LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023117.D
Acq On : 15 Jul 2016 17:28
Operator : UM/SJ
Sample : H4017-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9

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_G\METHODS\8270-BG070816.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	3.040	30	34	44	rBV	1083710	1502993	19.14%	3.113%
2	5.226	399	406	411	rBV	228346	363761	4.63%	0.753%
3	5.696	480	486	500	rBV	1568320	2722133	34.66%	5.637%
4	7.306	753	760	774	rVB	1845832	3363838	42.83%	6.966%
5	7.682	817	824	836	rBV	1740024	3095091	39.41%	6.410%
6	8.152	896	904	911	rVB	417819	722471	9.20%	1.496%
7	8.481	952	960	970	rVB	1219137	2217829	28.24%	4.593%
8	9.327	1095	1104	1111	rBV	1212507	2191282	27.90%	4.538%
9	10.978	1377	1385	1393	rBV	590237	1102717	14.04%	2.284%
10	13.417	1793	1800	1812	rBV	3210407	5219798	66.47%	10.810%
11	13.675	1839	1844	1849	rVB4	52231	85988	1.09%	0.178%
12	14.239	1932	1940	1950	rBV	1381317	2030960	25.86%	4.206%
13	14.803	2028	2036	2045	rVB2	1044796	1716631	21.86%	3.555%
14	16.290	2282	2289	2301	rBV	2732203	4428013	56.38%	9.170%
15	16.483	2318	2322	2324	rBV4	72331	88283	1.12%	0.183%
16	17.553	2496	2504	2513	rBV2	1431375	2200688	28.02%	4.557%
17	17.911	2559	2565	2575	rBV3	180380	430238	5.48%	0.891%
18	18.417	2646	2651	2657	rBV2	157038	222145	2.83%	0.460%
19	19.274	2792	2797	2815	rBV	555515	1249794	15.91%	2.588%
20	20.150	2940	2946	2956	rBV	5790130	7853271	100.00%	16.264%
21	20.773	3046	3052	3056	rBV3	117787	208717	2.66%	0.432%
22	20.890	3069	3072	3076	rVB3	69859	86266	1.10%	0.179%
23	21.472	3167	3171	3182	rBV6	113815	309254	3.94%	0.640%
24	21.713	3208	3212	3218	rVB2	79160	110886	1.41%	0.230%
25	21.854	3230	3236	3245	rBV	1428609	2461578	31.34%	5.098%
