LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030583.D
Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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	3.324	4	6	13	rVB4	15707	23767	0.13%	0.023%
2	3.547	39	44	55	rVB	18550	37417	0.21%	0.036%
3	4.082	129	135	144	rVV	26773	44082	0.24%	0.043%
4	7.313	677	685	703	rVB2	354360	719248	3.94%	0.700%
5	7.478	703	713	726	rBV	319308	521313	2.86%	0.507%
6	7.689	739	749	761	rBV	377776	671836	3.68%	0.654%
7	8.159	820	829	843	rBV	392578	685387	3.76%	0.667%
8	8.858	938	948	959	rBV	228392	409502	2.25%	0.398%
9	9.322	1019	1027	1036	rBV	365200	654447	3.59%	0.637%
10	10.051	1137	1151	1164	rBV	325089	616092	3.38%	0.599%
11	10.592	1234	1243	1258	rBV	486761	878753	4.82%	0.855%
12	10.974	1297	1308	1319	rBV	574718	1035844	5.68%	1.008%
13	11.103	1319	1330	1344	rVV	277804	534299	2.93%	0.520%
14	12.272	1522	1529	1541	rBV	70395	124743	0.68%	0.121%
15	13.118	1664	1673	1683	rBV	13475	35369	0.19%	0.034%
16	13.388	1709	1719	1724	rVV10	8324	19538	0.11%	0.019%
17	13.565	1744	1749	1758	rBV3	40687	91226	0.50%	0.089%
18	13.829	1786	1794	1800	rVB4	15348	36659	0.20%	0.036%
19	13.923	1800	1810	1813	rBV4	10916	29400	0.16%	0.029%
20	14.099	1835	1840	1844	rVV7	15962	27836	0.15%	0.027%
21	14.170	1845	1852	1869	rVV	896822	1574247	8.63%	1.532%
22	14.317	1870	1877	1886	rVB	20448	52265	0.29%	0.051%
23	14.475	1897	1904	1909	rBV	1055265	1699060	9.32%	1.653%
24	14.522	1910	1912	1916	rVB4	35064	46999	0.26%	0.046%
25	14.605	1921	1926	1931	rVB	109029	174206	0.96%	0.170%
26	14.657	1931	1935	1937	rBV2	28731	42635	0.23%	0.041%
27	14.775	1943	1955	1965	rBV2	811021	1490494	8.18%	1.450%
28	14.863	1965	1970	1975	rBV4	27238	59204	0.32%	0.058%
29	14.957	1980	1986	1999	rBV	257560	503501	2.76%	0.490%
30	15.116	2006	2013	2017	rVV6	24973	54593	0.30%	0.053%
31	15.151	2017	2019	2026	rVB8	16052	31927	0.18%	0.031%
32	15.286	2037	2042	2045	rBV5	22763	36305	0.20%	0.035%
33	15.398	2055	2061	2063	rBV6	43528	77758	0.43%	0.076%
34	15.427	2063	2066	2072	rVB6	48575	79952	0.44%	0.078%

LSC Area Percent Report

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Data File : BG030583.D
Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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	15.492	2072	2077	2081	rBV5	52825	87695	0.48%	0.085%
36	15.562	2082	2089	2093	rVV3	132215	225949	1.24%	0.220%
37	15.603	2093	2096	2100	rVB	32720	43391	0.24%	0.042%
38	15.662	2101	2106	2109	rBV6	37936	60537	0.33%	0.059%
39	15.703	2110	2113	2116	rVB2	26478	28354	0.16%	0.028%
40	15.762	2116	2123	2129	rBV	1364094	2081842	11.42%	2.026%
41	15.874	2137	2142	2155	rVB	271485	471144	2.58%	0.458%
42	16.009	2156	2165	2172	rBV3	70631	185303	1.02%	0.180%
43	16.120	2177	2184	2189	rBV	360329	548005	3.01%	0.533%
44	16.267	2205	2209	2210	rBV4	20087	28380	0.16%	0.028%
45	16.414	2229	2234	2239	rBV	79105	184173	1.01%	0.179%
46	16.485	2239	2246	2250	rVB2	164775	309850	1.70%	0.301%
47	16.590	2260	2264	2265	rBV4	31998	41350	0.23%	0.040%
48	16.737	2284	2289	2293	rBV	113322	164596	0.90%	0.160%
49	16.896	2313	2316	2323	rVB3	55250	79430	0.44%	0.077%
50	16.966	2325	2328	2331	rVB4	39102	49809	0.27%	0.048%
51	17.049	2337	2342	2347	rBV5	83875	180164	0.99%	0.175%
52	17.249	2374	2376	2380	rVB2	50130	53156	0.29%	0.052%
53	17.307	2381	2386	2390	rBV	97595	159778	0.88%	0.155%
54	17.401	2397	2402	2407	rBV	146022	225776	1.24%	0.220%
55	17.513	2415	2421	2427	rBV2	1003906	1660401	9.11%	1.616%
56	17.613	2433	2438	2444	rVB2	1348588	1945637	10.67%	1.893%
57	17.865	2476	2481	2485	rBV2	179938	279697	1.53%	0.272%
58	17.912	2486	2489	2493	rVV4	90341	128680	0.71%	0.125%
59	17.995	2499	2503	2508	rVB3	150094	210595	1.16%	0.205%
60	18.159	2527	2531	2537	rBV	689049	871368	4.78%	0.848%
61	18.288	2550	2553	2557	rBV3	105202	147528	0.81%	0.144%
62	18.588	2601	2604	2609	rVB2	156066	183233	1.01%	0.178%
63	18.864	2647	2651	2654	rBV	663356	835241	4.58%	0.813%
64	19.146	2696	2699	2703	rVB2	201653	246590	1.35%	0.240%
65	19.305	2723	2726	2731	rBV	170792	202183	1.11%	0.197%
66	19.892	2820	2826	2831	rBV	1618491	2513794	13.79%	2.446%
67	20.404	2911	2913	2917	rVB2	399329	452116	2.48%	0.440%
68	21.690	3129	3132	3137	rBV2	723486	1150479	6.31%	1.119%
69	22.360	3242	3246	3259	rVB8	1605883	3377793	18.53%	3.287%
70	22.754	3308	3313	3319	rBV7	1107796	2402740	13.18%	2.338%
71	24.787	3651	3659	3667	rBV2	1494693	4371688	23.98%	4.254%

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Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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	25.057	3697	3705	3714	rVB4	1626809	4641307	25.46%	4.516%
73	25.539	3781	3787	3797	rVB2	2131042	6150640	33.74%	5.985%
74	26.508	3945	3952	3975	rVB10	1307967	6392515	35.06%	6.220%
75	27.014	4027	4038	4055	rVB3	2777398	14080261	77.23%	13.701%
76	27.965	4194	4200	4208	rVB3	501117	1411221	7.74%	1.373%
77	28.189	4223	4238	4259	rVB	3996369	18231938	100.00%	17.740%
78	29.740	4492	4502	4519	rVB2	1010860	4645796	25.48%	4.521%
79	29.957	4528	4539	4558	rVB3	863644	4528987	24.84%	4.407%
80	31.179	4740	4747	4766	rVB4	566080	2519973	13.82%	2.452%
81	31.497	4792	4801	4803	rBV6	335179	859403	4.71%	0.836%

Sum of corrected areas: 102770390

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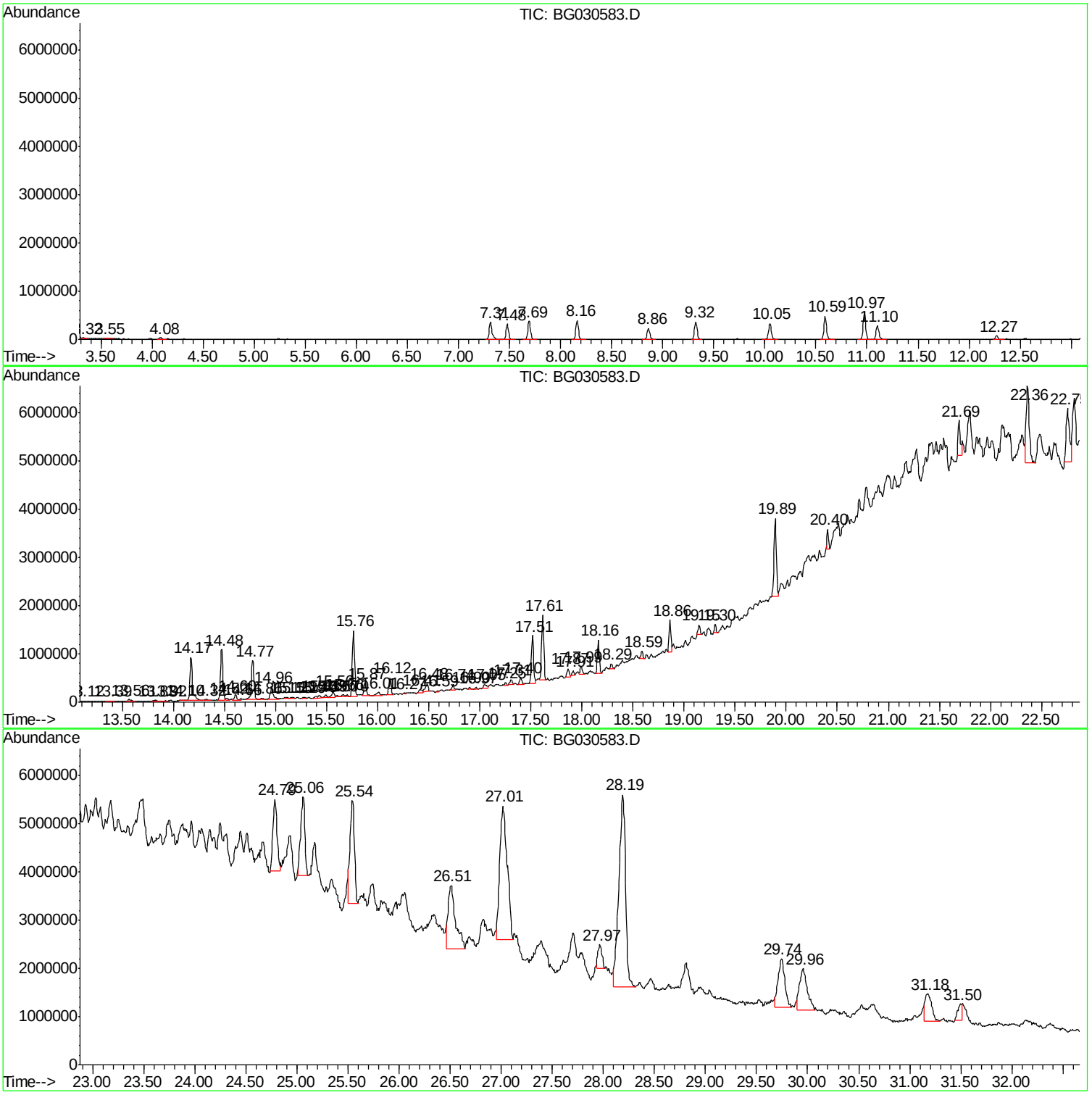
Instrument :
BNA_G
ClientSampleId :
C0AB3

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
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Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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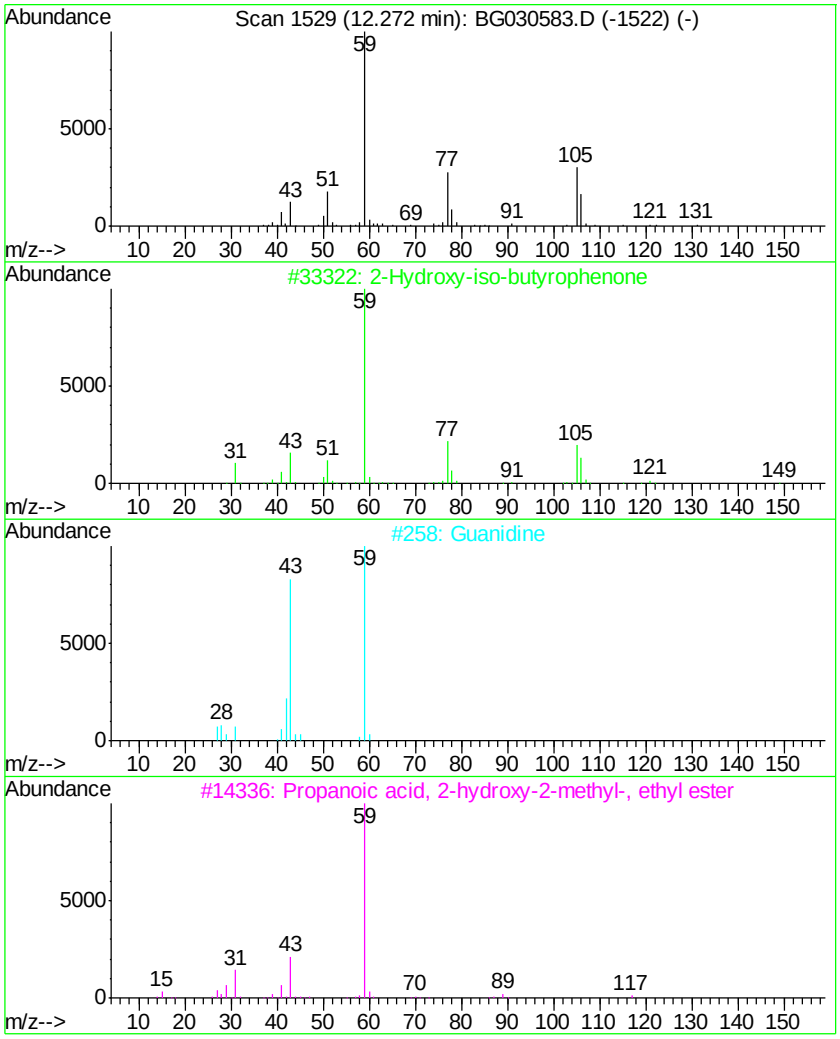
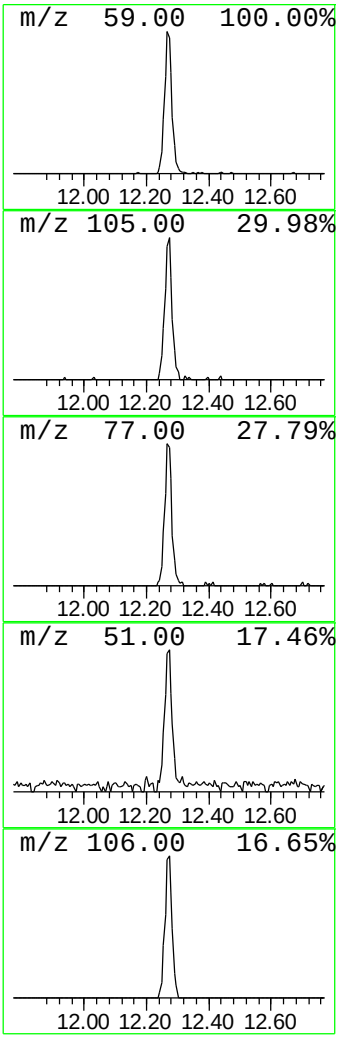
Peak Number 1 2-Hydroxy-iso-butyrophenone Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.27	2.41 ng/ul	124743	Naphthalene-d8	10.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxy-iso-butyrophenone	164	C10H12O2	007473-98-5	74
2	Guanidine	59	CH5N3	000113-00-8	9
3	Propanoic acid, 2-hydroxy-2-meth...	132	C6H12O3	000080-55-7	9
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	9
5	Ethanol, 1-methoxy-, benzoate	180	C10H12O3	051835-44-0	9





