LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071420\
Data File : BG046035.D
Acq On : 14 Jul 2020 16:26
Operator : CG/JU
Sample : L3283-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP

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-BG070620.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	3.143	3	9	17	rBV2	146645	365592	5.67%	1.057%
2	3.225	17	23	33	rVB	391234	682276	10.57%	1.973%
3	5.592	417	426	437	rBV	1962368	3109139	48.19%	8.989%
4	7.172	686	695	707	rBV	1873782	3251655	50.40%	9.401%
5	8.001	827	836	844	rVB	458465	760163	11.78%	2.198%
6	9.152	1024	1032	1043	rBV	1152791	2059012	31.91%	5.953%
7	10.803	1304	1313	1321	rBV	582195	1059541	16.42%	3.063%
8	13.252	1723	1730	1741	rBV	2709225	4194277	65.00%	12.126%
9	14.075	1863	1870	1880	rBV	369294	529205	8.20%	1.530%
10	14.621	1956	1963	1975	rBV	843763	1358015	21.05%	3.926%
11	16.107	2209	2216	2226	rBV	1992597	2990951	46.36%	8.647%
12	17.365	2423	2430	2440	rBV	1082071	1659818	25.72%	4.799%
13	18.275	2579	2585	2592	rBV	247238	376405	5.83%	1.088%
14	19.045	2711	2716	2720	rBV	290315	353717	5.48%	1.023%
15	19.444	2780	2784	2792	rVB	106629	138078	2.14%	0.399%
16	19.538	2796	2800	2808	rBV2	69030	112624	1.75%	0.326%
17	19.985	2869	2876	2882	rBV	4804268	6452249	100.00%	18.654%
18	20.895	3027	3031	3037	rBV	170303	211222	3.27%	0.611%
19	21.295	3095	3099	3109	rVB	558627	761600	11.80%	2.202%
20	21.624	3148	3155	3162	rBV	1167332	1909617	29.60%	5.521%