26	25.232	3800	3811	3824	rBV	711297	2302653	29.32%	4.769%

Sum of corrected areas: 48287278

LSC Report - Integrated Chromatogram

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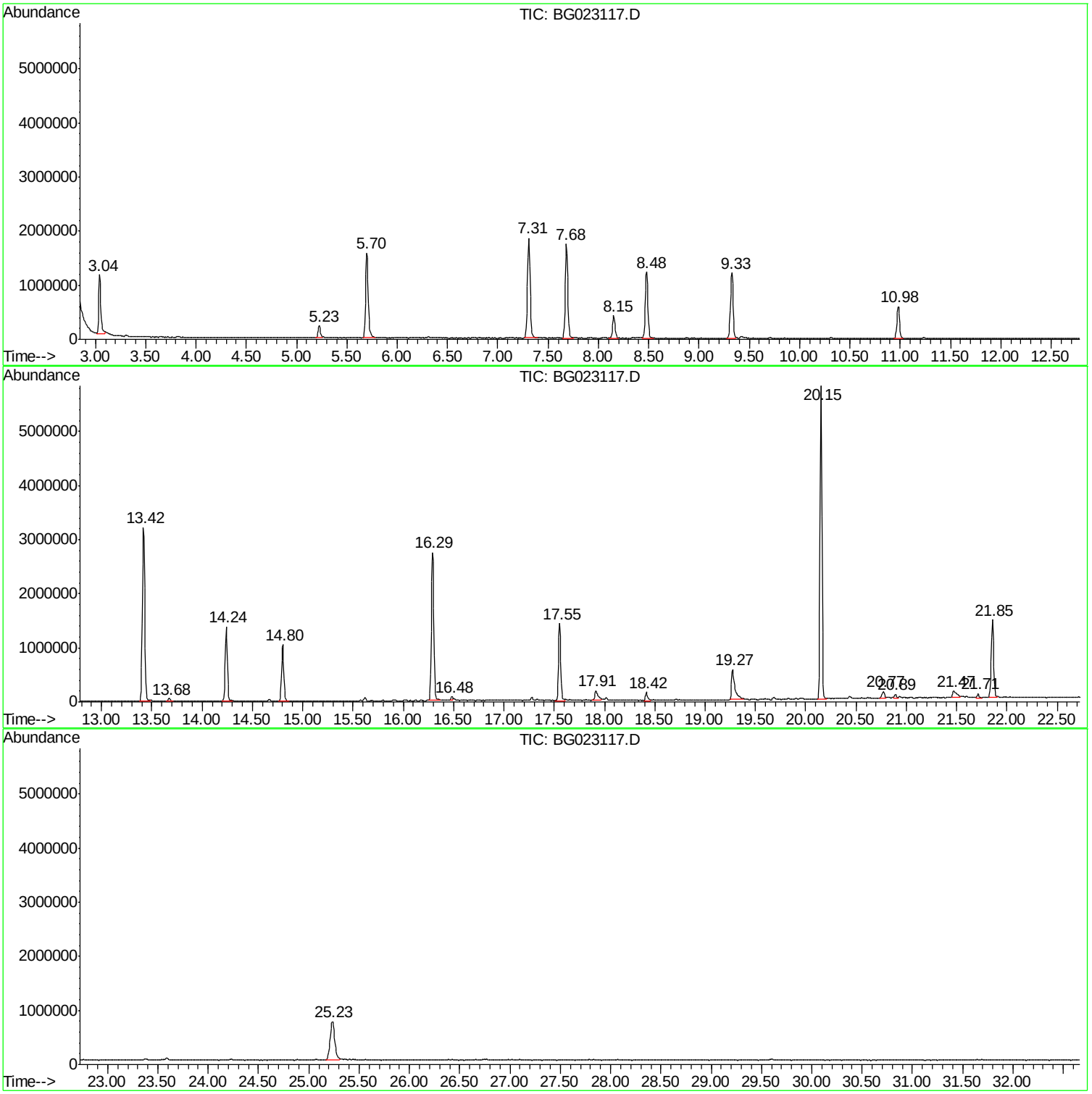
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071516\
Data File : BG023117.D
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Operator : UM/SJ
Sample : H4017-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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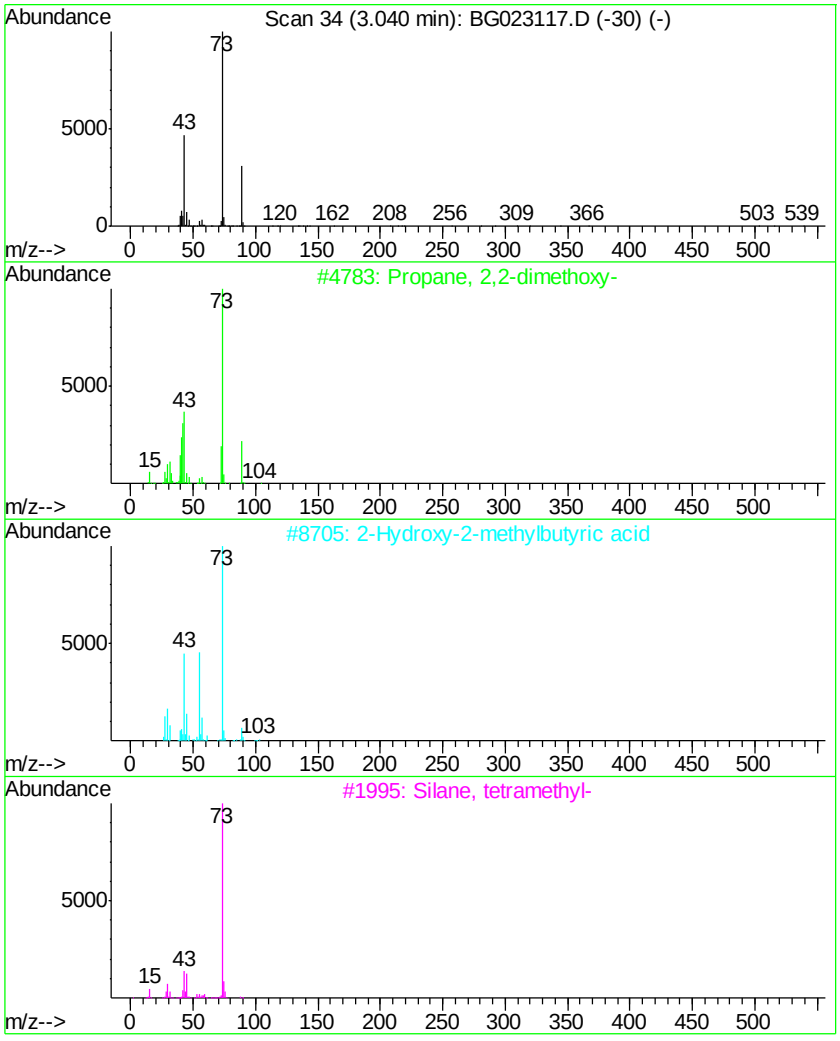
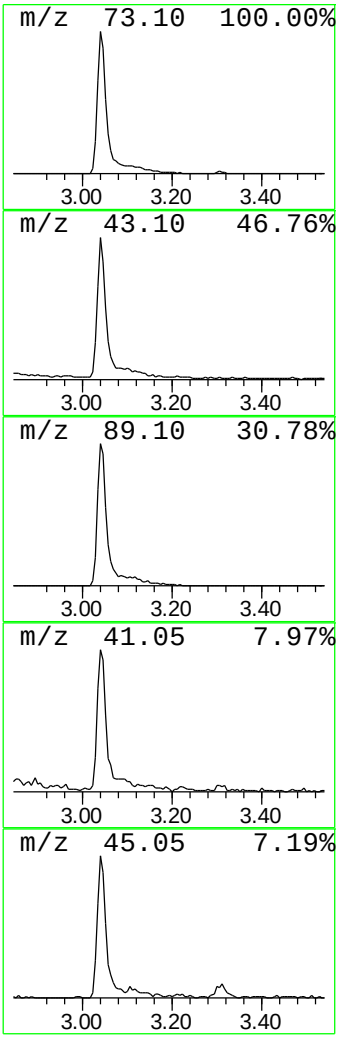
Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.04	41.61 ng	1502990	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	72
2	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Data File : BG023117.D
