LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG103017\
Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.325	3	6	19	rVB3	37344	69920	0.49%	0.091%
2	4.536	204	212	223	rVB	93326	148650	1.04%	0.193%
3	4.953	277	283	292	rVV	54388	84831	0.59%	0.110%
4	6.839	598	604	612	rVB	50141	84913	0.59%	0.110%
5	7.150	644	657	674	rBV	25308	61753	0.43%	0.080%
6	7.321	674	686	701	rVB2	336329	693530	4.86%	0.900%
7	7.479	704	713	724	rVB	245743	409817	2.87%	0.532%
8	7.697	741	750	769	rVB	318233	569331	3.99%	0.739%
9	8.161	820	829	846	rVB	266469	466477	3.27%	0.606%
10	8.866	940	949	961	rBV	411851	712442	4.99%	0.925%
11	9.324	1017	1027	1040	rBV	310754	570198	3.99%	0.740%
12	10.053	1141	1151	1161	rBV	288793	517719	3.63%	0.672%
13	10.206	1170	1177	1184	rBV	20887	53479	0.37%	0.069%
14	10.593	1231	1243	1260	rVB	469623	842716	5.90%	1.094%
15	10.975	1299	1308	1321	rBV	421386	785162	5.50%	1.019%
16	11.105	1321	1330	1351	rVB	105084	233233	1.63%	0.303%
17	12.274	1523	1529	1537	rVV	75152	121927	0.85%	0.158%
18	13.149	1668	1678	1688	rVV6	29636	65119	0.46%	0.085%
19	13.531	1736	1743	1751	rVV6	24799	56952	0.40%	0.074%
20	13.660	1759	1765	1776	rBV3	84867	159653	1.12%	0.207%
21	13.872	1794	1801	1811	rBV	46168	100506	0.70%	0.130%
22	14.172	1845	1852	1858	rBV	787309	1226495	8.59%	1.592%
23	14.219	1858	1860	1869	rVB	66395	85280	0.60%	0.111%
24	14.471	1896	1903	1911	rVV	888644	1468938	10.29%	1.907%
25	14.612	1921	1927	1932	rBV2	41421	65045	0.46%	0.084%
26	14.730	1939	1947	1951	rVV	252029	399649	2.80%	0.519%
27	14.777	1951	1955	1962	rVV2	664442	1100234	7.70%	1.428%
28	14.835	1962	1965	1980	rVB7	65728	149507	1.05%	0.194%
29	14.971	1980	1988	1993	rBV	281968	475493	3.33%	0.617%
30	15.018	1993	1996	2004	rVV5	63048	153926	1.08%	0.200%
31	15.088	2004	2008	2017	rVB2	43294	110319	0.77%	0.143%
32	15.764	2116	2123	2130	rBV	1172243	1796571	12.58%	2.332%
33	15.881	2136	2143	2151	rVB	294796	446212	3.12%	0.579%
34	15.993	2157	2162	2170	rVB8	32434	66365	0.46%	0.086%

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Data File : BG030598.D
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Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

35	16.122	2170	2184	2190	rBV	365008	630967	4.42%	0.819%
36	16.240	2199	2204	2210	rVB	105712	169076	1.18%	0.219%
37	16.328	2215	2219	2226	rBV4	38150	62705	0.44%	0.081%
38	16.404	2226	2232	2237	rVV5	28829	61613	0.43%	0.080%
39	16.481	2237	2245	2252	rVB7	24793	56159	0.39%	0.073%
40	16.610	2260	2267	2274	rBV2	95643	165823	1.16%	0.215%
41	17.515	2415	2421	2426	rVV2	815394	1274527	8.93%	1.654%
42	17.562	2426	2429	2433	rVV	227172	319440	2.24%	0.415%
43	17.615	2433	2438	2450	rVV2	1084103	1697571	11.89%	2.204%
44	17.797	2460	2469	2475	rBV2	24903	53895	0.38%	0.070%
45	17.920	2478	2490	2499	rBV	38084	94347	0.66%	0.122%
46	18.085	2514	2518	2527	rVB10	34518	75210	0.53%	0.098%
47	18.384	2562	2569	2574	rBV2	245082	340054	2.38%	0.441%
48	18.437	2574	2578	2587	rVB3	60183	106978	0.75%	0.139%
49	18.584	2597	2603	2607	rBV3	56317	105894	0.74%	0.137%
50	18.737	2624	2629	2634	rBV3	31681	59970	0.42%	0.078%
51	18.919	2656	2660	2670	rVB2	84945	139361	0.98%	0.181%
52	19.301	2719	2725	2731	rBV4	47290	73815	0.52%	0.096%
53	19.559	2756	2769	2774	rBV	715580	1153849	8.08%	1.498%
54	19.647	2780	2784	2796	rVB4	118028	227911	1.60%	0.296%
55	19.788	2804	2808	2813	rBV4	27798	52487	0.37%	0.068%
56	19.888	2819	2825	2838	rBV2	1433940	3012494	21.10%	3.911%
57	20.088	2849	2859	2864	rBV2	38613	110872	0.78%	0.144%
58	20.264	2878	2889	2897	rBV5	131979	355185	2.49%	0.461%
59	20.364	2901	2906	2909	rBV5	88828	142490	1.00%	0.185%
60	20.400	2909	2912	2920	rVB2	216313	330468	2.31%	0.429%
61	20.505	2925	2930	2935	rBV2	77105	122865	0.86%	0.159%
62	20.564	2935	2940	2944	rVV3	49312	83184	0.58%	0.108%
63	20.687	2957	2961	2967	rBV2	116935	200713	1.41%	0.261%
64	20.805	2977	2981	2985	rBV5	45457	64530	0.45%	0.084%
65	20.999	3011	3014	3019	rVB4	59093	79889	0.56%	0.104%
66	21.058	3019	3024	3032	rBV	173572	252725	1.77%	0.328%
67	21.175	3040	3044	3047	rBV	46746	65919	0.46%	0.086%
68	21.234	3047	3054	3060	rBV	3567760	5011942	35.10%	6.506%
69	21.328	3062	3070	3072	rBV8	95108	219001	1.53%	0.284%
70	21.404	3078	3083	3089	rVB	526861	791287	5.54%	1.027%
71	21.510	3097	3101	3115	rVB2	76419	179127	1.25%	0.233%

LSC Area Percent Report

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Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

72	21.622	3117	3120	3123	rBV4	33293	49028	0.34%	0.064%
73	21.657	3123	3126	3130	rVB2	50627	68931	0.48%	0.089%
74	21.792	3139	3149	3154	rBV2	978342	2116225	14.82%	2.747%
75	21.839	3154	3157	3164	rVB	281639	430552	3.01%	0.559%
76	21.992	3176	3183	3189	rVB5	56721	155346	1.09%	0.202%
77	22.215	3214	3221	3226	rBV4	108197	241509	1.69%	0.314%
78	22.274	3227	3231	3254	rVB4	96170	367148	2.57%	0.477%
79	22.615	3280	3289	3297	rBV3	608462	1359314	9.52%	1.765%
80	22.879	3303	3334	3361	rVB3	2263663	14280404	100.00%	18.537%
81	23.302	3401	3406	3411	rVB	62591	113135	0.79%	0.147%
82	23.660	3461	3467	3484	rVB8	106428	296311	2.07%	0.385%
83	24.054	3525	3534	3540	rBV2	229257	720570	5.05%	0.935%
84	24.130	3540	3547	3554	rVV2	1153231	2679993	18.77%	3.479%
85	24.195	3554	3558	3573	rVB3	165447	422135	2.96%	0.548%
86	24.794	3654	3660	3666	rBV	117530	290028	2.03%	0.376%
87	24.883	3666	3675	3683	rVV2	678148	1993120	13.96%	2.587%
88	24.953	3683	3687	3698	rVB	177242	425231	2.98%	0.552%
89	25.106	3703	3713	3724	rBV3	585036	1749104	12.25%	2.271%
90	25.646	3799	3805	3816	rBV7	72567	198675	1.39%	0.258%
91	26.281	3902	3913	3925	rBV	713621	2264610	15.86%	2.940%
92	26.416	3926	3936	3948	rVB2	266425	914124	6.40%	1.187%
93	27.685	4144	4152	4163	rVB3	68659	190788	1.34%	0.248%
94	28.061	4192	4216	4258	rVB7	836541	8133464	56.96%	10.558%
95	28.490	4280	4289	4306	rVB4	162261	682638	4.78%	0.886%
96	28.895	4349	4358	4369	rBV4	73604	312509	2.19%	0.406%
97	29.389	4428	4442	4465	rBV5	159084	888117	6.22%	1.153%
98	29.894	4521	4528	4539	rVB10	51752	195495	1.37%	0.254%
99	30.611	4634	4650	4670	rBV6	395865	2113756	14.80%	2.744%
100	31.492	4783	4800	4817	rVB10	184446	1087020	7.61%	1.411%

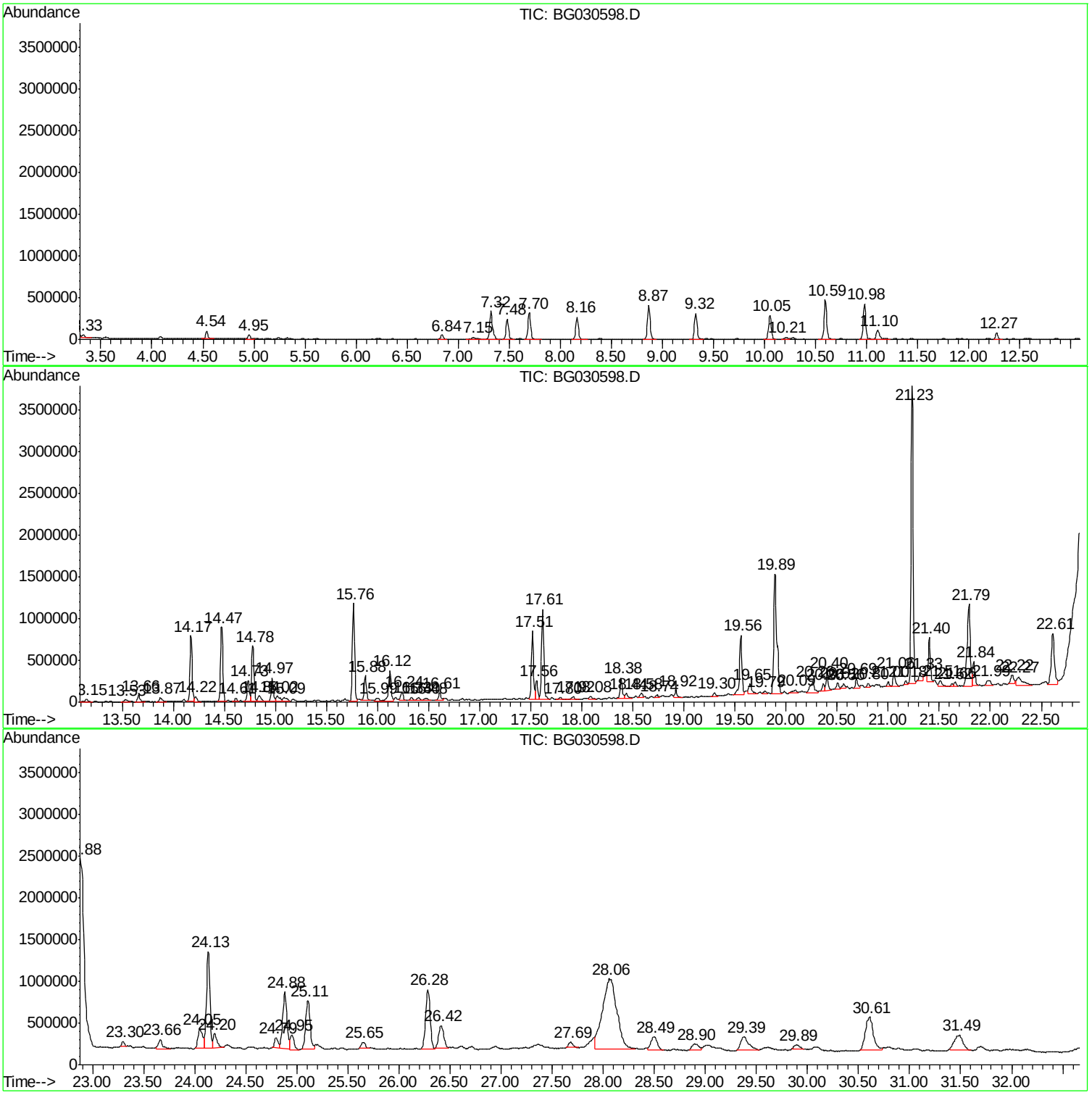
Sum of corrected areas: 77035985

Data Path : Z:\HPCHEM1\BNA_G\Data\BG103017\
Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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



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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

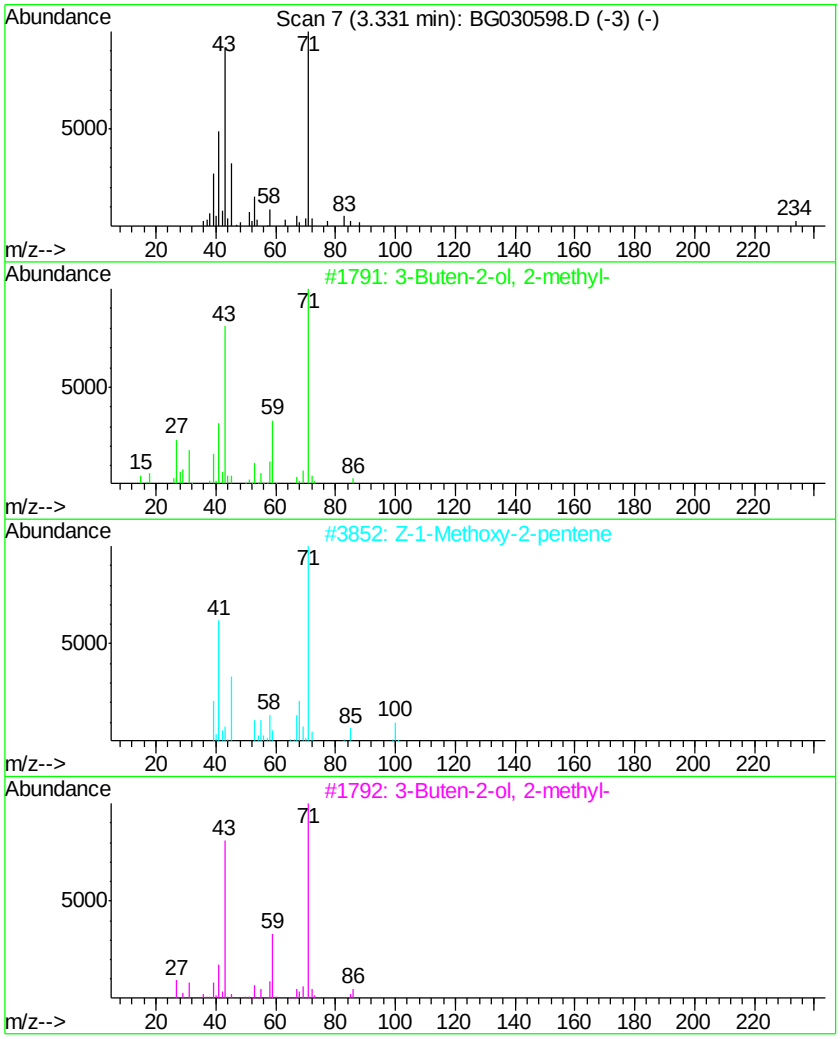
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

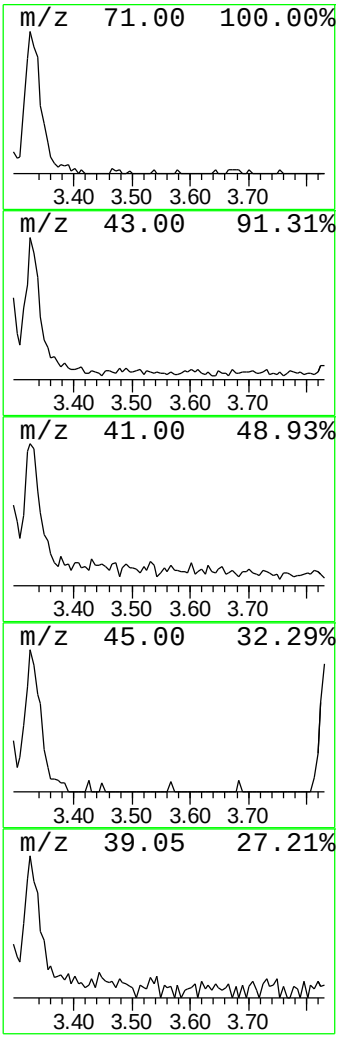
****

Peak Number 1 3-Buten-2-ol, 2-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	3.00 ng/ul	69920	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	64
2	Z-1-Methoxy-2-pentene	100	C6H12O	1000279-59-4	59
3	3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	59
4	3-Penten-2-ol	86	C5H10O	001569-50-2	56
5	Pentane, 2-bromo-	150	C5H11Br	000107-81-3	50





Data Path : Z:\HPCHEM1\BNA_G\Data\BG103017\
Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

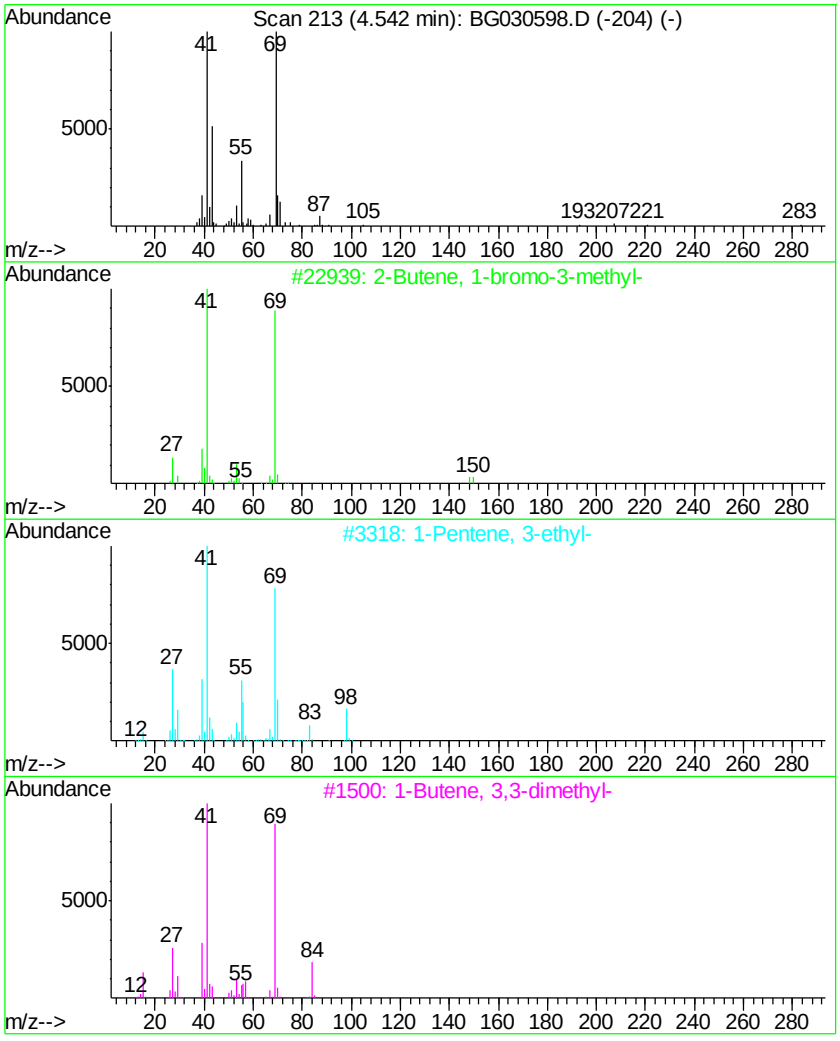
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

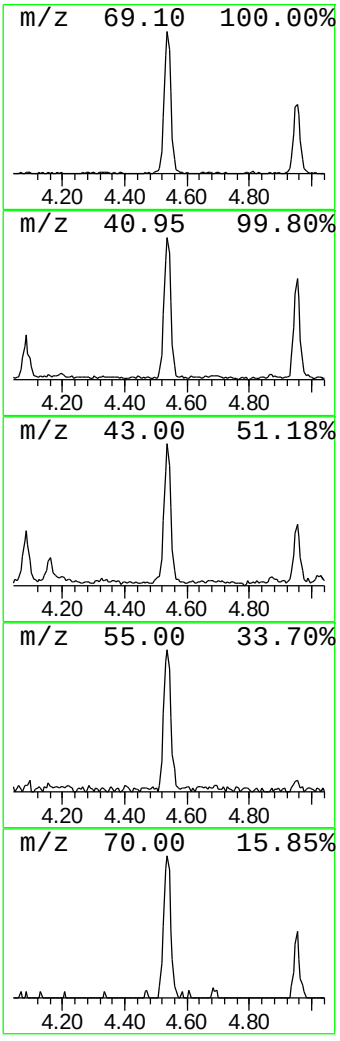
****

Peak Number 2 2-Butene, 1-bromo-3-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.54	6.37 ng/ul	148650	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	50
2	1-Pentene, 3-ethyl-	98	C7H14	004038-04-4	50
3	1-Butene, 3,3-dimethyl-	84	C6H12	000558-37-2	40
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	39
5	1-Pentene, 3,3-dimethyl-	98	C7H14	003404-73-7	39