21	22.464	3294	3298	3304	rBV4	50121	91861	1.42%	0.266%
22	24.772	3681	3691	3703	rVV2	647554	1837005	28.47%	5.311%
23	24.884	3705	3710	3718	rVB6	33211	75310	1.17%	0.218%
24	26.012	3896	3902	3910	rVB4	27382	68762	1.07%	0.199%
25	26.112	3910	3919	3929	rBV10	50984	180510	2.80%	0.522%

Sum of corrected areas: 34588604

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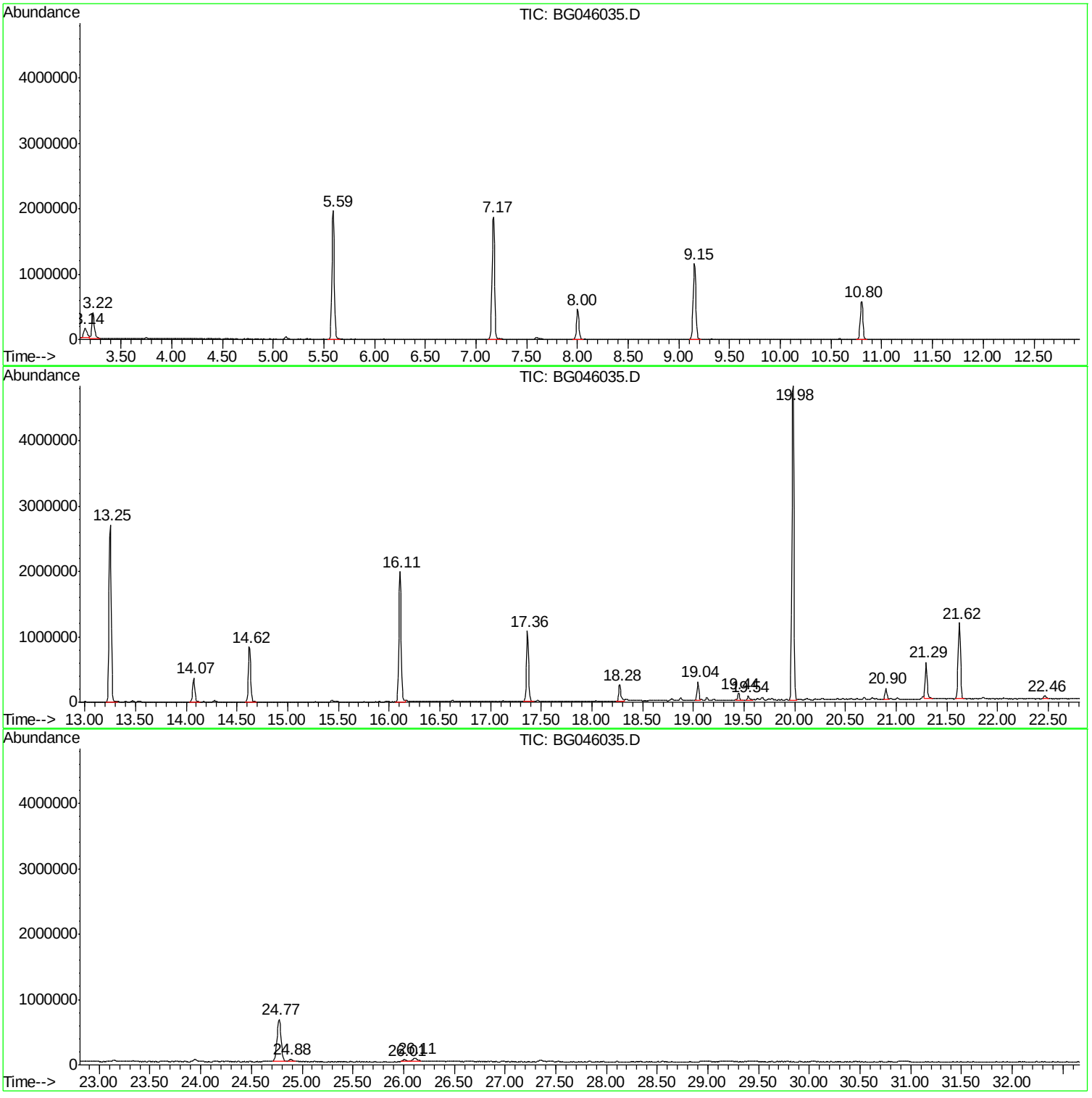
Instrument : BNA_G
ClientSampleId : TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG070620.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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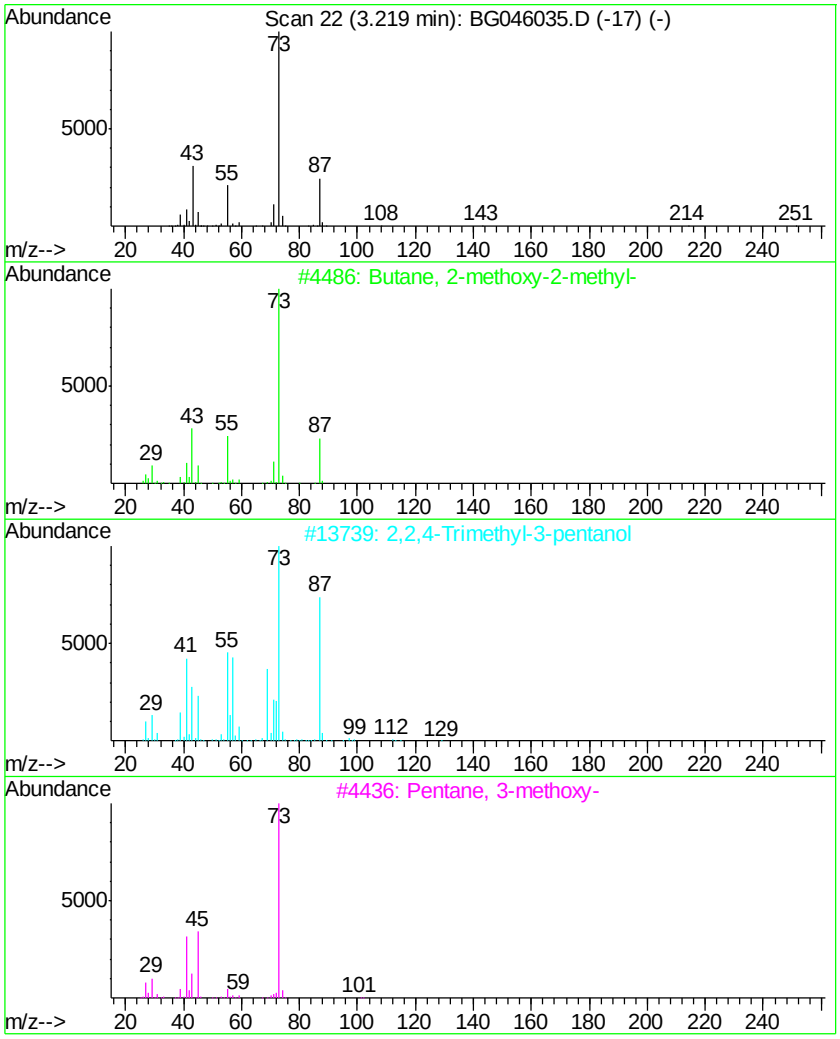
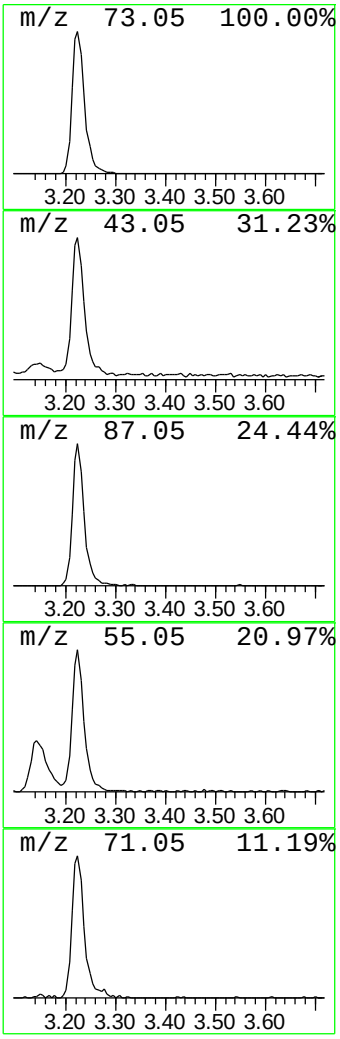
