WASHINGTON STATE TOXICOLOGY LABORATORY
SIMULATOR SOLUTION DATA ENTRY REVIEW

Reviewer/ s: KEN DENTON / ROB GULLBERG Date: 11-14-2008

Location: TOX LAB SEATTLE Solution Batch Number: 08051

	YES	NO	N/A
Preparation date precedes all analysis dates:	☒	☐	☐
Declarations signed and properly dated:	☒	☐	☐
Data entry corresponds to all chromatograms:	☒	☐	☐
All signatures present on Analysis sheet:	☒	☐	☐
Avg. solution concentration correct?:	☒	☐	☐
Standard deviation correct:	☒	☐	☐
Range correct if applicable:	☒	☐	☐
Equivalent vapor concentration correct?	☒	☐	☐
Blank Chromatograms included in file:	☒	☐	☐
External Control information correct: (lot # present and future date)	☒	☐	☐
Complies with accuracy and precision requirements established by the State Toxicologist:	☒	☐	☐
CV% Correct?	☒	☐	☐
Reviewed for outliers per policy and none found?	☒	☐	☐

Comments:

Reviewer Signature: R L Gullberg Date: 11-14-2008

Reviewer Signature: K L D Date: 11/14/2008

Rev. Date: 2/14/2008

WASHINGTON STATE PATROL - TOXICOLOGY LABORATORY DIVISION

QAP Solution Calibration Certificate

Batch Number:	08051	Target Vapor Concentration:	0.08 g/210L
Prepared By:	Christopher S. Johnston	Date Prepared:	11/3/2008

Concentration of ethanol (g/100mL) measured by gas chromatography:

	CSJ	SS	GS
1	0.098	0.099	0.099
2	0.099	0.099	0.100
3	0.098	0.100	0.099
4	0.099	0.099	0.099
5	0.098	0.099	0.100
C	0.099	0.099	0.100

Analyst	Name	Signature	Date Tested
CSJ	Christopher S. Johnston		11/3/2008
SS	Sarah M. Swenson		11/4/2008
GS	Gwynyth Scherperel		11/7/2008

External Control(s):

Lot Num	Exp Date	Target Conc	User List
A056938	04 / 2012	0.10 g/100mL	DEFAULT
A059621	08 / 2012	0.10 g/100mL	GS

Statistics:

Avg. Solution Conc.	0.0990 g/100mL	Precision CV (%)	0.66
Std. Deviation (SD)	0.00065	Number of Tests (N)	15
Range (3.8xSD)	0.0965 to 0.1015	Equivalent Vapor Conc.	**0.0805** g/210L

Final Review by: _____ Review/Issue Date: 11/25/08

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 QAP SOLUTION CERTIFICATION FOR LOT 08051

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 qap solution, Lot Number 08051, was prepared in the Washington State Toxicology Laboratory on 11/3/2008. 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 11/3/2009.

Seattle, WA

Christopher S. Johnston 11/14/2008

Christopher S. Johnston Date

Forensic Toxicologist

CSJ/ik

CHRISTINE O. GREGOIRE
Governor

JOHN R. BATISTE
Chief

STATE OF WASHINGTON
WASHINGTON STATE PATROL
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2203 Airport Way South, Suite 360 • Seattle, Washington 98134-2927 • (206) 262-6100 • FAX (206) 262-6145

DATAMASTER 0.08 QAP SOLUTION CERTIFICATION FOR LOT 08051

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 five years of experience in forensic toxicology.

The qap solution, Lot Number 08051, was prepared in the Washington State Toxicology Laboratory on 11/3/2008. 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 11/3/2009.

Seattle, WA

11/14/08

Sarah M. Swenson Date

Forensic Toxicologist

SS/ik

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 QAP SOLUTION CERTIFICATION FOR LOT 08051

I, Gwynyth Scherperel, do certify under penalty of perjury that:

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

I possess the following qualifications: BS degree in Chemistry, MS degrees in Chemistry and Forensic Science.

The qap solution, Lot Number 08051, was prepared in the Washington State Toxicology Laboratory on 11/3/2008. 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 11/3/2009.

Seattle, WA

Gwynyth Scherperel 11/14/08

Gwynyth Scherperel Date
Forensic Toxicologist

GS/ik

Washington State Patrol Toxicology Laboratory Division

SOLUTION CERTIFICATE REVIEW

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

Please initial and date below to affirm that you have:

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

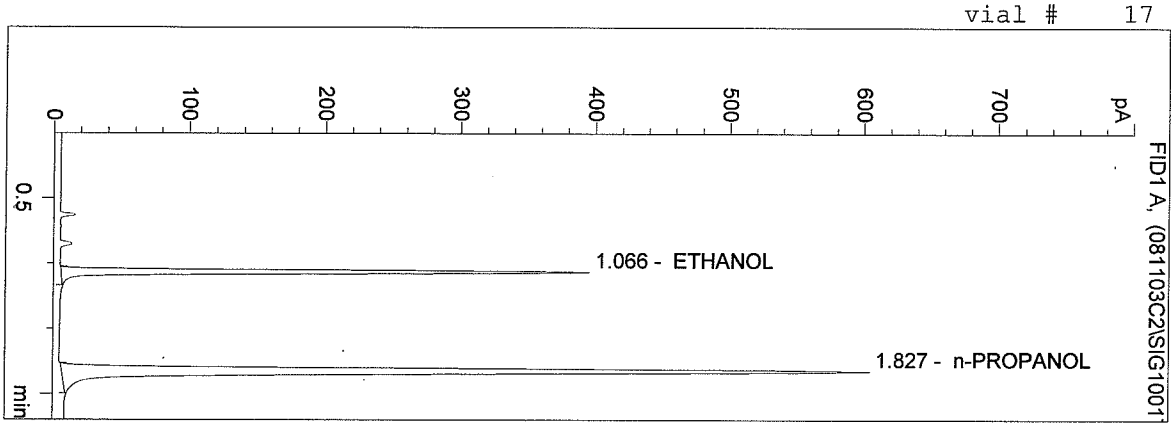
	Initials	Date
Amanda Black		
Asa Louis		
Brian Capron		
Brianna Peterson		
Brianne Akins		
Brittany Ball		
Christie Mitchell		
Christopher Johnston	CJ	11/13/08; 11/14/08
Estuardo Miranda		
Gwynyth Scherperel	GS	11/13/08 / 11/14/08
Justin Knoy		
Lisa Noble		
Melissa Pemberton		
Naziha Nuwayhid		
Rebecca Flaherty		
Sarah Swenson	SMS	11/14/08

WASHINGTON STATE TOXICOLOGY LABORATORY

C:\HPCHEM\2\METHODS\SIMALC.M
11/3/2008 9:05:43 PM
Instrument 3
db-alc2

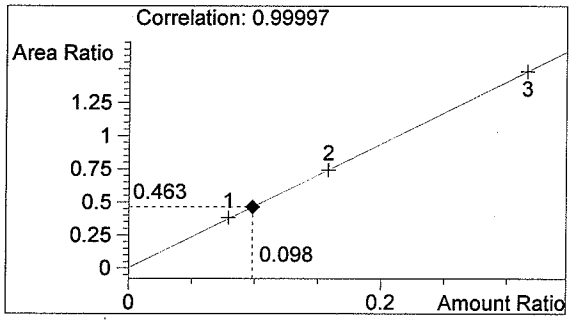
08051 #1
CHRIS JOHNSTON

vial # 17

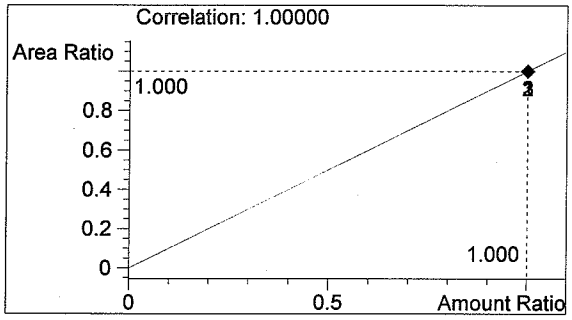


#	Compound	Area	RT
1	ETHANOL	784	1.066
2	n-PROPANOL	1693	1.827

Totals:



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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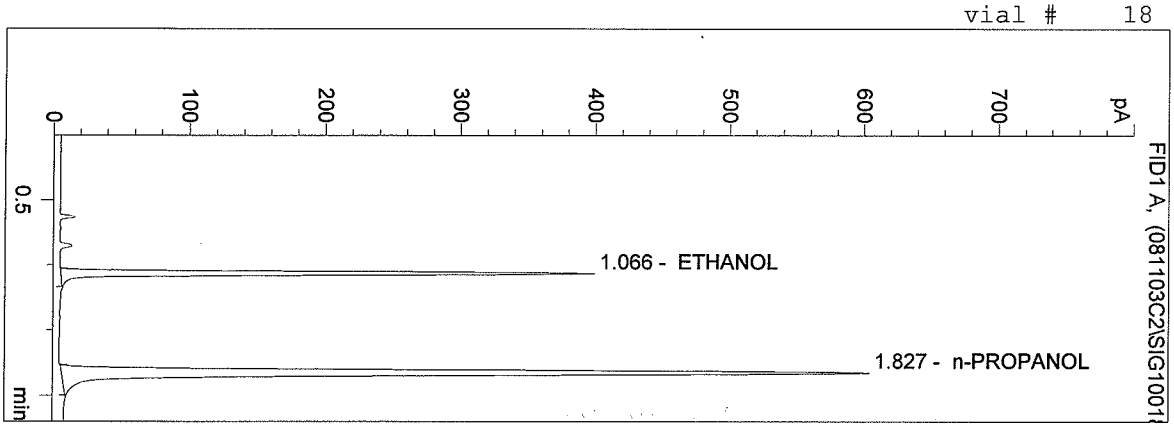
Instrument 3
db-alc2

08051 #2
CHRIS JOHNSTON

vial # 18



#	Compound	Area	RT
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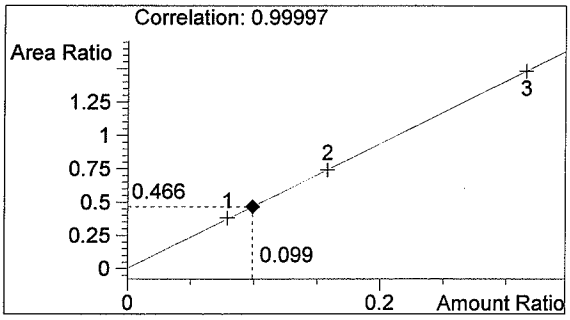
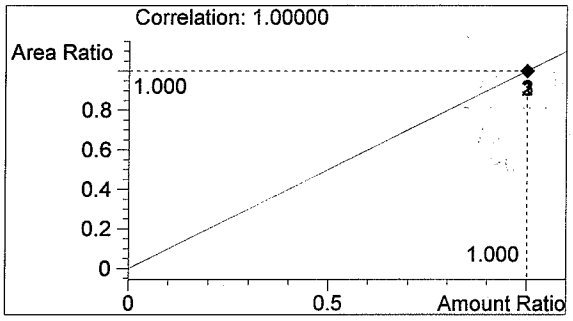
2	n-PROPANOL	1690	1.827

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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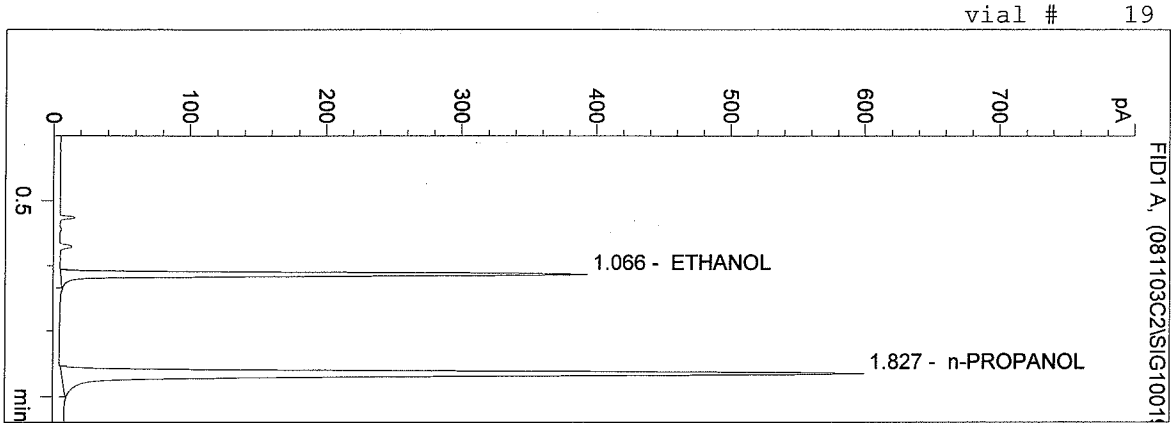
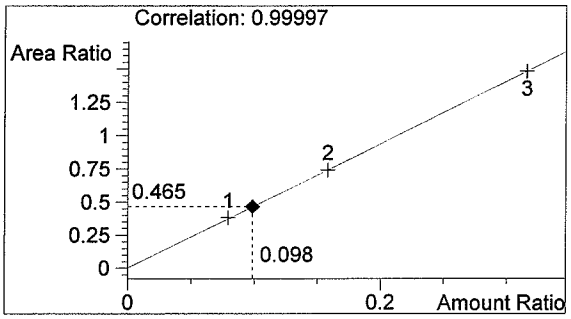
Instrument 3
db-alc2

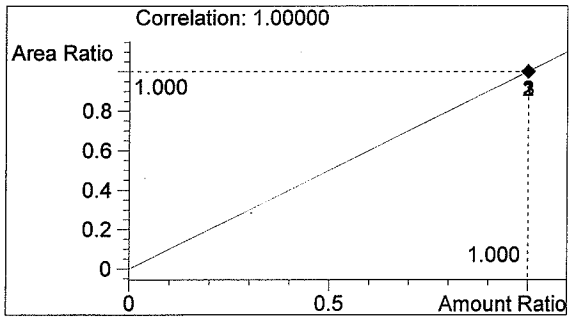
08051 #3
CHRIS JOHNSTON
vial # 19



#	Compound	Area	RT
1	ETHANOL	782	1.066
2	n-PROPANOL	1684	1.827
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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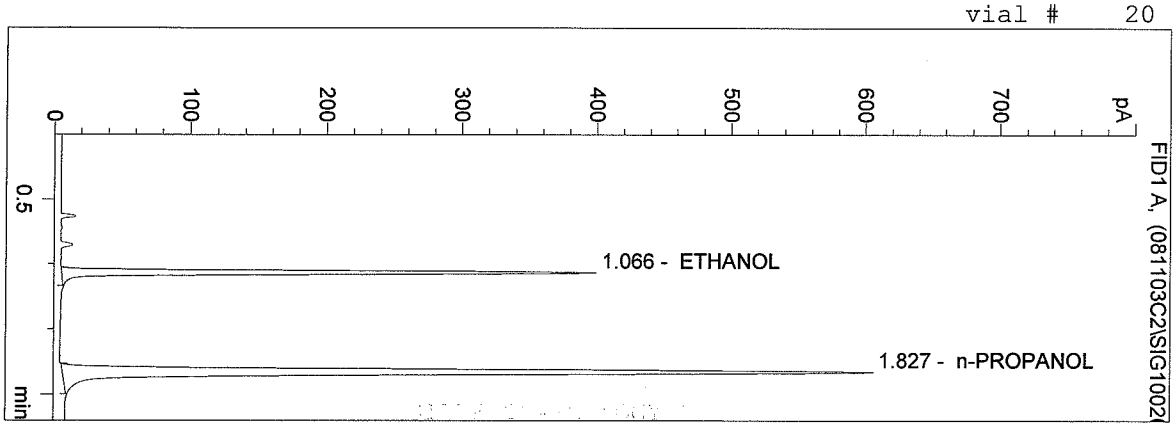
11/3/2008 9:15:05 PM
Instrument 3
db-alc2