Data Path : Z:\HPCHEM1\BNA_G\Data\BG103017\
Data File : BG030598.D
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Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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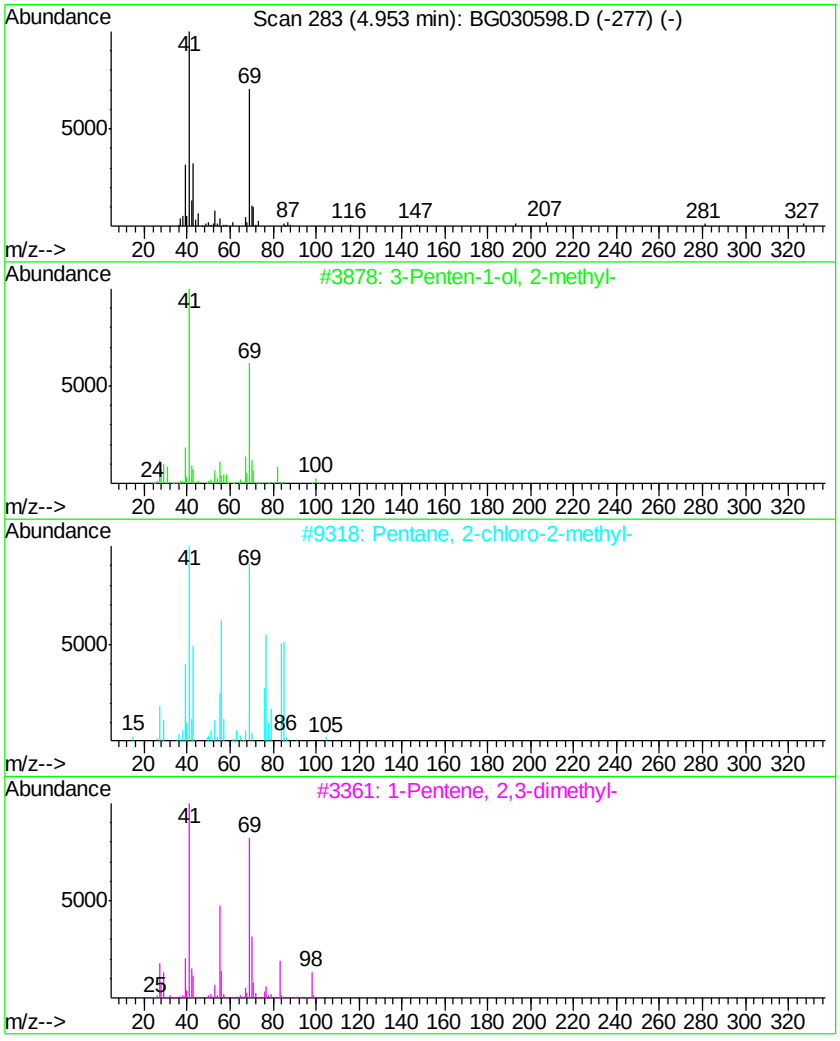
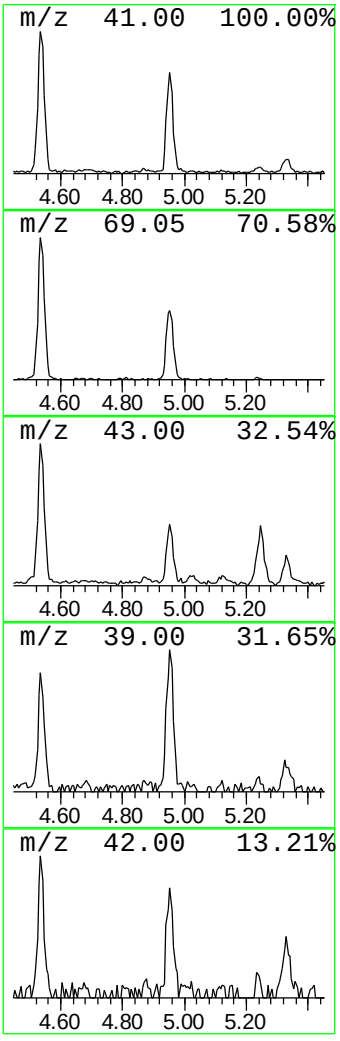
Peak Number 3 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.95	3.64 ng/ul	84831	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-1-ol, 2-methyl-	100	C6H12O	062238-37-3	39
2	Pentane, 2-chloro-2-methyl-	120	C6H13Cl	004325-48-8	37
3	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	33
4	2-Butene, 1-bromo-3-methyl-	148	C5H9Br	000870-63-3	32
5	Butane, 2,3-dimethyl-2-nitro-	131	C6H13NO2	034075-28-0	28





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG103017\
Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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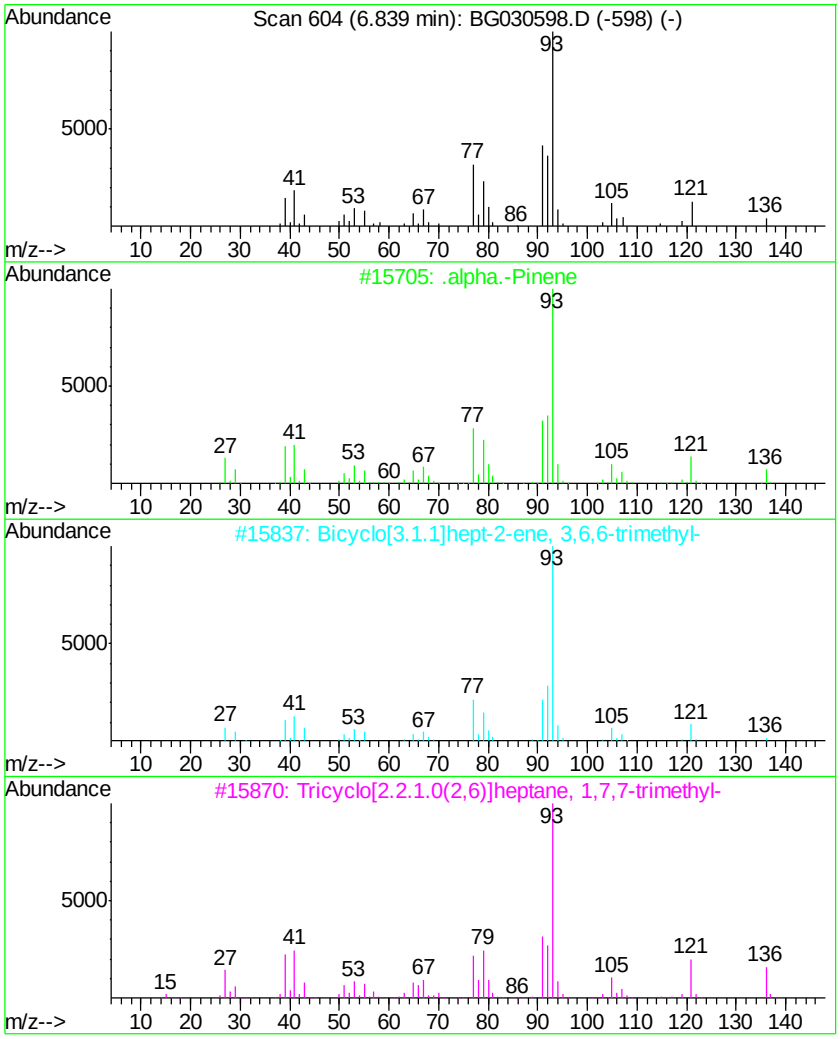
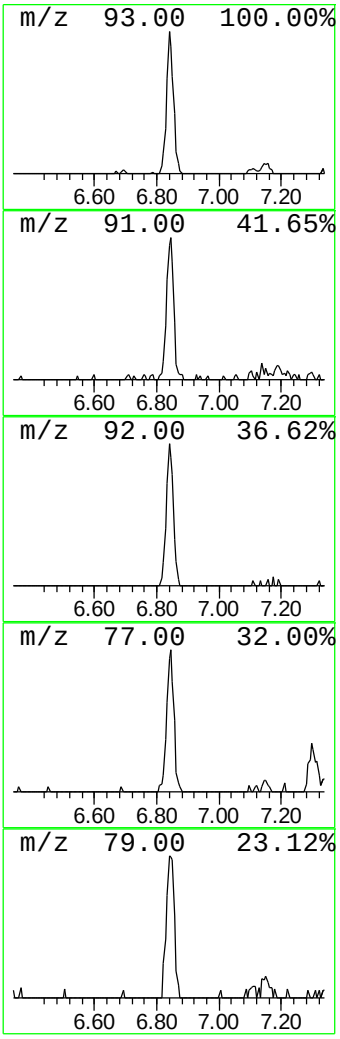
Peak Number 4 .alpha.-Pinene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	3.64 ng/ul	84913	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.alpha.-Pinene	136	C10H16	000080-56-8	91
2	Bicyclo[3.1.1]hept-2-ene, 3,6,6-...	136	C10H16	004889-83-2	91
3	Tricyclo[2.2.1.0(2,6)]heptane, 1...	136	C10H16	000508-32-7	91
4	.alpha.-Pinene	136	C10H16	000080-56-8	90
5	(1R)-2,6,6-Trimethylbicyclo[3.1....	136	C10H16	007785-70-8	90





Data Path : Z:\HPCHEM1\BNA_G\Data\BG103017\
Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

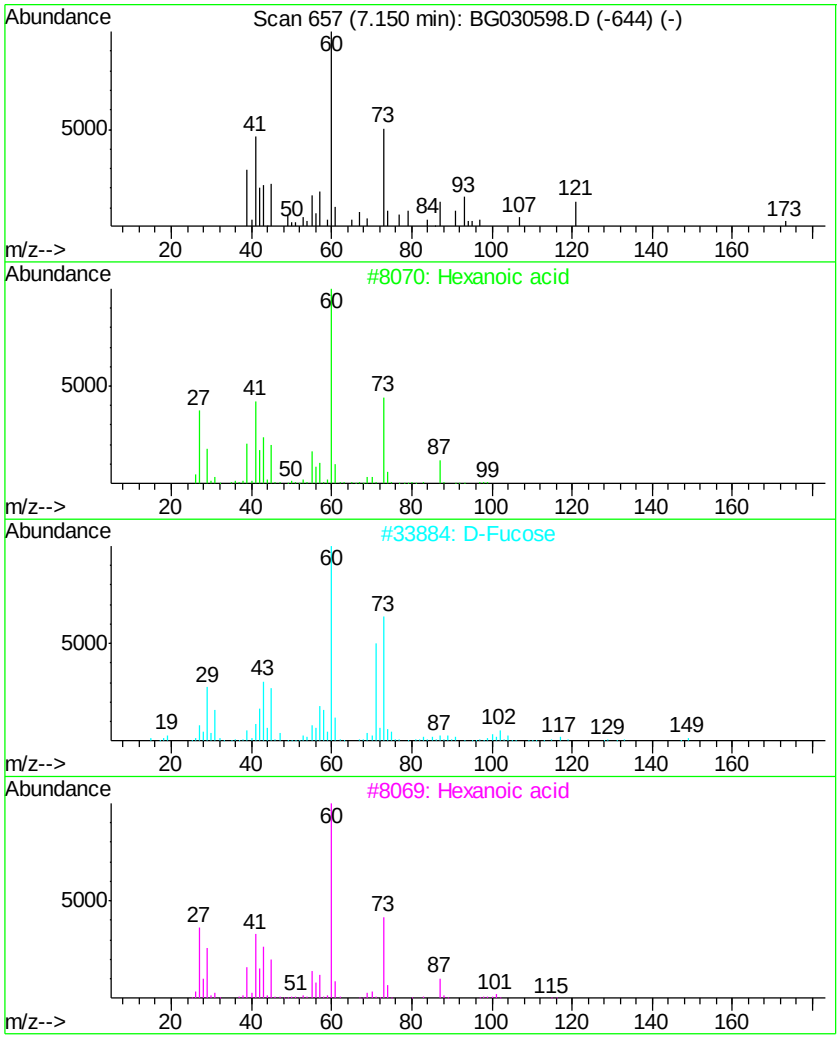
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

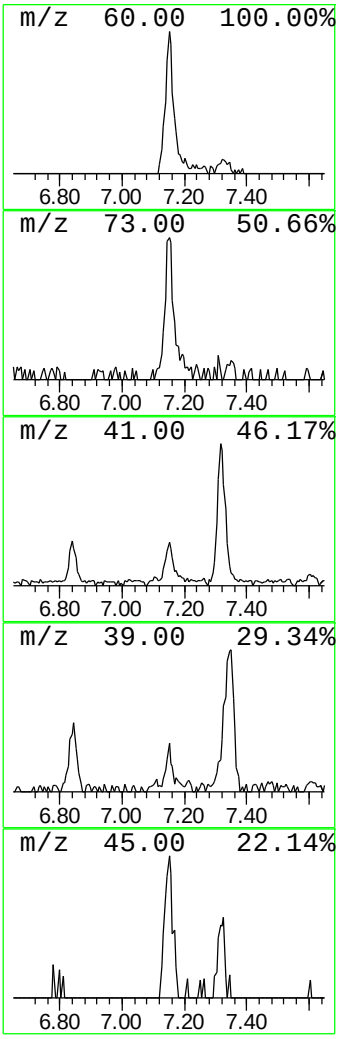
****

Peak Number 5 Hexanoic acid Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	2.65 ng/ul	61753	1,4-Dichlorobenzene-d4	8.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid	116	C6H12O2	000142-62-1	80
2	D-Fucose	164	C6H12O5	003615-37-0	72
3	Hexanoic acid	116	C6H12O2	000142-62-1	64
4	Heptanoic acid	130	C7H14O2	000111-14-8	53
5	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50





Library Search Compound Report

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Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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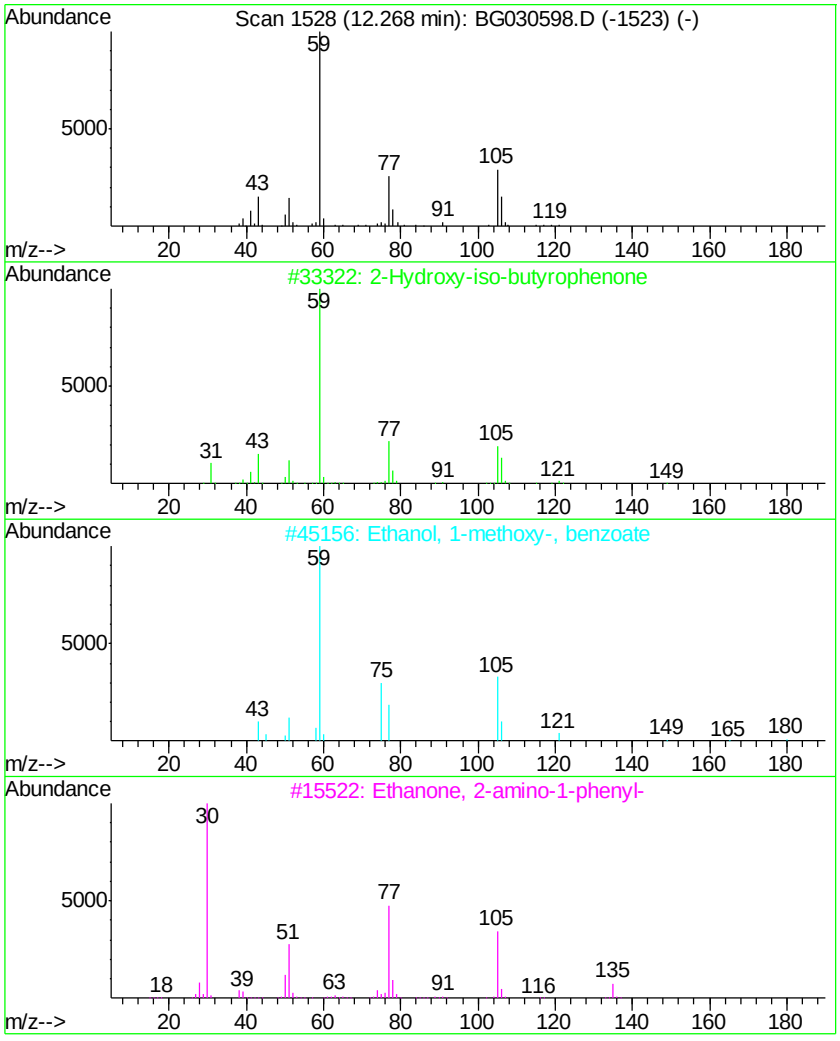
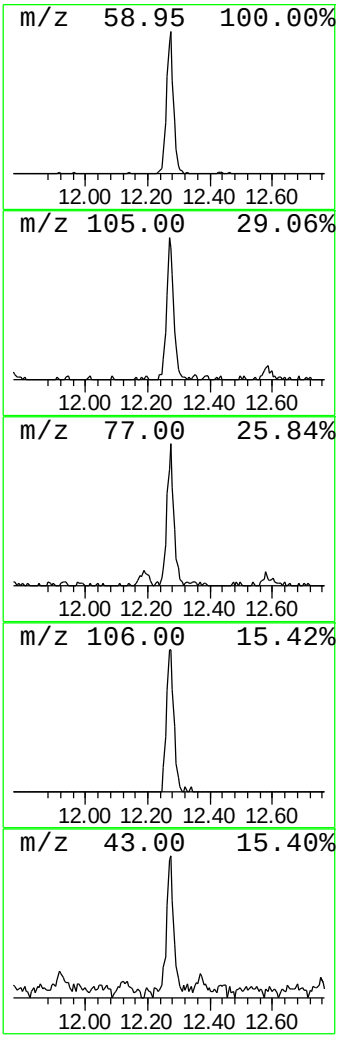
Peak Number 6 2-Hydroxy-iso-butyrophenone Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	3.11 ng/ul	121927	Naphthalene-d8	10.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	90
2	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	56
3	Ethanone, 2-amino-1-phenyl-	135	C8H9NO	000613-89-8	16
4	Guanidine	59	CH5N3	000113-00-8	9
5	Propionic acid, 2-isopropoxy-, m...	146	C7H14O3	1000151-15-1	9





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ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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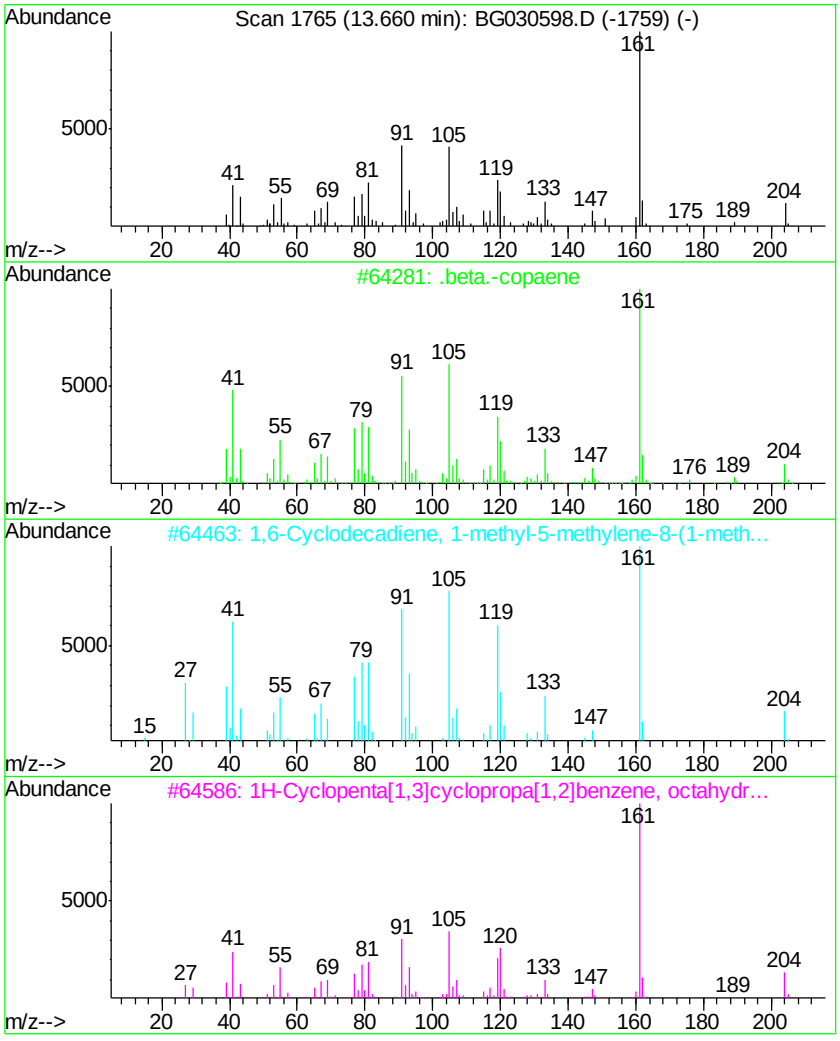
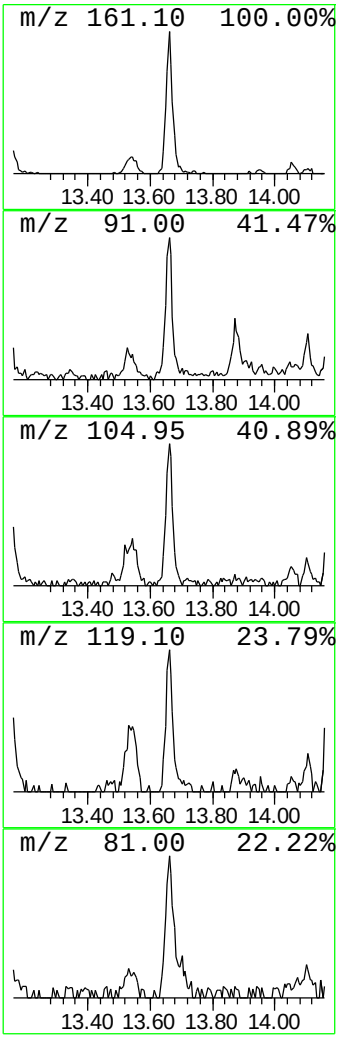
Peak Number 7 .beta.-copaene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	2.90 ng/ul	159653	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-copaene	204	C15H24	1000374-18-9	98
2	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	95
3	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	94
4	(+)-epi-Bicyclosesquiphellandrene	204	C15H24	054274-73-6	93
5	1H-Cyclopenta[1,3]cyclopropa[1,2...	204	C15H24	013744-15-5	93