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.22	17.95 ng	682276	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





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Sample : L3283-03
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Instrument : BNA_G
ClientSampleId : TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG070620.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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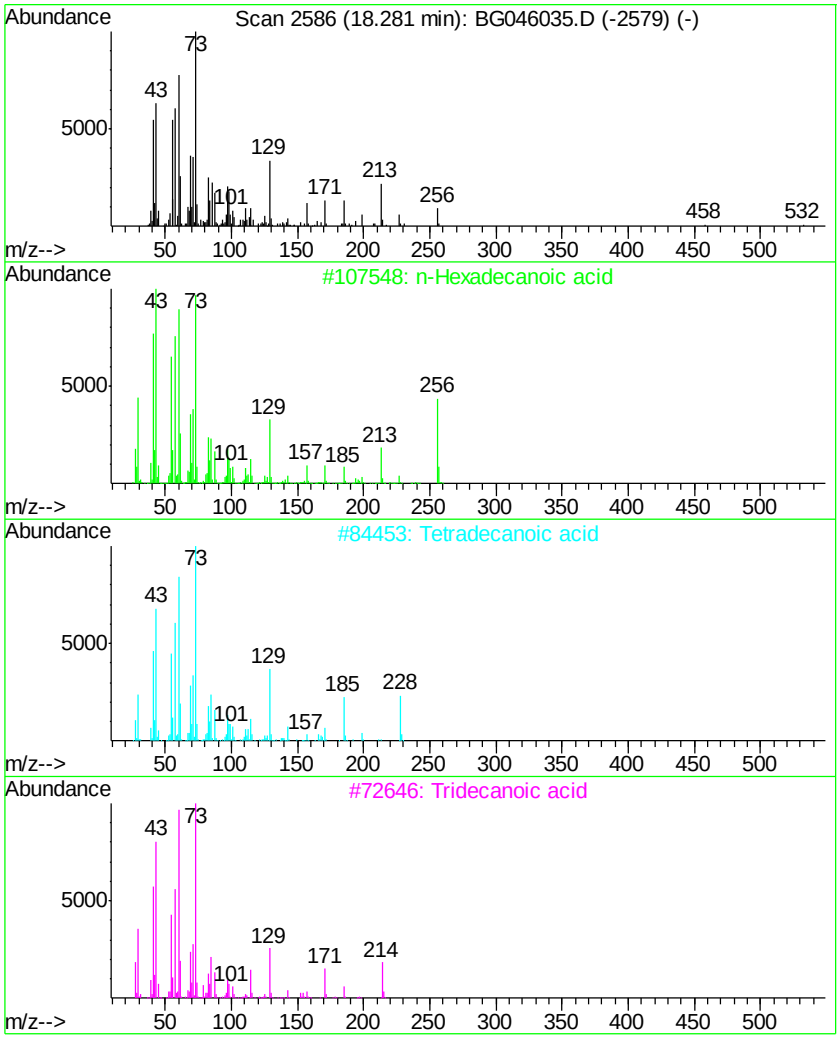
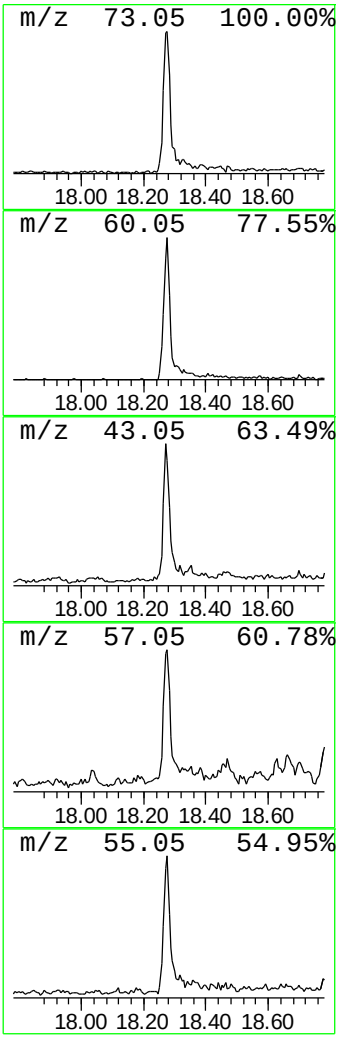
Peak Number 3 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.28	4.54 ng	376405	Phenanthrene-d10	17.36

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	n-Decanoic acid	172	C10H20O2	000334-48-5	59





