LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080081.D
Acq On : 20 Jun 2015 5:01
Operator : TP/IZ
Sample : G2576-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHB13

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.961	163	164	168	rVB	29794	33163	1.65%	0.237%
2	5.544	213	215	218	rBV	844405	841174	41.75%	6.012%
3	5.944	247	250	252	rBV	1183730	1201299	59.63%	8.585%
4	6.344	282	285	287	rBV	56174	60651	3.01%	0.433%
5	6.562	302	304	312	rBV	18200	24991	1.24%	0.179%
6	6.927	334	336	339	rBV	1198248	1184694	58.81%	8.467%
7	7.099	348	351	353	rBV	1430417	1320457	65.54%	9.437%
8	7.327	369	371	373	rVB	255468	240473	11.94%	1.719%
9	7.487	383	385	388	rVB	1078747	939807	46.65%	6.716%
10	7.887	418	420	422	rBV	948668	796925	39.56%	5.695%
11	8.505	472	474	482	rBB	29471	35083	1.74%	0.251%
12	8.619	482	484	487	rBV	390038	342253	16.99%	2.446%
13	9.693	576	578	581	rVB	1439487	1454938	72.22%	10.398%
14	10.082	610	612	615	rBB	167668	134015	6.65%	0.958%
15	10.390	637	639	642	rBV2	434521	412040	20.45%	2.945%
16	11.191	706	709	711	rBV2	834828	1082529	53.73%	7.736%
17	11.899	768	771	773	rBV	558799	493043	24.47%	3.524%
18	13.579	915	918	920	rBV	2156395	2014583	100.00%	14.397%
19	14.654	1009	1012	1019	rVB2	43191	124315	6.17%	0.888%
20	14.837	1026	1028	1031	rBV	476800	594160	29.49%	4.246%
21	15.248	1062	1064	1069	rVB5	13407	27523	1.37%	0.197%
22	15.945	1122	1125	1127	rVB	15468	25094	1.25%	0.179%
23	16.711	1189	1192	1195	rBV	357116	535922	26.60%	3.830%
24	18.186	1317	1321	1331	rVB6	15293	73588	3.65%	0.526%

Sum of corrected areas: 13992720

LSC Report - Integrated Chromatogram

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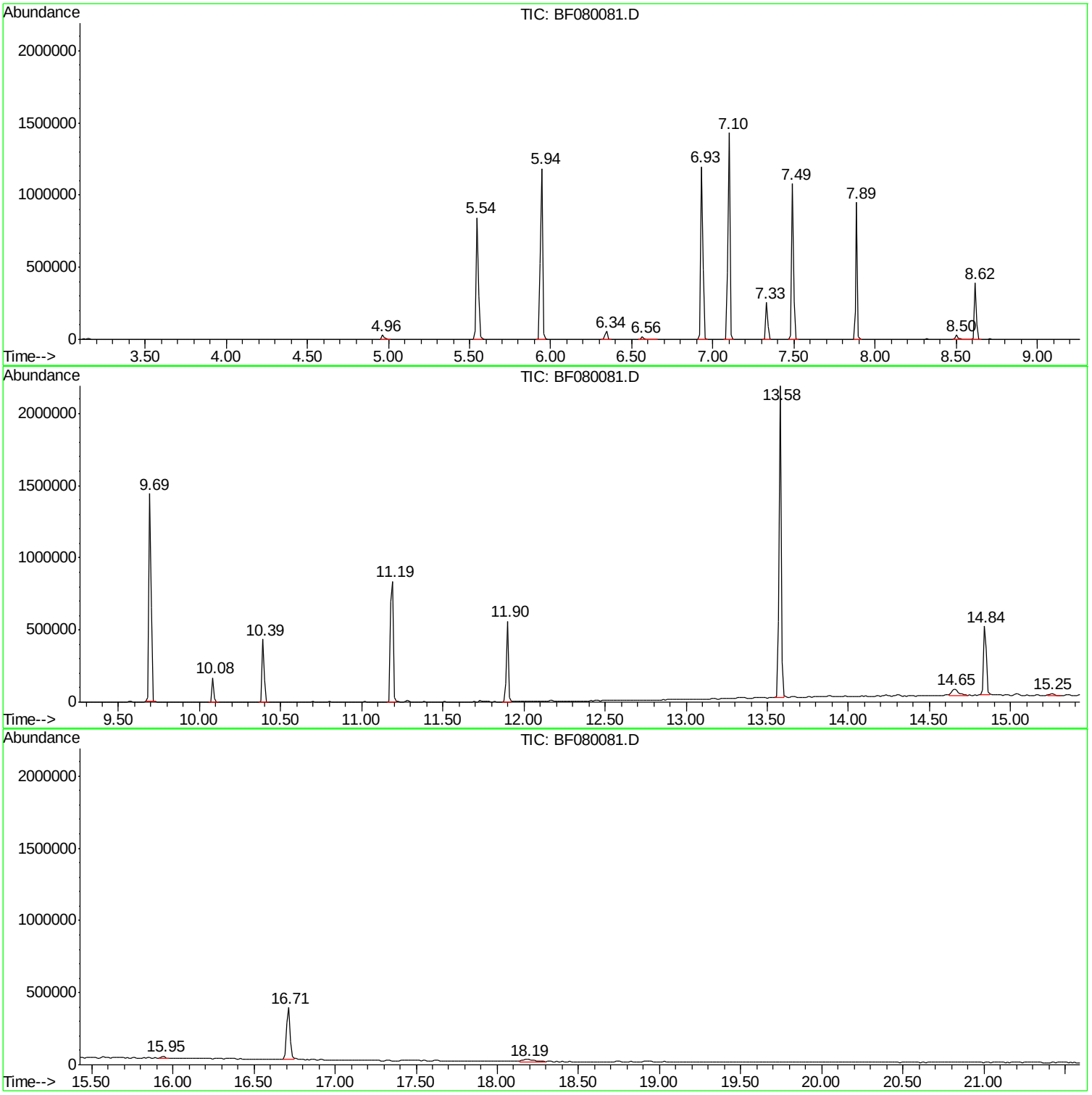
Sample : G2576-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SHB13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080081.D
Acq On : 20 Jun 2015 5:01
Operator : TP/IZ
Sample : G2576-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHB13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