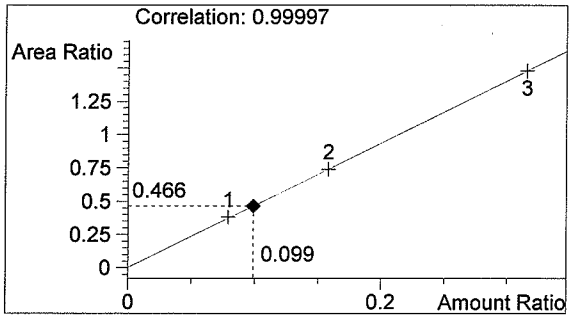
08051 #4
CHRIS JOHNSTON

vial # 20

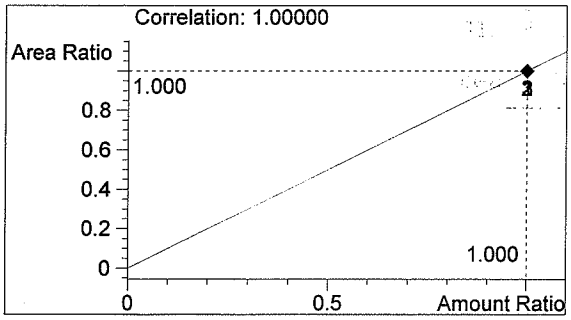


#	Compound	Area	RT
1	ETHANOL	792	1.066
2	n-PROPANOL	1698	1.827

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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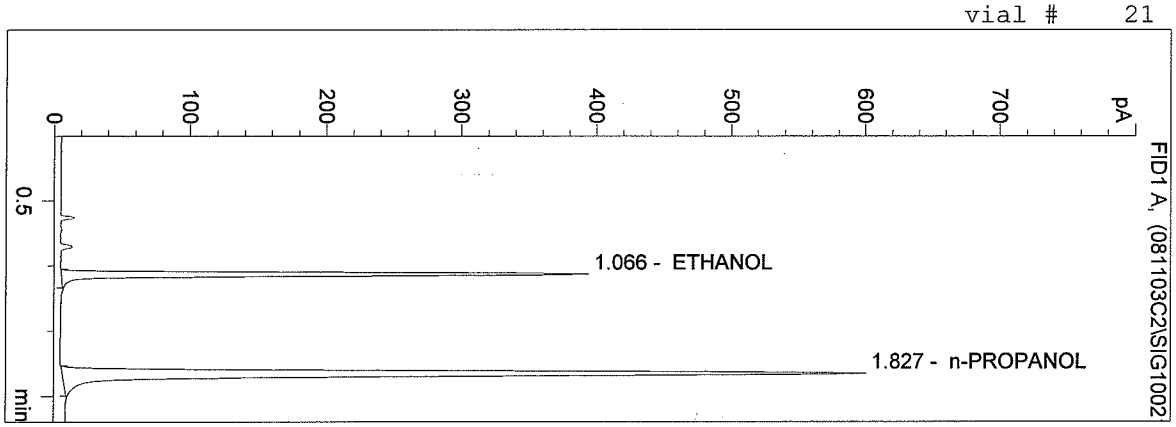
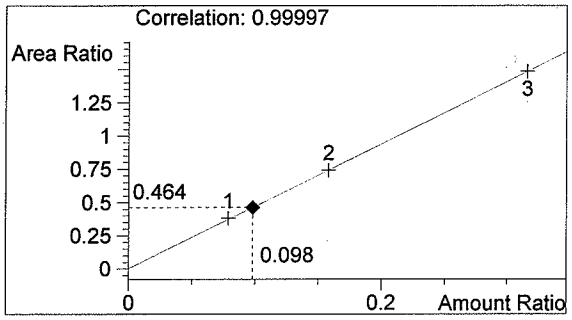
Instrument 3
db-alc2

08051 #5
CHRIS JOHNSTON

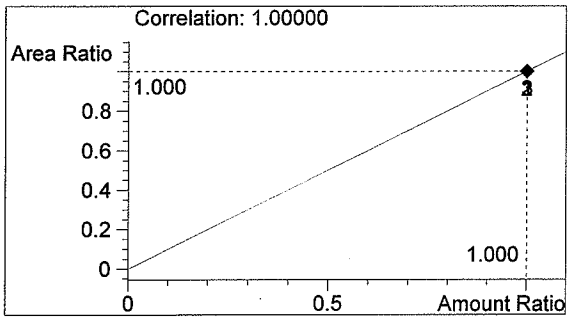
vial # 21



#	Compound	Area	RT
1	ETHANOL	780	1.066
2	n-PROPANOL	1682	1.827
Totals:			



ETHANOL 0.098 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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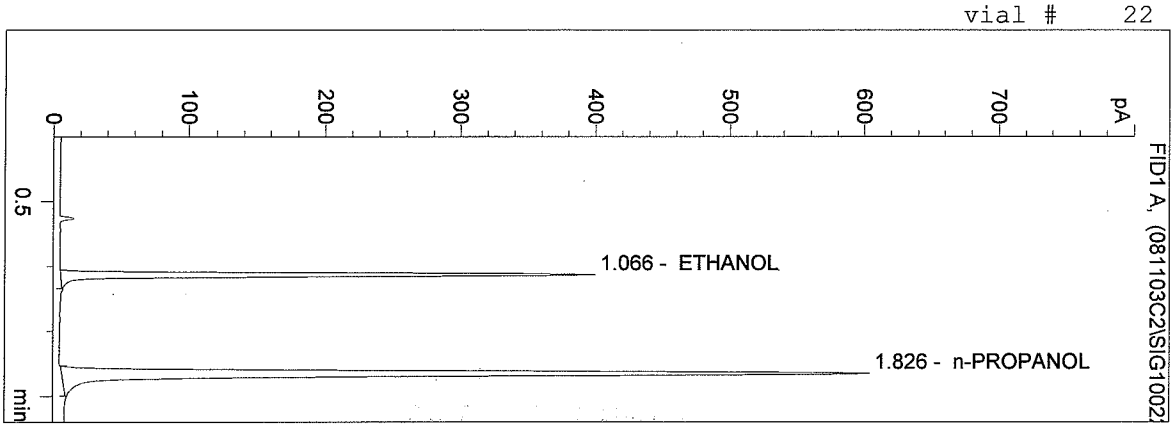
Instrument 3
db-alc2

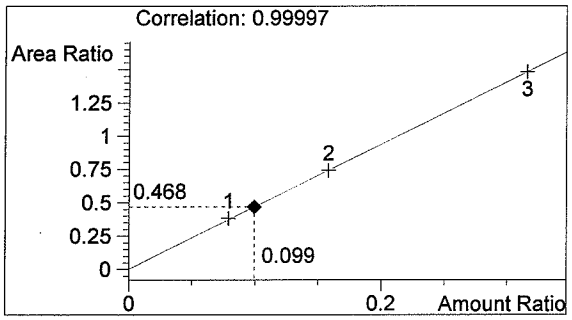
0.10 CONTROL-CJ
CHRIS JOHNSTON

vial # 22

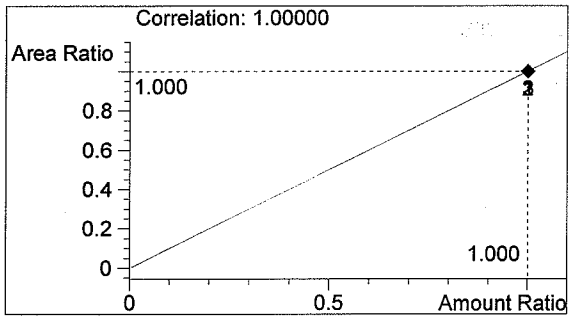


#	Compound	Area	RT
1	ETHANOL	791	1.066
2	n-PROPANOL	1689	1.826

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

CJ

WASHINGTON STATE TOXICOLOGY LABORATORY

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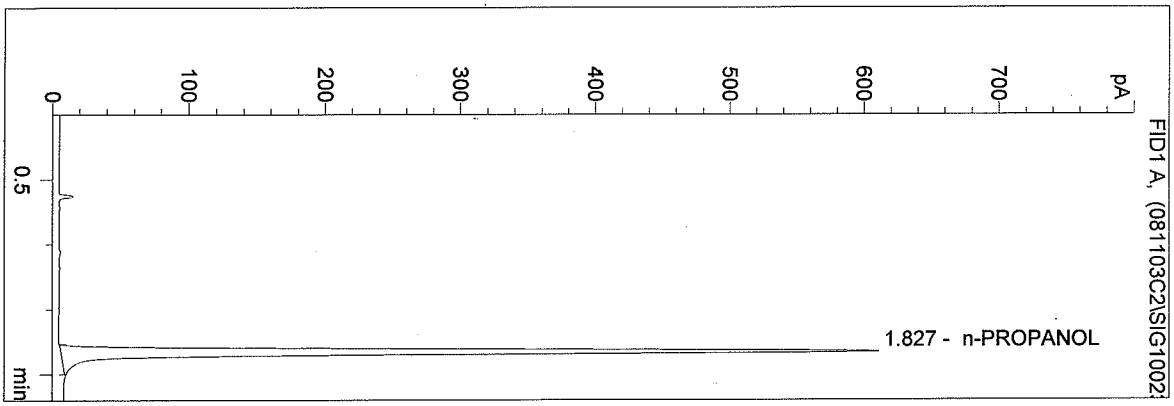
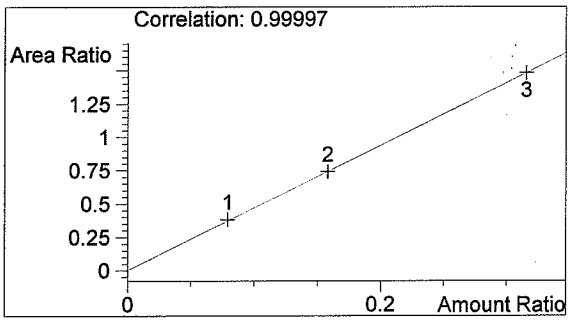
11/3/2008 9:24:26 PM
Instrument 3
db-alc2

NEG CONTROL-CJ
CHRIS JOHNSTON

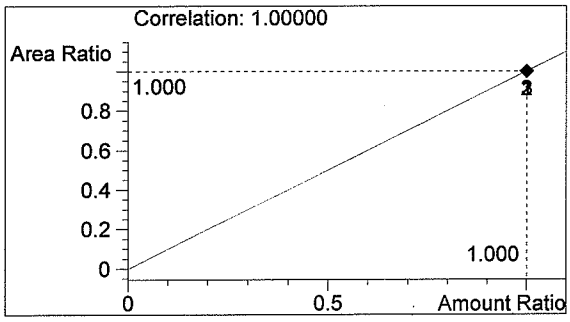
vial # 23



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1710	1.827
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

