LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027656.D
Acq On : 24 Jun 2017 12:51
Operator : SJ/JU
Sample : I3657-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103S

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-BG062117.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	5.642	293	298	308	rVB	18394	29211	1.49%	0.319%
2	6.088	367	374	385	rBV	195713	337712	17.27%	3.688%
3	7.645	632	639	647	rBV	128633	243498	12.45%	2.659%
4	8.039	698	706	722	rVB	368318	655914	33.55%	7.163%
5	8.503	778	785	793	rBV	73319	130094	6.65%	1.421%
6	8.832	831	841	856	rBB	272479	508512	26.01%	5.553%
7	9.666	975	983	993	rBV	268537	509979	26.08%	5.569%
8	11.323	1257	1265	1271	rBV	109574	212233	10.85%	2.318%
9	11.376	1271	1274	1279	rVB	14723	20886	1.07%	0.228%
10	12.487	1458	1463	1469	rVB2	13805	23470	1.20%	0.256%
11	13.715	1663	1672	1680	rBV	784452	1251740	64.02%	13.670%
12	14.520	1804	1809	1819	rVB	155730	240592	12.30%	2.627%
13	15.089	1900	1906	1912	rBV2	180937	295485	15.11%	3.227%
14	15.148	1912	1916	1923	rVB	55508	90096	4.61%	0.984%
15	15.477	1968	1972	1981	rVB2	20282	37108	1.90%	0.405%
16	16.576	2152	2159	2166	rBV	644985	1054970	53.96%	11.521%
17	16.764	2186	2191	2195	rBV3	23559	36839	1.88%	0.402%
18	17.839	2368	2374	2379	rBV	221088	365857	18.71%	3.995%
19	18.685	2514	2518	2522	rBV2	40397	58615	3.00%	0.640%
20	19.937	2728	2731	2739	rVB6	31699	52699	2.70%	0.576%
21	20.078	2751	2755	2760	rBV	48928	57440	2.94%	0.627%
22	20.230	2778	2781	2789	rVB2	31201	56430	2.89%	0.616%
23	20.413	2807	2812	2818	rBV	1465678	1955267	100.00%	21.353%
24	21.135	2931	2935	2938	rBV	34173	38790	1.98%	0.424%
25	22.205	3111	3117	3125	rVB	235406	450216	23.03%	4.917%
26	25.847	3725	3737	3749	rVB3	126012	443227	22.67%	4.840%

Sum of corrected areas: 9156880

LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027656.D
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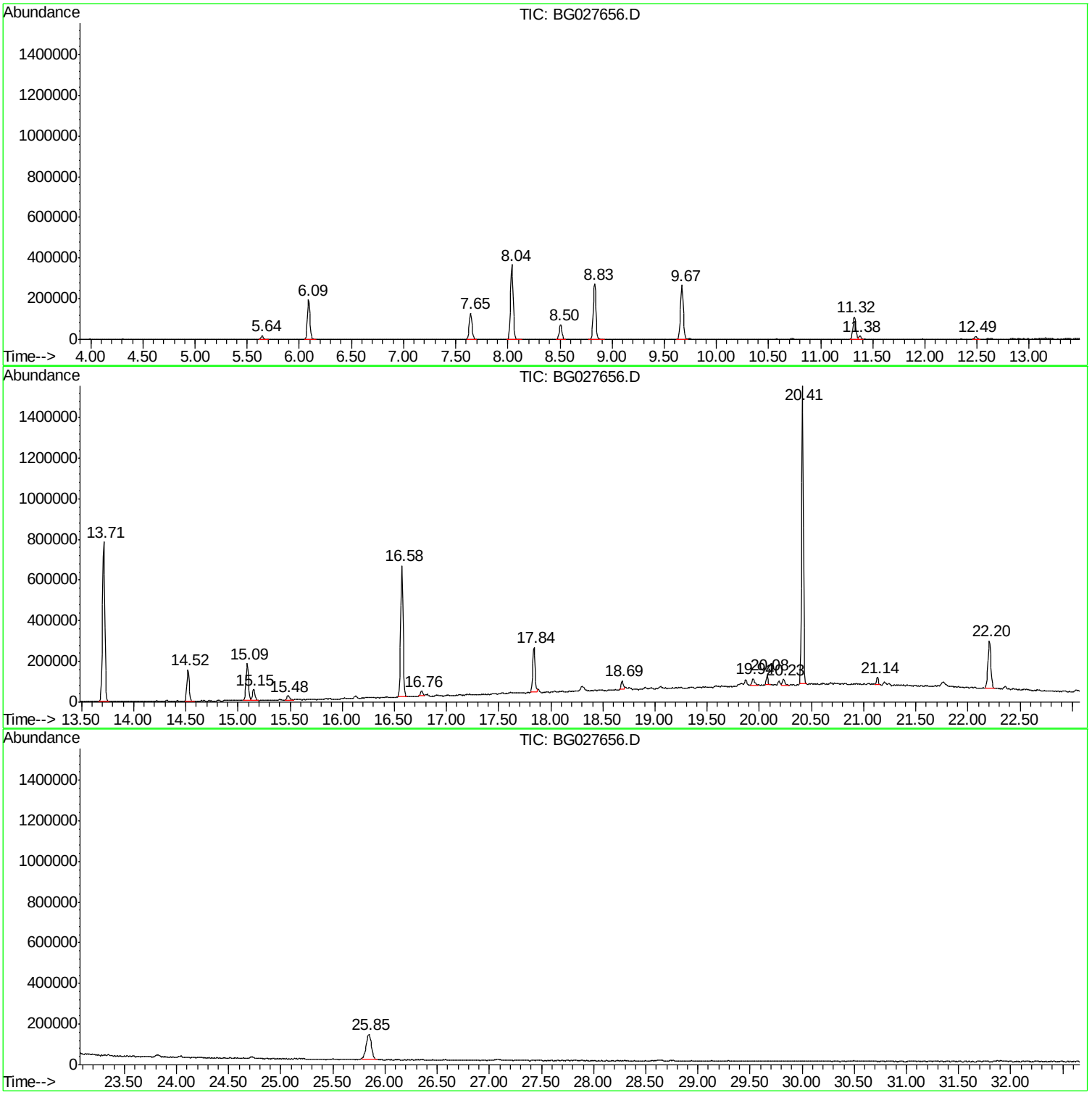
Operator : SJ/JU
Sample : I3657-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.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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Data File : BG027656.D
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Operator : SJ/JU
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Misc :
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Instrument : BNA_G
ClientSampleId : MW-103S