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Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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

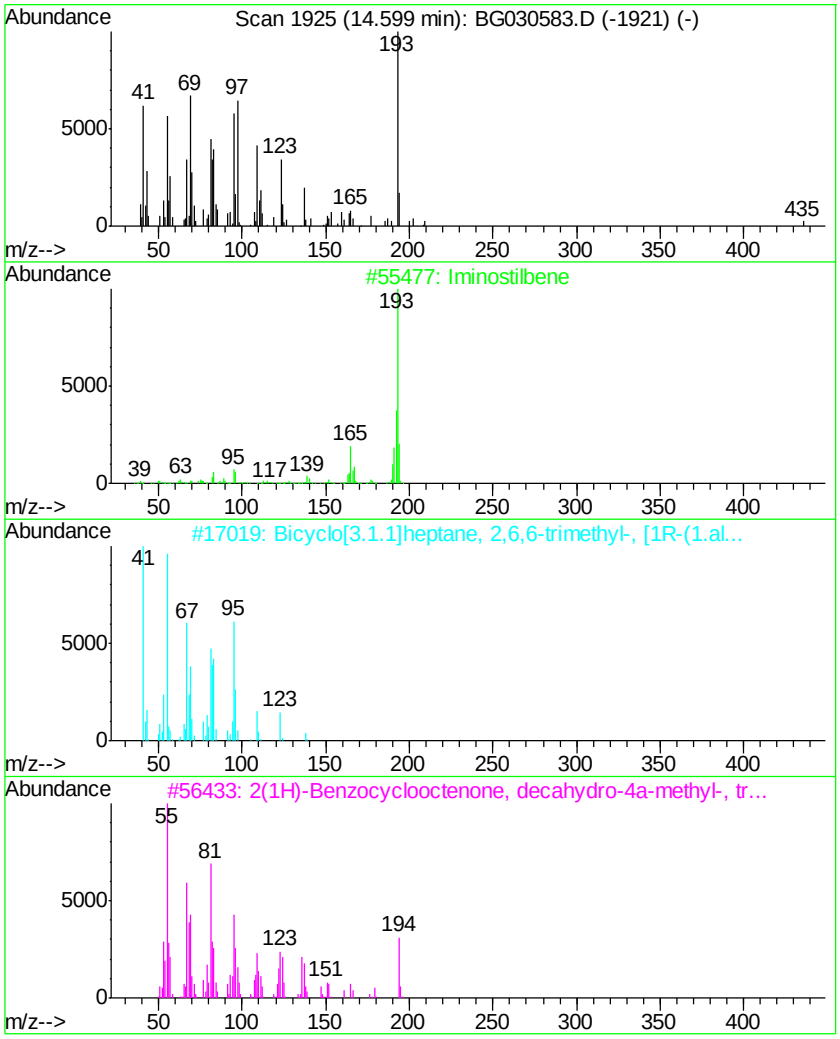
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

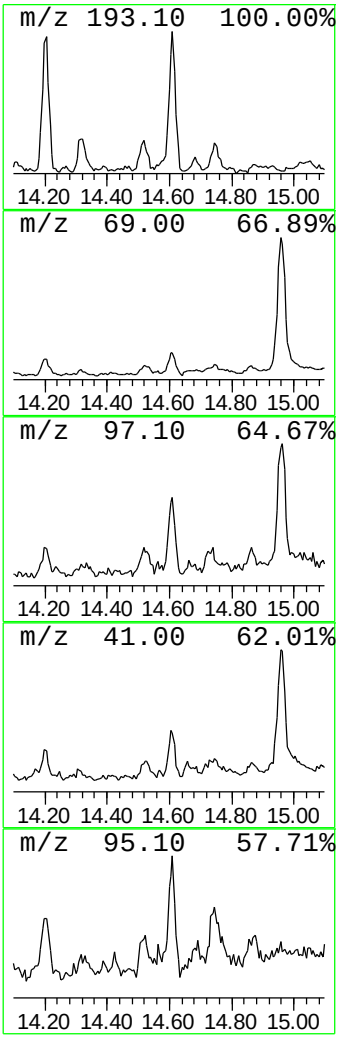
****

Peak Number 2 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.60	2.34 ng/ul	174206	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iminostilbene	193	C14H11N	000256-96-2	35
2	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004863-59-6	25
3	2(1H)-Benzocyclooctenone, decahy...	194	C13H22O	055103-66-7	25
4	Acridine, 9-methyl-	193	C14H11N	000611-64-3	25
5	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	006876-13-7	25





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Data File : BG030583.D
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Sample : I5842-15
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Instrument : BNA_G
ClientSampleId : C0AB3

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

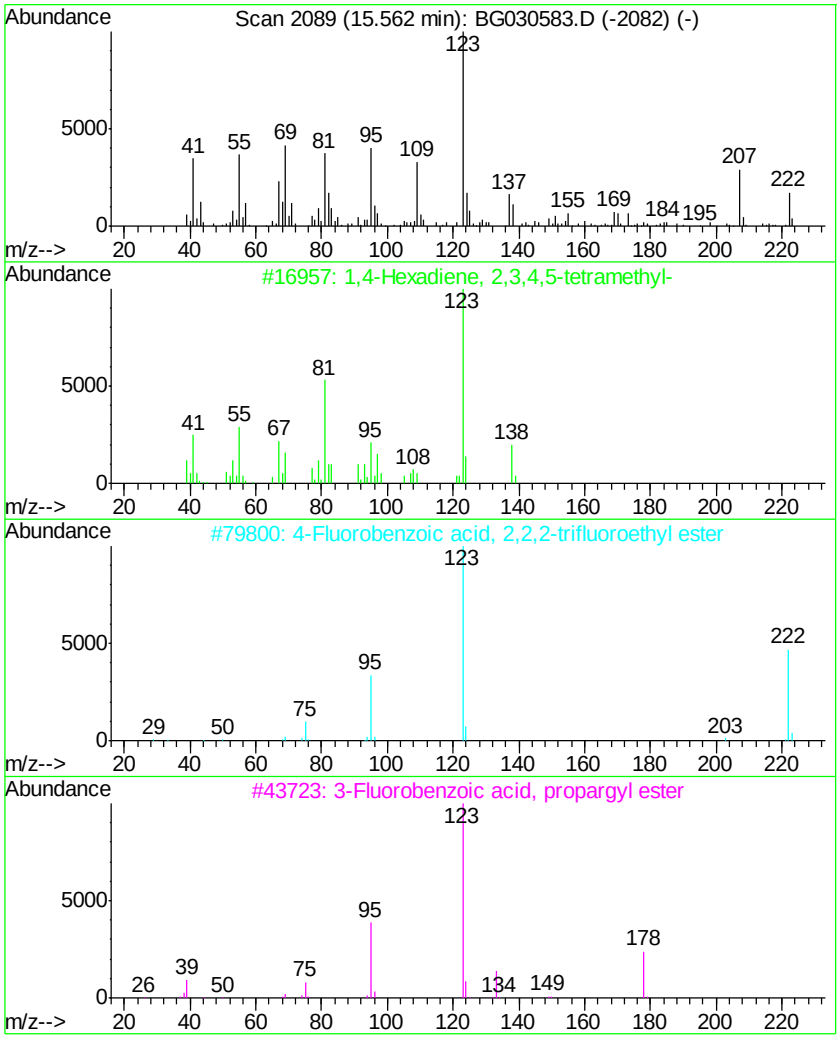
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

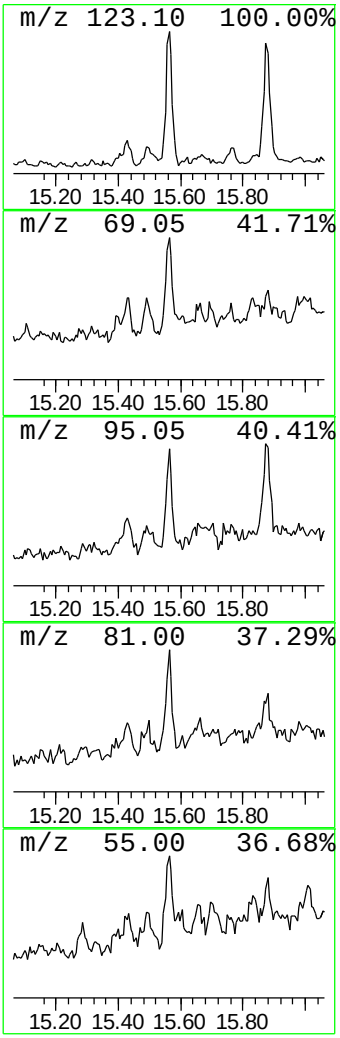
****

Peak Number 3 1,4-Hexadiene, 2,3,4,5-tetr... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.56	3.03 ng/ul	225949	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Hexadiene, 2,3,4,5-tetramethyl-	138	C10H18	051504-54-2	53
2	4-Fluorobenzoic acid, 2,2,2-trif...	222	C9H6F4O2	1000325-53-2	50
3	3-Fluorobenzoic acid, propargyl ...	178	C10H7FO2	1000325-53-9	49
4	3-Fluorobenzoic acid, 3-chloropr...	214	C10H8ClFO2	1000292-61-0	47
5	4-Fluorobenzoic acid, pentafluor...	306	C13H4F6O2	1000355-67-4	47





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Instrument : BNA_G
ClientSampleId : C0AB3