WASHINGTON STATE TOXICOLOGY LABORATORY

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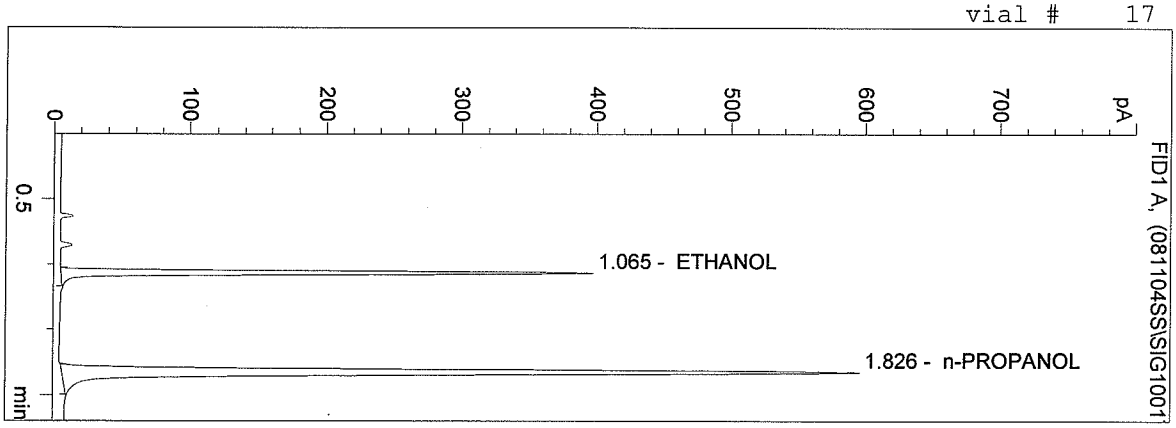
11/4/2008 4:54:59 PM
Instrument 3
db-alc2

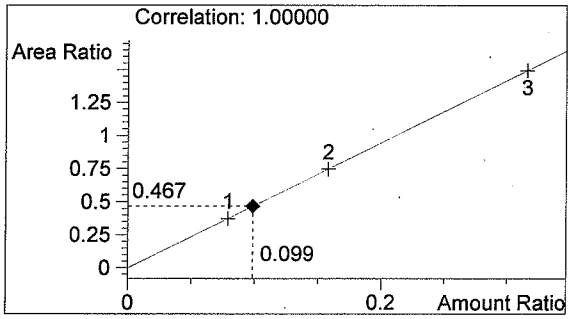
08051 #1
Sarah Swenson

vial # 17

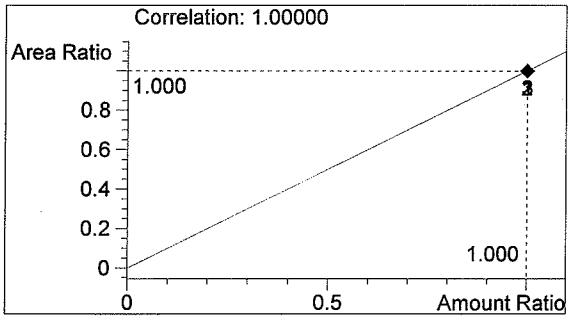


#	Compound	Area	RT
1	ETHANOL	777	1.065
2	n-PROPANOL	1666	1.826

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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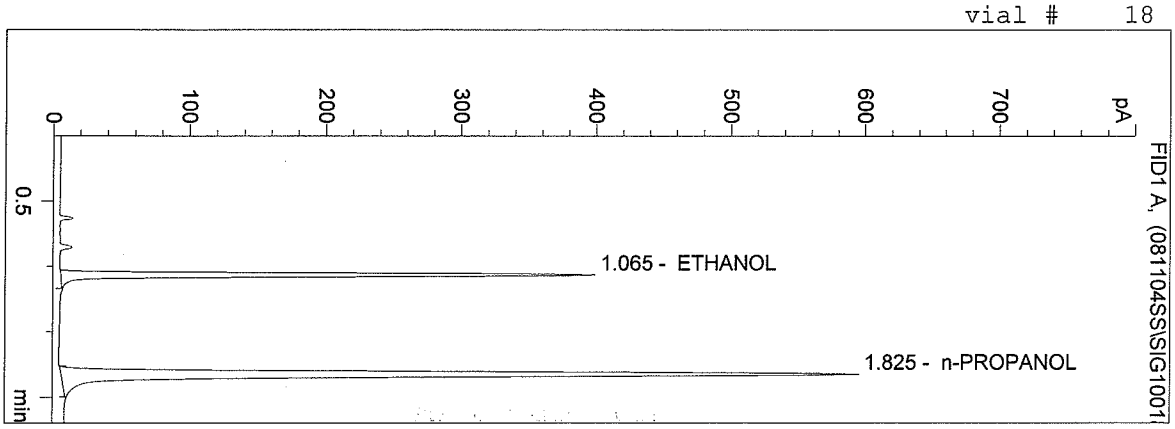
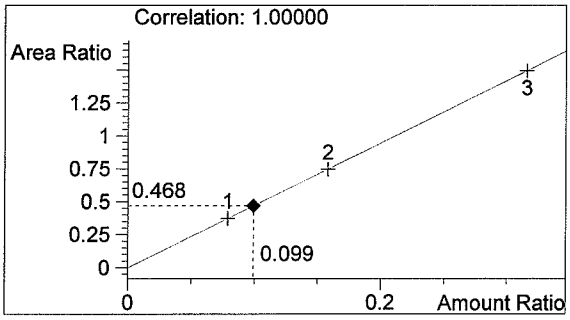
11/4/2008 4:58:06 PM
Instrument 3
db-alc2

08051 #2
Sarah Swenson
vial # 18

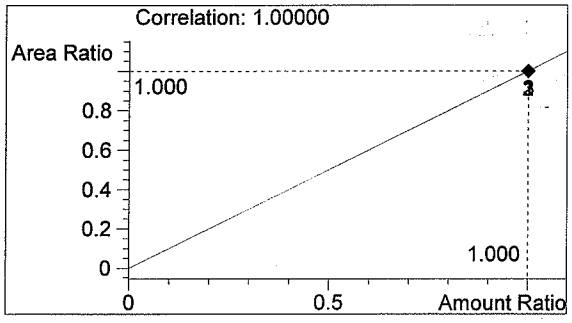


#	Compound	Area	RT
1	ETHANOL	781	1.065
2	n-PROPANOL	1670	1.825

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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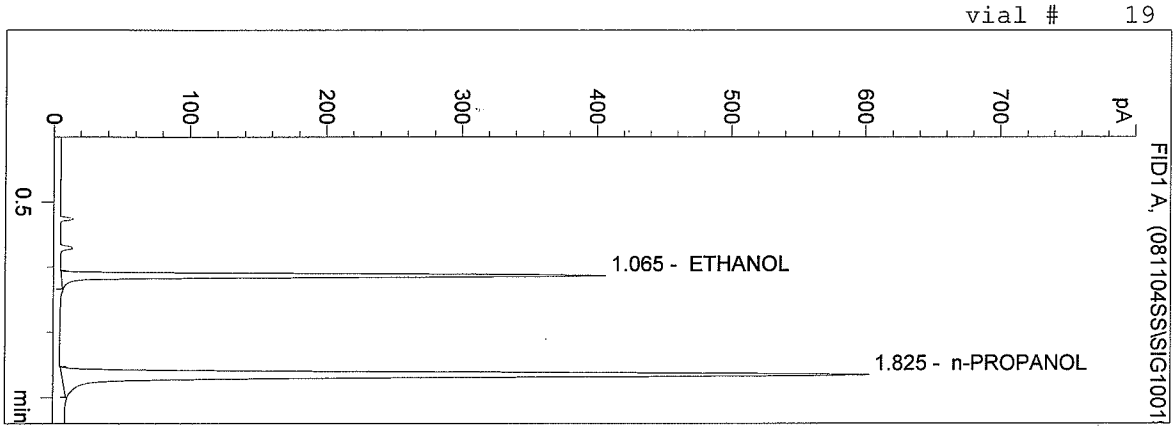
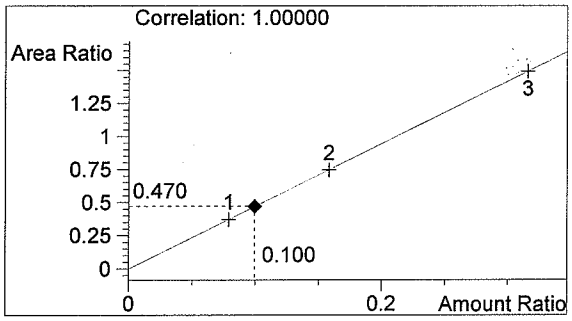
11/4/2008 5:01:14 PM 08051 #3
Instrument 3 Sarah Swenson
db-alc2
vial # 19