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

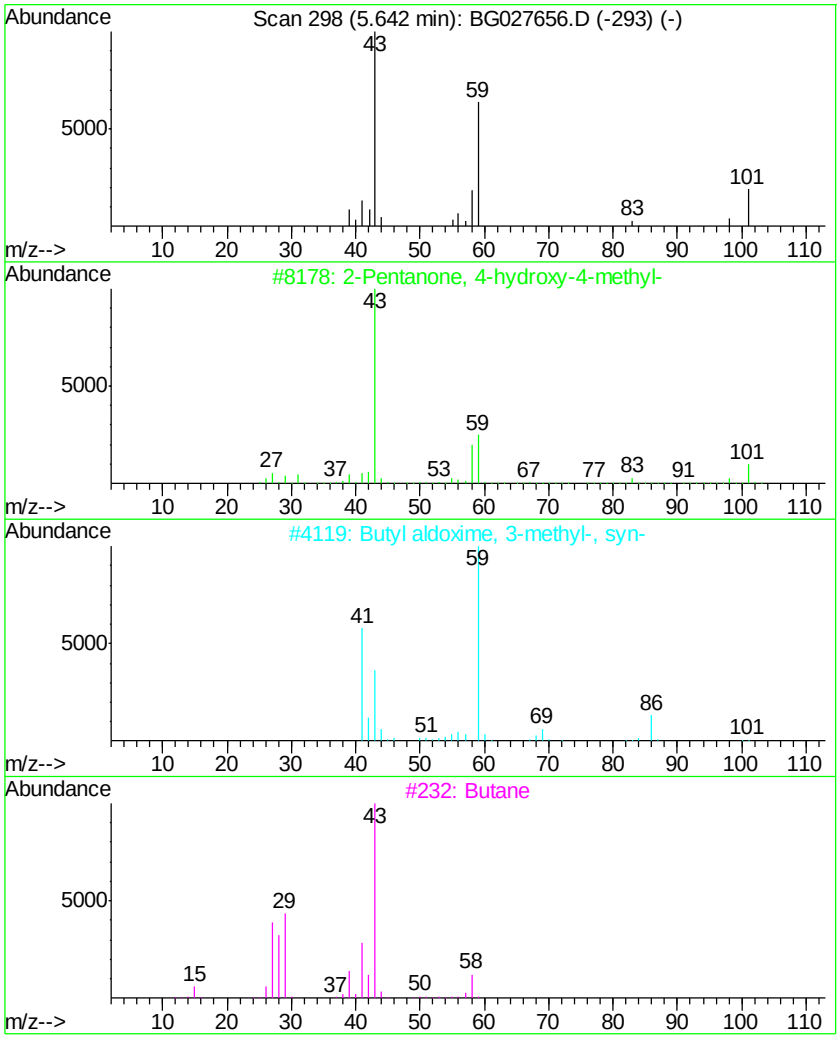
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