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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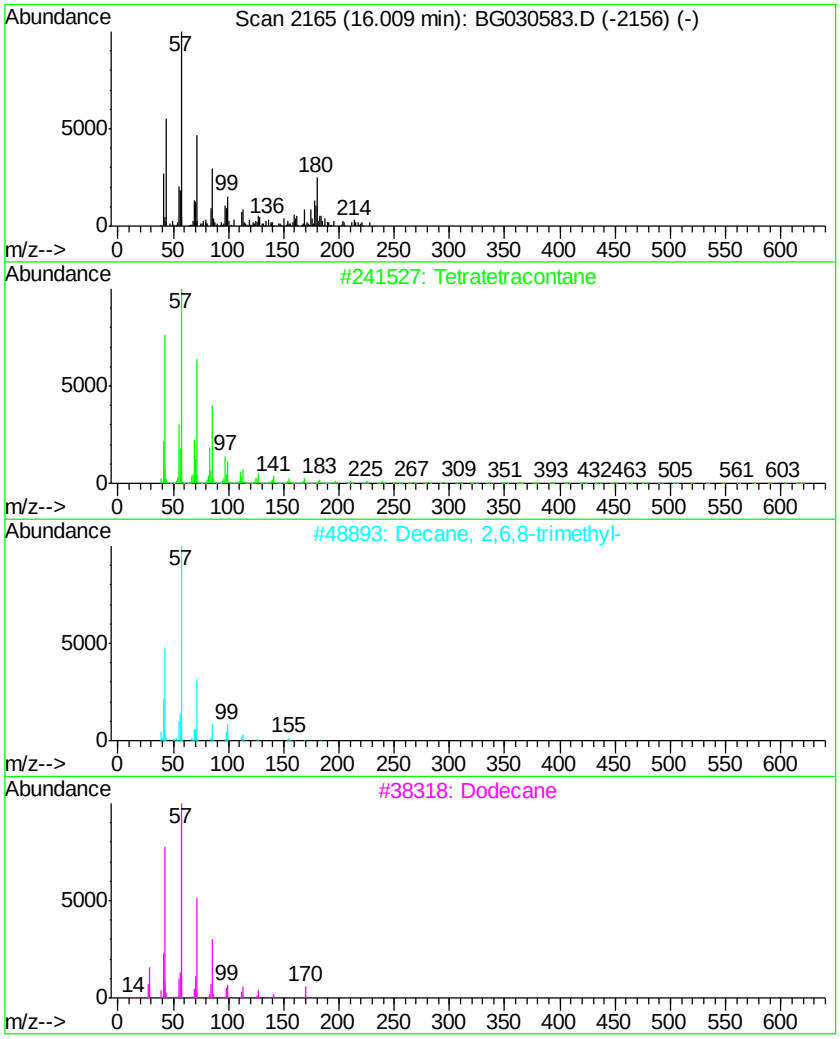
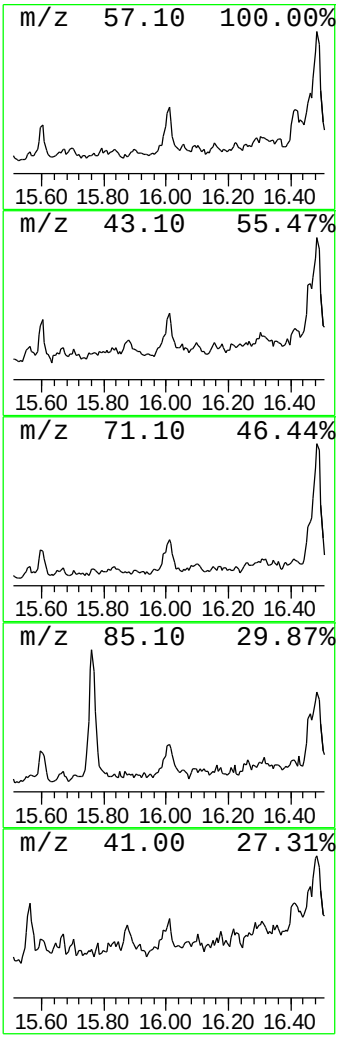
Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.01	2.49 ng/ul	185303	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	58
2	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	55
3	Dodecane	170	C12H26	000112-40-3	53
4	Hexadecane	226	C16H34	000544-76-3	52
5	Sulfurous acid, butyl dodecyl ester	306	C16H34O3S	1000309-17-9	52





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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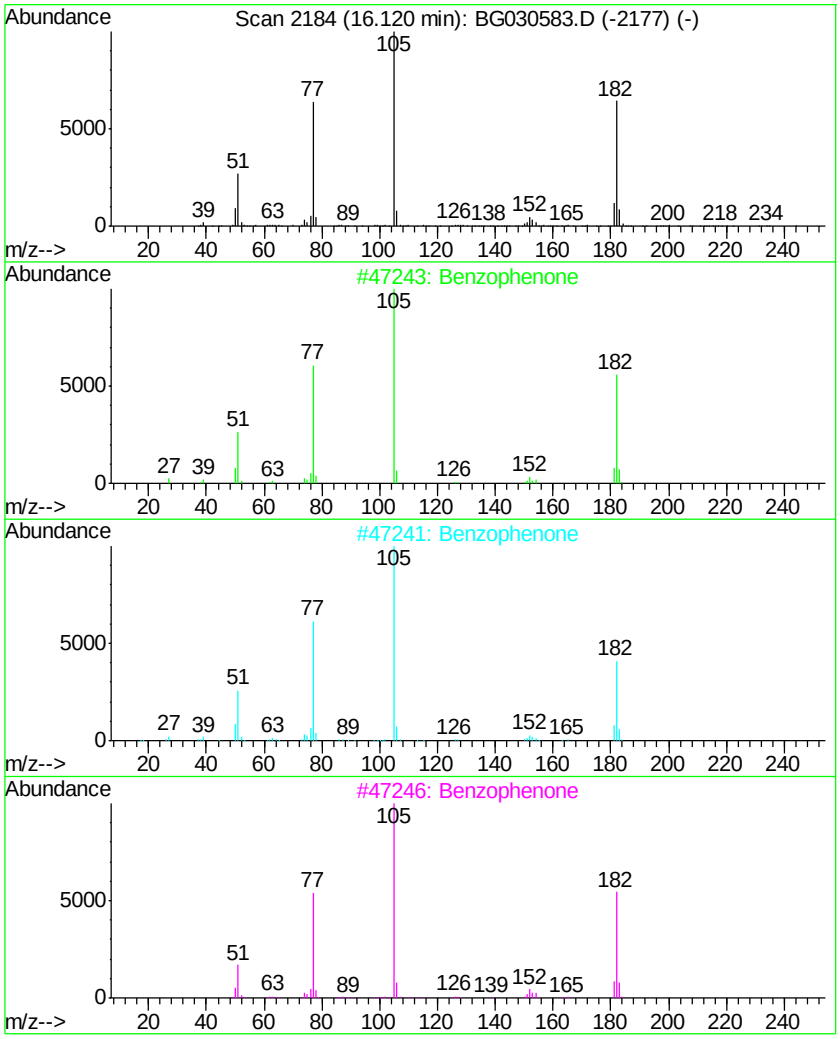
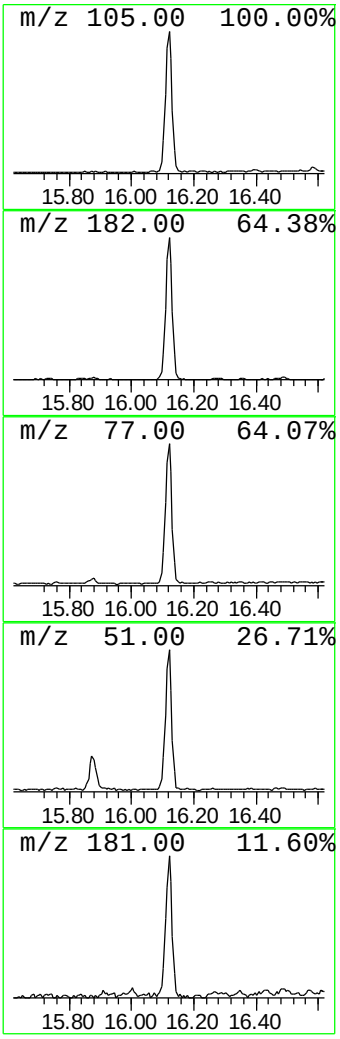
Peak Number 5 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.12	7.35 ng/ul	548005	Acenaphthene-d10	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzophenone	182	C13H10O	000119-61-9	95
3	Benzophenone	182	C13H10O	000119-61-9	94
4	Benzophenone	182	C13H10O	000119-61-9	91
5	Benzophenone	182	C13H10O	000119-61-9	91





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Data File : BG030583.D
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Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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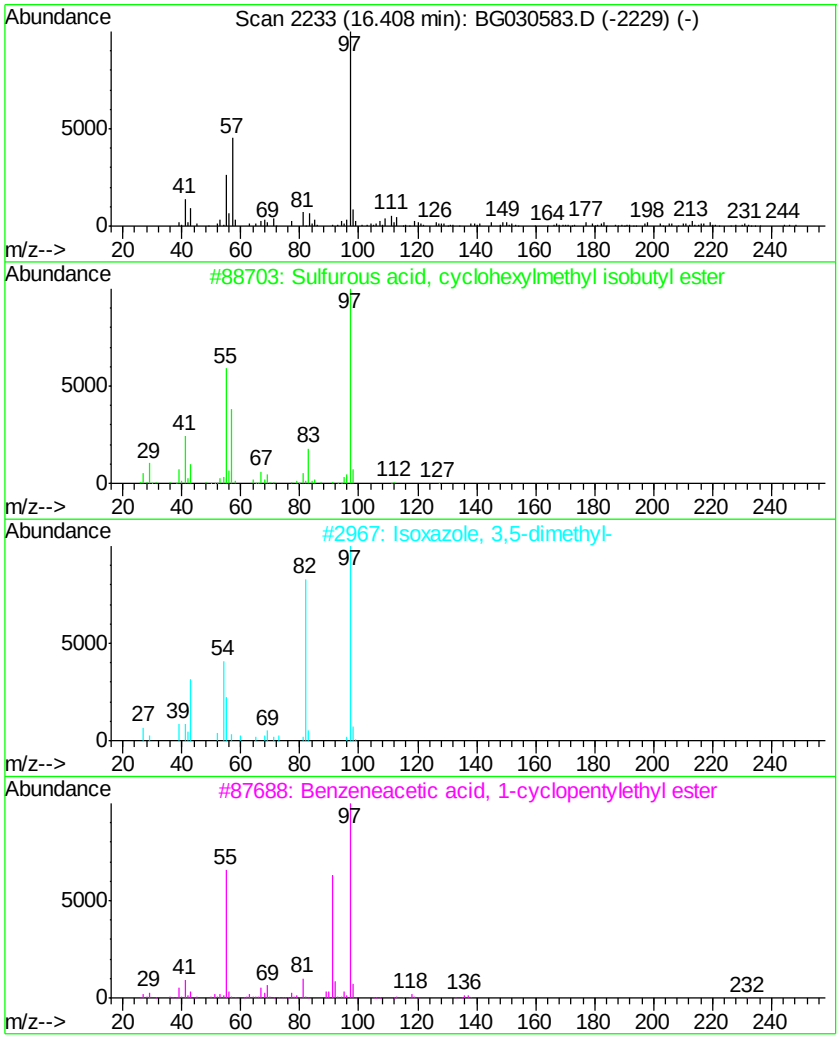
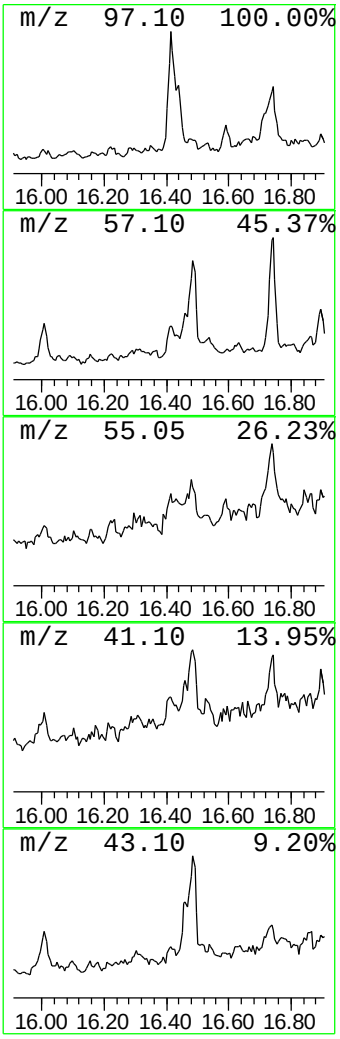
Peak Number 6 Sulfurous acid, cyclohexylm... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	2.22 ng/ul	184173	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, cyclohexylmethyl...	234	C11H22O3S	1000309-21-3	64
2	Isoxazole, 3,5-dimethyl-	97	C5H7NO	000300-87-8	64
3	Benzeneacetic acid, 1-cyclopenty...	232	C15H20O2	1000282-63-7	59
4	Propionic acid, 3-hydroxy-2-isop...	130	C6H10O3	1000153-27-1	59
5	Semustine	247	C10H18ClN3O2	013909-09-6	59





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Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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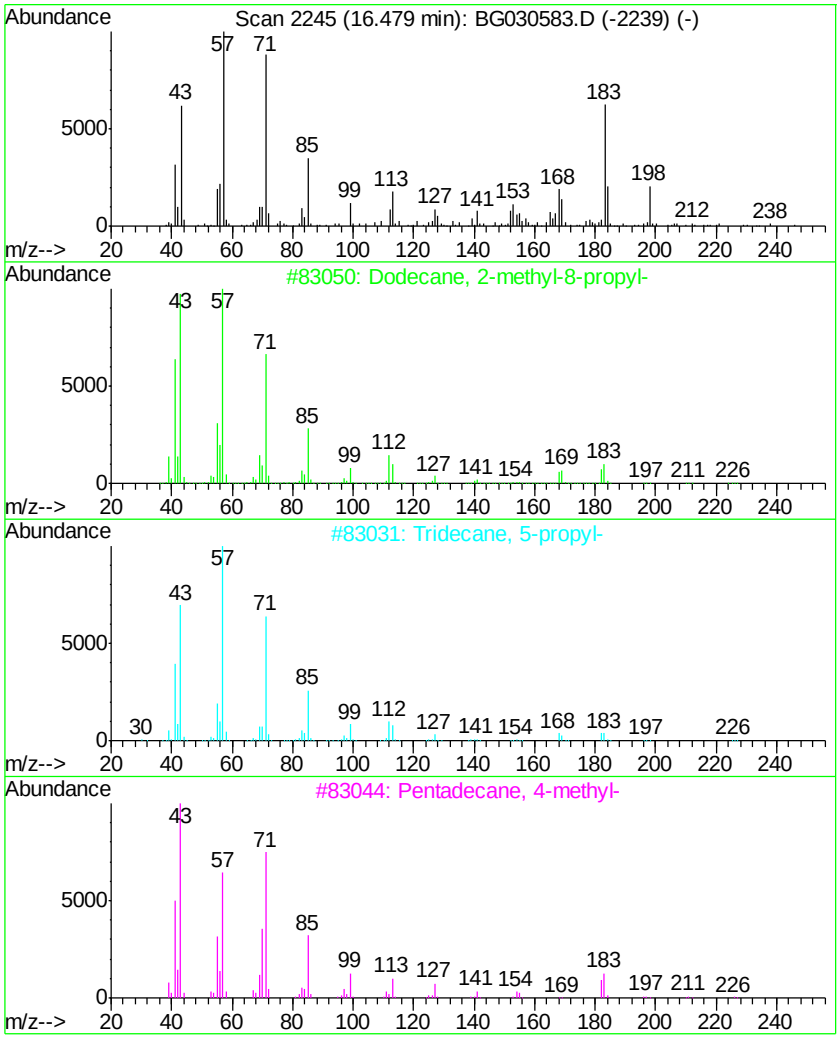
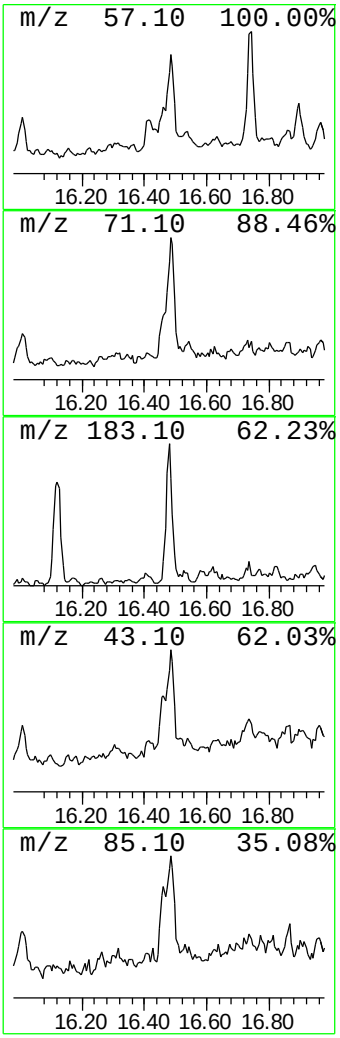
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.48	3.73 ng/ul	309850	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-8-propyl-	226	C16H34	055045-07-3	64
2	Tridecane, 5-propyl-	226	C16H34	055045-11-9	62
3	Pentadecane, 4-methyl-	226	C16H34	002801-87-8	58
4	Tetradecane, 4,11-dimethyl-	226	C16H34	055045-12-0	58
5	Tridecane	184	C13H28	000629-50-5	53