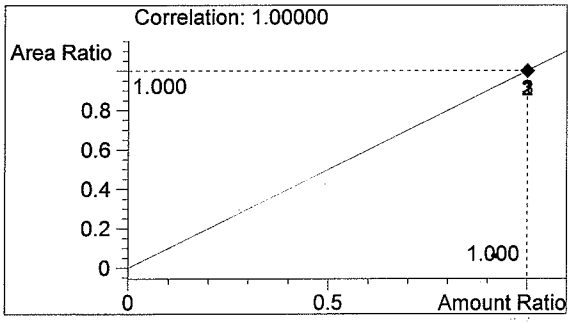


#	Compound	Area	RT
1	ETHANOL	793	1.065
2	n-PROPANOL	1687	1.825

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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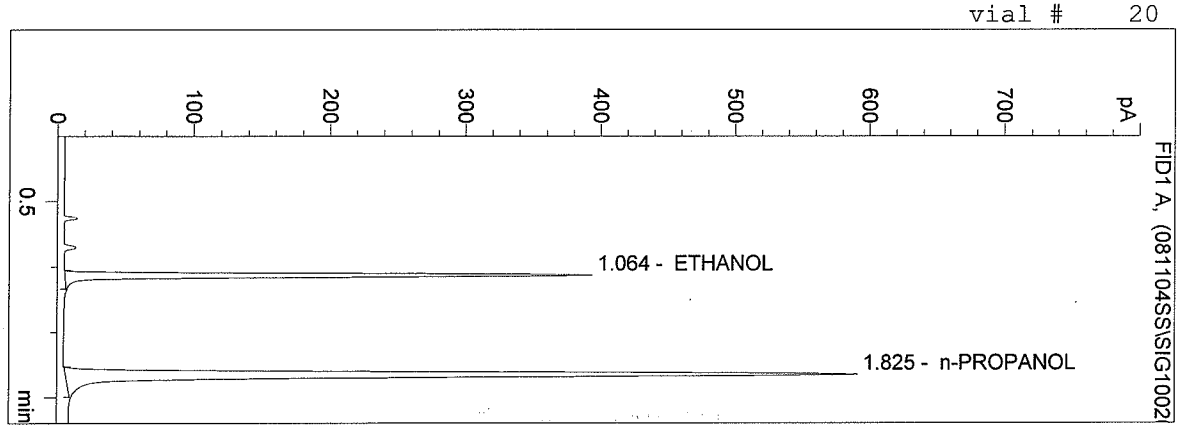
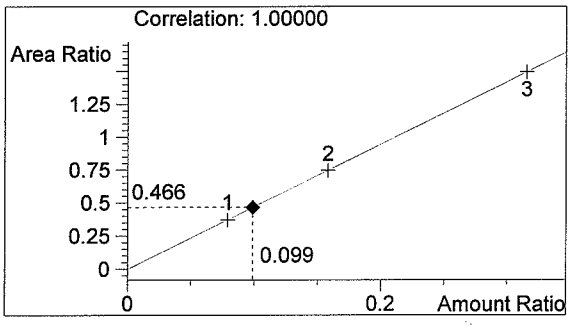
11/4/2008 5:04:21 PM
Instrument 3
db-alc2

08051 #4
Sarah Swenson

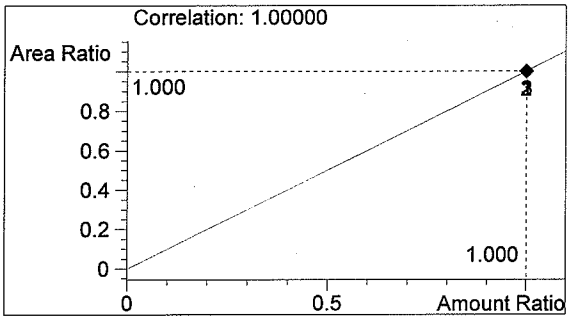
vial # 20



#	Compound	Area	RT
1	ETHANOL	771	1.064
2	n-PROPANOL	1655	1.825
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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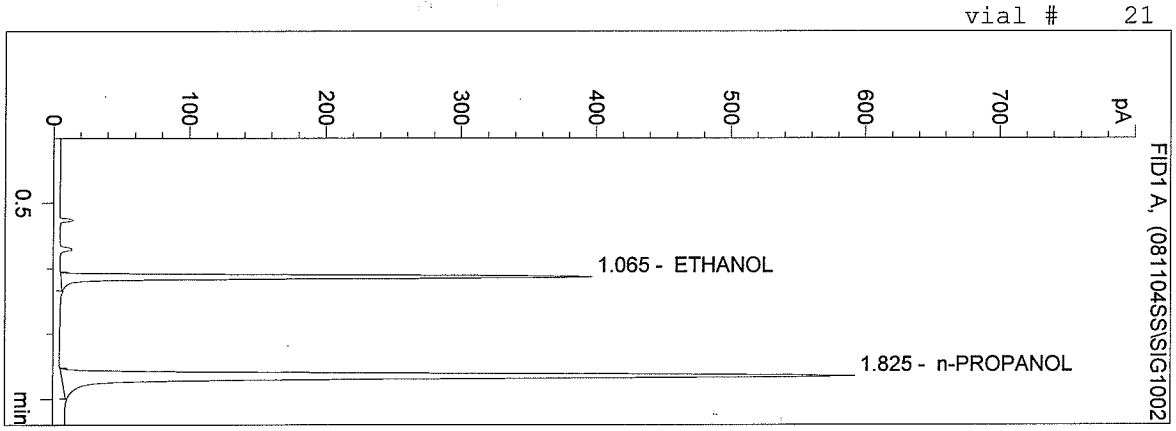
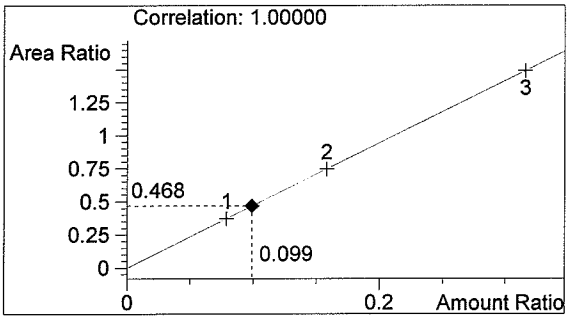
Instrument 3
db-alc2

08051 #5
Sarah Swenson

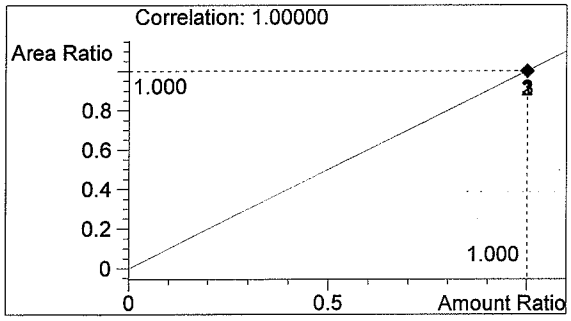
vial # 21



#	Compound	Area	RT
1	ETHANOL	775	1.065
2	n-PROPANOL	1657	1.825
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

SMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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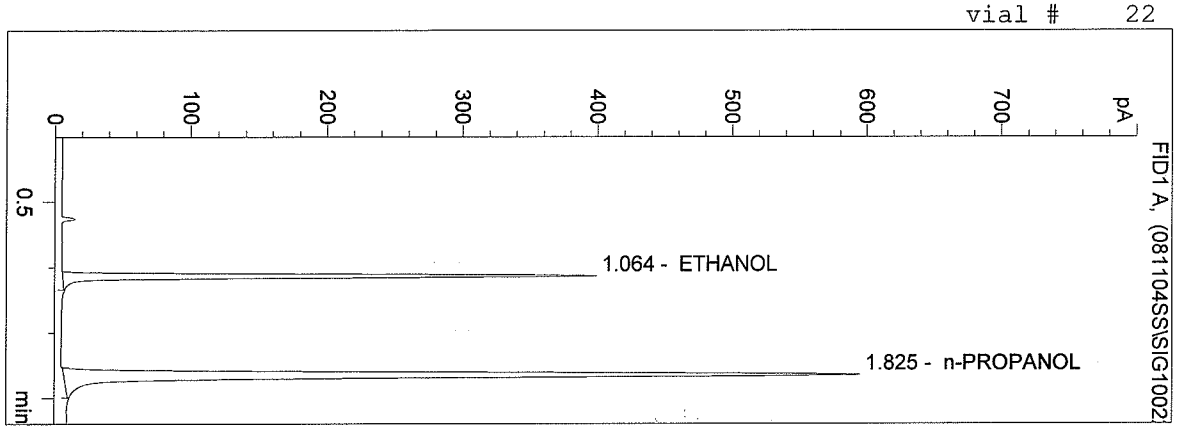
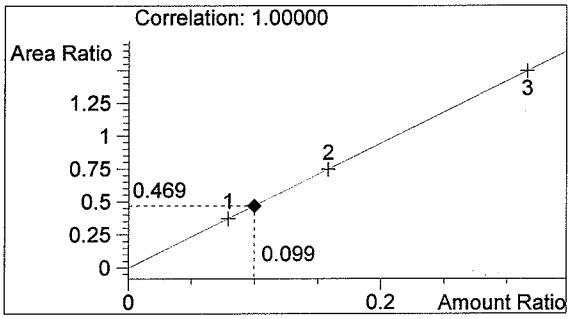
11/4/2008 5:10:35 PM
Instrument 3
db-alc2