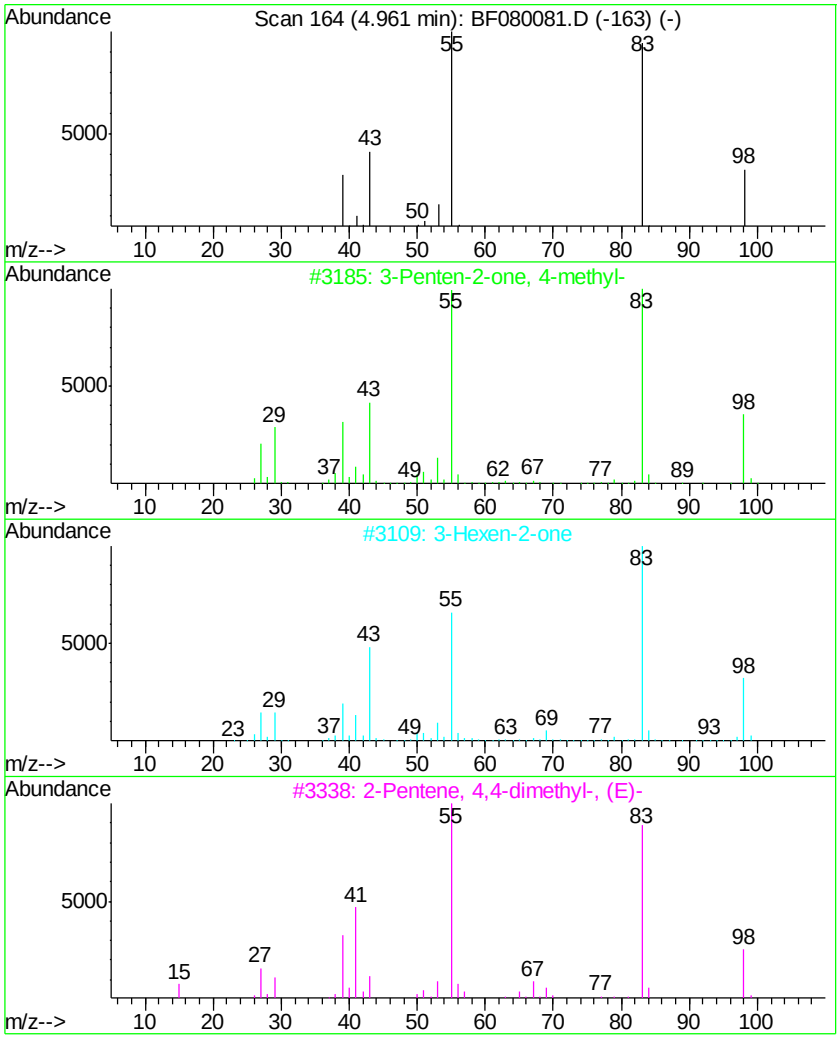
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