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Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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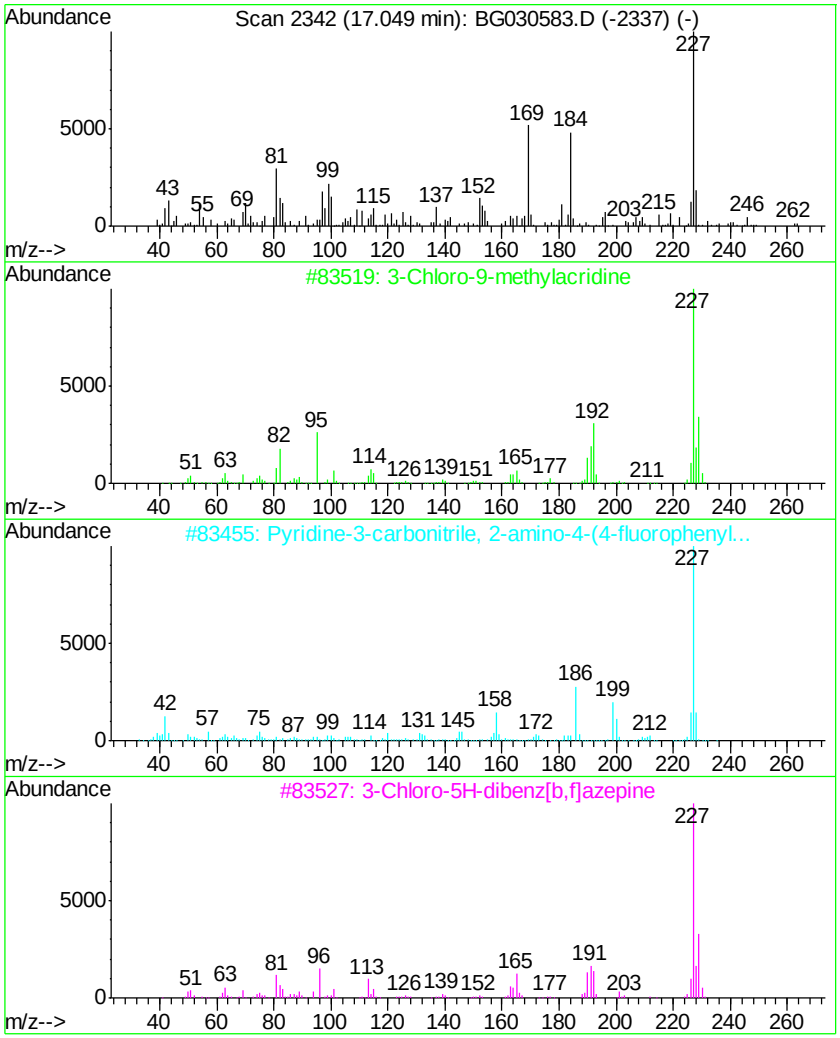
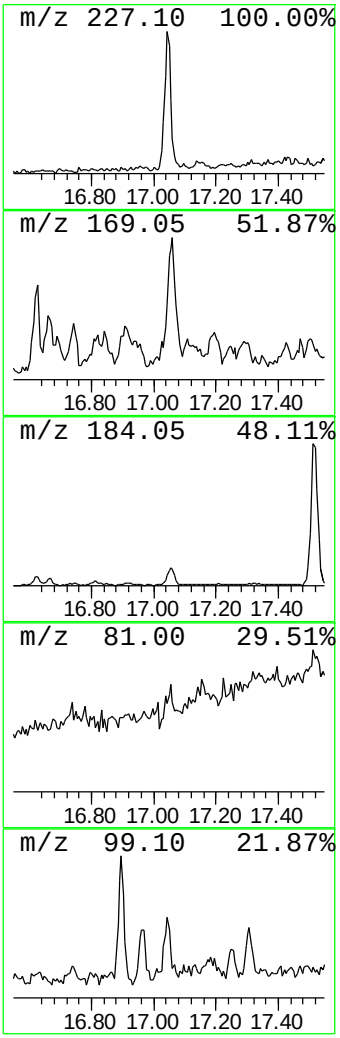
Peak Number 8 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	2.17 ng/ul	180164	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-9-methylacridine	227	C14H10ClN	035422-72-1	41
2	Pyridine-3-carbonitrile, 2-amino...	227	C13H10FN3	1000259-12-8	38
3	3-Chloro-5H-dibenz[b,f]azepine	227	C14H10ClN	039607-90-4	35
4	1-Hydroxy-7-methoxy-3-methyl-9H-...	227	C14H13NO2	107672-50-4	32
5	Indole, 2-(4-chlorophenyl)-	227	C14H10ClN	001211-35-4	27





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Operator : SJ/JU
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

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

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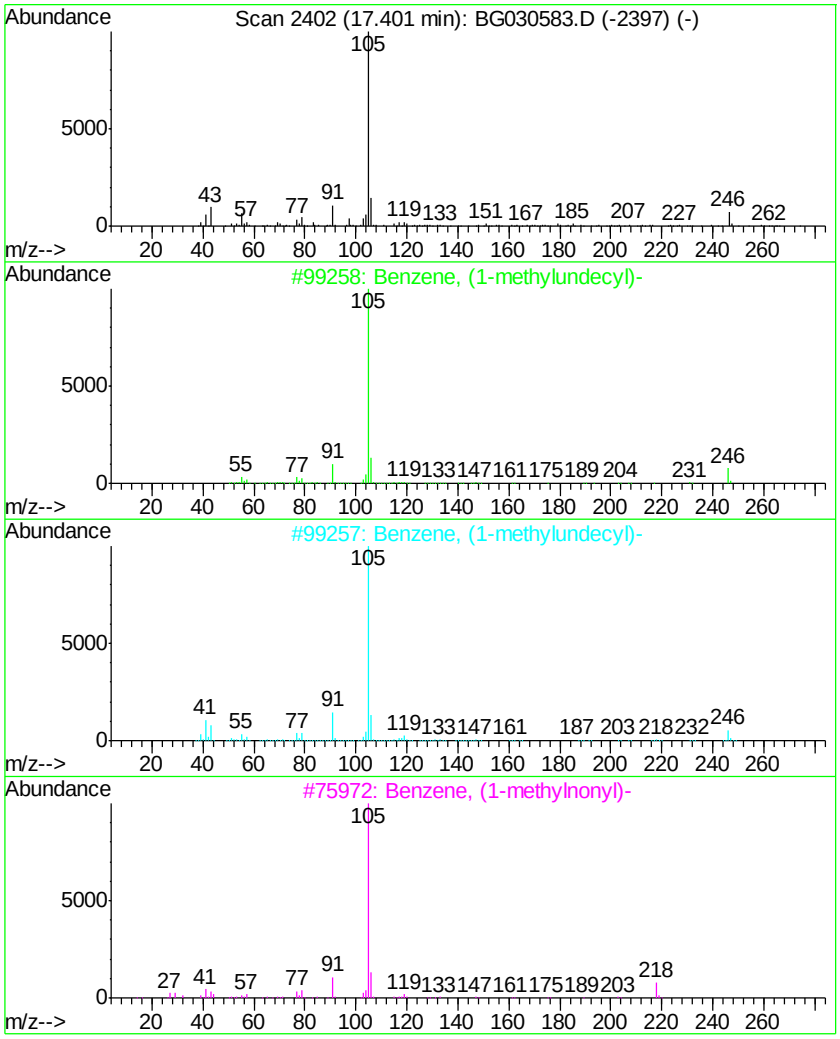
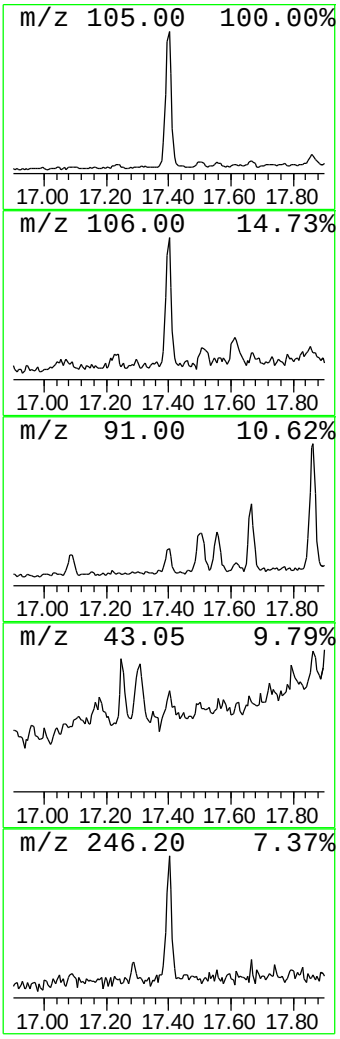
Peak Number 9 Benzene, (1-methylundecyl)- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.40	2.72 ng/ul	225776	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	81
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	70
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59
4	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	59
5	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	59





Library Search Compound Report

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Operator : SJ/JU
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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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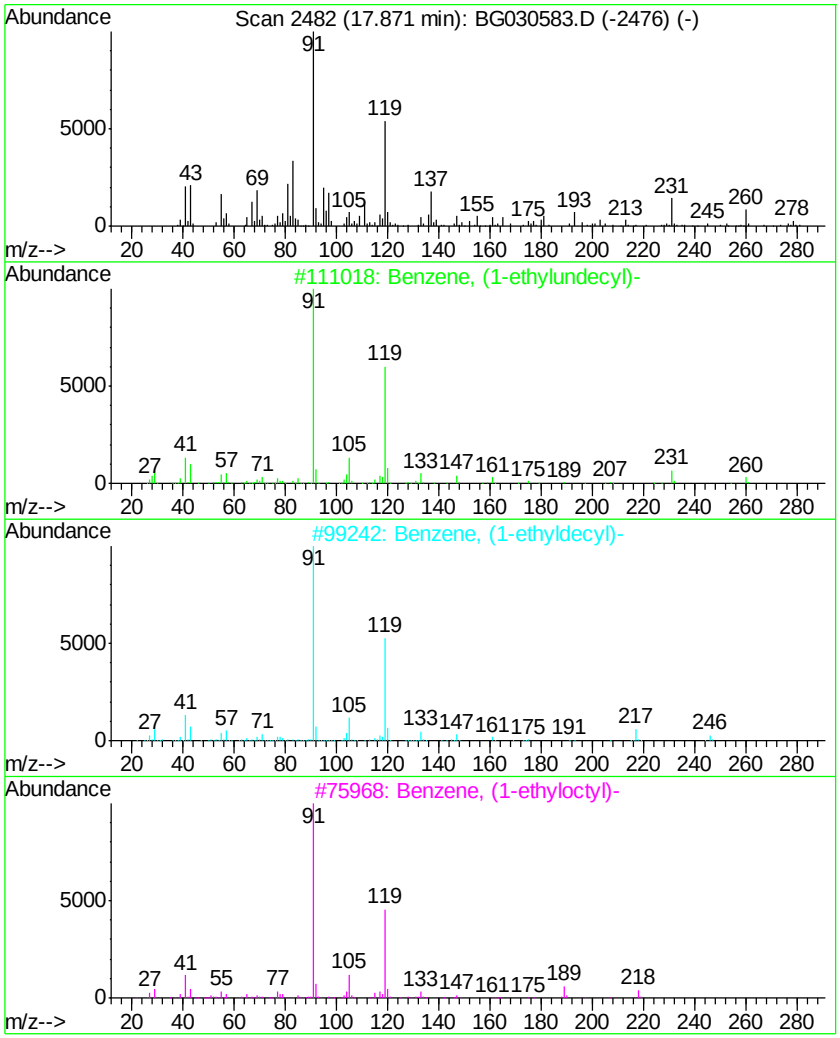
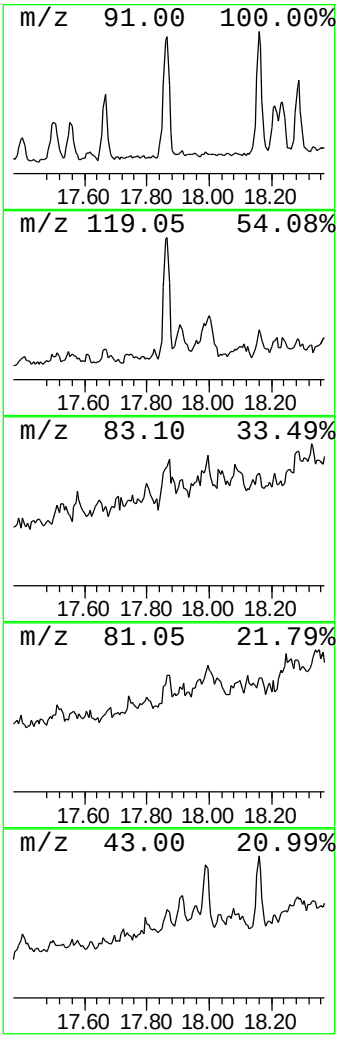
Peak Number 10 Benzene, (1-ethylundecyl)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.87	3.37 ng/ul	279697	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	76
2	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	47
3	Benzene, (1-ethyloctyl)-	218	C16H26	004621-36-7	43
4	Phthalic acid, 3,5-dimethylpheny...	388	C25H24O4	1000315-58-9	43
5	Benzene, (1-ethylpropyl)-	148	C11H16	001196-58-3	43