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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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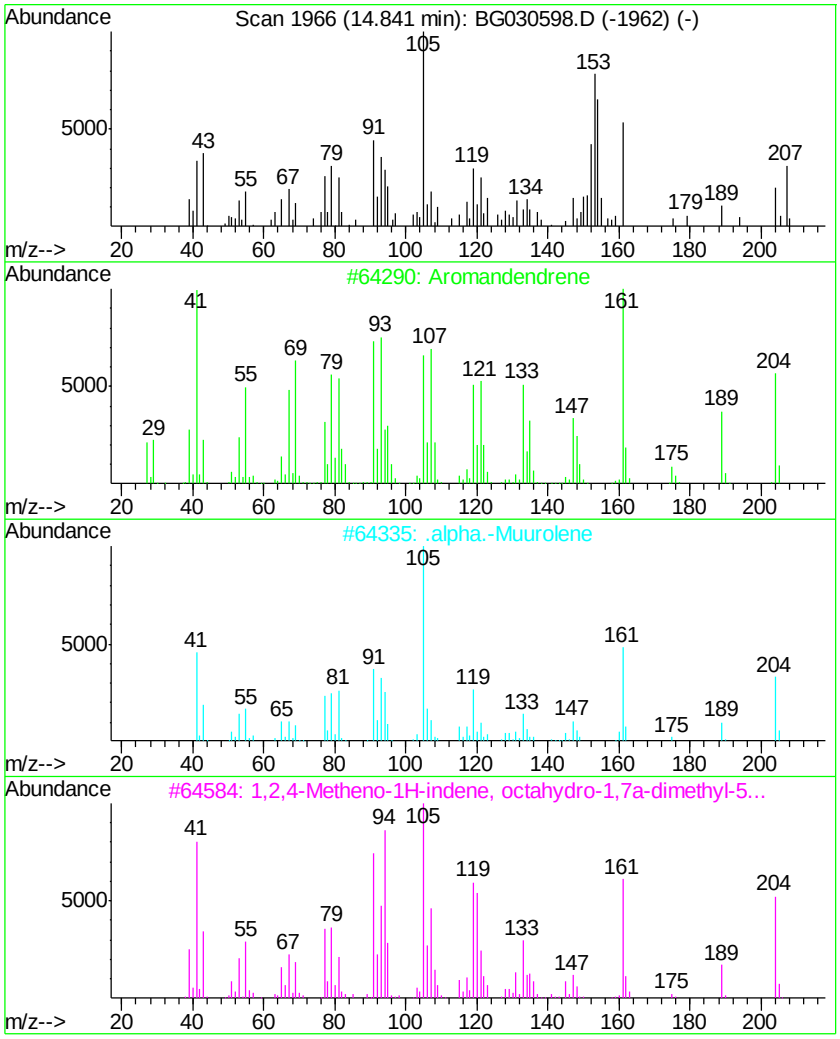
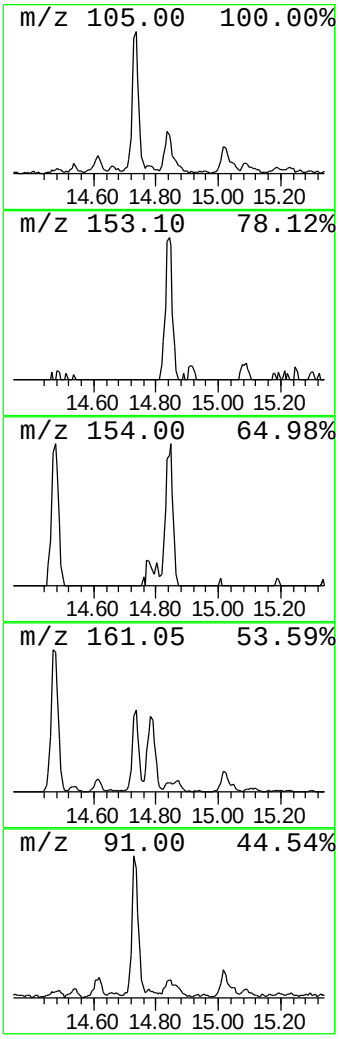
Peak Number 8 Aromandendrene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	2.72 ng/ul	149507	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aromandendrene	204	C15H24	000489-39-4	70
2	.alpha.-Muurolene	204	C15H24	031983-22-9	64
3	1,2,4-Metheno-1H-indene, octahyd...	204	C15H24	022469-52-9	55
4	1,2,4-Metheno-1H-indene, octahyd...	204	C15H24	022469-52-9	50
5	Naphthalene, 1,2,4a,5,6,8a-hexah...	204	C15H24	017627-24-6	42





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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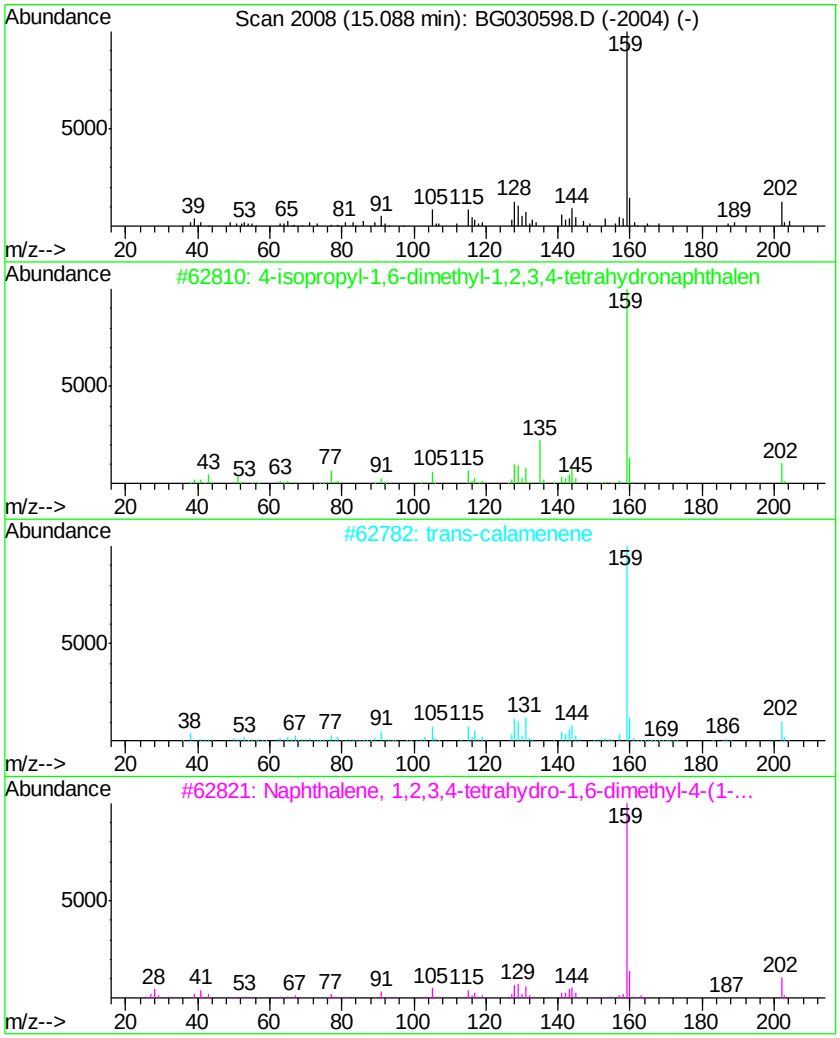
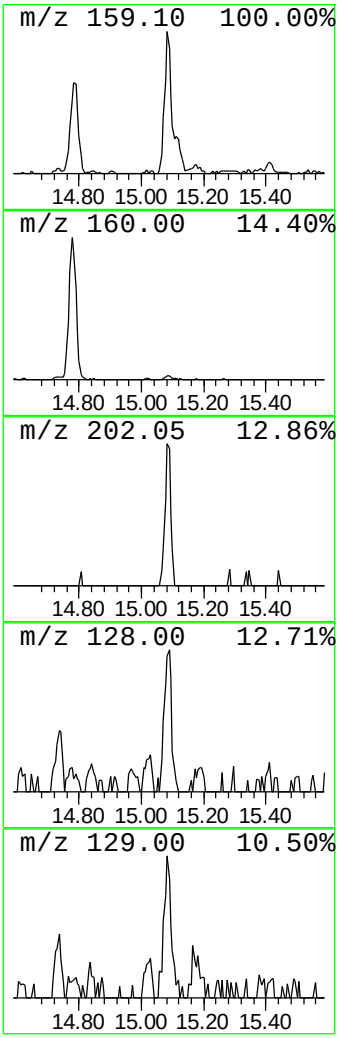
Peak Number 9 4-isopropyl-1,6-dimethyl-1,... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.01 ng/ul	110319	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-isopropyl-1,6-dimethyl-1,2,3,4...	202	C15H22	1000378-99-6	94
2	trans-calamenene	202	C15H22	1000374-17-3	93
3	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	93
4	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	72
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	72





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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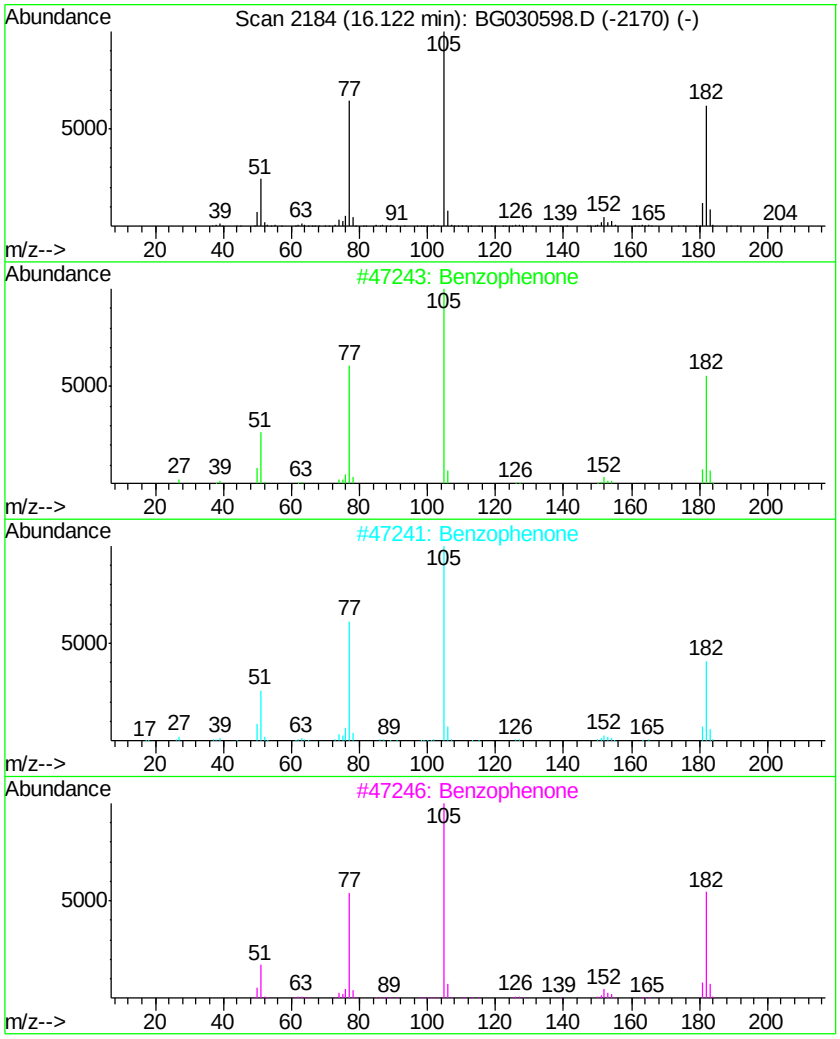
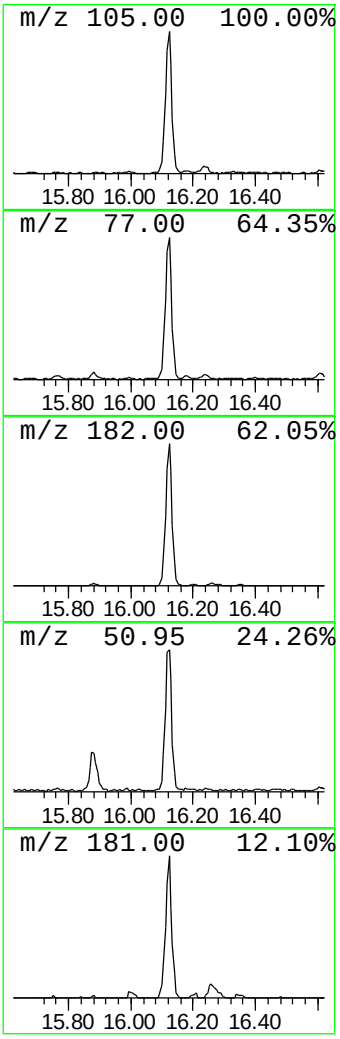
Peak Number 10 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	11.47 ng/ul	630967	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	95
4	Benzophenone	182	C13H10O	000119-61-9	90
5	Benzophenone	182	C13H10O	000119-61-9	87





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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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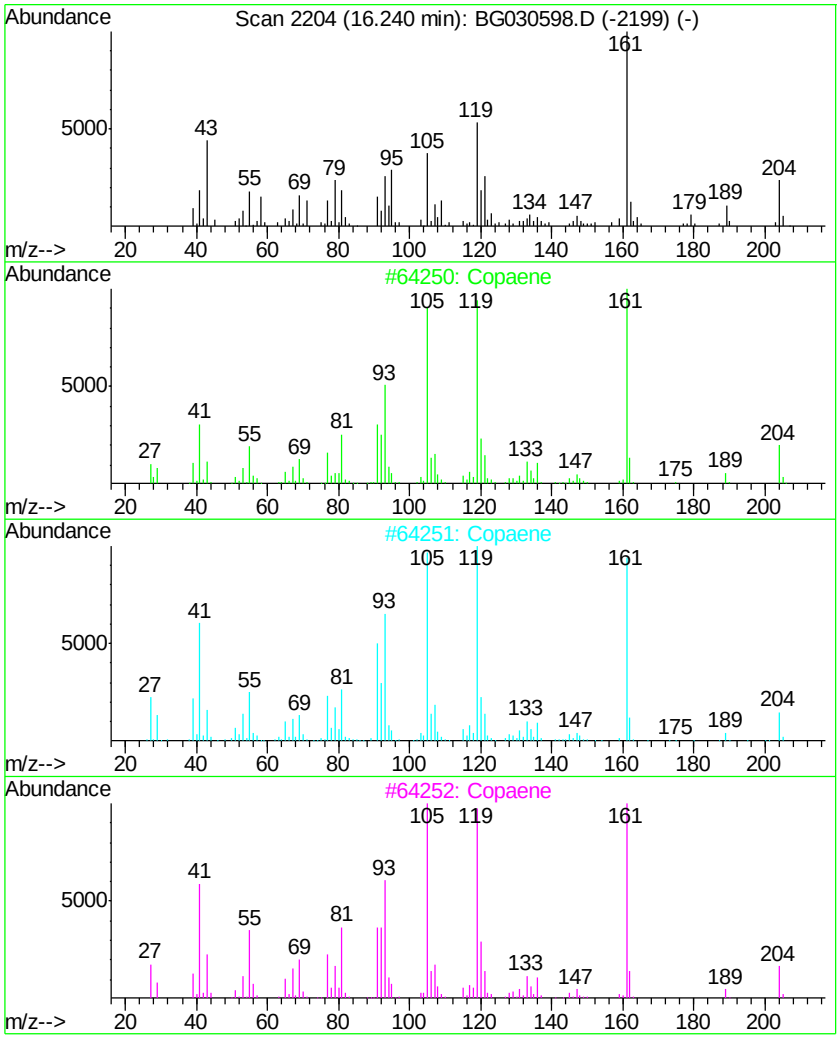
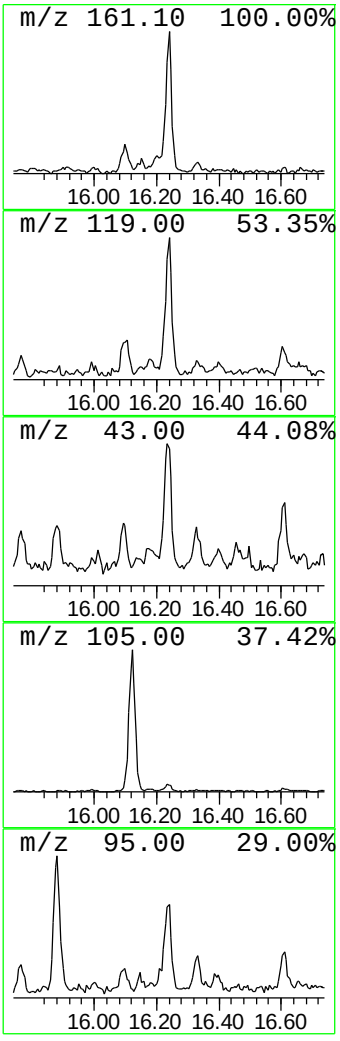
Peak Number 11 Copaene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.24	2.65 ng/ul	169076	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Copaene	204	C15H24	003856-25-5	83
2	Copaene	204	C15H24	003856-25-5	83
3	Copaene	204	C15H24	003856-25-5	80
4	.alfa.-Copaene	204	C15H24	1000360-33-0	80
5	1,6-Cyclodecadiene, 1-methyl-5-m...	204	C15H24	023986-74-5	76





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Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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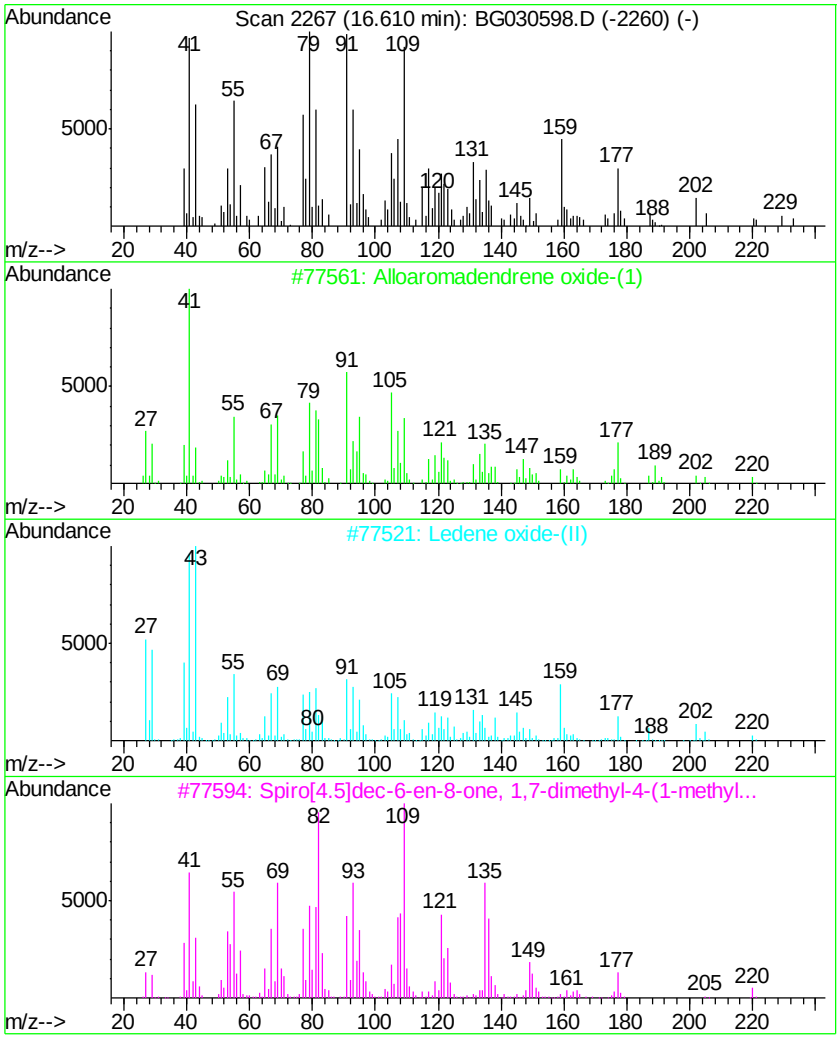
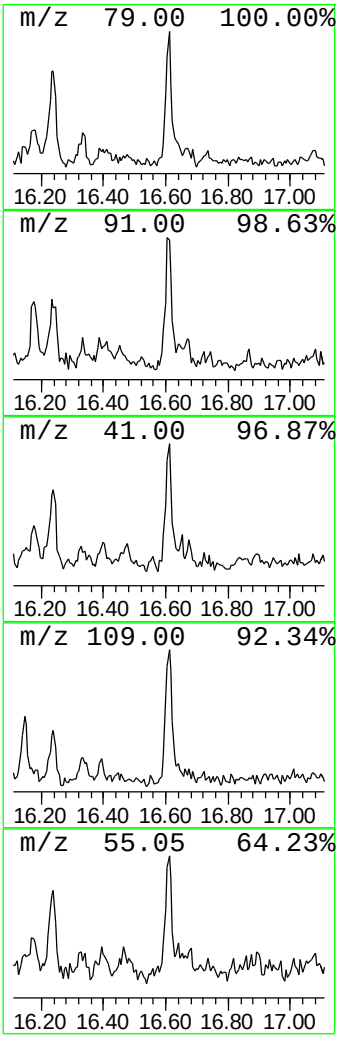
Peak Number 12 unknown-02 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.61	2.60 ng/ul	165823	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Alloaromadendrene oxide-(1)	220	C15H24O	1000156-12-8	45
2	Ledene oxide-(II)	220	C15H24O	1000159-36-7	45
3	Spiro[4.5]dec-6-en-8-one, 1,7-di...	220	C15H24O	039510-36-6	43
4	cis-Z-.alpha.-Bisabolene epoxide	220	C15H24O	1000131-71-2	41
5	1,4-Methanobenzocyclodecene, 1,2...	202	C15H22	074708-73-9	38





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Quant Title : SVOA CALIBRATION