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Operator : UM/SJ
Sample : H4017-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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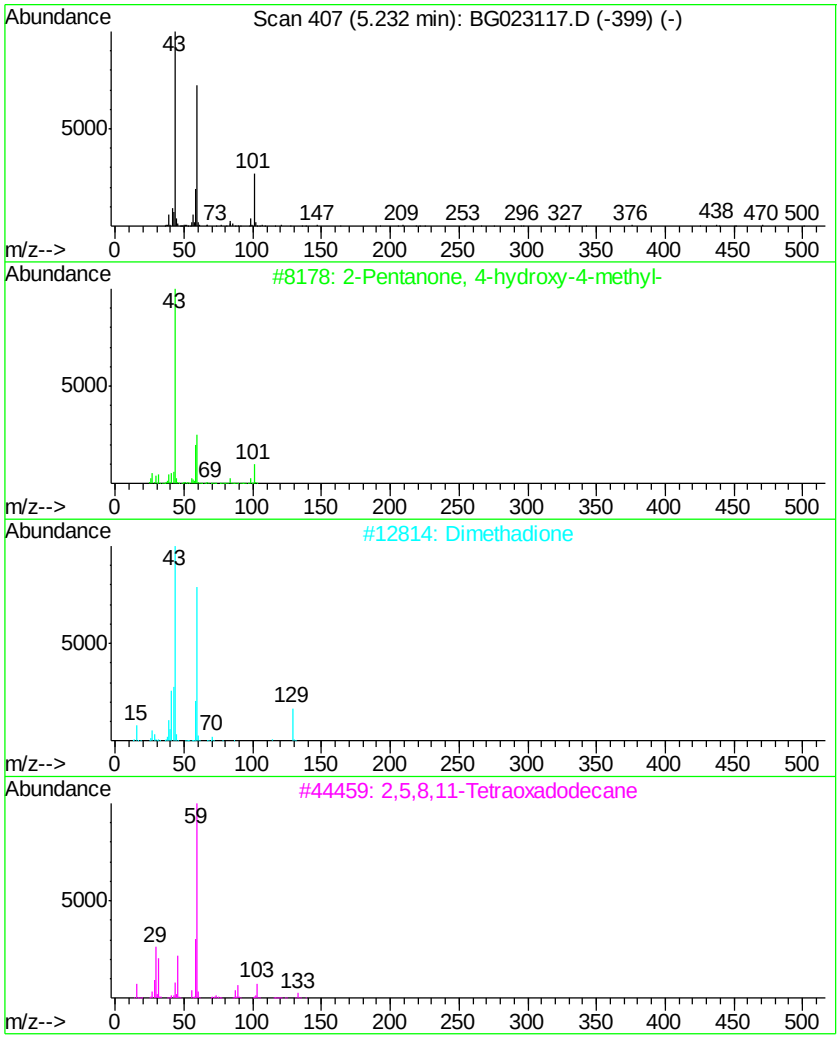
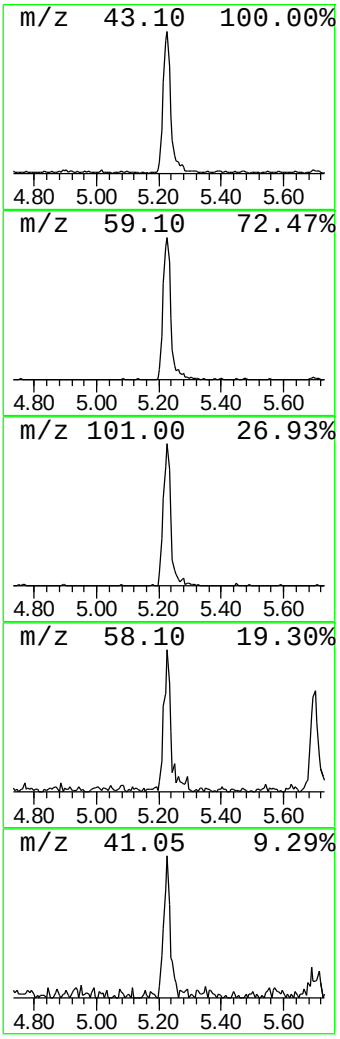
Peak Number 2 unknown5.23 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.23	10.07 ng	363761	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
2	Dimethadione	129	C5H7NO3	000695-53-4	36
3	2,5,8,11-Tetraoxadodecane	178	C8H18O4	000112-49-2	25
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	25
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	23





Library Search Compound Report

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Operator : UM/SJ
Sample : H4017-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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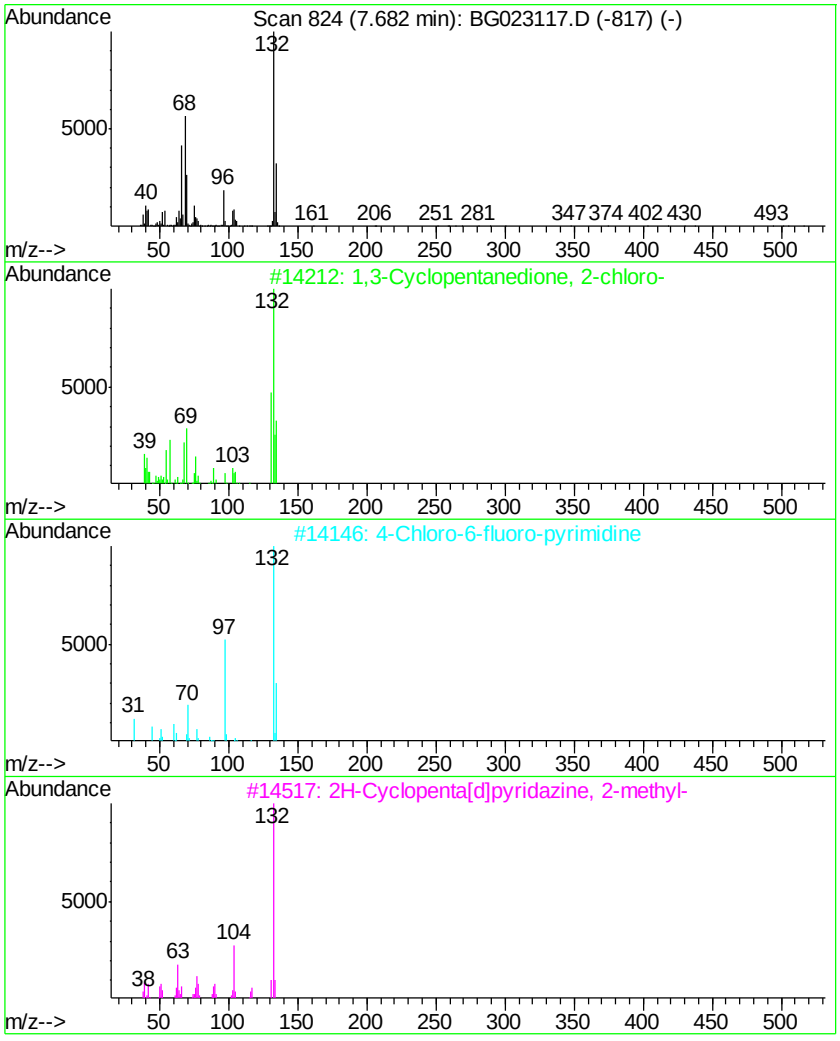
