Washington State Patrol Toxicology Laboratory Division

SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/s: RANDY VRANISH/ROB GUILBERT Date: 10-7-2010

Location: ROANOKE OFFICE Solution Batch Number: 10041

	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: [signature] Date: 10-7-10

Reviewer Signature: [signature] Date: 10-7-10

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

EXTERNAL STANDARD SOLUTION TEST REPORT

BATCH REPORT: 10041

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: 09/23/2010
BATCH UNITS: g/100mL
IDENTITY: External Standard Solution
PREPARED BY: Amanda Black

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

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

RESULTS OF TESTING
AVERAGE SOLUTION CONCENTRATION: 0.1021 g/100mL
STANDARD DEVIATION: 0.00055
PRECISION CV (%): 0.53
NUMBER OF TESTS: 40

EQUIVALENT VAPOR CONCENTRATION: **0.0830 g/210L**
EXPANDED UNCERTAINTY: ± 0.0024 (k=2, 95% confidence interval)

WASHINGTON STATE PATROL – TOXICOLOGY LABORATORY DIVISION

Melissa L. Pemberton FS-5 — Melissa L. Pemberton, Forensic Scientist Supervisor
10-11-2010 — DATE REPORT ISSUED

THIS TESTING WAS PERFORMED BY:

ANALYST	NAME	SIGNATURE	DATE TESTED
AB	Amanda Black		09/23/2010
RF	Rebecca Flaherty		09/27/2010
BP	Brianna Peterson	Brianna Peterson	09/27/2010
AJL	Asa J. Louis	20101004	09/29/2010
SS	Sarah Swenson		09/29/2010
JLK	Justin L. Knoy		09/29/2010
CM	Christie Mitchell		09/29/2010
CSJ	Christopher S. Johnston		09/29/2010

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 #: 10041 **Date Prepared: 9/23/2010**

Analyst:	AB	RF	BP	AJL	SS	JLK	CM	CSJ
Date Tested:	9/23/2010	9/27/2010	9/27/2010	9/29/2010	9/29/2010	9/29/2010	9/29/2010	9/29/2010
Instrument:	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1	HS#1
1	0.102	0.102	0.103	0.101	0.102	0.102	0.102	0.103
2	0.102	0.103	0.102	0.102	0.102	0.102	0.102	0.103
3	0.102	0.102	0.102	0.102	0.101	0.102	0.102	0.102
4	0.102	0.102	0.102	0.102	0.101	0.102	0.102	0.103
5	0.103	0.103	0.102	0.102	0.101	0.102	0.102	0.103
C	0.100	0.100	0.100	0.100	0.099	0.100	0.100	0.101

CV^2_{COA}	$CV^2_{Ext\ Solution}$	$CV^2_{Control}$	CV^2_{Bias}	$CV^2_{Part\ Coef}$
0.0000084100	0.0000285326	0.0000285714	0.0000333333	0.0001016326

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

Average Solution Concentration: 0.1021 g/100mL
Standard Deviation: 0.00055 g/100mL
Precision CV (%): 0.53
Equivalent Vapor Concentration: 0.0830 g/210L
Combined Standard Uncertainty (±): 0.0012 g/210L
Expanded Uncertainty (±): 0.0024 coverage factor (k) =2 (95% level of confidence)

Calculations performed by: Melissa L. Pemberton Melissa L. Pemberton 10-4-10
Name Signature Date

Calculations verified by: Rob Gullbrech Rob Gullbrech 10-8-2010 Method: EXCEL
Name Signature Date

Technical review of batch file performed by:
Melissa L. Pemberton Melissa L. Pemberton 10-11-2010
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	10-6-10
Asa Louis	[illegible]	20101004
Brian Capron		
Brianna Peterson	BP	10.5.10
Brianne O'Reilly		
Brittany Ball		
Christie Mitchell	CM	10/5/10
Christopher Johnston	CJ	10.4.10
Dawn Cox		
Justin Knoy	JK	10-4-10
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty	RF	10.4.10
Sarah Swenson	SMS	10/4/10

Batch # 10041

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 10041

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 10041, was prepared in the Washington State Toxicology Laboratory on 9/23/2010. 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 9/23/2011.

Seattle, WA

10-6-10

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 10041

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 10041, was prepared in the Washington State Toxicology Laboratory on 9/23/2010. 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 9/23/2011.

Seattle, WA

10.4.10

Rebecca Flaherty — Date

Forensic Toxicologist

RF/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 10041

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 10041, was prepared in the Washington State Toxicology Laboratory on 9/23/2010. 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 9/23/2011.

Seattle, WA

Brianna Peterson 10/5/10

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 10041

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 10041, was prepared in the Washington State Toxicology Laboratory on 9/23/2010. 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 9/23/2011.

Seattle, WA

2/01/004

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 10041

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 10041, was prepared in the Washington State Toxicology Laboratory on 9/23/2010. 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 9/23/2011.

Seattle, WA

10/4/10

Sarah M. Swenson — Date

Forensic Toxicologist

SS/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

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DATAMASTER 0.08 EXTERNAL STANDARD SOLUTION CERTIFICATION FOR LOT 10041

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 10041, was prepared in the Washington State Toxicology Laboratory on 9/23/2010. 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 9/23/2011.

Seattle, WA

Justin L. Knoy 10-4-10

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 10041

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 10041, was prepared in the Washington State Toxicology Laboratory on 9/23/2010. 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 9/23/2011.

Seattle, WA

Christie Mitchell 10/5/2010

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 10041

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 10041, was prepared in the Washington State Toxicology Laboratory on 9/23/2010. 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 9/23/2011.

Seattle, WA

10/4/2010

Christopher S. Johnston — Date

Forensic Toxicologist

CSJ/ik

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:	100923AB
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	10041 #1	SIMALC	1	Sample		
11	Vial 11	10041 #2	SIMALC	1	Sample		
12	Vial 12	10041 #3	SIMALC	1	Sample		
13	Vial 13	10041 #4	SIMALC	1	Sample		
14	Vial 14	10041 #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	

= 10041

AB

Sequence Table (Back Injector):

No entries - empty table!

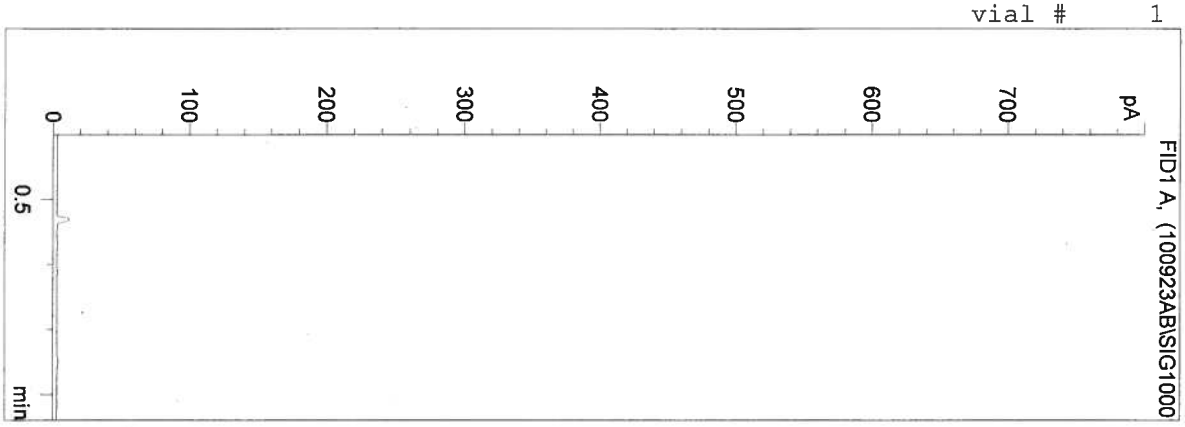
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

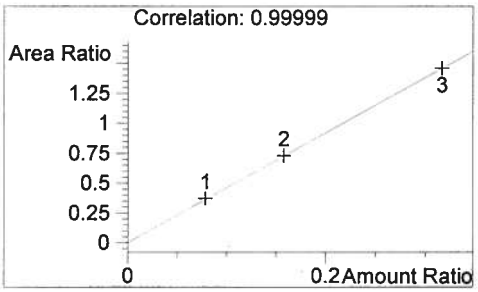
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 3:15:01 PM
Instrument 1
DB ALC 1

BLANK
Amanda Black

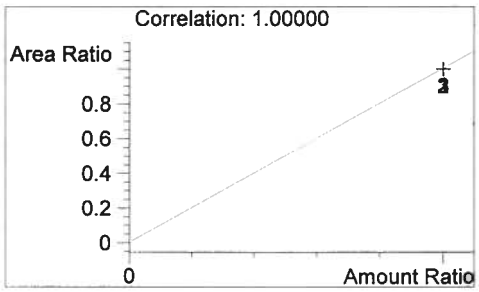
vial # 1



#	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

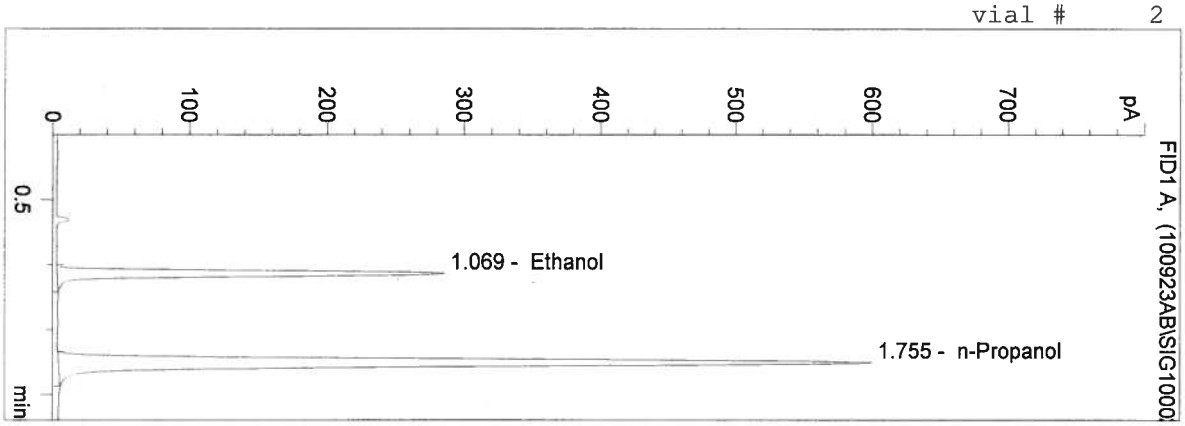
= 10041

WASHINGTON STATE TOXICOLOGY LABORATORY

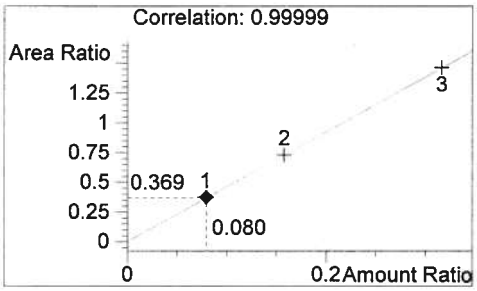
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 3:18:06 PM
Instrument 1
DB ALC 1

0.079 CAL 1
Amanda Black

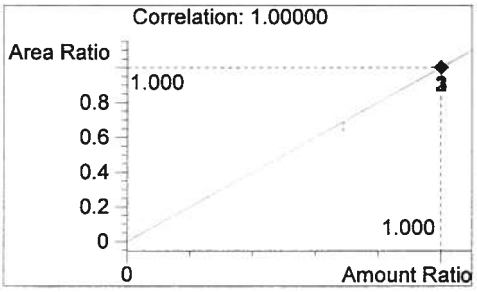
vial # 2



#	Compound	Area	RT
1	Ethanol	869	1.069
2	n-Propanol	2353	1.755
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

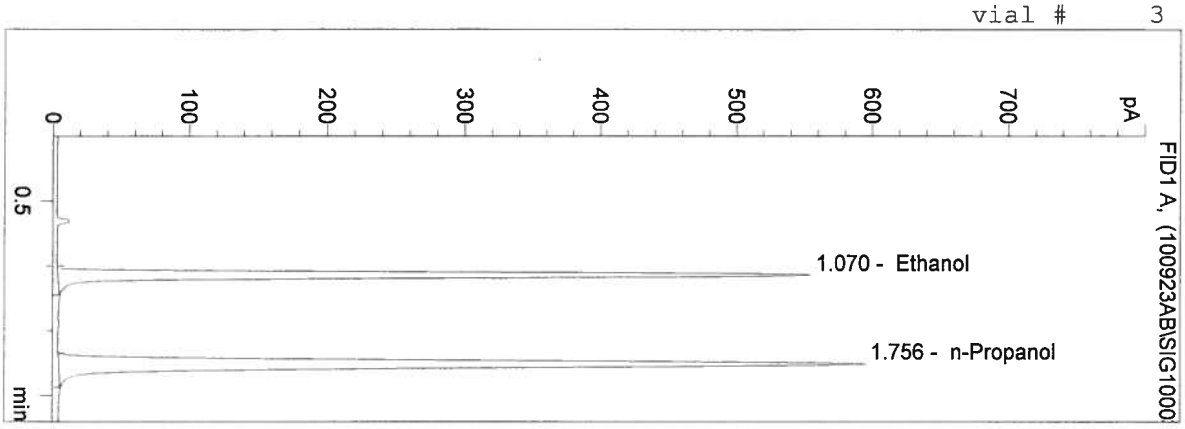
F 10041

WASHINGTON STATE TOXICOLOGY LABORATORY

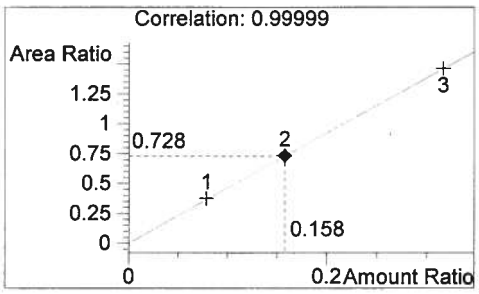
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 3:21:11 PM
Instrument 1
DB ALC 1

0.158 CAL 2
Amanda Black

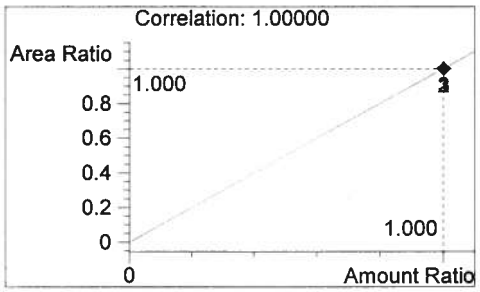
vial # 3



#	Compound	Area	RT
1	Ethanol	1699	1.070
2	n-Propanol	2332	1.756
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

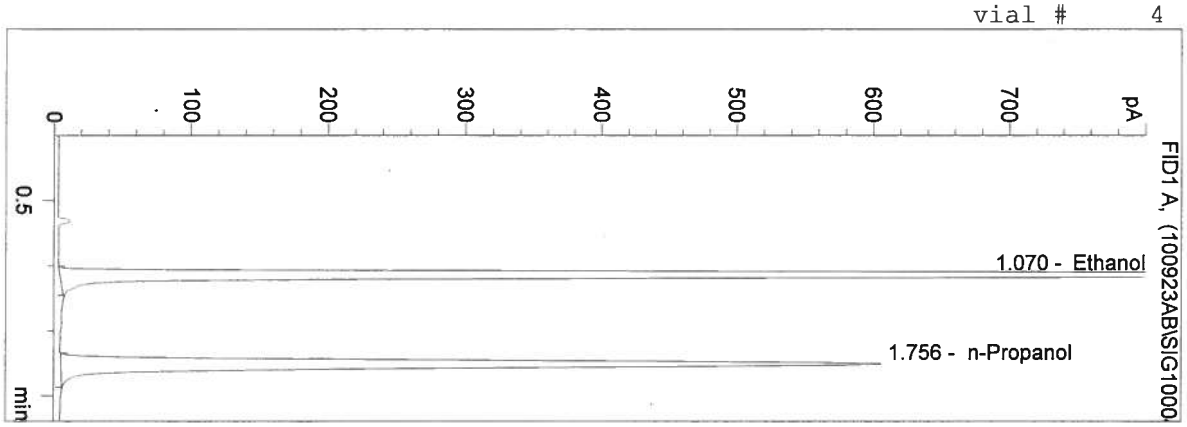
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

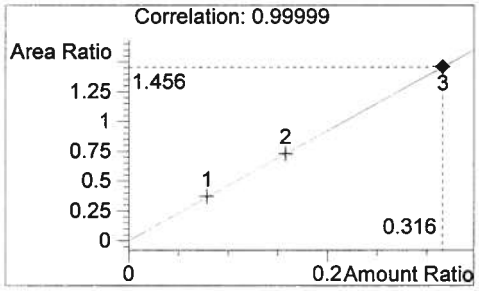
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 3:24:15 PM
Instrument 1
DB ALC 1

0.316 CAL 3
Amanda Black

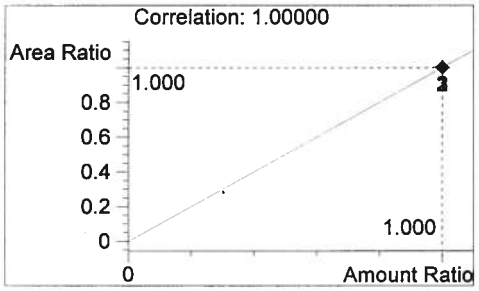
vial # 4



#	Compound	Area	RT
1	Ethanol	3464	1.070
2	n-Propanol	2379	1.756
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

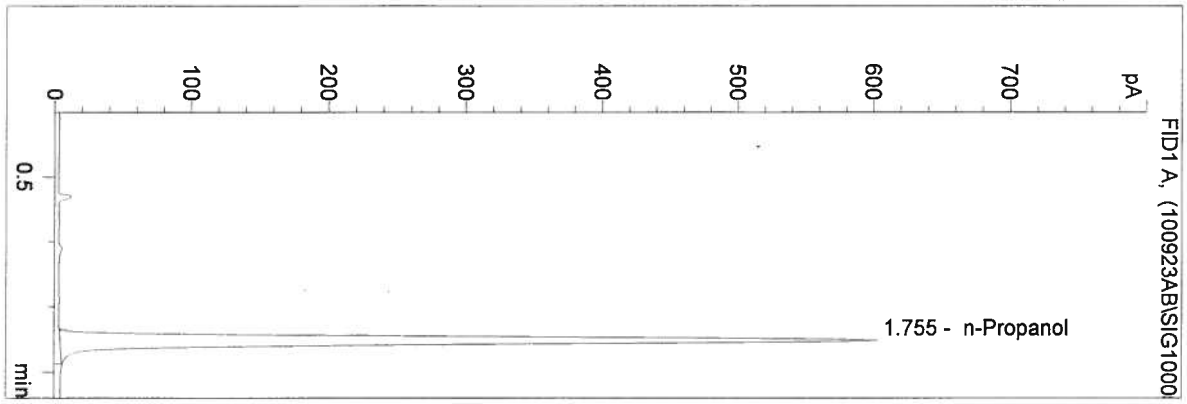
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

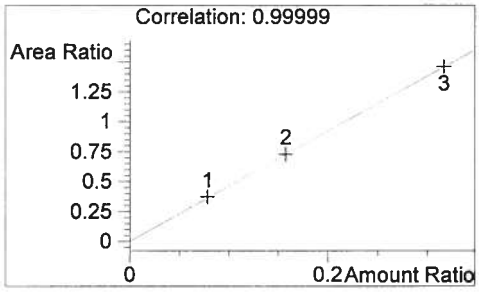
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 3:27:20 PM
Instrument 1
DB ALC 1

NEG CTRL - AB
Amanda Black

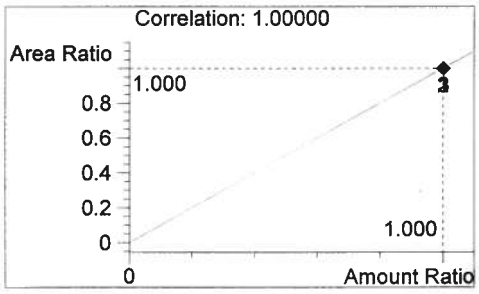
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2367	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

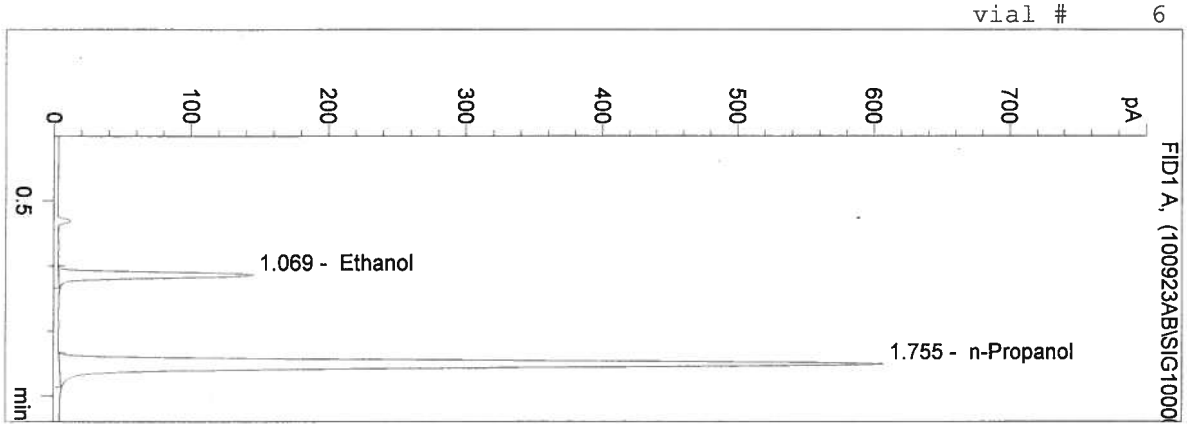
AB

WASHINGTON STATE TOXICOLOGY LABORATORY

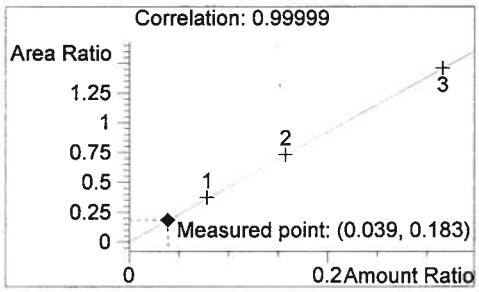
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 3:30:24 PM
Instrument 1
DB ALC 1

0.04 CTRL - AB
Amanda Black

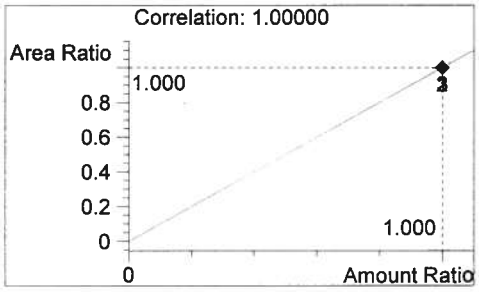
vial # 6



#	Compound	Area	RT
1	Ethanol	437	1.069
2	n-Propanol	2386	1.755
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

AB

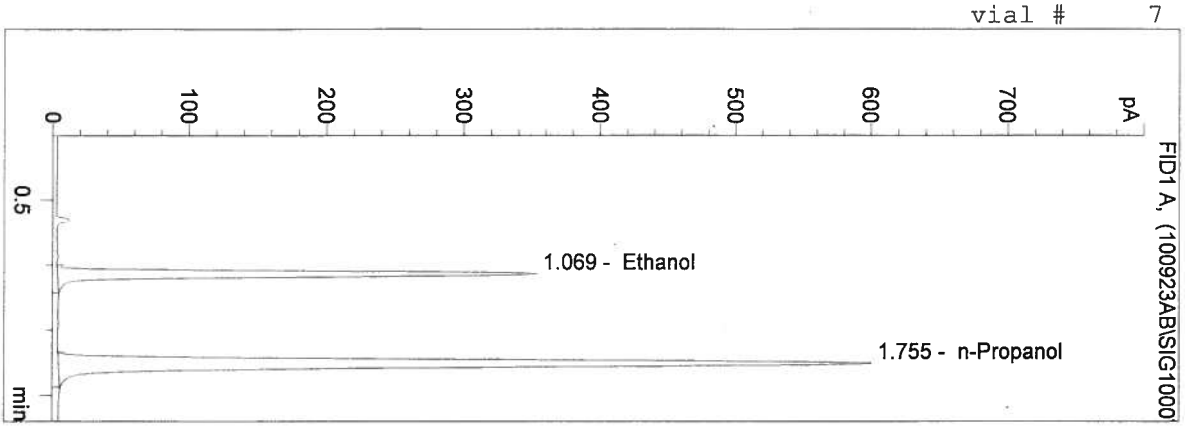
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

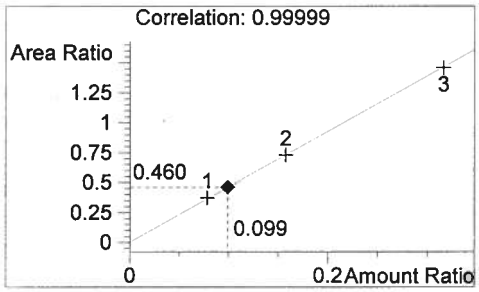
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 3:33:29 PM
Instrument 1
DB ALC 1

0.10 CTRL - AB
Amanda Black

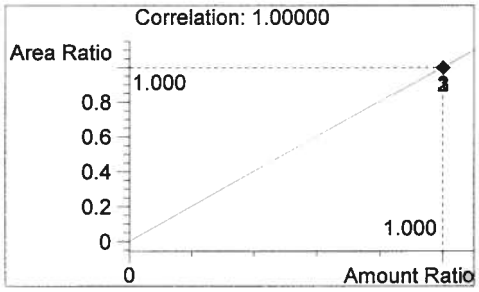
vial # 7



#	Compound	Area	RT
1	Ethanol	1085	1.069
2	n-Propanol	2359	1.755
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

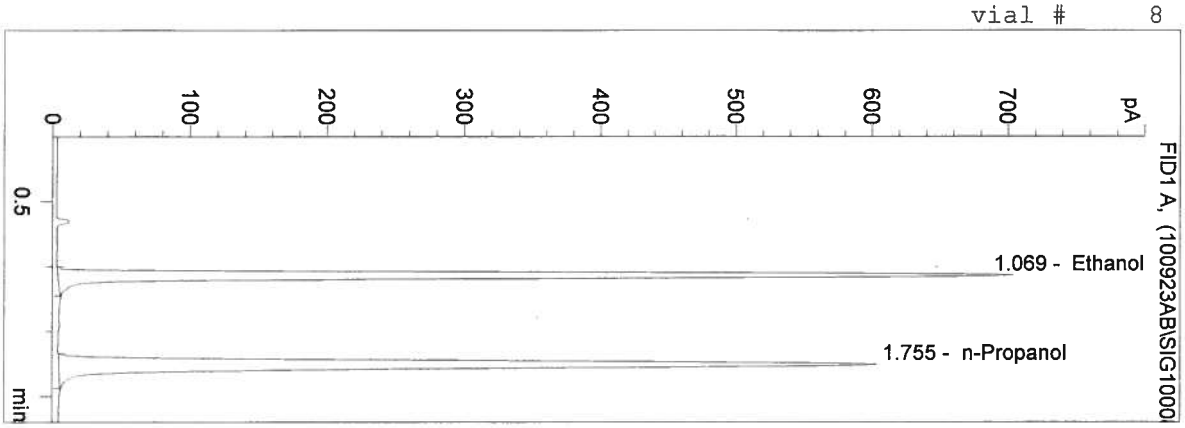
AB

WASHINGTON STATE TOXICOLOGY LABORATORY

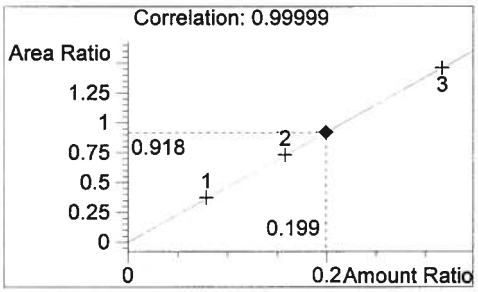
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 3:36:34 PM
Instrument 1
DB ALC 1

0.20 CTRL - AB
Amanda Black

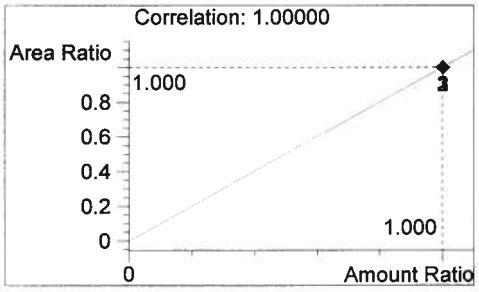
vial # 8



#	Compound	Area	RT
1	Ethanol	2182	1.069
2	n-Propanol	2377	1.755
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

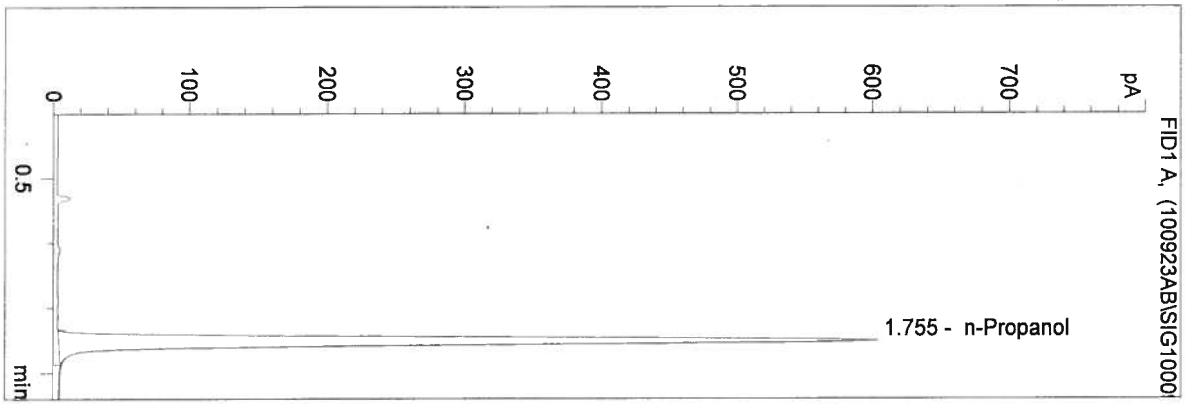
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

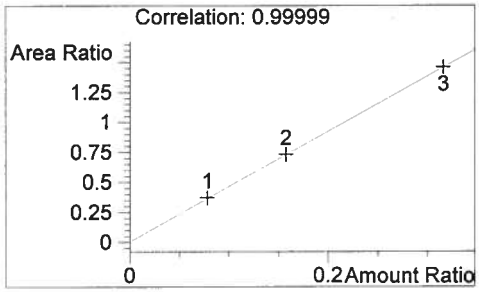
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 3:39:39 PM
Instrument 1
DB ALC 1

NEG CTRL - AB
Amanda Black

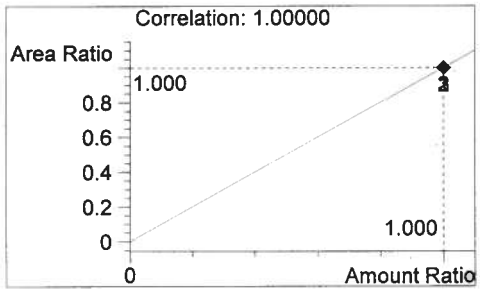
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2378	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

WASHINGTON STATE TOXICOLOGY LABORATORY

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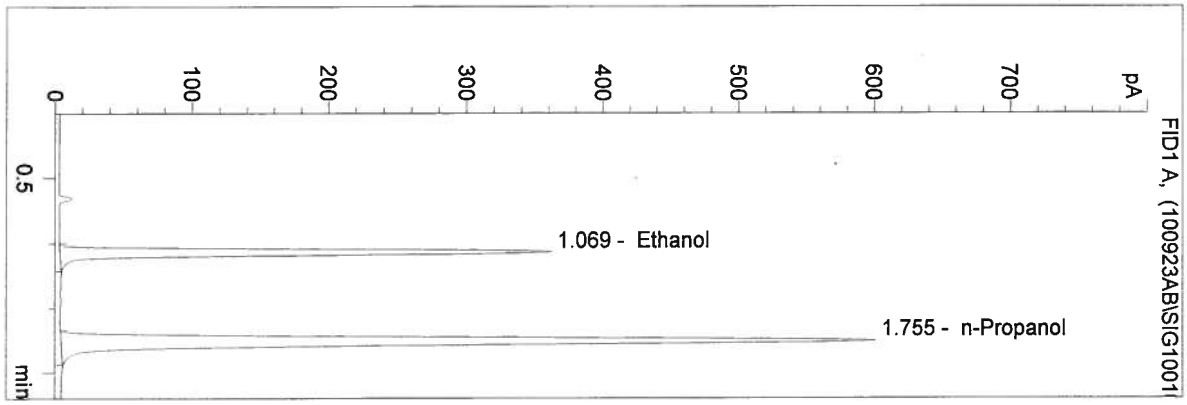
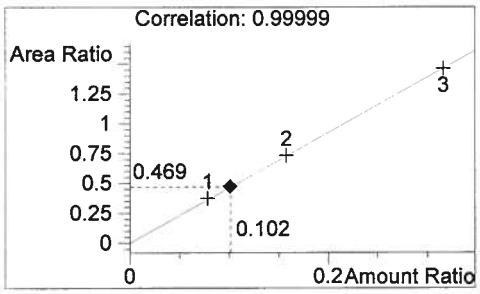
9/23/2010 3:42:43 PM
Instrument 1
DB ALC 1

10041 #1
Amanda Black

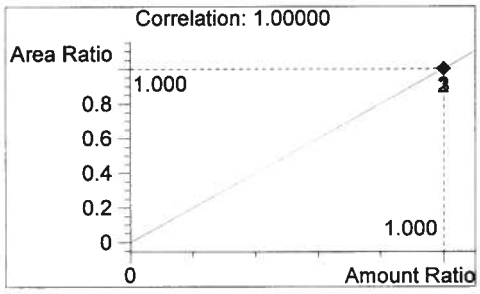
vial # 10



#	Compound	Area	RT
1	Ethanol	1110	1.069
2	n-Propanol	2365	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

OB

WASHINGTON STATE TOXICOLOGY LABORATORY

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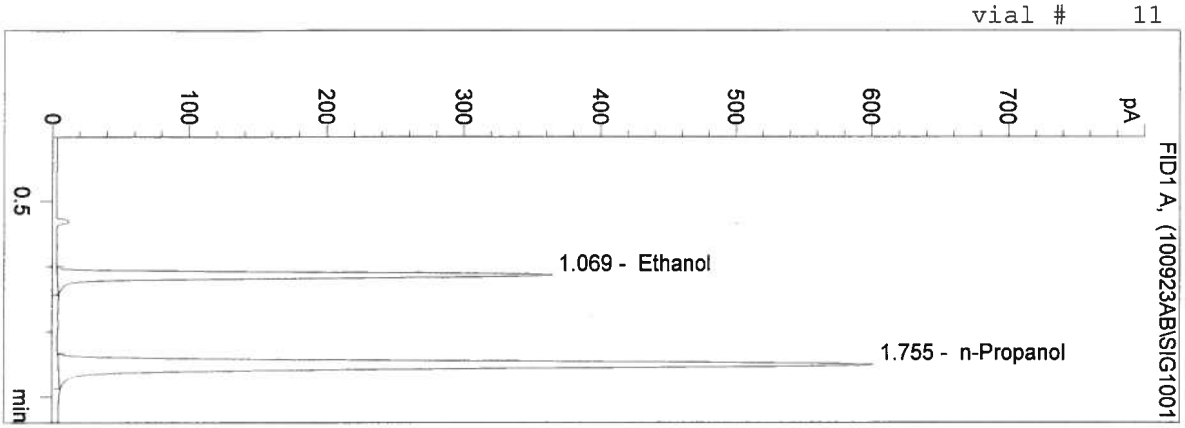
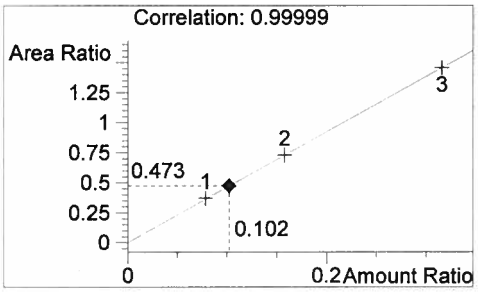
9/23/2010 3:45:48 PM
Instrument 1
DB ALC 1

10041 #2
Amanda Black

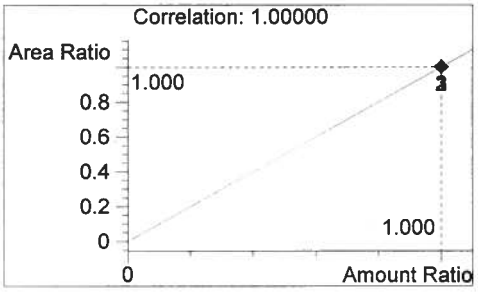
vial # 11



#	Compound	Area	RT
1	Ethanol	1123	1.069
2	n-Propanol	2374	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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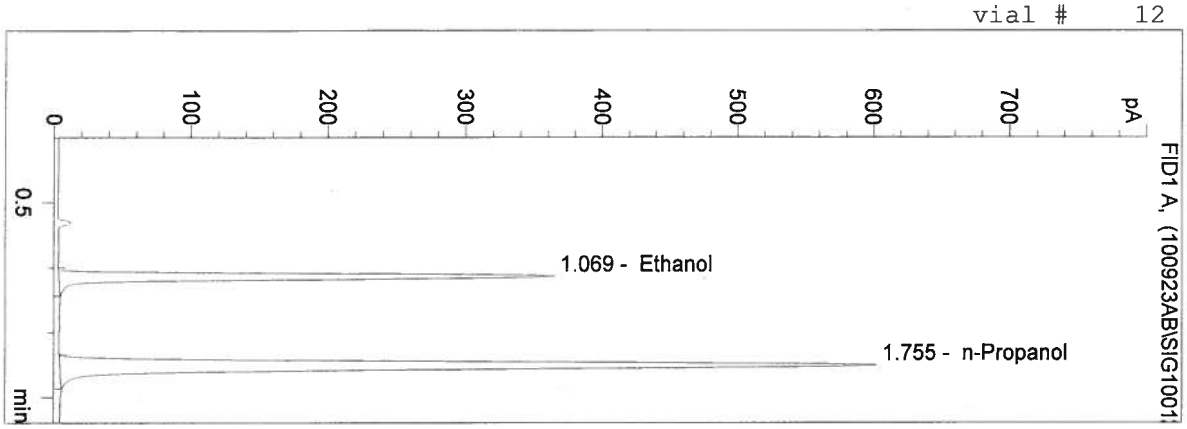
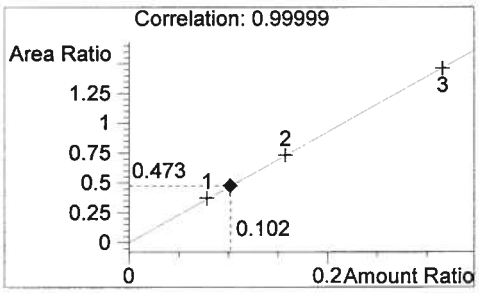
9/23/2010 3:48:53 PM
Instrument 1
DB ALC 1

10041 #3
Amanda Black

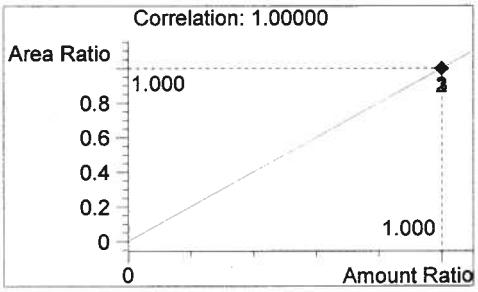
vial # 12



#	Compound	Area	RT
1	Ethanol	1124	1.069
2	n-Propanol	2374	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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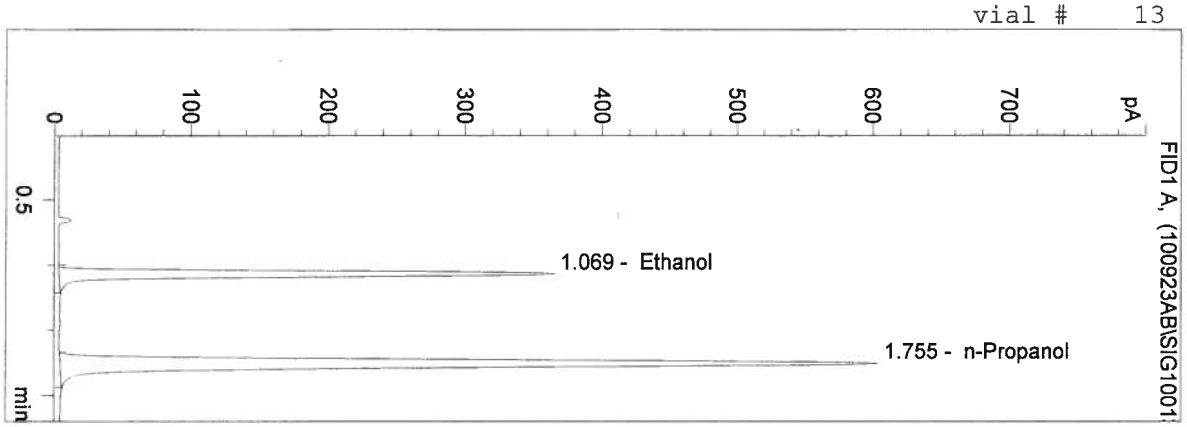
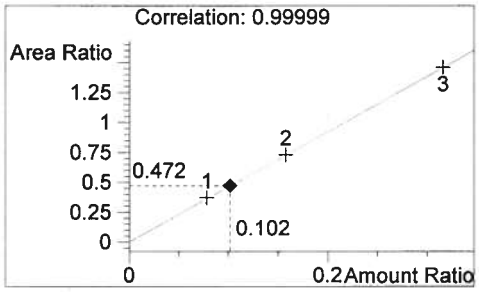
9/23/2010 3:51:58 PM
Instrument 1
DB ALC 1

10041 #4
Amanda Black

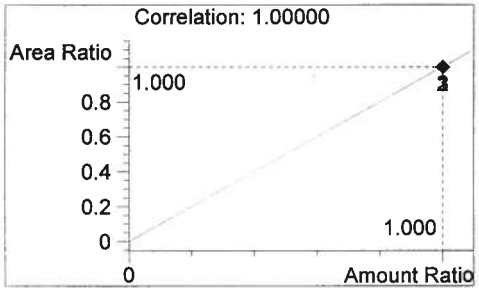
vial # 13



#	Compound	Area	RT
1	Ethanol	1120	1.069
2	n-Propanol	2373	1.755
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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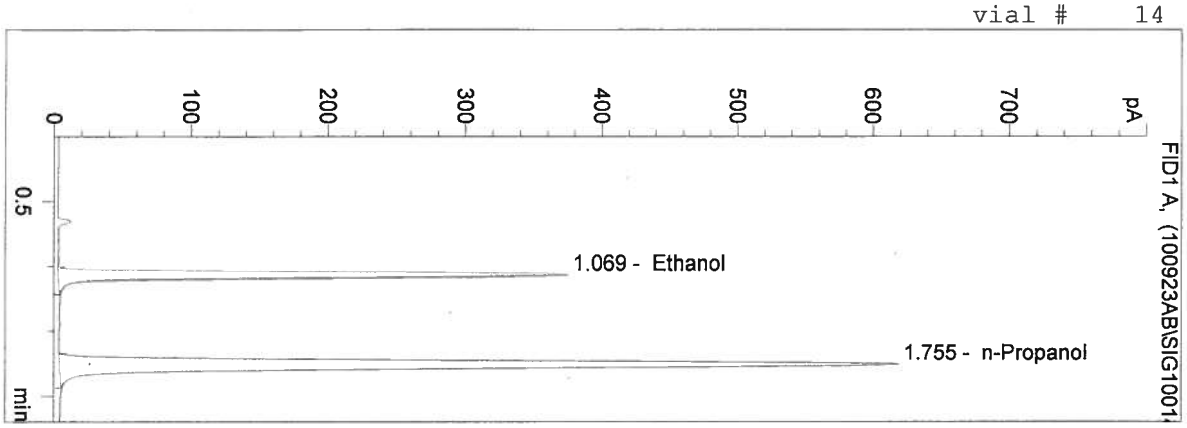
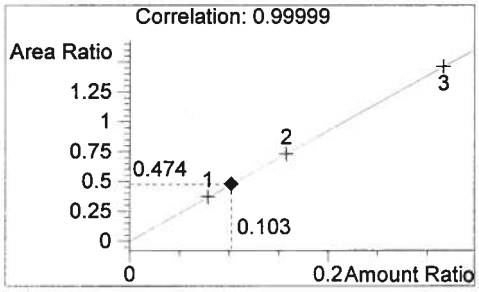
9/23/2010 3:55:02 PM
Instrument 1
DB ALC 1

10041 #5
Amanda Black

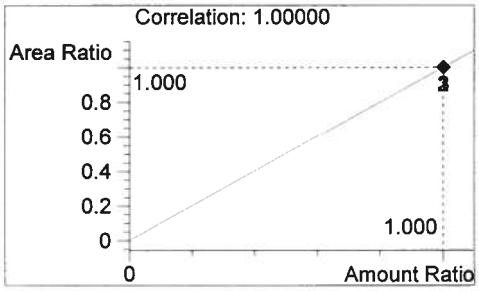
vial # 14



#	Compound	Area	RT
1	Ethanol	1152	1.069
2	n-Propanol	2430	1.755
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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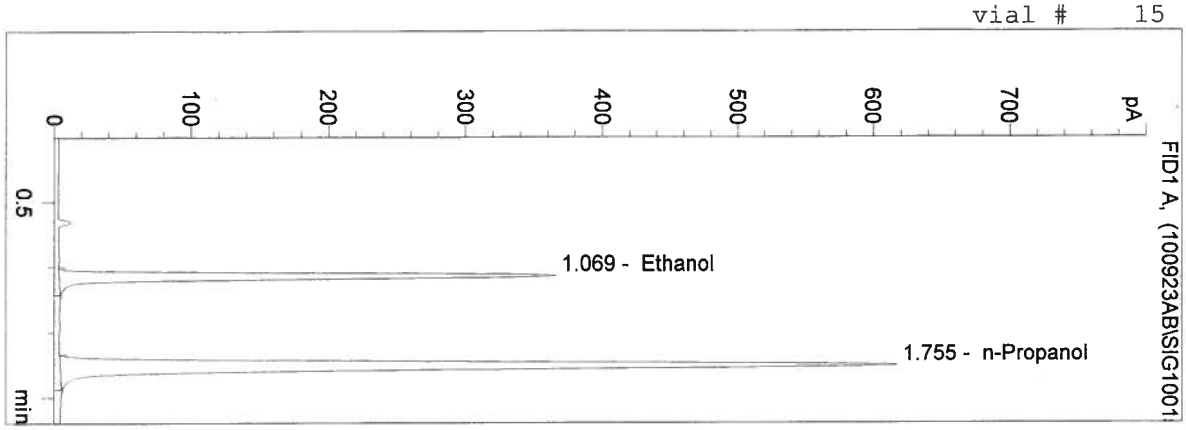
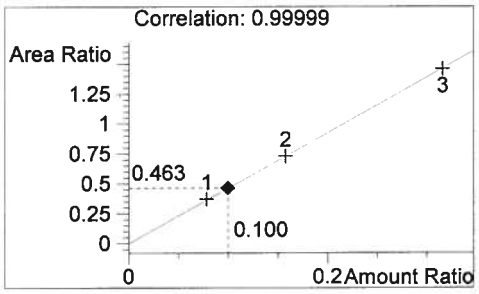
9/23/2010 3:58:07 PM
Instrument 1
DB ALC 1

0.10 CTRL - AB
Amanda Black

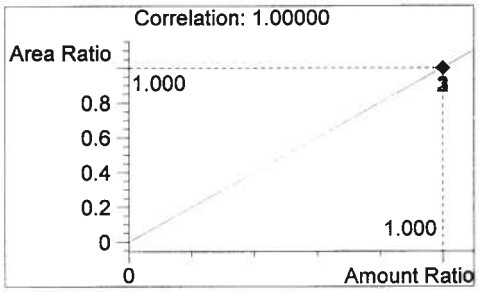
vial # 15



#	Compound	Area	RT
1	Ethanol	1125	1.069
2	n-Propanol	2430	1.755
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

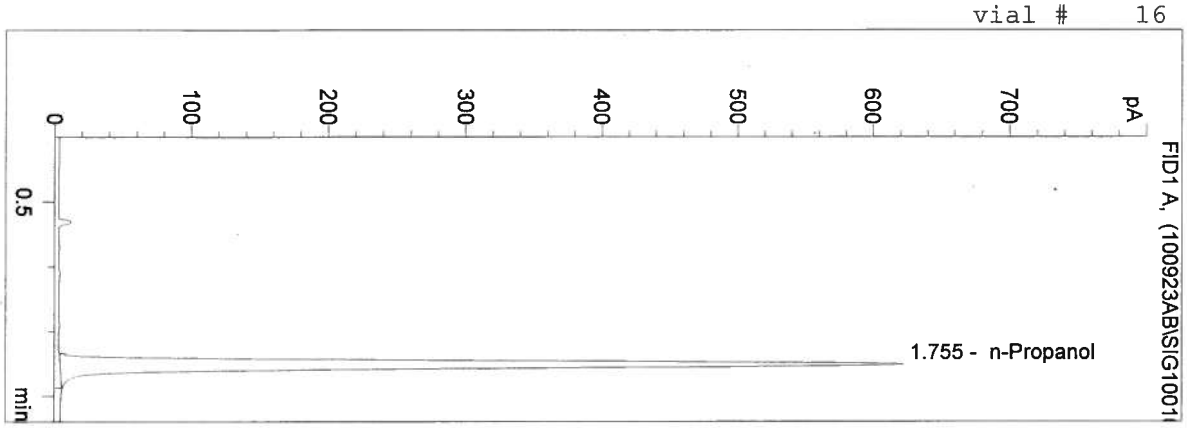
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

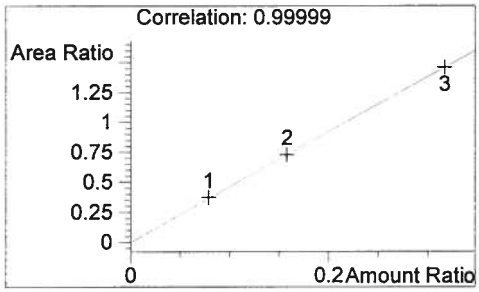
C:\HPCHEM\1\METHODS\SIMALC.M
9/23/2010 4:01:11 PM
Instrument 1
DB ALC 1

NEG CTRL - AB
Amanda Black

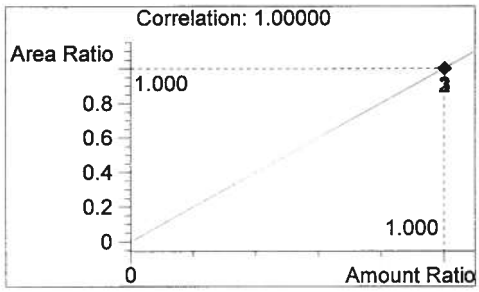
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2450	1.755
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

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:	100927RF
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

RF

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	10041 #1	SIMALC	1	Sample		
11	Vial 11	10041 #2	SIMALC	1	Sample		
12	Vial 12	10041 #3	SIMALC	1	Sample		
13	Vial 13	10041 #4	SIMALC	1	Sample		
14	Vial 14	10041 #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	

Sequence Table (Back Injector):

No entries - empty table!