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

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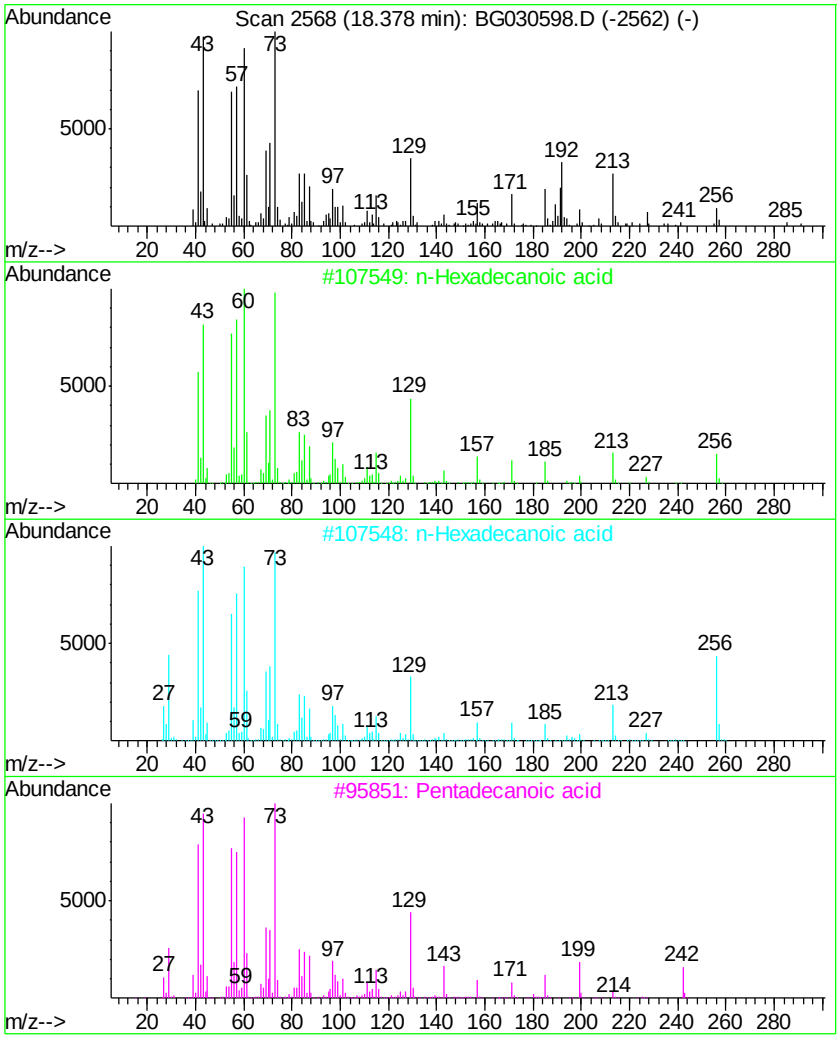
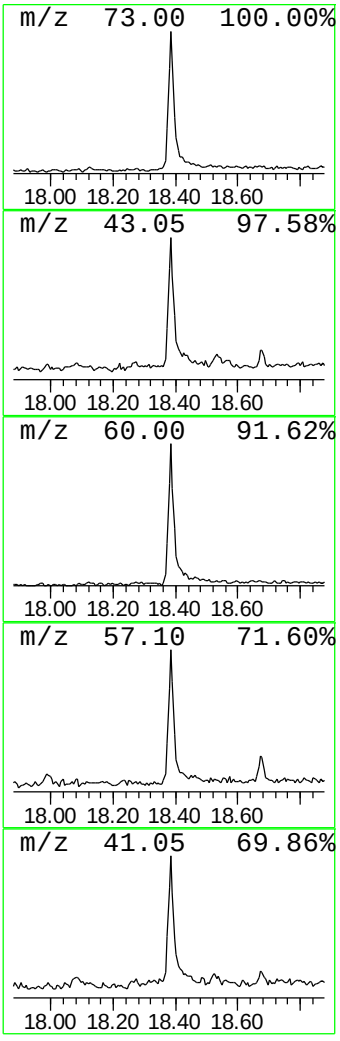
Peak Number 13 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.38	5.34 ng/ul	340054	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83
5	n-Decanoic acid	172	C10H20O2	000334-48-5	64





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Quant Title : SVOA CALIBRATION

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

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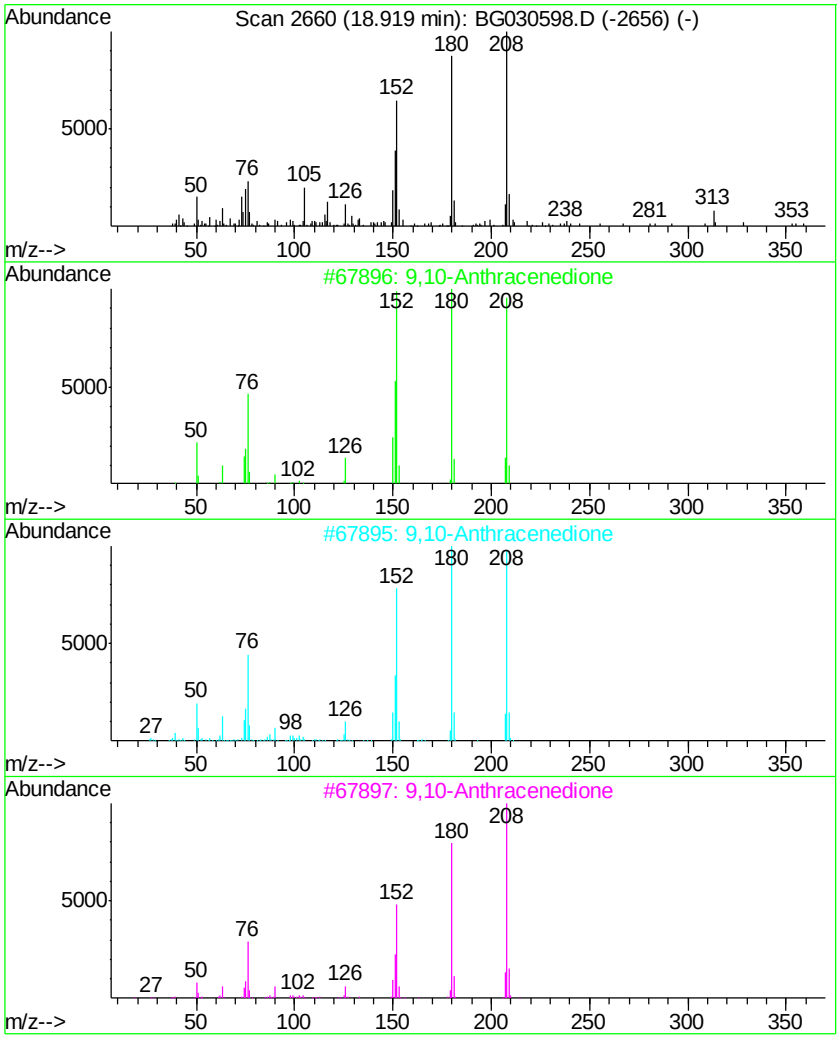
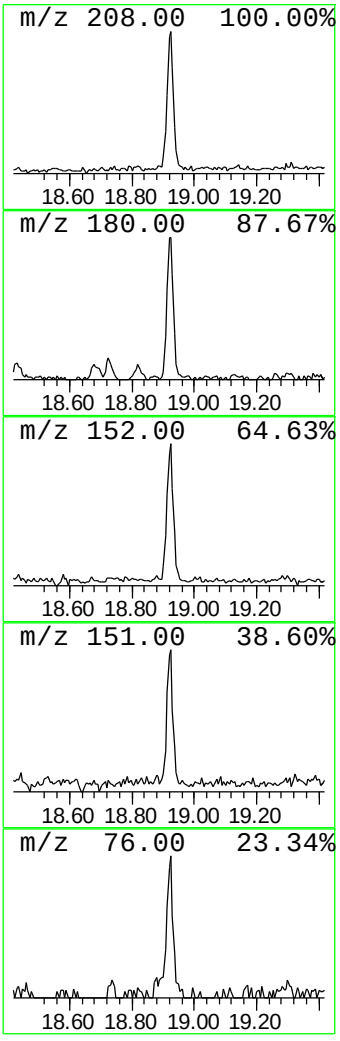
Peak Number 14 9,10-Anthracenedione Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.92	2.19 ng/ul	139361	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	81
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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Peak Number 15 Octadecanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.65	3.58 ng/ul	227911	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	97
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
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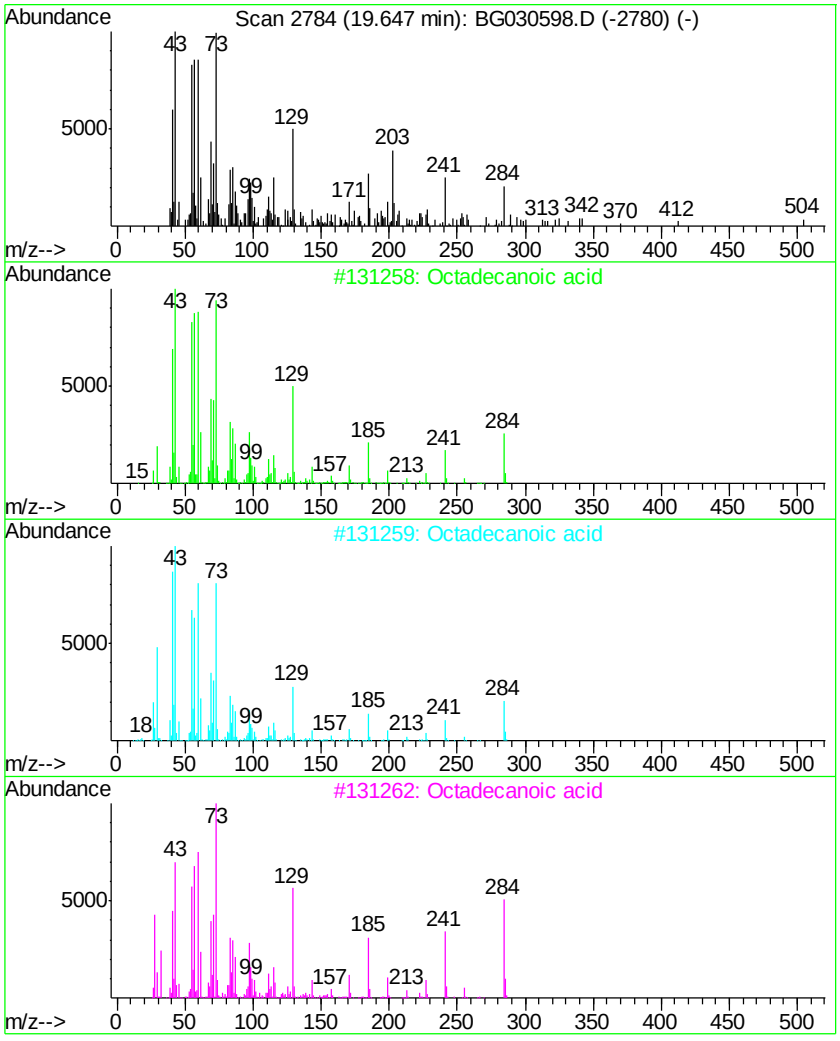
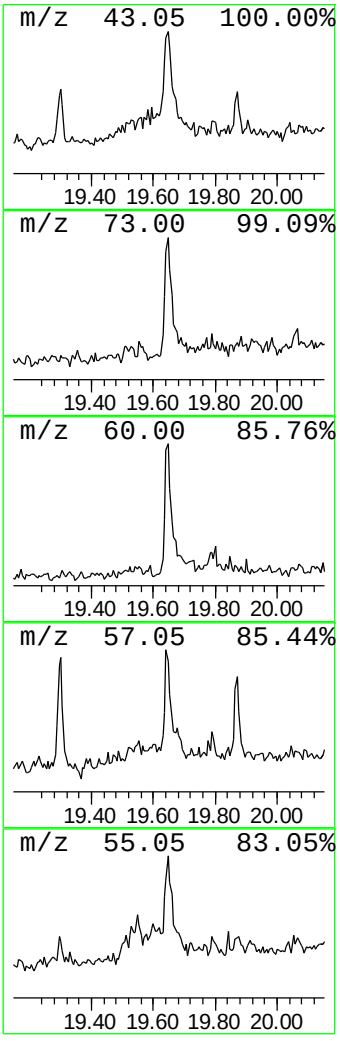
5	Octadecanoic acid	284	C18H36O2	000057-11-4	92





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Quant Title : SVOA CALIBRATION

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

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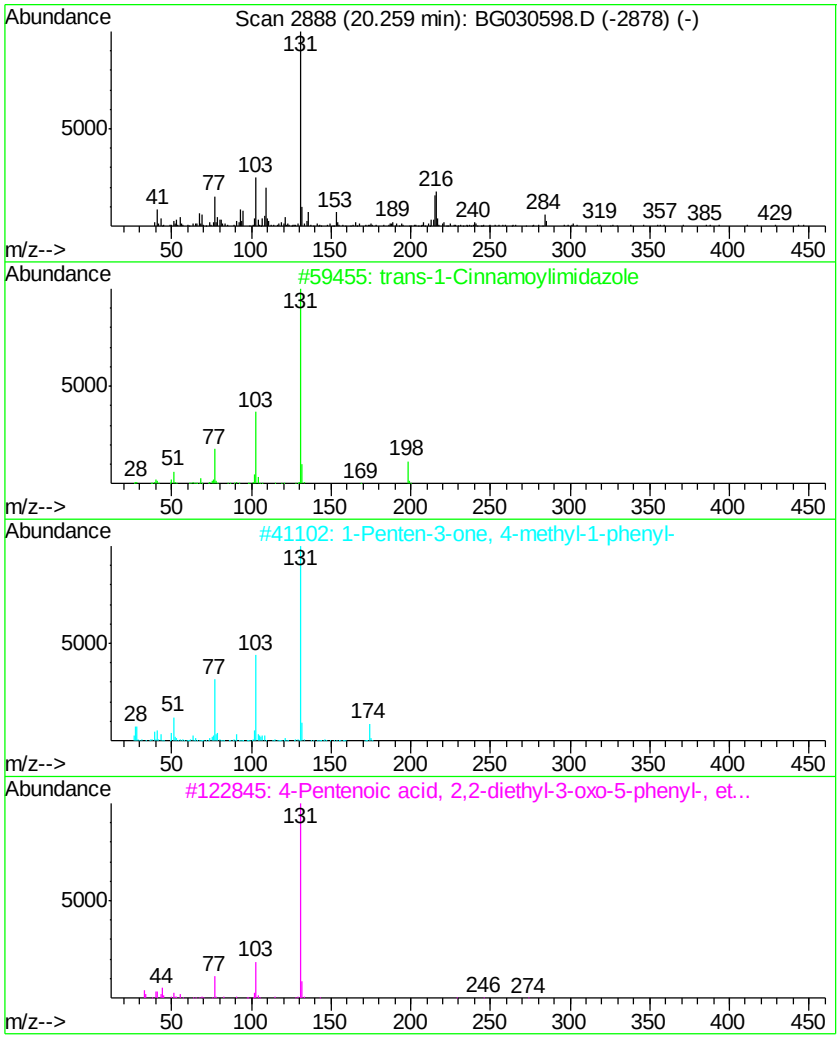
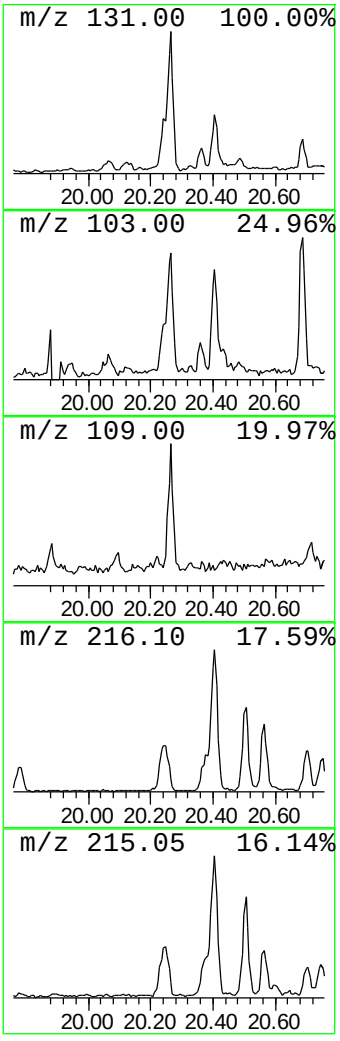
Peak Number 16 trans-1-Cinnamoylimidazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.26	3.36 ng/ul	355185	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-1-Cinnamoylimidazole	198	C12H10N2O	001138-15-4	53
2	1-Penten-3-one, 4-methyl-1-phenyl-	174	C12H14O	003160-32-5	53
3	4-Pentenoic acid, 2,2-diethyl-3-...	274	C17H22O3	337503-48-7	53
4	2,4,5-Trichlorophenyl cinnamate	326	C15H9Cl3O2	1000242-39-6	53
5	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	53





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Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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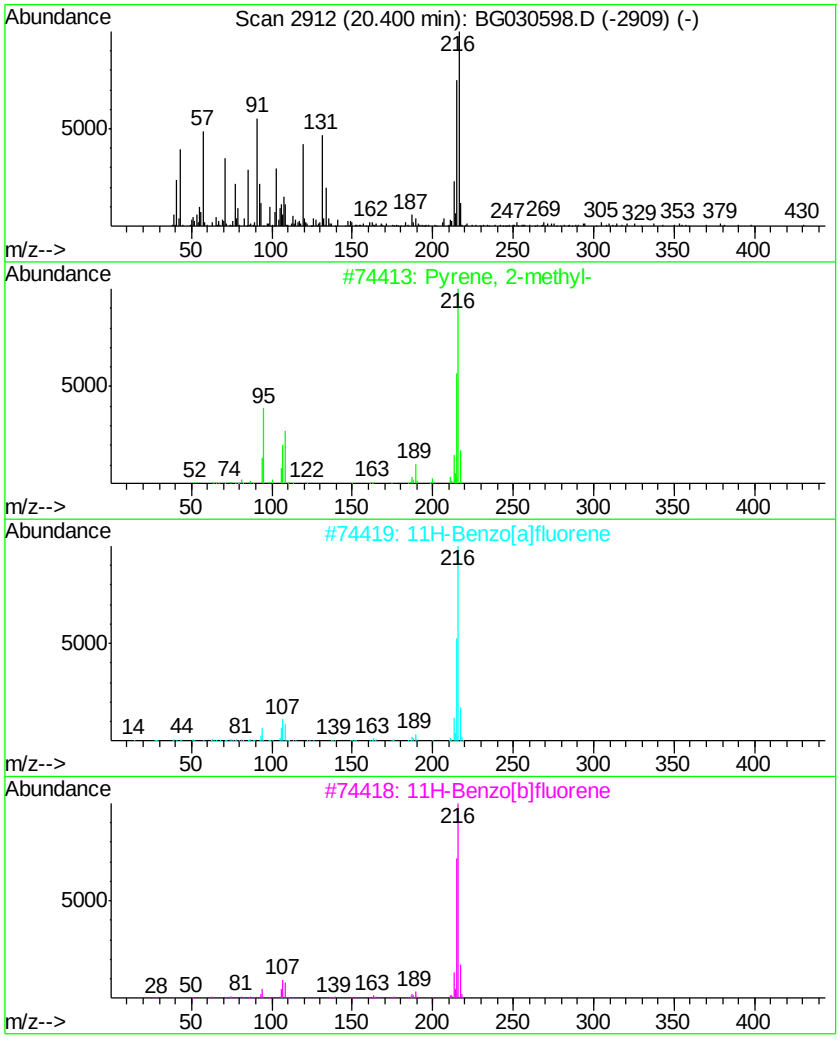
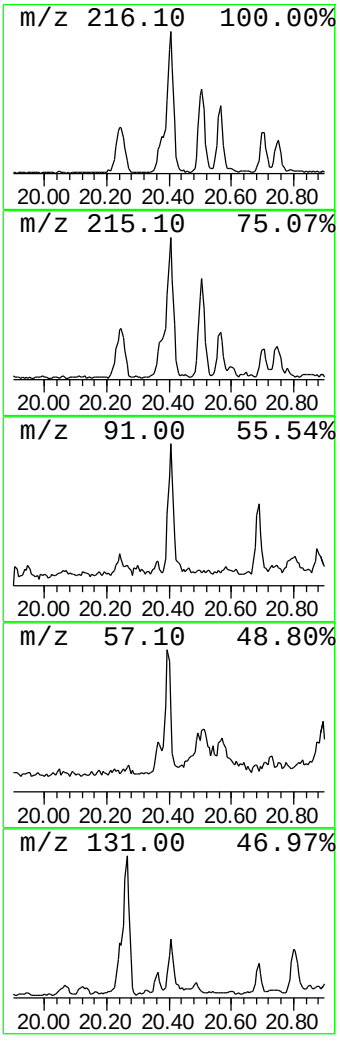
Peak Number 17 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	3.12 ng/ul	330468	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	43
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	43
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	43
4	4-Hydroxy-6-methyl-1-pyridin-3-y...	216	C12H12N2O2	1000318-25-3	38
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\Data\BG103017\
Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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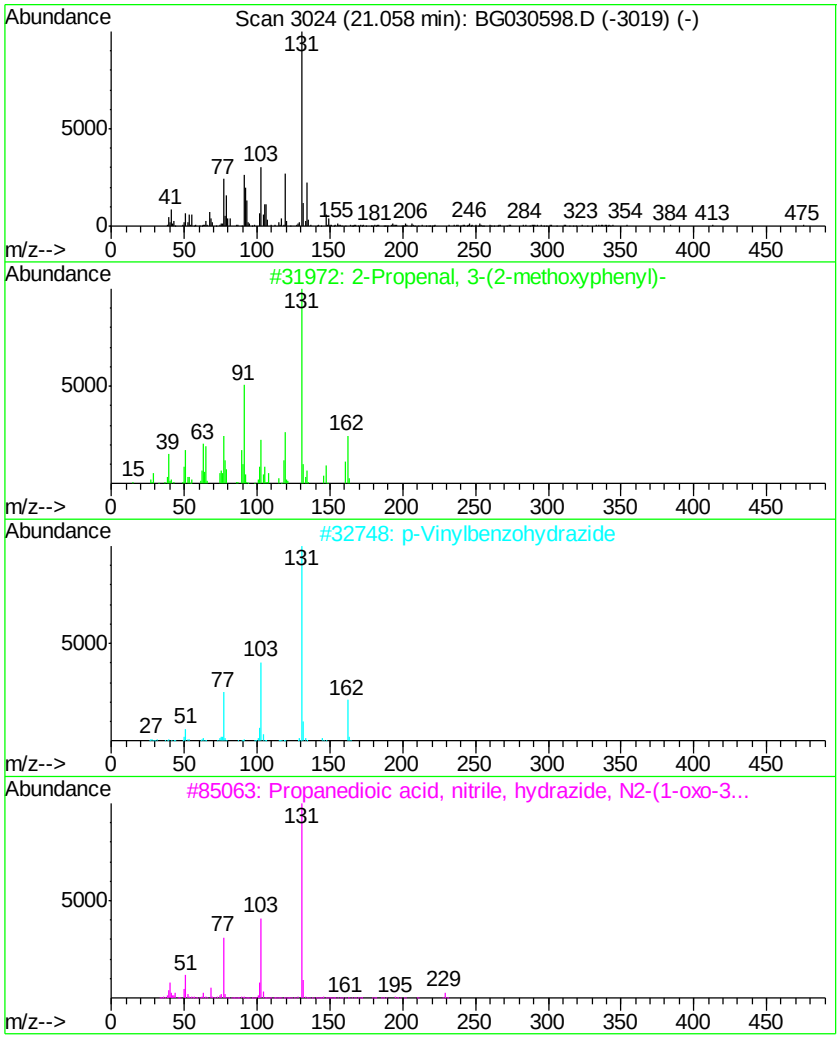
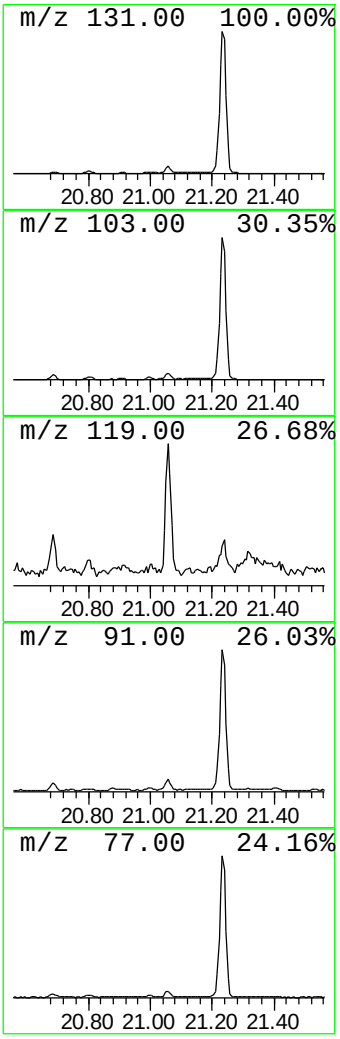
Peak Number 18 2-Propenal, 3-(2-methoxyphe... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	2.39 ng/ul	252725	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(2-methoxyphenyl)-	162	C10H10O2	001504-74-1	53
2	p-Vinylbenzohydrazide	162	C9H10N2O	1000244-74-9	47
3	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	47
4	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	47
5	Oxalic acid, monoamide monohydra...	323	C18H17N3O3	1000294-01-4	47