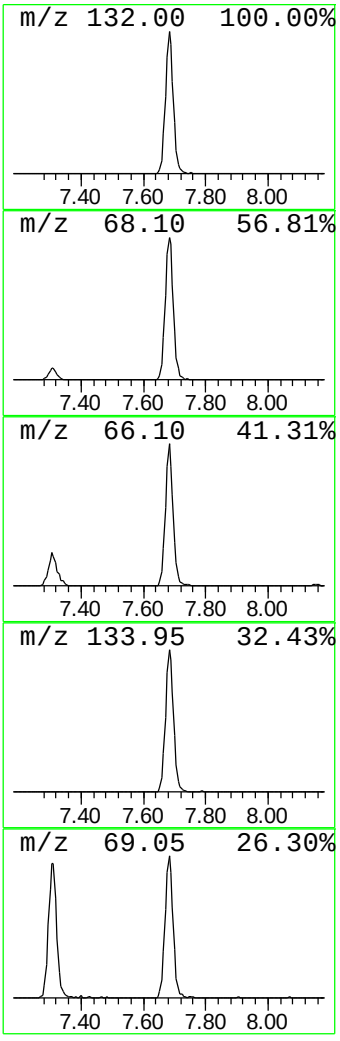
Peak Number 3 unknown7.68 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	85.68 ng	3095090	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	14
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	14
4	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	10
5	Cyclopropanamine, 1-phenyl-	133	C9H11N	1000351-26-2	10





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Data File : BG023117.D
Acq On : 15 Jul 2016 17:28
Operator : UM/SJ
Sample : H4017-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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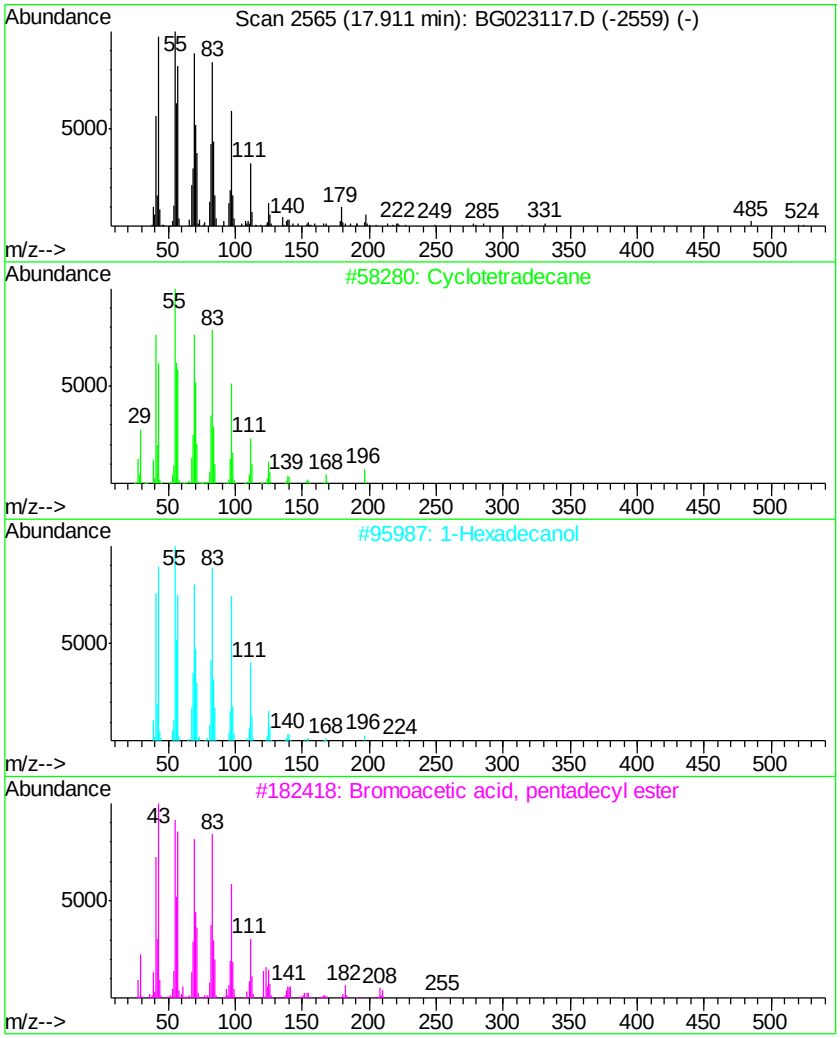
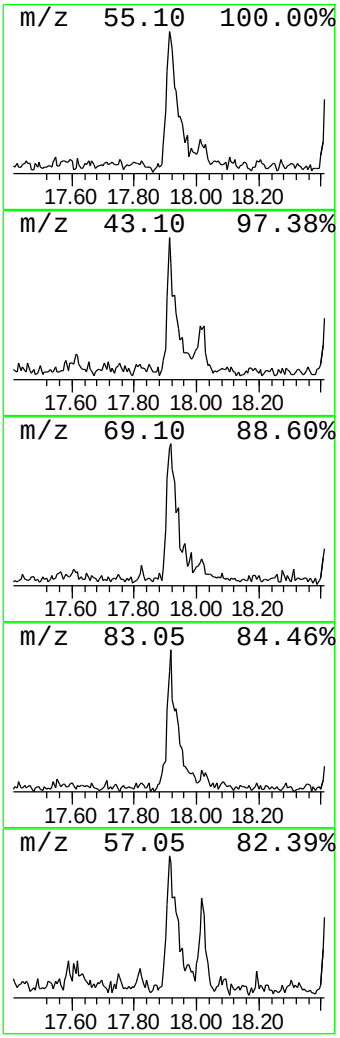
Peak Number 5 Cyclotetradecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.91	3.91 ng	430238	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	94