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Sample : L3283-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG070620.M
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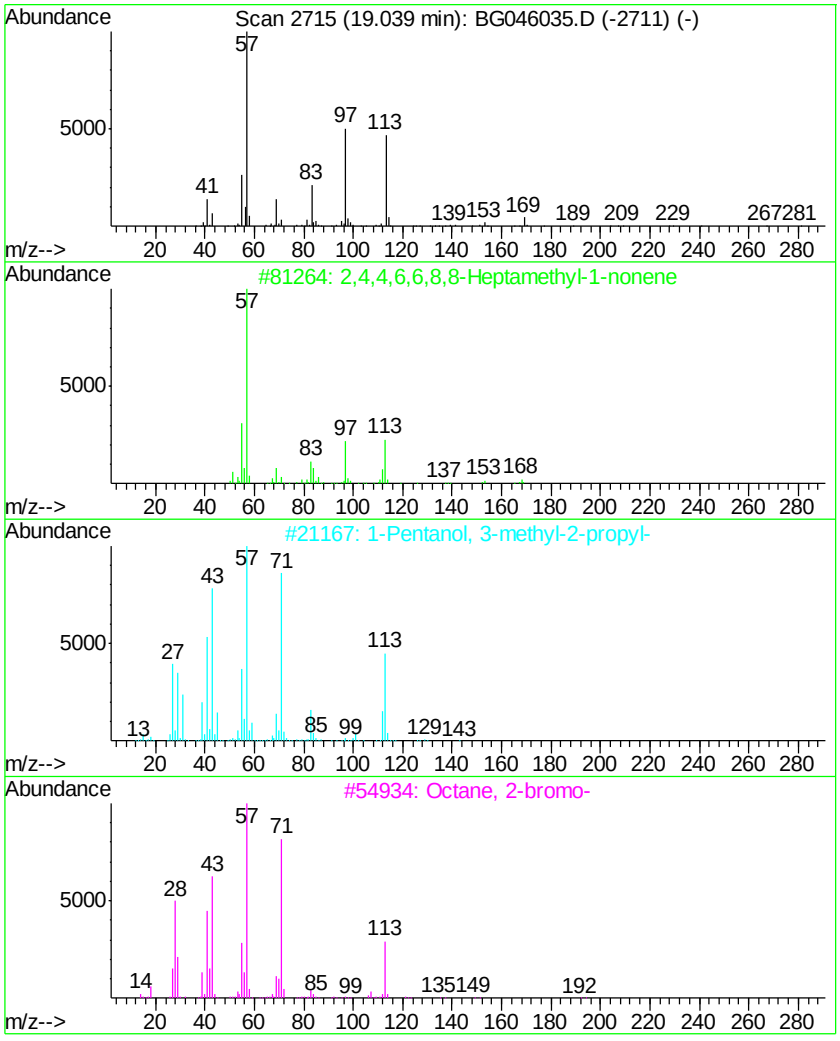
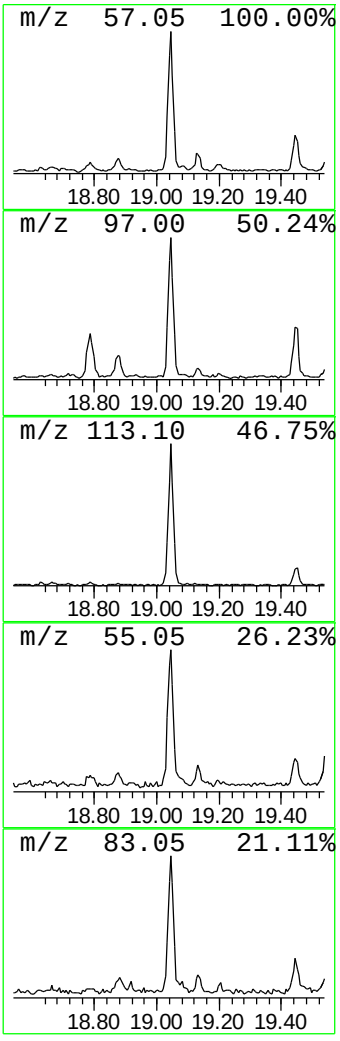
Peak Number 4 unknown19.04 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.04	4.26 ng	353717	Phenanthrene-d10	17.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	47
2	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	40
3	Octane, 2-bromo-	192	C8H17Br	000557-35-7	37
4	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	32
5	3-Methylpentyl ethylphosphonoflu...	196	C8H18FO2P	1000298-39-1	27





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Instrument : BNA_G
ClientSampleId : TP