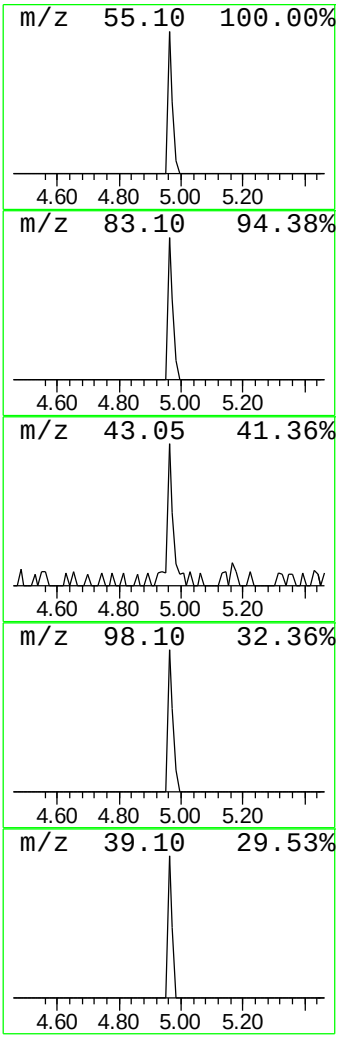
****

Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	2.76 ng	33163	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	86
5	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	78