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Misc :
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Instrument : BNA_G
ClientSampleId : C0AB3

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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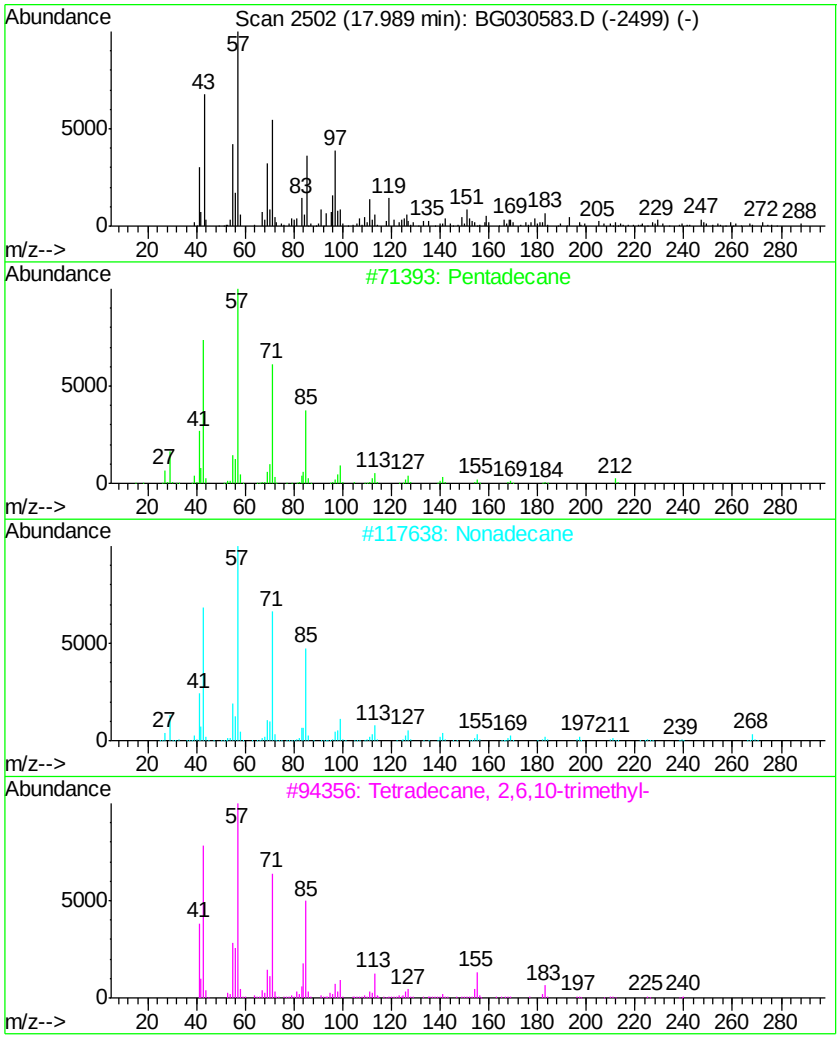
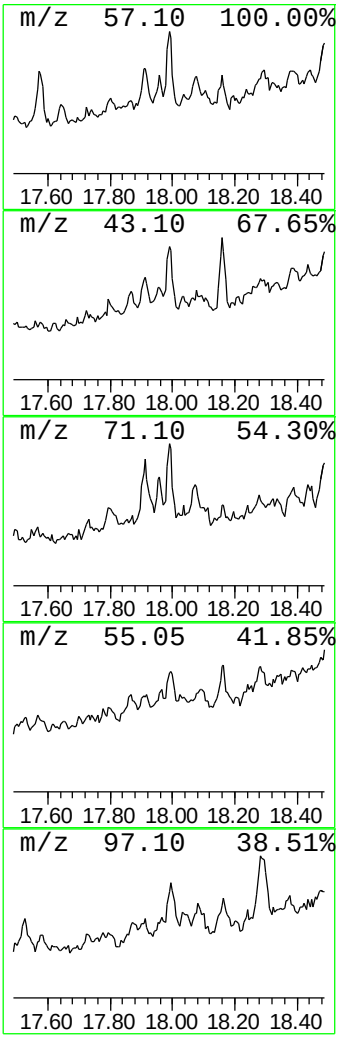
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	2.54 ng/ul	210595	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	70
2	Nonadecane	268	C19H40	000629-92-5	38
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	38
4	Pentadecane	212	C15H32	000629-62-9	30
5	(1R,2S)-2-Acetyl-1-methylcyclobu...	170	C9H14O3	068225-41-2	30





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Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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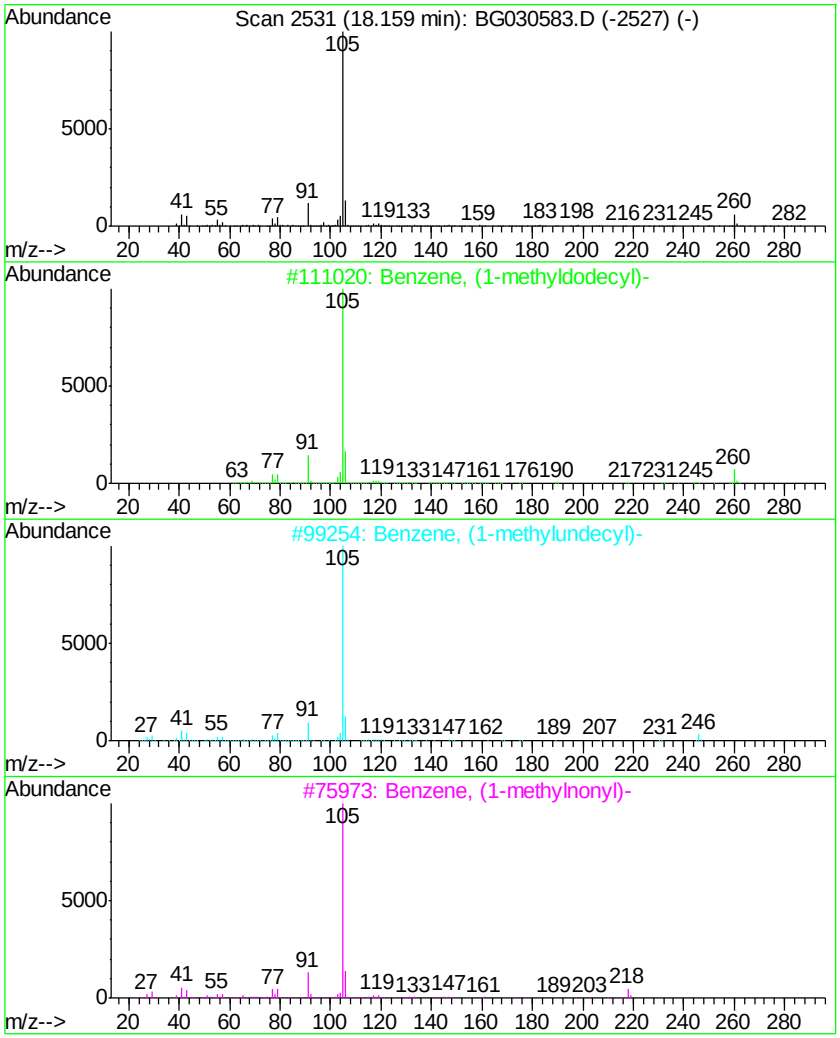
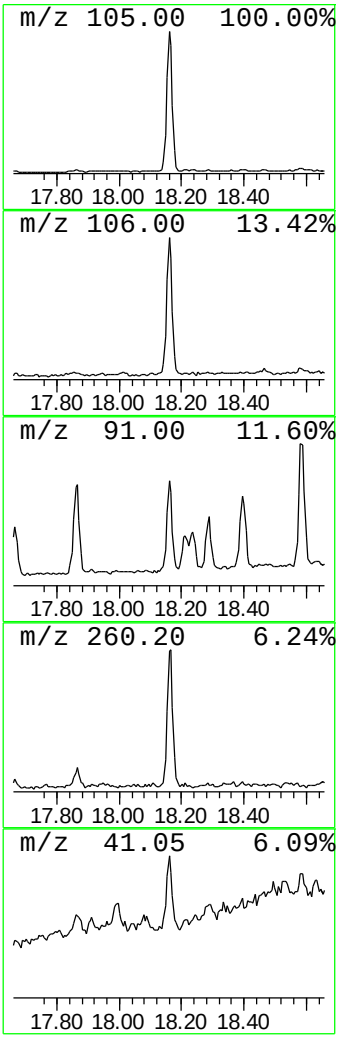
Peak Number 12 Benzene, (1-methyldodecyl)- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	10.50 ng/ul	871368	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyldodecyl)-	260	C19H32	004534-53-6	90
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	72
3	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	64
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
5	Benzene, (1-methylheptyl)-	190	C14H22	000777-22-0	64





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Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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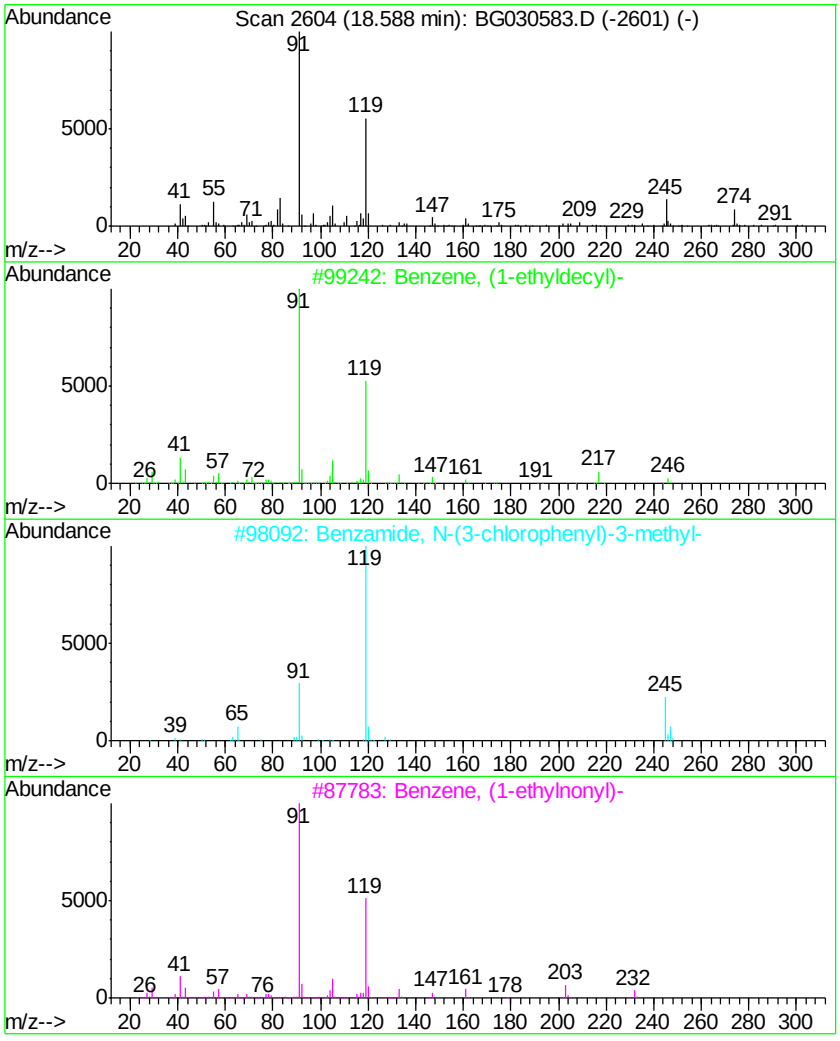
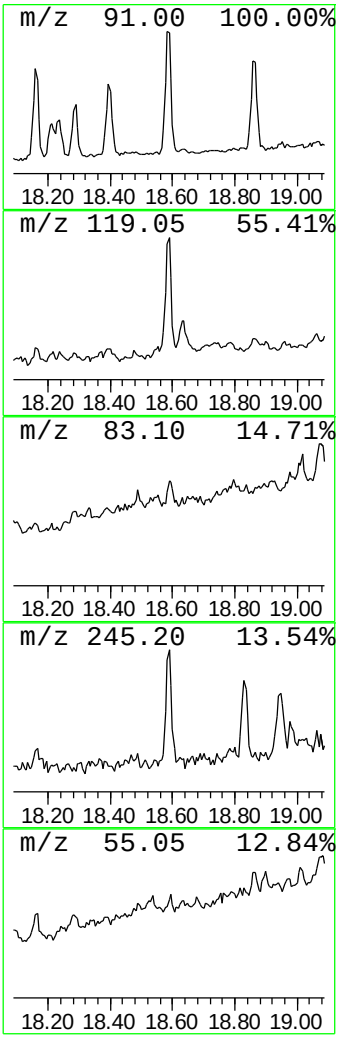
Peak Number 13 Benzene, (1-ethyldecyl)- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	2.21 ng/ul	183233	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyldecyl)-	246	C18H30	002400-00-2	70
2	Benzamide, N-(3-chlorophenyl)-3-...	245	C14H12ClNO	1000307-11-4	59
3	Benzene, (1-ethylnonyl)-	232	C17H28	004536-87-2	53
4	Benzene, (1-ethylundecyl)-	260	C19H32	004534-52-5	53
5	2-Phenylbutyryl chloride	182	C10H11ClO	036854-57-6	50