10041

RF

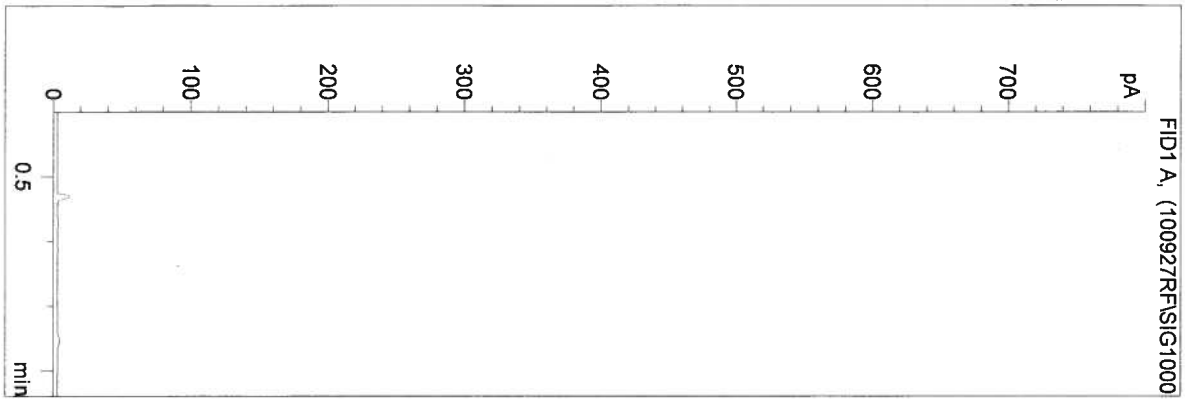
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 1:17:59 PM
Instrument 1
DB ALC 1

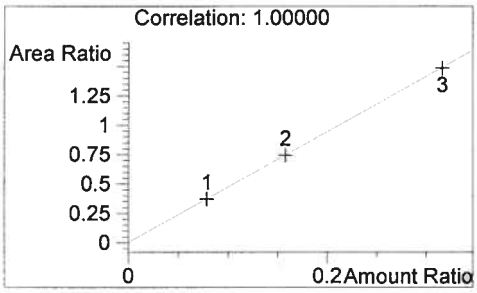
BLANK
Rebecca Flaherty

vial # 1

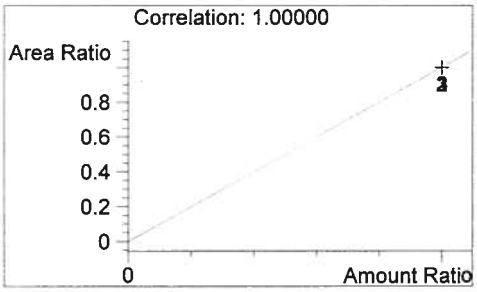


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	0	0.000
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 0.000 g/100 mL

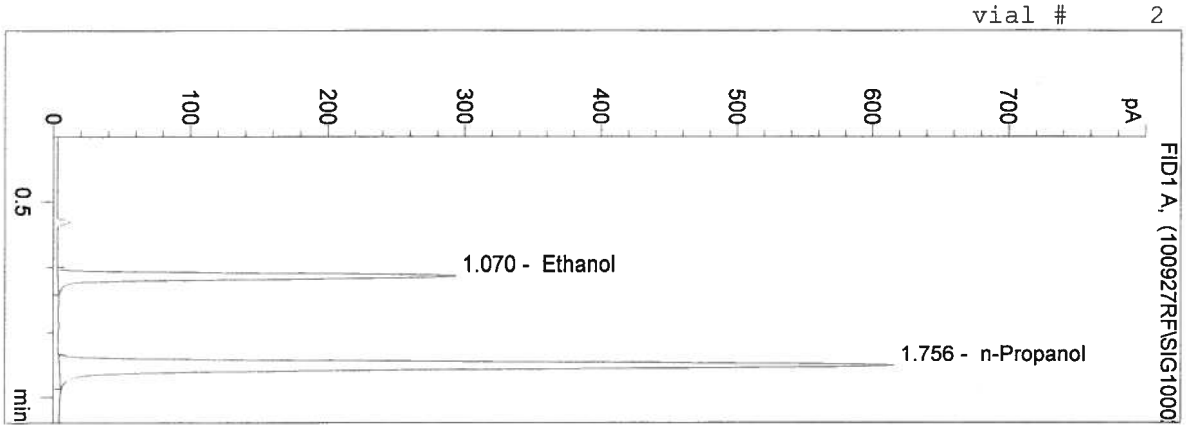
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 1:21:05 PM
Instrument 1
DB ALC 1

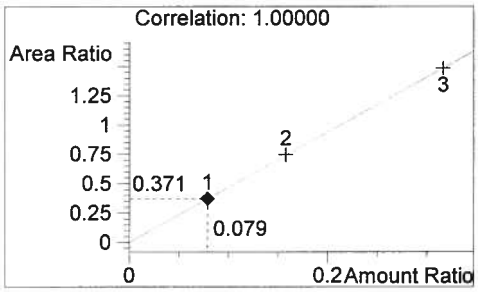
0.079 CAL 1
Rebecca Flaherty

vial # 2

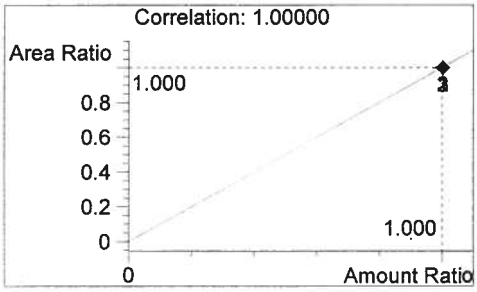


#	Compound	Area	RT
1	Ethanol	898	1.070
2	n-Propanol	2420	1.756
Tot			

RF



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

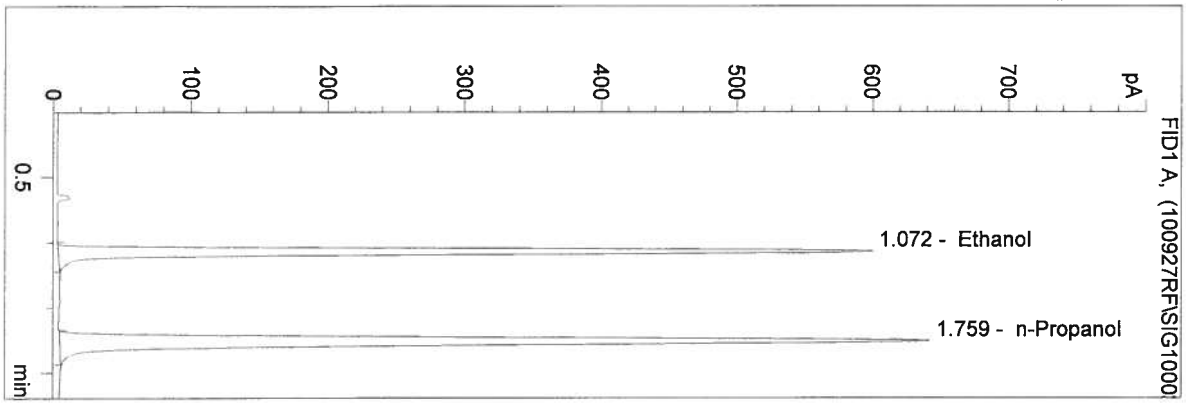
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 1:24:10 PM
Instrument 1
DB ALC 1

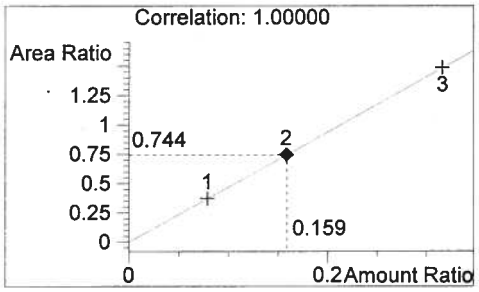
0.158 CAL 2
Rebecca Flaherty

vial # 3

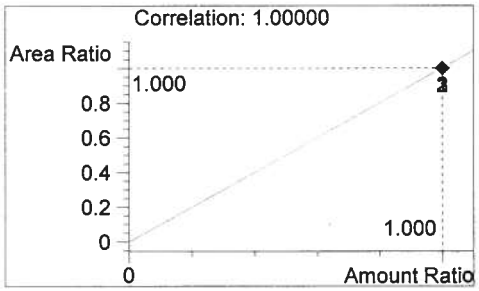


#	Compound	Area	RT
1	Ethanol	1886	1.072
2	n-Propanol	2535	1.759
Tot			

RF



Ethanol 0.159 g/100 mL



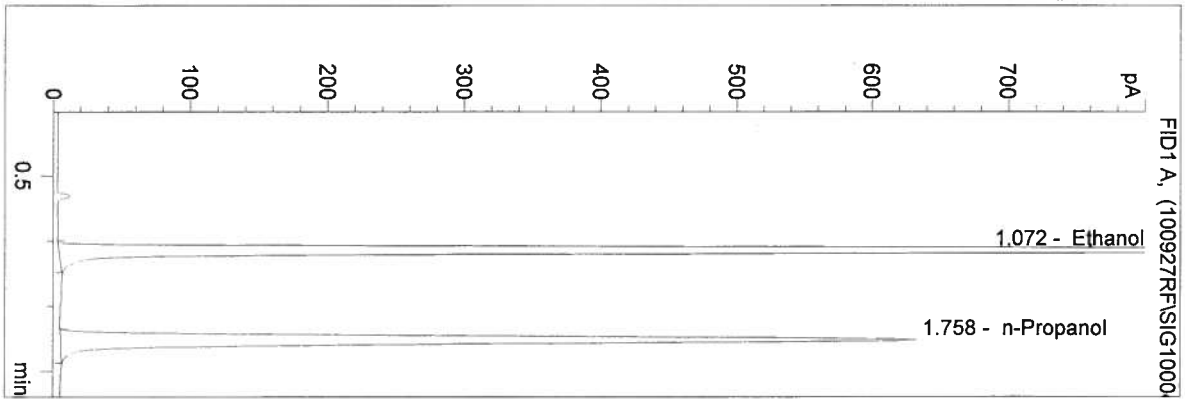
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 1:27:15 PM
Instrument 1
DB ALC 1

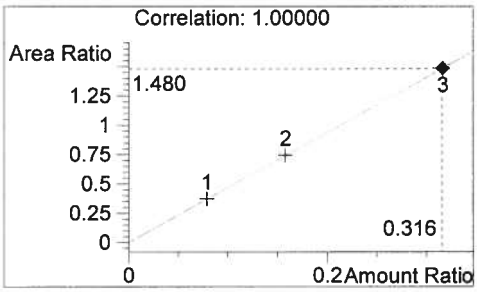
0.316 CAL 3
Rebecca Flaherty

vial # 4

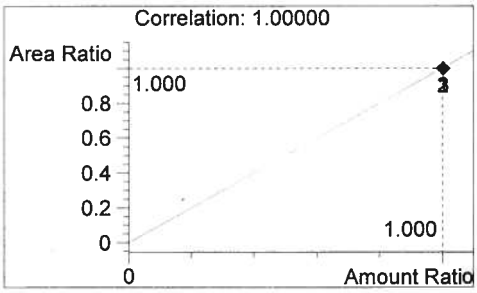


#	Compound	Area	RT
1	Ethanol	3680	1.072
2	n-Propanol	2487	1.758
Tot			

RF



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

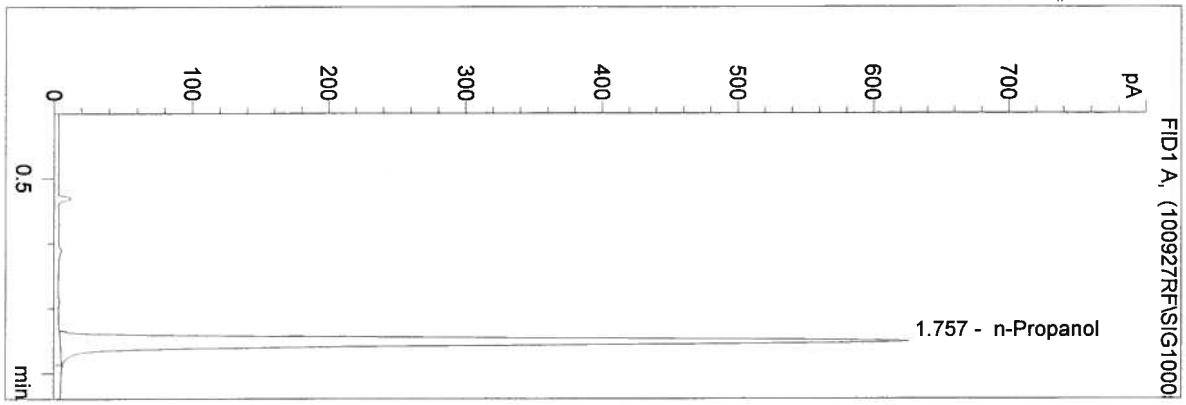
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 1:30:20 PM
Instrument 1
DB ALC 1

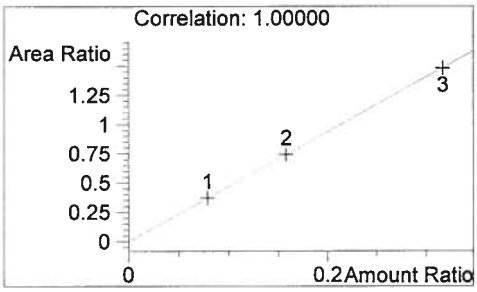
NEG CONTROL-RF
Rebecca Flaherty

vial # 5

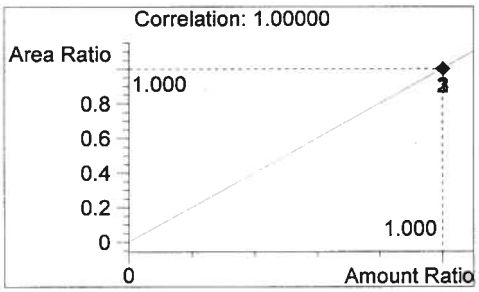


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2468	1.757
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

WASHINGTON STATE TOXICOLOGY LABORATORY

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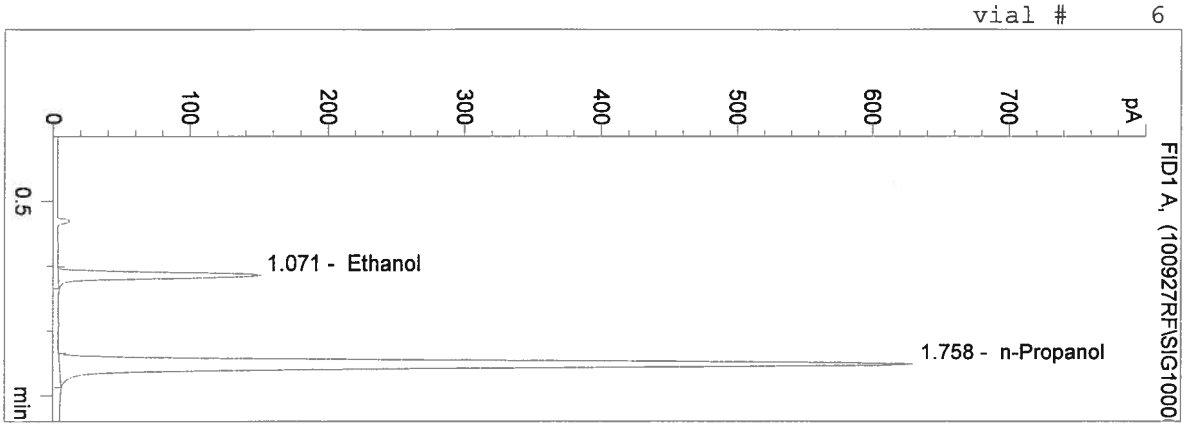
9/27/2010 1:33:25 PM
Instrument 1
DB ALC 1

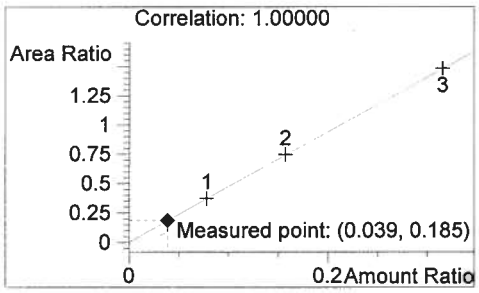
0.04 CONTROL-RF
Rebecca Flaherty

vial # 6

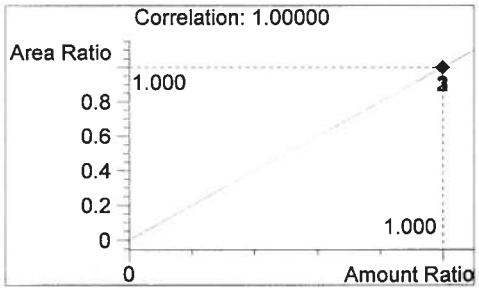


#	Compound	Area	RT
1	Ethanol	461	1.071
2	n-Propanol	2487	1.758
Tot			

RF



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

10041

WASHINGTON STATE TOXICOLOGY LABORATORY

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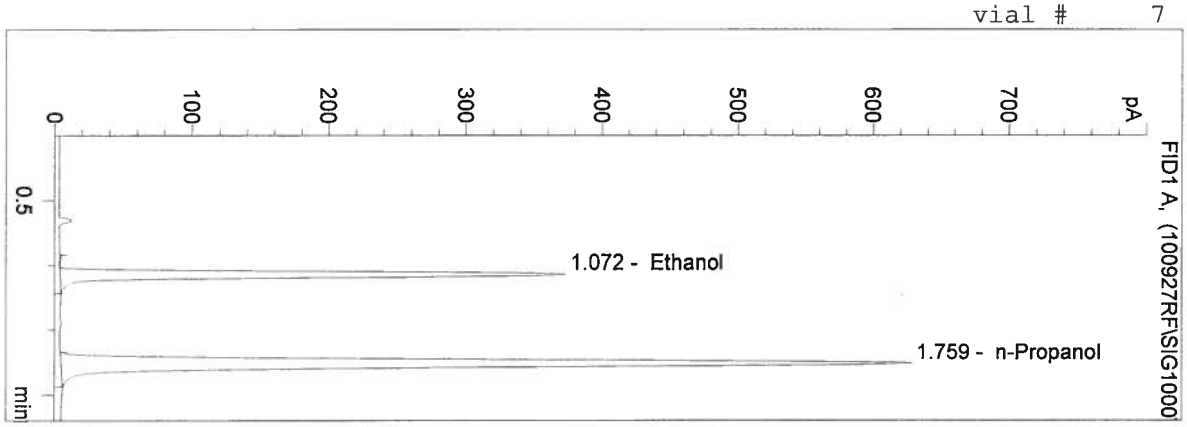
9/27/2010 1:36:29 PM
Instrument 1
DB ALC 1

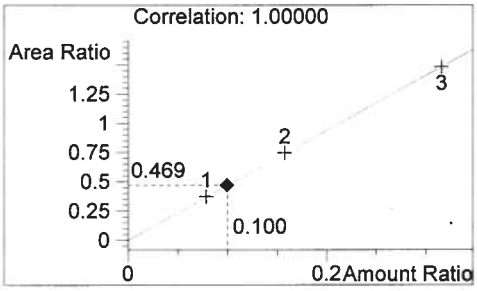
0.10 CONTROL-RF
Rebecca Flaherty

vial # 7

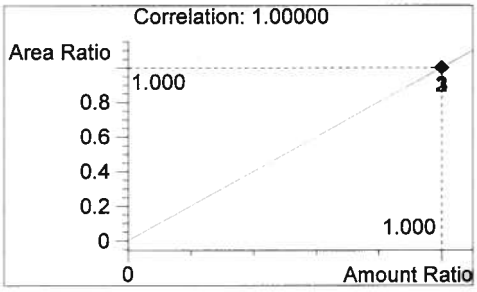


#	Compound	Area	RT
1	Ethanol	1163	1.072
2	n-Propanol	2482	1.759
Tot			

RF



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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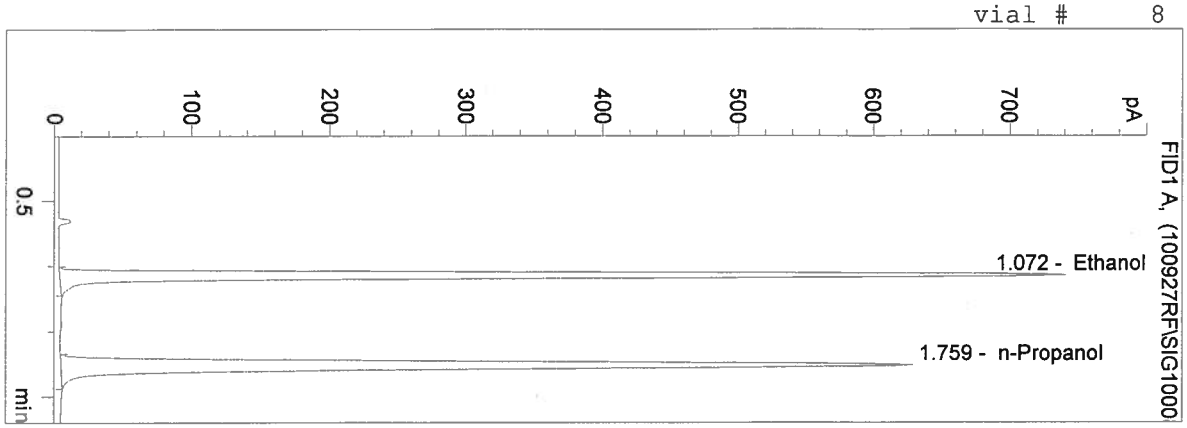
9/27/2010 1:39:34 PM
Instrument 1
DB ALC 1

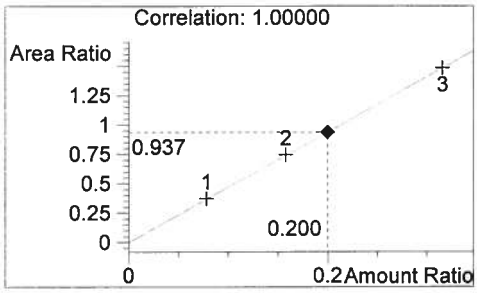
0.20 CONTROL-RF
Rebecca Flaherty

vial # 8

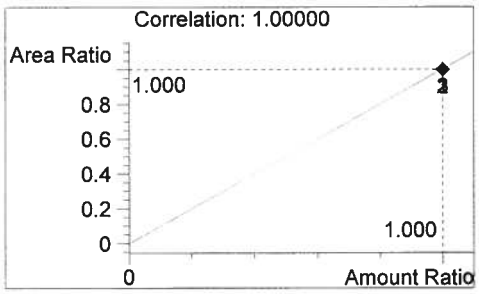


#	Compound	Area	RT
1	Ethanol	2319	1.072
2	n-Propanol	2475	1.759
Tot			

RF



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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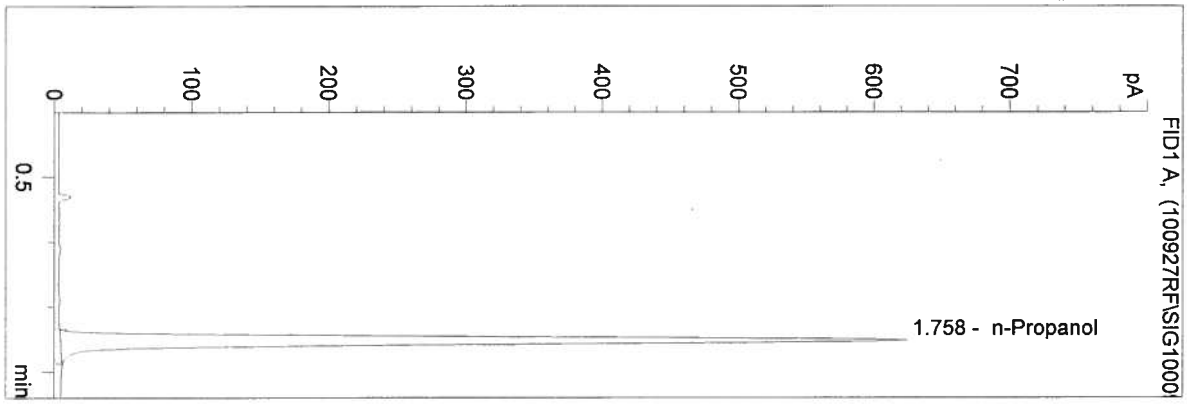
9/27/2010 1:42:39 PM
Instrument 1
DB ALC 1

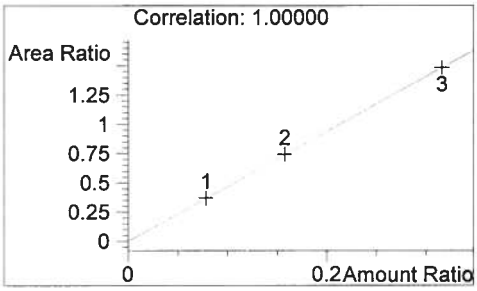
NEG CONTROL-RF
Rebecca Flaherty

vial # 9

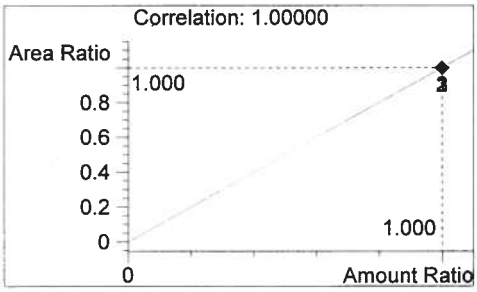


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2463	1.758
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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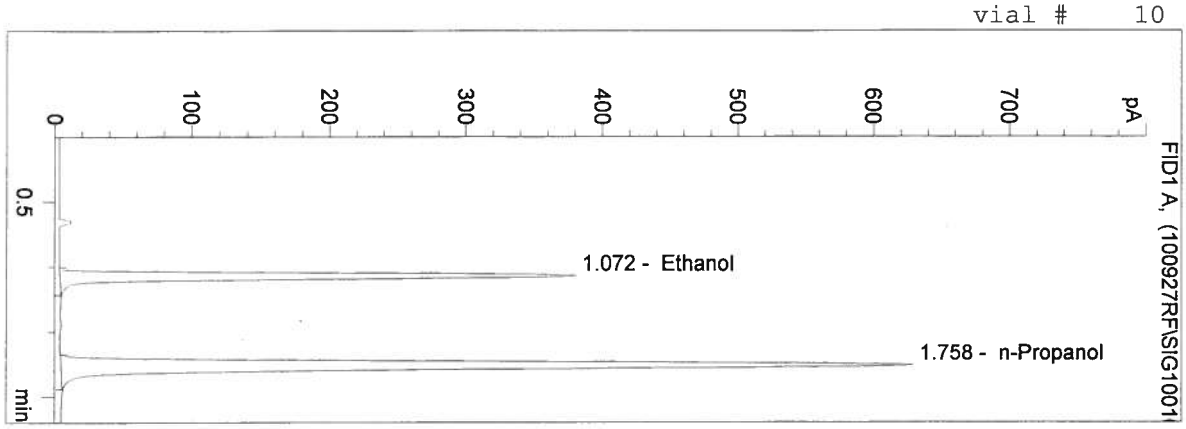
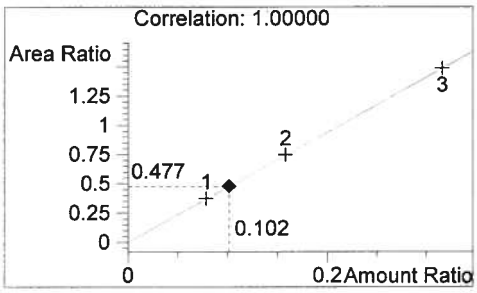
9/27/2010 1:45:44 PM
Instrument 1
DB ALC 1

10041 #1
Rebecca Flaherty
vial # 10

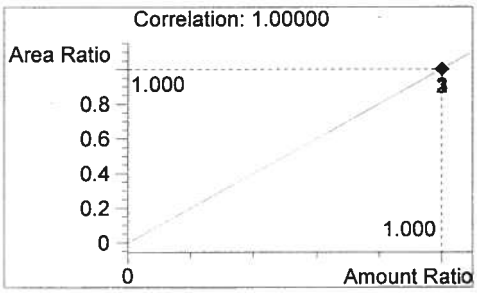


#	Compound	Area	RT
1	Ethanol	1184	1.072
2	n-Propanol	2480	1.758
Tot			

RF



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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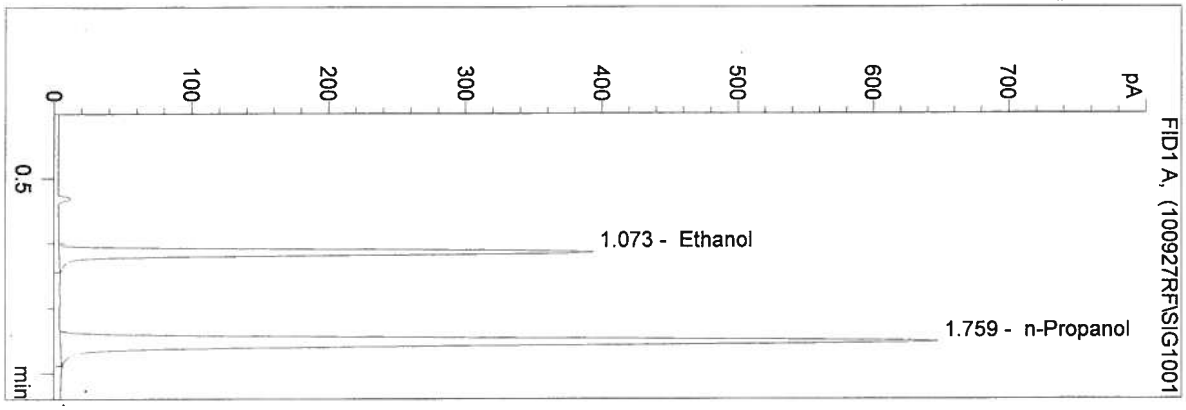
9/27/2010 1:48:48 PM
Instrument 1
DB ALC 1

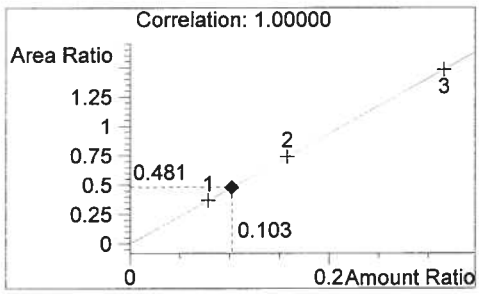
10041 #2
Rebecca Flaherty

vial # 11

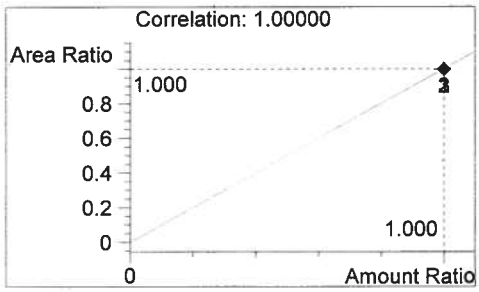


#	Compound	Area	RT
1	Ethanol	1233	1.073
2	n-Propanol	2561	1.759
Tot			

RF



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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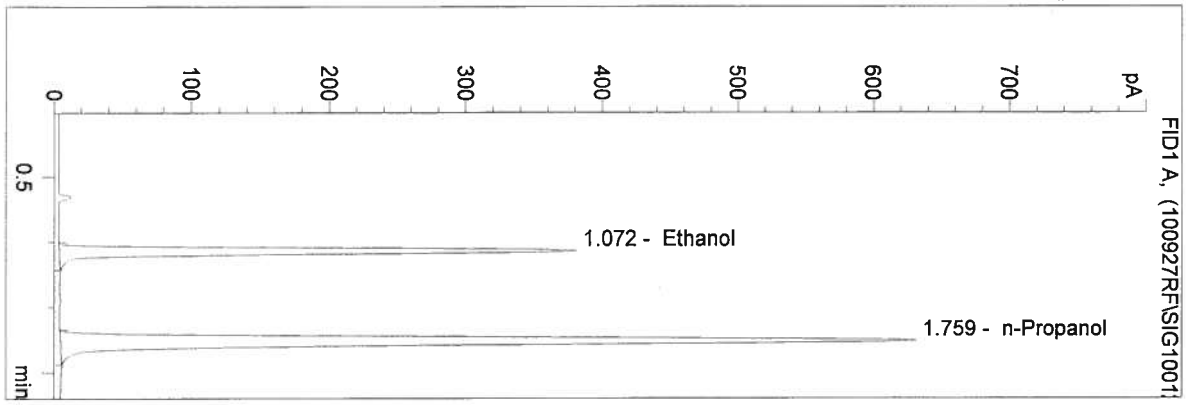
9/27/2010 1:51:53 PM
Instrument 1
DB ALC 1

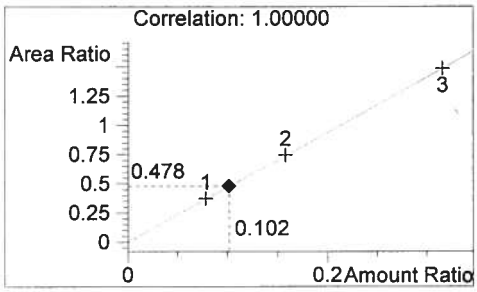
10041 #3
Rebecca Flaherty

vial # 12

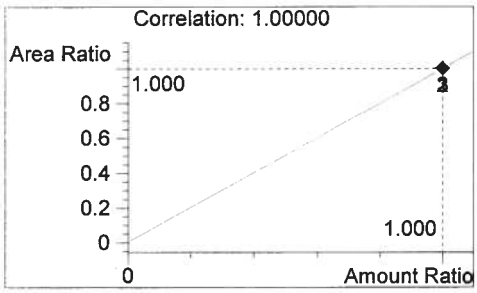


#	Compound	Area	RT
1	Ethanol	1188	1.072
2	n-Propanol	2486	1.759
Tot			

RF



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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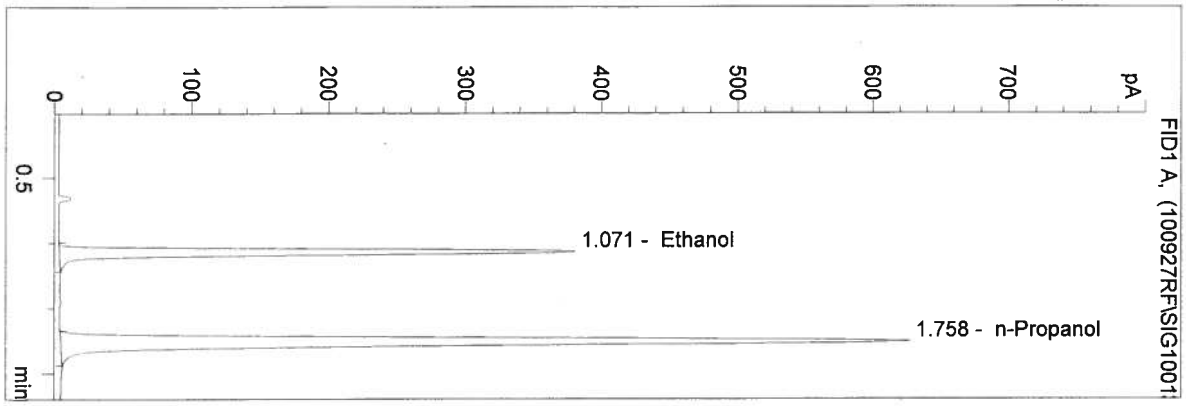
9/27/2010 1:54:58 PM
Instrument 1
DB ALC 1

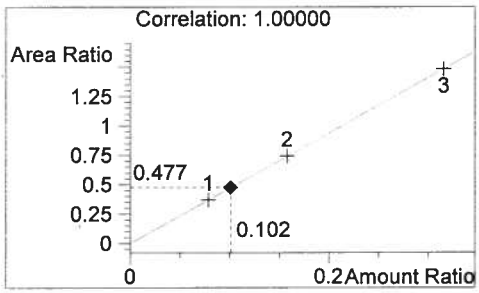
10041 #4
Rebecca Flaherty

vial # 13

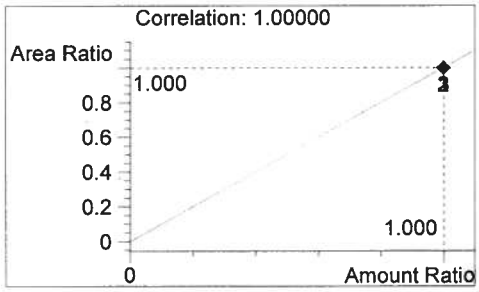


#	Compound	Area	RT
1	Ethanol	1181	1.071
2	n-Propanol	2475	1.758
Tot			

RF



Ethanol 0.102 g/100 mL



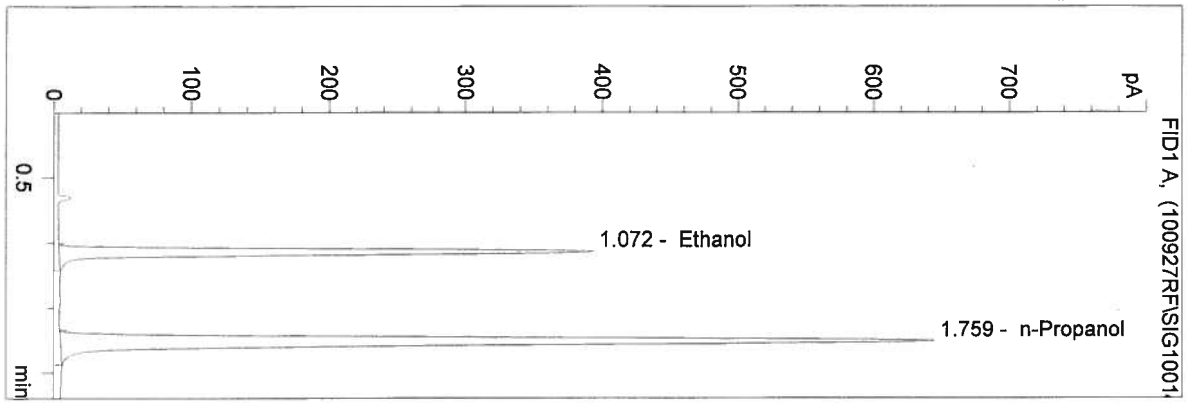
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 1:58:03 PM
Instrument 1
DB ALC 1

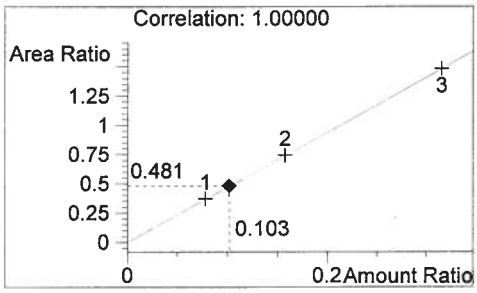
10041 #5
Rebecca Flaherty

vial # 14

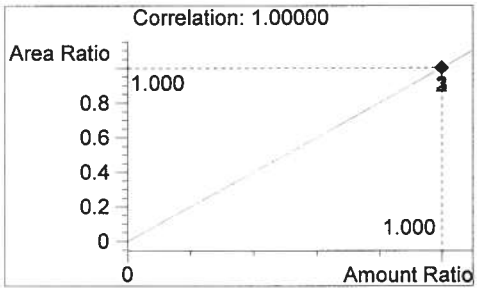


#	Compound	Area	RT
1	Ethanol	1222	1.072
2	n-Propanol	2540	1.759
Tot			

RF



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

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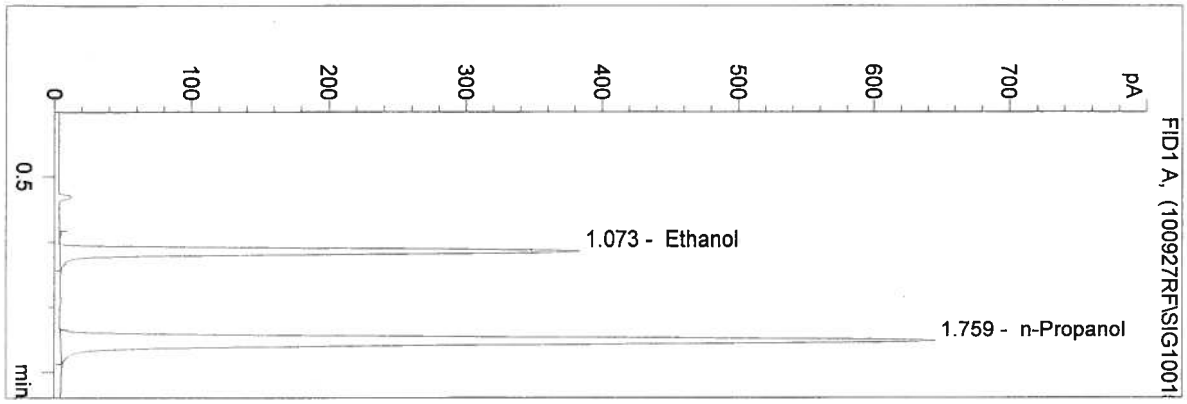
9/27/2010 2:01:08 PM
Instrument 1
DB ALC 1

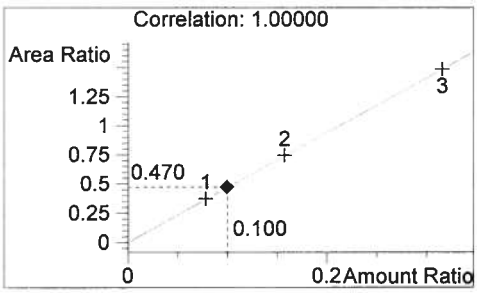
0.10 CONTROL-RF
Rebecca Flaherty

vial # 15

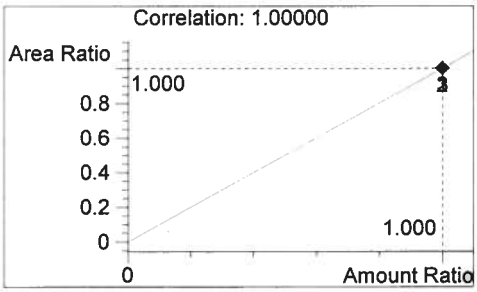


#	Compound	Area	RT
1	Ethanol	1198	1.073
2	n-Propanol	2550	1.759
Tot			

RF



Ethanol 0.100 g/100 mL



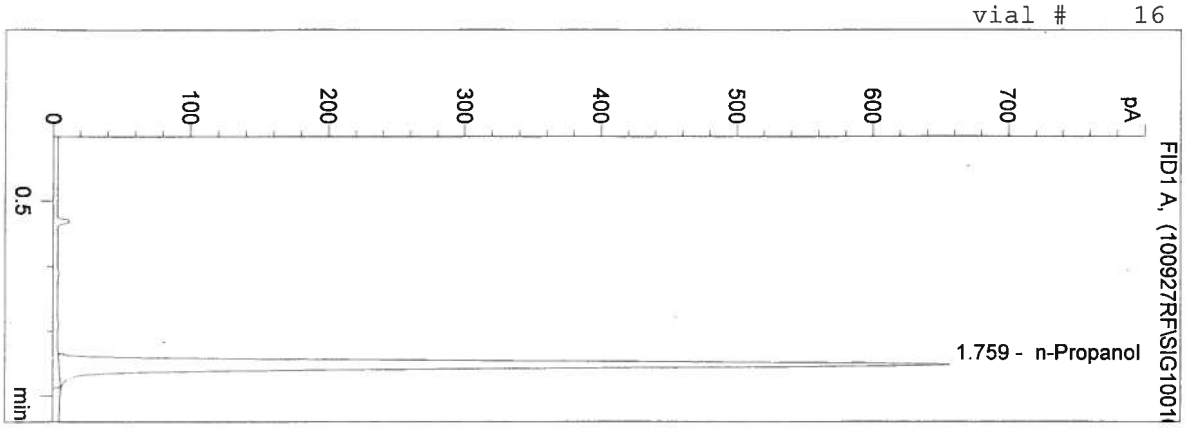
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 2:04:12 PM
Instrument 1
DB ALC 1

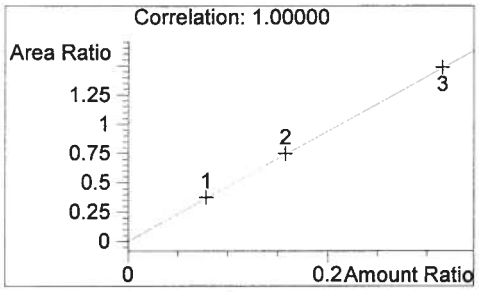
NEG CONTROL-RF
Rebecca Flaherty

vial # 16

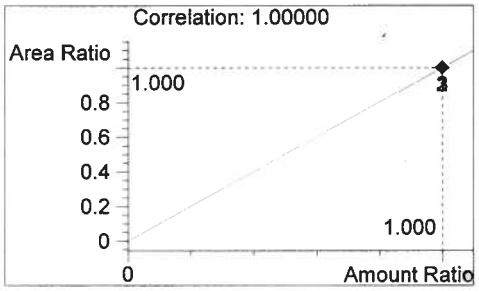


#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2594	1.759
Tot			

RF



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

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:	100927BP
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	10041 #1	SIMALC	1	Sample		
11	Vial 11	10041 #2	SIMALC	1	Sample		
12	Vial 12	10041 #3	SIMALC	1	Sample		
13	Vial 13	10041 #4	SIMALC	1	Sample		
14	Vial 14	10041 #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		

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	

10041

BP

Sequence Table (Back Injector):

No entries - empty table!