2	1-Hexadecanol	242	C16H34O	036653-82-4	90
3	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	90
4	n-Heptadecanol-1	256	C17H36O	001454-85-9	87
5	Cyclohexadecane	224	C16H32	000295-65-8	87





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Sample : H4017-17
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
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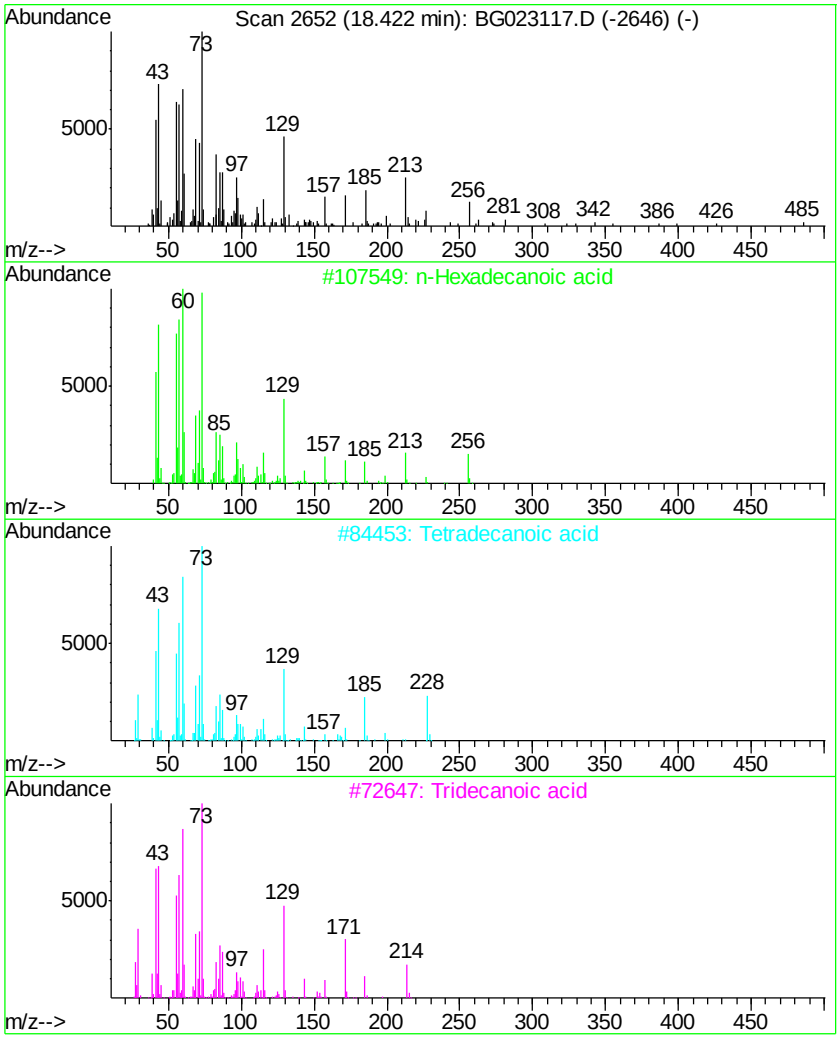
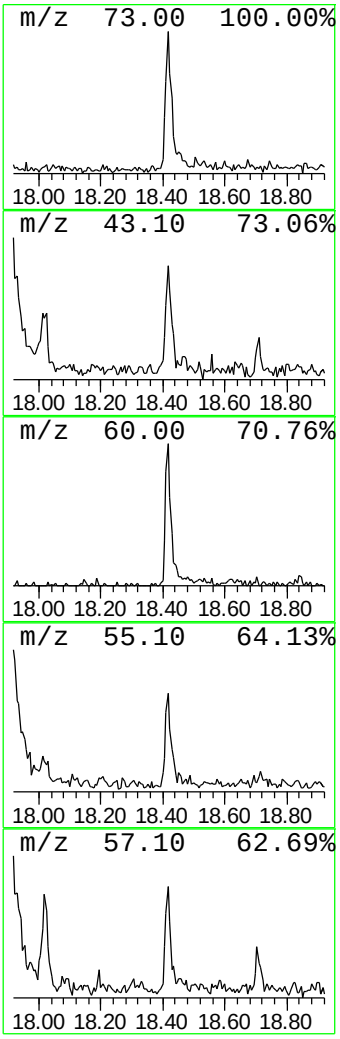
Peak Number 6 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	2.02 ng	222145	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
3	Tridecanoic acid	214	C13H26O2	000638-53-9	81
4	Dodecanoic acid	200	C12H24O2	000143-07-7	72
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	68