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Operator : TP/IZ
Sample : G2576-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHB13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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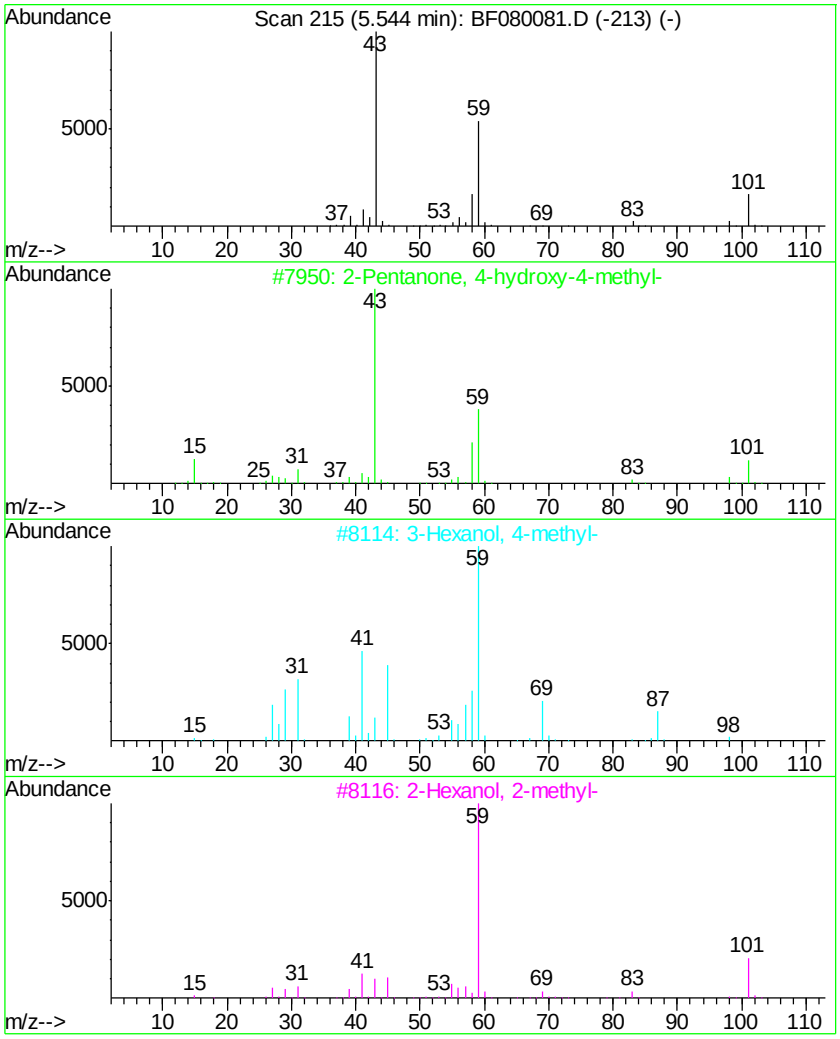
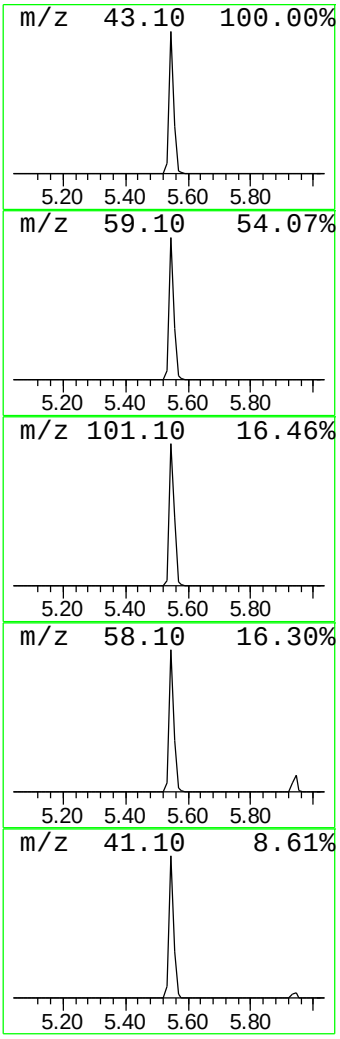
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.54	69.96 ng	841174	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061915\
Data File : BF080081.D
Acq On : 20 Jun 2015 5:01
Operator : TP/IZ
Sample : G2576-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHB13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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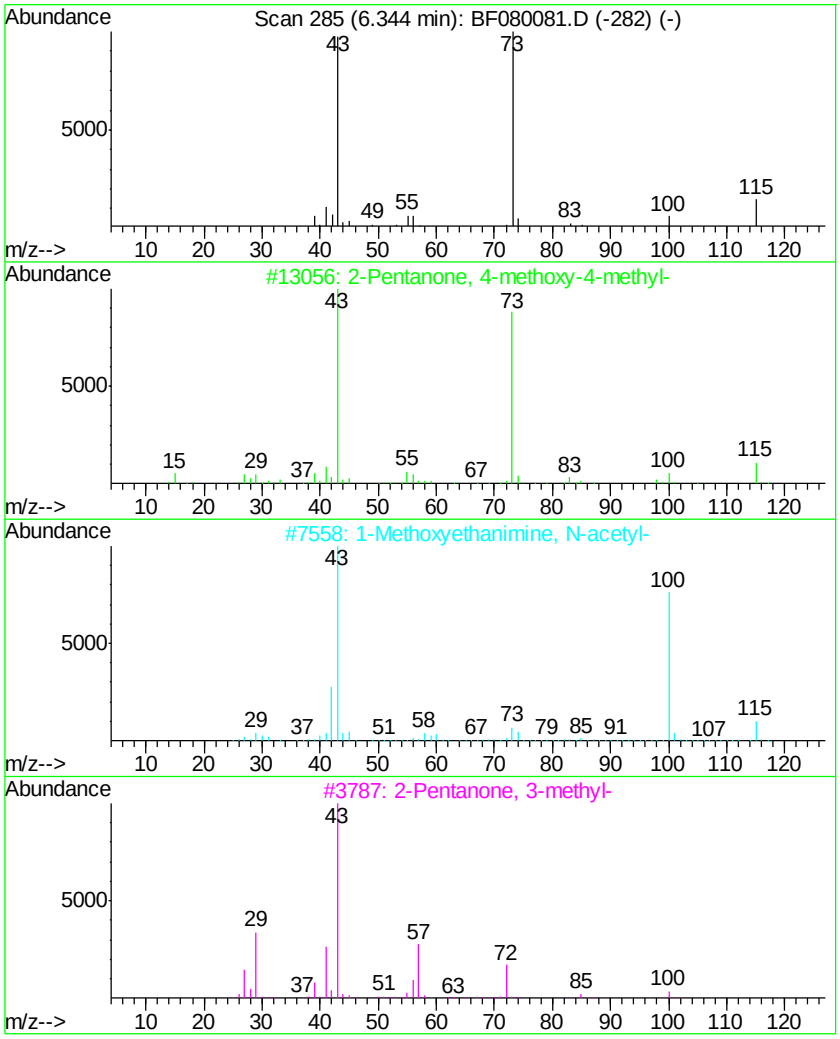
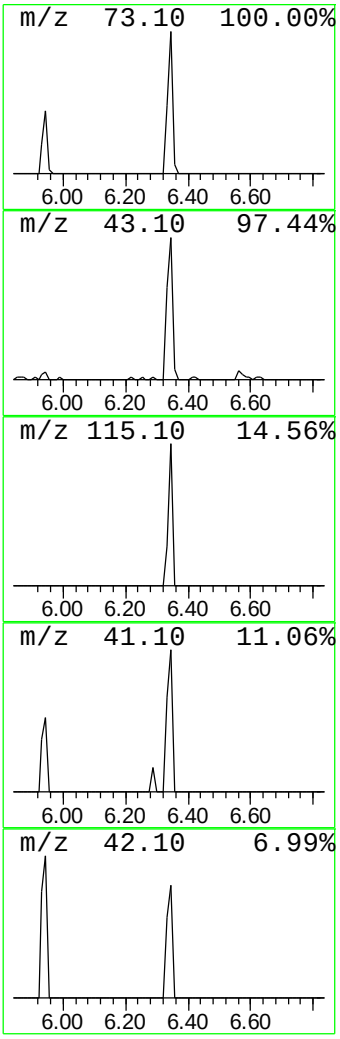
Peak Number 3 unknown6.34 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.34	5.04 ng	60651	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	83
2	1-Methoxyethanimine, N-acetyl-	115	C5H9NO2	099028-43-0	25
3	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	10
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	9
5	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	9