0.10 CONTROL-SS
Sarah Swenson

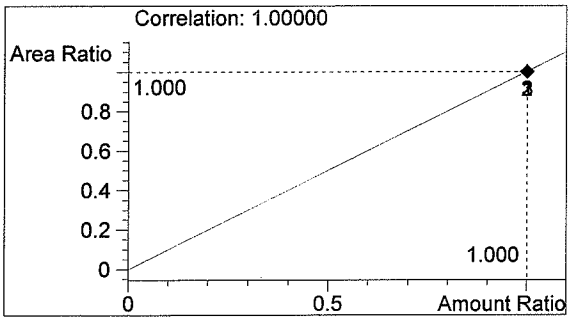
vial # 22



#	Compound	Area	RT
1	ETHANOL	780	1.064
2	n-PROPANOL	1662	1.825
Totals:			



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

GLS

WASHINGTON STATE TOXICOLOGY LABORATORY

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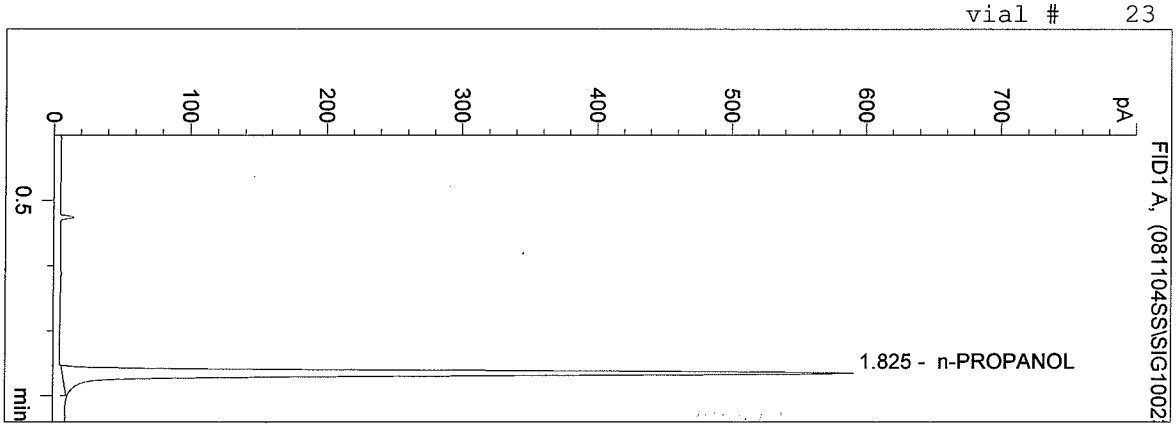
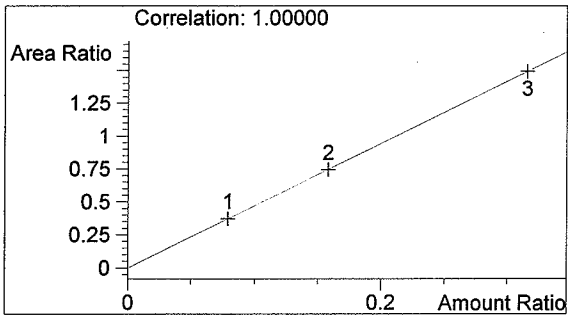
Instrument 3
db-alc2

NEG CONTROL-SS
Sarah Swenson

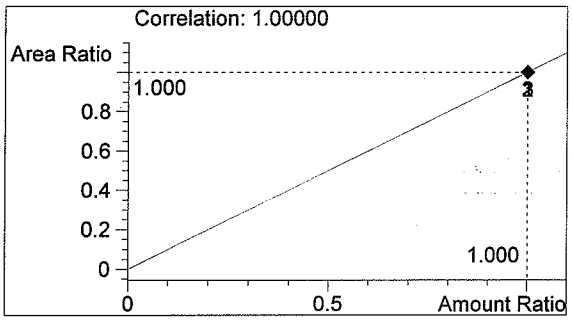
vial # 23



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1650	1.825
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

GMS

WASHINGTON STATE TOXICOLOGY LABORATORY

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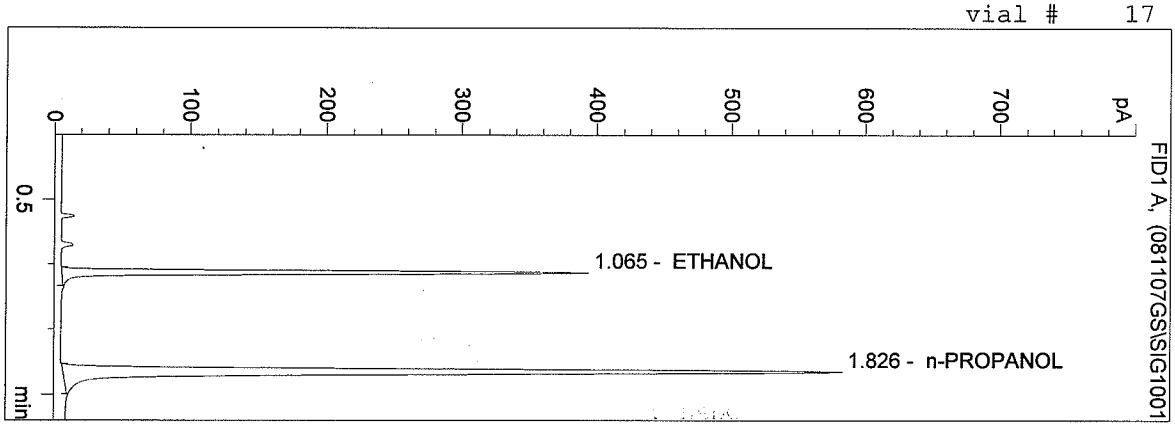
Instrument 3
db-alc2

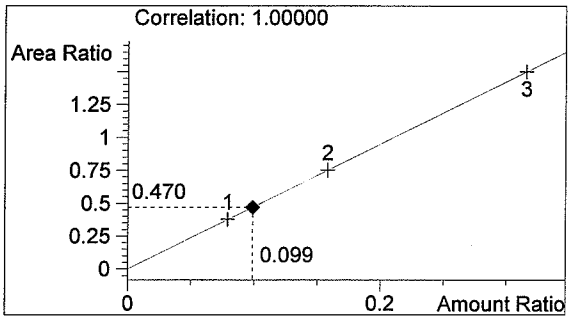
08051 #1
Gwynyth Scherperel

vial # 17

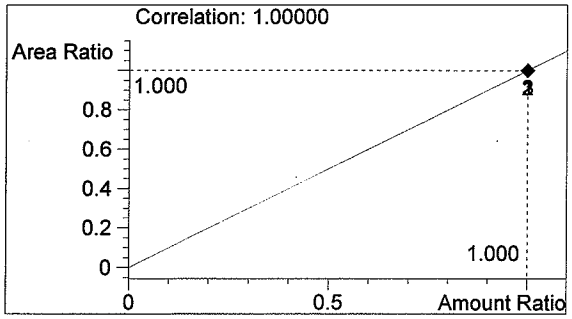


#	Compound	Area	RT
1	ETHANOL	767	1.065
2	n-PROPANOL	1631	1.826

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

GS

WASHINGTON STATE TOXICOLOGY LABORATORY

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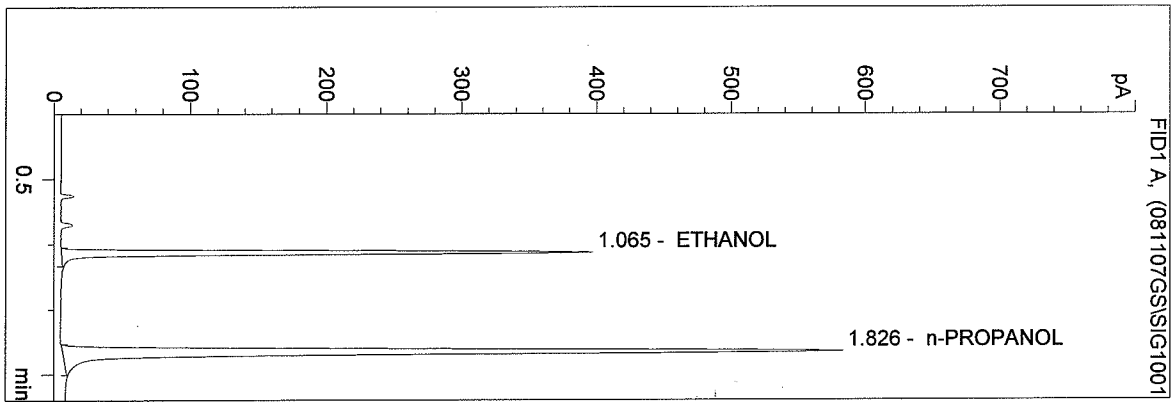
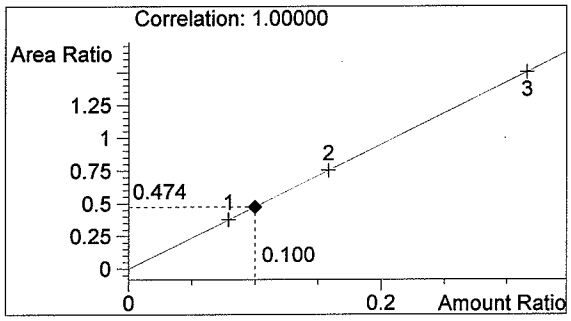
Instrument 3
db-alc2