- 10041

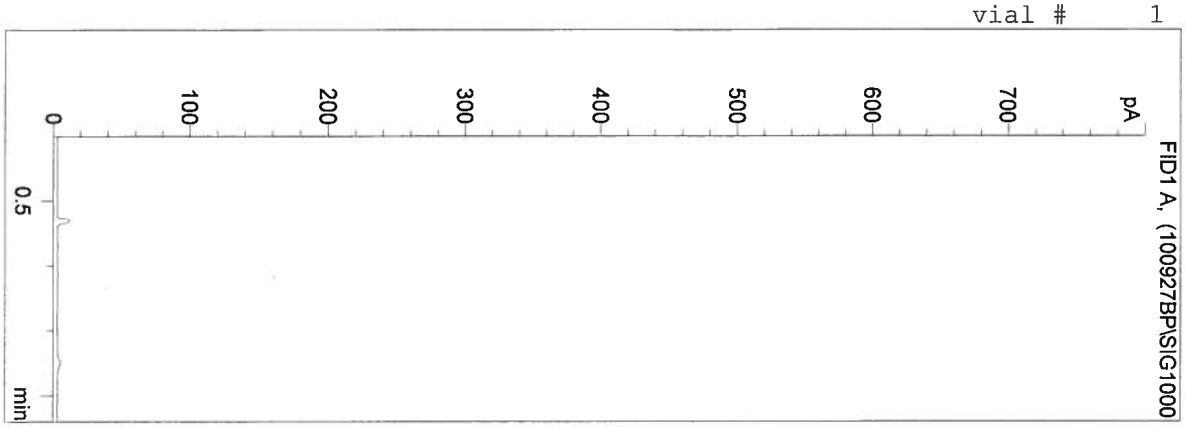
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

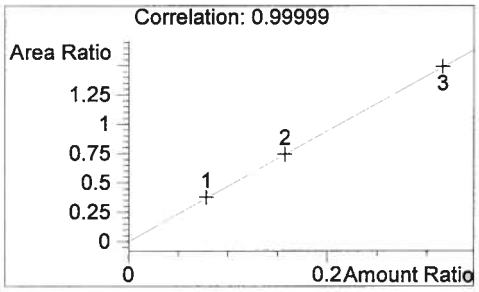
C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 2:25:22 PM
Instrument 1
DB ALC 1

blank
Brianna Peterson

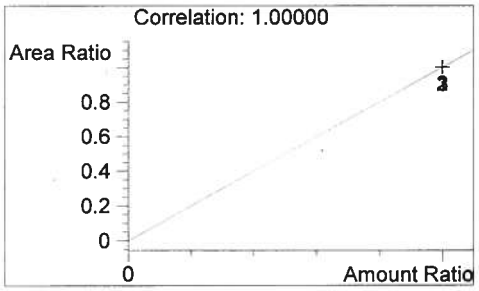
vial # 1



#	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

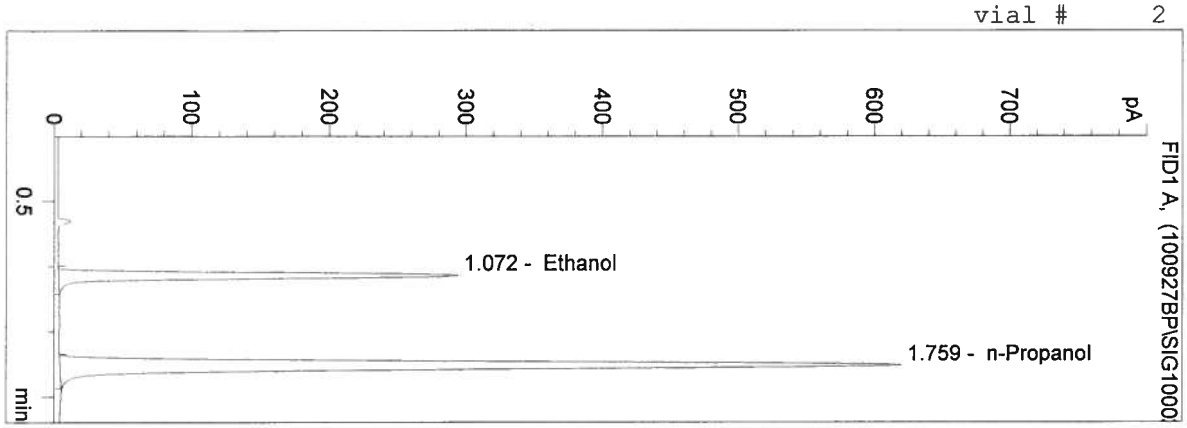
10041

BP

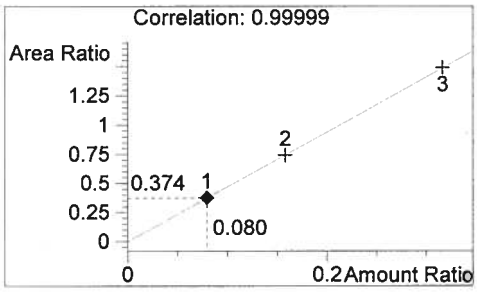
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 2:28:27 PM
Instrument 1
DB ALC 1

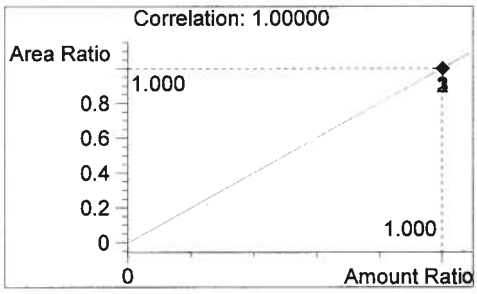
0.079 CAL 1
Brianna Peterson
vial # 2



#	Compound	Area	RT
1	Ethanol	914	1.072
2	n-Propanol	2447	1.759
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

10041

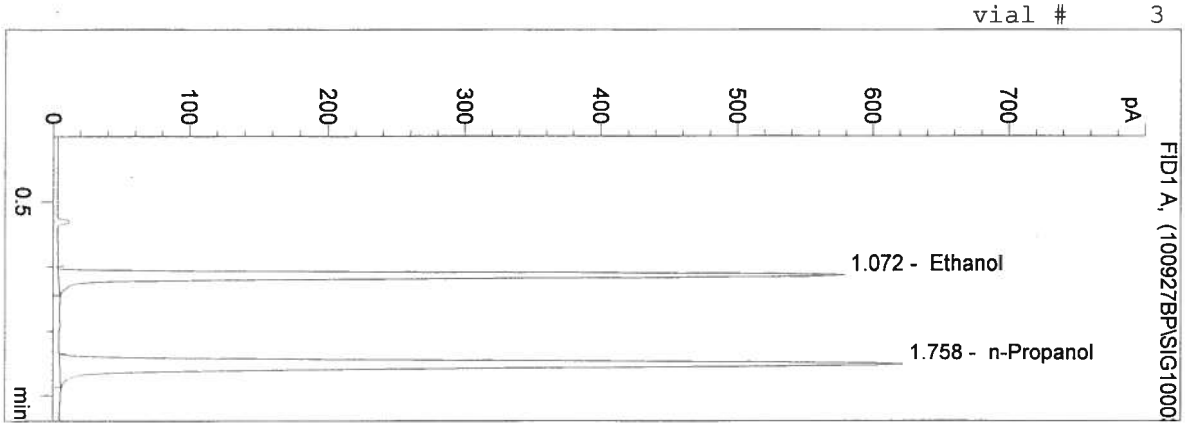
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

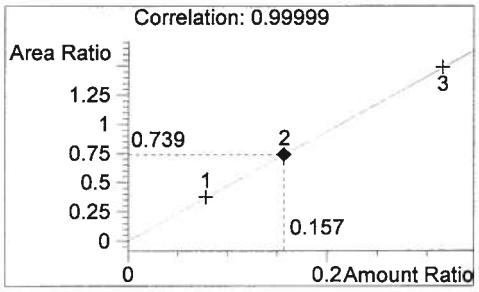
C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 2:31:32 PM
Instrument 1
DB ALC 1

0.158 CAL 2
Brianna Peterson

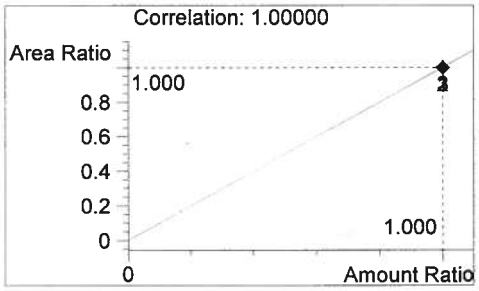
vial # 3



#	Compound	Area	RT
1	Ethanol	1810	1.072
2	n-Propanol	2451	1.758
Tot			



Ethanol 0.157 g/100 mL



n-Propanol 1.000 g/100 mL

10041

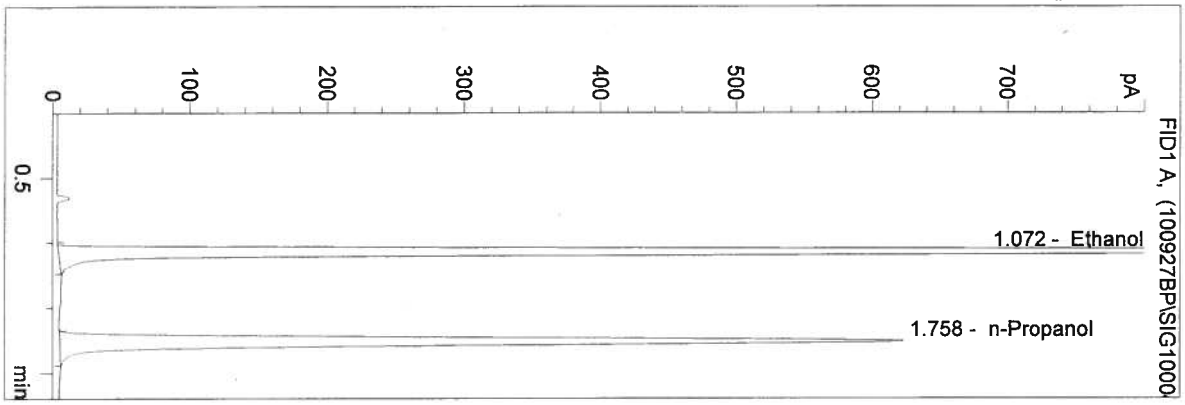
BP

WASHINGTON STATE TOXICOLOGY LABORATORY

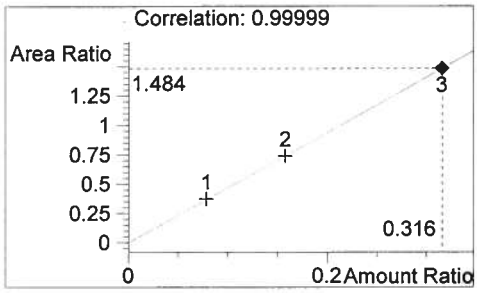
C:\HPCHEM\1\METHODS\SIMALC.M
9/27/2010 2:34:36 PM
Instrument 1
DB ALC 1

0.316 CAL 3
Brianna Peterson

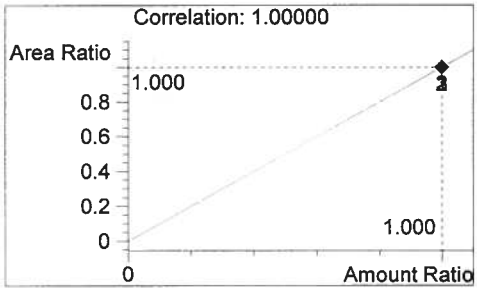
vial # 4



#	Compound	Area	RT
1	Ethanol	3639	1.072
2	n-Propanol	2453	1.758
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

10041

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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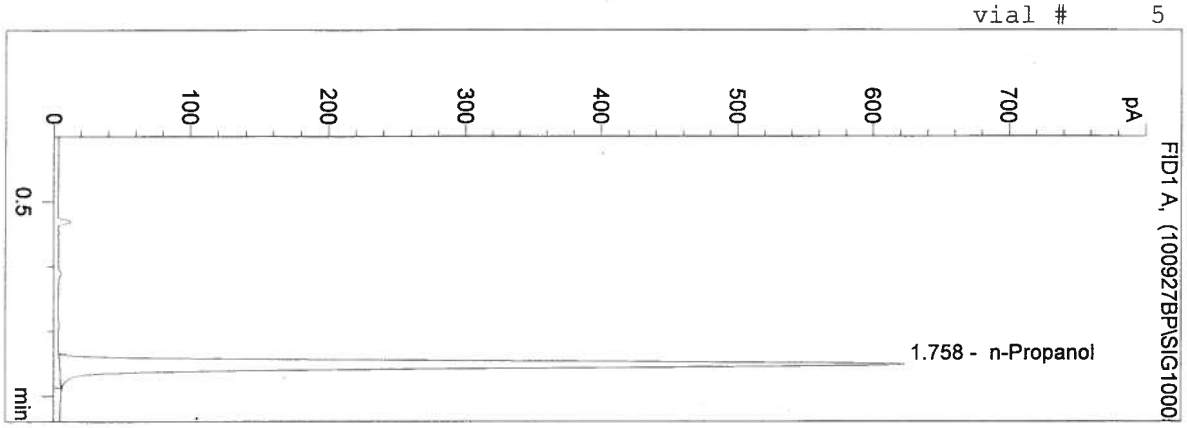
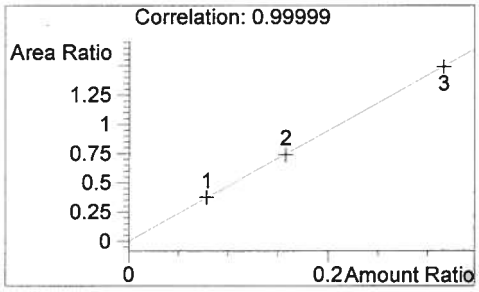
Instrument 1
DB ALC 1

NEG CTRL - BP
Brianna Peterson

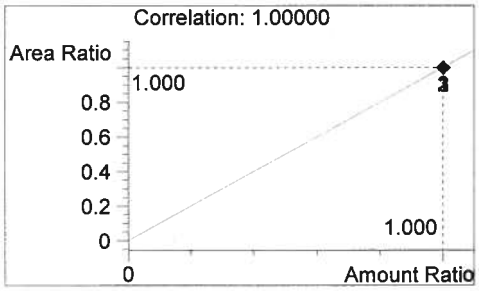
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2457	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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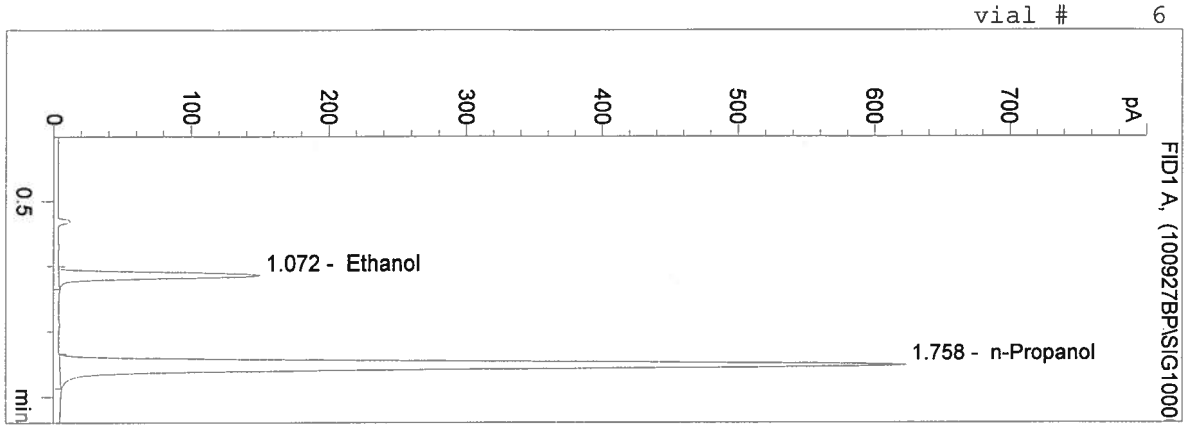
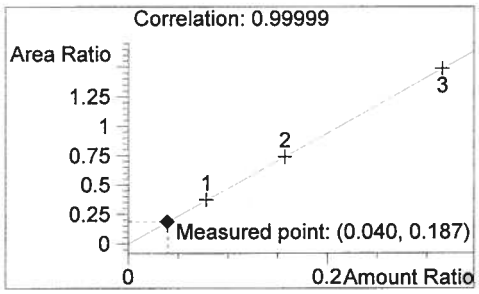
Instrument 1
DB ALC 1

0.04 CTRL - BP
Brianna Peterson

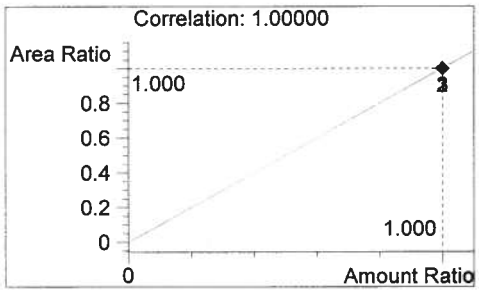
vial # 6



#	Compound	Area	RT
1	Ethanol	457	1.072
2	n-Propanol	2451	1.758
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

10041

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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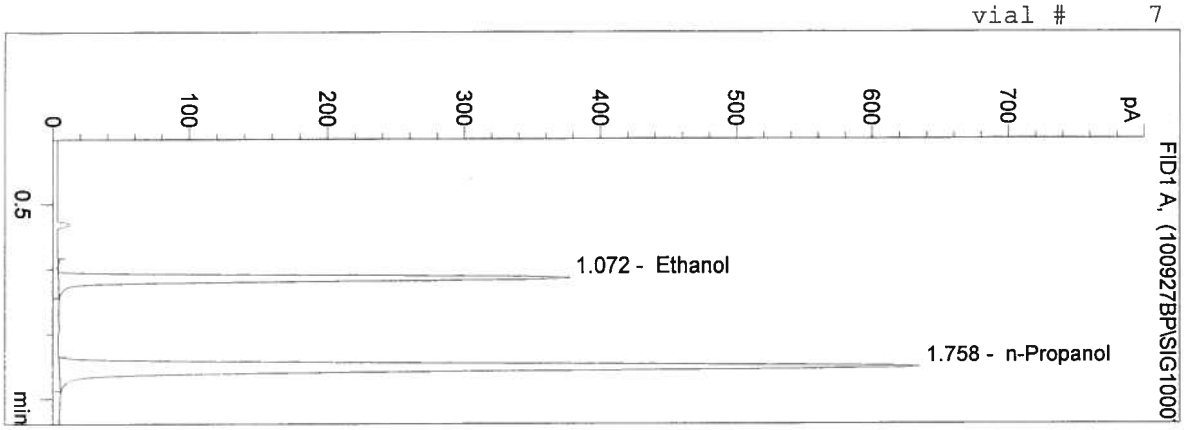
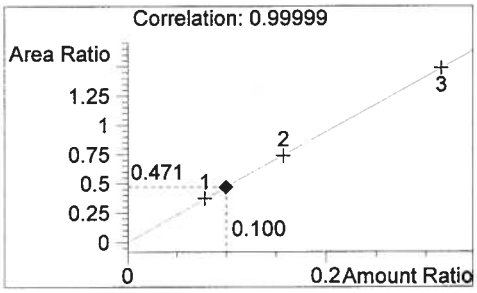
9/27/2010 2:43:51 PM
Instrument 1
DB ALC 1

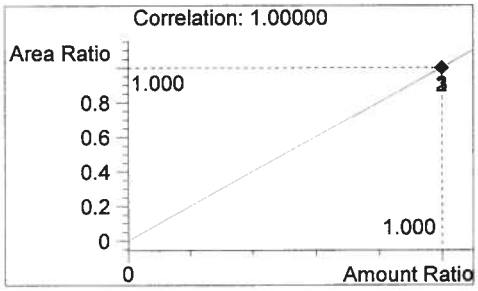
0.10 CTRL - BP
Brianna Peterson
vial # 7



#	Compound	Area	RT
1	Ethanol	1178	1.072
2	n-Propanol	2503	1.758
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

10041

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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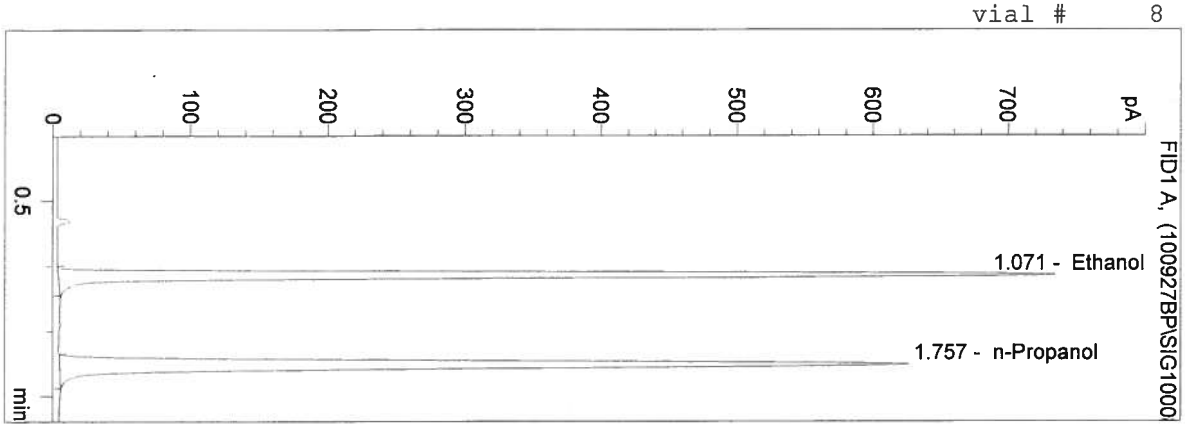
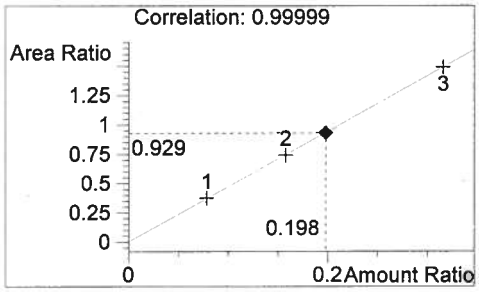
9/27/2010 2:46:55 PM
Instrument 1
DB ALC 1

0.20 CTRL - BP
Brianna Peterson

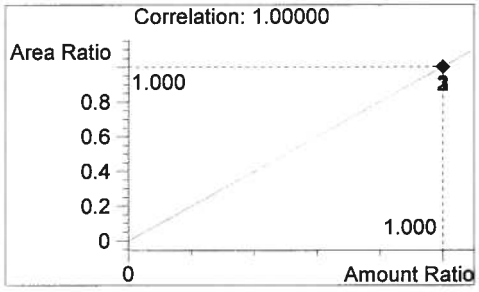
vial # 8



#	Compound	Area	RT
1	Ethanol	2289	1.071
2	n-Propanol	2463	1.757
Tot			



Ethanol 0.198 g/100 mL



n-Propanol 1.000 g/100 mL

10041

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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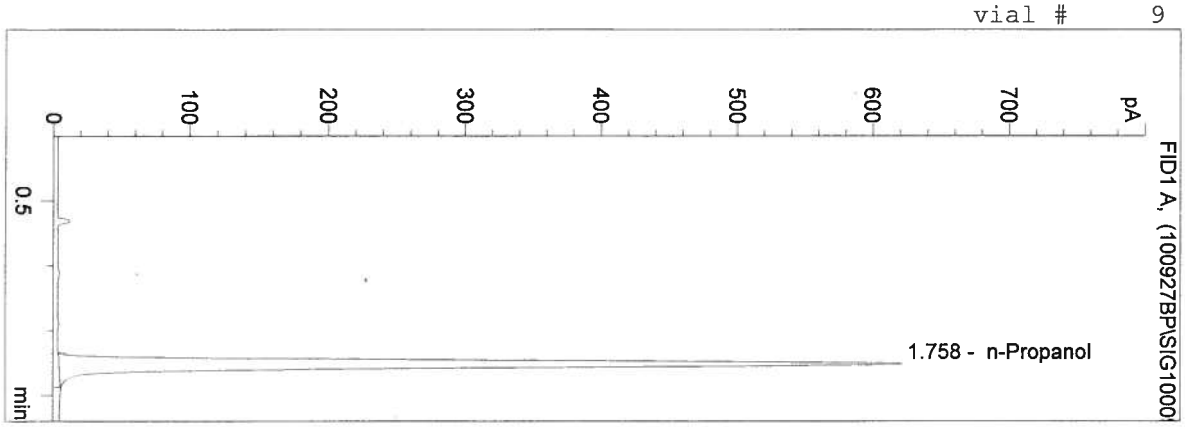
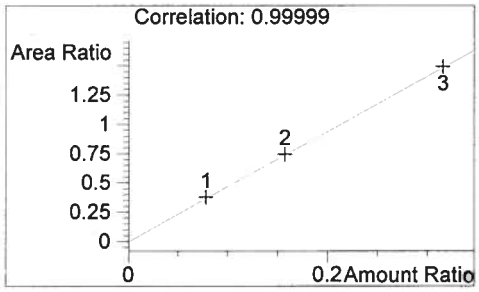
Instrument 1
DB ALC 1

NEG CTRL - BP
Brianna Peterson

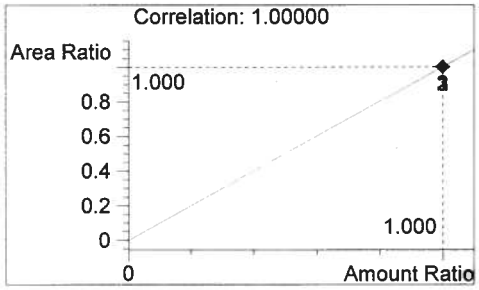
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2442	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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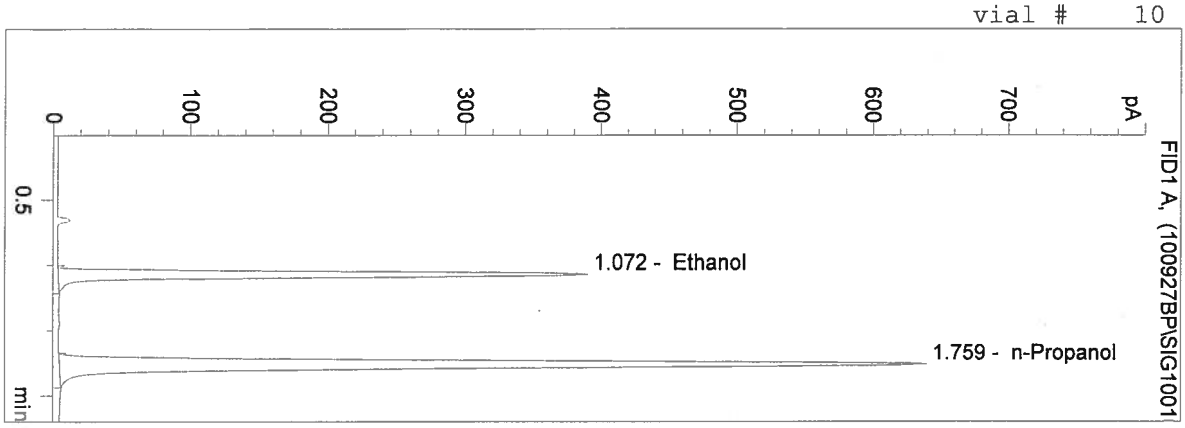
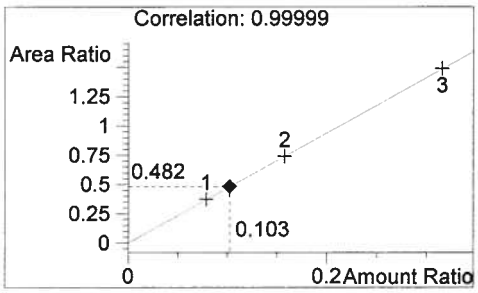
9/27/2010 2:53:05 PM
Instrument 1
DB ALC 1

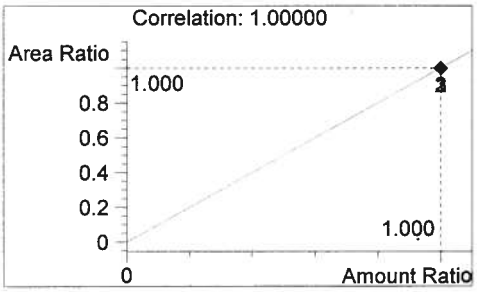
10041 #1
Brianna Peterson
vial # 10



#	Compound	Area	RT
1	Ethanol	1213	1.072
2	n-Propanol	2516	1.759
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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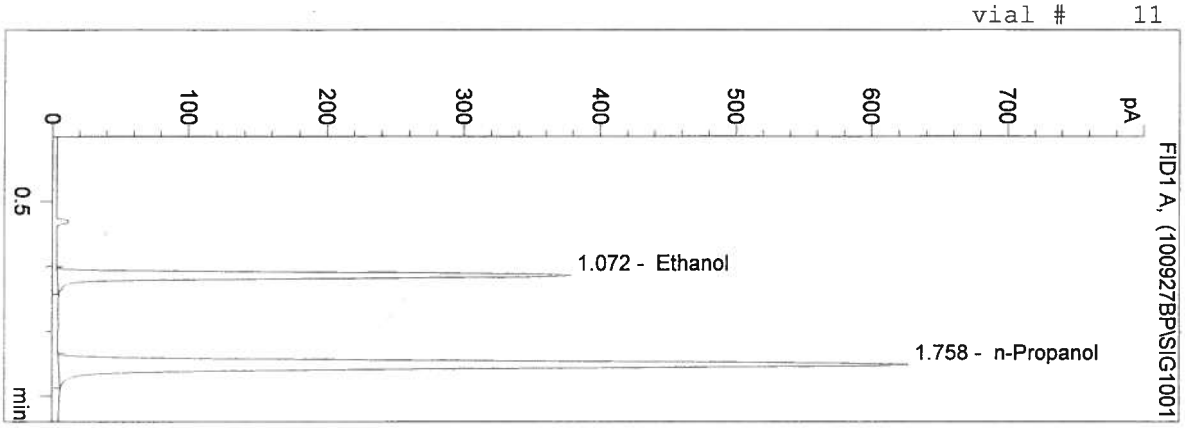
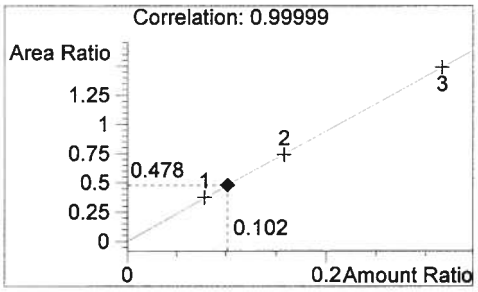
9/27/2010 2:56:10 PM
Instrument 1
DB ALC 1

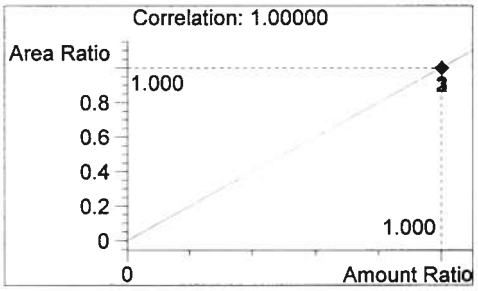
10041 #2
Brianna Peterson
vial # 11



#	Compound	Area	RT
1	Ethanol	1180	1.072
2	n-Propanol	2469	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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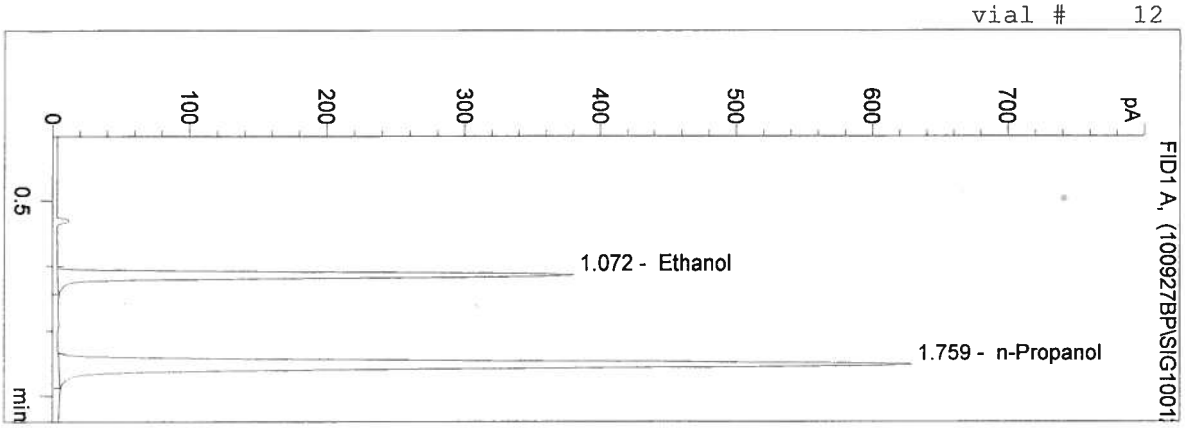
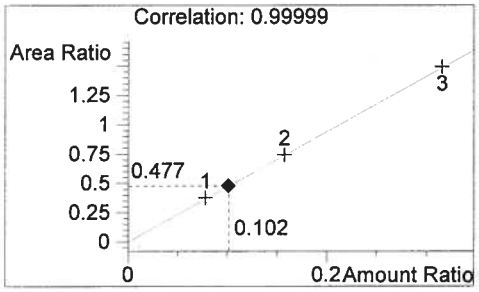
Instrument 1
DB ALC 1

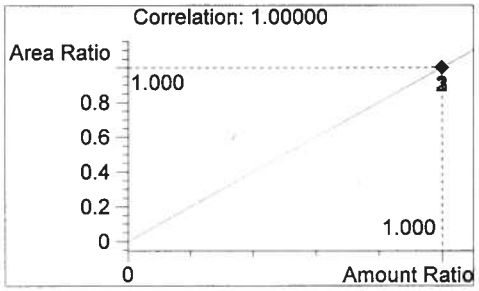
10041 #3
Brianna Peterson
vial # 12



#	Compound	Area	RT
1	Ethanol	1182	1.072
2	n-Propanol	2476	1.759
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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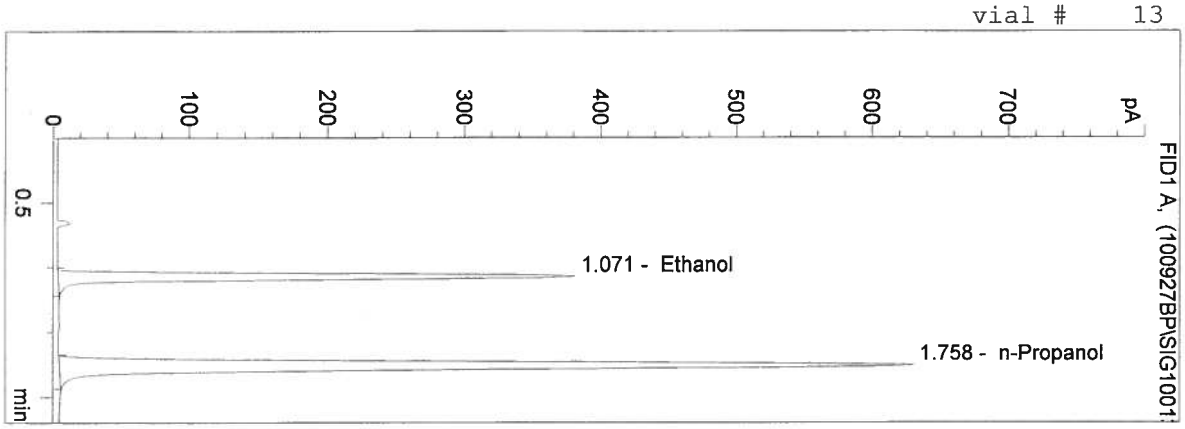
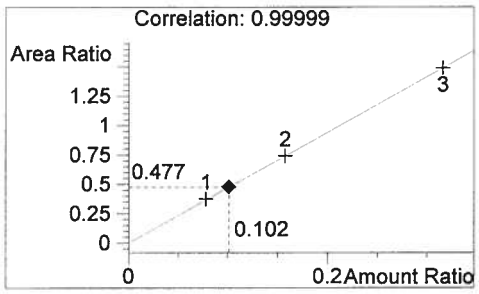
Instrument 1
DB ALC 1

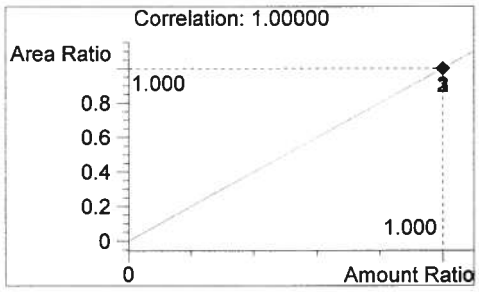
10041 #4
Brianna Peterson
vial # 13



#	Compound	Area	RT
1	Ethanol	1183	1.071
2	n-Propanol	2480	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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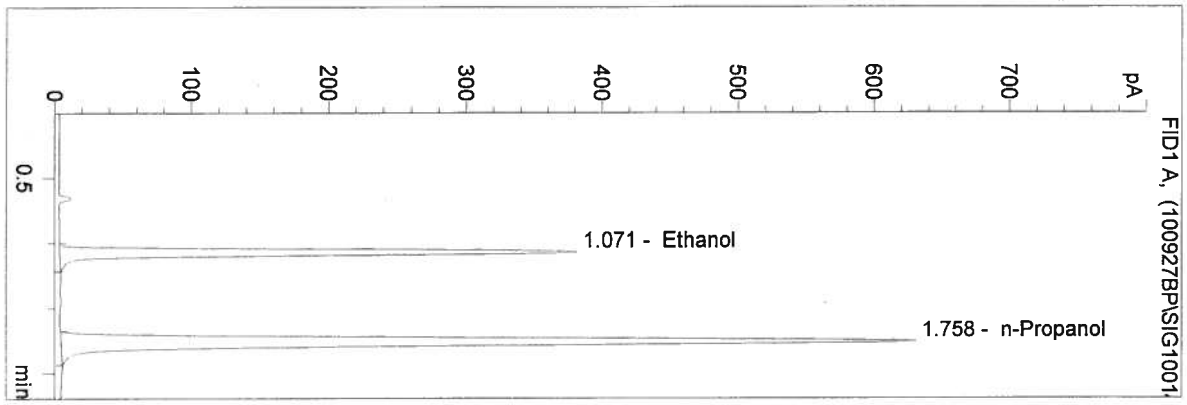
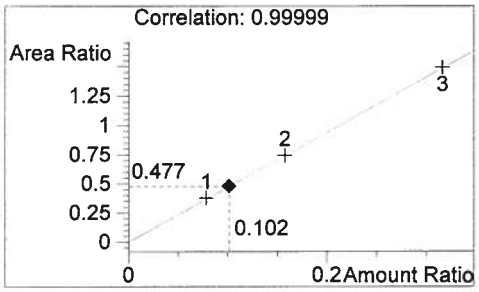
Instrument 1
DB ALC 1

10041 #5
Brianna Peterson

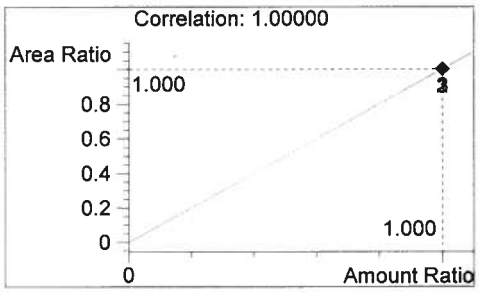
vial # 14



#	Compound	Area	RT
1	Ethanol	1185	1.071
2	n-Propanol	2484	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

BR

WASHINGTON STATE TOXICOLOGY LABORATORY

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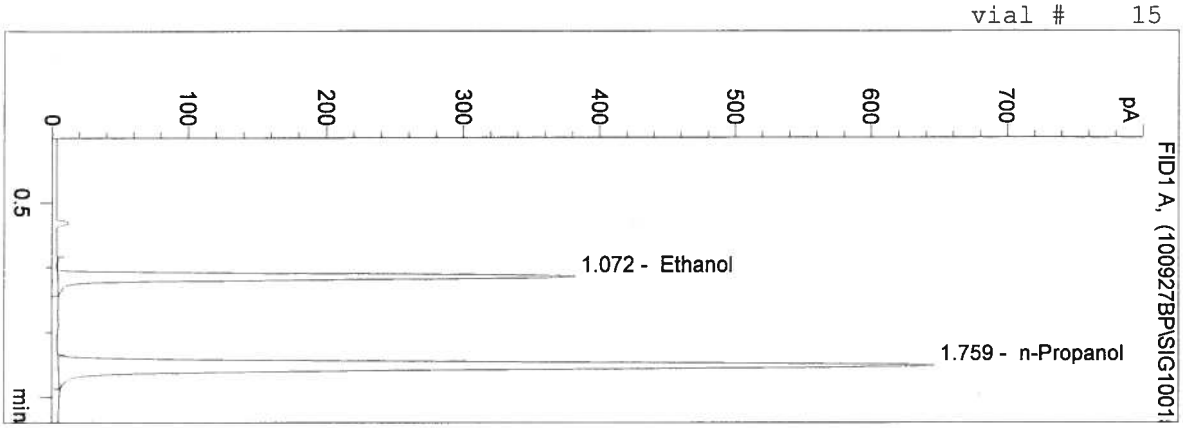
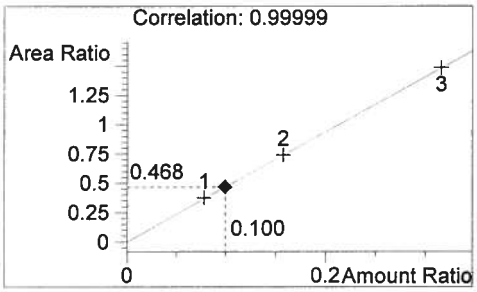
Instrument 1
DB ALC 1

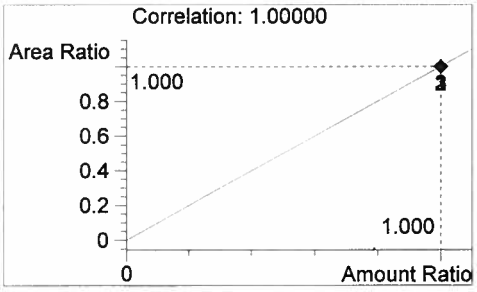
0.10 CTRL - BP
Brianna Peterson
vial # 15



#	Compound	Area	RT
1	Ethanol	1194	1.072
2	n-Propanol	2552	1.759
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

10041

BP

WASHINGTON STATE TOXICOLOGY LABORATORY

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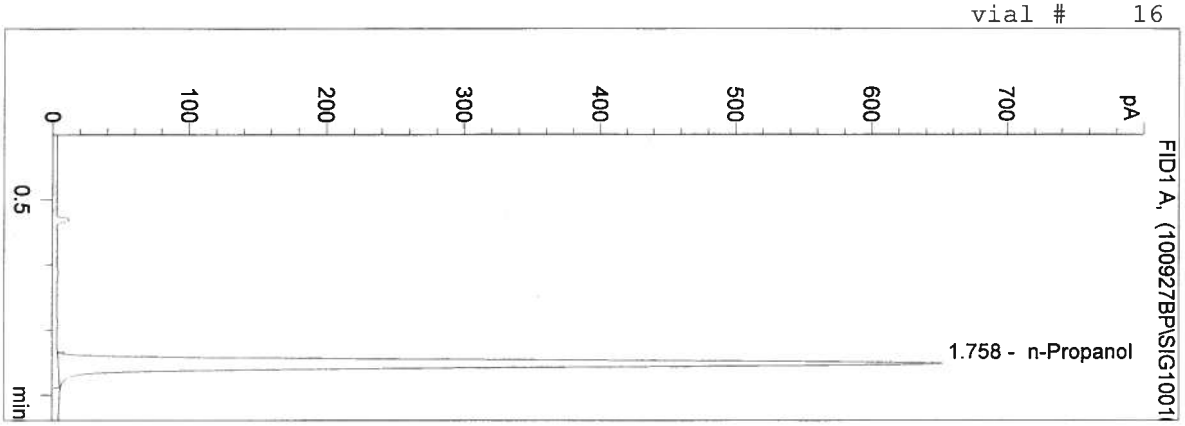
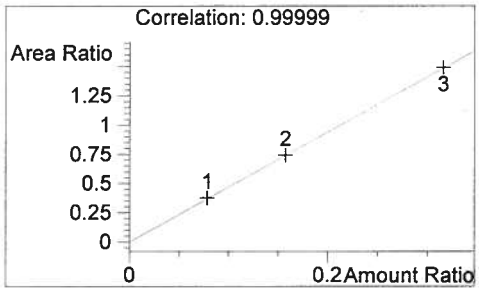
9/27/2010 3:11:33 PM
Instrument 1
DB ALC 1

NEG CTRL - BP
Brianna Peterson

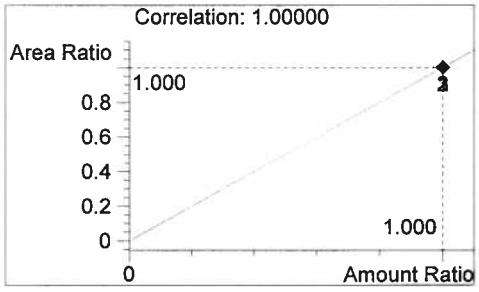
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2576	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

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:	100929A1
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	10041 #1	SIMALC	1	Sample		
11	Vial 11	10041 #2	SIMALC	1	Sample		
12	Vial 12	10041 #3	SIMALC	1	Sample		
13	Vial 13	10041 #4	SIMALC	1	Sample		
14	Vial 14	10041 #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		

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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	

= 10041

Sequence Table (Back Injector):

No entries - empty table!