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Acq On : 20 Jun 2015 5:01
Operator : TP/IZ
Sample : G2576-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHB13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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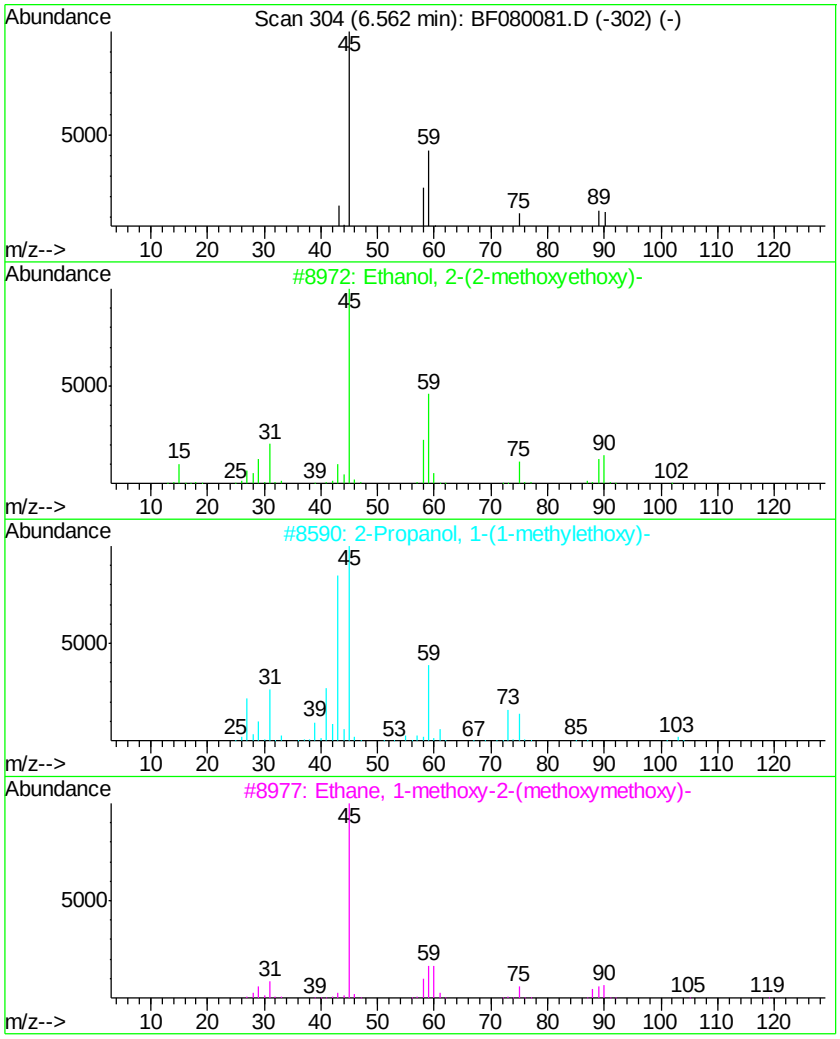
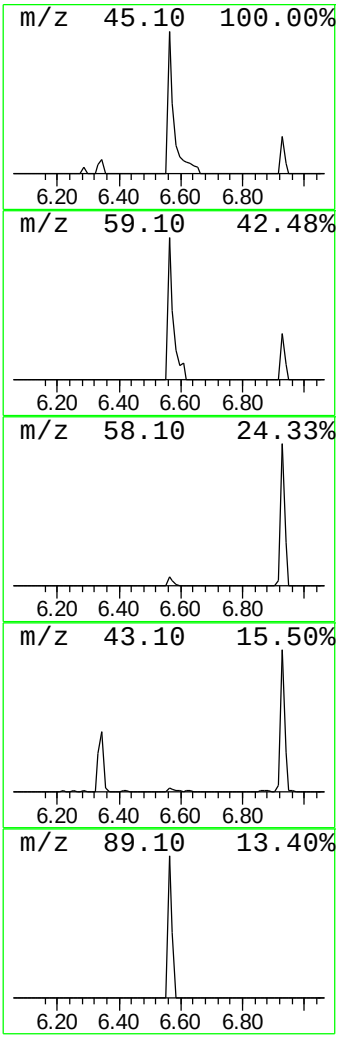
Peak Number 4 Ethanol, 2-(2-methoxyethoxy)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	2.08 ng	24991	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	83
2	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	9
3	Ethane, 1-methoxy-2-(methoxymeth...	120	C5H12O3	074498-88-7	9
4	Acetic acid, hydroxy-, methyl ester	90	C3H6O3	000096-35-5	7
5	Ethane, 1,2-dimethoxy-	90	C4H10O2	000110-71-4	5





