LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062918\
Data File : BG035521.D
Acq On : 30 Jun 2018 1:17
Operator : JU/SJ
Sample : J3773-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : EPE-119-5(30-32)

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:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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	5.176	315	321	328	rBV	40679	61748	3.40%	0.609%
2	5.640	390	400	411	rBV	401078	650935	35.80%	6.418%
3	7.226	662	670	681	rBV	426146	744258	40.93%	7.338%
4	7.596	726	733	742	rVB	402368	689539	37.92%	6.798%
5	8.066	807	813	820	rVB	100140	167752	9.23%	1.654%
6	8.389	859	868	876	rBV	277038	487302	26.80%	4.805%
7	9.223	1002	1010	1019	rBV	250414	446316	24.55%	4.400%
8	10.868	1282	1290	1298	rBV	129764	232428	12.78%	2.292%
9	13.306	1698	1705	1714	rBV	702003	1084185	59.63%	10.689%
10	14.129	1840	1845	1852	rBV	62277	88014	4.84%	0.868%
11	14.681	1933	1939	1947	rBV2	239033	384294	21.14%	3.789%
12	16.167	2184	2192	2201	rBV	712058	1073460	59.04%	10.584%
13	17.424	2400	2406	2413	rBV2	371985	570221	31.36%	5.622%
14	18.305	2552	2556	2562	rBV2	44882	62778	3.45%	0.619%
15	18.728	2623	2628	2632	rBV3	23875	28004	1.54%	0.276%
16	20.026	2843	2849	2860	rBV	1447382	1818225	100.00%	17.927%
17	21.325	3063	3070	3077	rBV2	72822	125017	6.88%	1.233%
18	21.689	3125	3132	3139	rBV	430609	680496	37.43%	6.709%
19	23.369	3412	3418	3424	rVB	58747	106216	5.84%	1.047%
20	24.920	3670	3682	3693	rBV2	212382	641419	35.28%	6.324%

Sum of corrected areas: 10142607

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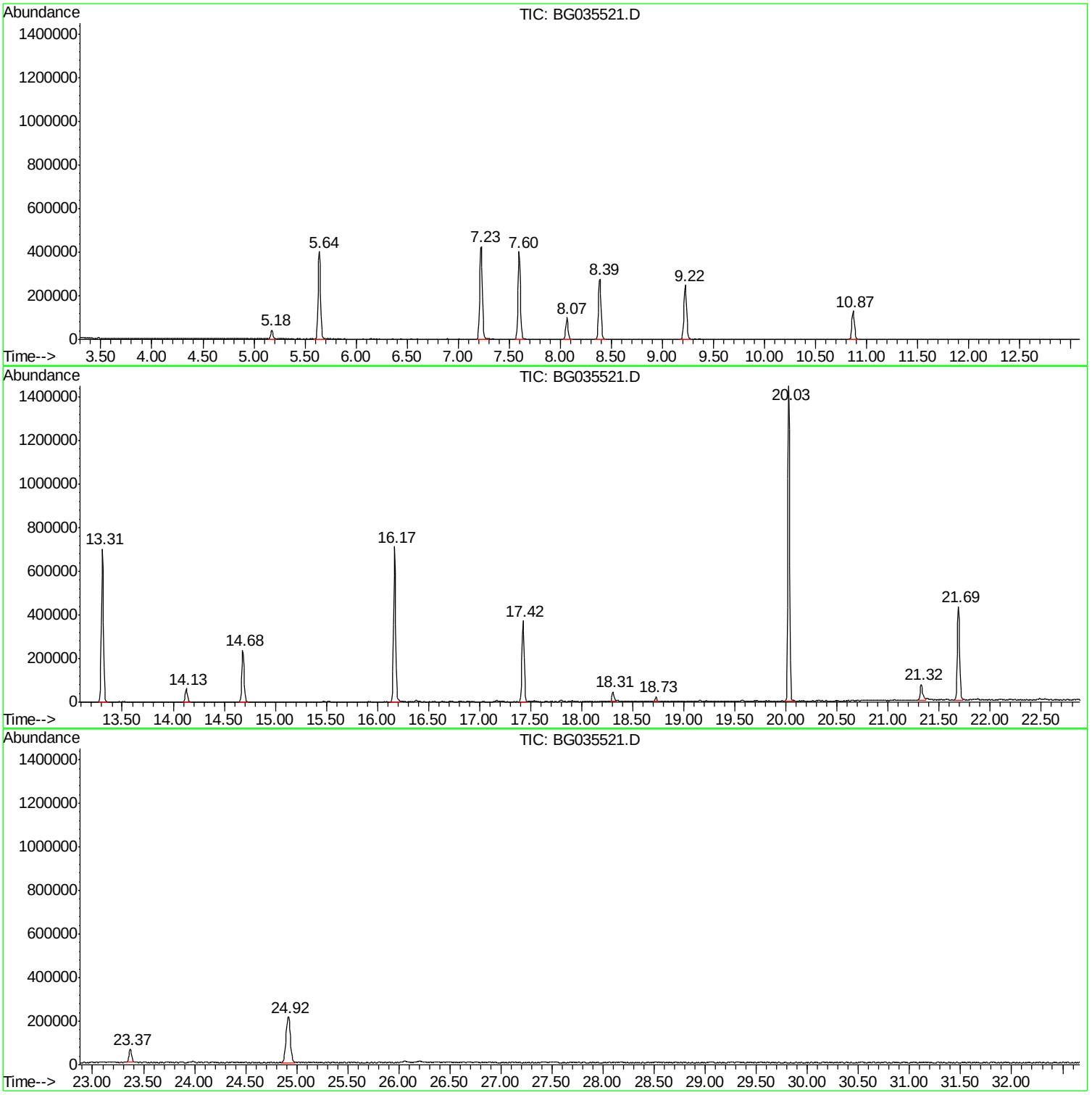
BNA_G
ClientSampleId :
EPE-119-5(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.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