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

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

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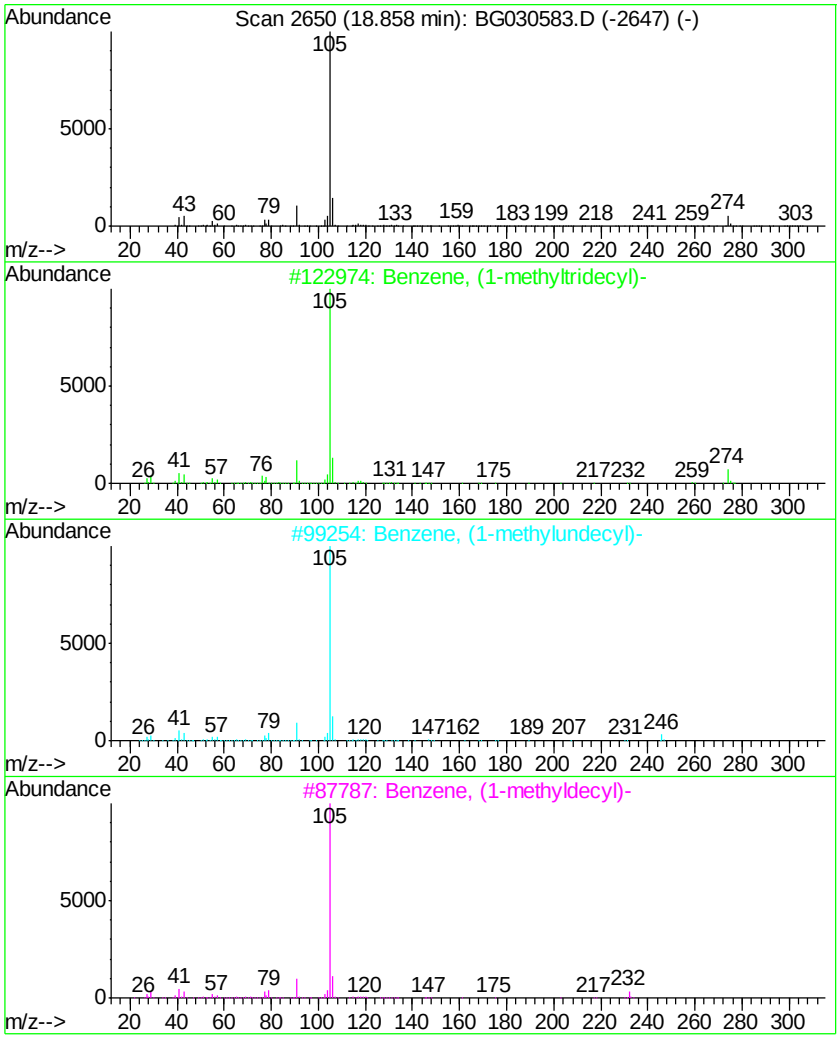
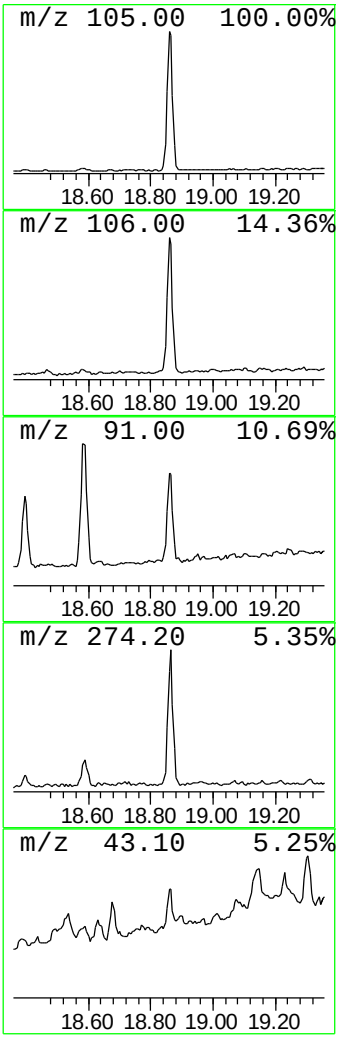
Peak Number 14 Benzene, (1-methyltridecyl)- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.86	10.06 ng/ul	835241	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyltridecyl)-	274	C20H34	004534-59-2	90
2	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	64
3	Benzene, (1-methyldecyl)-	232	C17H28	004536-88-3	64
4	Benzene, (1-methylundecyl)-	246	C18H30	002719-61-1	59
5	Benzene, (1-methylnonyl)-	218	C16H26	004537-13-7	59





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

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

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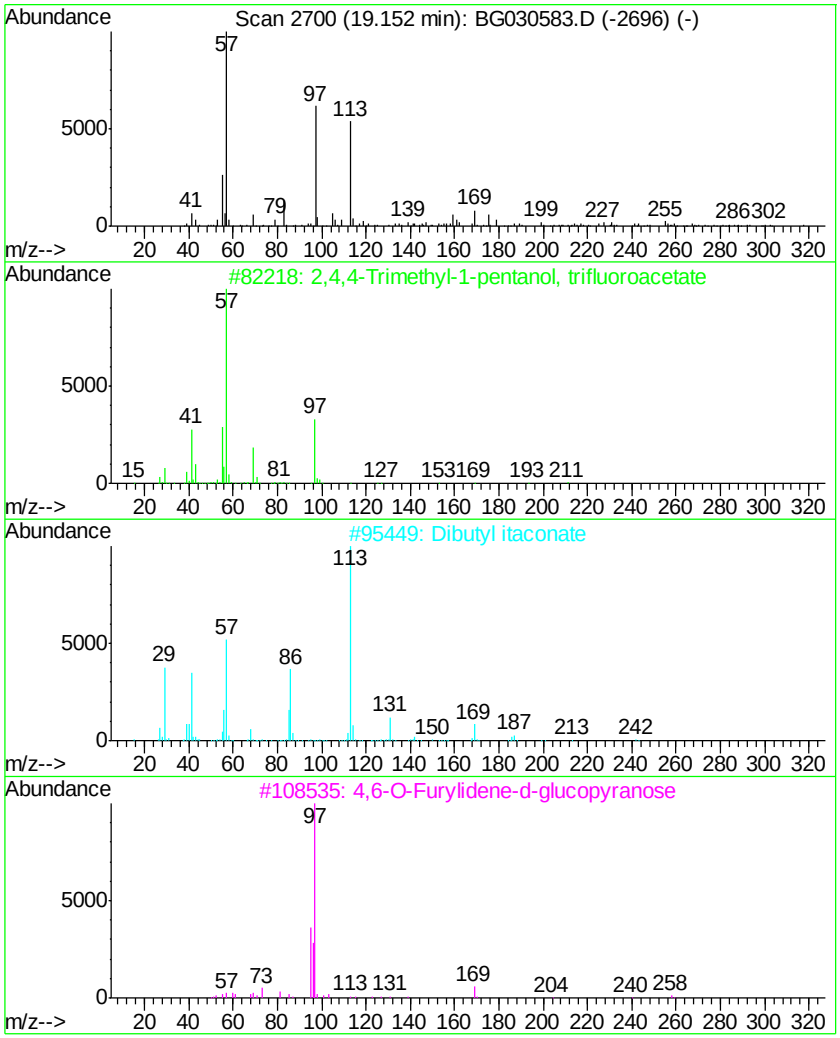
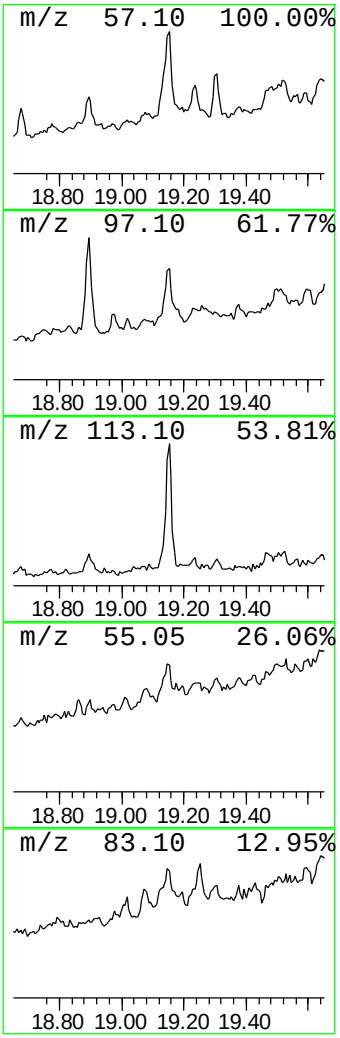
Peak Number 15 unknown-03 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.15	2.97 ng/ul	246590	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	35
2	Dibutyl itaconate	242	C13H22O4	002155-60-4	30
3	4,6-O-Furylidene-d-glucopyranose	258	C11H14O7	1000312-11-0	27
4	l-Alanine, N-(2-thienylacetyl)-,...	255	C12H17NO3S	1000314-05-6	22
5	2,2,3,3-Tetramethylcyclopropanec...	296	C19H36O2	1000221-97-7	22





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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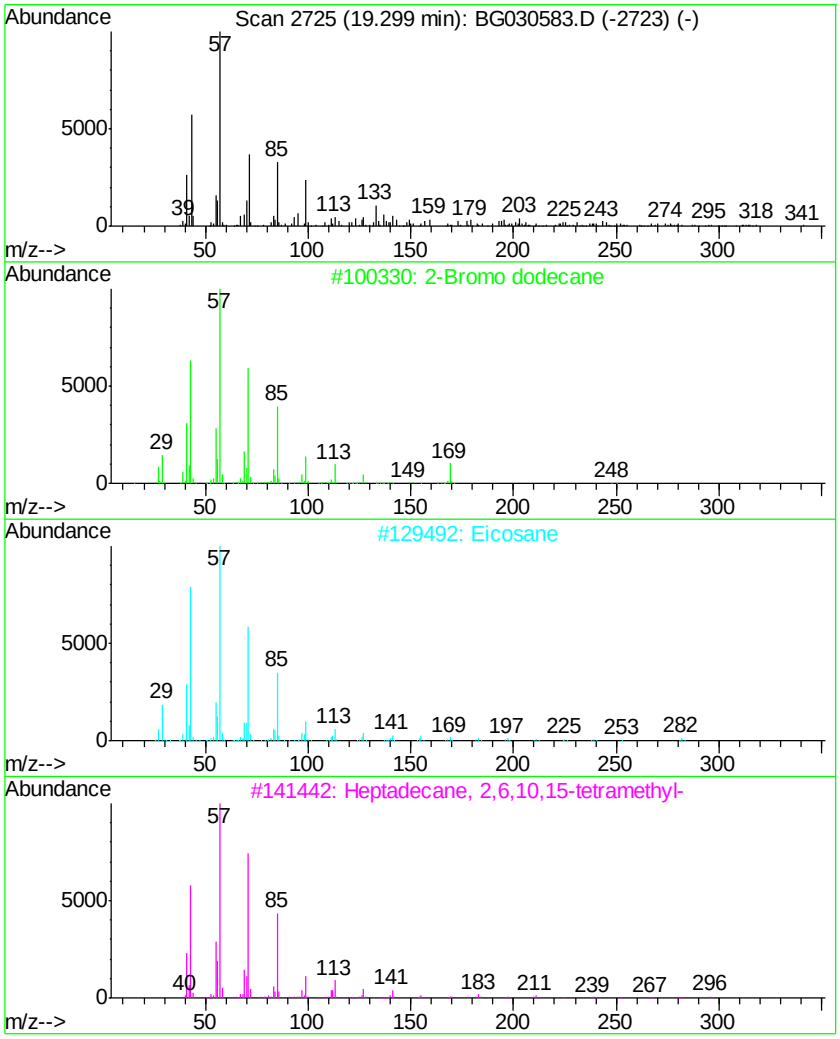
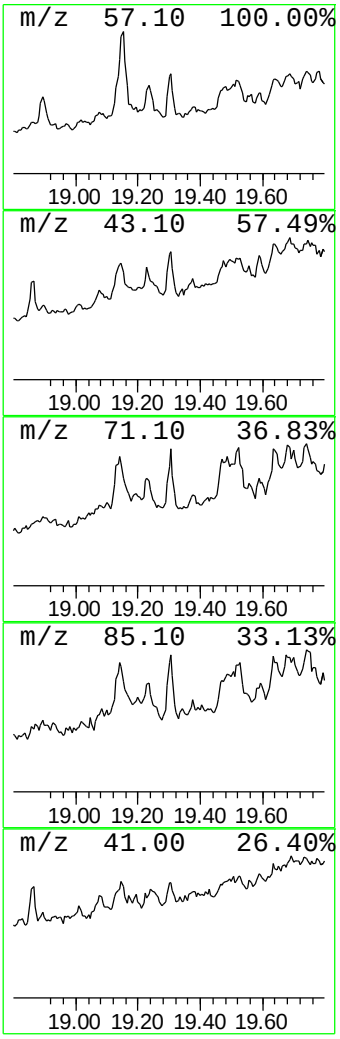
Peak Number 16 2-Bromo dodecane Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	2.44 ng/ul	202183	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Bromo dodecane	248	C12H25Br	013187-99-0	92
2	Eicosane	282	C20H42	000112-95-8	70
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	70
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	64
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	62