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Sample : G2576-16
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SHB13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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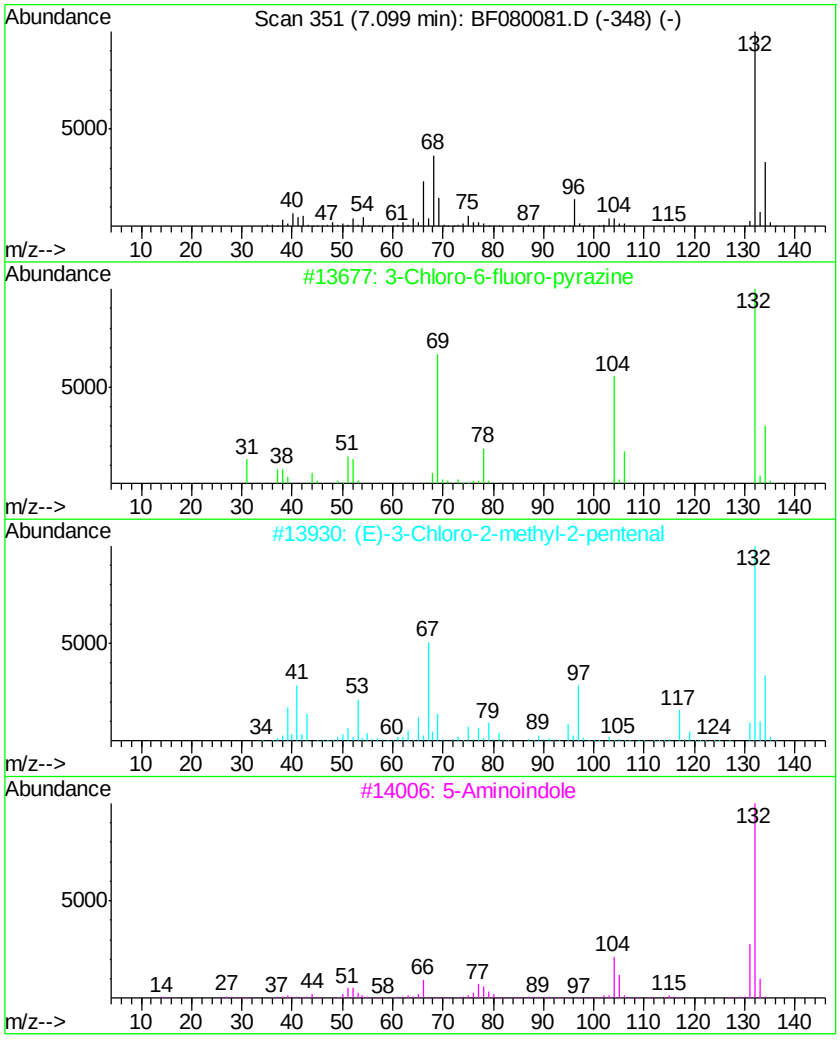
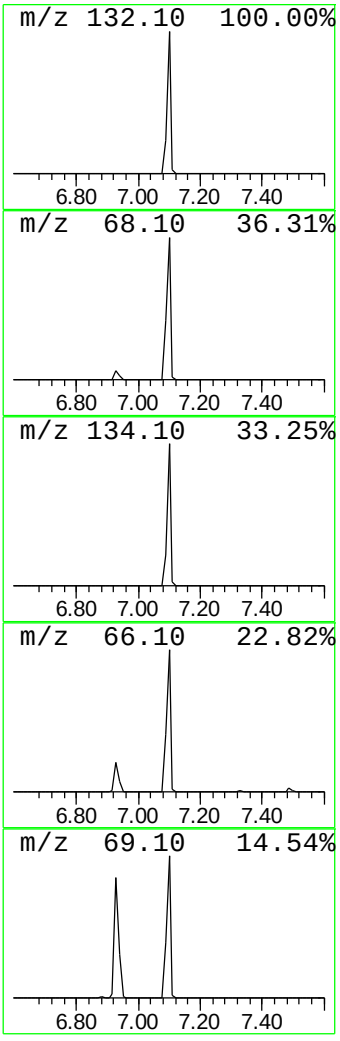
Peak Number 5 unknown7.10 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.10	109.82 ng	1320460	1,4-Dichlorobenzene-d4	7.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Amphetaminil	250	C17H18N2	017590-01-1	12
5	Imidazole, 4,5-dicyano-1-methyl-	132	C6H4N4	019485-35-9	9





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Instrument : BNA_F
ClientSampleId : SHB13

