
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

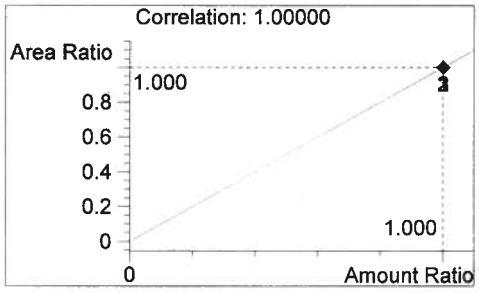


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2452	1.755
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10040

Washington State Patrol Toxicology Laboratory Division

EXTERNAL STANDARD SOLUTION PREPARATION WORKSHEET

Batch #: 10040

Preparer: SMS

Date Prepared: 9/14/10

Expiration Date: 9/14/11

Lot 200 Proof (100%) Ethanol Used: ZQ0777

Date 200 Proof Ethanol Opened: 7/22/10

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

52 L Deionized Water	☑
66.5 mL 200-proof ethanol	☑
Stir Bar is Rotating	☑
Stirred for at least 2 hours	☑
Spigot Purged	☑
Aliquot Taken	☑
Batch Labeled, Packaged and Sealed	☑

9/14/10
Date

Analyst

9/14/10
Date