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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Quant Title : SVOA CALIBRATION

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

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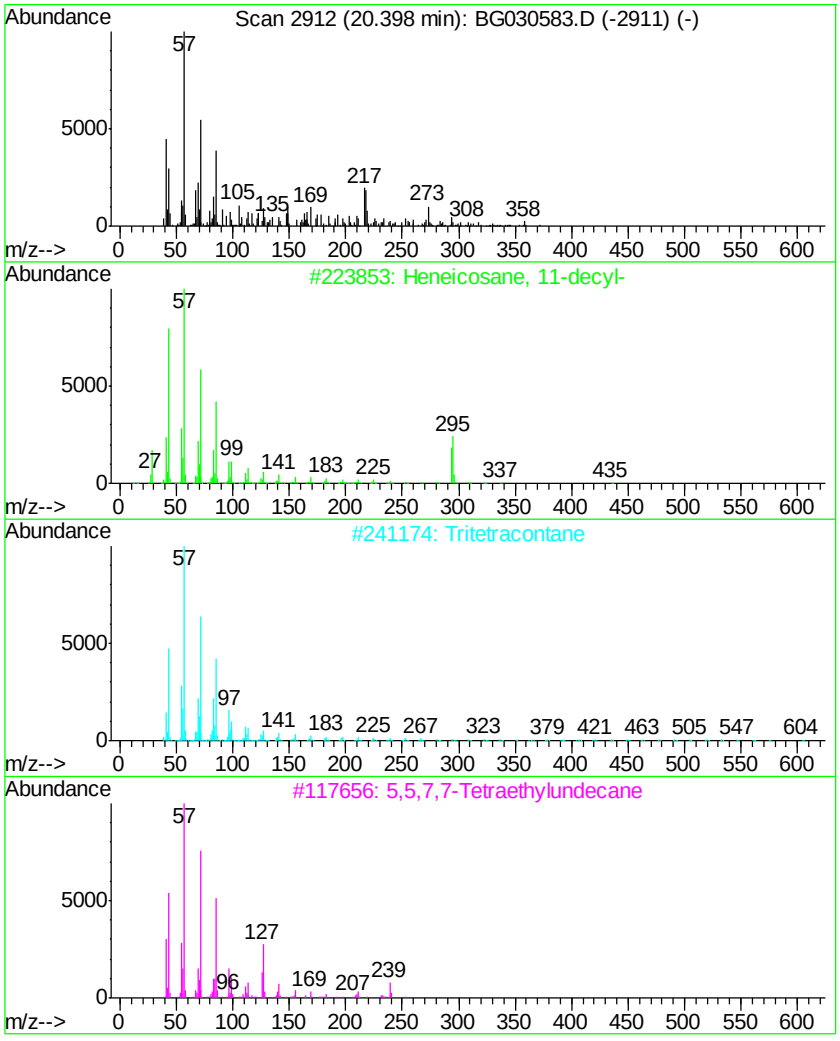
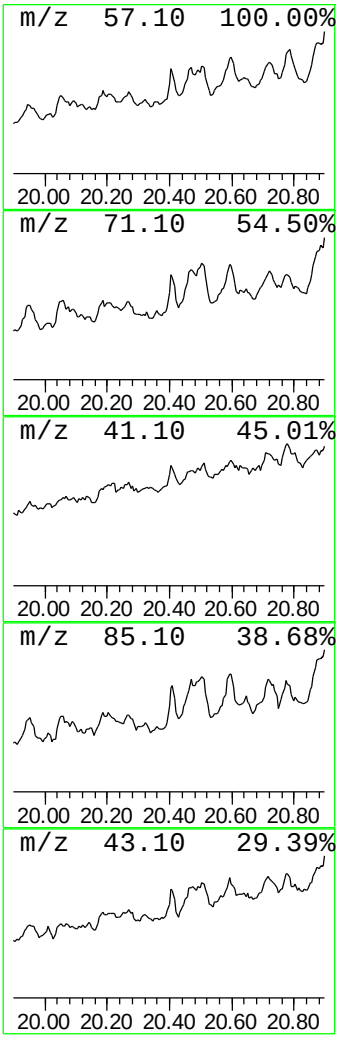
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.40	7.86 ng/ul	452116	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	74
2	Tritetracontane	605	C43H88	007098-21-7	72
3	5,5,7,7-Tetraethylundecane	268	C19H40	1000360-42-0	72
4	Dodecane	170	C12H26	000112-40-3	70
5	Octacosane	394	C28H58	000630-02-4	68





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Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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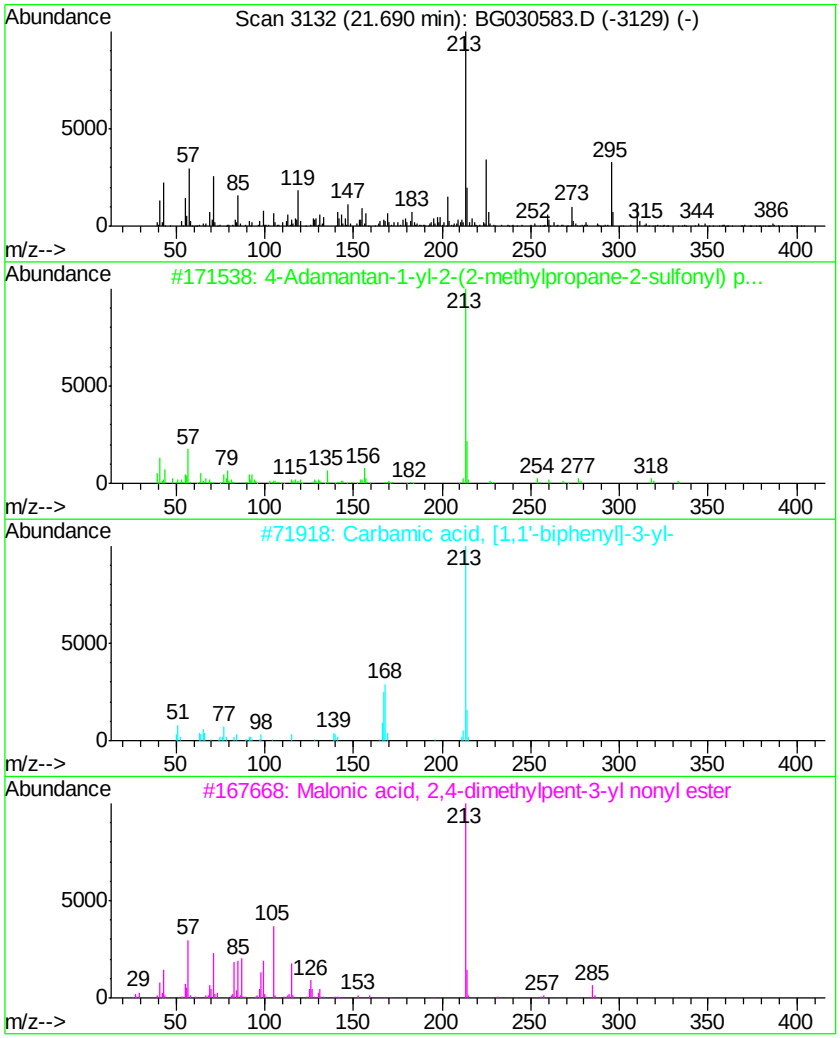
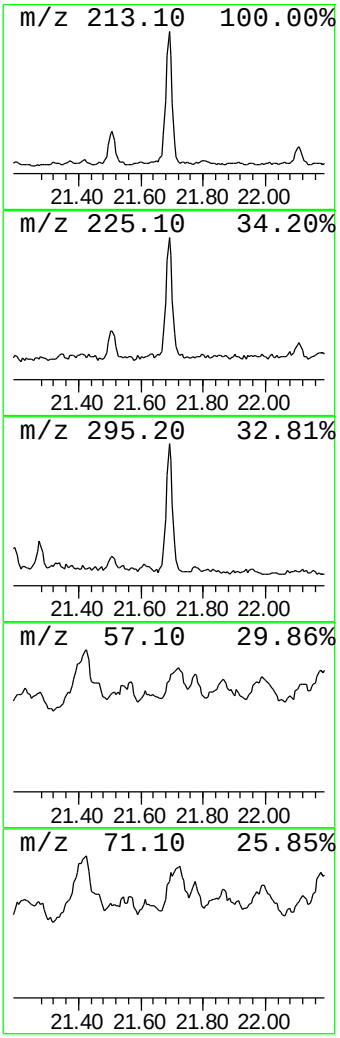
Peak Number 18 unknown-04 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.69	20.00 ng/ul	1150480	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Adamantan-1-yl-2-(2-methylprop...	333	C19H27NO2S	1000311-66-6	38
2	Carbamic acid, [1,1'-biphenyl]-3...	213	C13H11NO2	055030-29-0	38
3	Malonic acid, 2,4-dimethylpent-3...	328	C19H36O4	1000349-01-5	38
4	1,4-Naphthalenedione, 2-(1-buten...	228	C14H12O3	029366-43-6	38
5	Sebacic acid, 2,2-dichloroethyl ...	326	C14H24Cl2O4	1000355-46-5	35





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030583.D
Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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

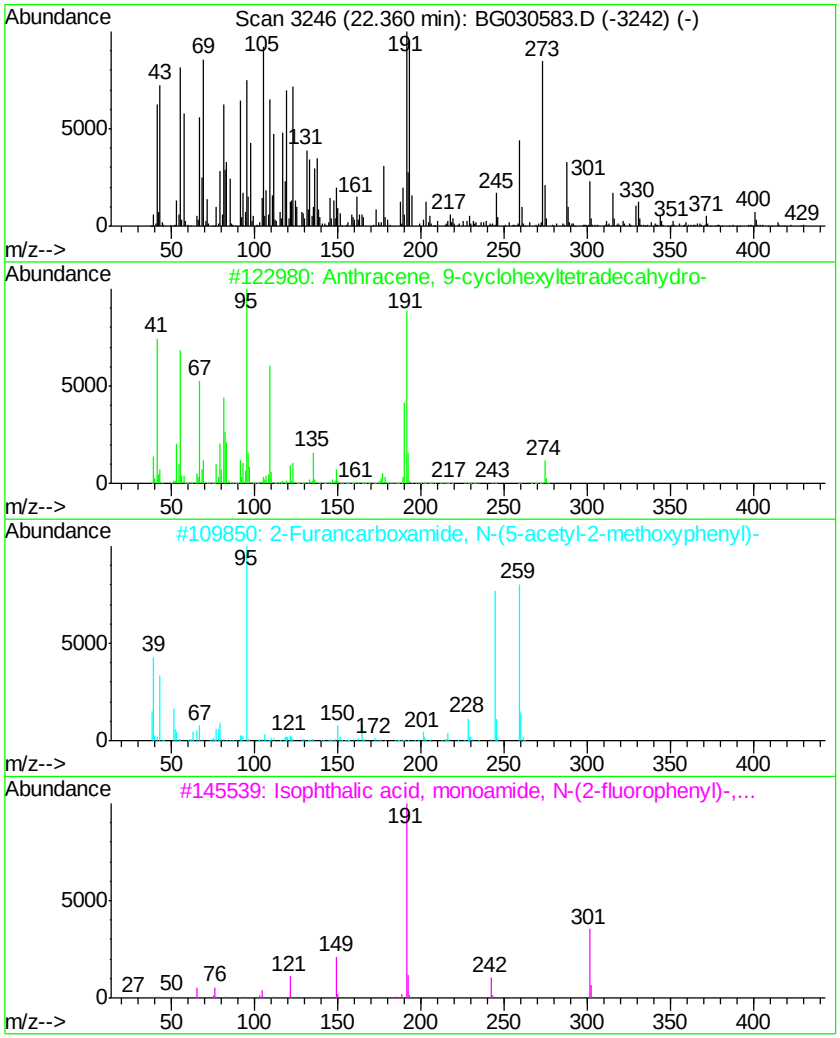
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