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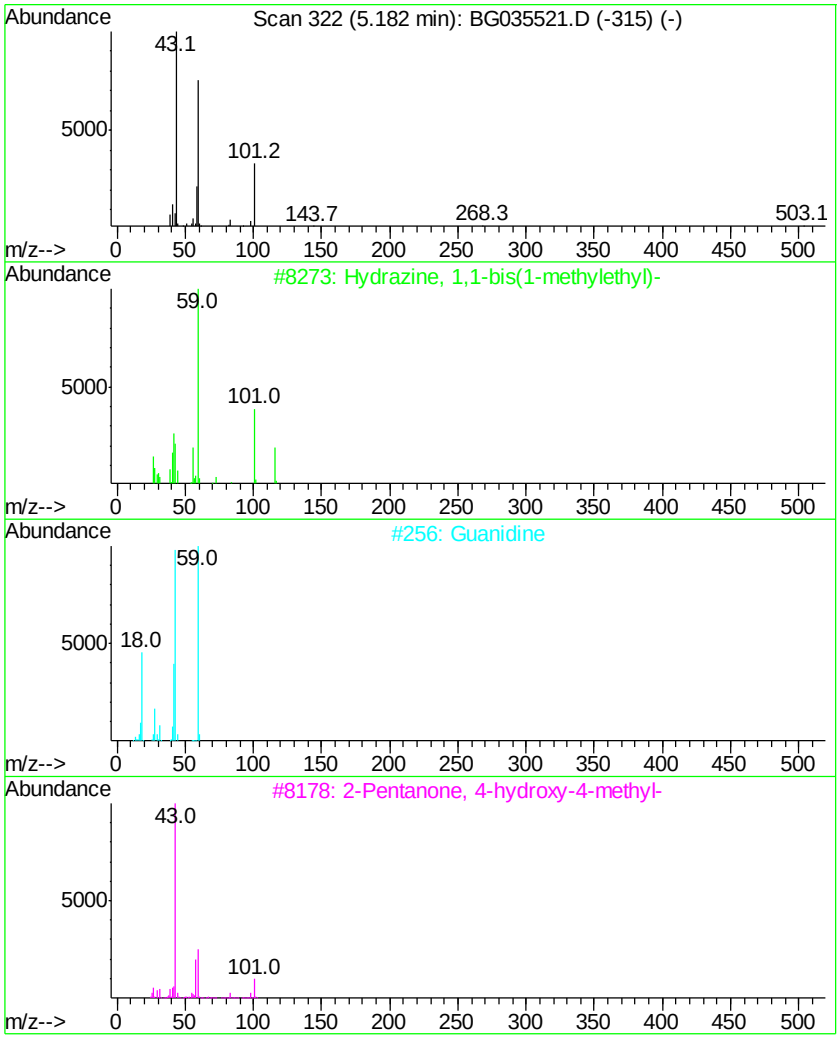
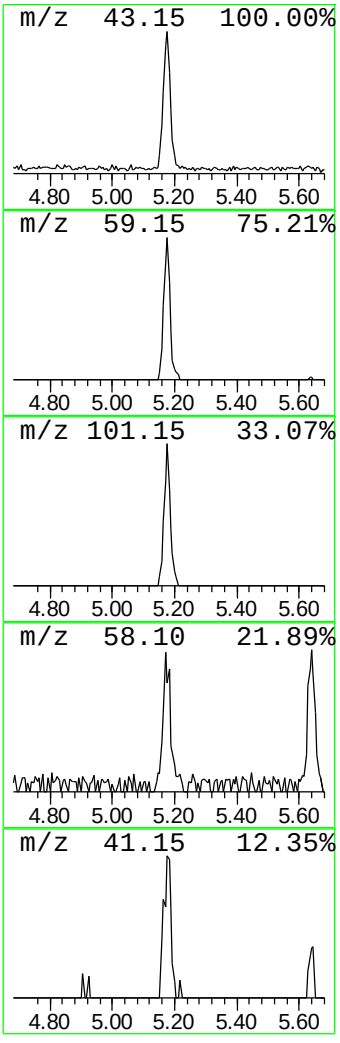
****