08051 #2
Gwynyth Scherperel

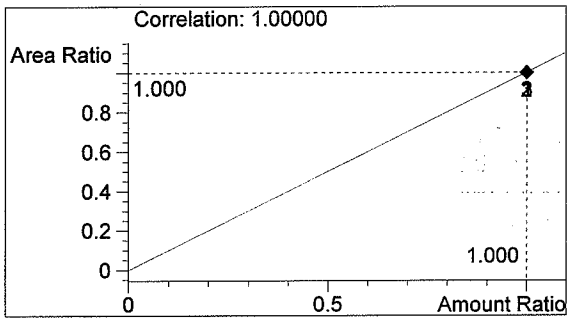
vial # 18



#	Compound	Area	RT
1	ETHANOL	773	1.065
2	n-PROPANOL	1630	1.826
Totals:			



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

GS

WASHINGTON STATE TOXICOLOGY LABORATORY

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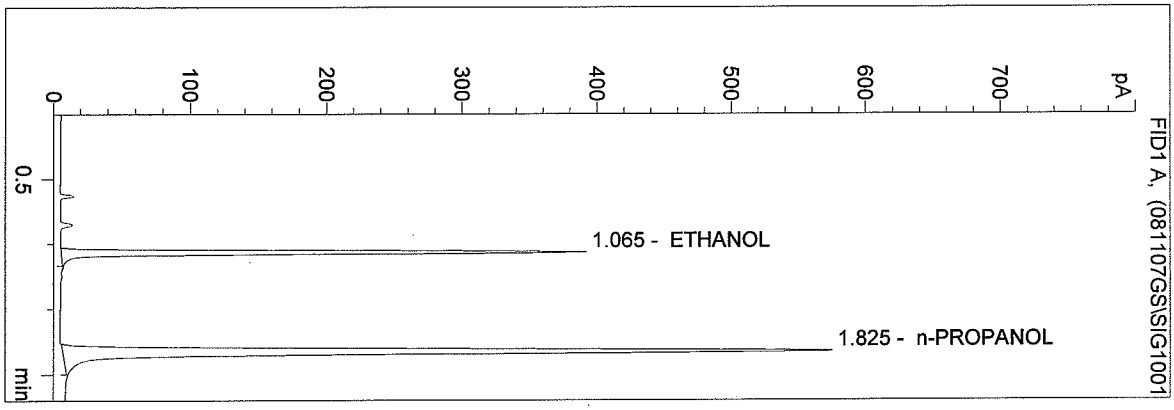
Instrument 3
db-alc2

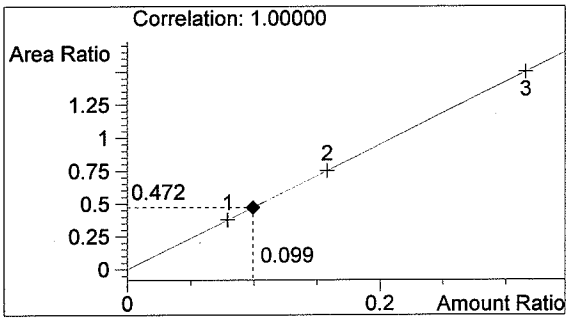
08051 #3
Gwynyth Scherperel

vial # 19

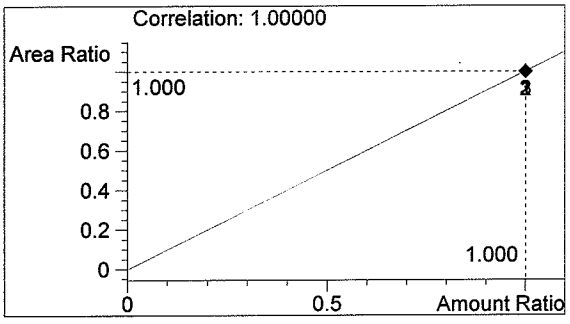


#	Compound	Area	RT
1	ETHANOL	758	1.065
2	n-PROPANOL	1604	1.825

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

GS

WASHINGTON STATE TOXICOLOGY LABORATORY

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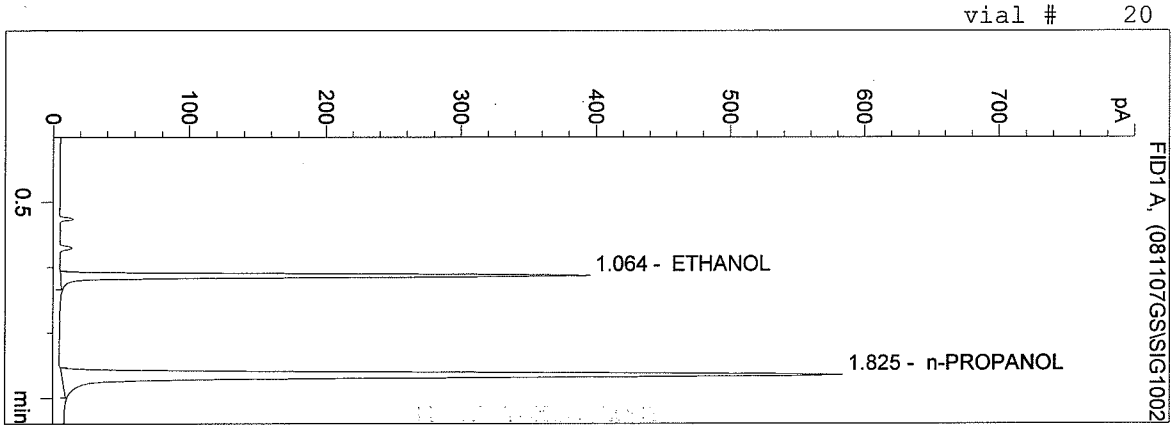
Instrument 3
db-alc2

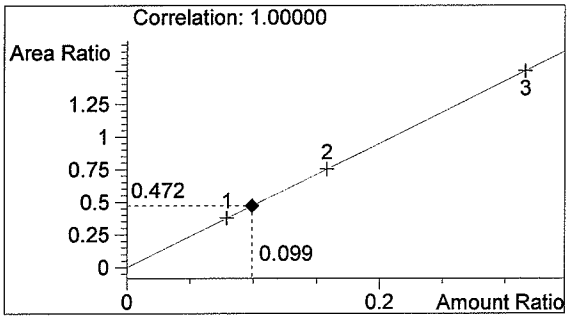
08051 #4
Gwynyth Scherperel

vial # 20

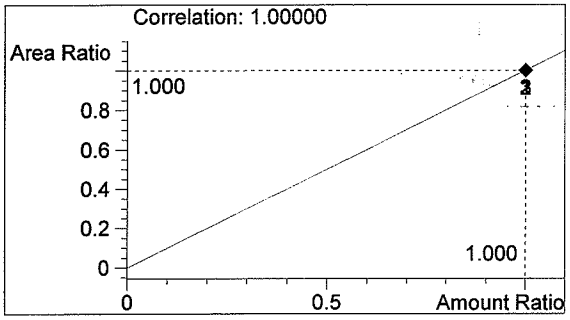


#	Compound	Area	RT
1	ETHANOL	769	1.064
2	n-PROPANOL	1630	1.825

Totals:



ETHANOL 0.099 g/100ml



n-PROPANOL 1.000 g/100ml

GS

WASHINGTON STATE TOXICOLOGY LABORATORY

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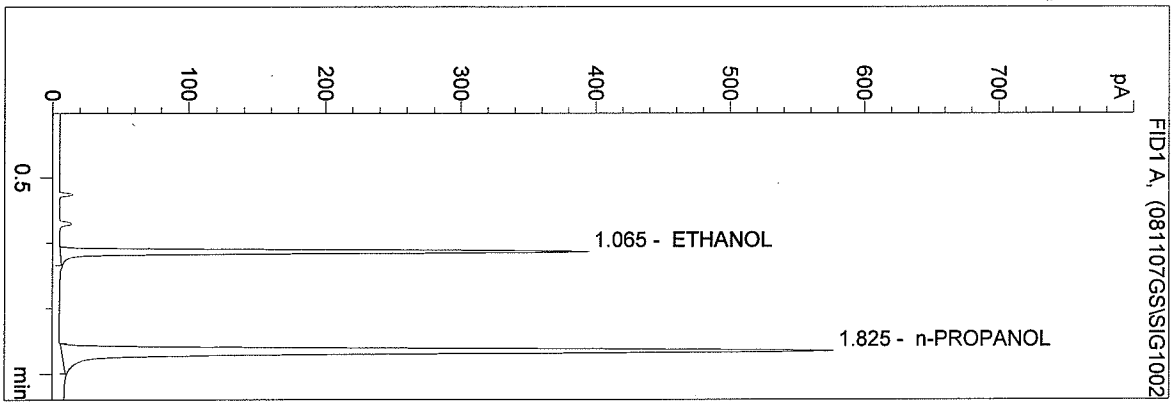
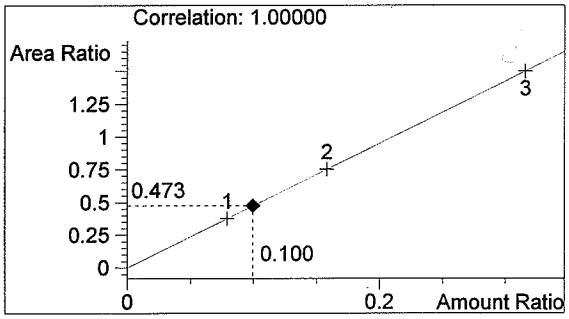
Instrument 3 Gwynyth Scherperel
db-alc2

vial # 21

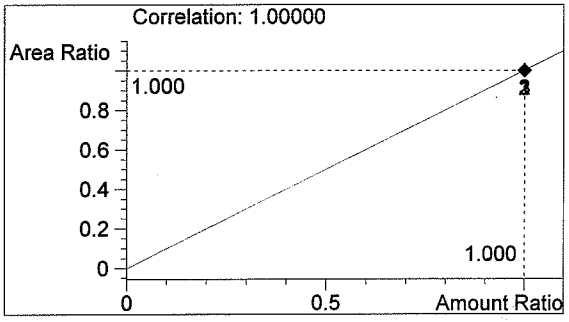


#	Compound	Area	RT
1	ETHANOL	760	1.065
2	n-PROPANOL	1604	1.825

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

65

WASHINGTON STATE TOXICOLOGY LABORATORY

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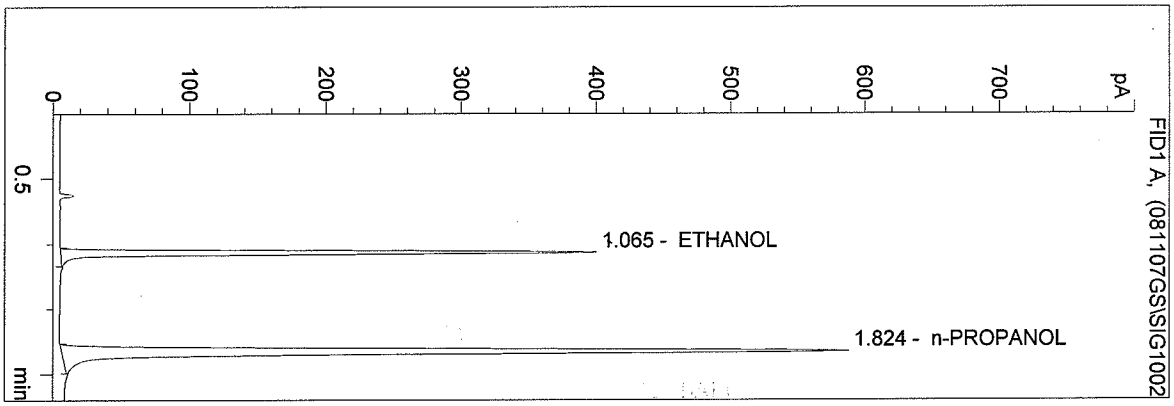
Instrument 3
db-alc2

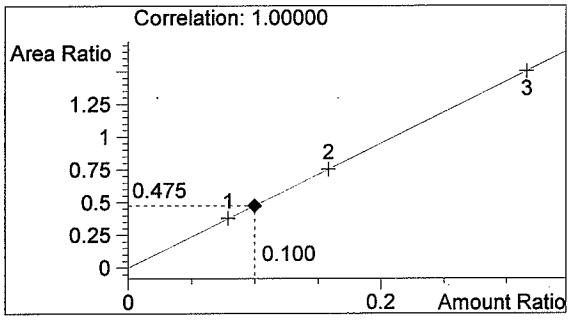
0.10 CONTROL-GS
Gwynyth Scherperel

vial # 22

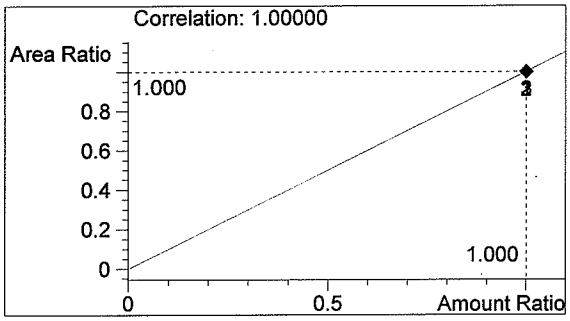


#	Compound	Area	RT
1	ETHANOL	778	1.065
2	n-PROPANOL	1638	1.824

Totals:



ETHANOL 0.100 g/100ml



n-PROPANOL 1.000 g/100ml

65

WASHINGTON STATE TOXICOLOGY LABORATORY

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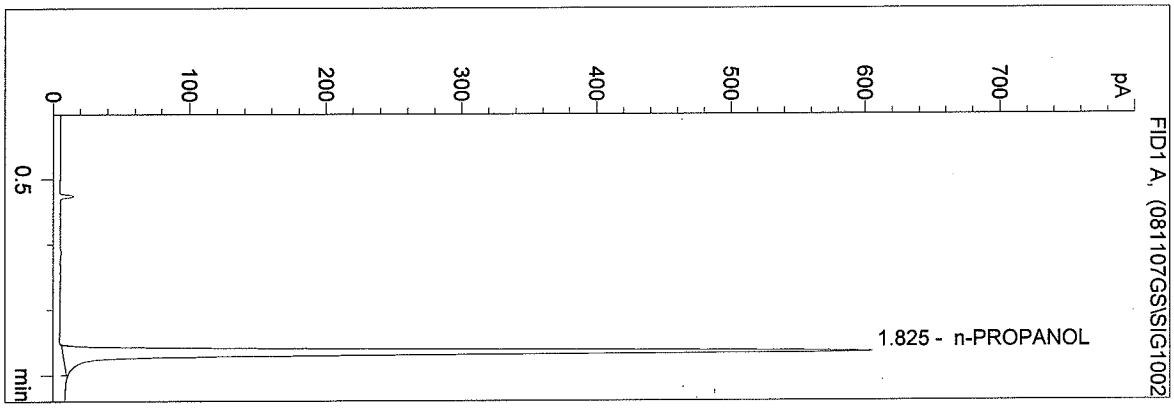
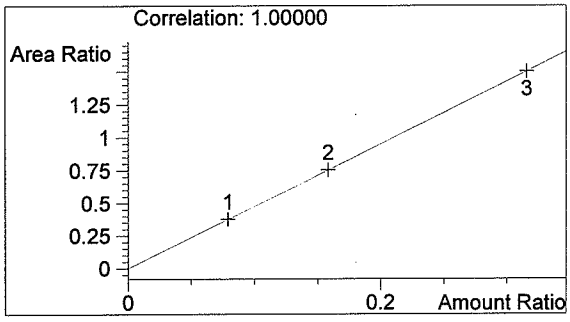
Instrument 3
db-alc2

NEG CONTROL-GS
Gwynyth Scherperel

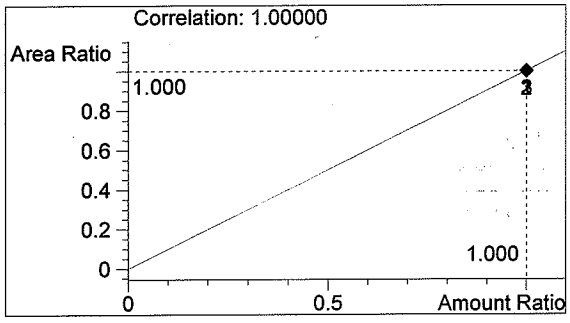
vial # 23



#	Compound	Area	RT
1	ETHANOL	0	0.000
2	n-PROPANOL	1686	1.825
Totals:			



ETHANOL 0.000 g/100ml



n-PROPANOL 1.000 g/100ml

GS