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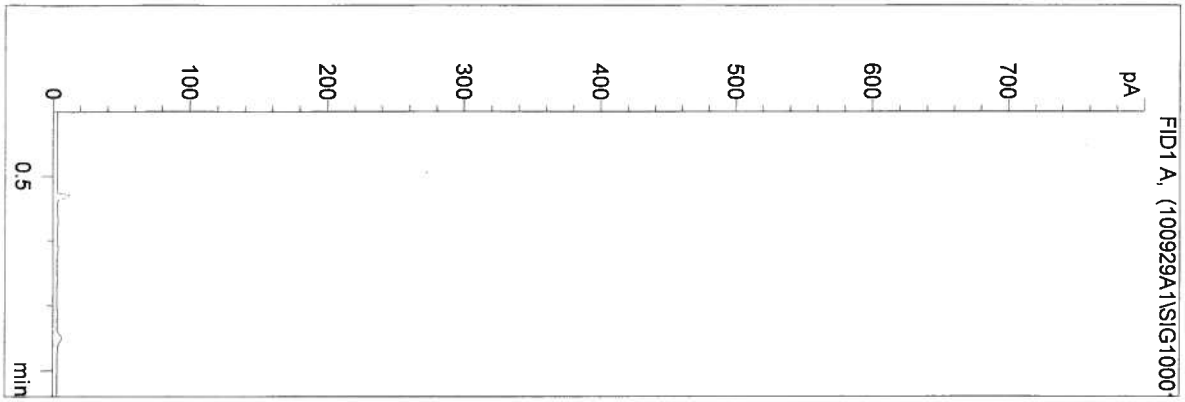
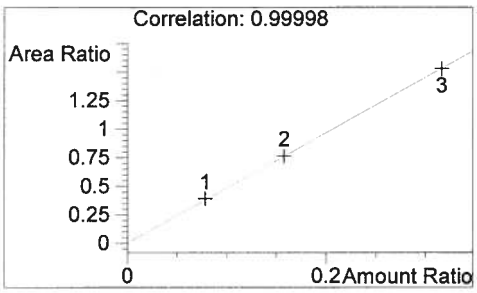
9/29/2010 9:20:03 AM
Instrument 1
DB ALC 1

blank
asa louis

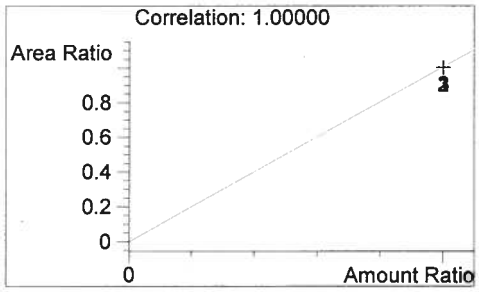
vial # 1



#	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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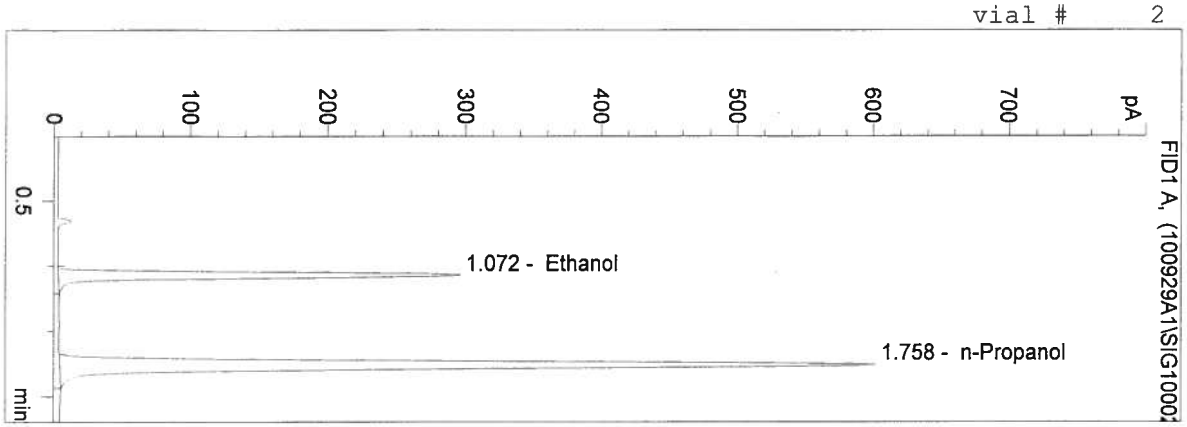
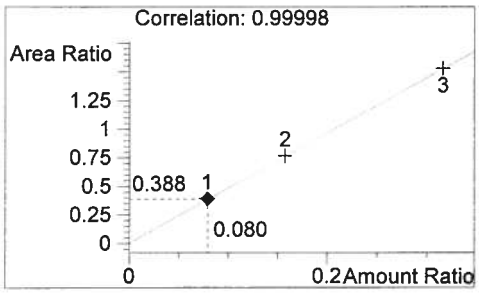
9/29/2010 9:23:07 AM
Instrument 1
DB ALC 1

0.079 cal 1
asa louis

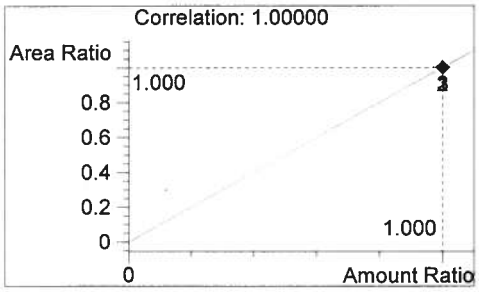
vial # 2



#	Compound	Area	RT
1	Ethanol	920	1.072
2	n-Propanol	2370	1.758
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

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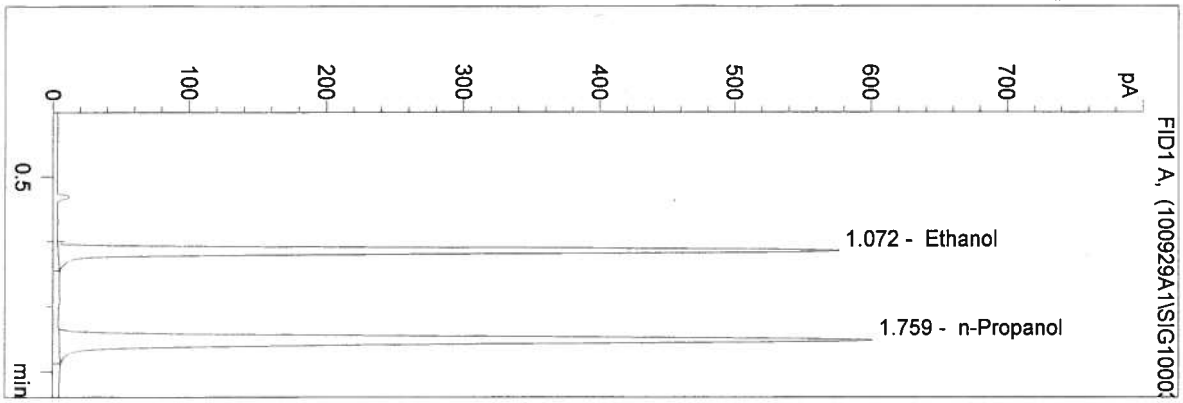
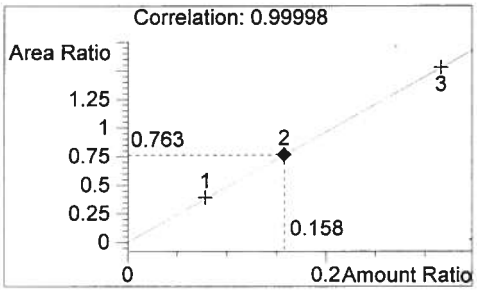
Instrument 1
DB ALC 1

0.158 cal 2
asa louis

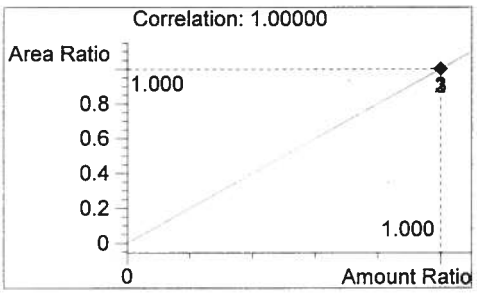
vial # 3



#	Compound	Area	RT
1	Ethanol	1804	1.072
2	n-Propanol	2364	1.759
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

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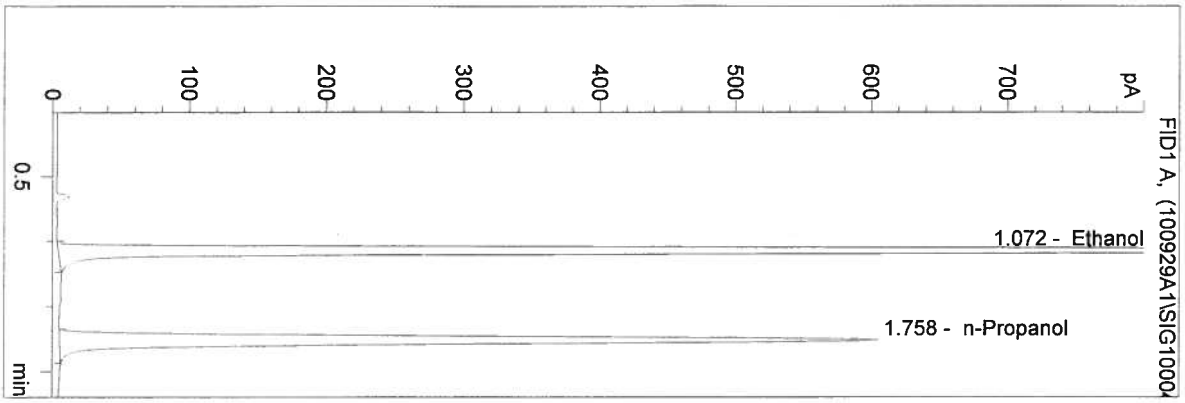
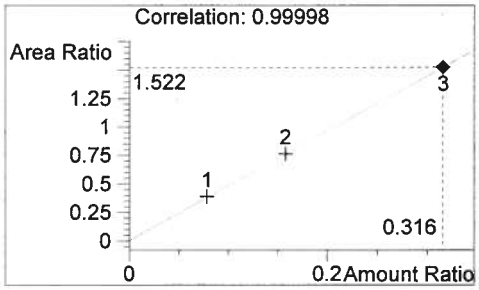
9/29/2010 9:29:17 AM
Instrument 1
DB ALC 1

0.316 cal 3
asa louis

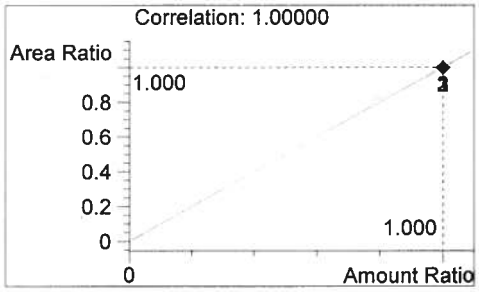
vial # 4



#	Compound	Area	RT
1	Ethanol	3617	1.072
2	n-Propanol	2376	1.758
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

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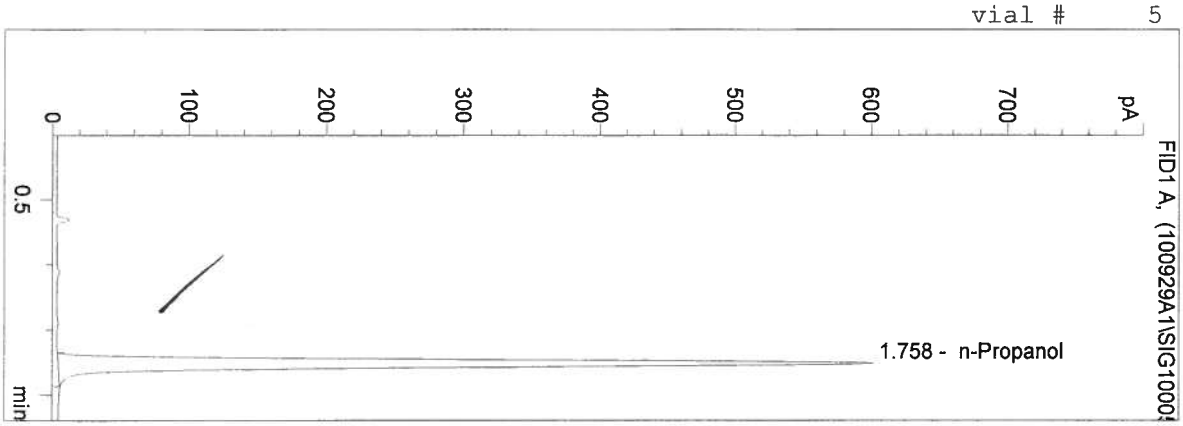
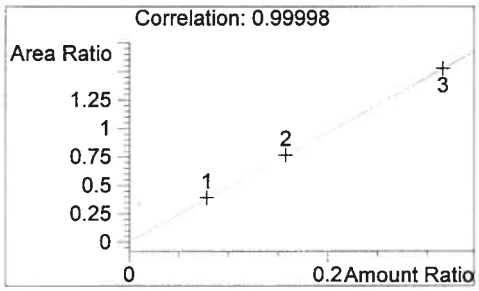
Instrument 1
DB ALC 1

neg control - al
asa louis

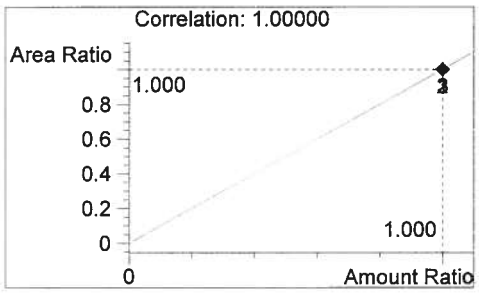
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2367	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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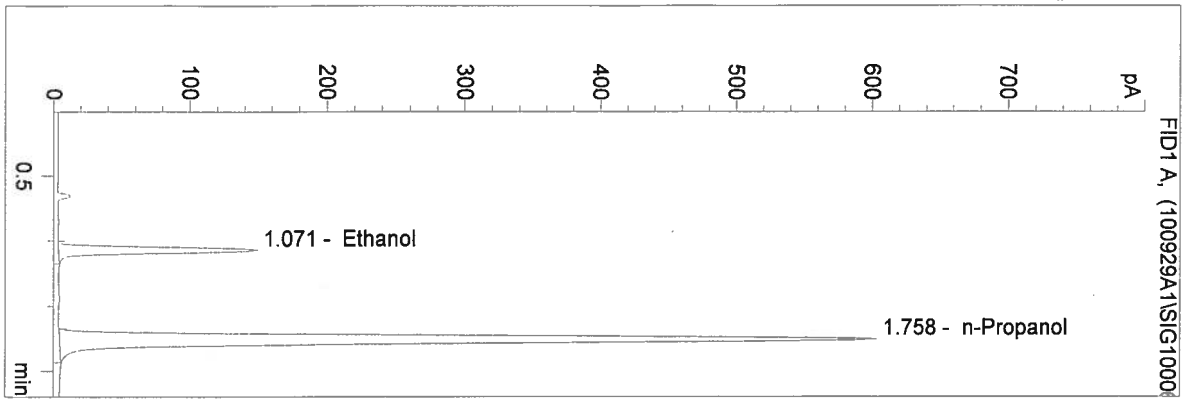
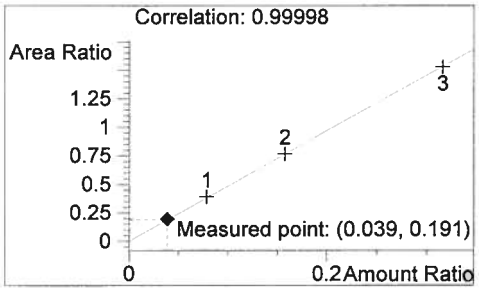
Instrument 1
DB ALC 1

0.04 ctrl al
asa louis

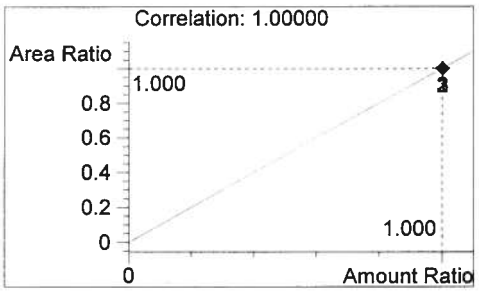
vial # 6



#	Compound	Area	RT
1	Ethanol	455	1.071
2	n-Propanol	2378	1.758
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

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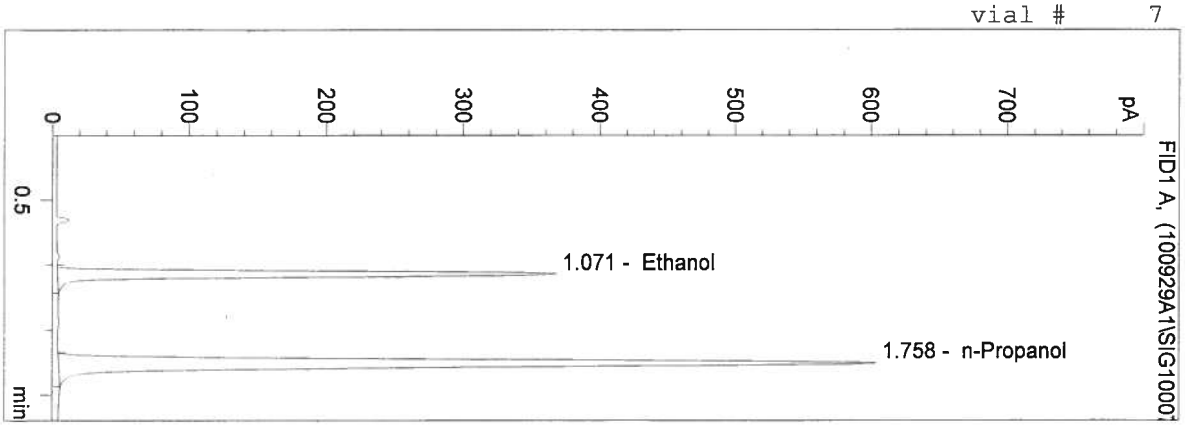
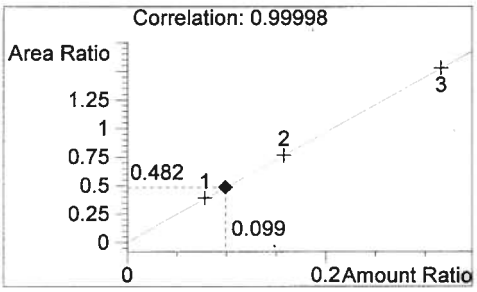
Instrument 1
DB ALC 1

0.10 ctrl al
asa louis

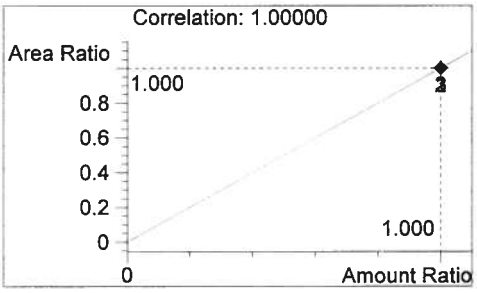
vial # 7



#	Compound	Area	RT
1	Ethanol	1144	1.071
2	n-Propanol	2375	1.758
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

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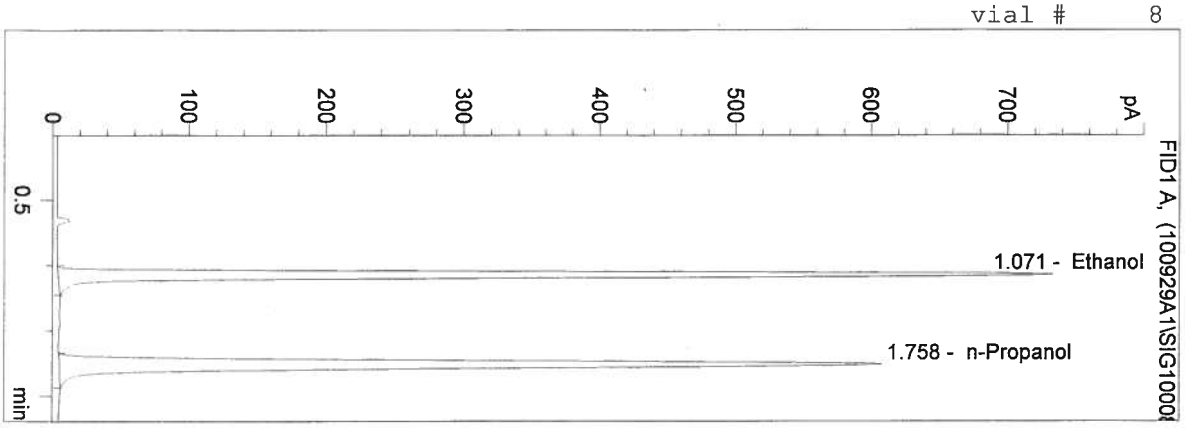
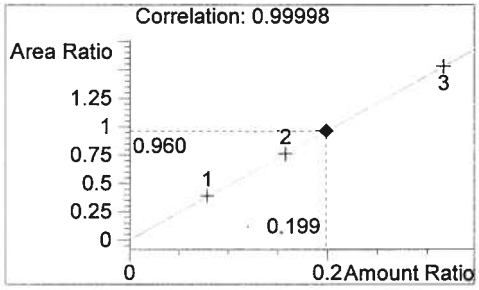
Instrument 1
DB ALC 1

0.20 ctrl al
asa louis

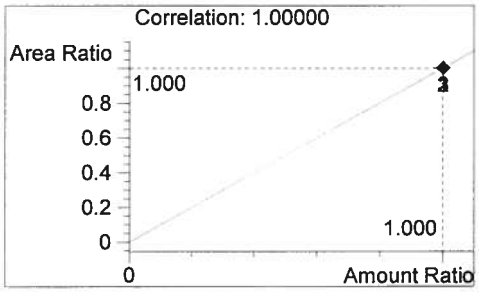
vial # 8



#	Compound	Area	RT
1	Ethanol	2295	1.071
2	n-Propanol	2390	1.758
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

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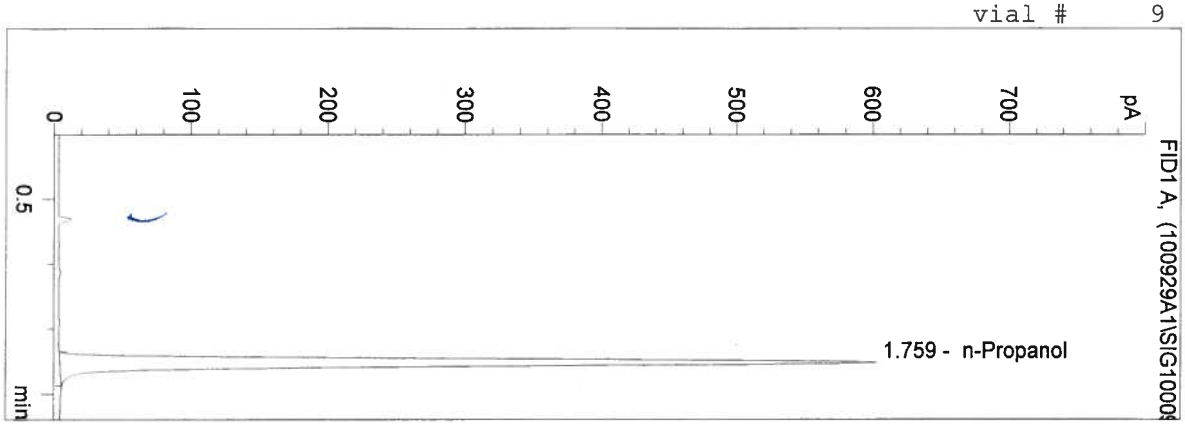
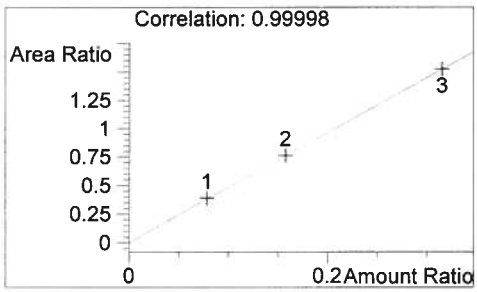
Instrument 1
DB ALC 1

neg control - al
asa louis

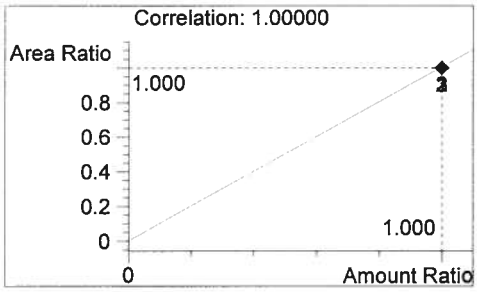
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2374	1.759
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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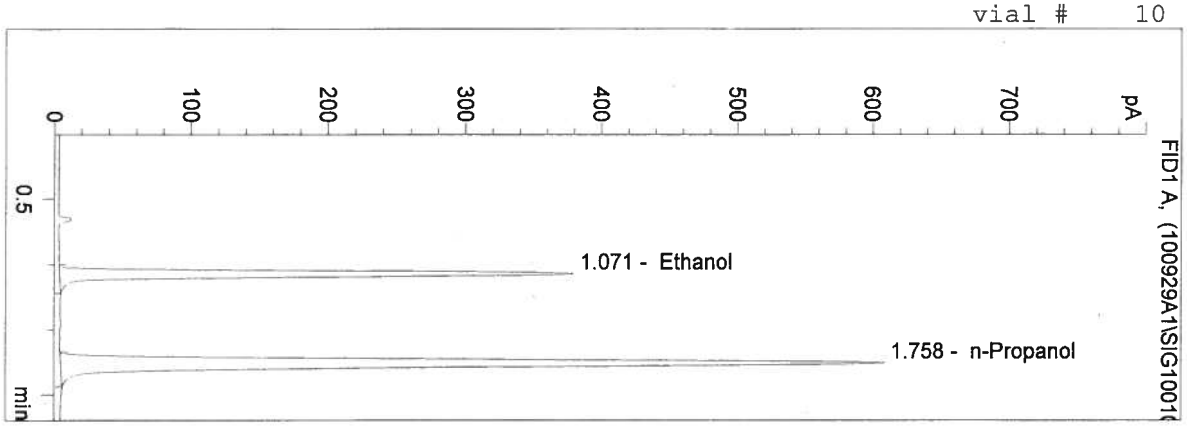
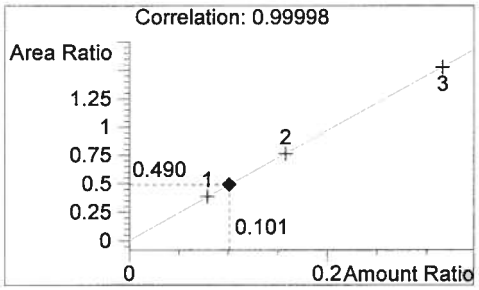
9/29/2010 9:47:46 AM
Instrument 1
DB ALC 1

10041 #1
asa louis

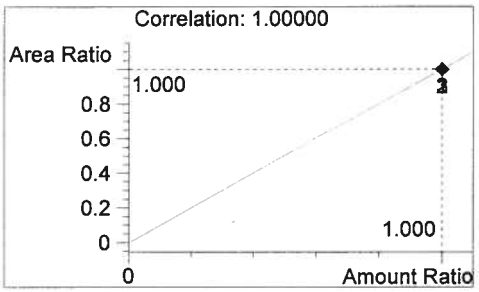
vial # 10



#	Compound	Area	RT
1	Ethanol	1175	1.071
2	n-Propanol	2397	1.758
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

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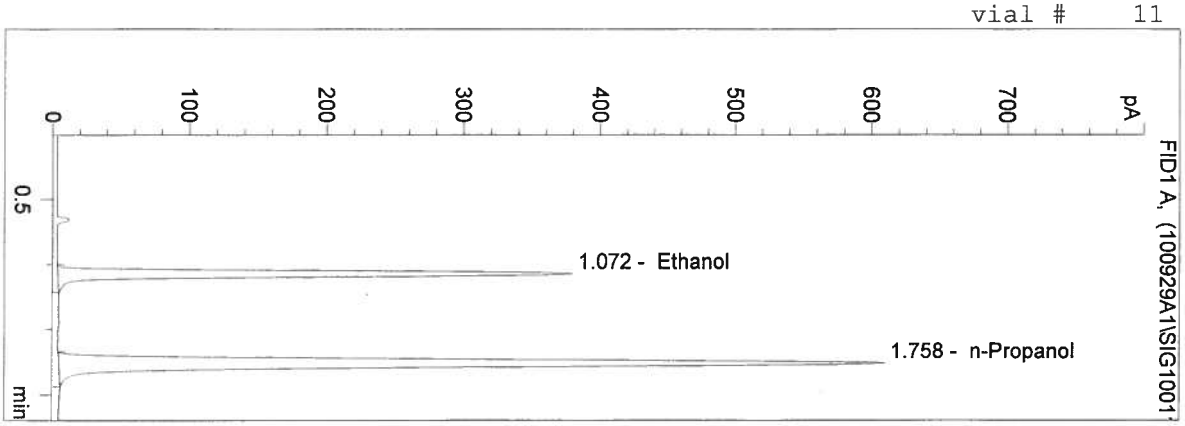
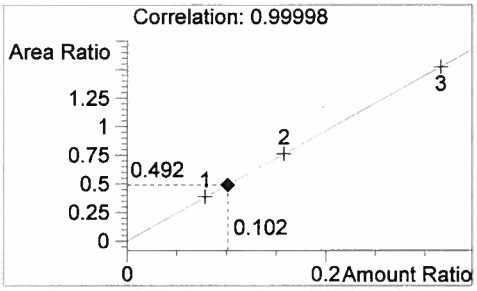
Instrument 1
DB ALC 1

10041 #2
asa louis

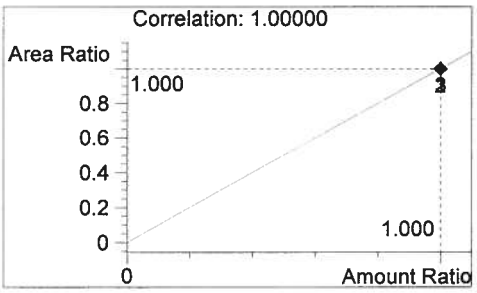
vial # 11



#	Compound	Area	RT
1	Ethanol	1181	1.072
2	n-Propanol	2400	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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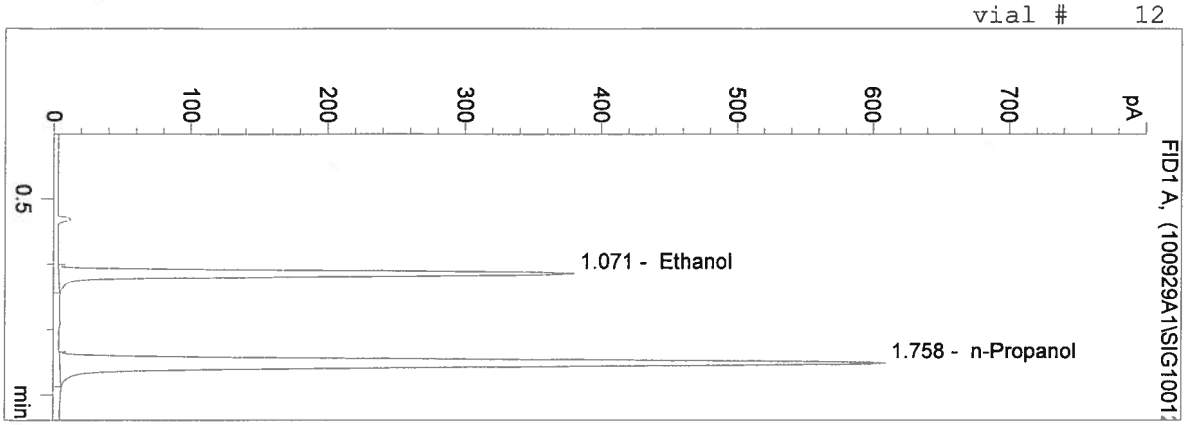
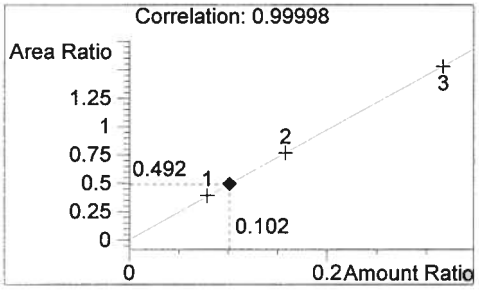
Instrument 1
DB ALC 1

10041 #3
asa louis

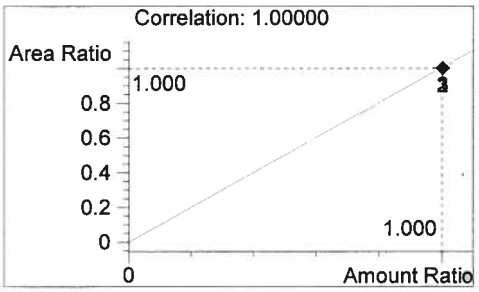
vial # 12



#	Compound	Area	RT
1	Ethanol	1182	1.071
2	n-Propanol	2403	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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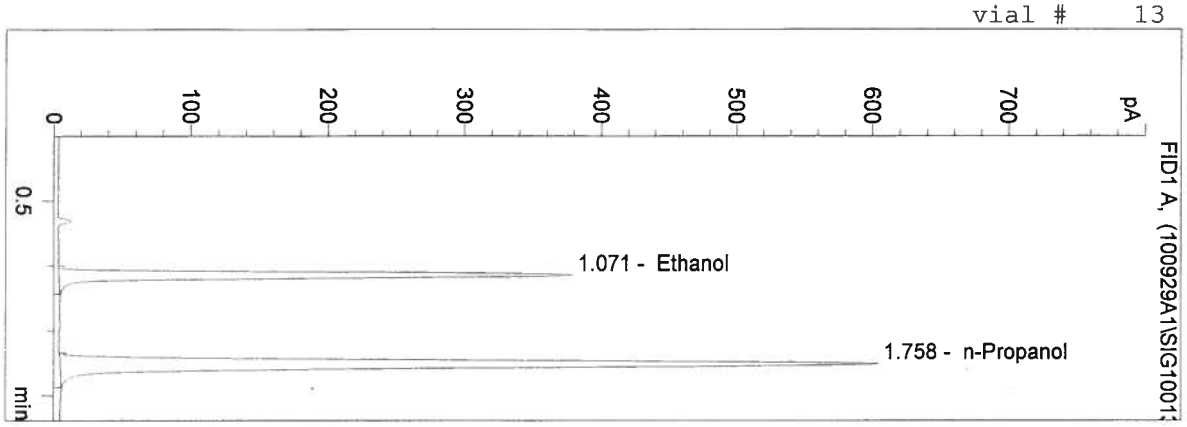
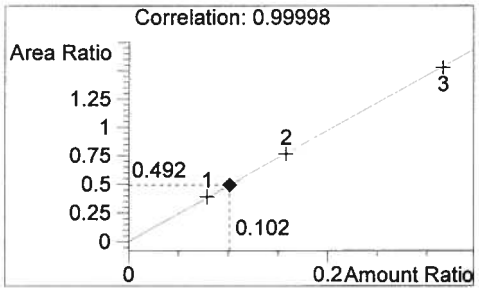
9/29/2010 9:57:00 AM
Instrument 1
DB ALC 1

10041 #4
asa louis

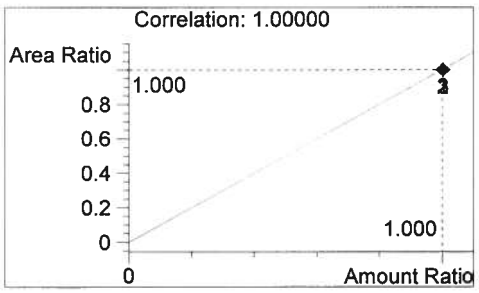
vial # 13



#	Compound	Area	RT
1	Ethanol	1171	1.071
2	n-Propanol	2379	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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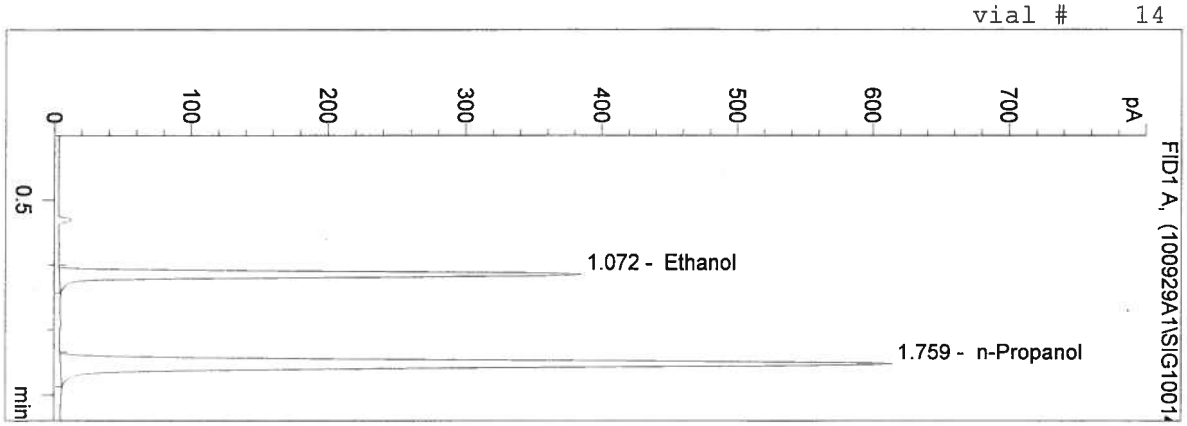
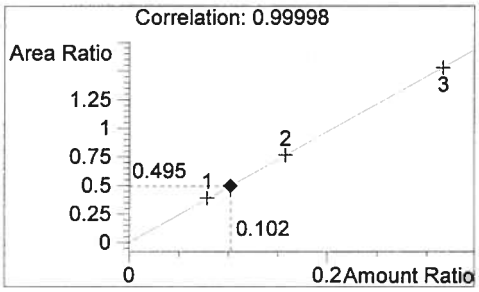
Instrument 1
DB ALC 1

10041 #5
asa louis

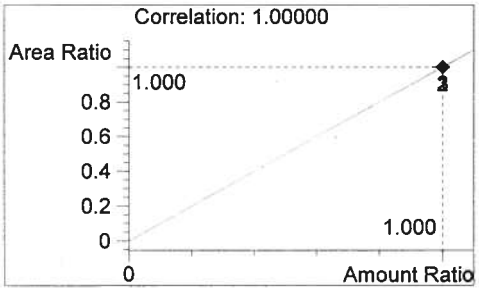
vial # 14



#	Compound	Area	RT
1	Ethanol	1197	1.072
2	n-Propanol	2417	1.759
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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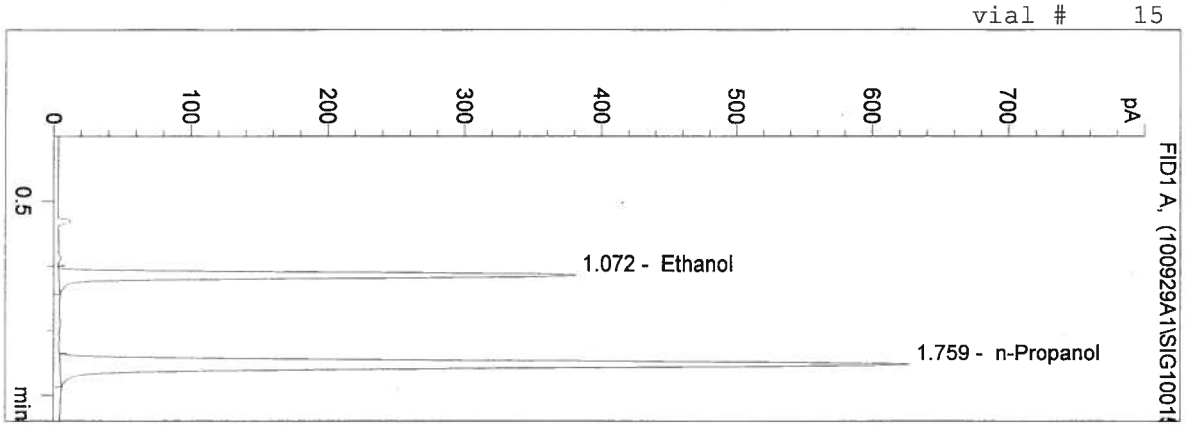
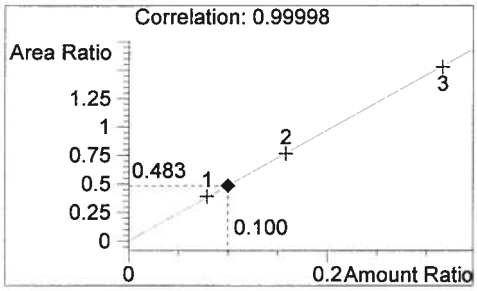
9/29/2010 10:03:10 AM
Instrument 1
DB ALC 1

0.10 ctrl al
asa louis

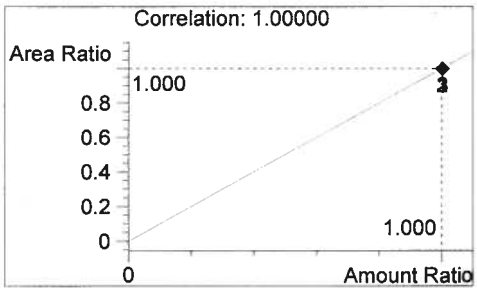
vial # 15



#	Compound	Area	RT
1	Ethanol	1196	1.072
2	n-Propanol	2476	1.759
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

AT
20100929

AR
20101004

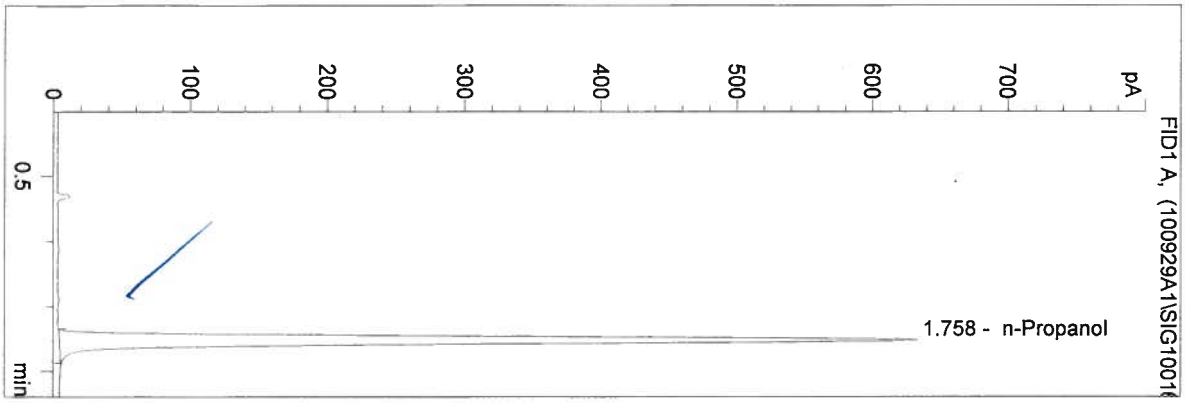
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

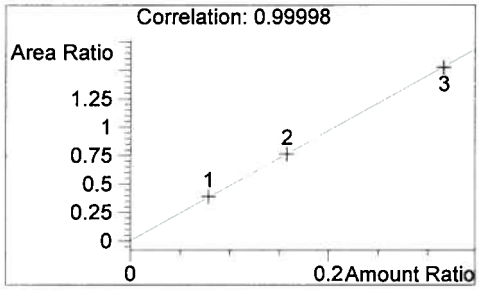
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:06:15 AM
Instrument 1
DB ALC 1

neg control - al
asa louis

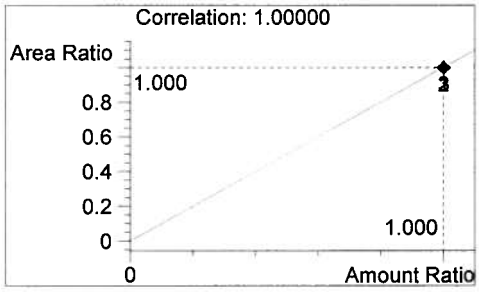
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2498	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

AL
20100929

10041

AL
20101004

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:	10929SS
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	10041 #1	SIMALC	1	Sample		
11	Vial 11	10041 #2	SIMALC	1	Sample		
12	Vial 12	10041 #3	SIMALC	1	Sample		
13	Vial 13	10041 #4	SIMALC	1	Sample		
14	Vial 14	10041 #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	

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Sequence Table (Back Injector):

No entries - empty table!