Peak Number 1 Hydrazine, 1,1-bis(1-methyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	7.36 ng	61748	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	53
2	Guanidine	59	CH5N3	000113-00-8	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
4	Propane, 1,1-dipropoxy-	160	C9H20O2	004744-11-0	40
5	Dimethadione	129	C5H7NO3	000695-53-4	38





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Instrument : BNA_G
ClientSampleId : EPE-119-5(30-32)

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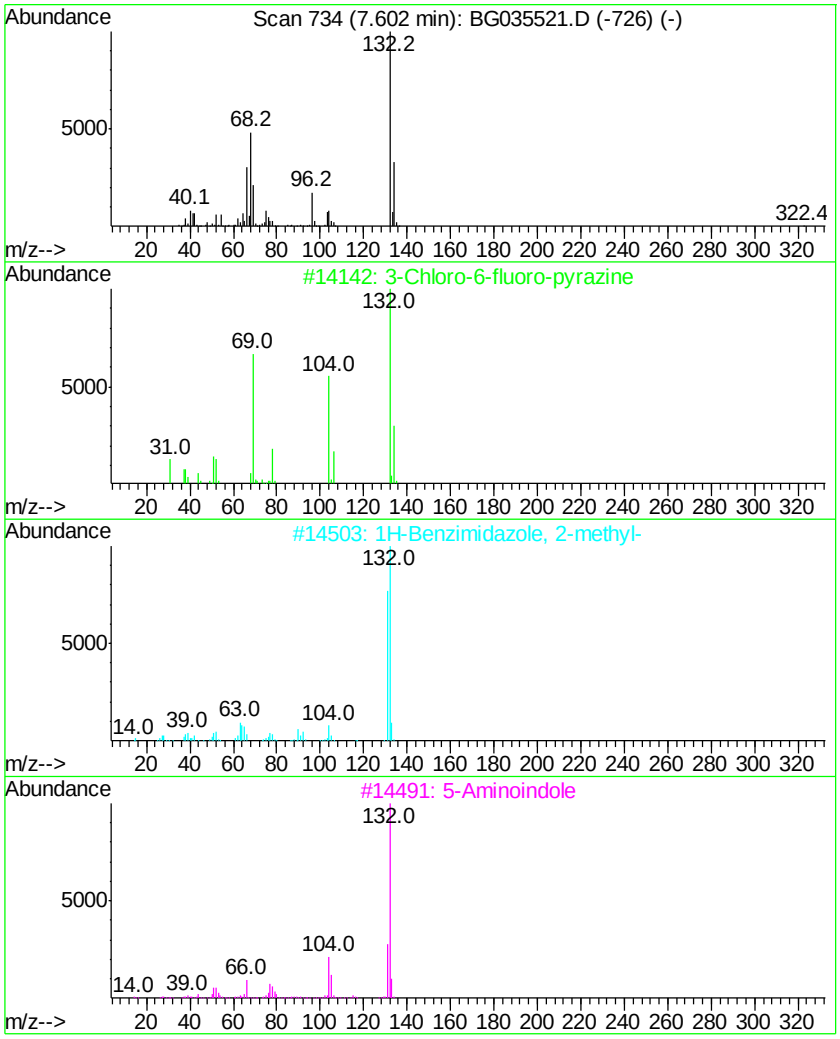
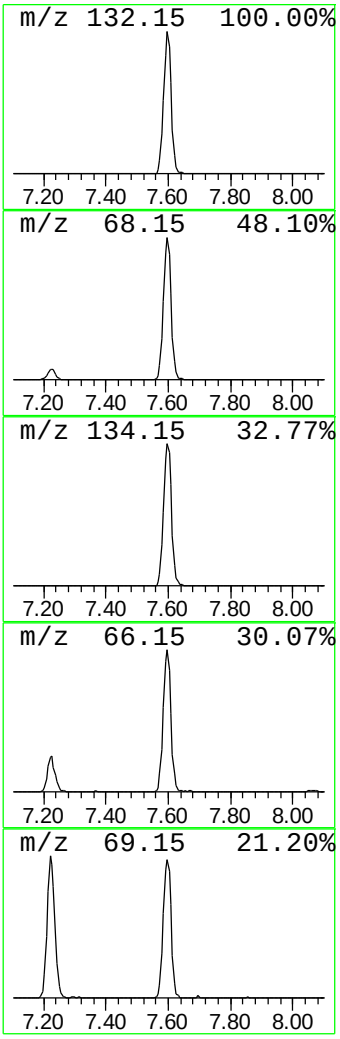
****

Peak Number 2 unknown7.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	82.21 ng	689539	1,4-Dichlorobenzene-d4	8.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Aminoindole	132	C8H8N2	005192-03-0	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	N-(-3,4-Methylenedioxyphenylisop...	267	C17H17NO2	1000378-96-6	10





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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-119-5(30-32)