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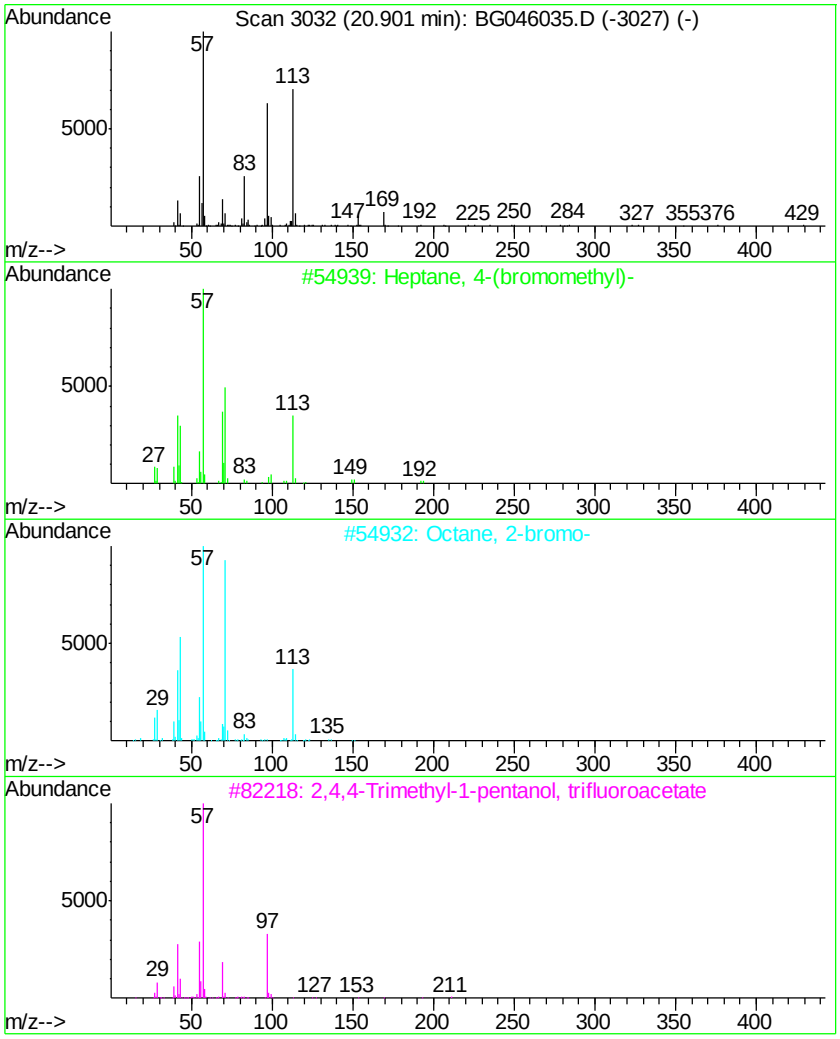
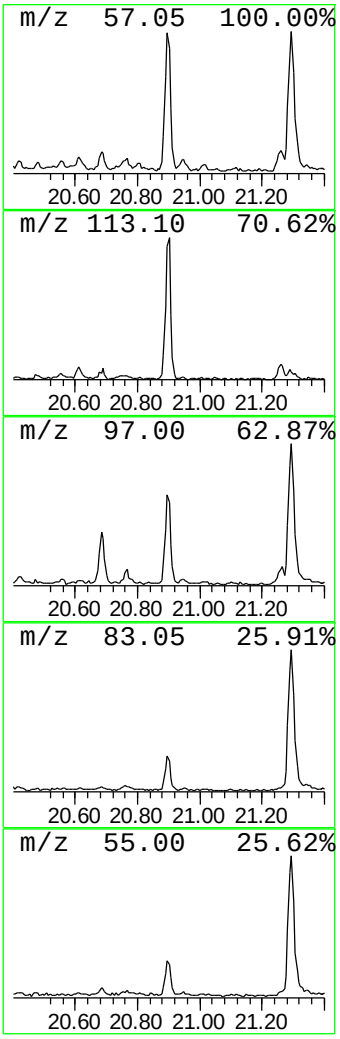
Peak Number 5 unknown20.90 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.90	2.21 ng	211222	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-(bromomethyl)-	192	C8H17Br	101654-29-9	38
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	35
3	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35
4	Acetamide, 2-(4-methyl-1-piperaz...	267	C13H18ClN3O	296245-55-1	27
5	18-Fluoro-octadecanoic acid, pyr...	355	C22H42FNO	1000336-07-8	25





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG070620.M
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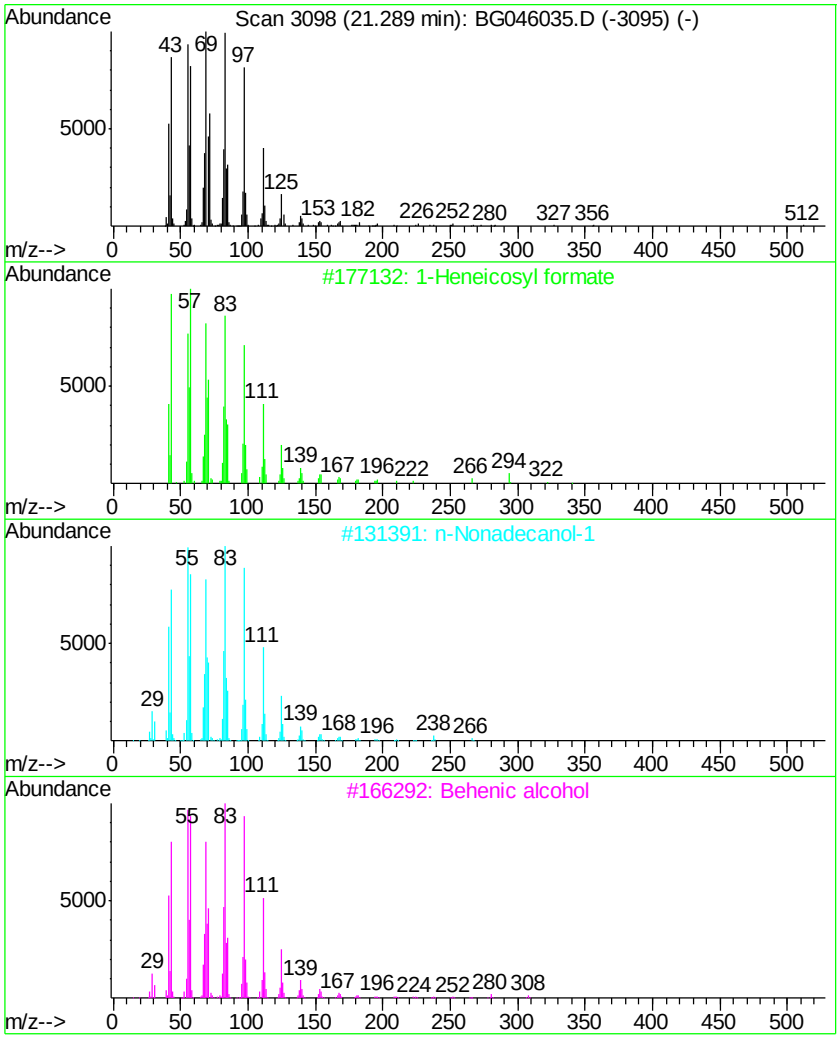