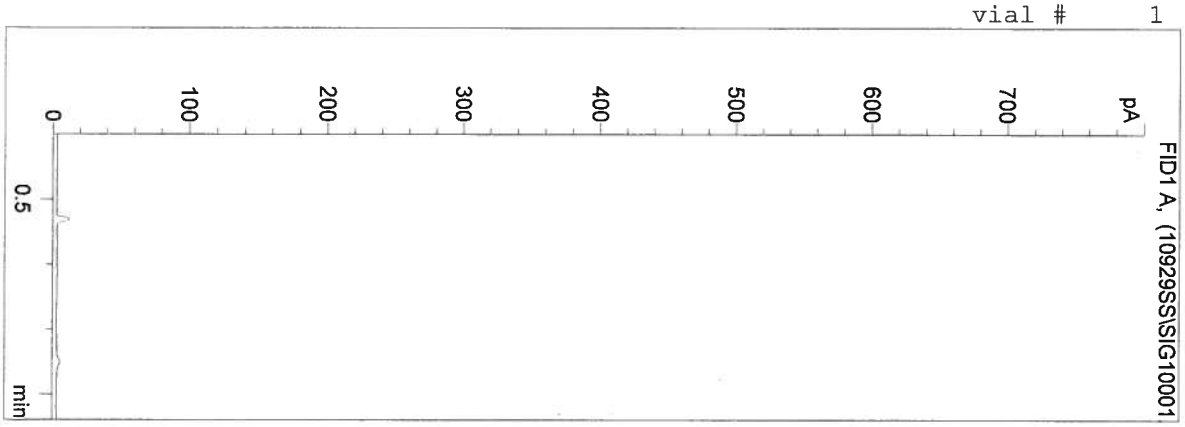
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

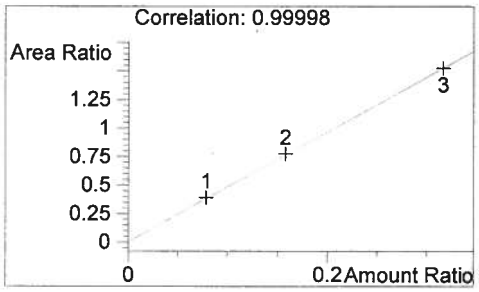
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 1:28:17 PM
Instrument 1
DB ALC 1

BLANK-SS
Sarah Swenson

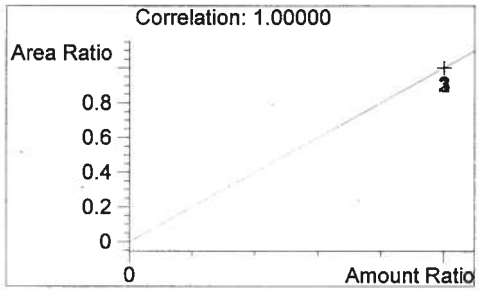
vial # 1



#	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

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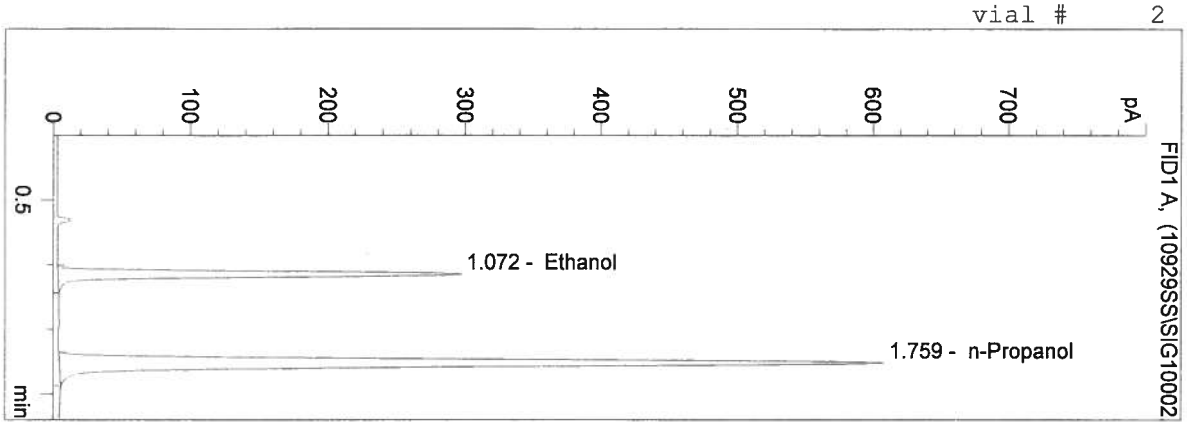
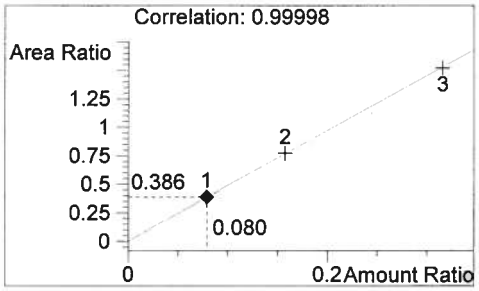
WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 1:31:22 PM
Instrument 1
DB ALC 1

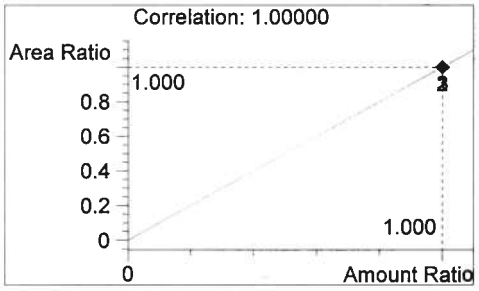
0.079 CAL 1
Sarah Swenson
vial # 2



#	Compound	Area	RT
1	Ethanol	926	1.072
2	n-Propanol	2396	1.759
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

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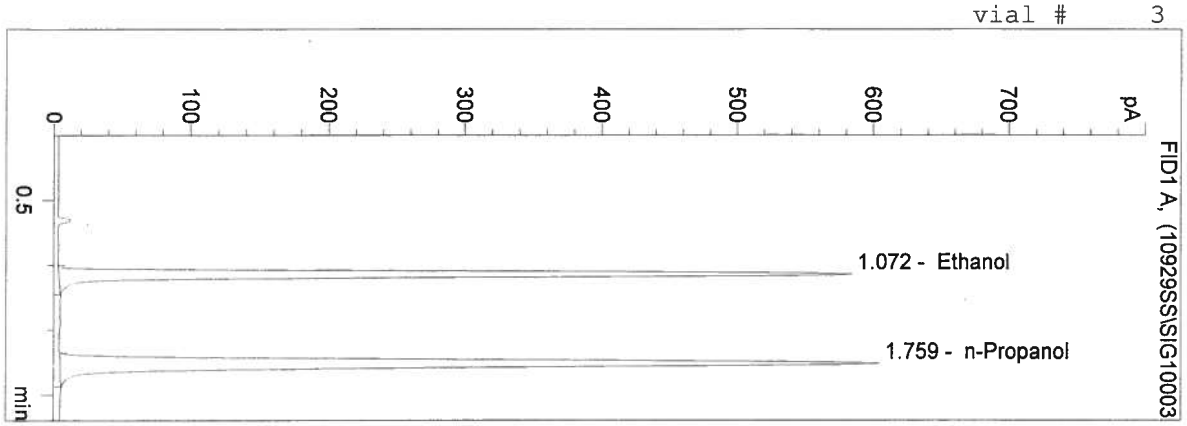
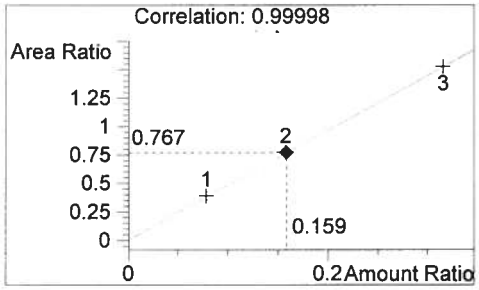
9/29/2010 1:34:26 PM
Instrument 1
DB ALC 1

0.158 CAL 2
Sarah Swenson

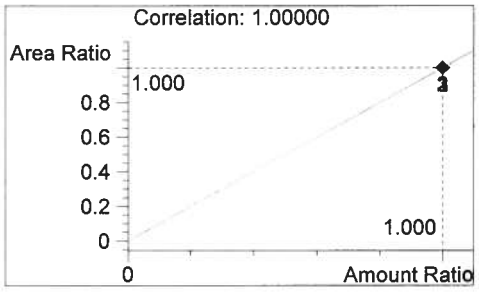
vial # 3



#	Compound	Area	RT
1	Ethanol	1827	1.072
2	n-Propanol	2381	1.759
Tot			



Ethanol 0.159 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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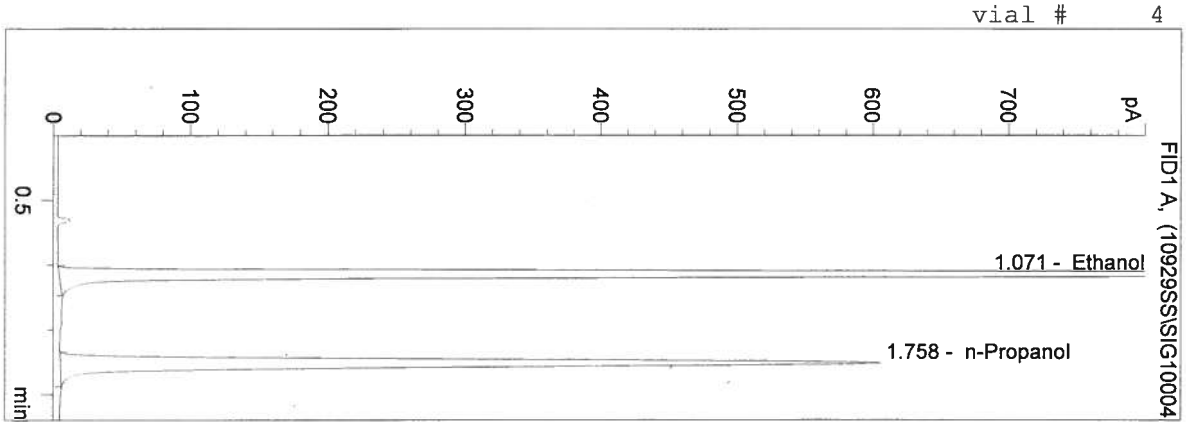
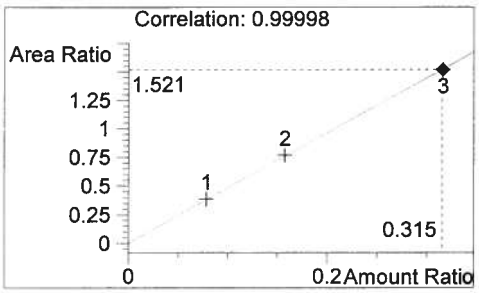
9/29/2010 1:37:31 PM
Instrument 1
DB ALC 1

0.316 CAL 3
Sarah Swenson

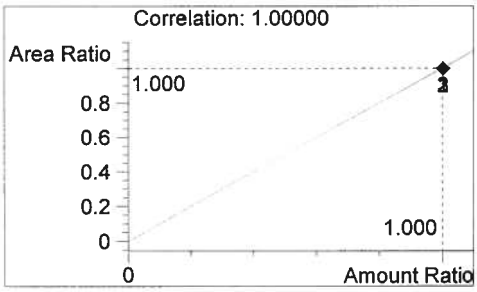
vial # 4



#	Compound	Area	RT
1	Ethanol	3622	1.071
2	n-Propanol	2381	1.758
Tot			



Ethanol 0.315 g/100 mL



n-Propanol 1.000 g/100 mL

10041

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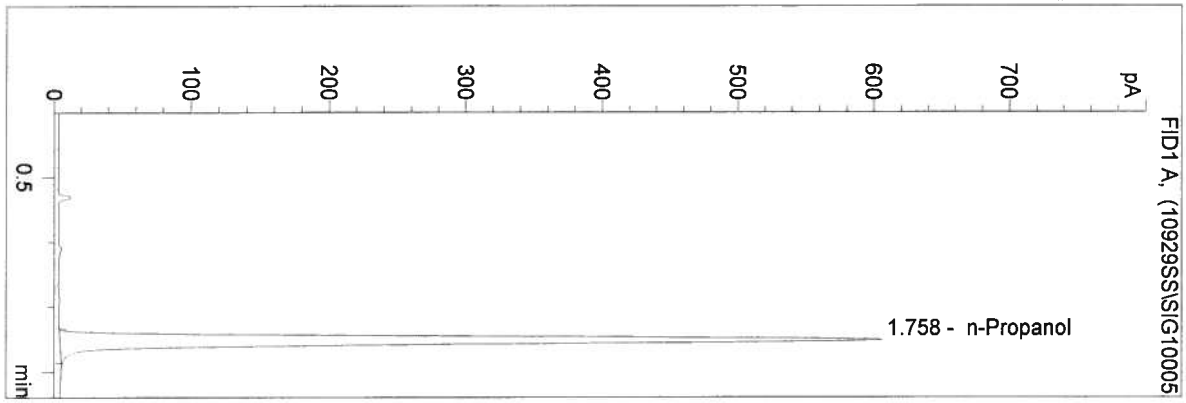
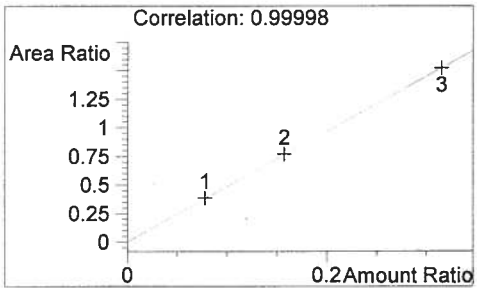
9/29/2010 1:40:36 PM
Instrument 1
DB ALC 1

NEG CTRL-SS
Sarah Swenson

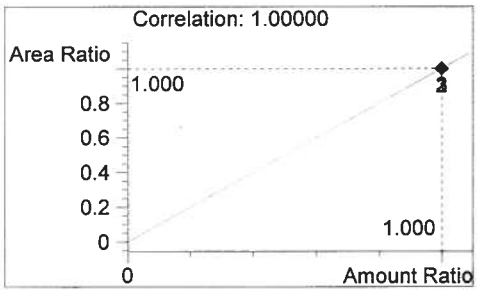
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2378	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

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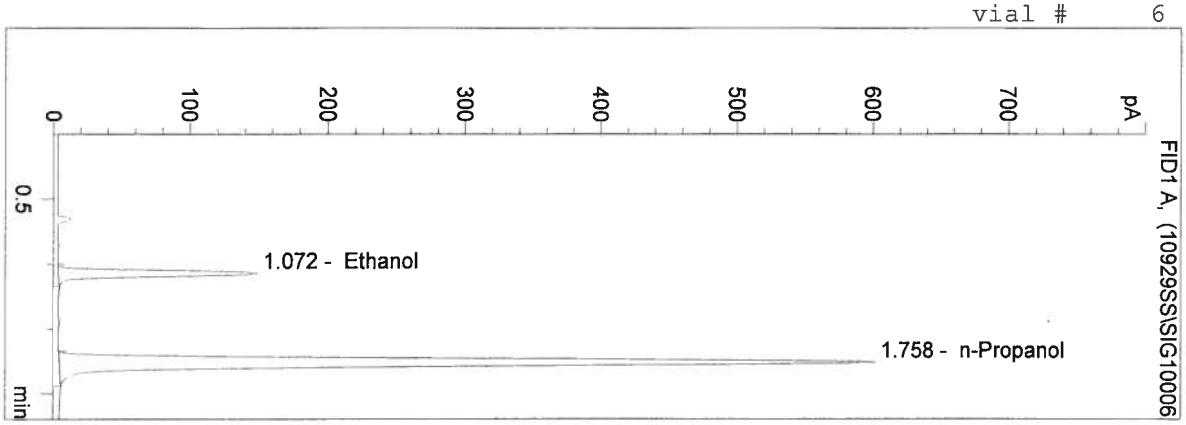
WASHINGTON STATE TOXICOLOGY LABORATORY

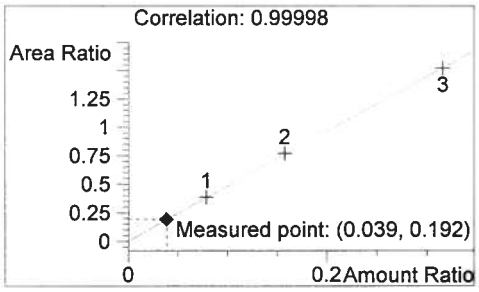
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 1:43:41 PM
Instrument 1
DB ALC 1

0.04 CTRL-SS
Sarah Swenson

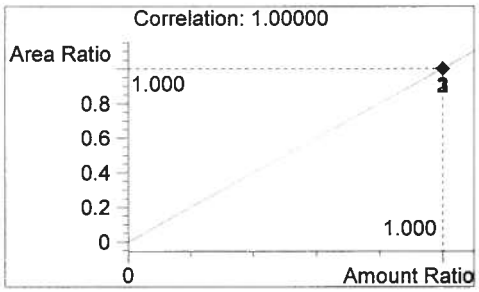
vial # 6



#	Compound	Area	RT
1	Ethanol	453	1.072
2	n-Propanol	2364	1.758
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

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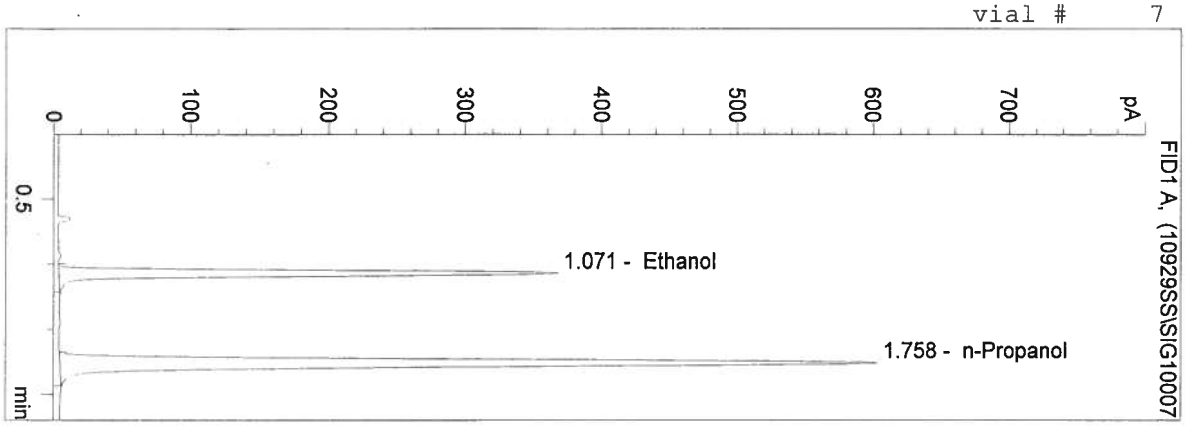
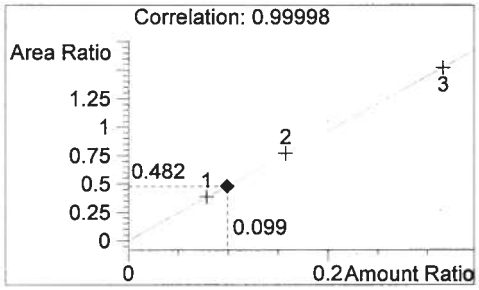
9/29/2010 1:46:45 PM
Instrument 1
DB ALC 1

0.10 CTRL-SS
Sarah Swenson

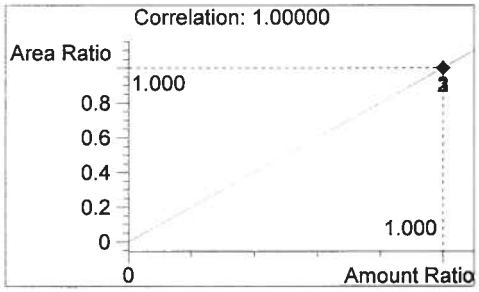
vial # 7



#	Compound	Area	RT
1	Ethanol	1143	1.071
2	n-Propanol	2374	1.758
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

10041

95

WASHINGTON STATE TOXICOLOGY LABORATORY

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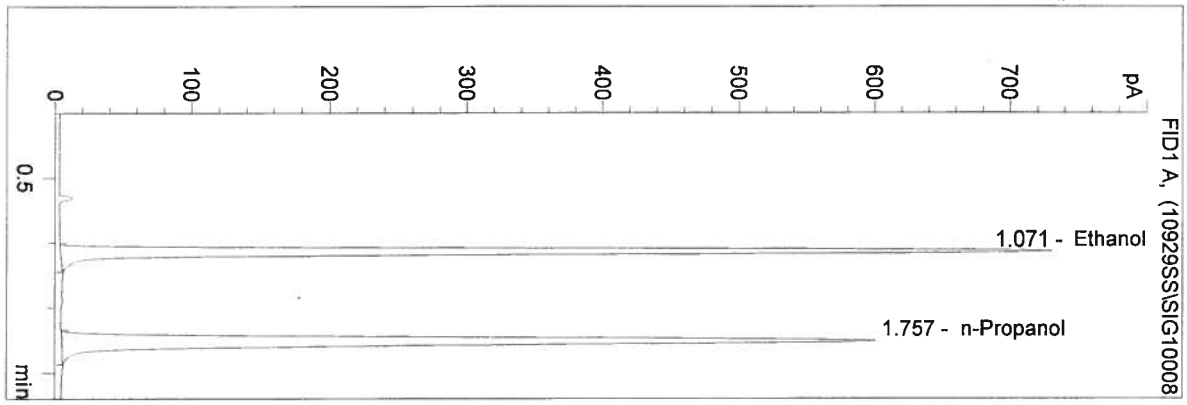
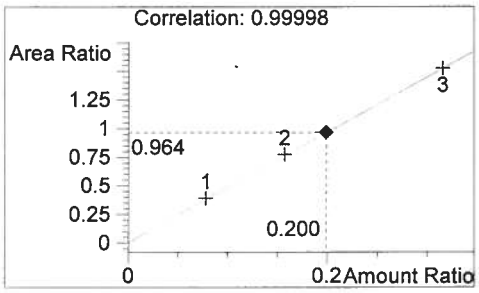
9/29/2010 1:49:50 PM
Instrument 1
DB ALC 1

0.20 CTRL-SS
Sarah Swenson

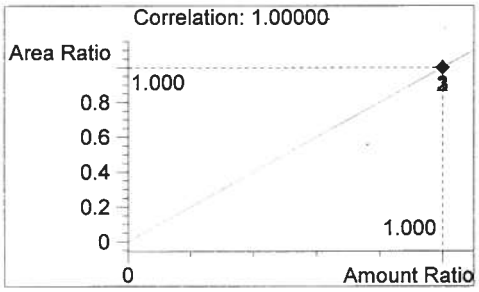
vial # 8



#	Compound	Area	RT
1	Ethanol	2273	1.071
2	n-Propanol	2359	1.757
Tot			



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

10041

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WASHINGTON STATE TOXICOLOGY LABORATORY

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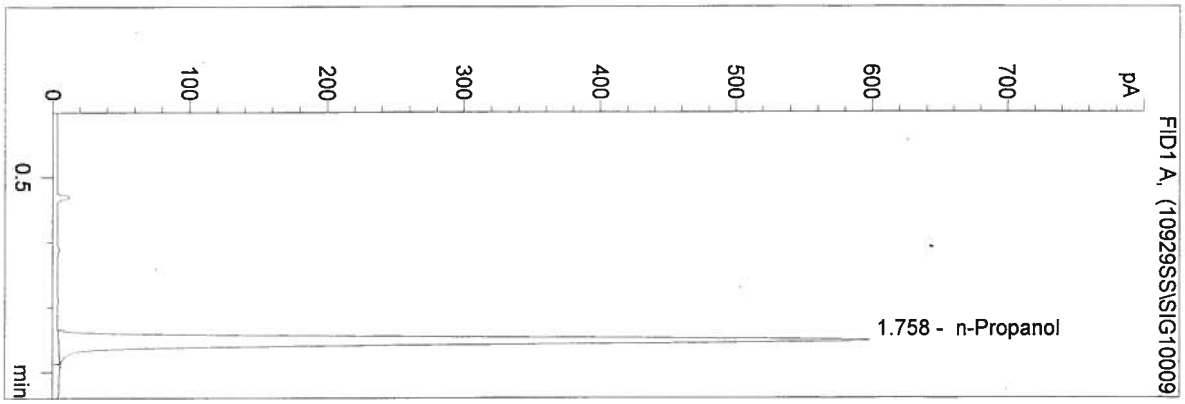
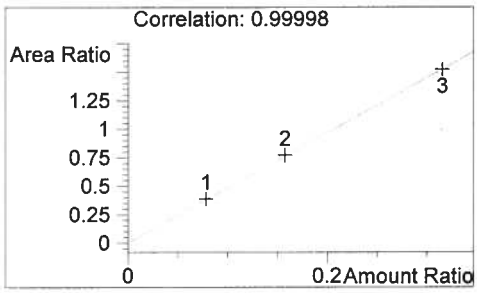
9/29/2010 1:52:55 PM
Instrument 1
DB ALC 1

NEG CTRL-SS
Sarah Swenson

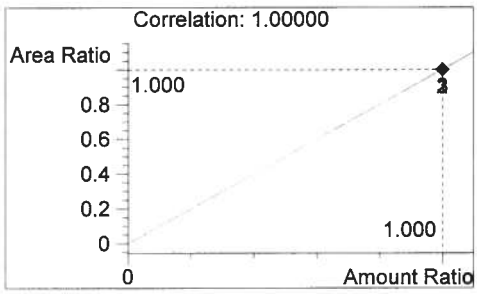
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2353	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

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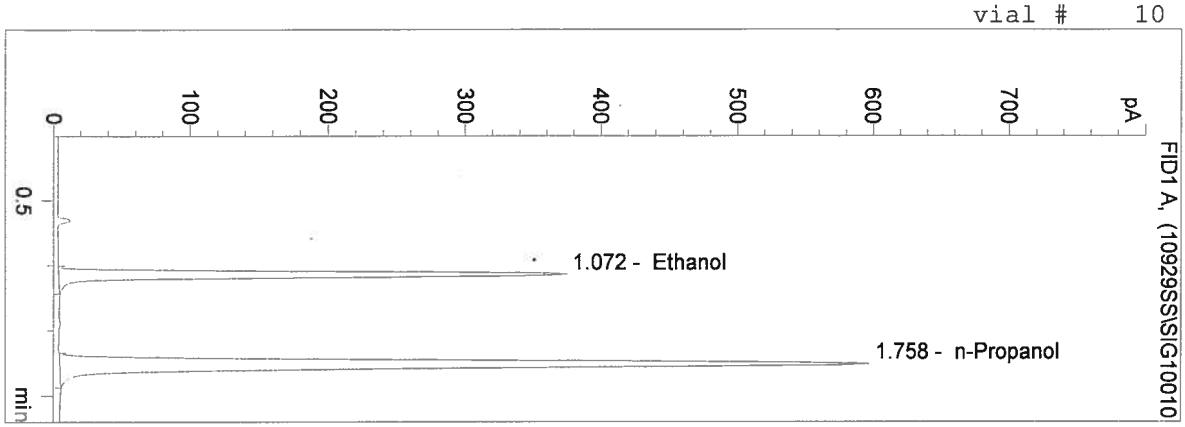
WASHINGTON STATE TOXICOLOGY LABORATORY

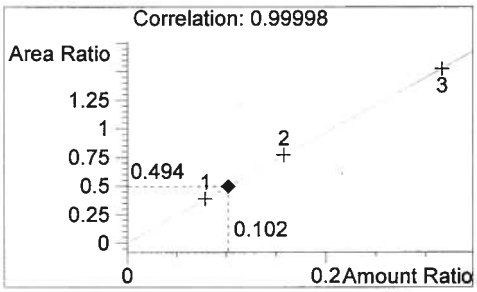
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 1:56:00 PM
Instrument 1
DB ALC 1

10041 #1
Sarah Swenson

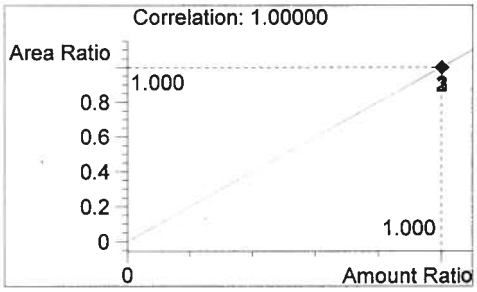
vial # 10



#	Compound	Area	RT
1	Ethanol	1160	1.072
2	n-Propanol	2347	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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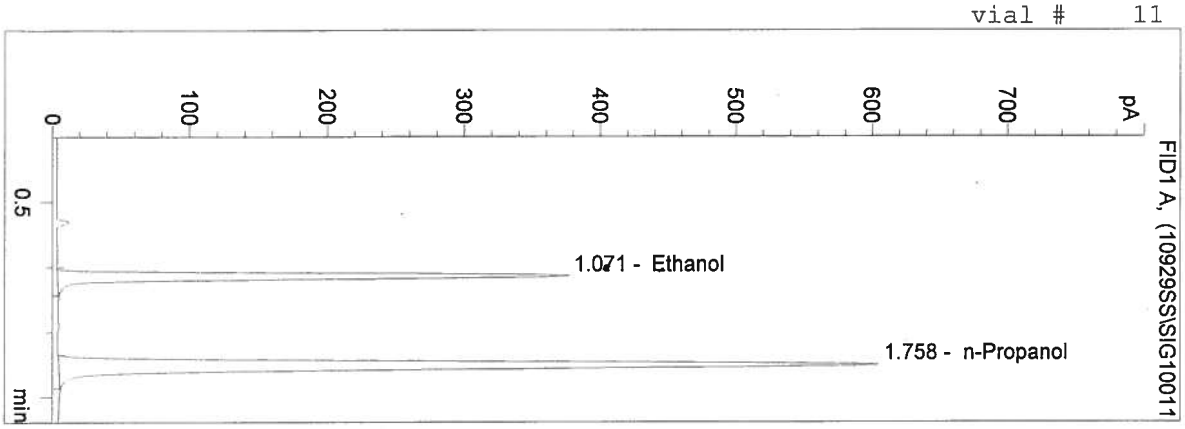
WASHINGTON STATE TOXICOLOGY LABORATORY

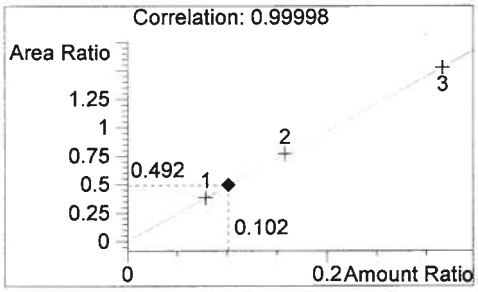
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 1:59:04 PM
Instrument 1
DB ALC 1

10041 #2
Sarah Swenson

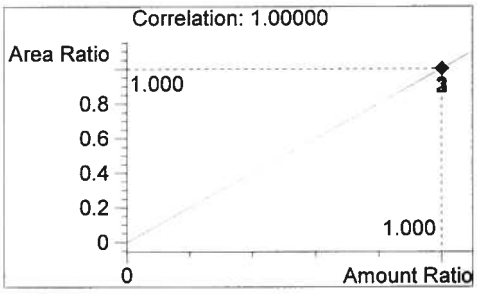
vial # 11



#	Compound	Area	RT
1	Ethanol	1170	1.071
2	n-Propanol	2379	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

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WASHINGTON STATE TOXICOLOGY LABORATORY

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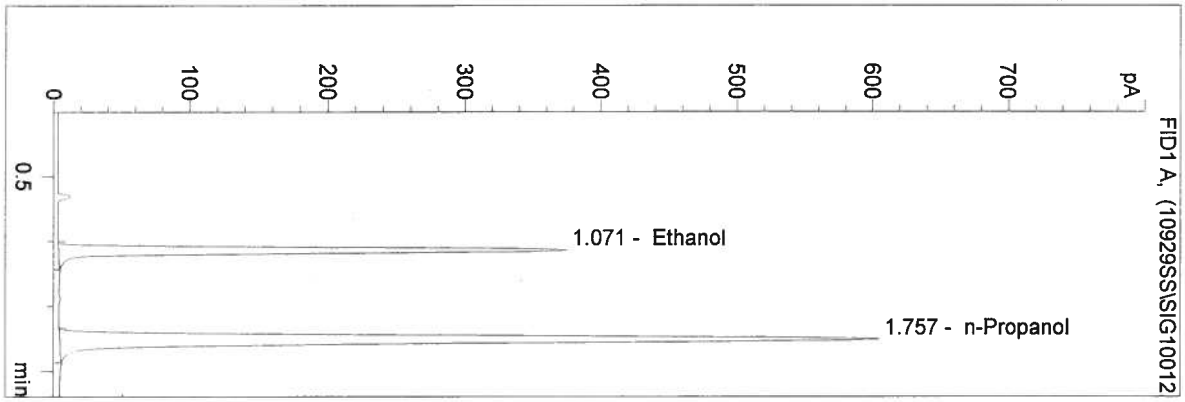
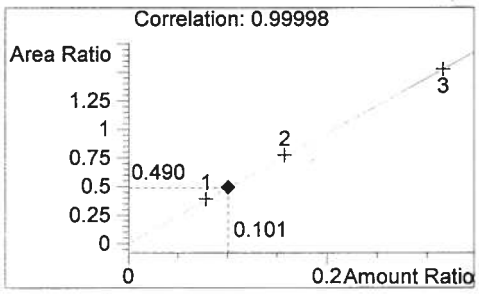
9/29/2010 2:02:09 PM
Instrument 1
DB ALC 1

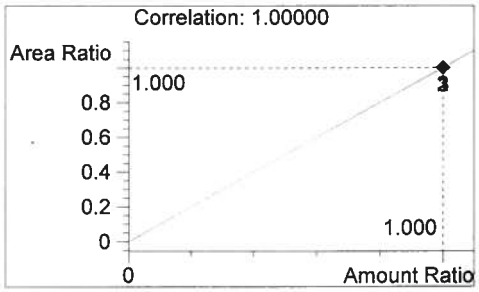
10041 #3
Sarah Swenson
vial # 12



#	Compound	Area	RT
1	Ethanol	1166	1.071
2	n-Propanol	2382	1.757
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

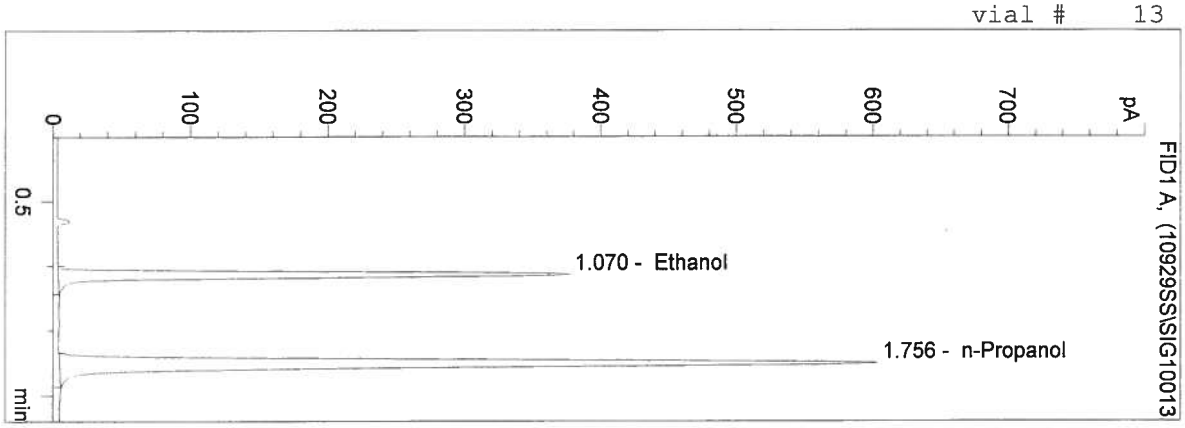
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

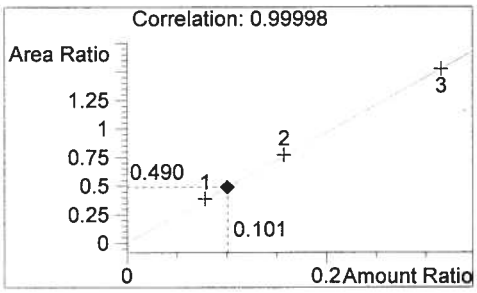
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 2:05:14 PM
Instrument 1
DB ALC 1

10041 #4
Sarah Swenson

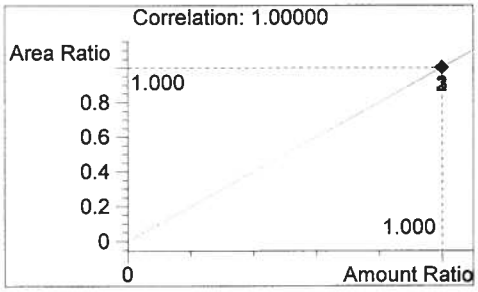
vial # 13



#	Compound	Area	RT
1	Ethanol	1157	1.070
2	n-Propanol	2361	1.756
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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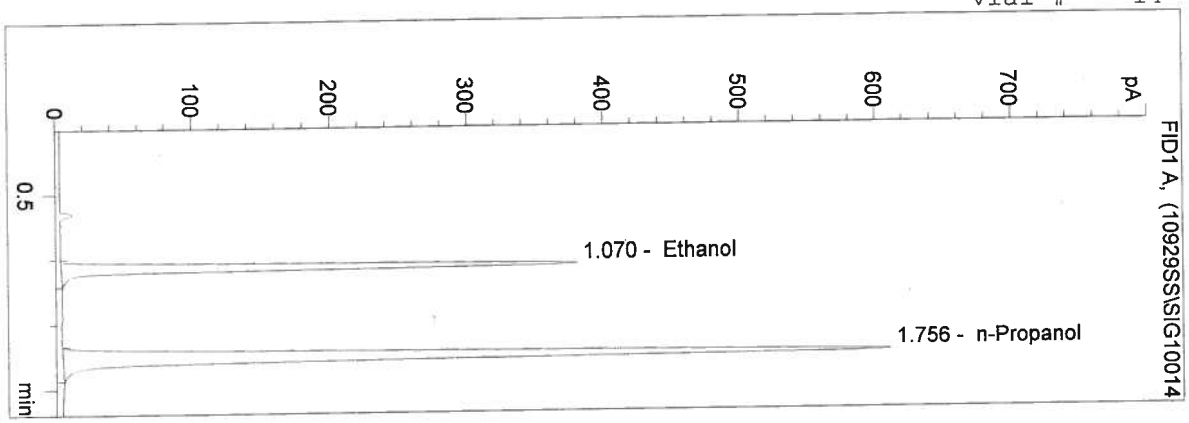
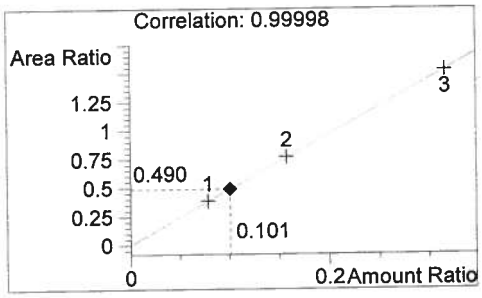
9/29/2010 2:08:19 PM
Instrument 1
DB ALC 1

10041 #5
Sarah Swenson

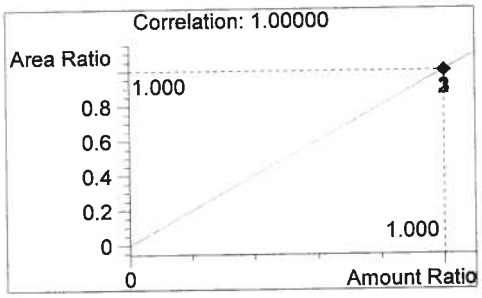
vial # 14



#	Compound	Area	RT
1	Ethanol	1176	1.070
2	n-Propanol	2401	1.756
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

10041

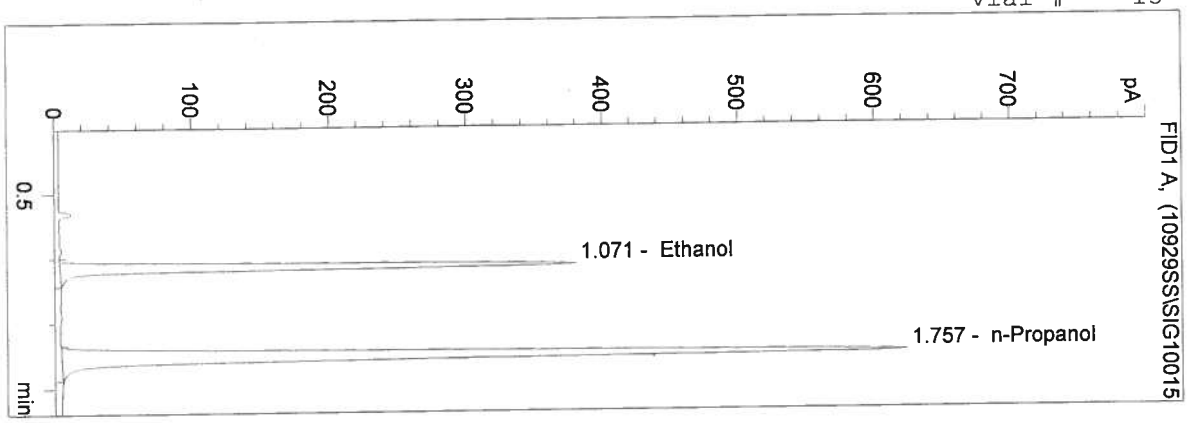
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

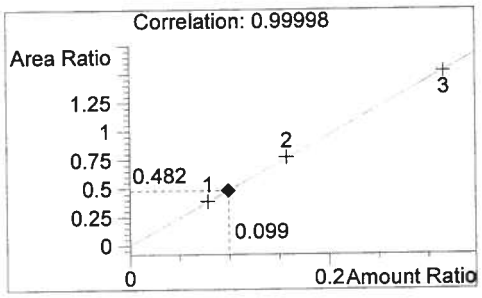
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 2:11:24 PM
Instrument 1
DB ALC 1

0.10 CTRL-SS
Sarah Swenson

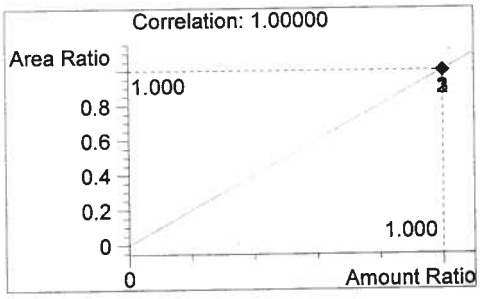
vial # 15



#	Compound	Area	RT
1	Ethanol	1183	1.071
2	n-Propanol	2455	1.757
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

10041

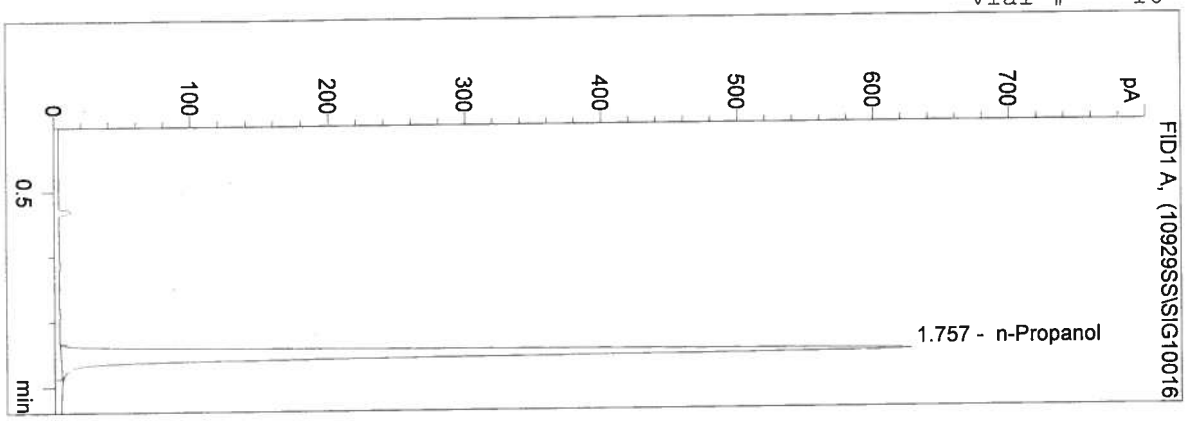
SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

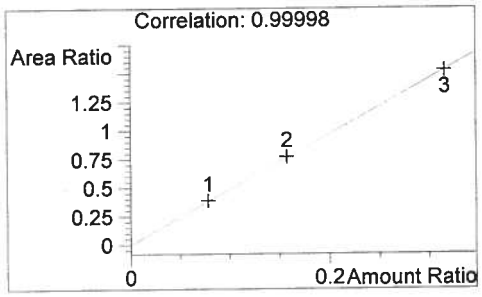
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 2:14:28 PM
Instrument 1
DB ALC 1

NEG CTRL-SS
Sarah Swenson

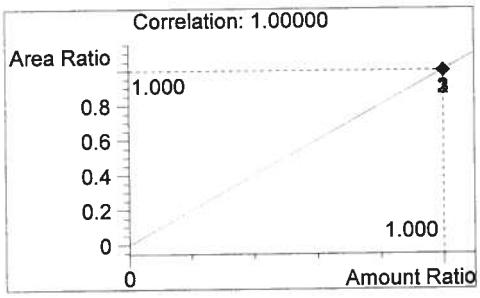
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2467	1.757
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

SMS

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:	100929JK
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	10041-1	SIMALC	1	Sample		
11	Vial 11	10041-2	SIMALC	1	Sample		
12	Vial 12	10041-3	SIMALC	1	Sample		
13	Vial 13	10041-4	SIMALC	1	Sample		
14	Vial 14	10041-5	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	

10041

Sequence Table (Back Injector):

No entries - empty table!