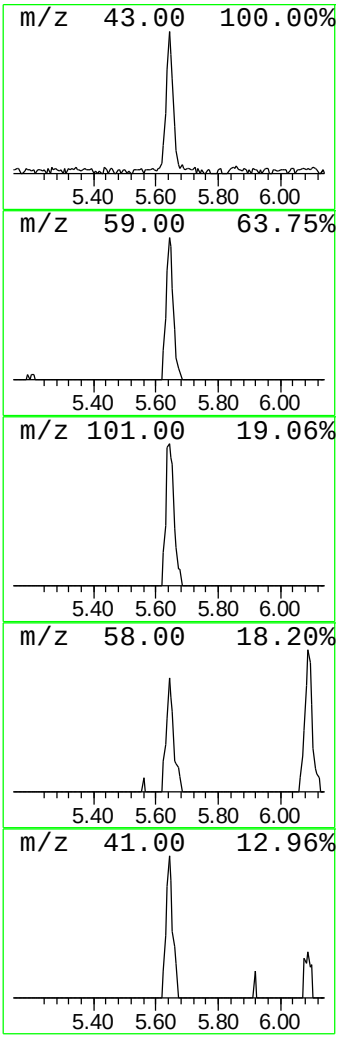
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.64	4.49 ng	29211	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
3	Butane	58	C4H10	000106-97-8	9
4	Propane, 1-isocyanato-2-methyl-	99	C5H9NO	001873-29-6	9
5	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG062417\
Data File : BG027656.D
Acq On : 24 Jun 2017 12:51
Operator : SJ/JU
Sample : I3657-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.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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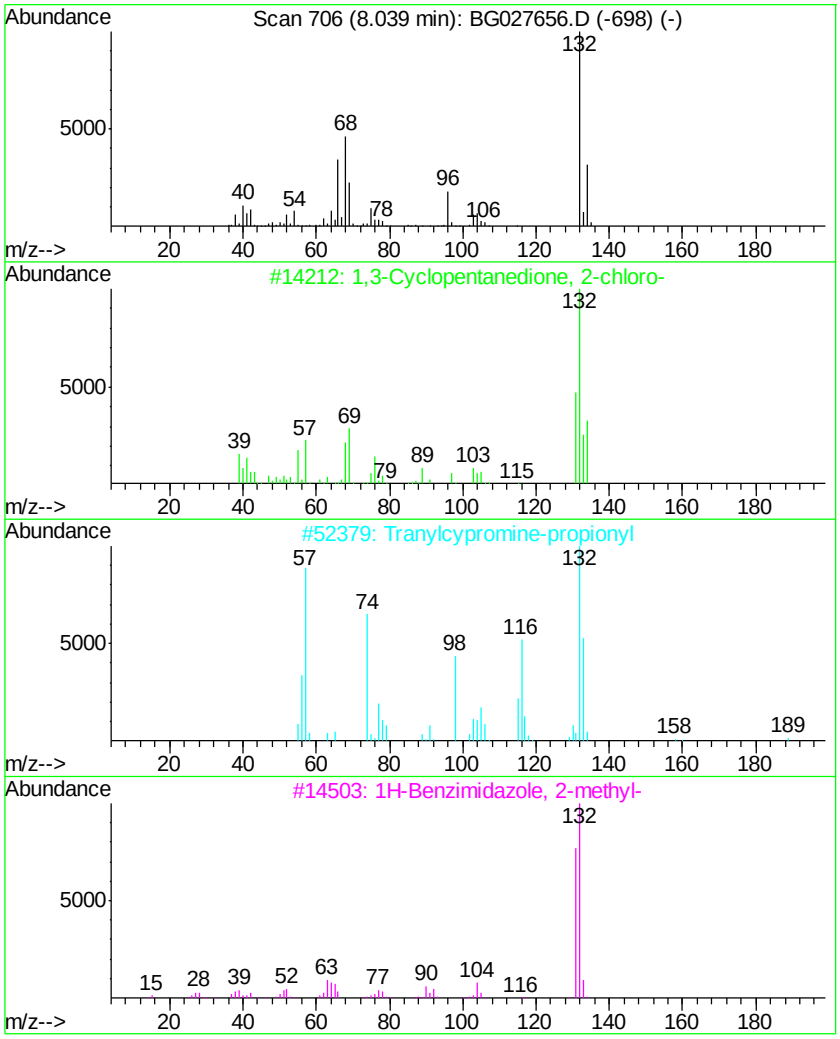
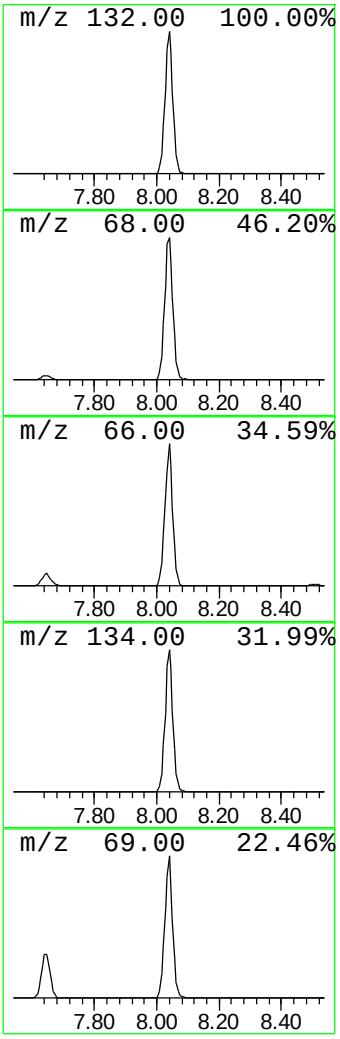
Peak Number 2 unknown8.04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	100.84 ng	655914	1,4-Dichlorobenzene-d4	8.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	32
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	22
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Aminoindole	132	C8H8N2	005192-03-0	22
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16