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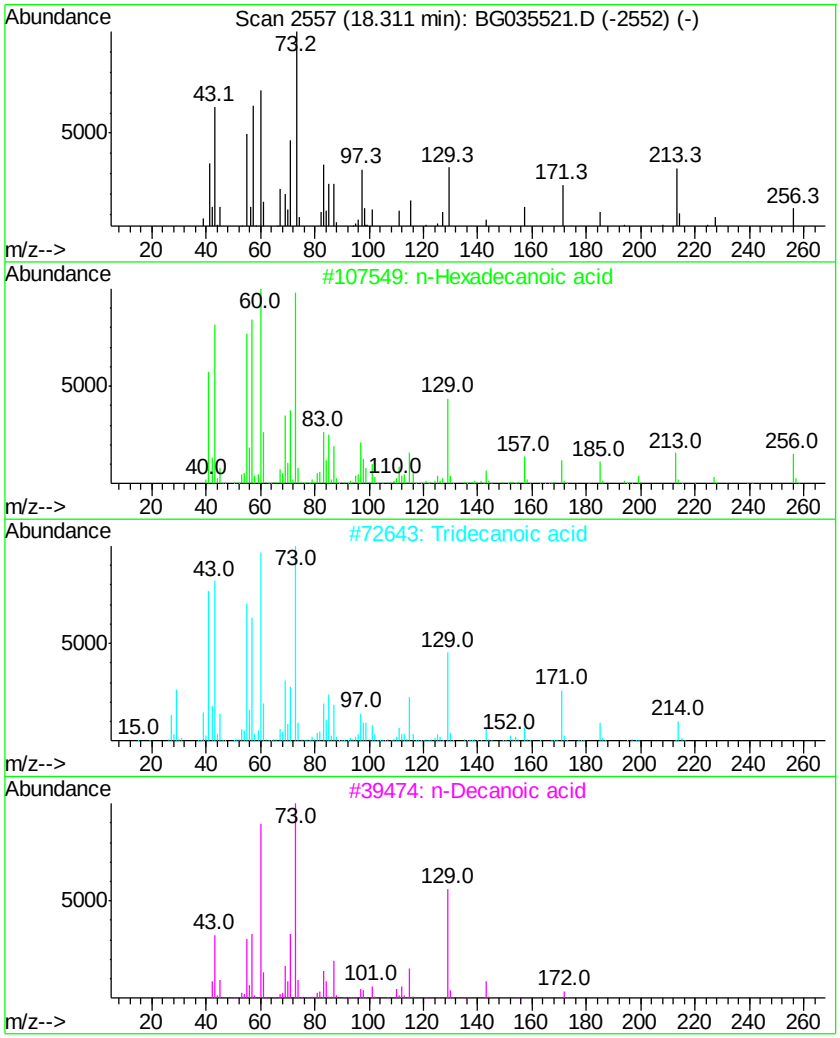
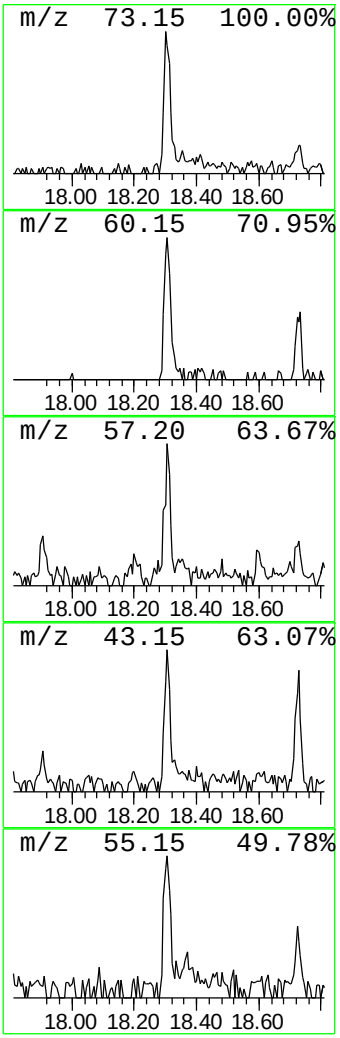
Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.31	2.20 ng	62778	Phenanthrene-d10	17.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	89
3	n-Decanoic acid	172	C10H20O2	000334-48-5	43
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	43
5	Nonanoic acid	158	C9H18O2	000112-05-0	25





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Misc :
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Instrument : BNA_G
ClientSampleId : EPE-119-5(30-32)