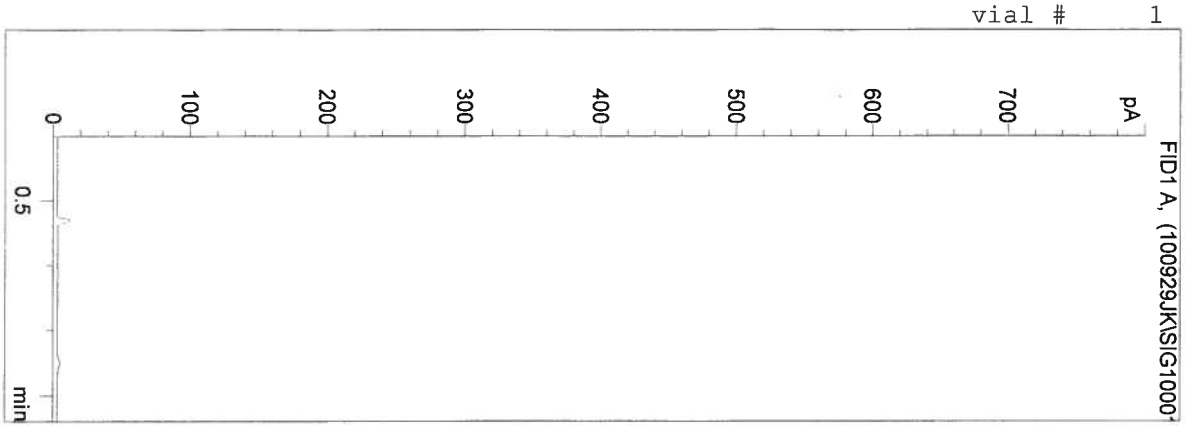
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

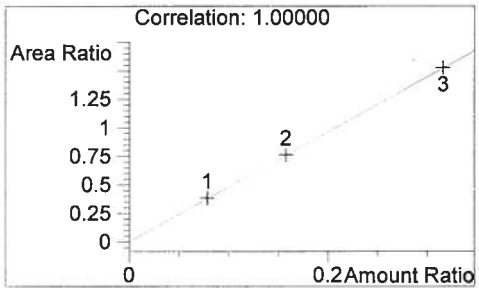
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:26:02 AM
Instrument 1
DB ALC 1

BLANK
Justin Knoy

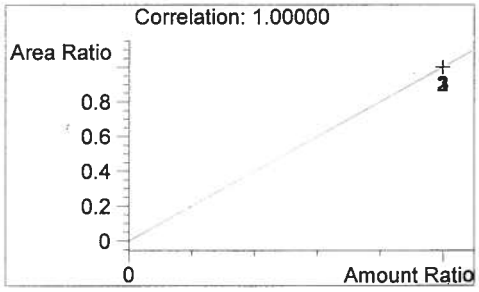
vial # 1



#	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

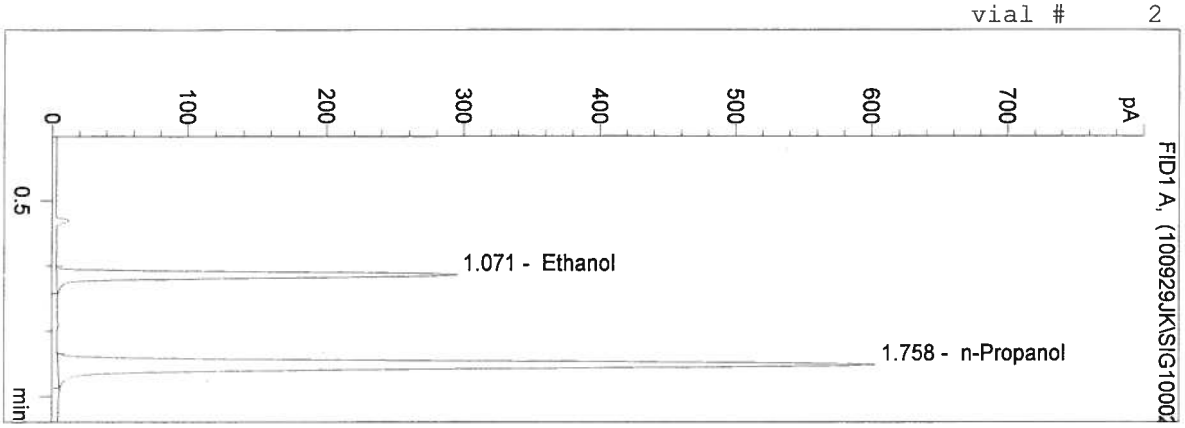
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

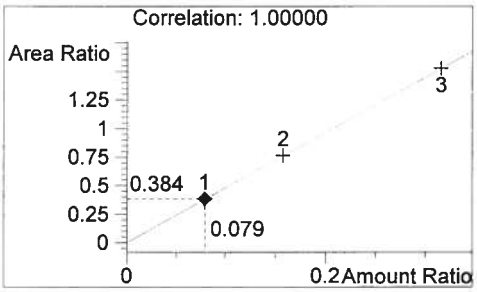
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:29:07 AM
Instrument 1
DB ALC 1

0.079 CAL
Justin Knoy

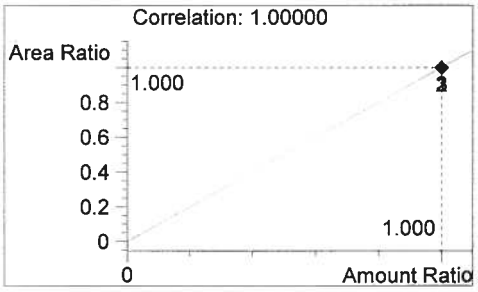
vial # 2



#	Compound	Area	RT
1	Ethanol	910	1.071
2	n-Propanol	2370	1.758
Tot			



Ethanol 0.079 g/100 mL



n-Propanol 1.000 g/100 mL

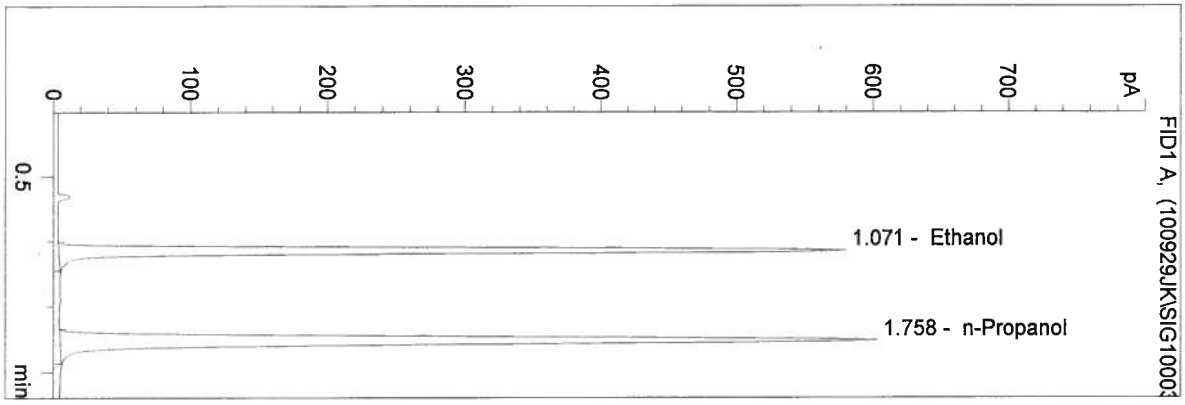
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

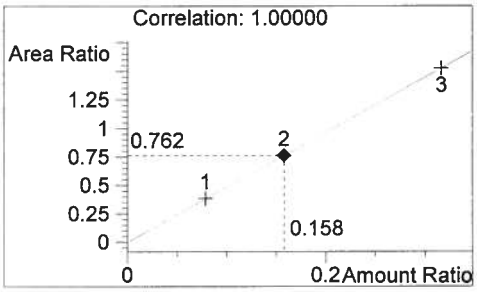
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:32:12 AM
Instrument 1
DB ALC 1

0.158 CAL
Justin Knoy

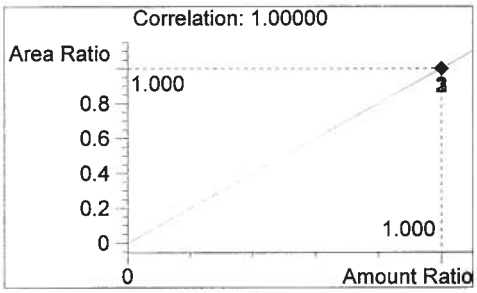
vial # 3



#	Compound	Area	RT
1	Ethanol	1805	1.071
2	n-Propanol	2368	1.758
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

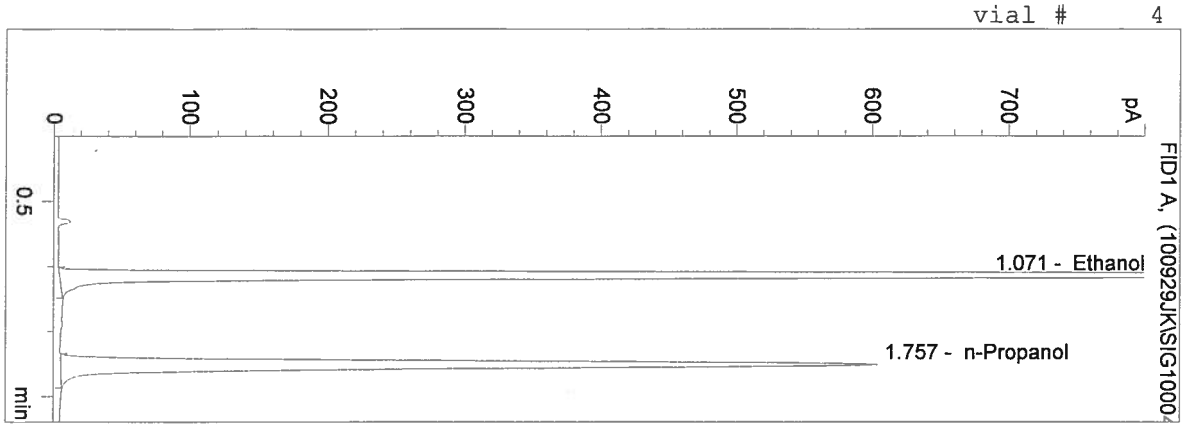
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

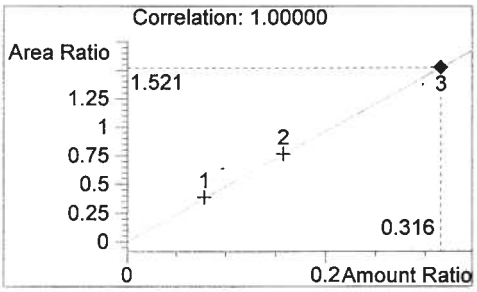
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:35:16 AM
Instrument 1
DB ALC 1

0.316 CAL
Justin Knoy

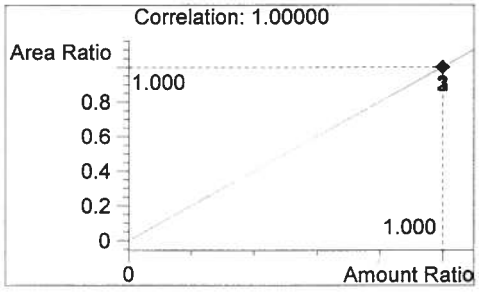
vial # 4



#	Compound	Area	RT
1	Ethanol	3599	1.071
2	n-Propanol	2365	1.757
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

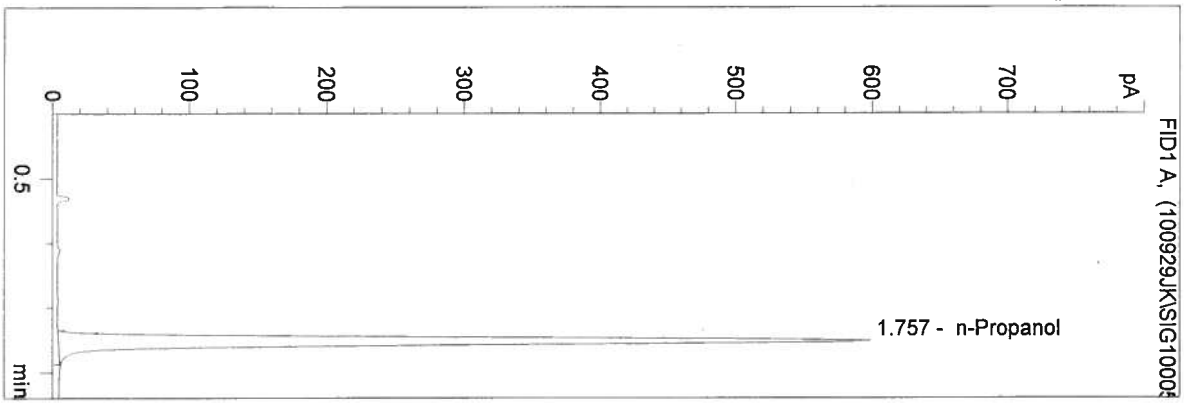
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

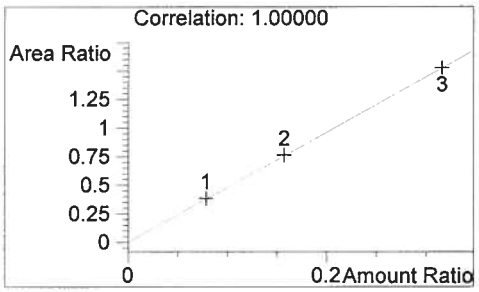
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:38:21 AM
Instrument 1
DB ALC 1

NEG CTRL JK
Justin Knoy

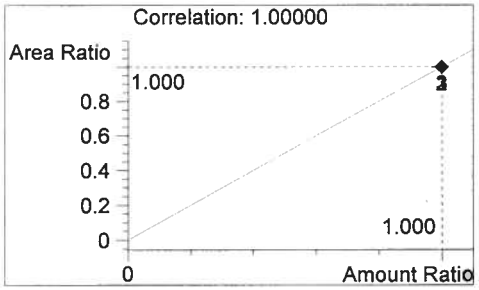
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2351	1.757
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

WASHINGTON STATE TOXICOLOGY LABORATORY

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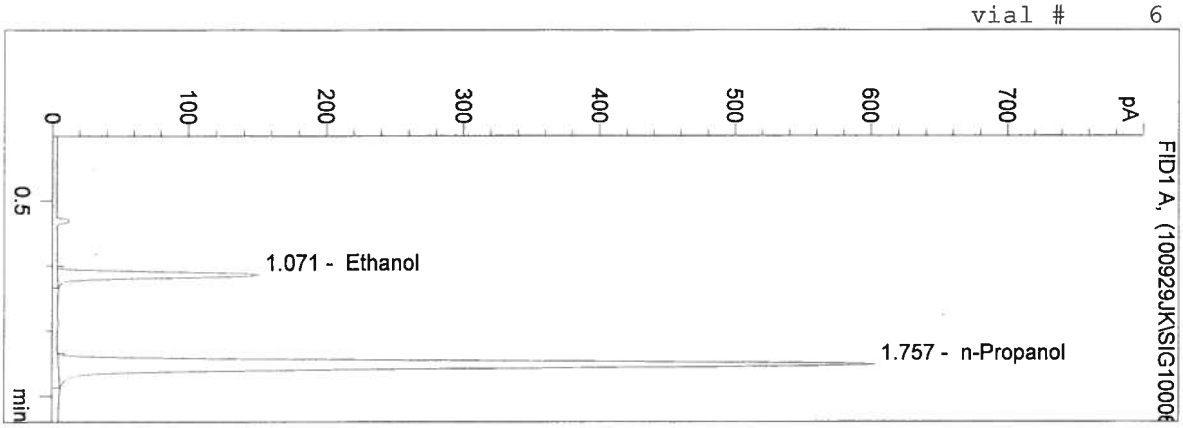
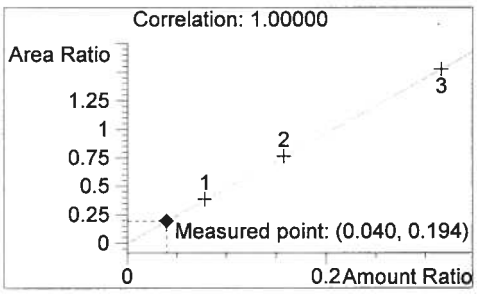
9/29/2010 10:41:26 AM
Instrument 1
DB ALC 1

0.04 CTRL JK
Justin Knoy

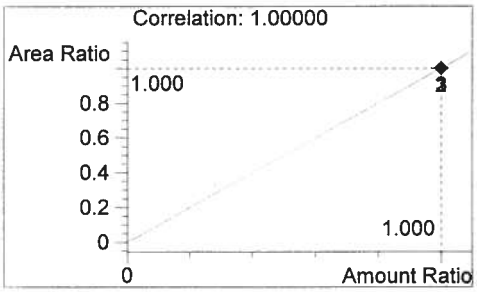
vial # 6



#	Compound	Area	RT
1	Ethanol	460	1.071
2	n-Propanol	2372	1.757
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

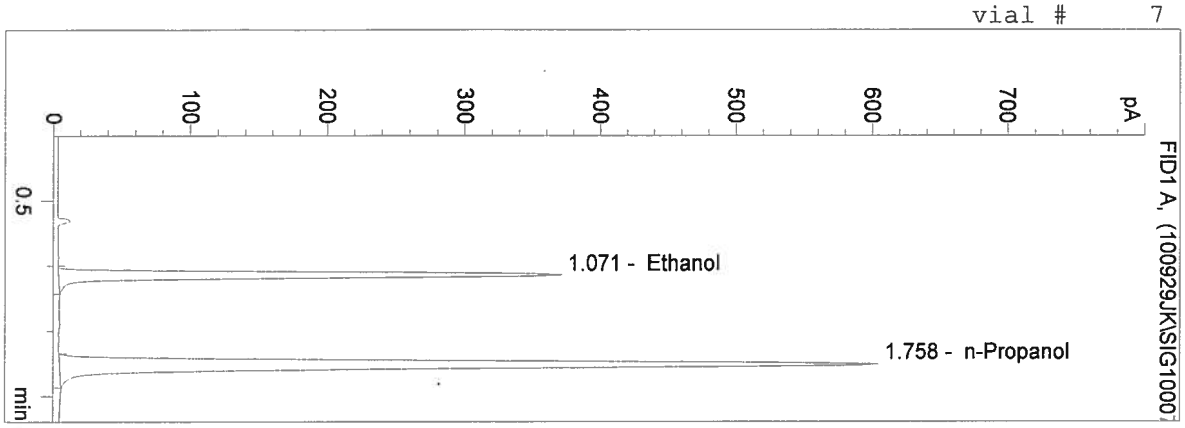
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

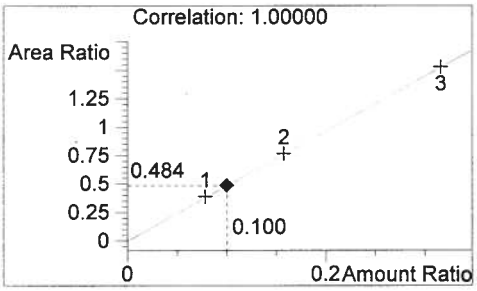
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:44:30 AM
Instrument 1
DB ALC 1

0.10 CTRL JK
Justin Knoy

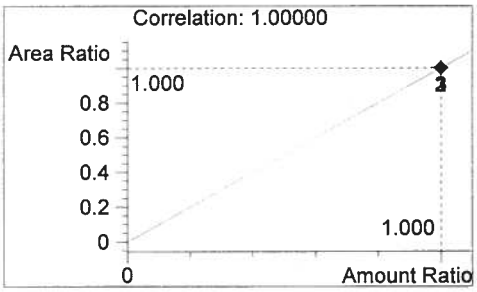
vial # 7



#	Compound	Area	RT
1	Ethanol	1156	1.071
2	n-Propanol	2387	1.758
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

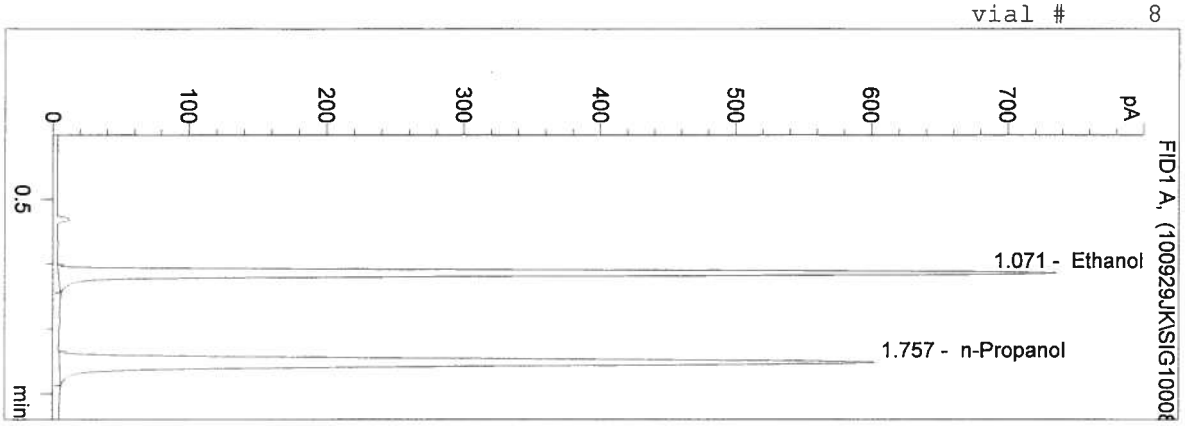
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

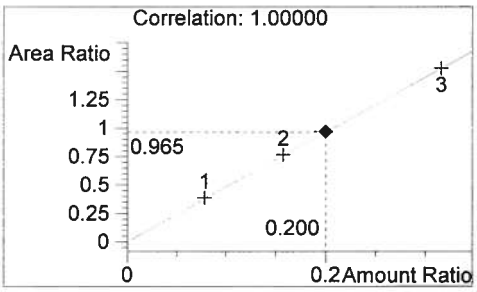
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:47:35 AM
Instrument 1
DB ALC 1

0.20 CTRL JK
Justin Knoy

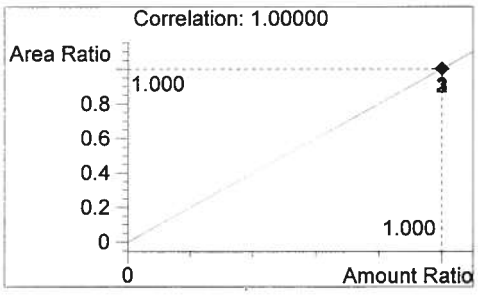
vial # 8



#	Compound	Area	RT
1	Ethanol	2282	1.071
2	n-Propanol	2365	1.757
Tot			



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

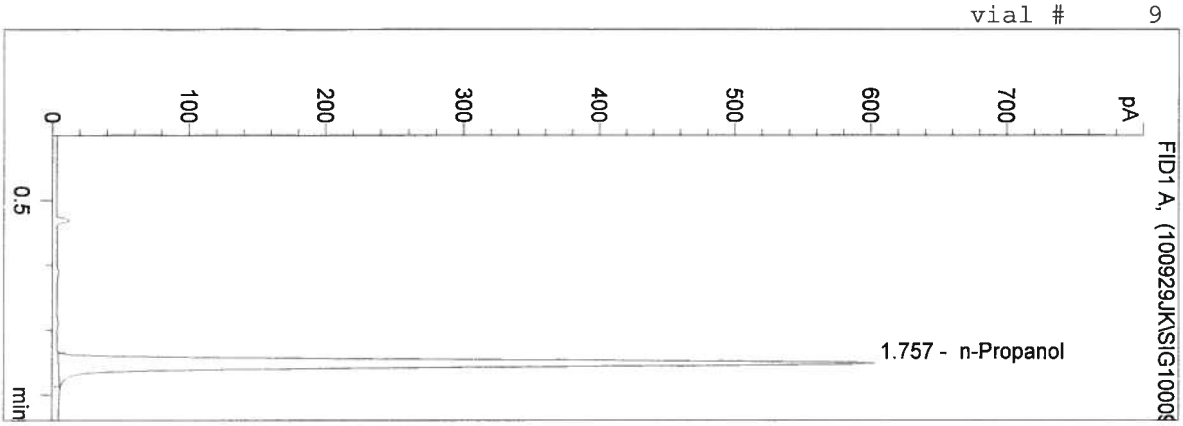
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

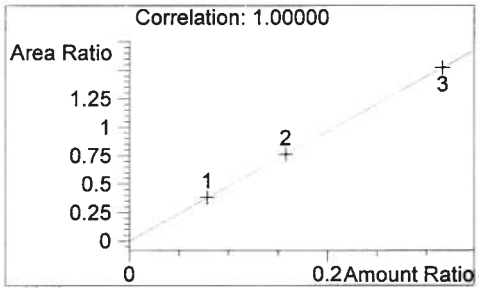
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:50:40 AM
Instrument 1
DB ALC 1

NEG CTRL JK
Justin Knoy

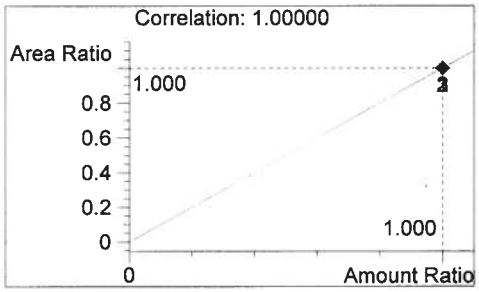
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2372	1.757
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

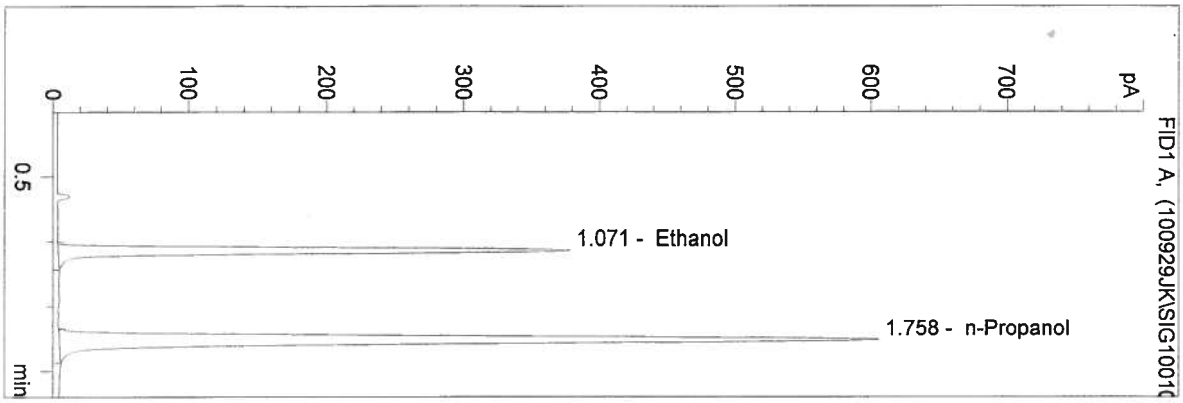
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

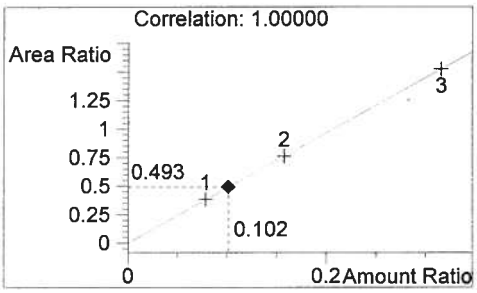
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:53:44 AM
Instrument 1
DB ALC 1

10041-1
Justin Knoy

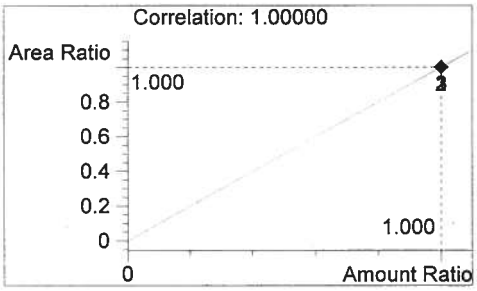
vial # 10



#	Compound	Area	RT
1	Ethanol	1175	1.071
2	n-Propanol	2385	1.758
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

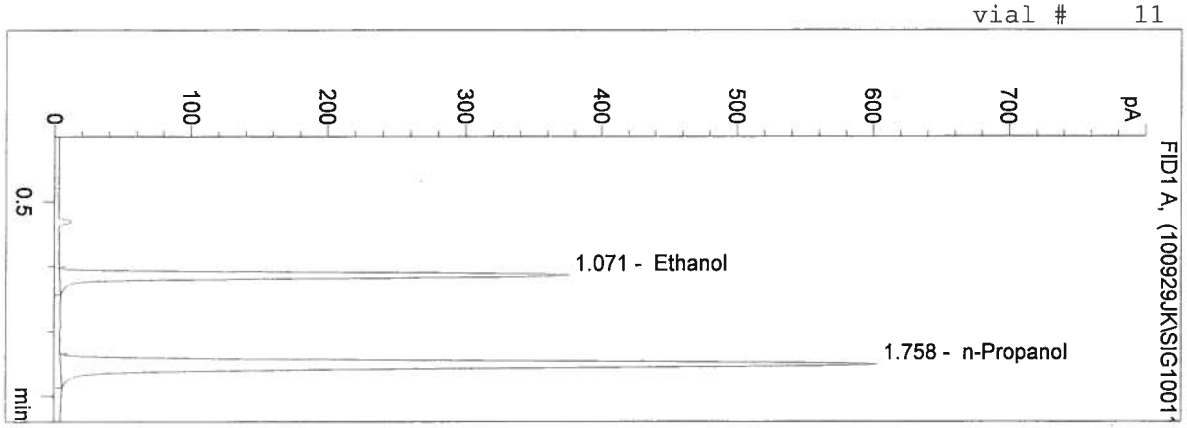
JK

WASHINGTON STATE TOXICOLOGY LABORATORY

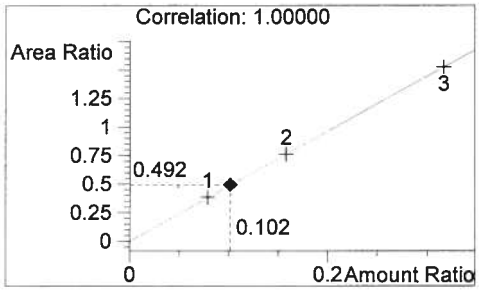
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:56:49 AM
Instrument 1
DB ALC 1

10041-2
Justin Knoy

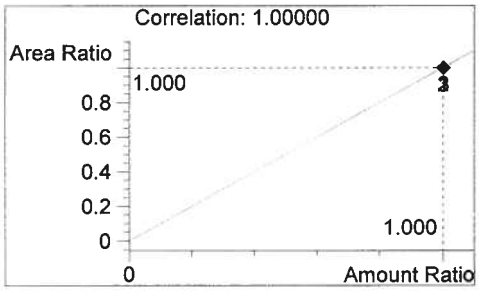
vial # 11



#	Compound	Area	RT
1	Ethanol	1167	1.071
2	n-Propanol	2372	1.758
Tot			



Ethanol 0.102 g/100 mL



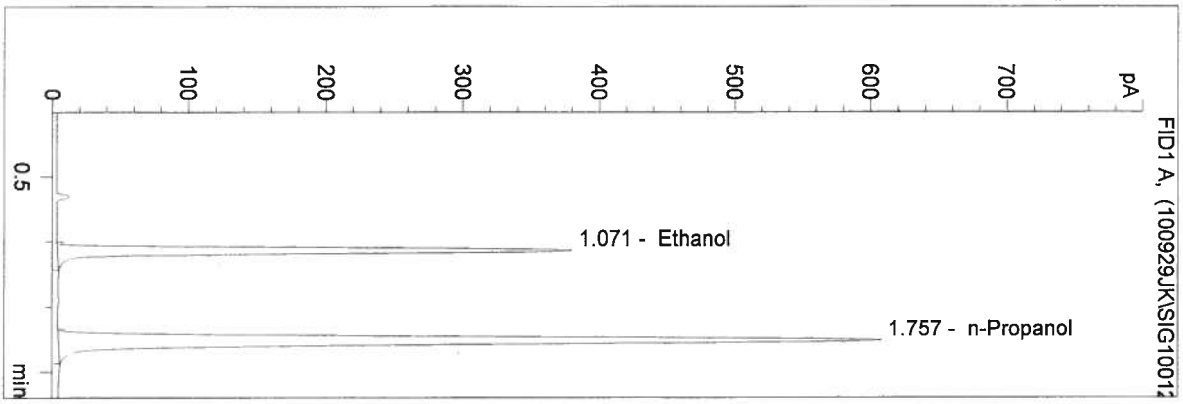
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

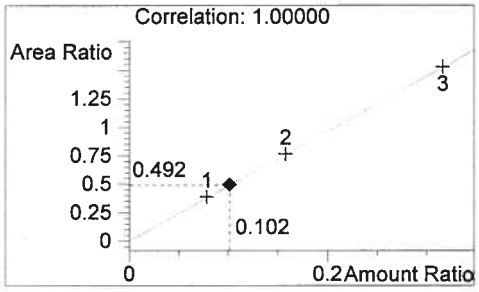
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 10:59:54 AM
Instrument 1
DB ALC 1

10041-3
Justin Knoy

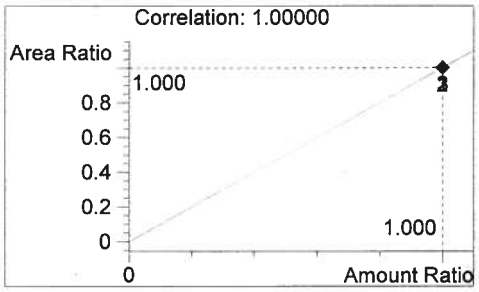
vial # 12



#	Compound	Area	RT
1	Ethanol	1176	1.071
2	n-Propanol	2393	1.757
Tot			



Ethanol 0.102 g/100 mL



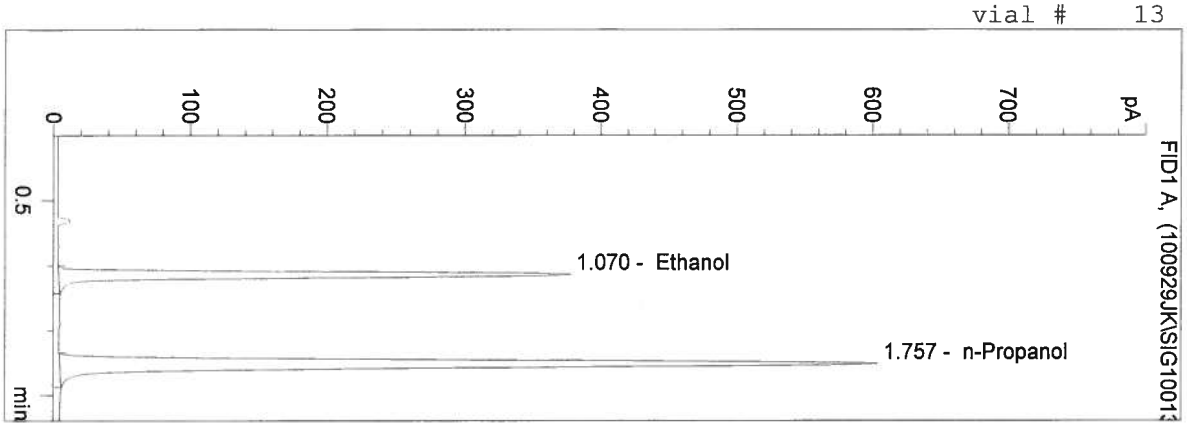
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

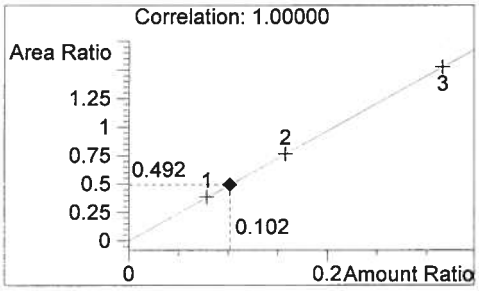
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 11:02:59 AM
Instrument 1
DB ALC 1

10041-4
Justin Knoy

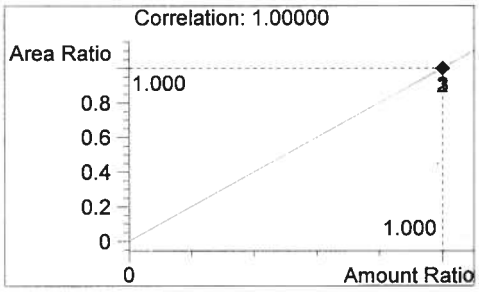
vial # 13



#	Compound	Area	RT
1	Ethanol	1168	1.070
2	n-Propanol	2372	1.757
Tot			



Ethanol 0.102 g/100 mL



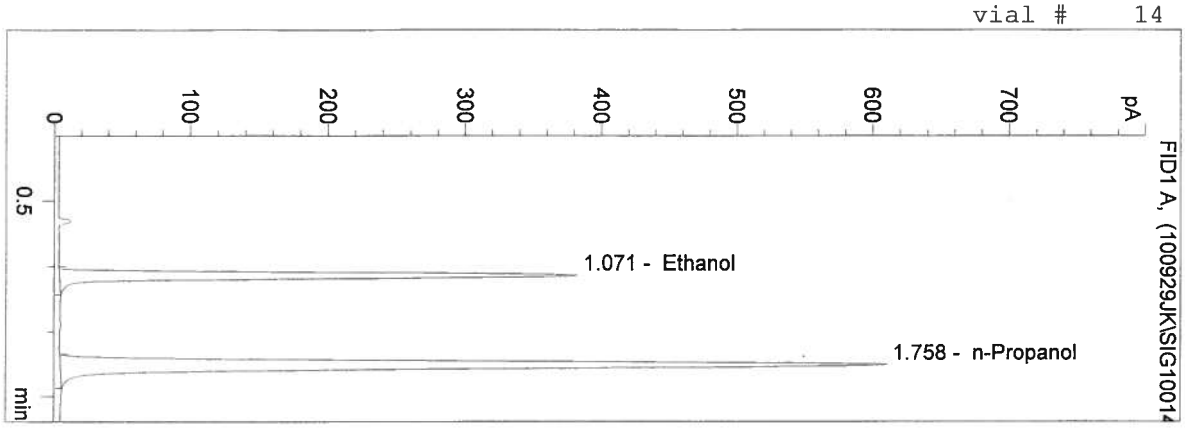
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

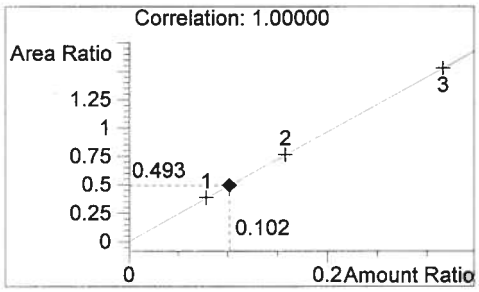
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 11:06:04 AM
Instrument 1
DB ALC 1

10041-5
Justin Knoy

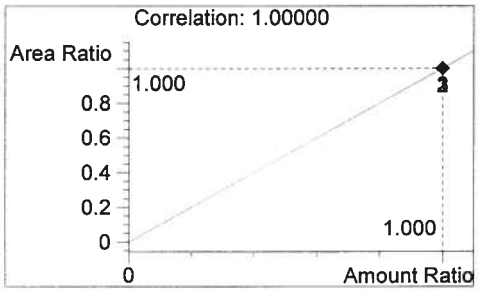
vial # 14



#	Compound	Area	RT
1	Ethanol	1182	1.071
2	n-Propanol	2399	1.758
Tot			



Ethanol 0.102 g/100 mL



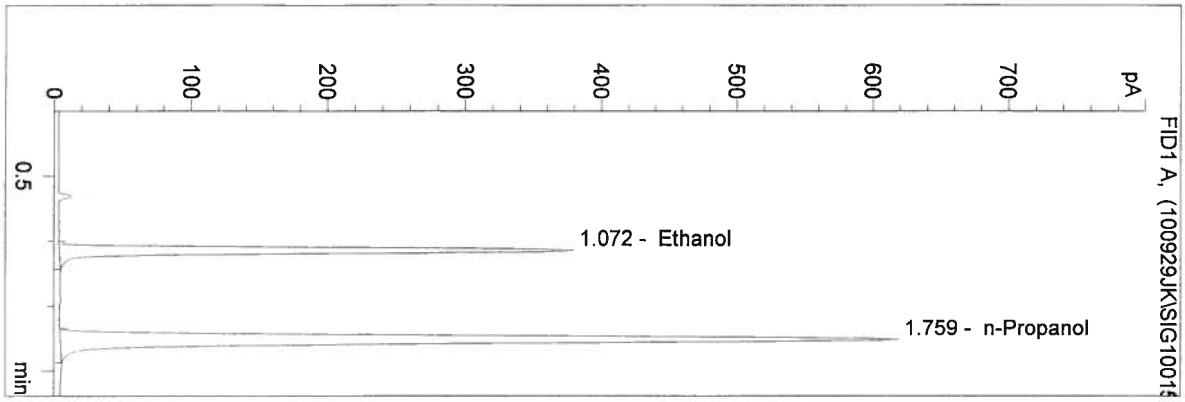
n-Propanol 1.000 g/100 mL

WASHINGTON STATE TOXICOLOGY LABORATORY

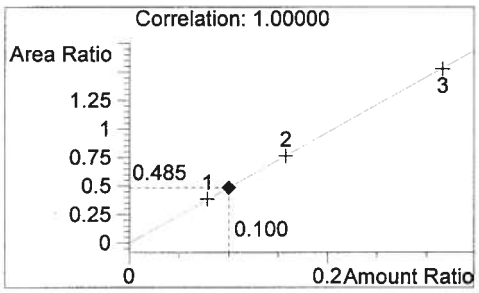
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 11:09:08 AM
Instrument 1
DB ALC 1

0.10 CTRL JK
Justin Knoy

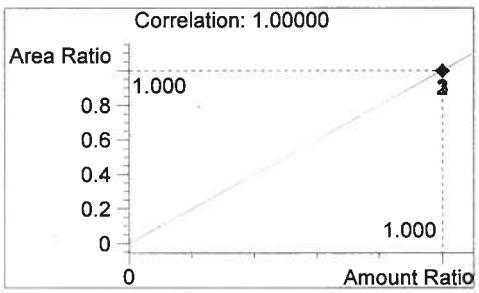
vial # 15



#	Compound	Area	RT
1	Ethanol	1184	1.072
2	n-Propanol	2443	1.759
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

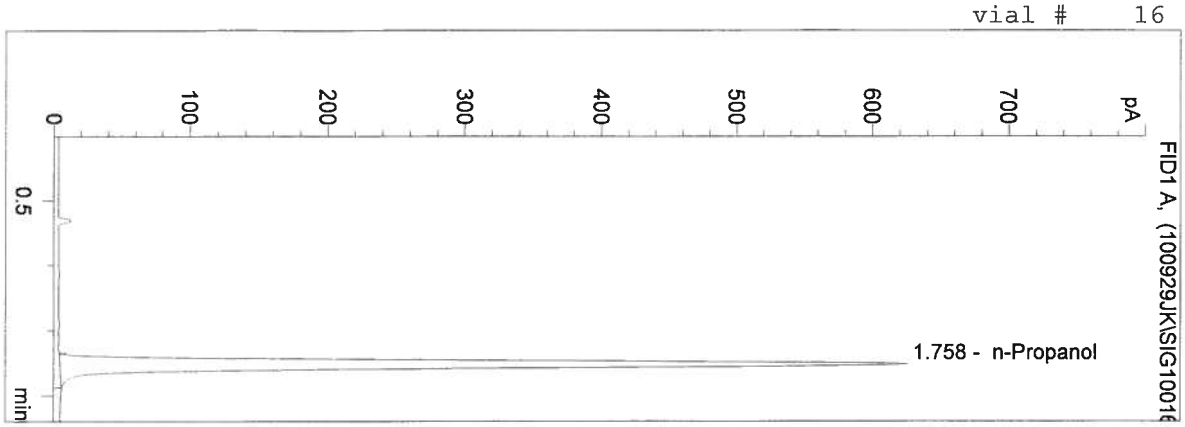
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

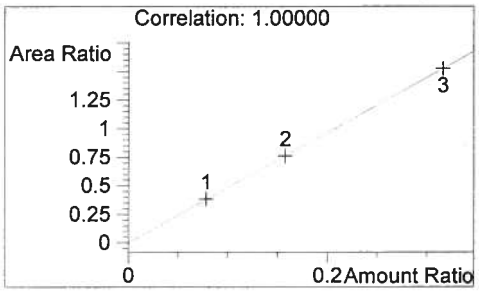
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 11:12:13 AM
Instrument 1
DB ALC 1

NEG CTRL JK
Justin Knoy

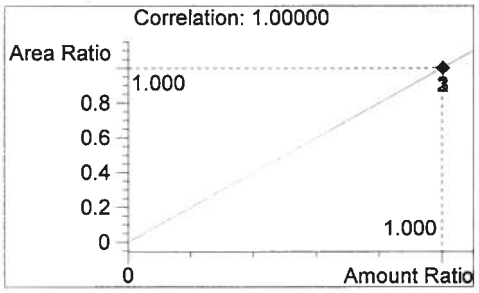
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2472	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

10041

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:	100929CM
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	10041 #1	SIMALC	1	Sample		
11	Vial 11	10041 #2	SIMALC	1	Sample		
12	Vial 12	10041 #3	SIMALC	1	Sample		
13	Vial 13	10041 #4	SIMALC	1	Sample		
14	Vial 14	10041 #5	SIMALC	1	Sample		
15	Vial 15	0.10 CTRL - CM	SIMALC	1	Ctrl Samp		
16	Vial 16	NEG CTRL - CM	SIMALC	1	Ctrl Samp		

CM

Calibration Part:

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

10041

Sequence Table (Back Injector):

No entries - empty table!