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Data File : BG027656.D
Acq On : 24 Jun 2017 12:51
Operator : SJ/JU
Sample : I3657-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.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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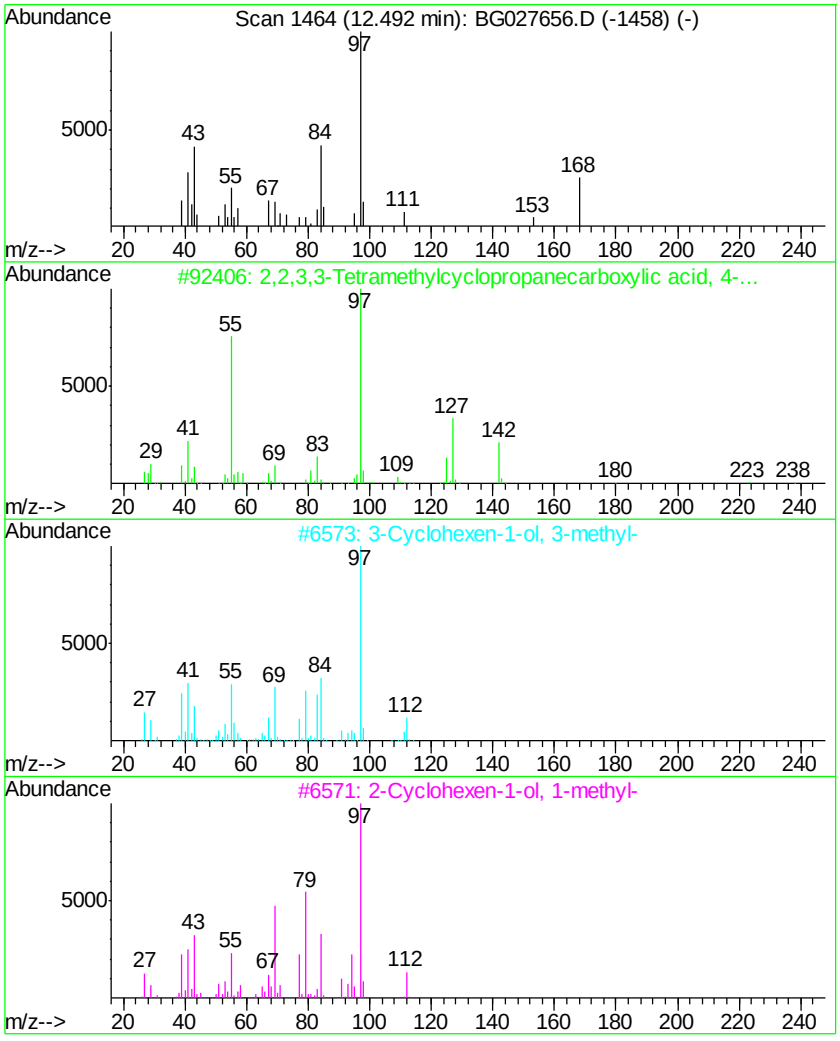
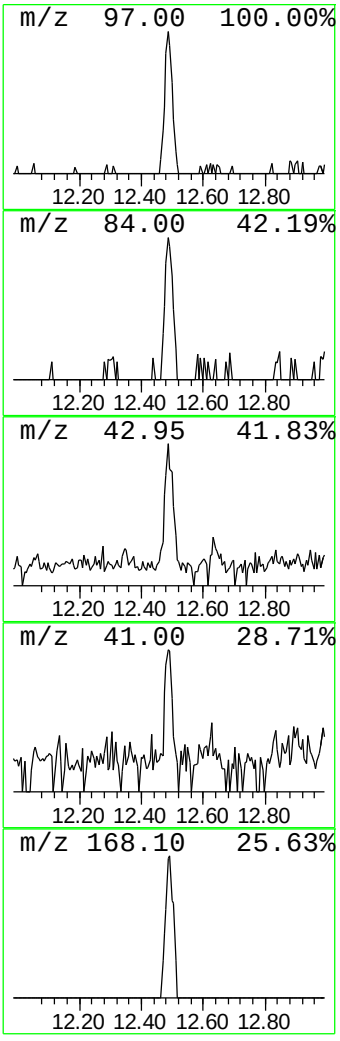
Peak Number 4 unknown12.49 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.49	2.21 ng	23470	Naphthalene-d8	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	47
2	3-Cyclohexen-1-ol, 3-methyl-	112	C7H12O	053783-91-8	45
3	2-Cyclohexen-1-ol, 1-methyl-	112	C7H12O	023758-27-2	38
4	2-Thiopheneacetic acid, 2-isopro...	276	C15H16O3S	1000293-64-1	38
5	3-Heptyn-2-ol, 2-methyl-	126	C8H14O	000763-19-9	38