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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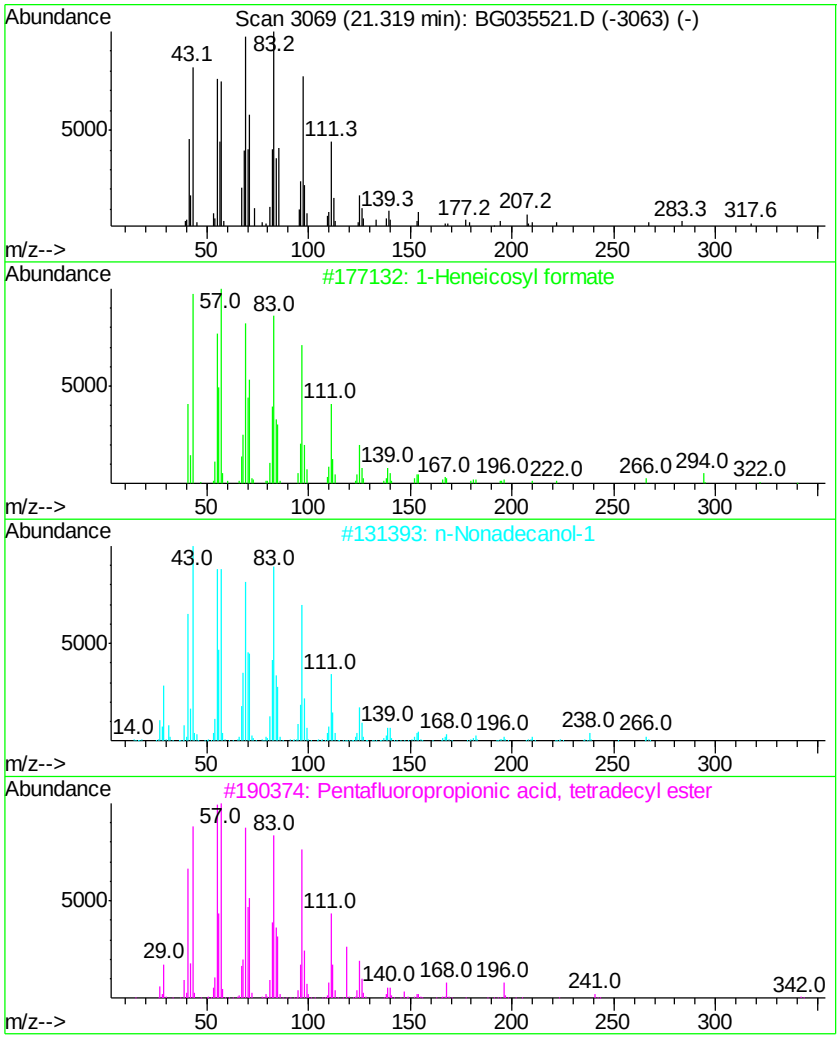
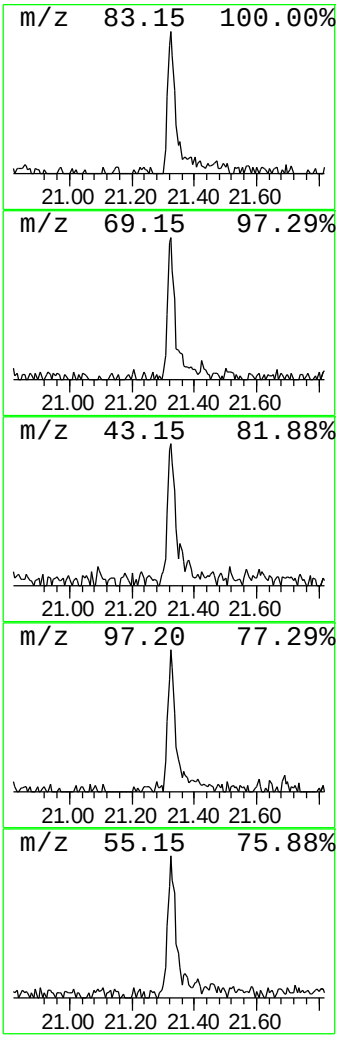
Peak Number 5 1-Heneicosyl formate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.32	3.67 ng	125017	Chrysene-d12	21.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	n-Nonadecanol-1	284	C19H40O	001454-84-8	94
3	Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94
4	n-Pentadecanol	228	C15H32O	000629-76-5	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