CM

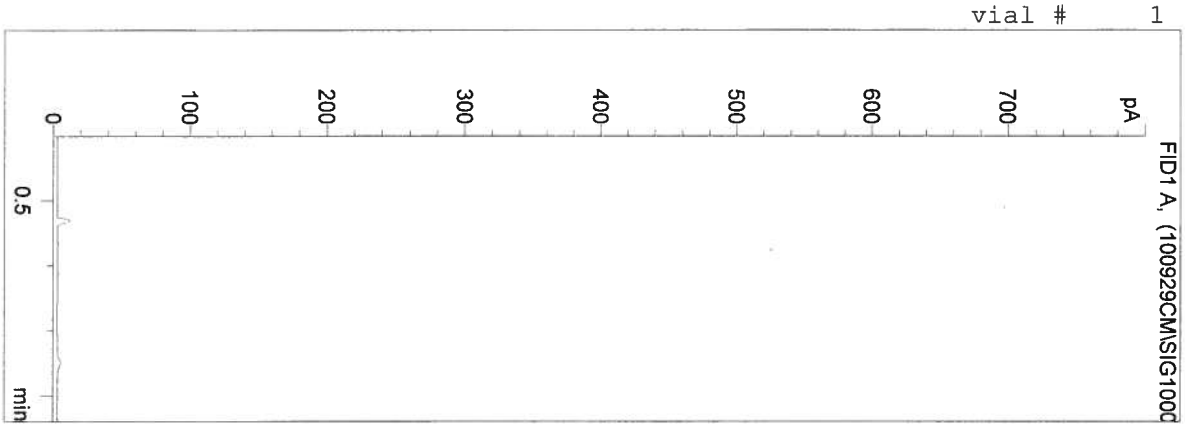
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

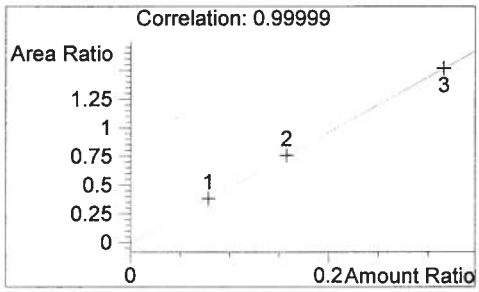
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 3:31:35 PM
Instrument 1
DB ALC 1

BLANK
Christie Mitchell

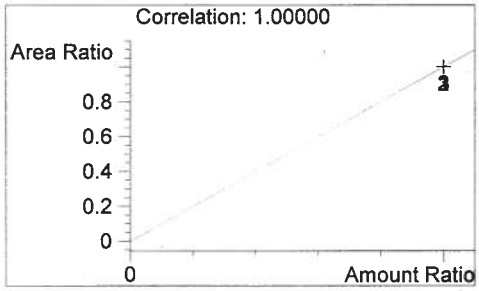
vial # 1



#	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

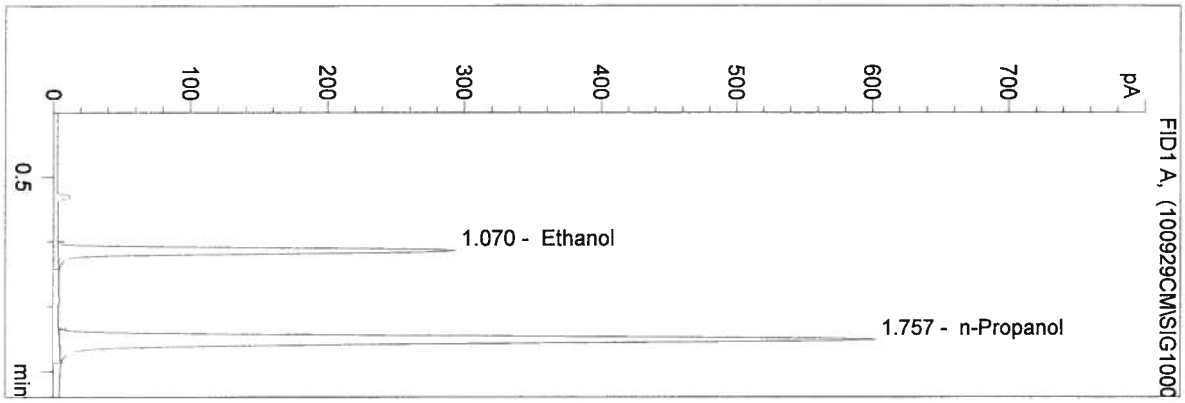
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

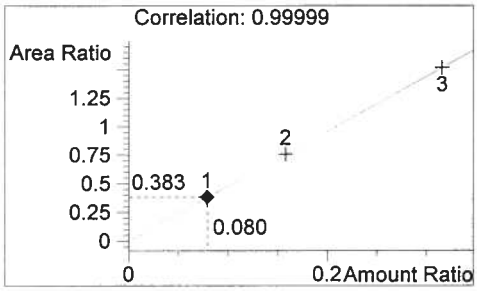
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 3:34:40 PM
Instrument 1
DB ALC 1

0.079 CAL 1
Christie Mitchell

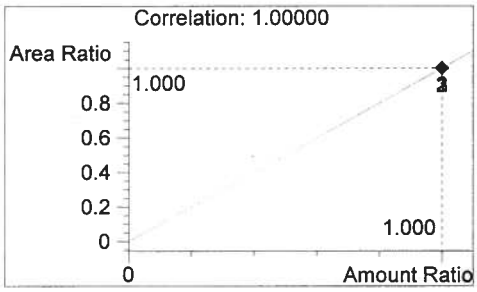
vial # 2



#	Compound	Area	RT
1	Ethanol	905	1.070
2	n-Propanol	2363	1.757
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

CM

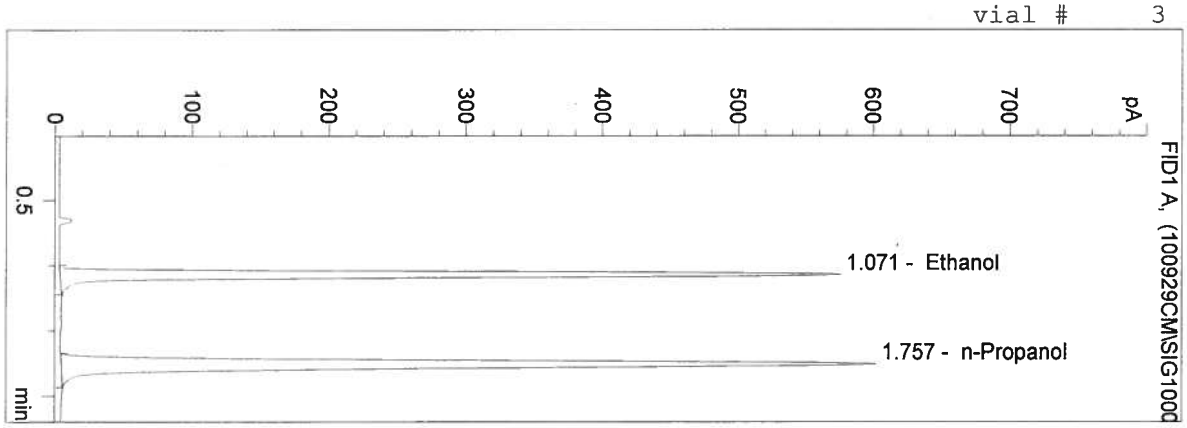
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

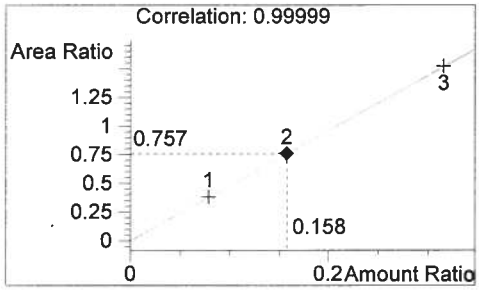
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 3:37:45 PM
Instrument 1
DB ALC 1

0.158 CAL 2
Christie Mitchell

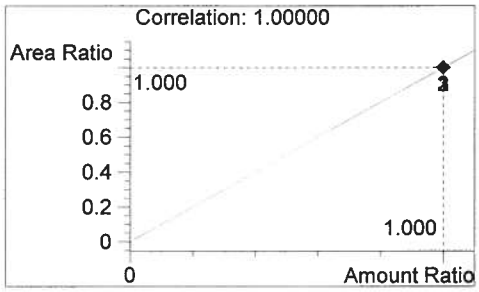
vial # 3



#	Compound	Area	RT
1	Ethanol	1795	1.071
2	n-Propanol	2369	1.757
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

CM

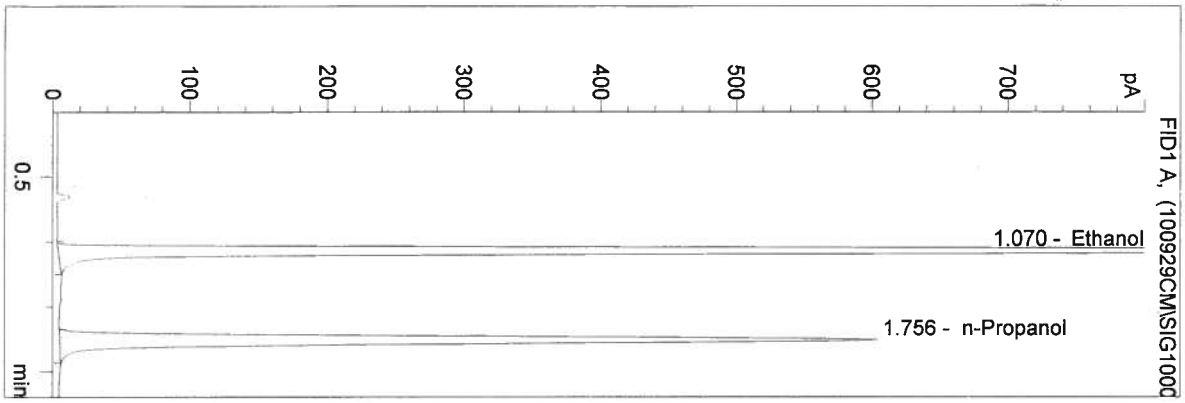
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

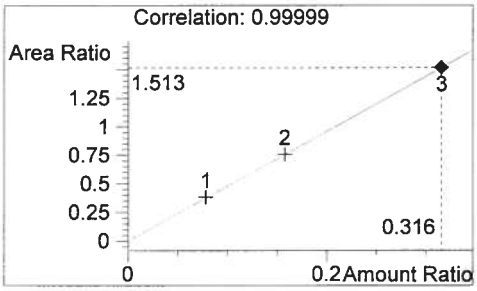
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 3:40:50 PM
Instrument 1
DB ALC 1

0.316 CAL 3
Christie Mitchell

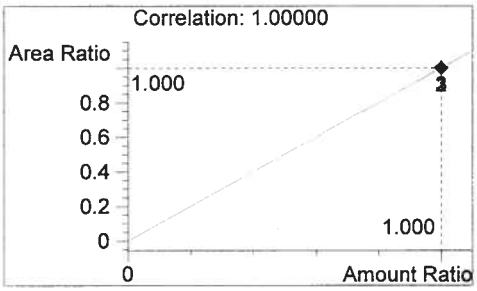
vial # 4



#	Compound	Area	RT
1	Ethanol	3584	1.070
2	n-Propanol	2369	1.756
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

CM

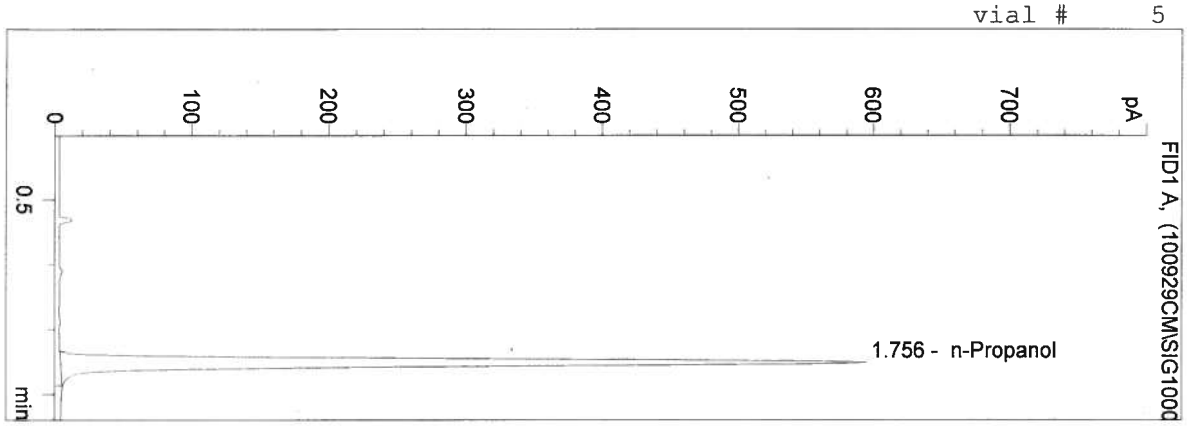
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

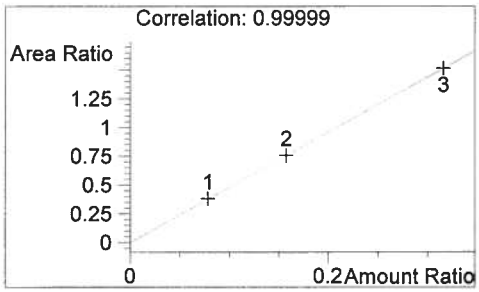
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 3:43:54 PM
Instrument 1
DB ALC 1

NEG CTRL - CM
Christie Mitchell

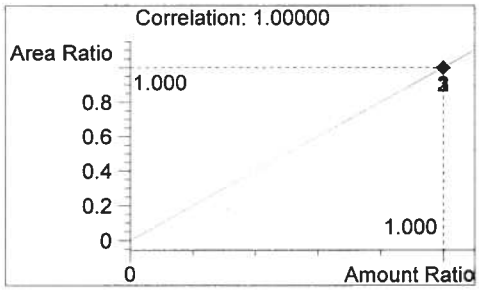
vial # 5



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2331	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

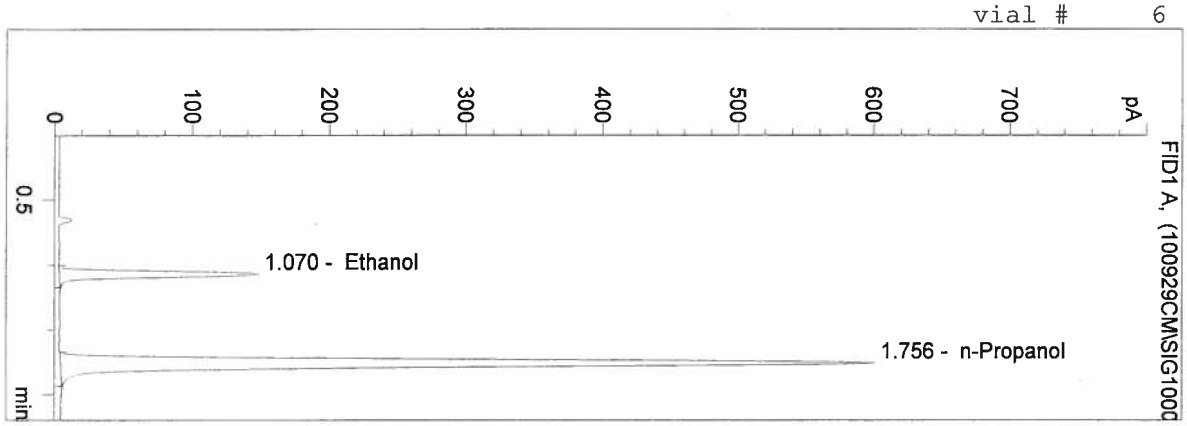
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

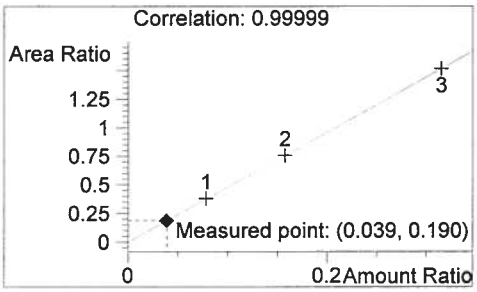
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 3:46:59 PM
Instrument 1
DB ALC 1

0.04 CTRL - CM
Christie Mitchell

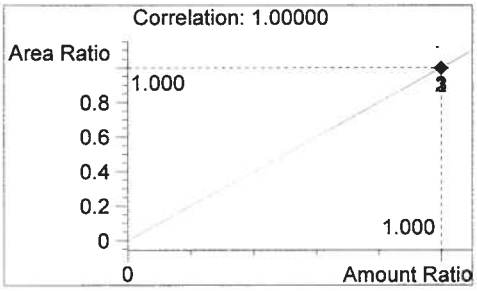
vial # 6



#	Compound	Area	RT
1	Ethanol	449	1.070
2	n-Propanol	2360	1.756
Tot			



Ethanol 0.039 g/100 mL



n-Propanol 1.000 g/100 mL

CM

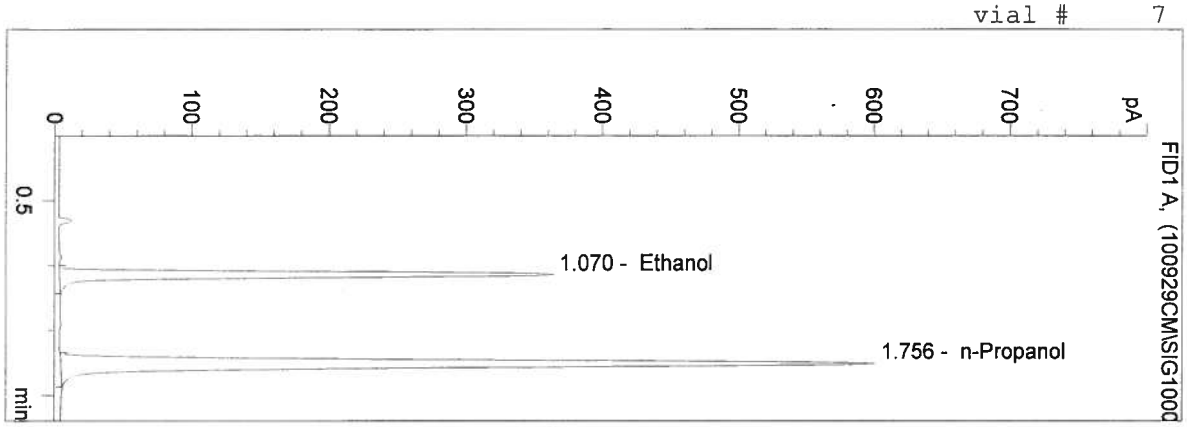
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

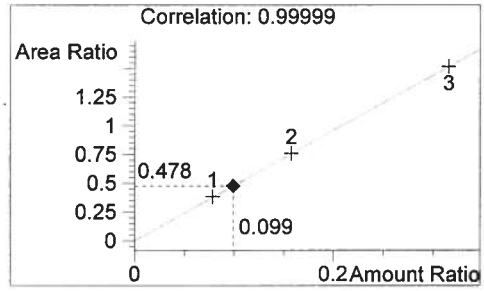
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 3:50:04 PM
Instrument 1
DB ALC 1

0.10 CTRL - CM
Christie Mitchell

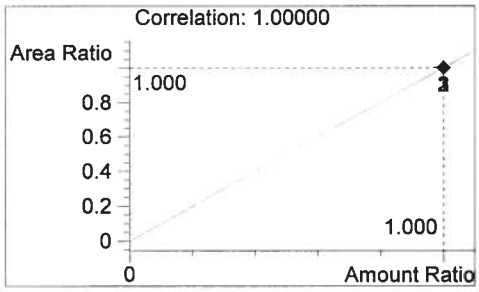
vial # 7



#	Compound	Area	RT
1	Ethanol	1129	1.070
2	n-Propanol	2365	1.756
Tot			



Ethanol 0.099 g/100 mL



n-Propanol 1.000 g/100 mL

CM

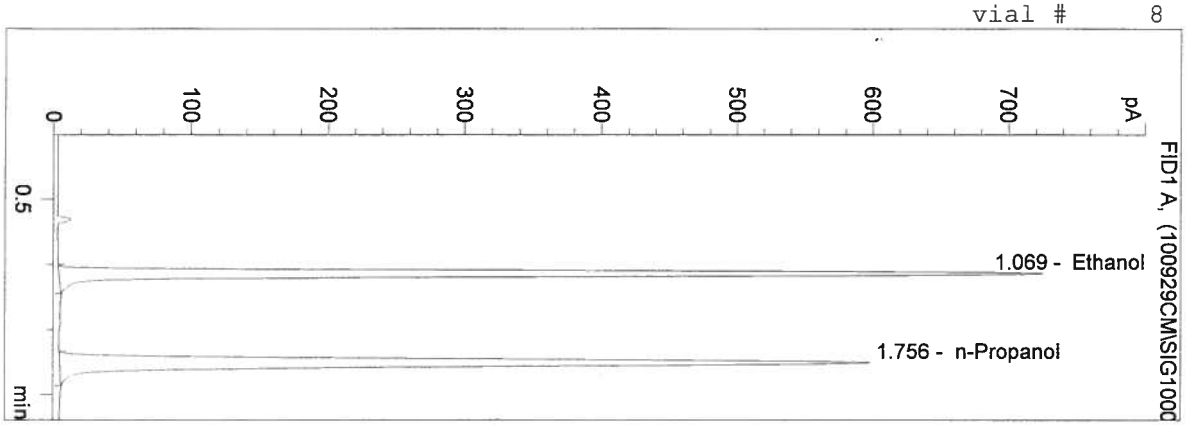
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

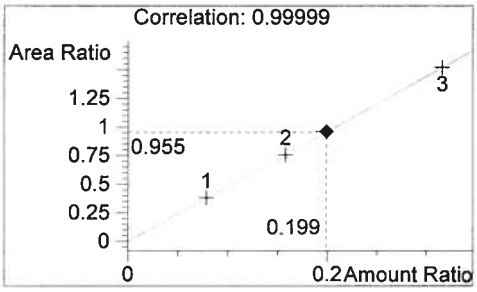
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 3:53:09 PM
Instrument 1
DB ALC 1

0.20 CTRL - CM
Christie Mitchell

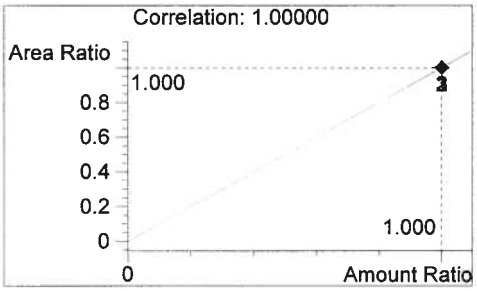
vial # 8



#	Compound	Area	RT
1	Ethanol	2238	1.069
2	n-Propanol	2344	1.756
Tot			



Ethanol 0.199 g/100 mL



n-Propanol 1.000 g/100 mL

CM

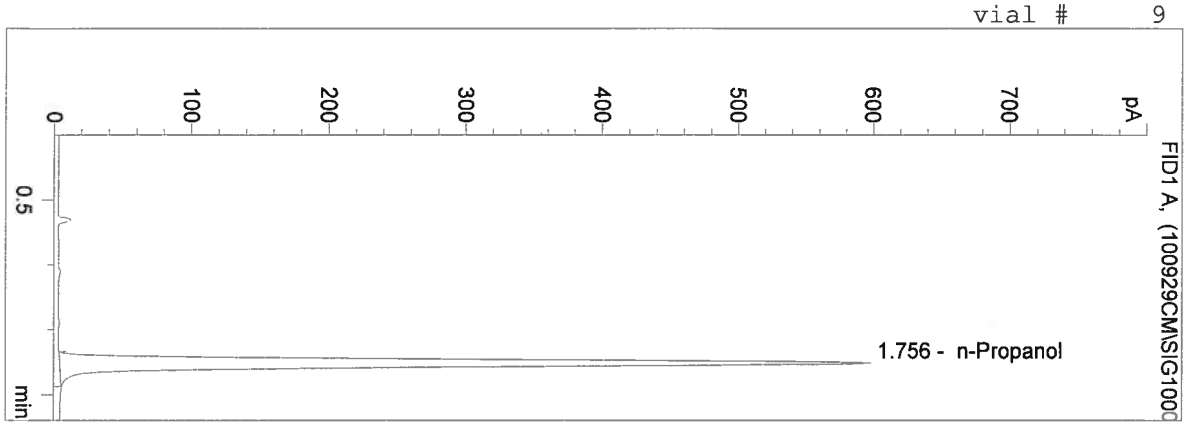
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

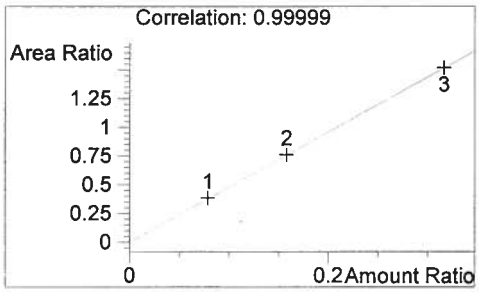
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 3:56:14 PM
Instrument 1
DB ALC 1

NEG CTRL - CM
Christie Mitchell

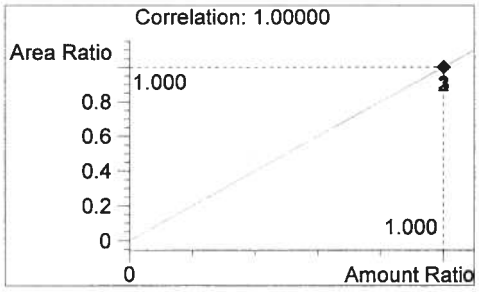
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2352	1.756
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10041

WASHINGTON STATE TOXICOLOGY LABORATORY

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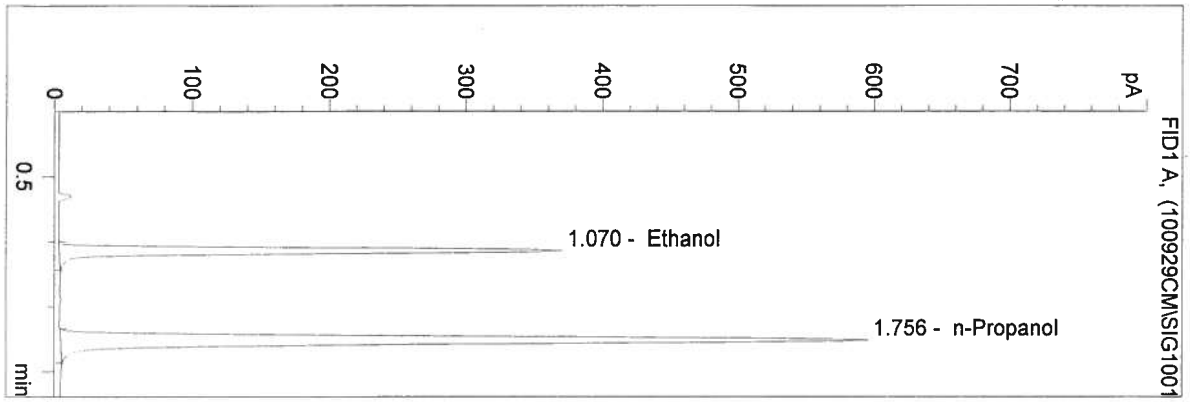
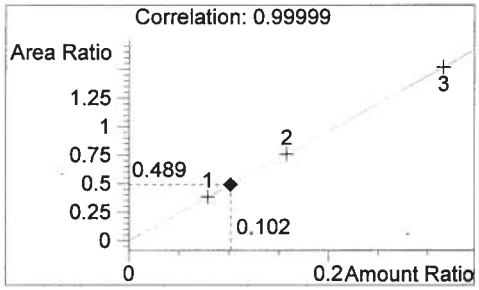
9/29/2010 3:59:18 PM
Instrument 1
DB ALC 1

10041 #1
Christie Mitchell

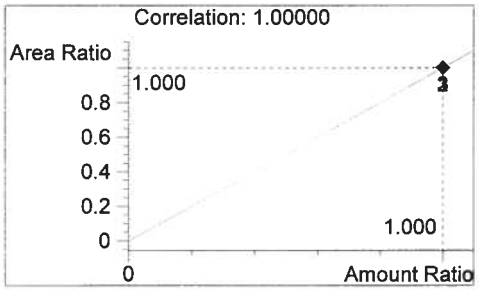
vial # 10



#	Compound	Area	RT
1	Ethanol	1147	1.070
2	n-Propanol	2343	1.756
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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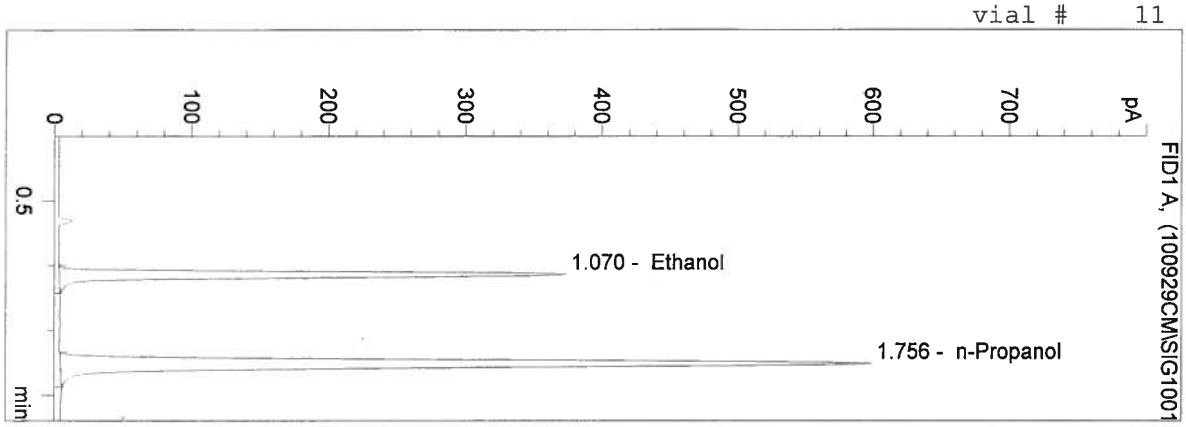
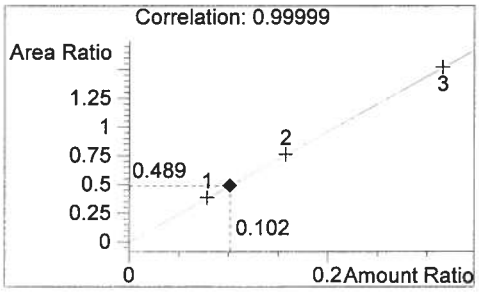
9/29/2010 4:02:23 PM
Instrument 1
DB ALC 1

10041 #2
Christie Mitchell

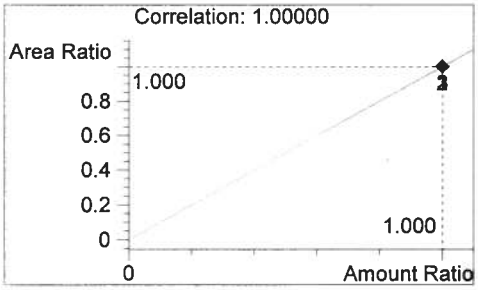
vial # 11



#	Compound	Area	RT
1	Ethanol	1149	1.070
2	n-Propanol	2352	1.756
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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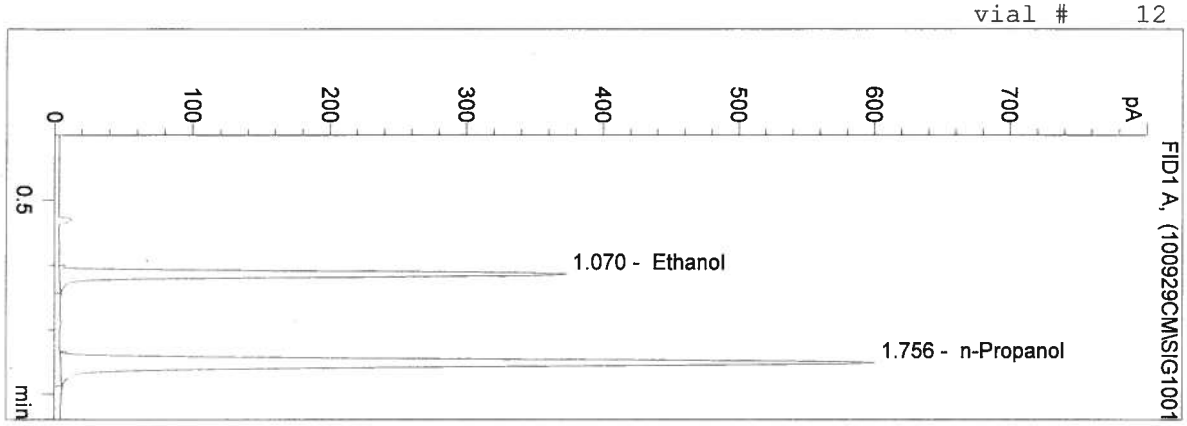
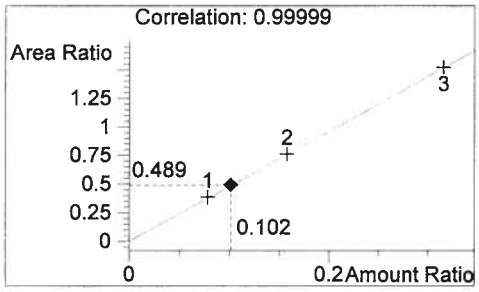
9/29/2010 4:05:28 PM
Instrument 1
DB ALC 1

10041 #3
Christie Mitchell

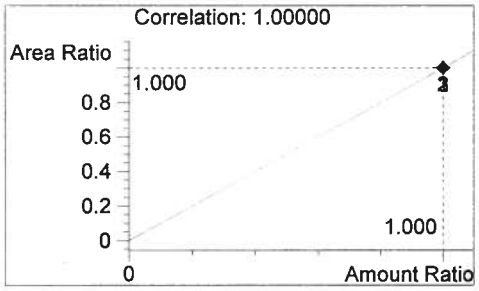
vial # 12



#	Compound	Area	RT
1	Ethanol	1153	1.070
2	n-Propanol	2357	1.756
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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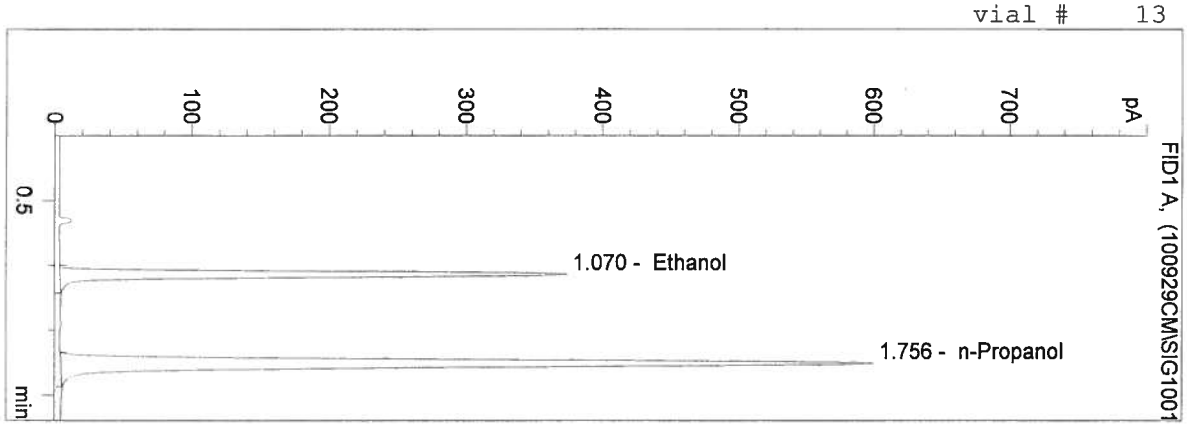
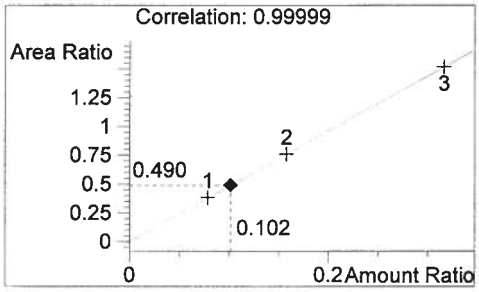
9/29/2010 4:08:33 PM
Instrument 1
DB ALC 1

10041 #4
Christie Mitchell

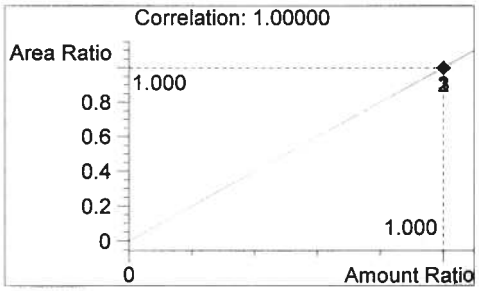
vial # 13



#	Compound	Area	RT
1	Ethanol	1152	1.070
2	n-Propanol	2353	1.756
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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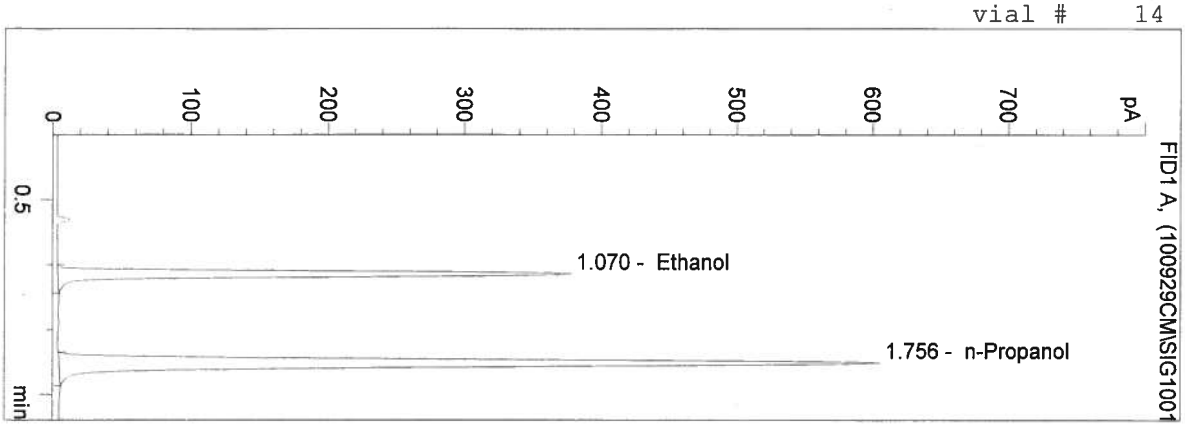
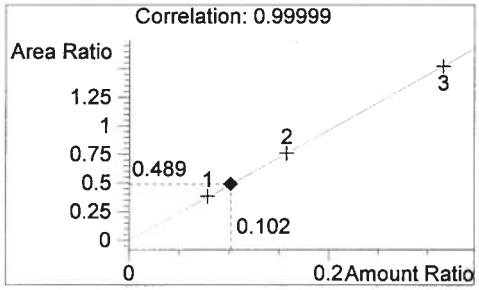
9/29/2010 4:11:38 PM
Instrument 1
DB ALC 1

10041 #5
Christie Mitchell

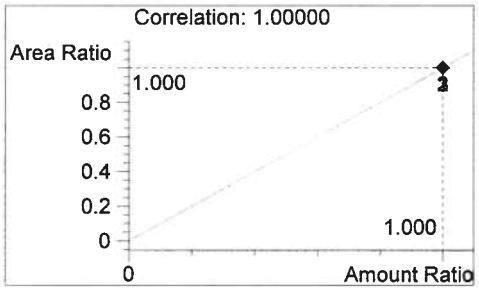
vial # 14



#	Compound	Area	RT
1	Ethanol	1160	1.070
2	n-Propanol	2372	1.756
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CM

WASHINGTON STATE TOXICOLOGY LABORATORY

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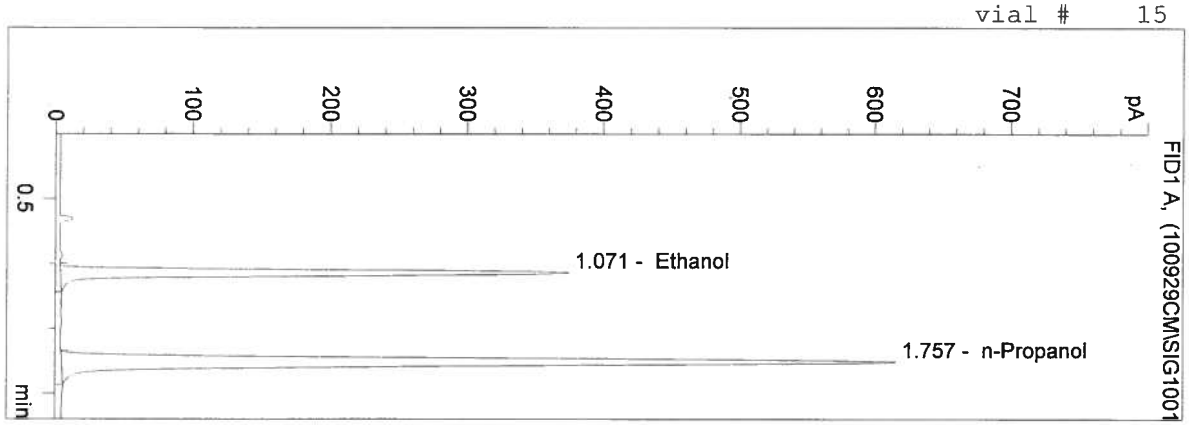
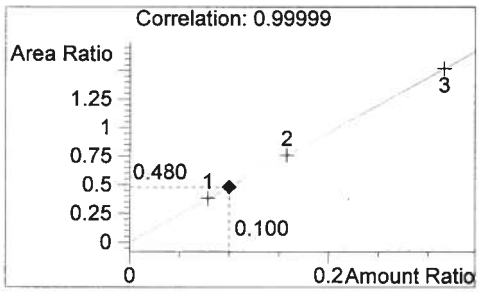
9/29/2010 4:14:43 PM
Instrument 1
DB ALC 1

0.10 CTRL - CM
Christie Mitchell

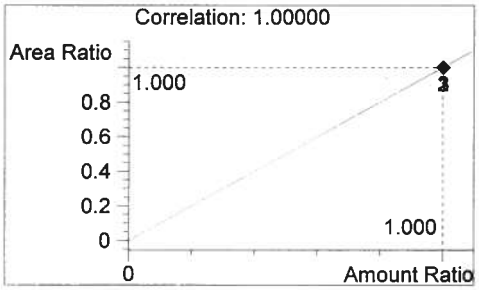
vial # 15



#	Compound	Area	RT
1	Ethanol	1167	1.071
2	n-Propanol	2429	1.757
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10041

WASHINGTON STATE TOXICOLOGY LABORATORY

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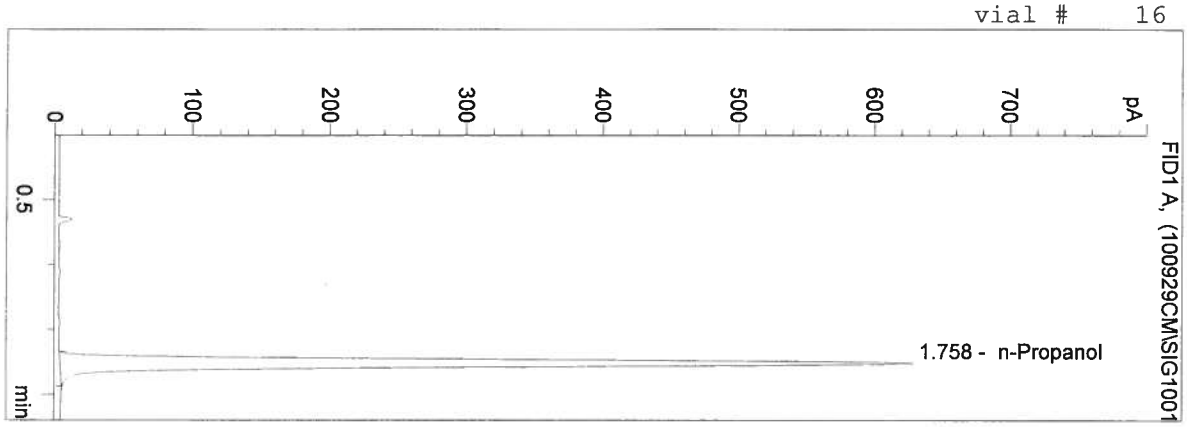
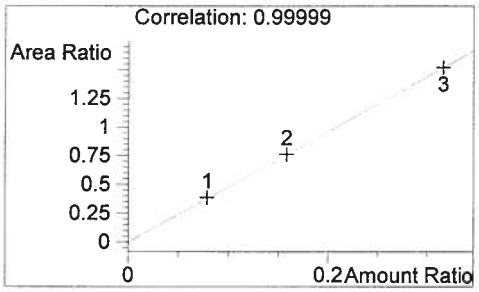
9/29/2010 4:17:48 PM
Instrument 1
DB ALC 1

NEG CTRL - CM
Christie Mitchell

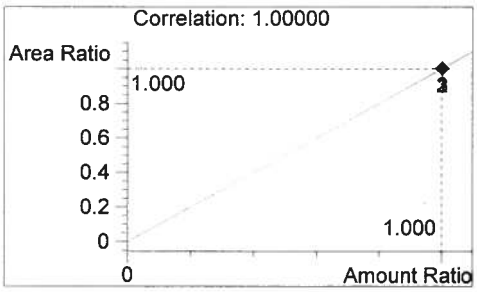
vial # 16



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2485	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CM

10041

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:	100929CJ
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	New ISTD 100929	SIMALC	1	Sample		
11	Vial 11	10041 #1 CJ	SIMALC	1	Sample		
12	Vial 12	10041 #2 CJ	SIMALC	1	Sample		
13	Vial 13	10041 #3 CJ	SIMALC	1	Sample		
14	Vial 14	10041 #4 CJ	SIMALC	1	Sample		
15	Vial 15	10041 #5 CJ	SIMALC	1	Sample		
16	Vial 16	0.10 CTRL-CJ	SIMALC	1	Ctrl Samp		
17	Vial 17	BLANK-CJ	SIMALC	1	Sample		

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	

10041

CJ

Sequence Table (Back Injector):

No entries - empty table!