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Data File : BG027656.D
Acq On : 24 Jun 2017 12:51
Operator : SJ/JU
Sample : I3657-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.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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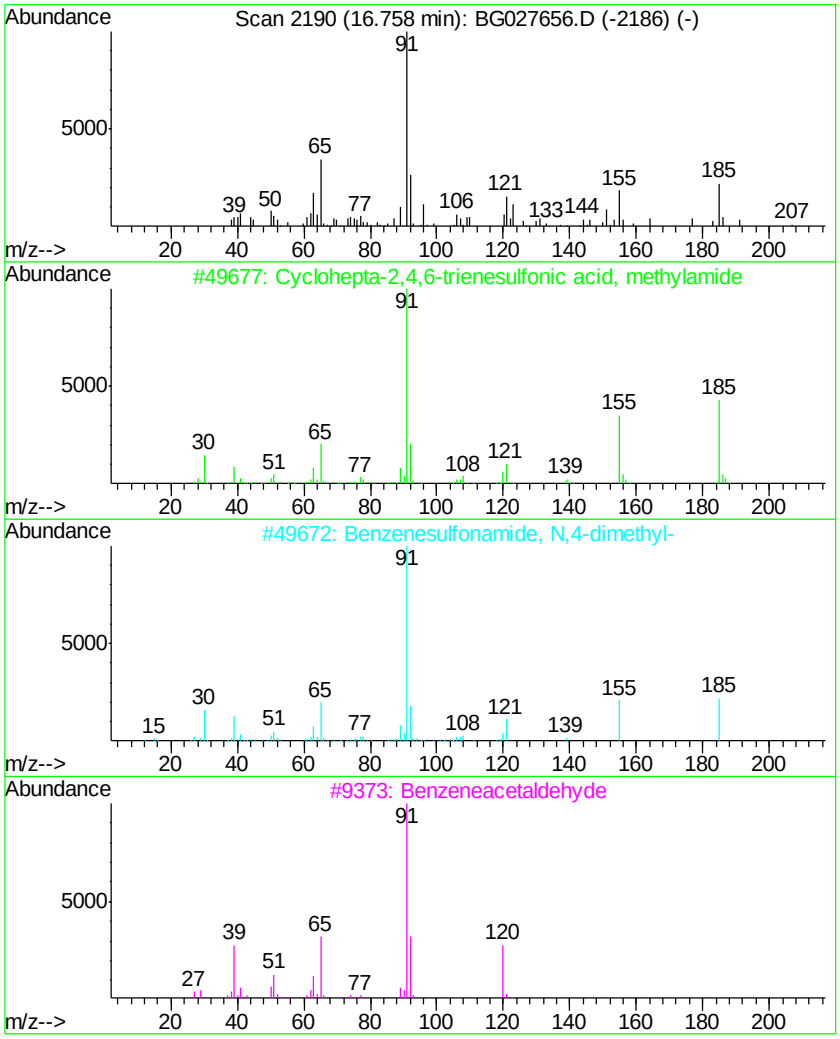
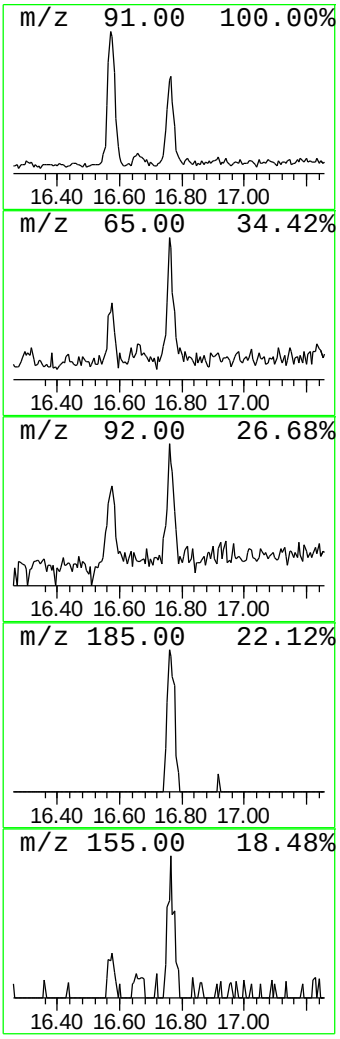
Peak Number 5 Cyclohepta-2,4,6-trienesulf... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.76	2.01 ng	36839	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohepta-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	72
2	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	72
3	Benzeneacetaldehyde	120	C8H8O	000122-78-1	43
4	Benzenesulfonyl chloride, 4-methyl-	190	C7H7ClO2S	000098-59-9	38
5	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	35