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Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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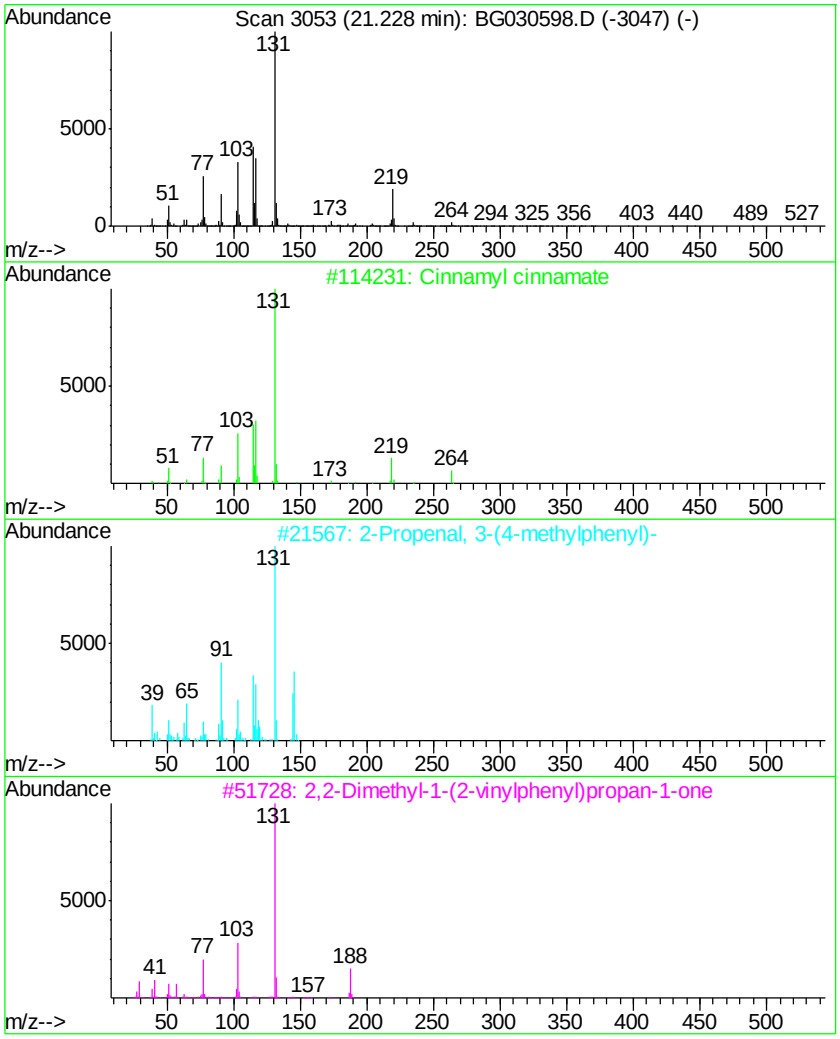
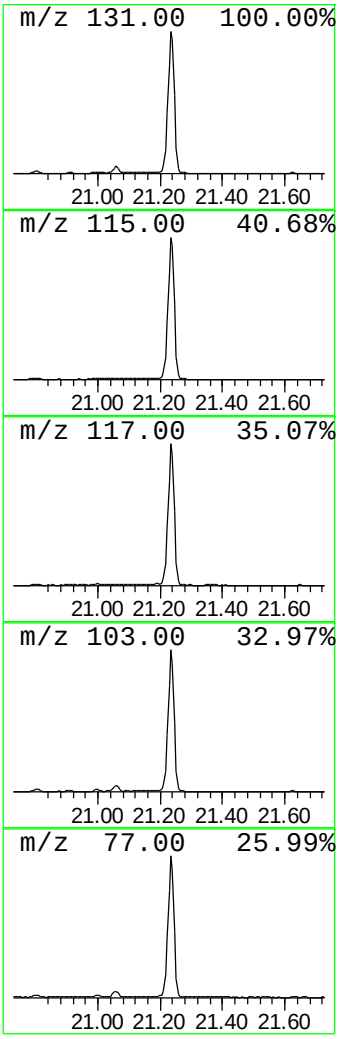
Peak Number 19 Cinnamyl cinnamate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.23	47.37 ng/ul	5011940	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	78
2	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	50
3	2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	46
4	2-Propenoic acid, 3-phenyl-, phe...	224	C15H12O2	025695-77-6	43
5	Propanedioic acid, nitrile, hydr...	229	C12H11N3O2	294878-35-6	43





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Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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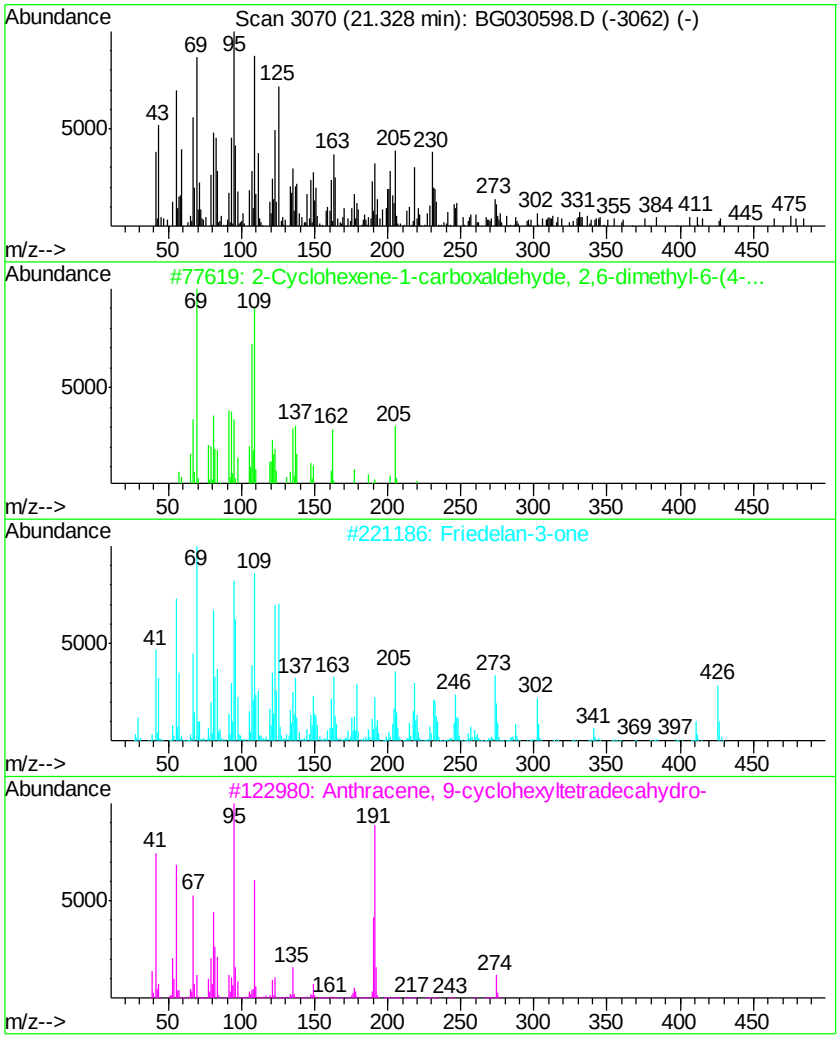
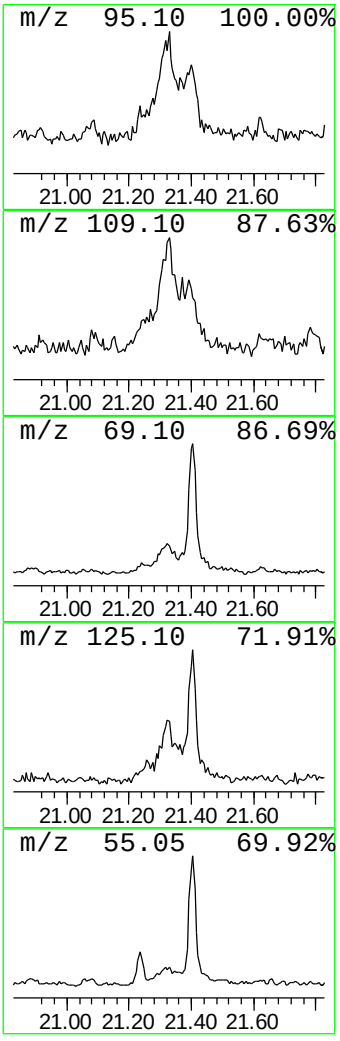
Peak Number 20 2-Cyclohexene-1-carboxaldeh... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.33	2.07 ng/ul	219001	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclohexene-1-carboxaldehyde, ...	220	C15H24O	056772-07-7	50
2	Friedelan-3-one	426	C30H50O	000559-74-0	49
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	30
4	Urea, N-[3-(1H-imidazol-1-yl)pro...	302	C17H26N4O	1000316-51-4	30
5	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	30





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Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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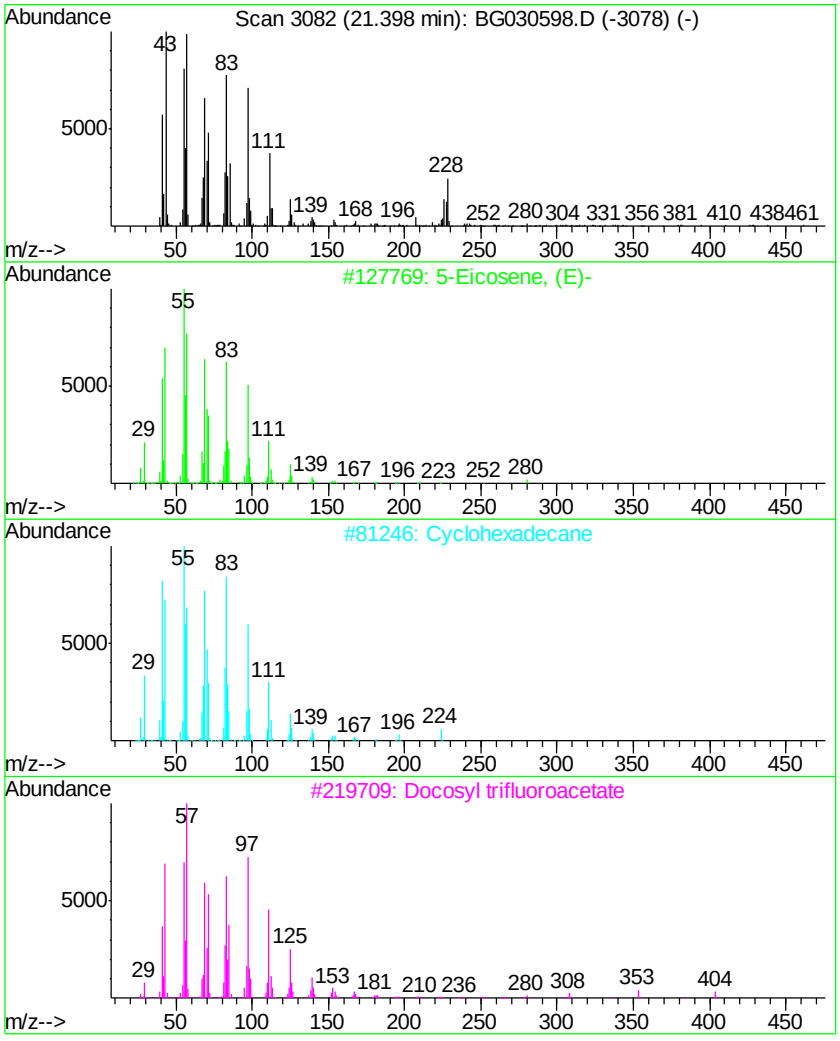
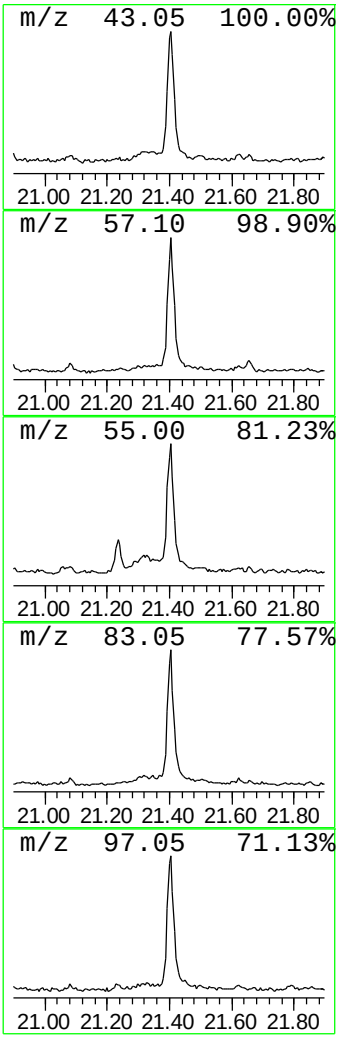
Peak Number 21 (DEL) Alkane: Cyclic21.40 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	7.48 ng/ul	791287	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	Cyclohexadecane	224	C16H32	000295-65-8	90
3	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	87
4	Tricosyl trifluoroacetate	436	C25H47F3O2	1000351-75-1	83
5	Cetene	224	C16H32	000629-73-2	80





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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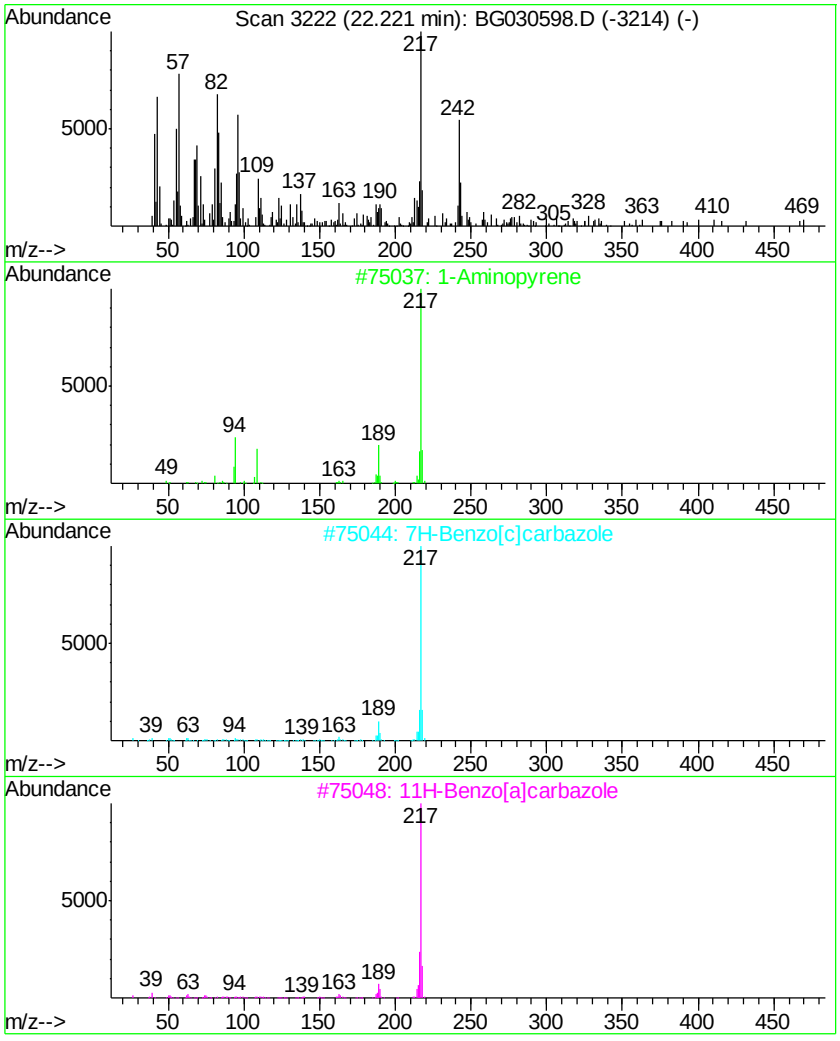
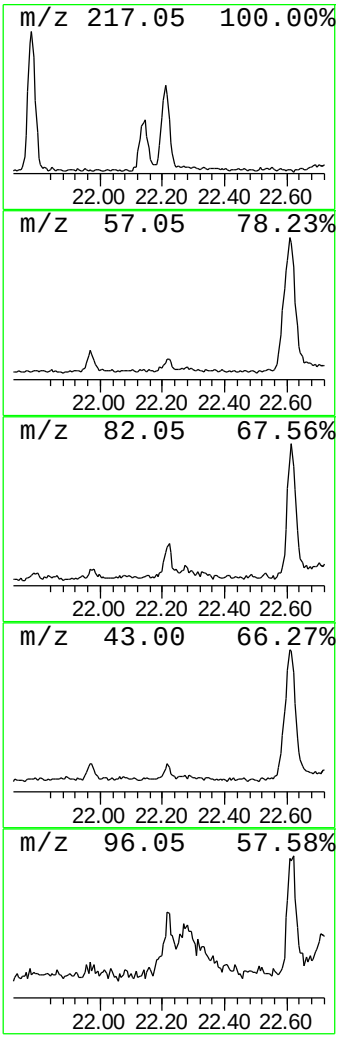
Peak Number 22 unknown-04 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.22	2.28 ng/ul	241509	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Aminopyrene	217	C16H11N	001606-67-3	42
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	42
3	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	42
4	Benzo(b)carbazole	217	C16H11N	000243-28-7	42
5	1-Aminopyrene	217	C16H11N	001606-67-3	38