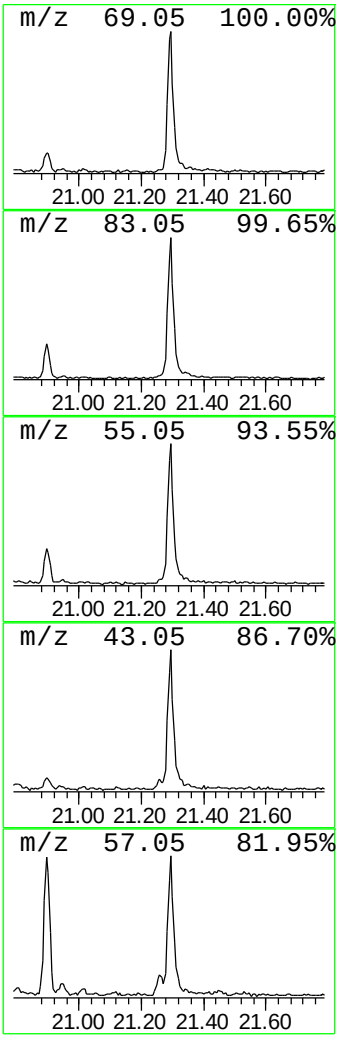
****

Peak Number 6 1-Heneicosyl formate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	7.98 ng	761600	Chrysene-d12	21.62

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	Behenic alcohol	326	C22H46O	000661-19-8	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	1-Heneicosanol	312	C21H44O	015594-90-8	91





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
Butane, 2-methoxy...	3.22	17.9	ng	682276	1	8.00	760163	20.0
n-Hexadecanoic acid	18.28	4.5	ng	376405	4	17.36	1659820	20.0
unknown19.04	19.04	4.3	ng	353717	4	17.36	1659820	20.0
unknown20.90	20.90	2.2	ng	211222	5	21.62	1909620	20.0
1-Heneicosyl formate	21.29	8.0	ng	761600	5	21.62	1909620	20.0