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Acq On : 24 Jun 2017 12:51
Operator : SJ/JU
Sample : I3657-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MW-103S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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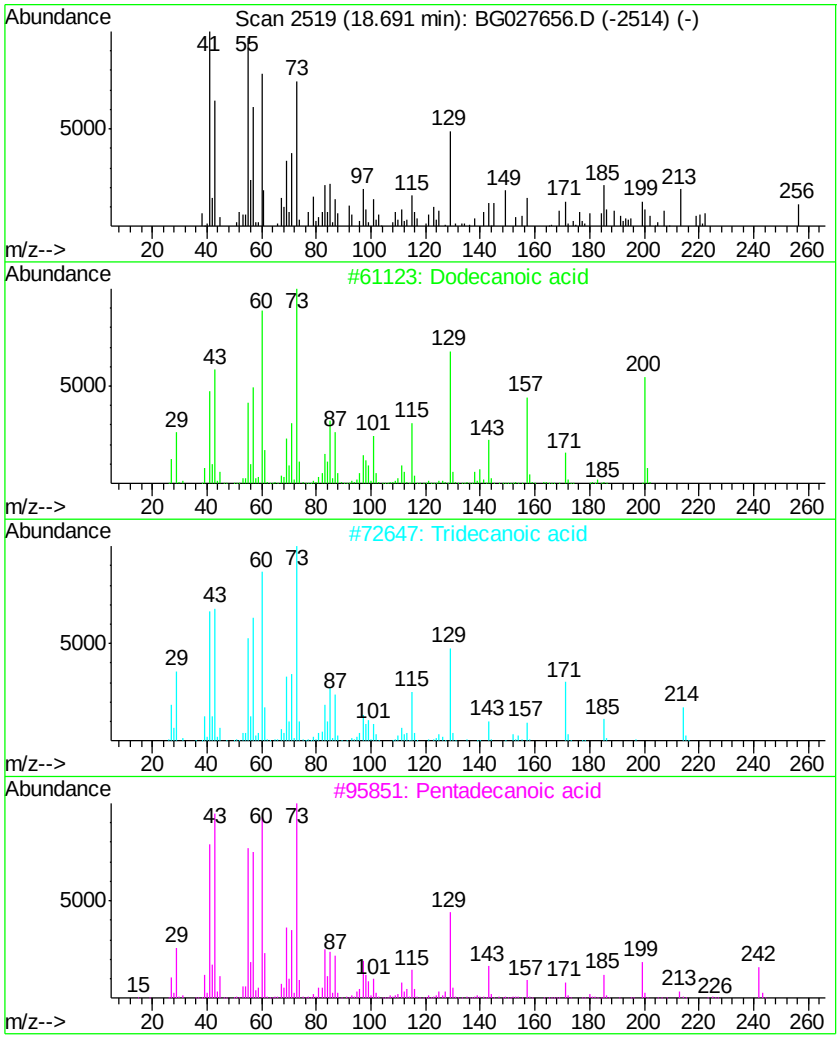
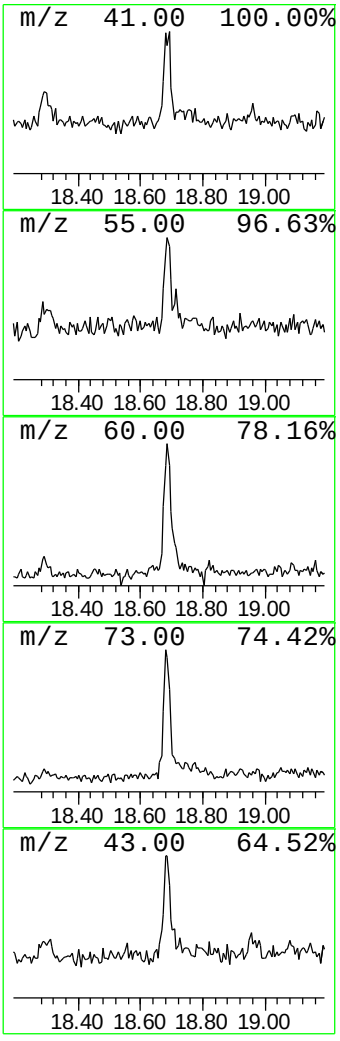
Peak Number 6 Dodecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	3.20 ng	58615	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid	200	C12H24O2	000143-07-7	93
2	Tridecanoic acid	214	C13H26O2	000638-53-9	76
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
5	n-Decanoic acid	172	C10H20O2	000334-48-5	53