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Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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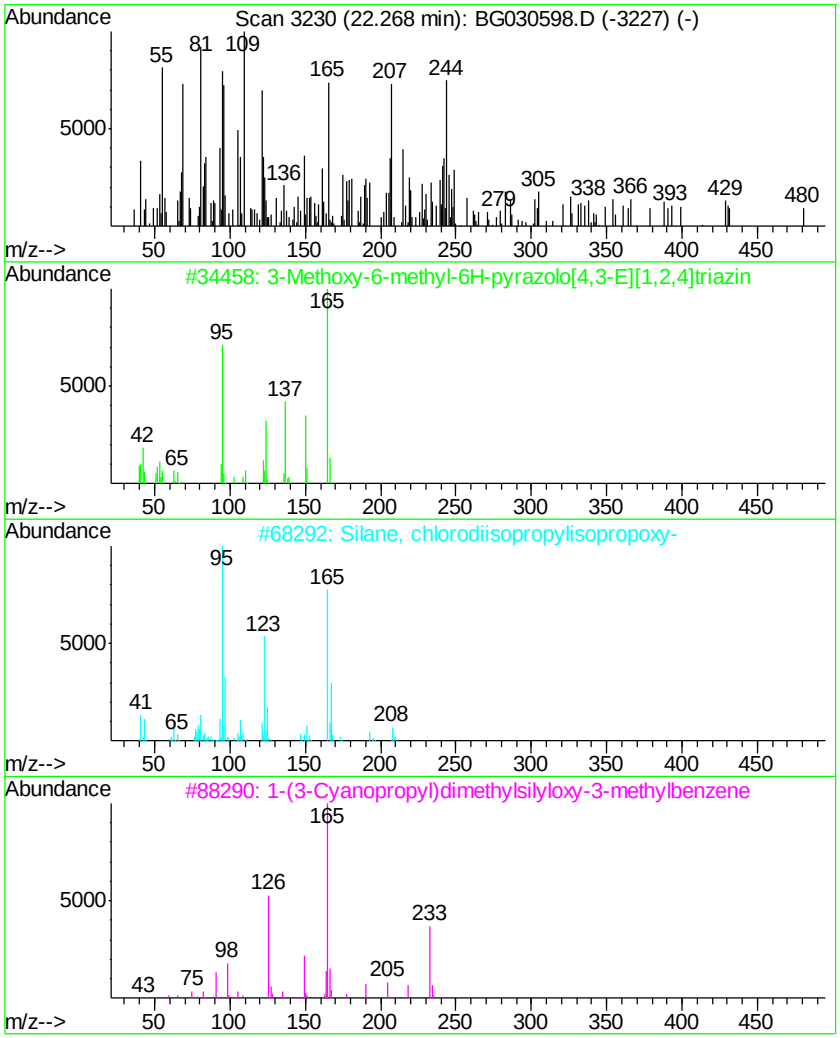
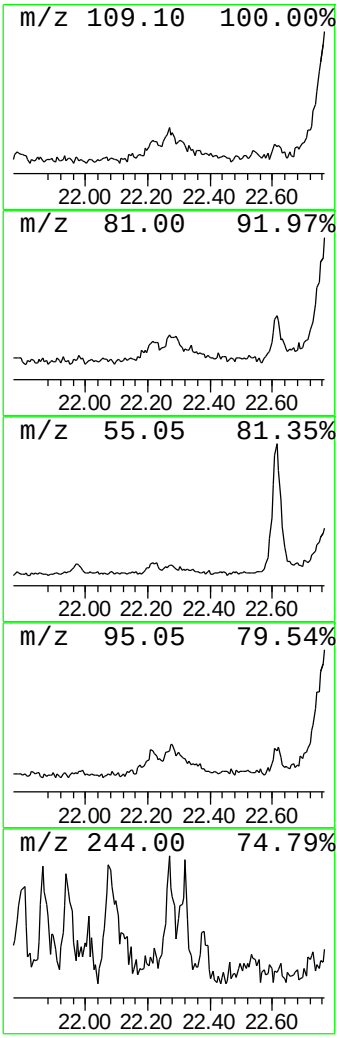
Peak Number 23 unknown-05 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.27	3.47 ng/ul	367148	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methoxy-6-methyl-6H-pyrazolo[4...	165	C6H7N5O	037526-57-1	38
2	Silane, chlorodiisopropylisoprop...	208	C9H21ClOSi	1000305-87-8	38
3	1-(3-Cyanopropyl)dimethylsilylox...	233	C13H19NOSi	1000307-93-1	14
4	Pyridine, 3-(5-furan-2-yl-[1,2,4...	319	C18H13N3O3	1000317-00-3	11
5	Benzenamine, 2,3,4,5-tetrafluoro-	165	C6H3F4N	005580-80-3	11





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Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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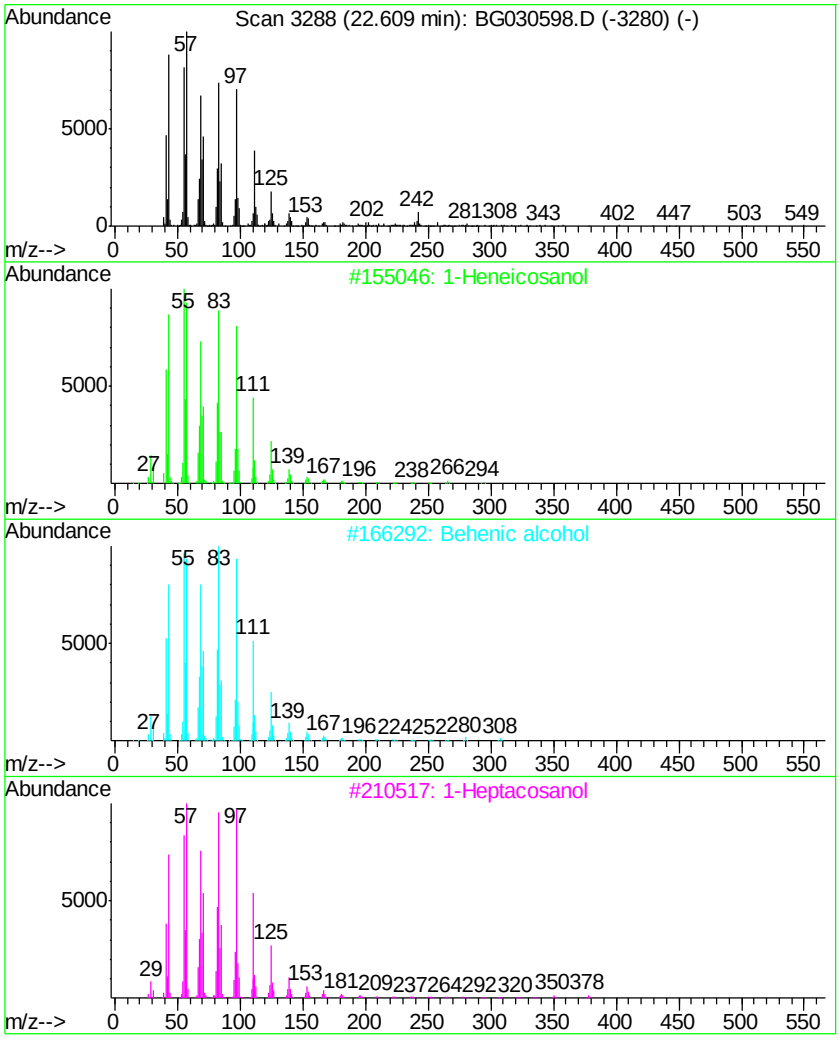
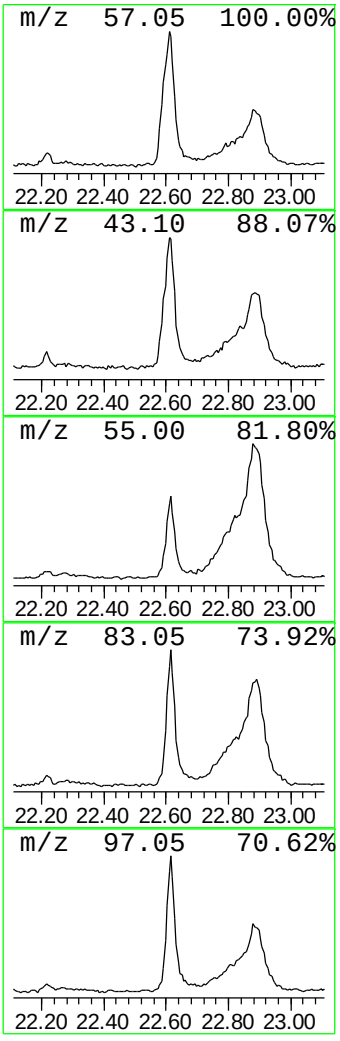
Peak Number 24 1-Heneicosanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.61	12.85 ng/ul	1359310	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosanol	312	C21H44O	015594-90-8	95
2	Behenic alcohol	326	C22H46O	000661-19-8	94
3	1-Heptacosanol	396	C27H56O	002004-39-9	91
4	Cycloeicosane	280	C20H40	000296-56-0	91
5	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	90





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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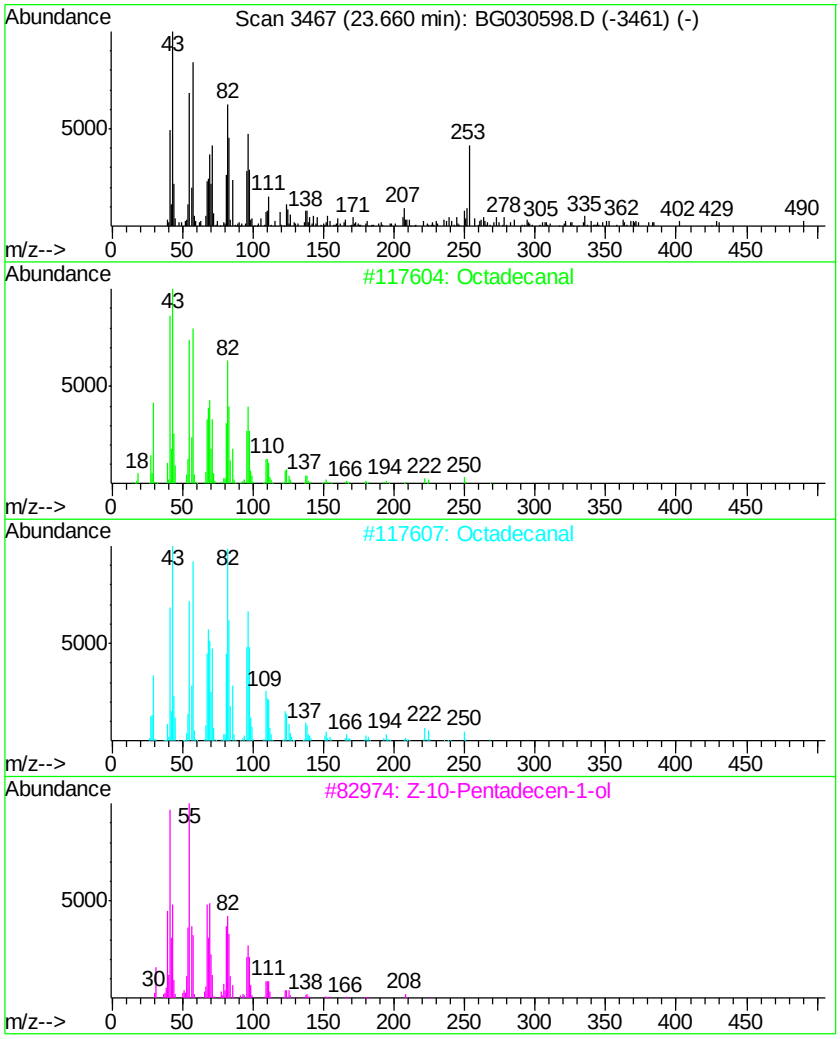
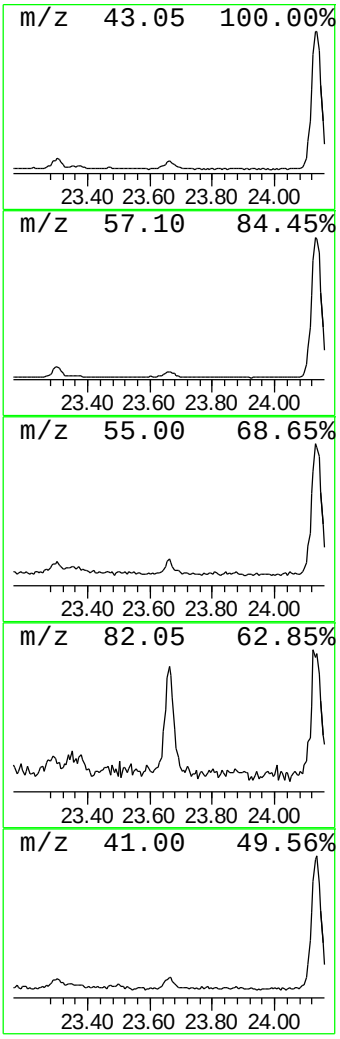
Peak Number 25 Octadecanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.66	3.39 ng/ul	296311	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanal	268	C18H36O	000638-66-4	74
2	Octadecanal	268	C18H36O	000638-66-4	74
3	Z-10-Pentadecen-1-ol	226	C15H30O	1000245-48-5	70
4	Octadecanal	268	C18H36O	000638-66-4	70
5	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	64





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ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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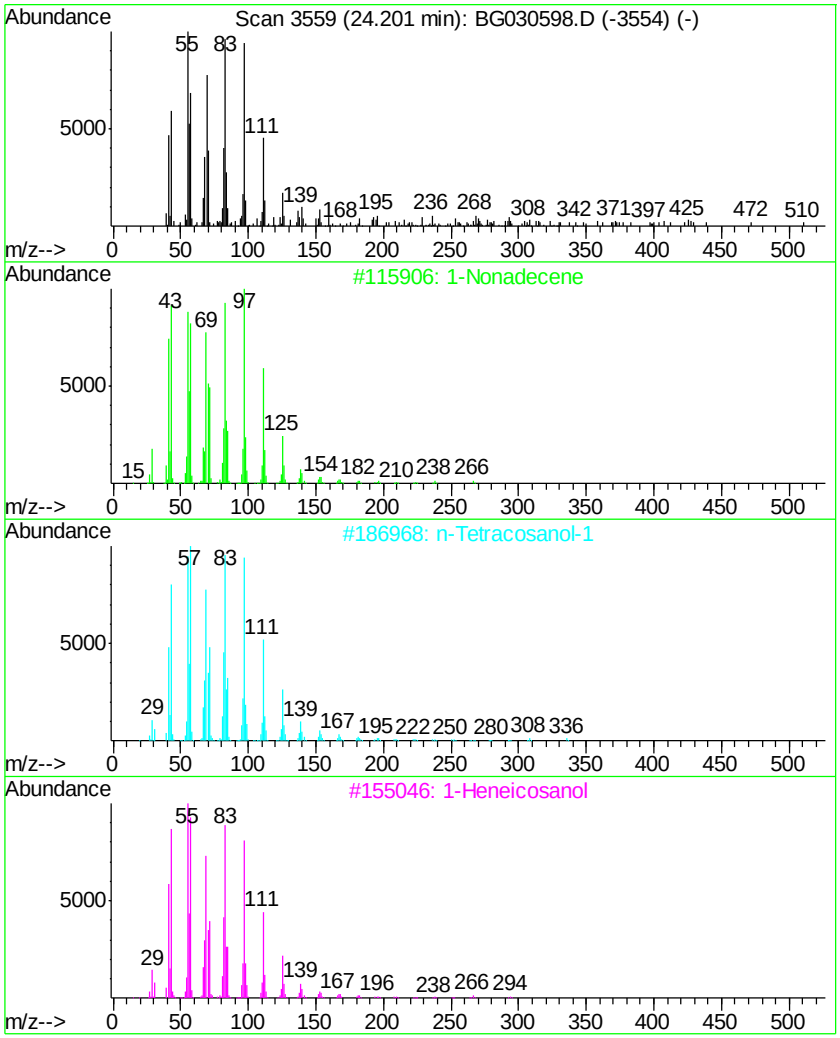
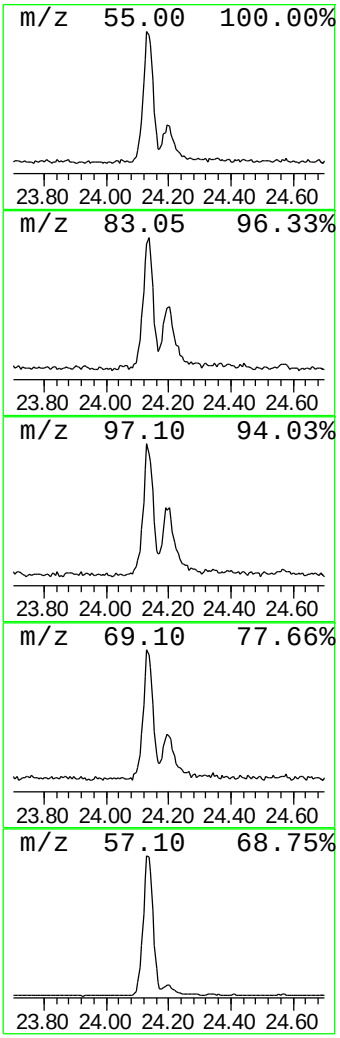
Peak Number 26 (DEL) Alkane: Cyclic24.20 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.20	4.83 ng/ul	422135	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	87
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	86
3	1-Heneicosanol	312	C21H44O	015594-90-8	86
4	1-Docosanethiol	342	C22H46S	007773-83-3	80
5	Acetic acid n-octadecyl ester	312	C20H40O2	000822-23-1	68





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

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Quant Title : SVOA CALIBRATION

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

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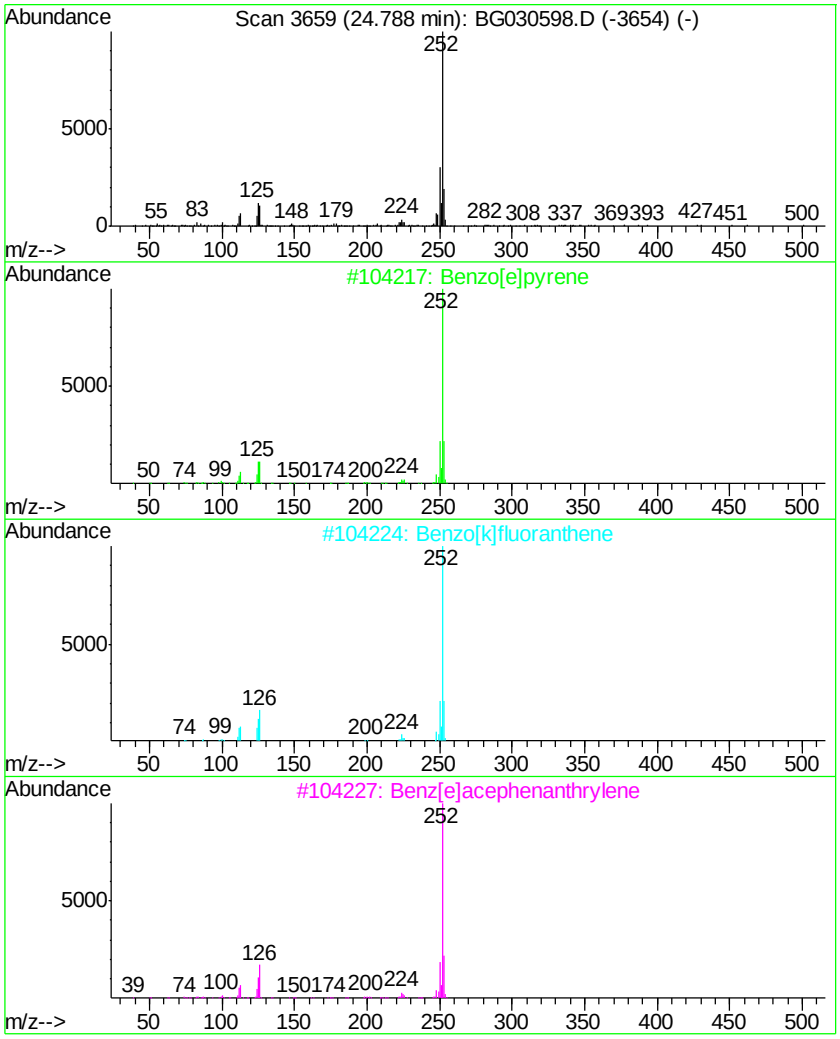
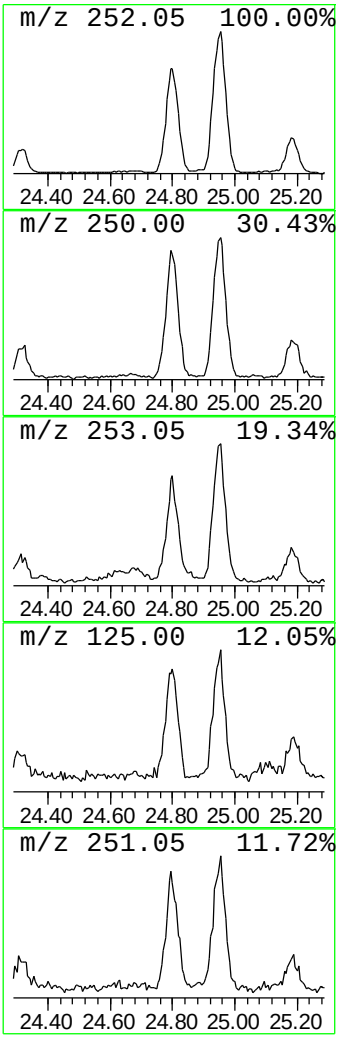
Peak Number 27 Benzo[e]pyrene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	3.32 ng/ul	290028	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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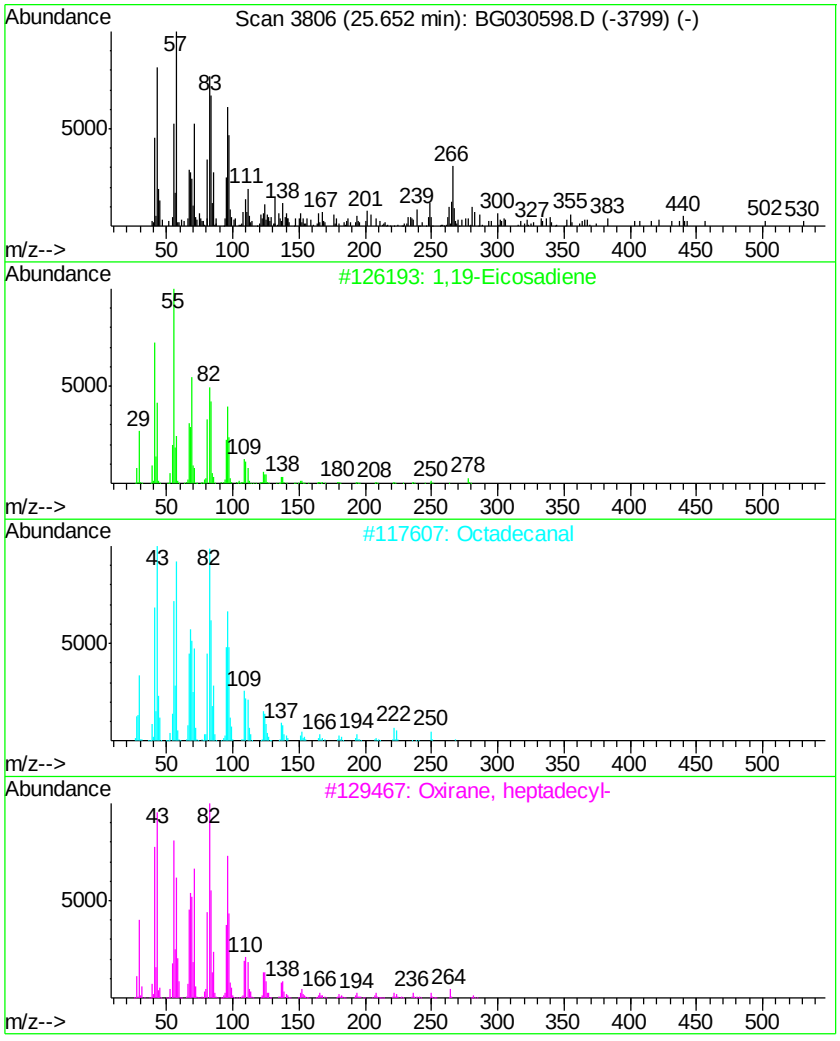
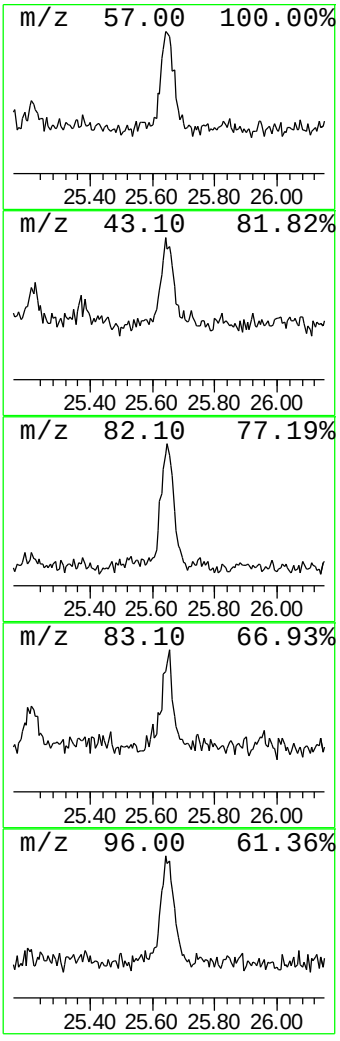
Peak Number 28 (DEL) Alkane: Cyclic25.65 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.65	2.27 ng/ul	198675	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,19-Eicosadiene	278	C20H38	014811-95-1	89
2	Octadecanal	268	C18H36O	000638-66-4	76
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	74
4	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	53
5	Octadecanal	268	C18H36O	000638-66-4	52