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Instrument : BNA_G
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG060718.M
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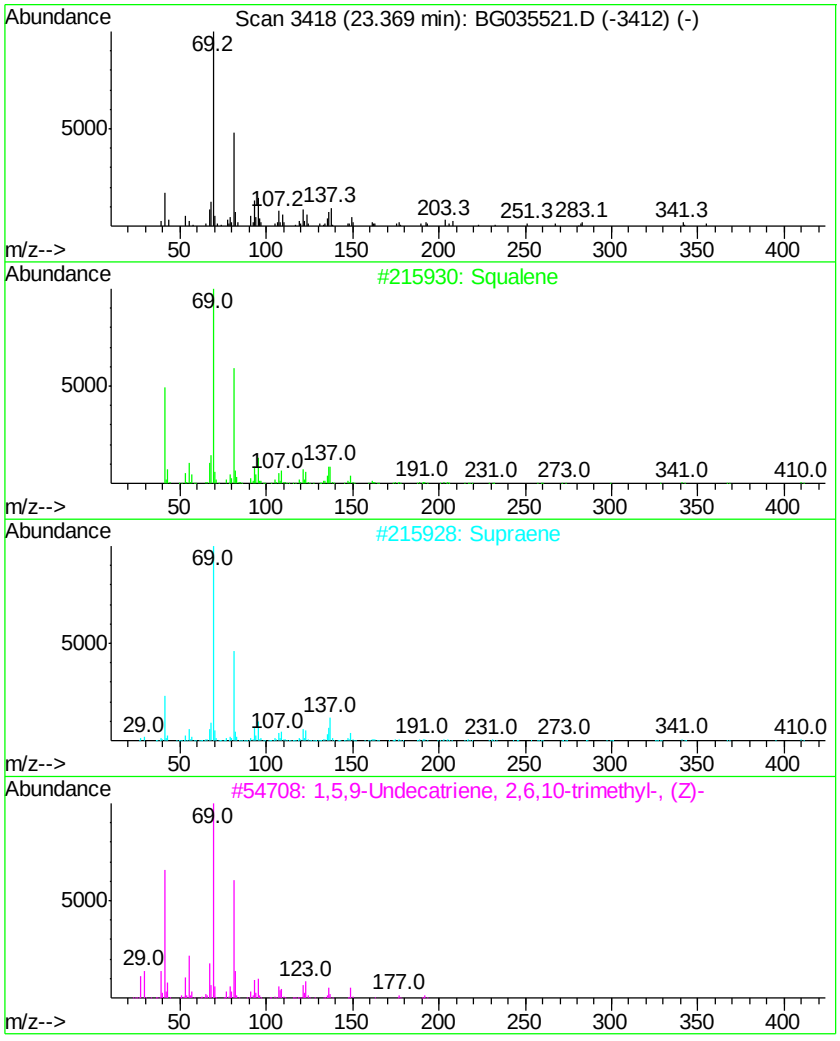
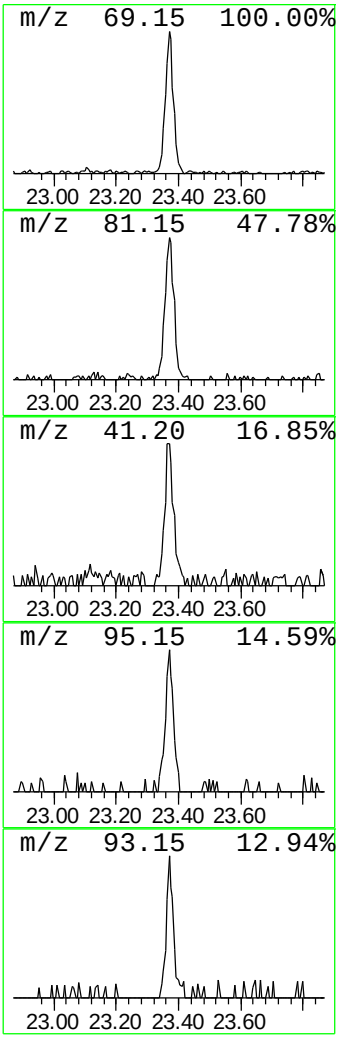
****

Peak Number 6 Squalene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.37	3.31 ng	106216	Perylene-d12	24.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Squalene	410	C30H50	000111-02-4	87
2	Supraene	410	C30H50	007683-64-9	83
3	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	64
4	trans-Farnesol	222	C15H26O	000106-28-5	59
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	59





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
Hydrazine, 1,1-bi...	5.18	7.4	ng	61748	1	8.06	167752	20.0
unknown7.60	7.60	82.2	ng	689539	1	8.06	167752	20.0
n-Hexadecanoic acid	18.31	2.2	ng	62778	4	17.42	570221	20.0
1-Heneicosyl formate	21.32	3.7	ng	125017	5	21.69	680496	20.0
Squalene	23.37	3.3	ng	106216	6	24.92	641419	20.0