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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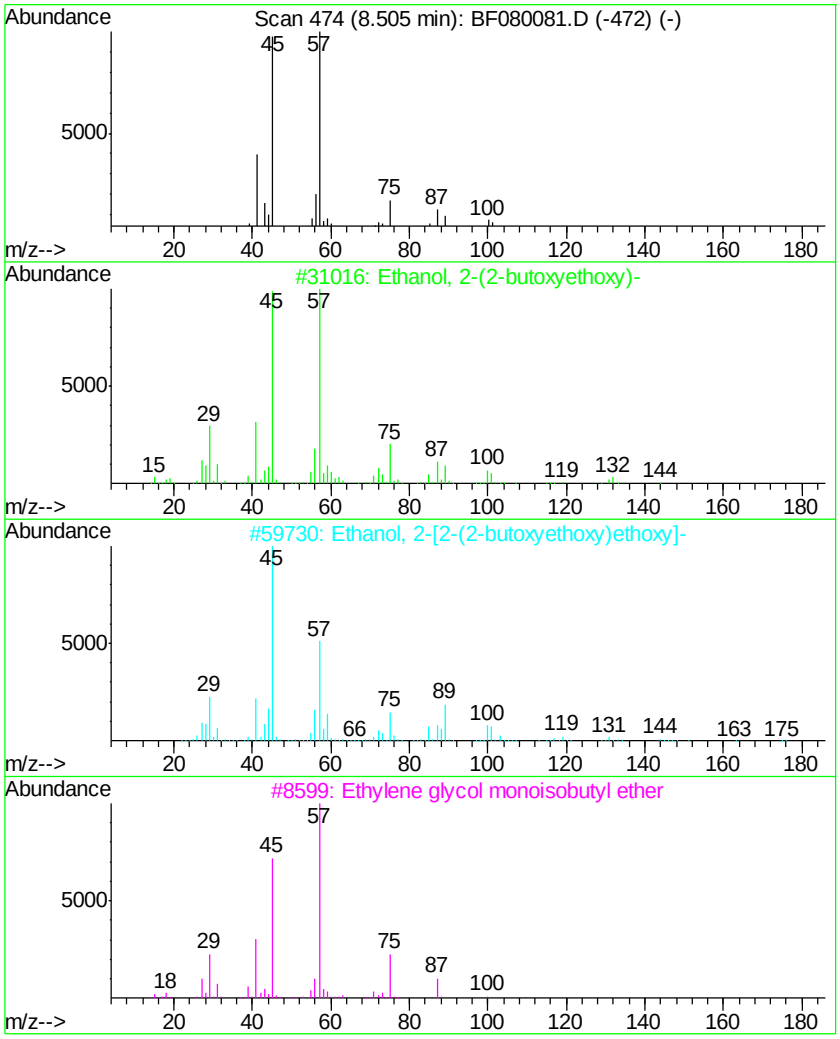
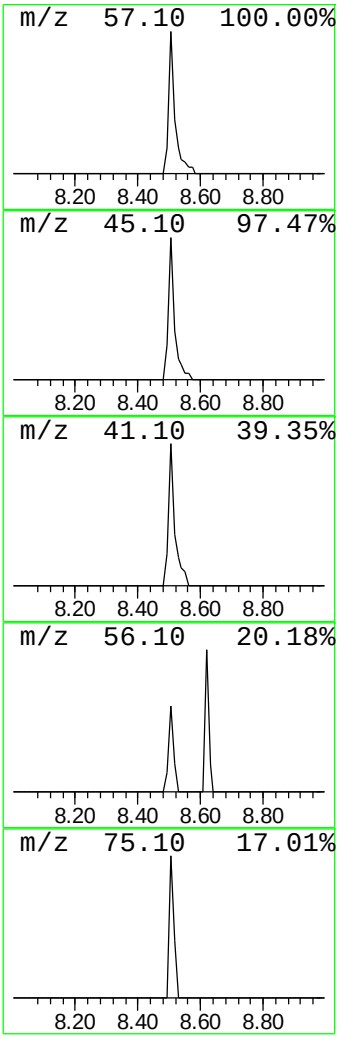
Peak Number 7 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.50	2.05 ng	35083	Naphthalene-d8	8.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	80
2	Ethanol, 2-[2-(2-butoxyethoxy)et...	206	C10H22O4	000143-22-6	50
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	45
4	Methoxyacetic acid, heptyl ester	188	C10H20O3	168920-36-3	42
5	Butane, 1,1'-[oxybis(2,1-ethaned...	218	C12H26O3	000112-73-2	38





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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