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C5-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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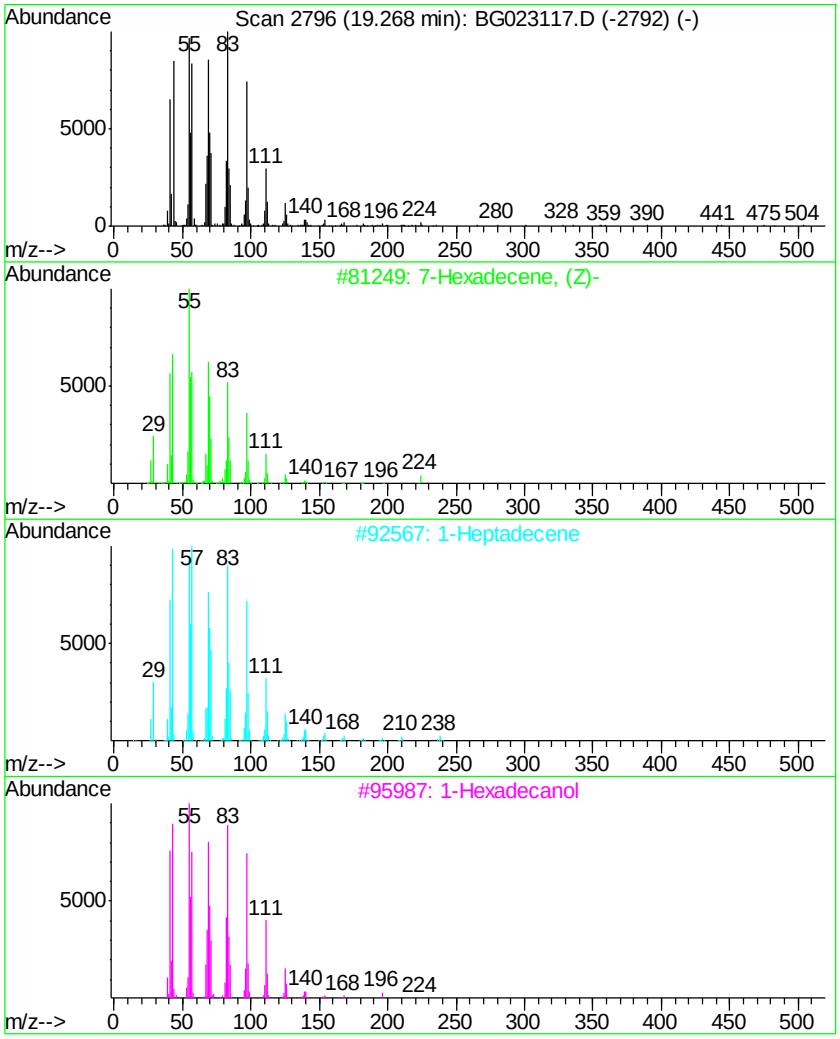
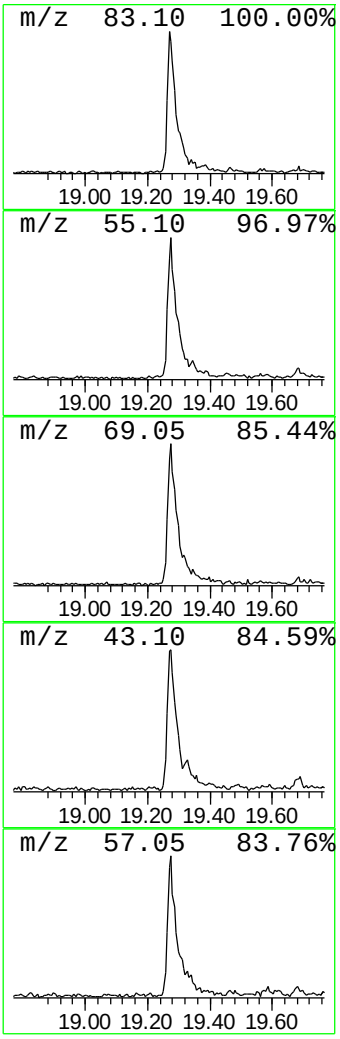
Peak Number 7 7-Hexadecene, (Z)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	11.36 ng	1249790	Phenanthrene-d10	17.55

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	98
2	1-Heptadecene	238	C17H34	006765-39-5	96
3	1-Hexadecanol	242	C16H34O	036653-82-4	94
4	Bromoacetic acid, pentadecyl ester	348	C17H33BrO2	131143-01-6	94
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	94





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Misc :
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Instrument : BNA_G
ClientSampleId : C5-9

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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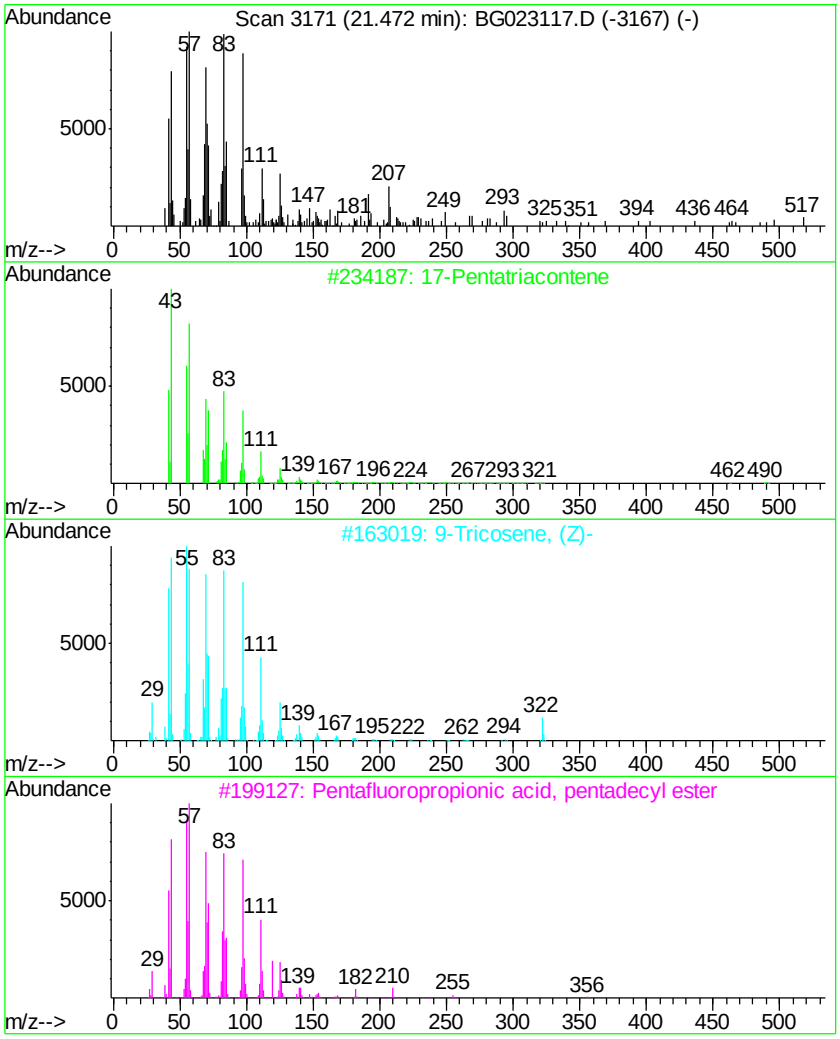