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-103S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.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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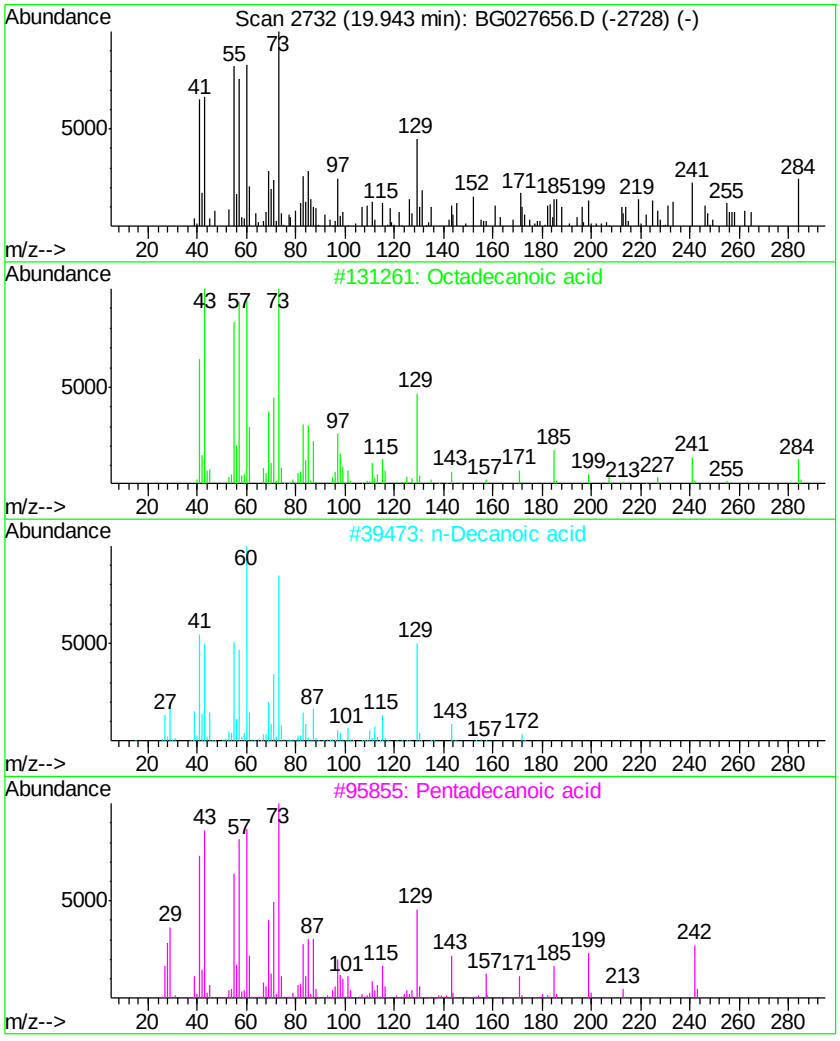
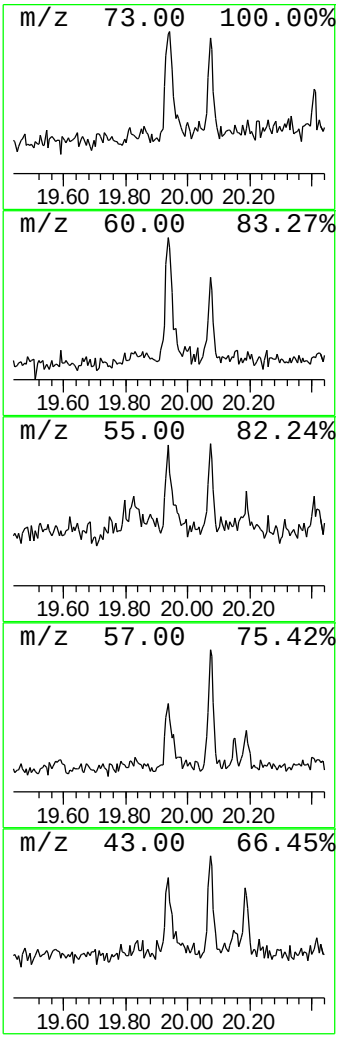
Peak Number 7 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.94	2.88 ng	52699	Phenanthrene-d10	17.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	83
2	n-Decanoic acid	172	C10H20O2	000334-48-5	38
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	38
4	Tridecanoic acid	214	C13H26O2	000638-53-9	38
5	Undecanoic acid	186	C11H22O2	000112-37-8	38





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Misc :
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Instrument : BNA_G
ClientSampleId : MW-103S

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG062117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