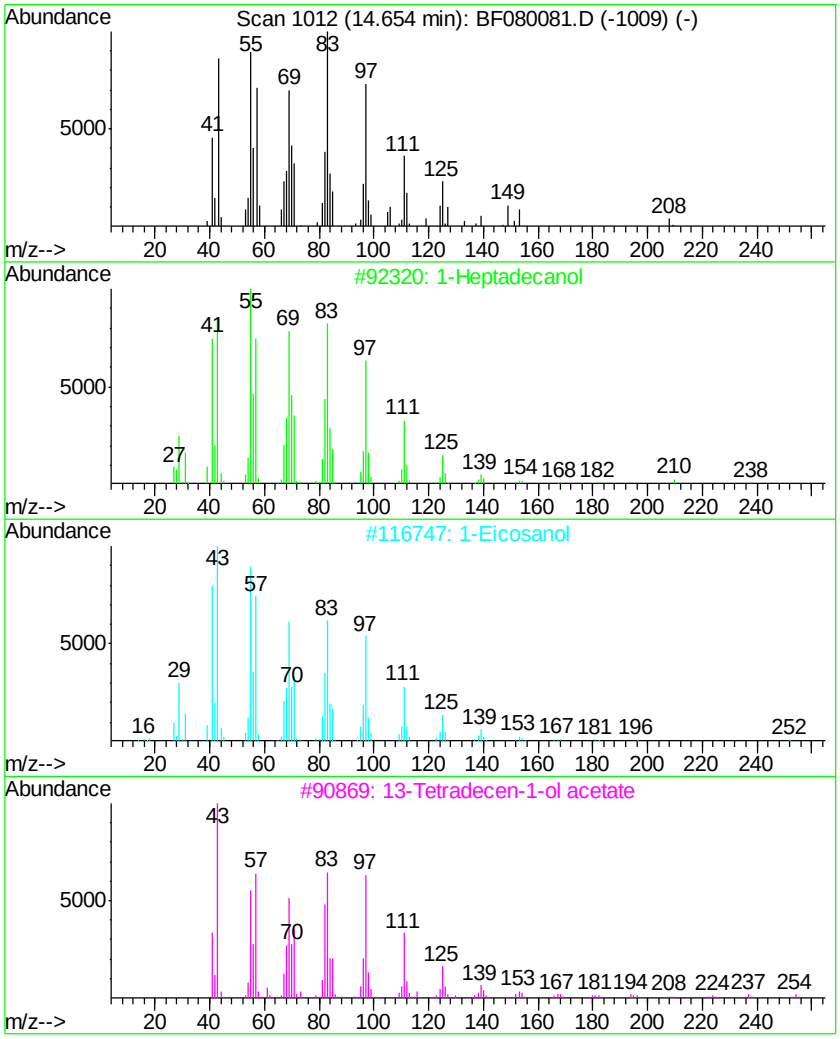
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

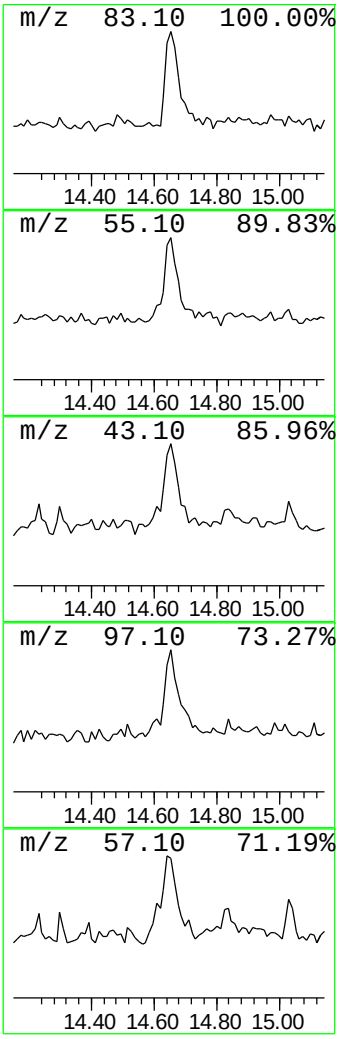
****

Peak Number 8 1-Heptadecanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.65	4.18 ng	124315	Chrysene-d12	14.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptadecanol	256	C17H36O	001454-85-9	81
2	1-Eicosanol	298	C20H42O	000629-96-9	72
3	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	58
4	1-Hexadecanol	242	C16H34O	036653-82-4	52
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	49





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	4.96	2.8	ng	33163	1	7.33	240473	20.0
2-Pentanone, 4-hy...	5.54	70.0	ng	841174	1	7.33	240473	20.0
unknown6.34	6.34	5.0	ng	60651	1	7.33	240473	20.0
Ethanol, 2-(2-met...	6.56	2.1	ng	24991	1	7.33	240473	20.0
unknown7.10	7.10	109.8	ng	1320460	1	7.33	240473	20.0
Ethanol, 2-(2-but...	8.50	2.0	ng	35083	2	8.62	342253	20.0
1-Heptadecanol	14.65	4.2	ng	124315	5	14.84	594160	20.0