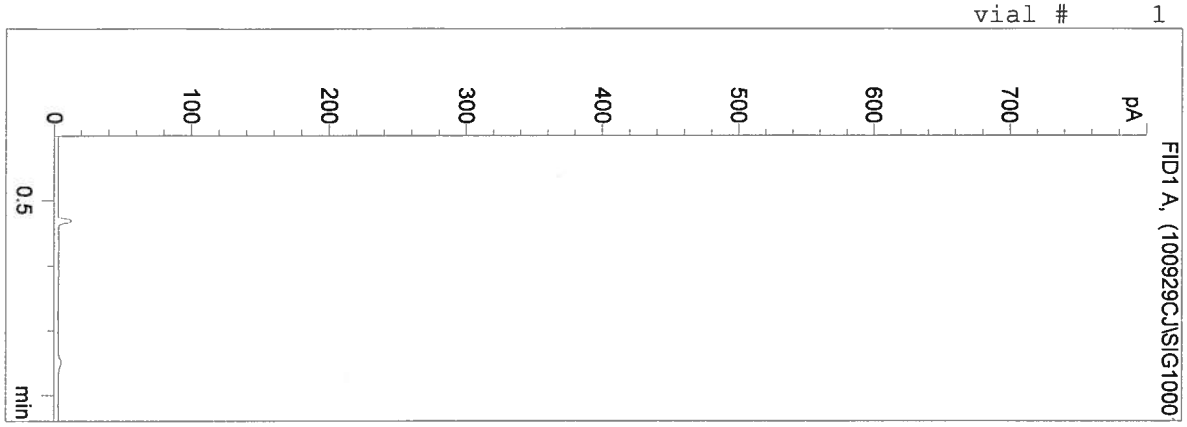
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

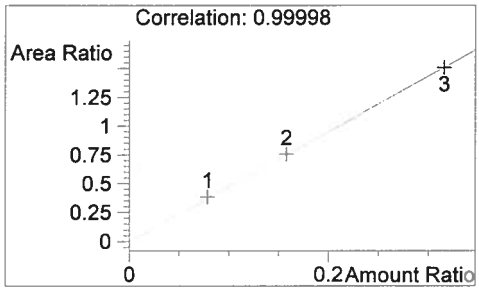
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 4:44:29 PM
Instrument 1
DB ALC 1

BLANK-CJ
Chris Johnston

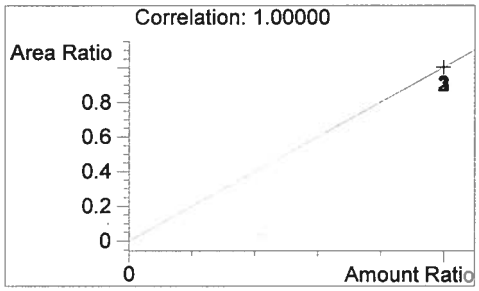
vial # 1



#	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

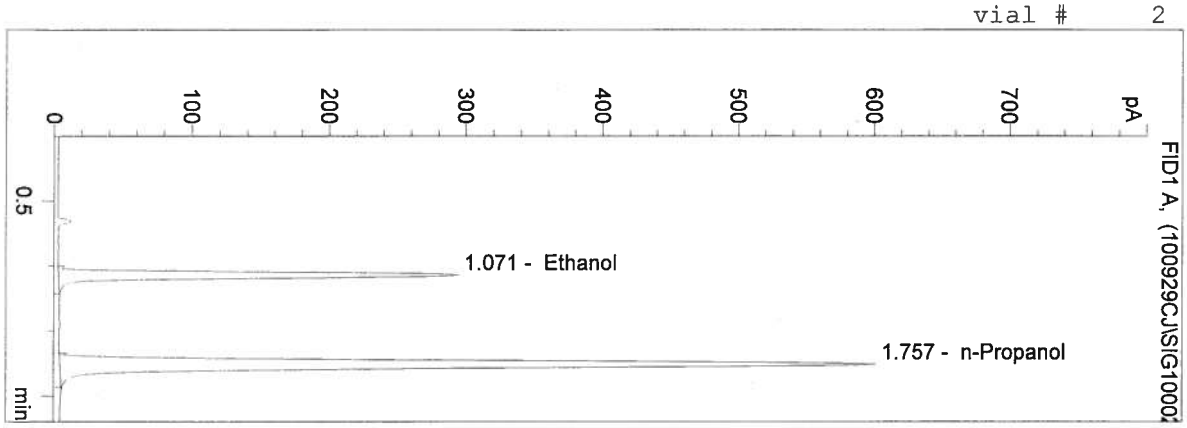
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

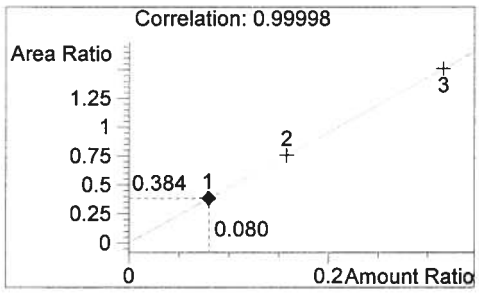
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 4:47:34 PM
Instrument 1
DB ALC 1

0.079 CAL 1
Chris Johnston

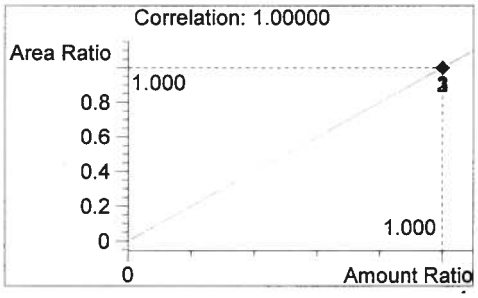
vial # 2



#	Compound	Area	RT
1	Ethanol	909	1.071
2	n-Propanol	2363	1.757
Tot			



Ethanol 0.080 g/100 mL



n-Propanol 1.000 g/100 mL

10041

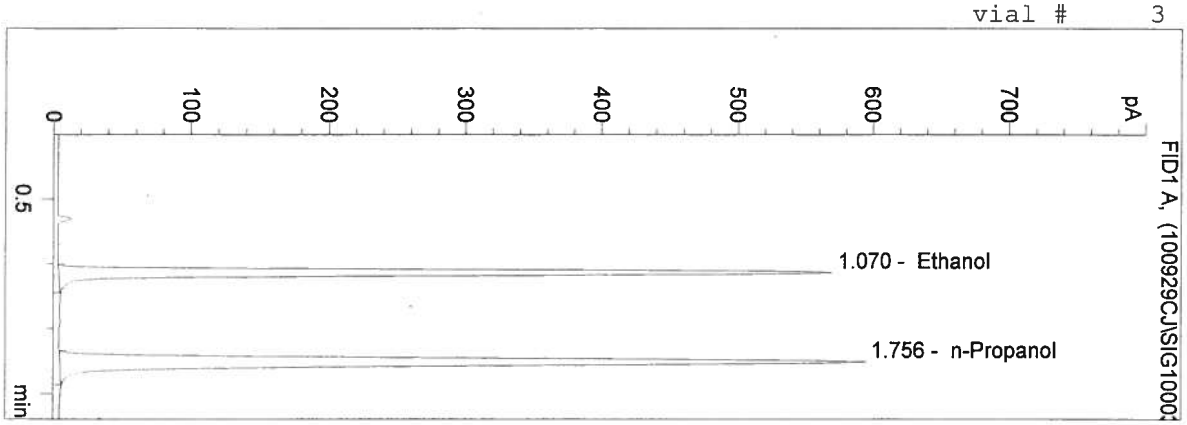
a

WASHINGTON STATE TOXICOLOGY LABORATORY

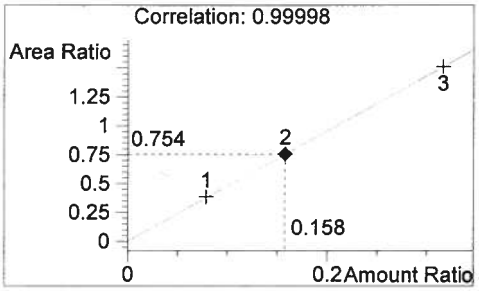
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 4:50:39 PM
Instrument 1
DB ALC 1

0.158 CAL 2
Chris Johnston

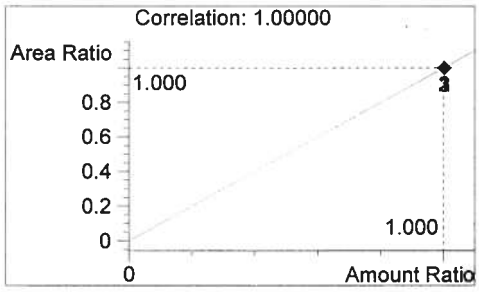
vial # 3



#	Compound	Area	RT
1	Ethanol	1756	1.070
2	n-Propanol	2330	1.756
Tot			



Ethanol 0.158 g/100 mL



n-Propanol 1.000 g/100 mL

CW

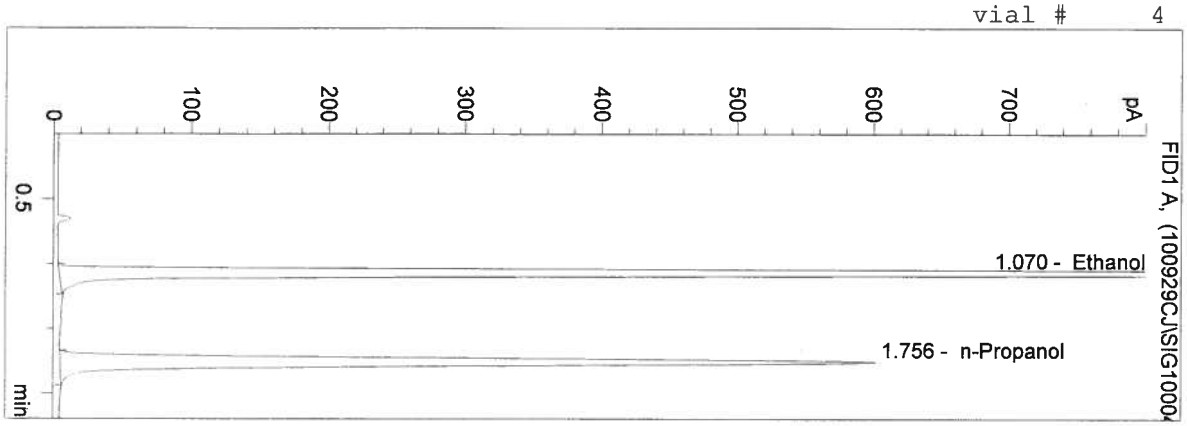
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

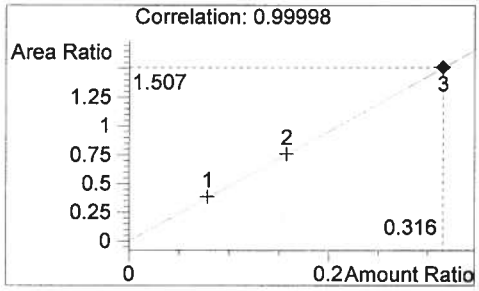
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 4:53:43 PM
Instrument 1
DB ALC 1

0.316 CAL 3
Chris Johnston

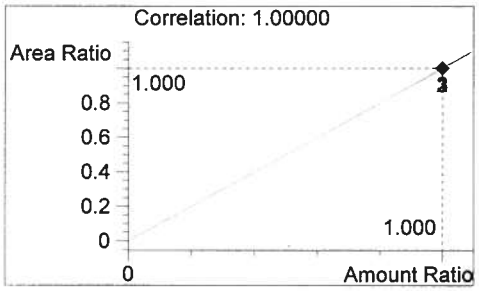
vial # 4



#	Compound	Area	RT
1	Ethanol	3559	1.070
2	n-Propanol	2362	1.756
Tot			



Ethanol 0.316 g/100 mL



n-Propanol 1.000 g/100 mL

a

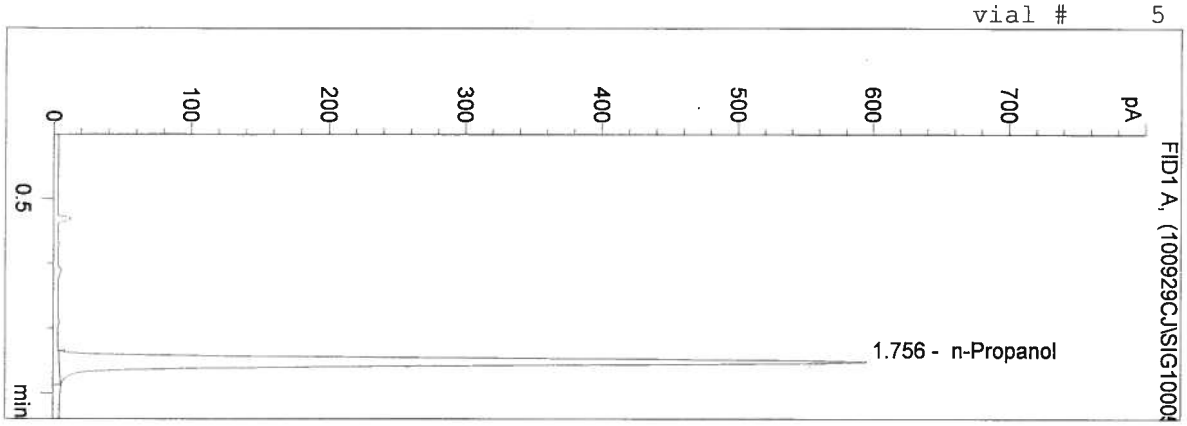
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

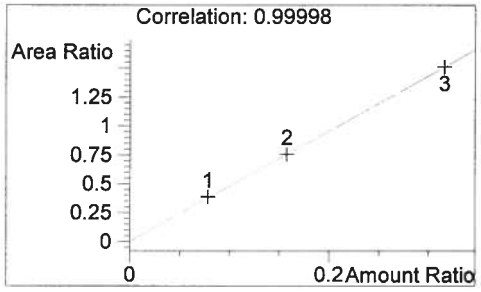
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 4:56:48 PM
Instrument 1
DB ALC 1

NEG CTRL-CJ
Chris Johnston

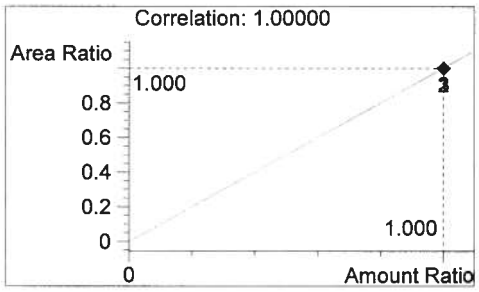
vial # 5



#	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

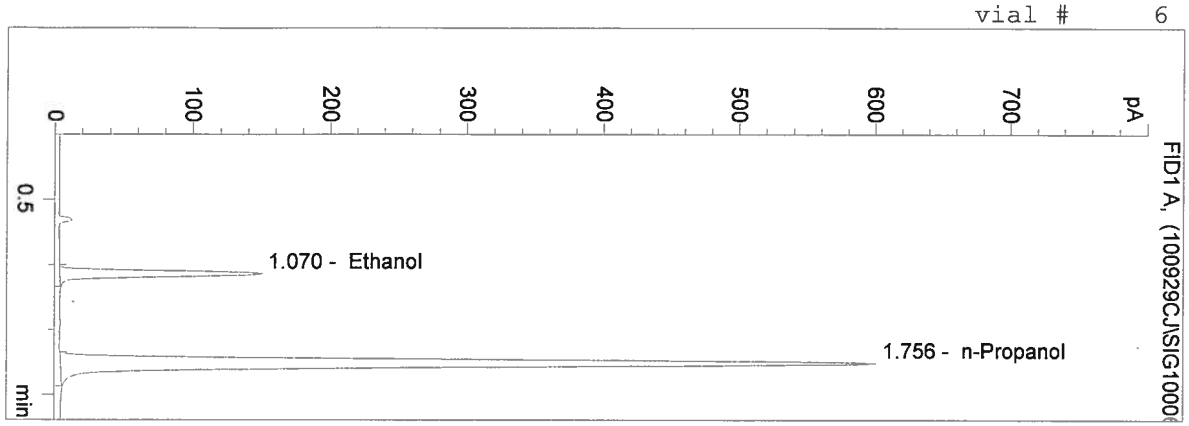
10041

WASHINGTON STATE TOXICOLOGY LABORATORY

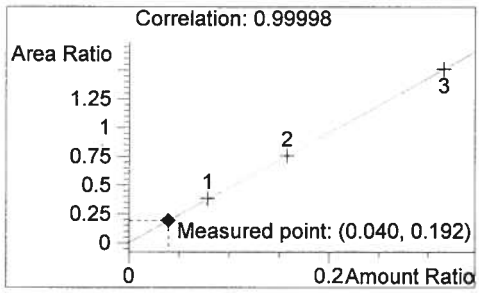
C:\HPCHEM\1\METHODS\SIMALC.M
9/29/2010 4:59:53 PM
Instrument 1
DB ALC 1

0.04 CTRL-CJ
Chris Johnston

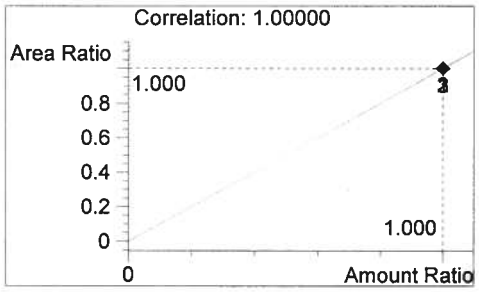
vial # 6



#	Compound	Area	RT
1	Ethanol	451	1.070
2	n-Propanol	2356	1.756
Tot			



Ethanol 0.040 g/100 mL



n-Propanol 1.000 g/100 mL

aj

10041

WASHINGTON STATE TOXICOLOGY LABORATORY

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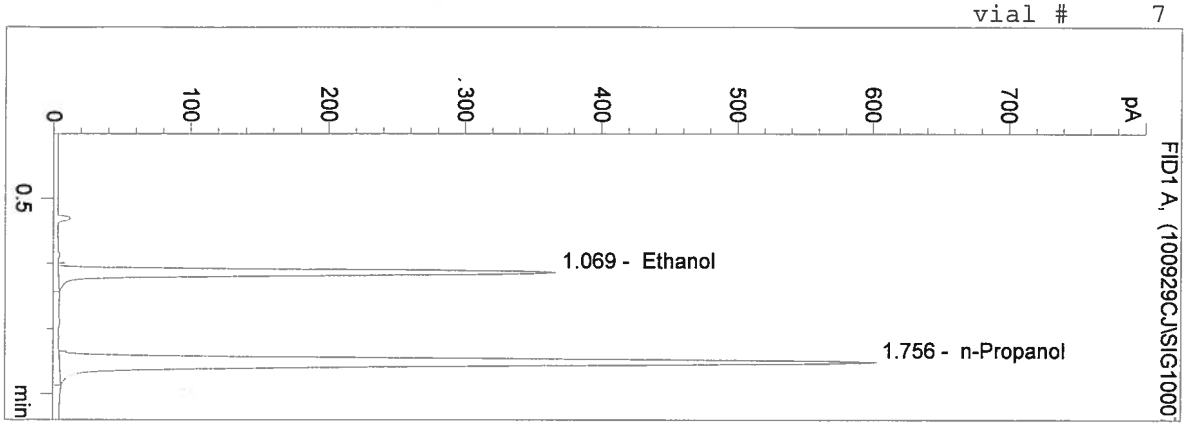
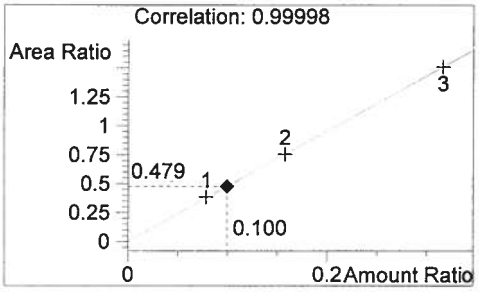
9/29/2010 5:03:01 PM
Instrument 1
DB ALC 1

0.10 CTRL-CJ
Chris Johnston

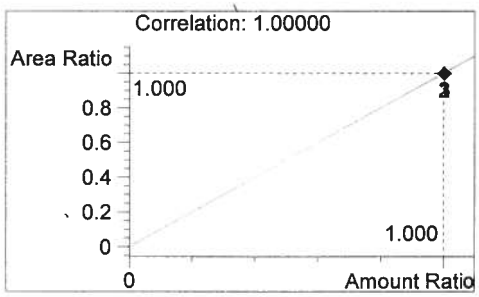
vial # 7



#	Compound	Area	RT
1	Ethanol	1132	1.069
2	n-Propanol	2363	1.756
Tot			



Ethanol 0.100 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

10041

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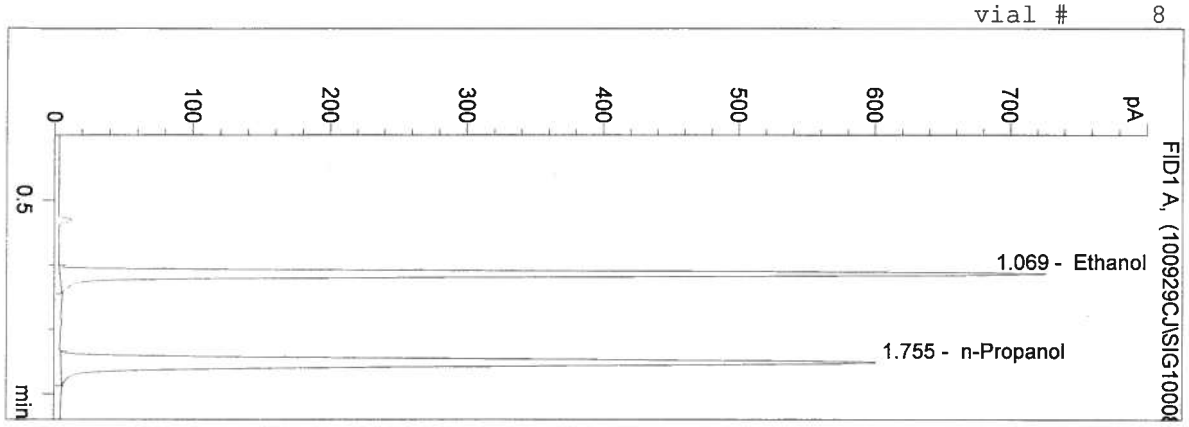
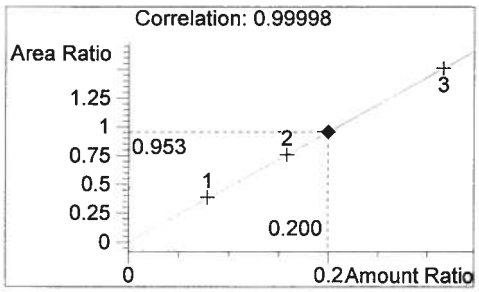
Instrument 1
DB ALC 1

0.20 CTRL-CJ
Chris Johnston

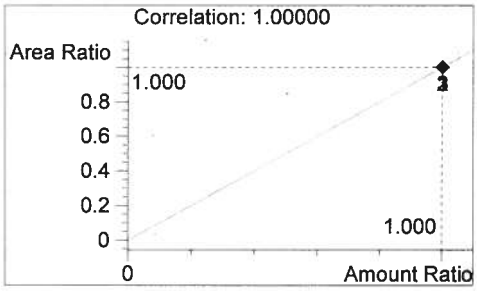
vial # 8



#	Compound	Area	RT
1	Ethanol	2241	1.069
2	n-Propanol	2351	1.755
Tot			



Ethanol 0.200 g/100 mL



n-Propanol 1.000 g/100 mL

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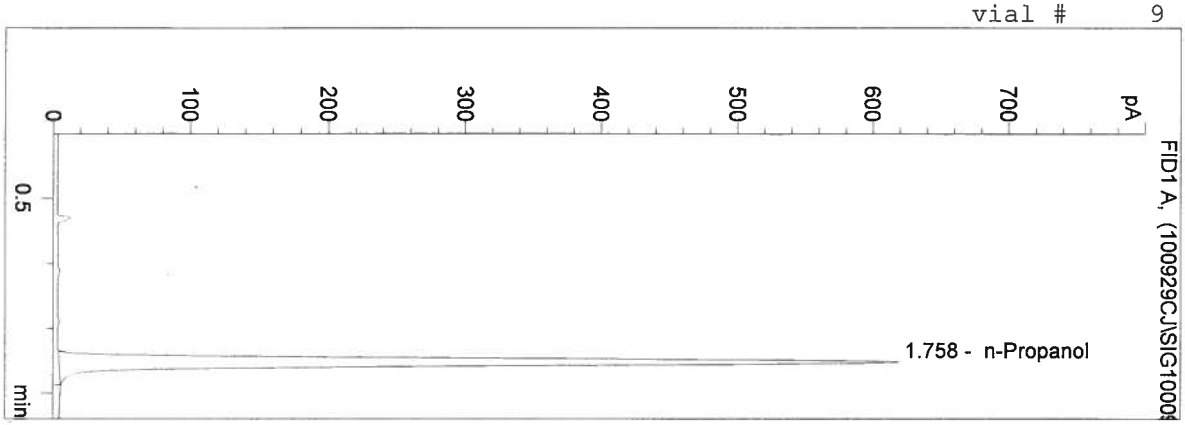
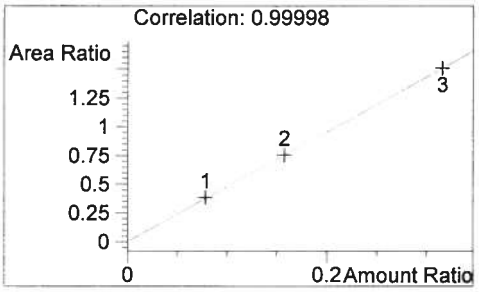
Instrument 1
DB ALC 1

NEG CTRL-CJ
Chris Johnston

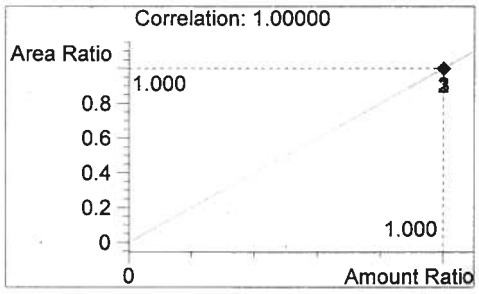
vial # 9



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2436	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

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10041

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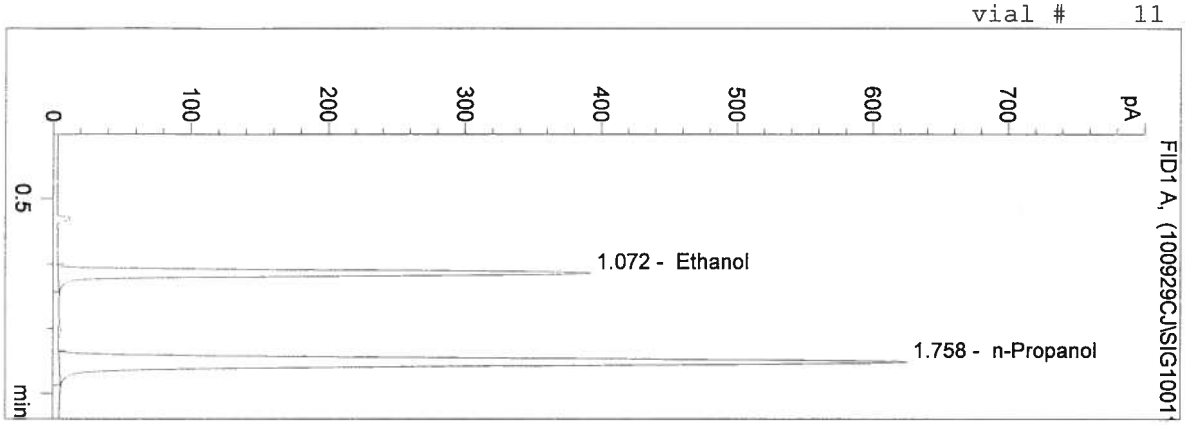
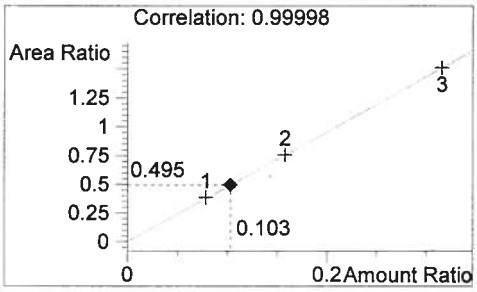
Instrument 1
DB ALC 1

10041 #1 CJ
Chris Johnston

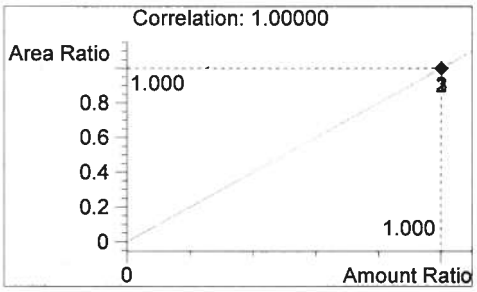
vial # 11



#	Compound	Area	RT
1	Ethanol	1219	1.072
2	n-Propanol	2462	1.758
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

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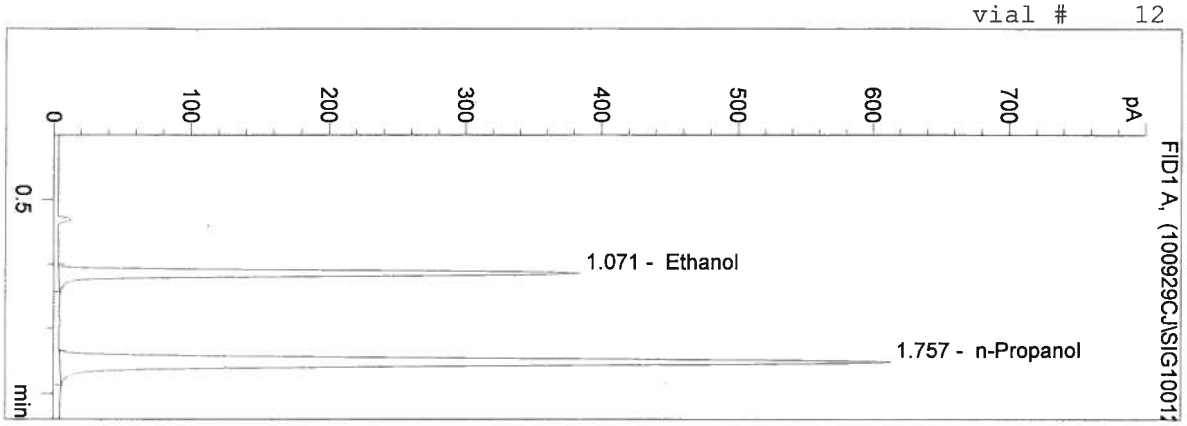
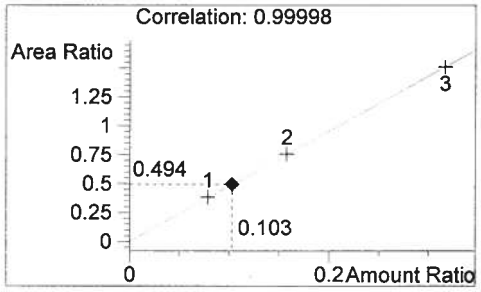
Instrument 1
DB ALC 1

10041 #2 CJ
Chris Johnston

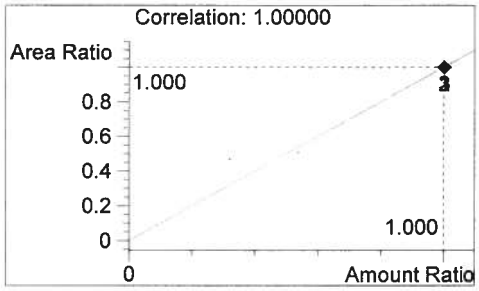
vial # 12



#	Compound	Area	RT
1	Ethanol	1188	1.071
2	n-Propanol	2407	1.757
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

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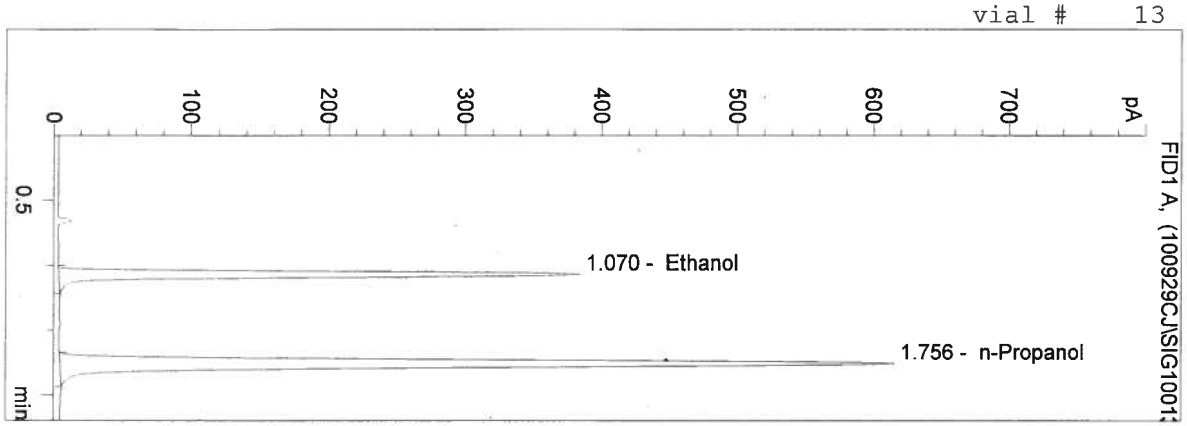
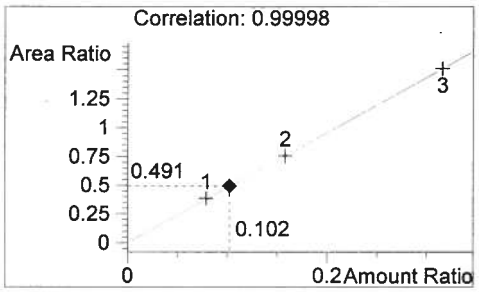
Instrument 1
DB ALC 1

10041 #3 CJ
Chris Johnston

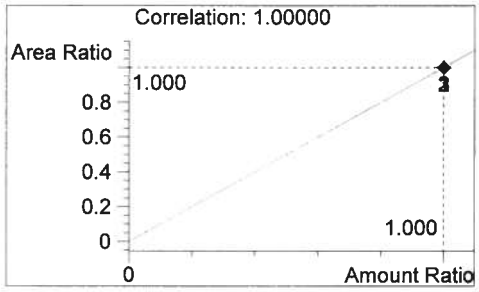
vial # 13



#	Compound	Area	RT
1	Ethanol	1186	1.070
2	n-Propanol	2418	1.756
Tot			



Ethanol 0.102 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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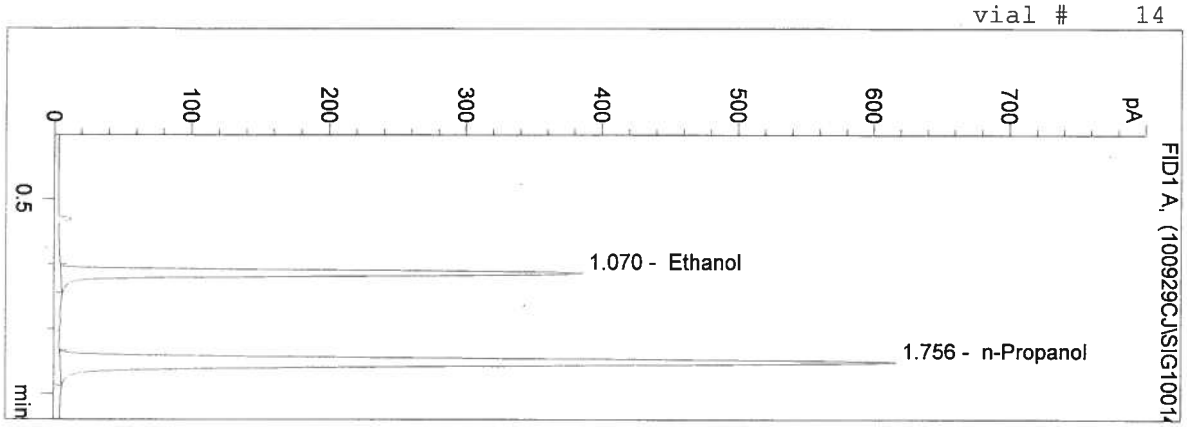
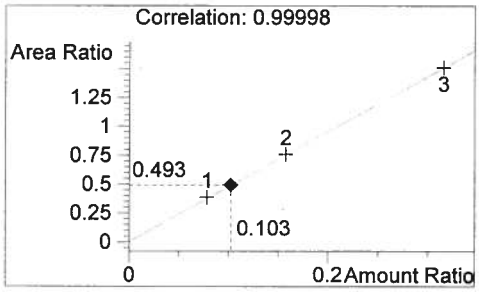
Instrument 1
DB ALC 1

10041 #4 CJ
Chris Johnston

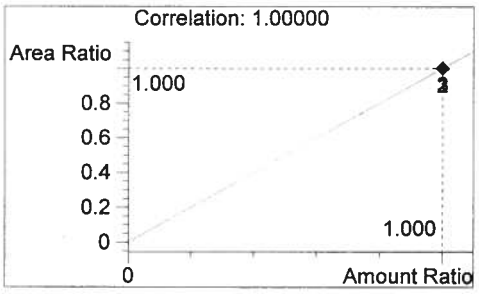
vial # 14



#	Compound	Area	RT
1	Ethanol	1196	1.070
2	n-Propanol	2427	1.756
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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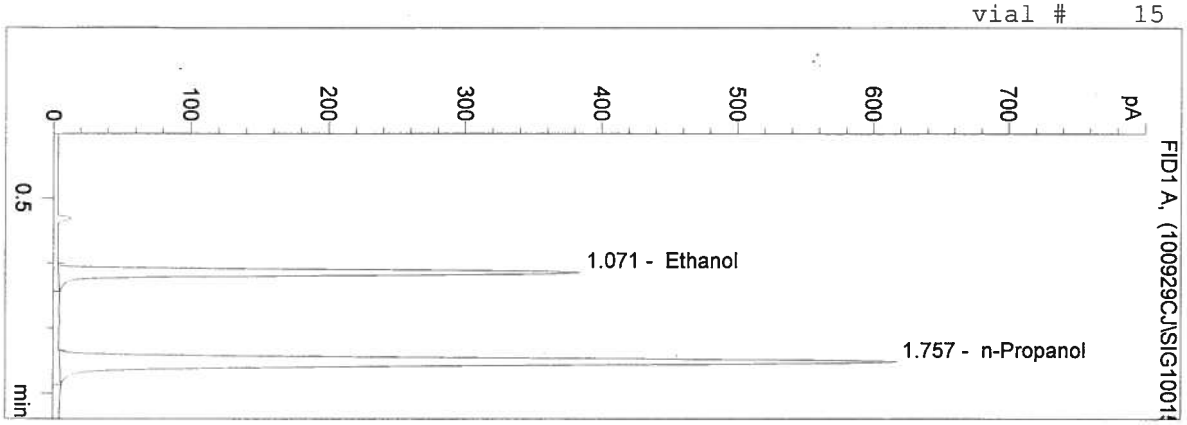
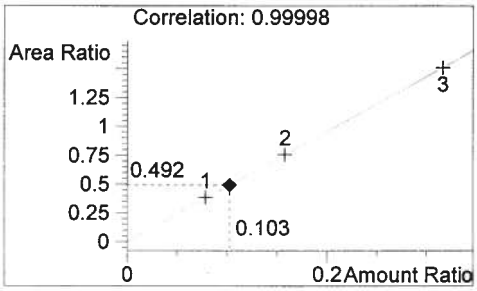
Instrument 1
DB ALC 1

10041 #5 CJ
Chris Johnston

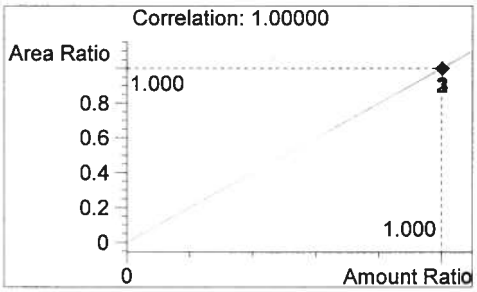
vial # 15



#	Compound	Area	RT
1	Ethanol	1196	1.071
2	n-Propanol	2432	1.757
Tot			



Ethanol 0.103 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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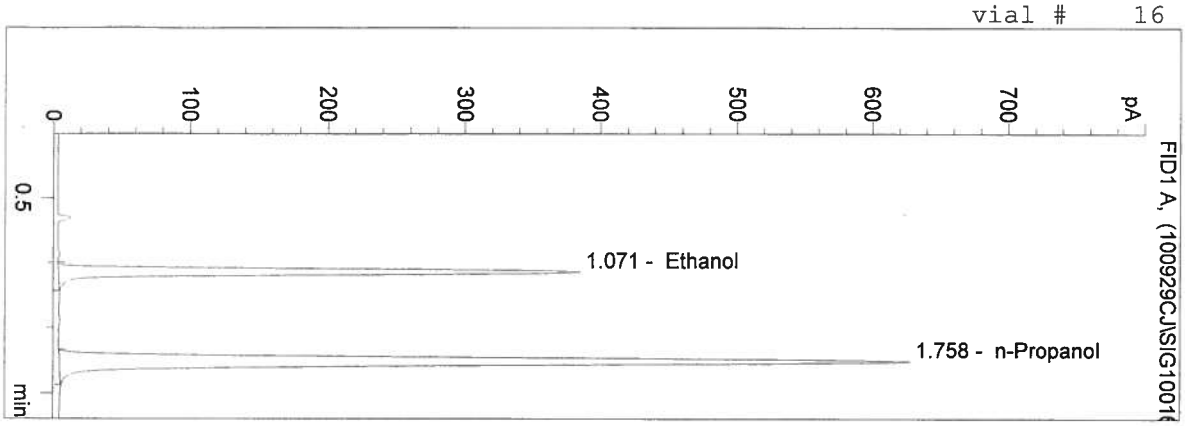
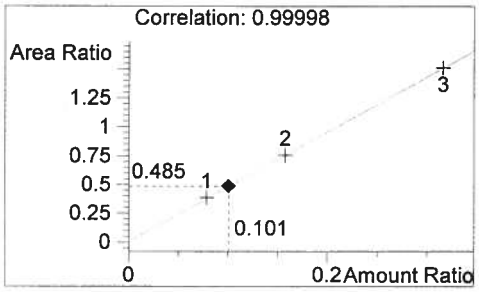
Instrument 1
DB ALC 1

0.10 CTRL-CJ
Chris Johnston

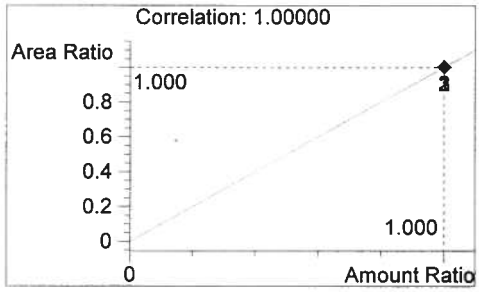
vial # 16



#	Compound	Area	RT
1	Ethanol	1198	1.071
2	n-Propanol	2471	1.758
Tot			



Ethanol 0.101 g/100 mL



n-Propanol 1.000 g/100 mL

10041

WASHINGTON STATE TOXICOLOGY LABORATORY

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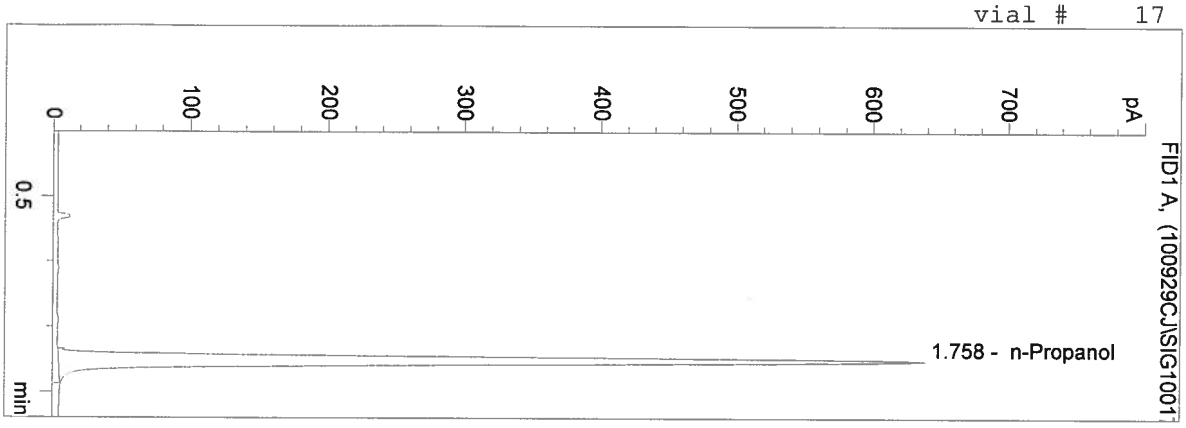
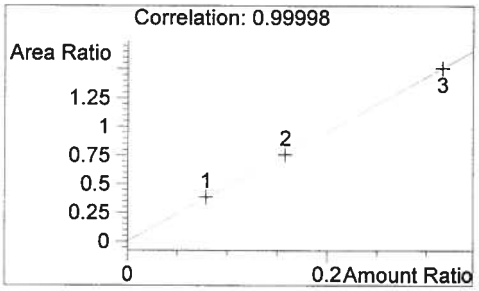
9/29/2010 5:33:45 PM
Instrument 1
DB ALC 1

BLANK-CJ
Chris Johnston

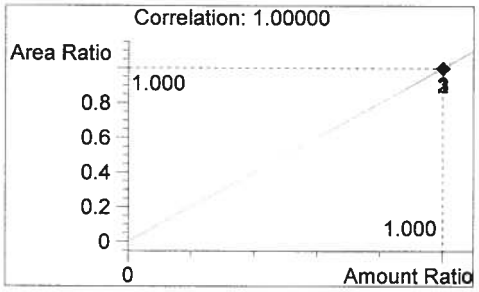
vial # 17



#	Compound	Area	RT
1	Ethanol	0	0.000
2	n-Propanol	2518	1.758
Tot			



Ethanol 0.000 g/100 mL



n-Propanol 1.000 g/100 mL

CJ

= 10041

Washington State Patrol Toxicology Laboratory Division

EXTERNAL STANDARD SOLUTION PREPARATION WORKSHEET

Batch #: 10041

Preparer: Amanda Black

Date Prepared: 9-23-2010

Expiration Date: 9-23-2011

Lot 200 Proof (100%) Ethanol Used: ZQ0777

Date 200 Proof Ethanol Opened: 9-16-2010
(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	☑

9-23-2010
Date

Analyst

9-23-2010
Date