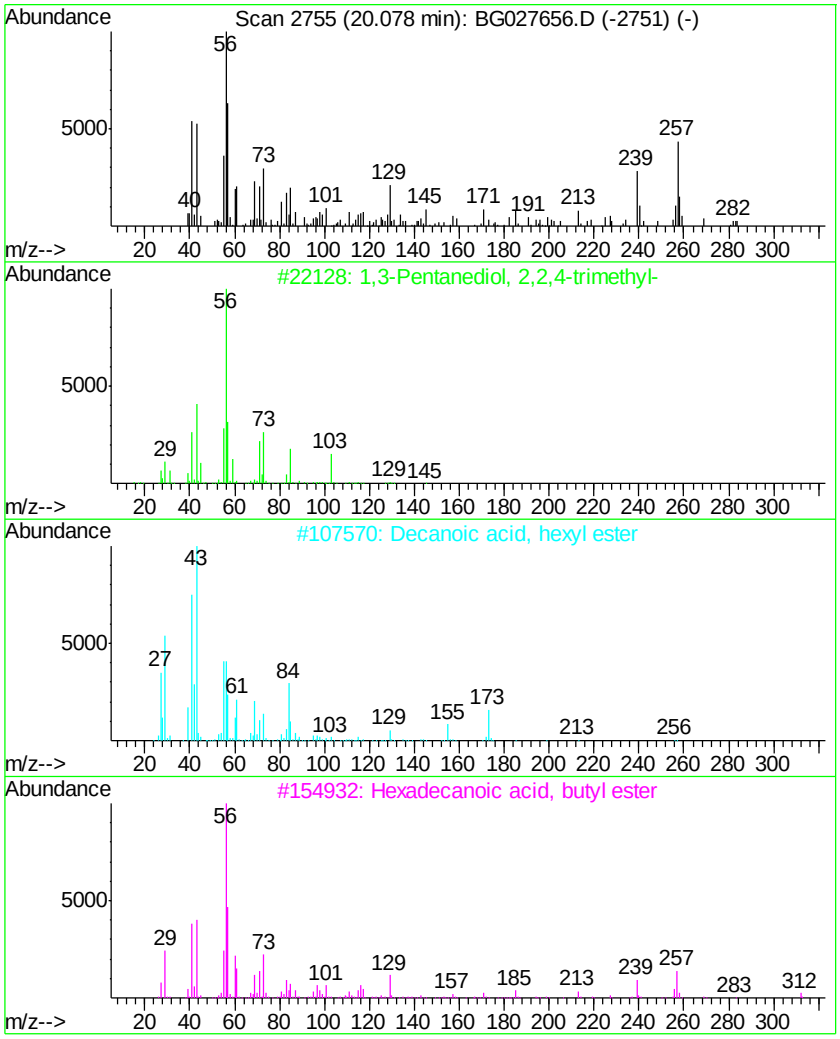
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

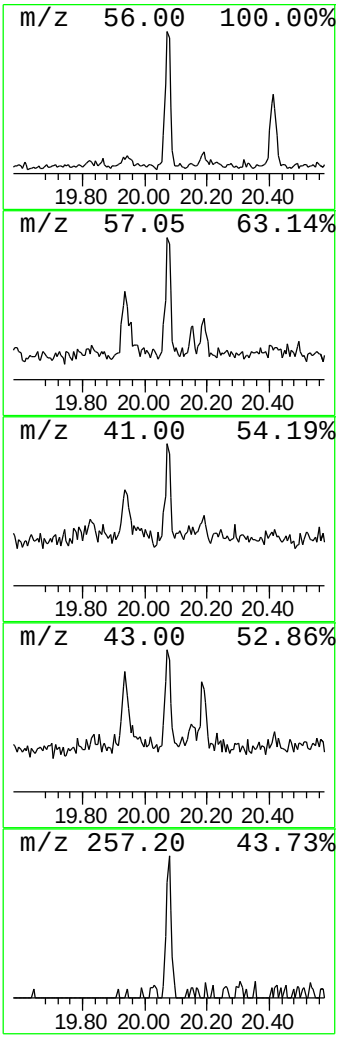
****

Peak Number 8 unknown20.08 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.08	2.55 ng	57440	Chrysene-d12	22.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	25
2	Decanoic acid, hexyl ester	256	C16H32O2	010448-26-7	16
3	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	16
4	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	14
5	4-Ethyl-4-methyl-5-methylene-[1,...	142	C7H10O3	080956-52-1	14





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.64	4.5	ng	29211	1	8.50	130094	20.0
unknown8.04	8.04	100.8	ng	655914	1	8.50	130094	20.0
unknown12.49	12.49	2.2	ng	23470	2	11.32	212233	20.0
Cyclohepta-2,4,6-...	16.76	2.0	ng	36839	4	17.84	365857	20.0
Dodecanoic acid	18.69	3.2	ng	58615	4	17.84	365857	20.0
Octadecanoic acid	19.94	2.9	ng	52699	4	17.84	365857	20.0
unknown20.08	20.08	2.5	ng	57440	5	22.20	450216	20.0