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Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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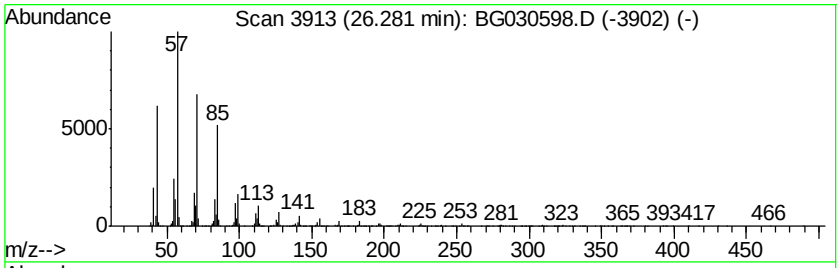
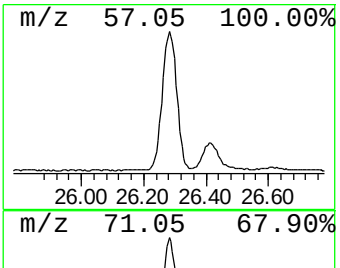
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.28	25.89 ng/ul	2264610	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	95
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	95
3	Tetracosane	338	C24H50	000646-31-1	94
4	Eicosane, 9-octyl-	394	C28H58	013475-77-9	94
5	Hexacosane	366	C26H54	000630-01-3	94





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Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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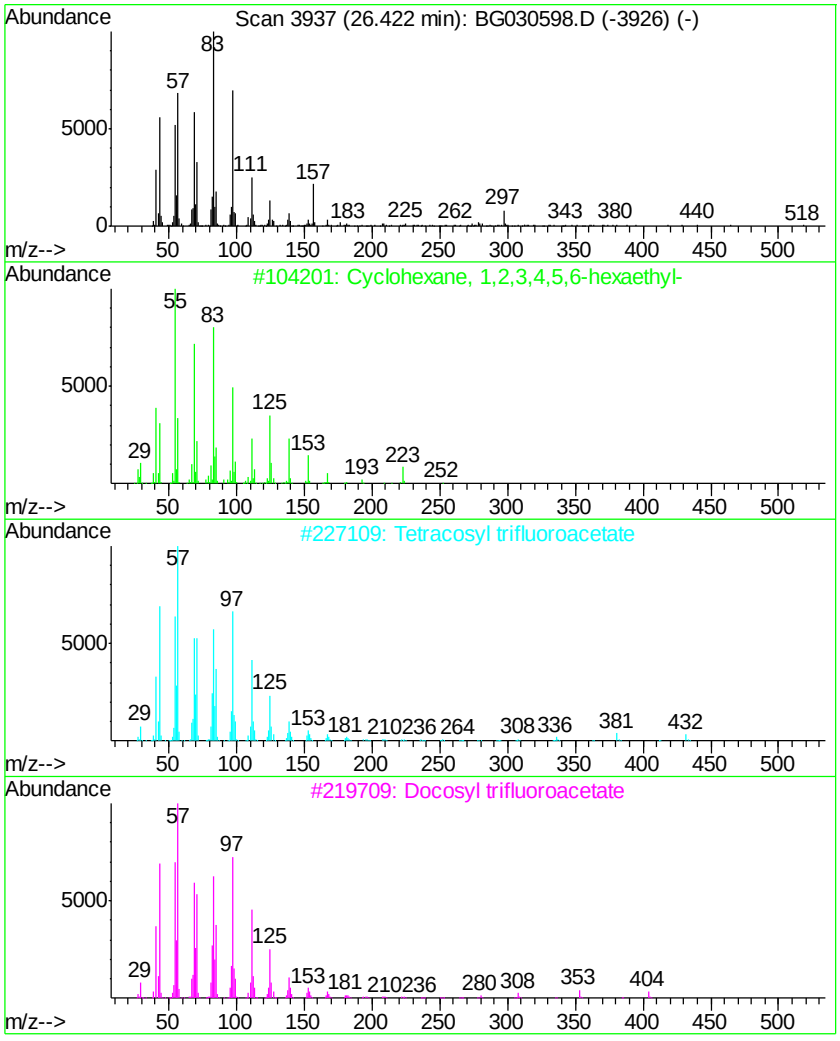
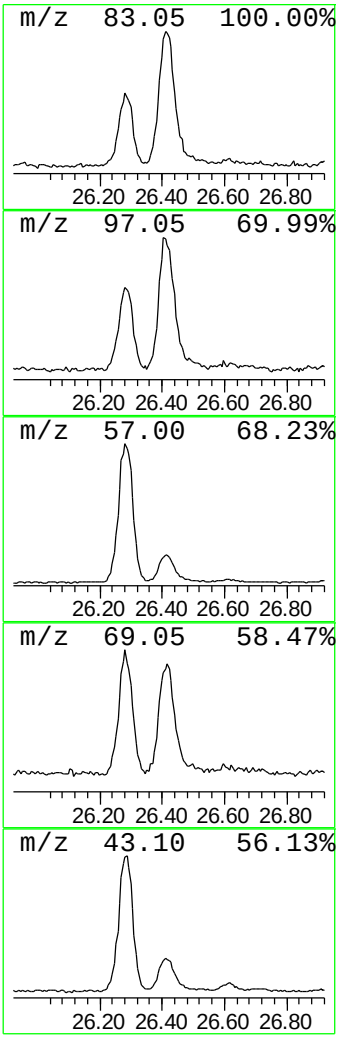
Peak Number 30 (DEL) Alkane: Cyclic26.42 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.42	10.45 ng/ul	914124	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,3,4,5,6-hexaethyl-	252	C18H36	001795-14-8	58
2	Tetracosyl trifluoroacetate	450	C26H49F3O2	1000351-76-4	50
3	Docosyl trifluoroacetate	422	C24H45F3O2	1000351-75-5	45
4	Tetracosyl pentafluoropropionate	500	C27H49F5O2	1000351-81-3	45
5	Tricosyl heptafluorobutyrate	536	C27H47F7O2	1000351-83-4	45





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Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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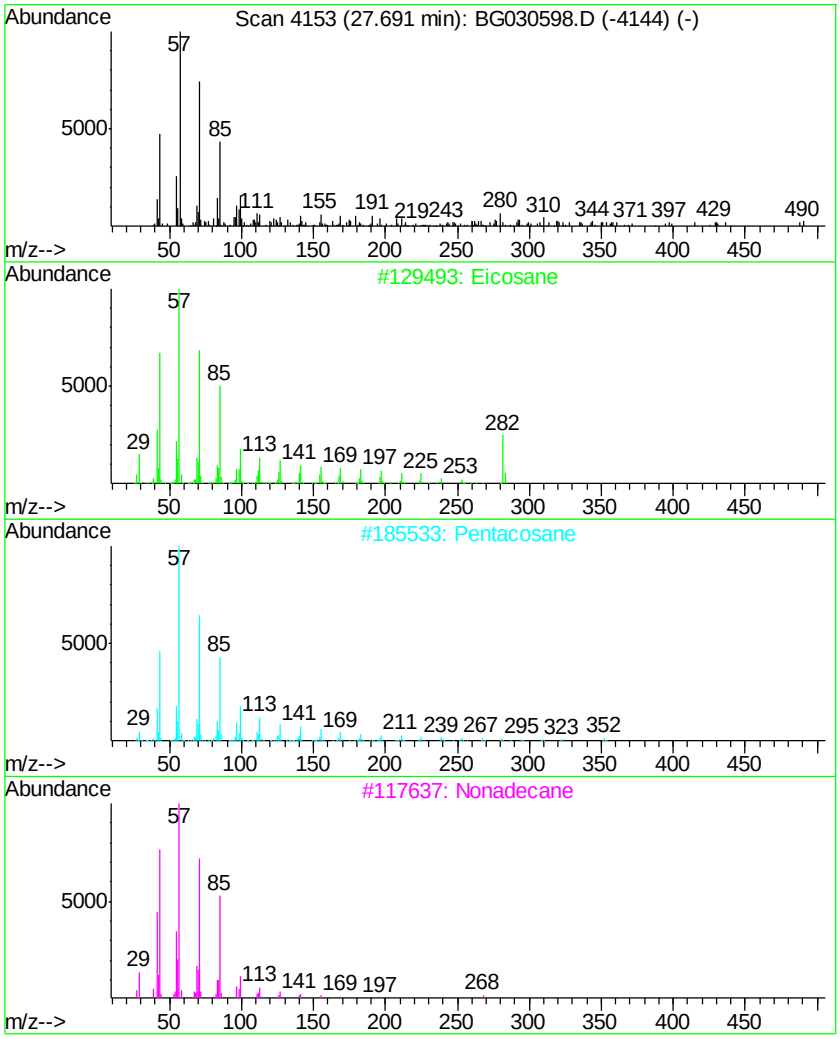
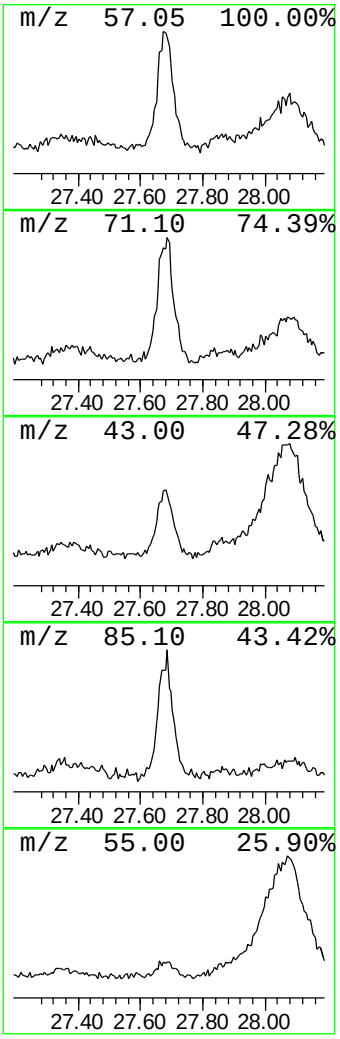
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.69	2.18 ng/ul	190788	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	89
2	Pentacosane	352	C25H52	000629-99-2	89
3	Nonadecane	268	C19H40	000629-92-5	76
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	68
5	Eicosane	282	C20H42	000112-95-8	64





Library Search Compound Report

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Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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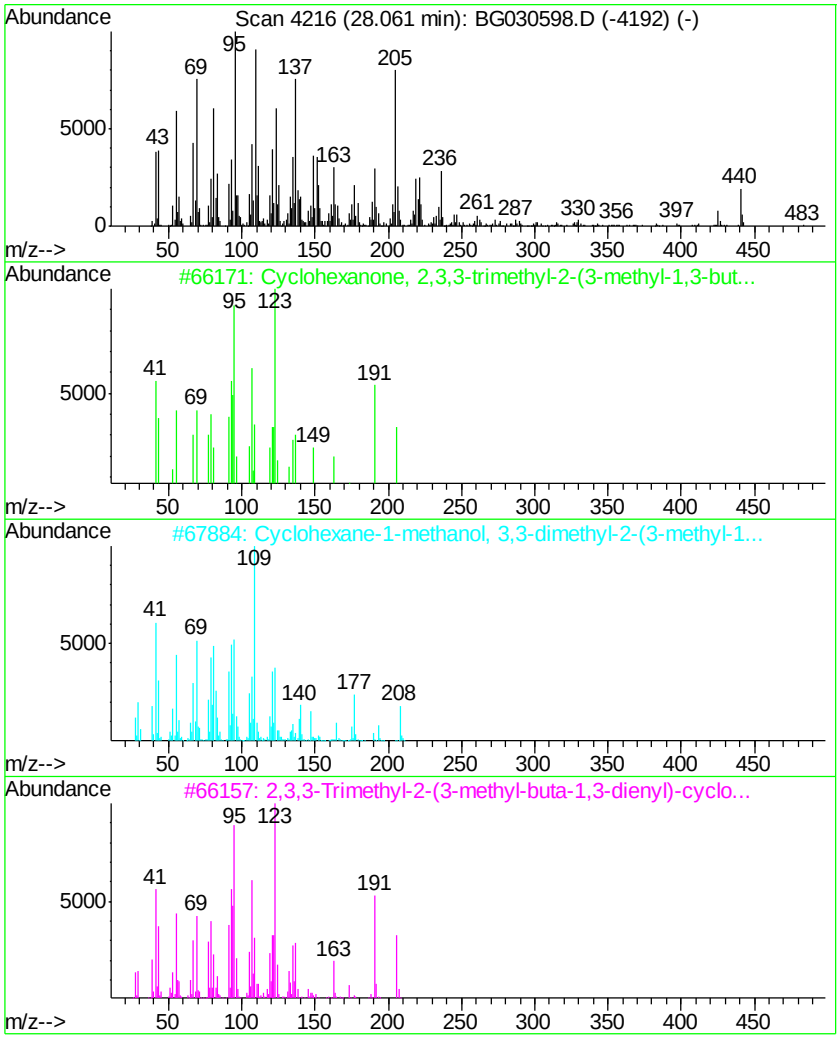
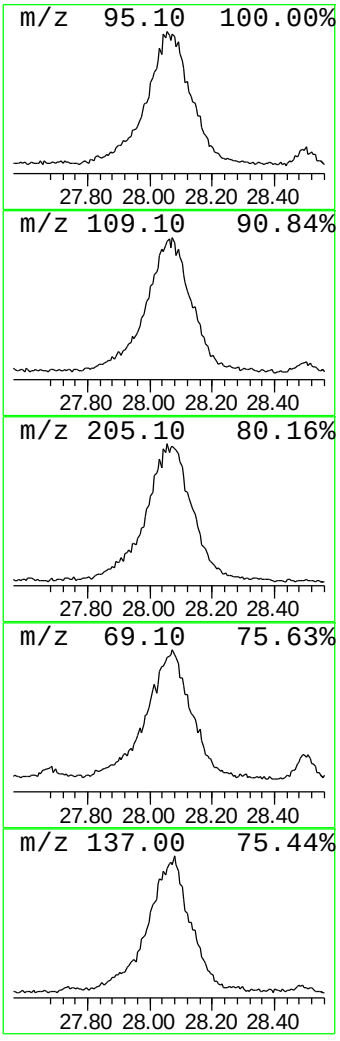
Peak Number 32 unknown-06 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.06	93.00 ng/ul	8133460	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexanone, 2,3,3-trimethyl-2...	206	C14H22O	069296-90-8	47
2	Cyclohexane-1-methanol, 3,3-dime...	208	C14H24O	1000196-01-5	40
3	2,3,3-Trimethyl-2-(3-methyl-buta...	206	C14H22O	1000193-60-6	35
4	1-Isopropenyl-4,5-dimethylbicycl...	330	C21H30OS	1000195-85-4	30
5	(2Z,4E)-3,7,11-Trimethyl-2,4,10-...	206	C15H26	172549-29-0	27





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Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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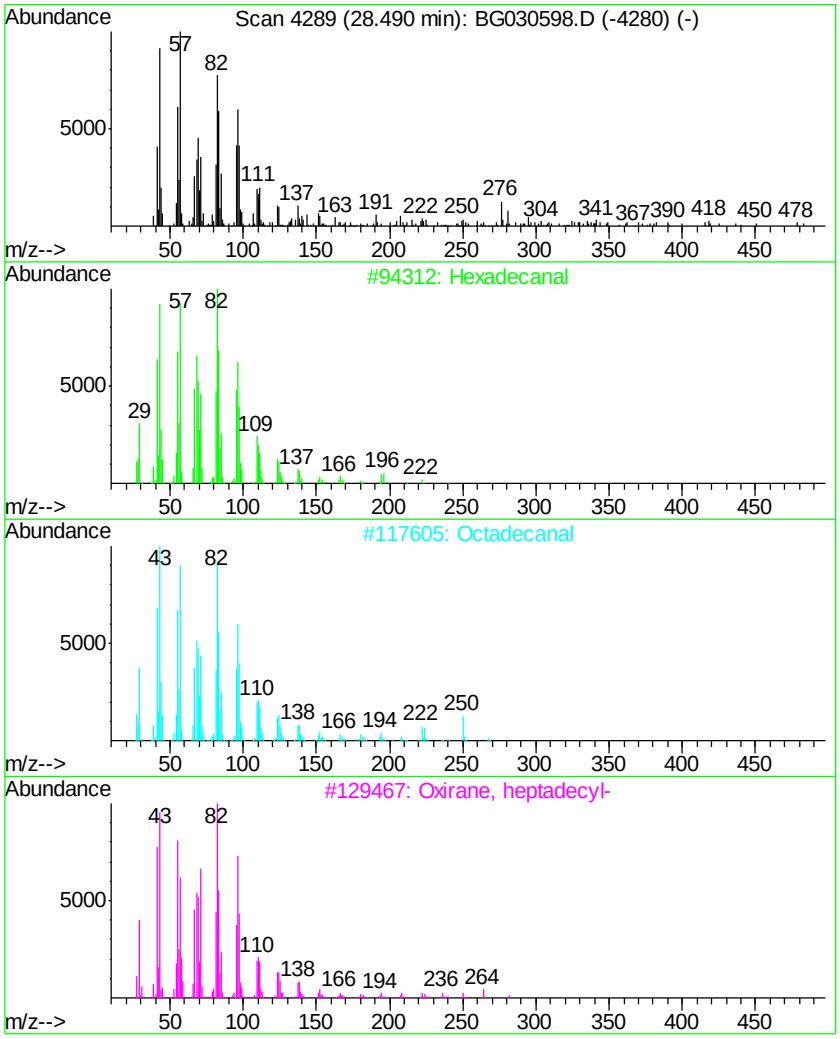
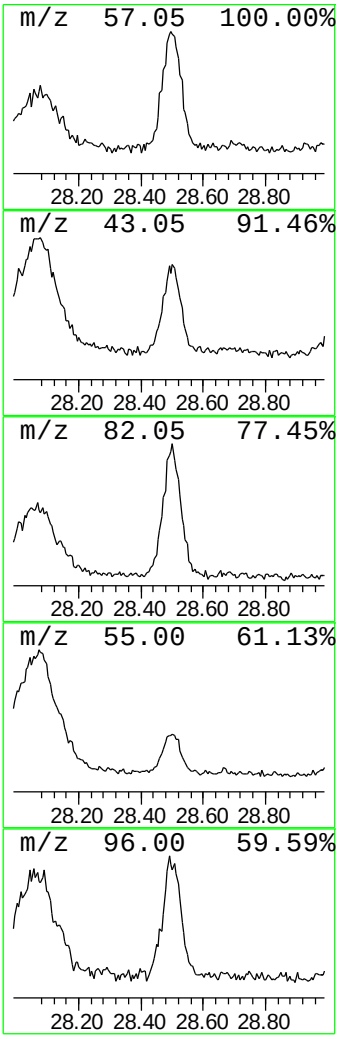
Peak Number 33 Hexadecanal Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.49	7.81 ng/ul	682638	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanal	240	C16H32O	000629-80-1	93
2	Octadecanal	268	C18H36O	000638-66-4	86
3	Oxirane, heptadecyl-	282	C19H38O	067860-04-2	83
4	1,19-Eicosadiene	278	C20H38	014811-95-1	83
5	(Z)-14-Tricosenyl formate	366	C24H46O2	077899-10-6	81