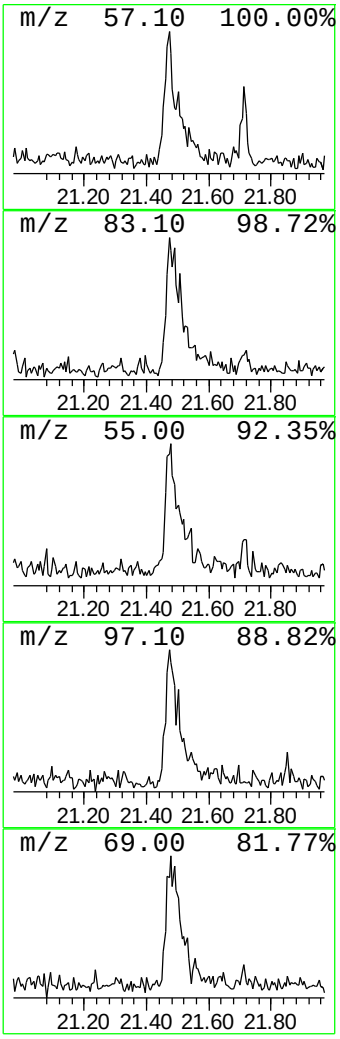
Peak Number 8 17-Pentatriacontene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	2.51 ng	309254	Chrysene-d12	21.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	89
3	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	74
4	1-Heneicosanol	312	C21H44O	015594-90-8	68
5	1-Hexadecanol	242	C16H34O	036653-82-4	58





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 2,2-dime...	3.04	41.6	ng	1502990	1	8.15	722471	20.0
unknown5.23	5.23	10.1	ng	363761	1	8.15	722471	20.0
unknown7.68	7.68	85.7	ng	3095090	1	8.15	722471	20.0
Cyclotetradecane	17.91	3.9	ng	430238	4	17.55	2200690	20.0
n-Hexadecanoic acid	18.42	2.0	ng	222145	4	17.55	2200690	20.0
7-Hexadecene, (Z)-	19.27	11.4	ng	1249790	4	17.55	2200690	20.0
17-Pentatriacontene	21.47	2.5	ng	309254	5	21.85	2461580	20.0