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Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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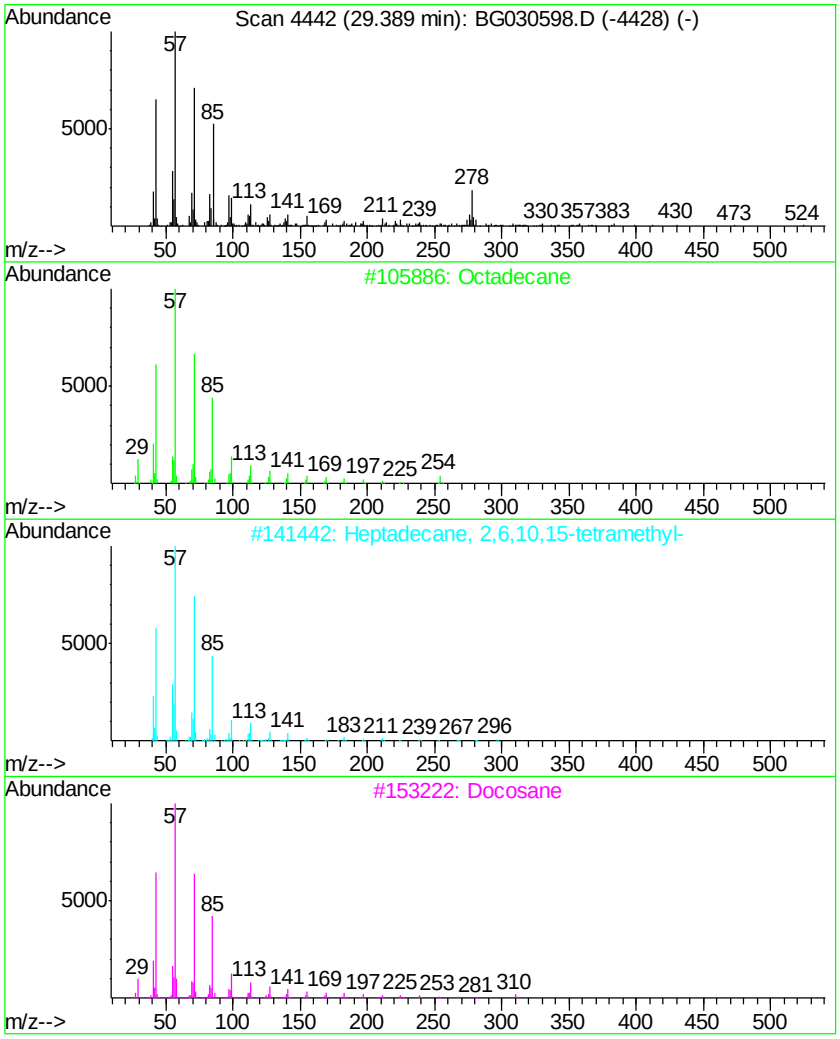
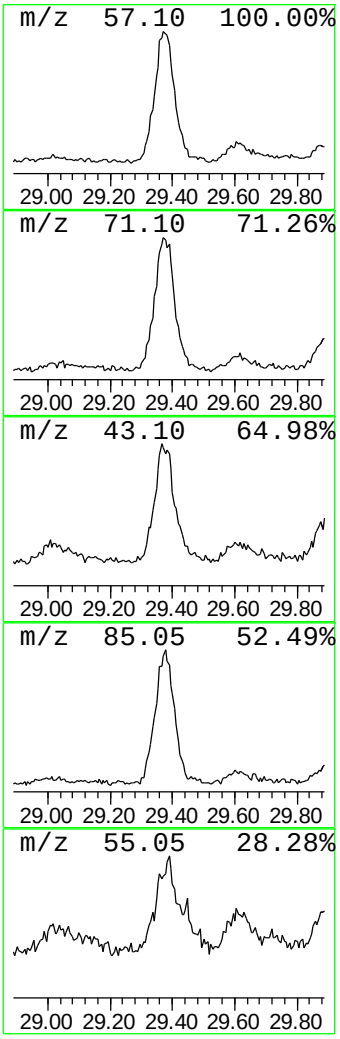
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.39	10.16 ng/ul	888117	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
3	Docosane	310	C22H46	000629-97-0	89
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	89
5	Octadecane	254	C18H38	000593-45-3	86





Library Search Compound Report

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Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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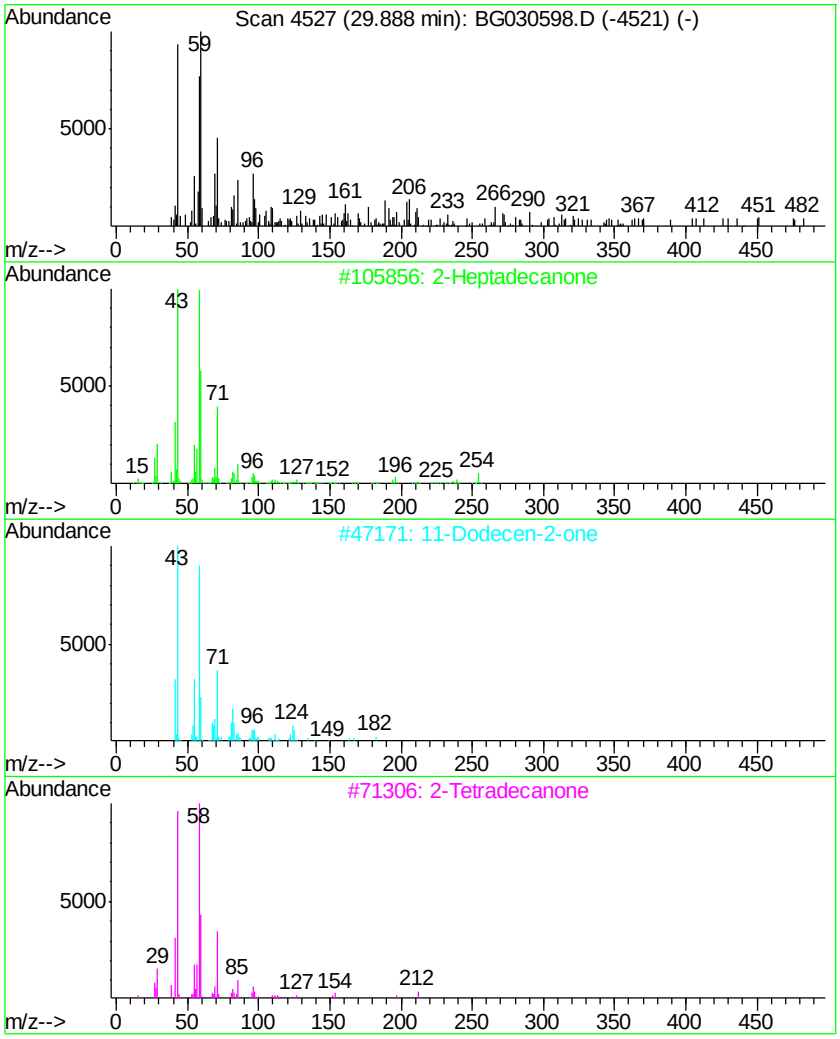
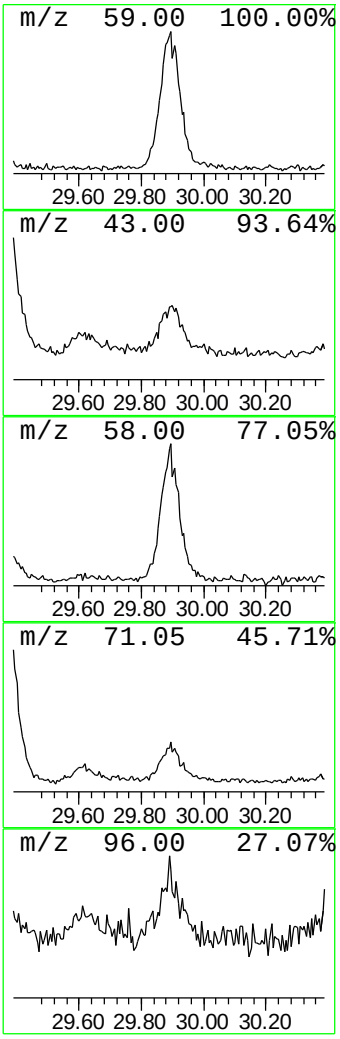
Peak Number 35 unknown-07 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.89	2.24 ng/ul	195495	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Heptadecanone	254	C17H34O	002922-51-2	43
2	11-Dodecen-2-one	182	C12H22O	005009-33-6	38
3	2-Tetradecanone	212	C14H28O	002345-27-9	35
4	Octanal, 7-hydroxy-3,7-dimethyl-	172	C10H20O2	000107-75-5	35
5	Oxirane, 2-methyl-2-(1-methyleth...	100	C6H12O	072221-03-5	27





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Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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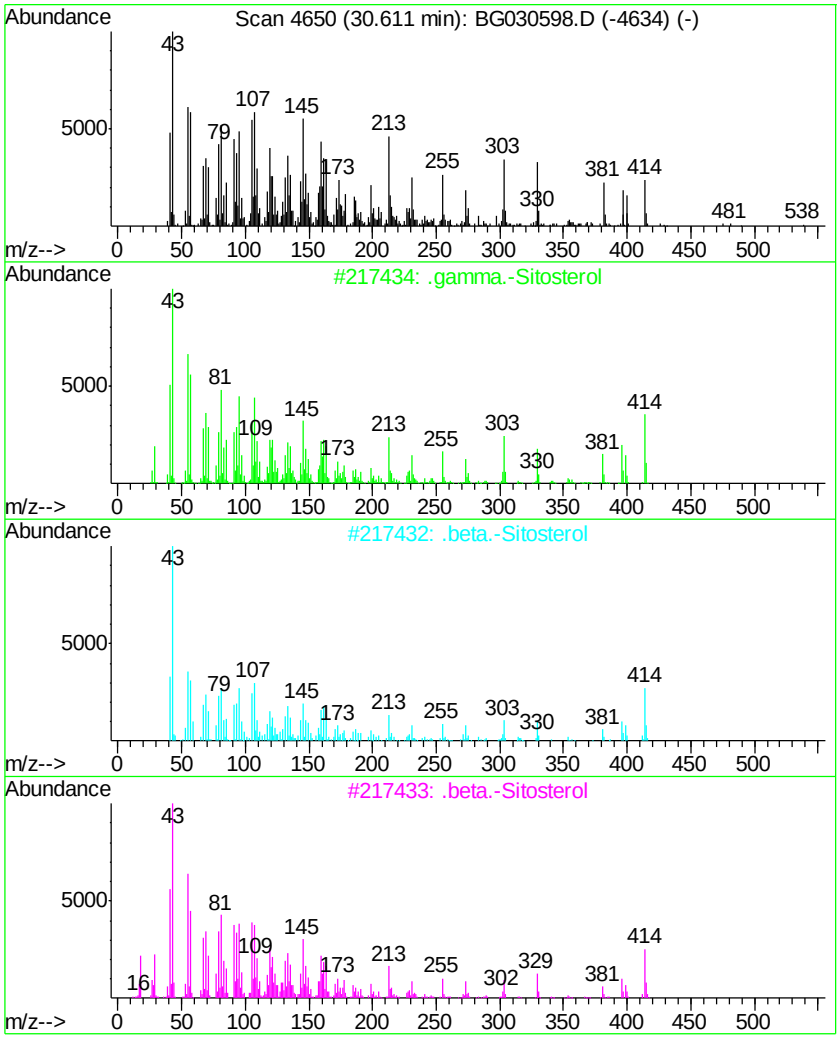
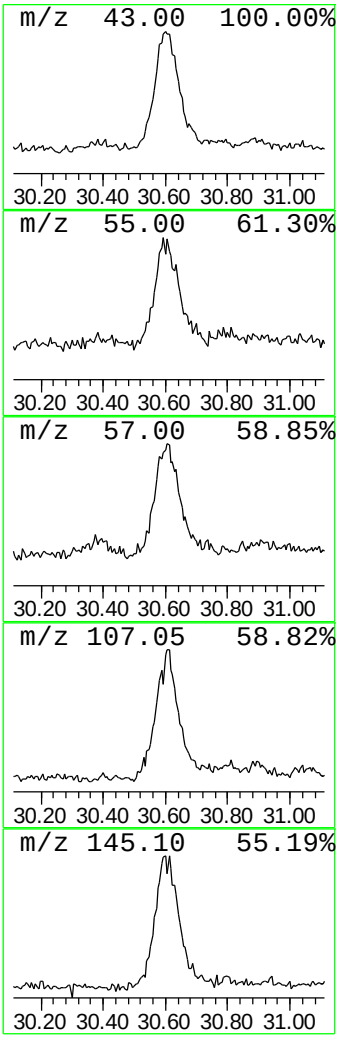
Peak Number 36 .gamma.-Sitosterol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.61	24.17 ng/ul	2113760	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.gamma.-Sitosterol	414	C29H50O	000083-47-6	99
2	.beta.-Sitosterol	414	C29H50O	000083-46-5	95
3	.beta.-Sitosterol	414	C29H50O	000083-46-5	89
4	.gamma.-Sitosterol	414	C29H50O	000083-47-6	64
5	Ergost-5-en-3-ol, (3.beta.)-	400	C28H48O	004651-51-8	46





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Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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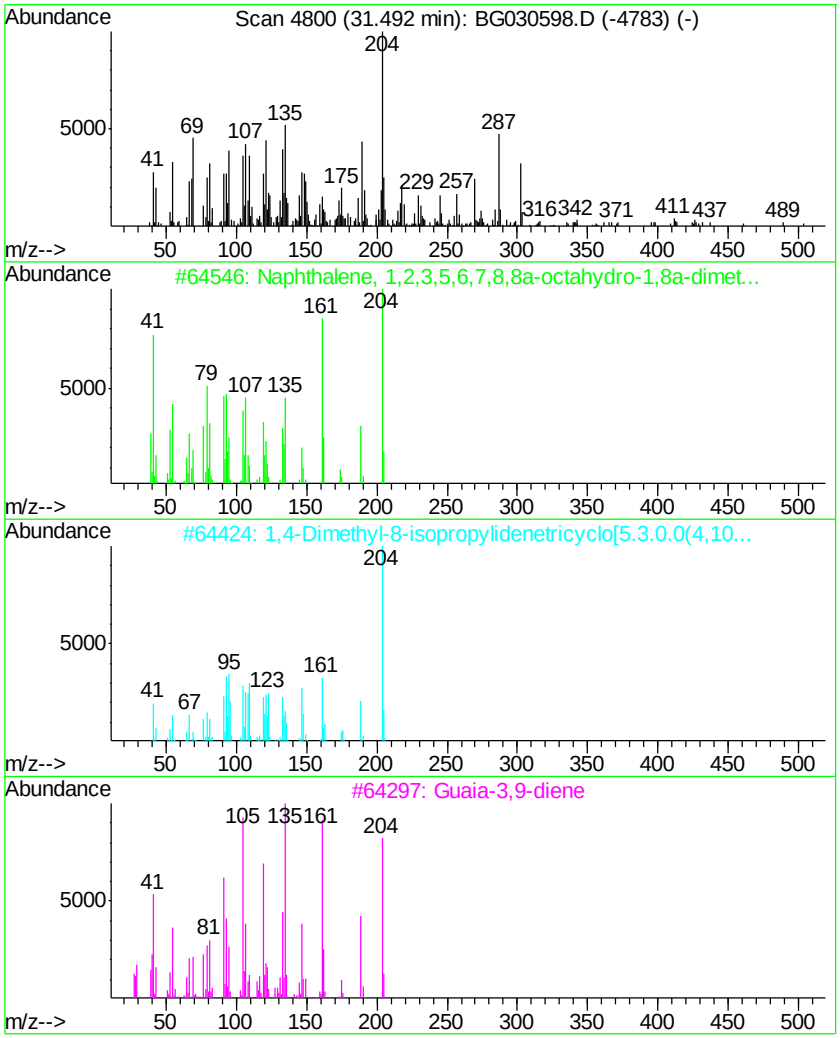
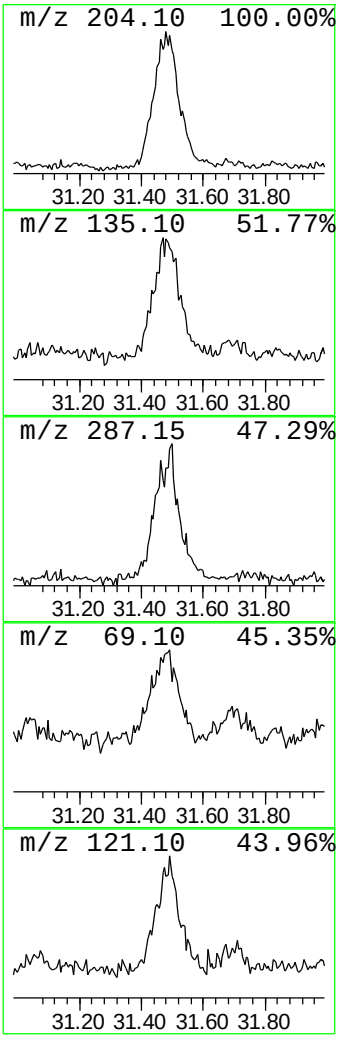
Peak Number 37 Naphthalene, 1,2,3,5,6,7,8,... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
31.49	12.43 ng/ul	1087020	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	004630-07-3	59
2	1,4-Dimethyl-8-isopropylidenetri...	204	C15H24	1000140-07-7	49
3	Guaia-3,9-diene	204	C15H24	000489-83-8	47
4	2,5,5,8a-Tetramethyl-6,7,8,8a-te...	204	C14H20O	124957-09-1	45
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\Data\BG103017\
Data File : BG030598.D
Acq On : 31 Oct 2017 3:31
Operator : SJ/JU
Sample : I5842-05
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AA5

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Buten-2-ol, 2-m...	3.33	3.0	ng/ul	69920	1	8.16	466477	20.0
2-Butene, 1-bromo...	4.54	6.4	ng/ul	148650	1	8.16	466477	20.0
unknown-01	4.95	3.6	ng/ul	84831	1	8.16	466477	20.0
.alpha.-Pinene	6.84	3.6	ng/ul	84913	1	8.16	466477	20.0
Hexanoic acid	7.15	2.6	ng/ul	61753	1	8.16	466477	20.0
2-Hydroxy-iso-but...	12.27	3.1	ng/ul	121927	2	10.98	785162	20.0
.beta.-copaene	13.66	2.9	ng/ul	159653	3	14.78	1100230	20.0
Aromandendrene	14.84	2.7	ng/ul	149507	3	14.78	1100230	20.0
4-isopropyl-1,6-d...	15.09	2.0	ng/ul	110319	3	14.78	1100230	20.0
Benzophenone	16.12	11.5	ng/ul	630967	3	14.78	1100230	20.0
Copaene	16.24	2.6	ng/ul	169076	4	17.51	1274530	20.0
unknown-02	16.61	2.6	ng/ul	165823	4	17.51	1274530	20.0
n-Hexadecanoic acid	18.38	5.3	ng/ul	340054	4	17.51	1274530	20.0
9,10-Anthracenedione	18.92	2.2	ng/ul	139361	4	17.51	1274530	20.0
Octadecanoic acid	19.65	3.6	ng/ul	227911	4	17.51	1274530	20.0
trans-1-Cinnamoyl...	20.26	3.4	ng/ul	355185	5	21.79	2116230	20.0
unknown-03	20.40	3.1	ng/ul	330468	5	21.79	2116230	20.0
2-Propenal, 3-(2-...	21.06	2.4	ng/ul	252725	5	21.79	2116230	20.0
Cinnamyl cinnamate	21.23	47.4	ng/ul	5011940	5	21.79	2116230	20.0
2-Cyclohexene-1-c...	21.33	2.1	ng/ul	219001	5	21.79	2116230	20.0
(DEL) Alkane: Cyc...	21.40	7.5	ng/ul	791287	5	21.79	2116230	20.0
unknown-04	22.22	2.3	ng/ul	241509	5	21.79	2116230	20.0
unknown-05	22.27	3.5	ng/ul	367148	5	21.79	2116230	20.0
1-Heneicosanol	22.61	12.9	ng/ul	1359310	5	21.79	2116230	20.0
Octadecanal	23.66	3.4	ng/ul	296311	6	25.11	1749100	20.0
(DEL) Alkane: Cyc...	24.20	4.8	ng/ul	422135	6	25.11	1749100	20.0
Benzo[e]pyrene	24.79	3.3	ng/ul	290028	6	25.11	1749100	20.0
(DEL) Alkane: Cyc...	25.65	2.3	ng/ul	198675	6	25.11	1749100	20.0
(DEL) Alkane: Str...	26.28	25.9	ng/ul	2264610	6	25.11	1749100	20.0
(DEL) Alkane: Cyc...	26.42	10.4	ng/ul	914124	6	25.11	1749100	20.0
(DEL) Alkane: Str...	27.69	2.2	ng/ul	190788	6	25.11	1749100	20.0
unknown-06	28.06	93.0	ng/ul	8133460	6	25.11	1749100	20.0
Hexadecanal	28.49	7.8	ng/ul	682638	6	25.11	1749100	20.0
(DEL) Alkane: Str...	29.39	10.2	ng/ul	888117	6	25.11	1749100	20.0
unknown-07	29.89	2.2	ng/ul	195495	6	25.11	1749100	20.0
.gamma.-Sitosterol	30.61	24.2	ng/ul	2113760	6	25.11	1749100	20.0
Naphthalene, 1,2,...	31.49	12.4	ng/ul	1087020	6	25.11	1749100	20.0