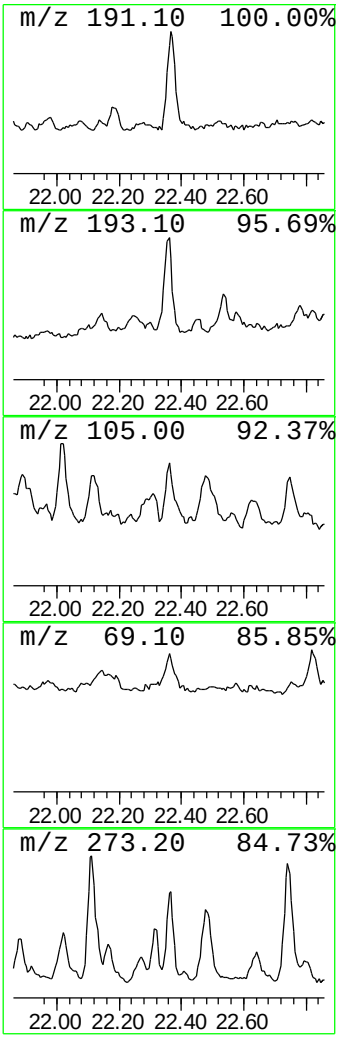
****

Peak Number 19 unknown-05 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.36	58.72 ng/ul	3377790	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	42
2	2-Furancarboxamide, N-(5-acetyl-...	259	C14H13NO4	1000362-83-5	25
3	Isophthalic acid, monoamide, N-(...	301	C17H16FNO3	1000345-77-5	15
4	2-Phenylindolizine	193	C14H11N	025379-20-8	15
5	2-Propenoic acid, 3-(4-nitrophen...	193	C9H7NO4	000882-06-4	15





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Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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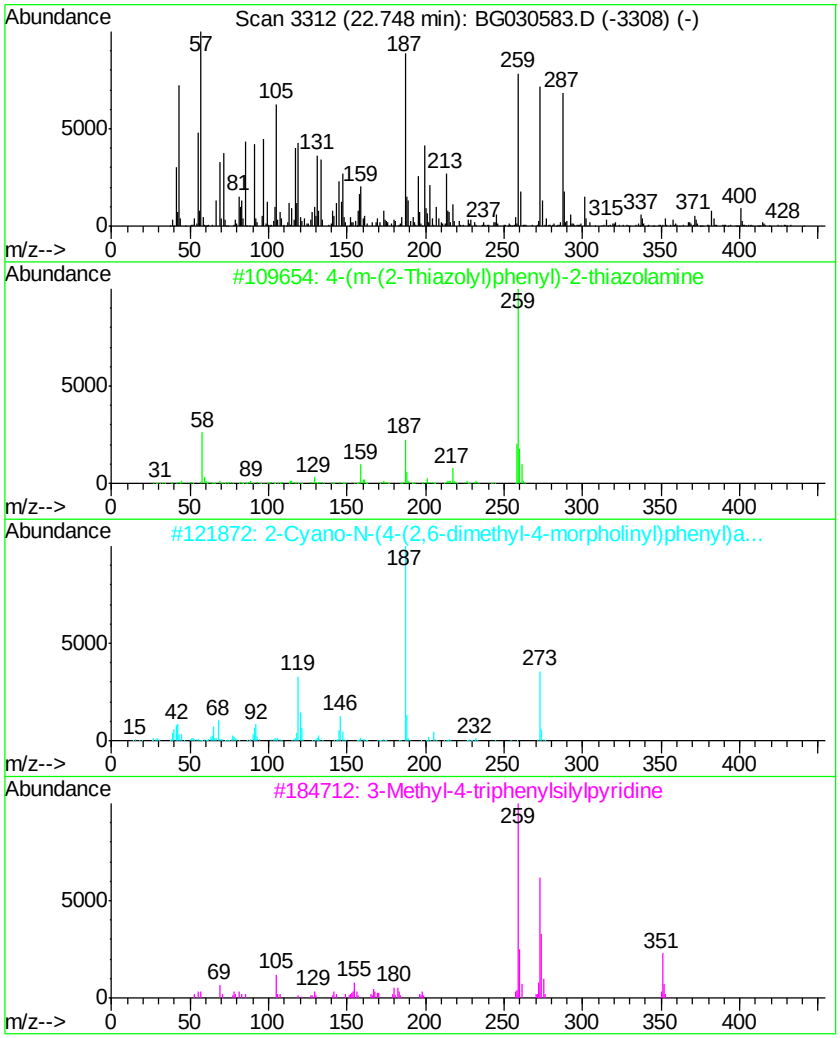
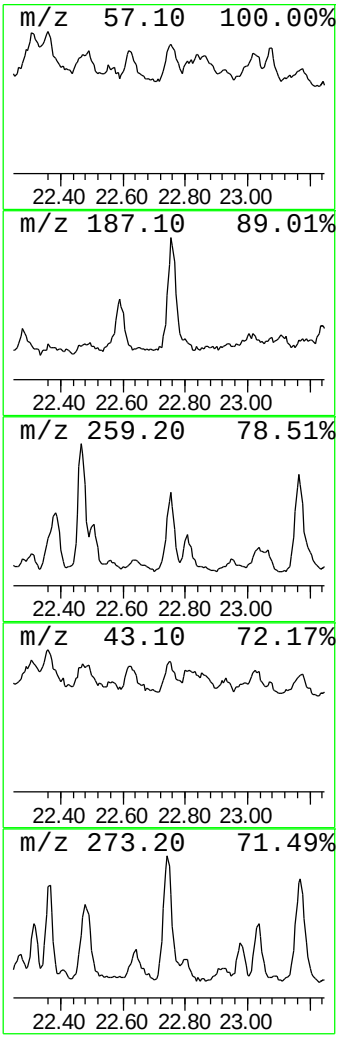
Peak Number 20 unknown-06 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.75	41.77 ng/ul	2402740	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(m-(2-Thiazolyl)phenyl)-2-thia...	259	C12H9N3S2	007534-34-1	30
2	2-Cyano-N-(4-(2,6-dimethyl-4-mor...	273	C15H19N3O2	1000332-12-1	18
3	3-Methyl-4-triphenylsilylpyridine	351	C24H21NSi	037965-24-5	18
4	2,4-Dimethyl-3,5-diphenylpyridine	259	C19H17N	1000370-39-7	15
5	(3-Cyanopropyl)cymantrene	271	C12H10MnNO3	064848-76-6	15





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Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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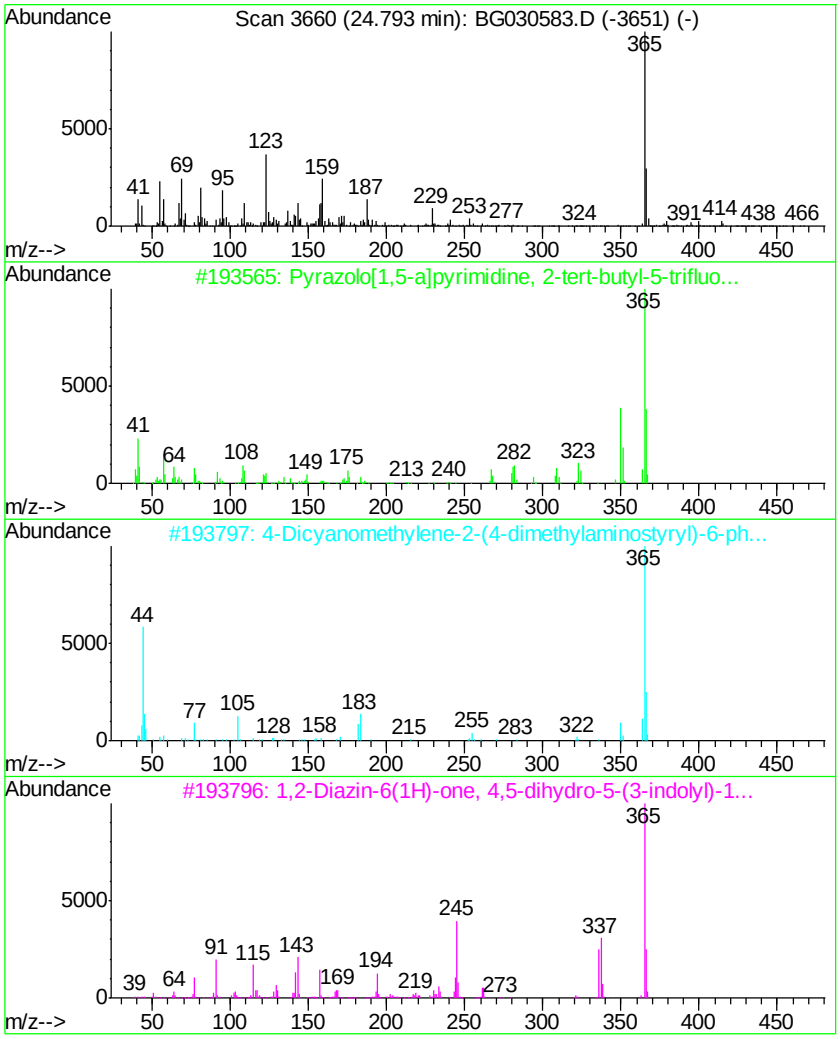
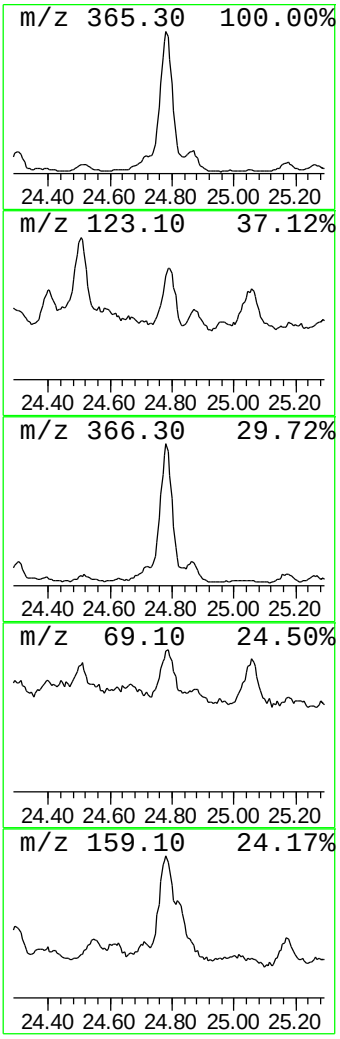
Peak Number 21 unknown-07 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.79	18.84 ng/ul	4371690	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrazolo[1,5-a]pyrimidine, 2-ter...	365	C18H18F3N3O2	1000268-76-7	43
2	4-Dicyanomethylene-2-(4-dimethyl...	365	C24H19N3O	070503-39-8	43
3	1,2-Diazin-6(1H)-one, 4,5-dihydr...	365	C24H19N3O	1000296-32-5	38
4	Isonipecotic acid, N-methacryloy...	365	C22H39NO3	1000360-96-3	9
5	Atheroline, O-ethyl-	365	C21H19NO5	011036-98-9	9





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Data File : BG030583.D
Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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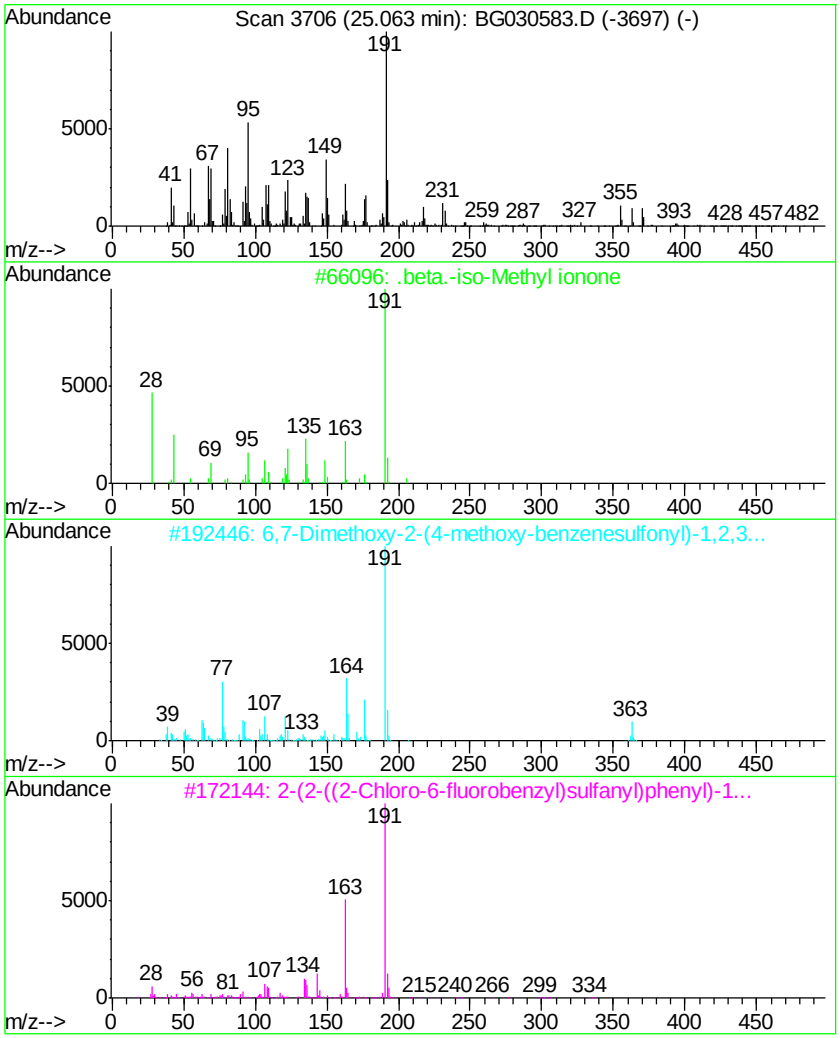
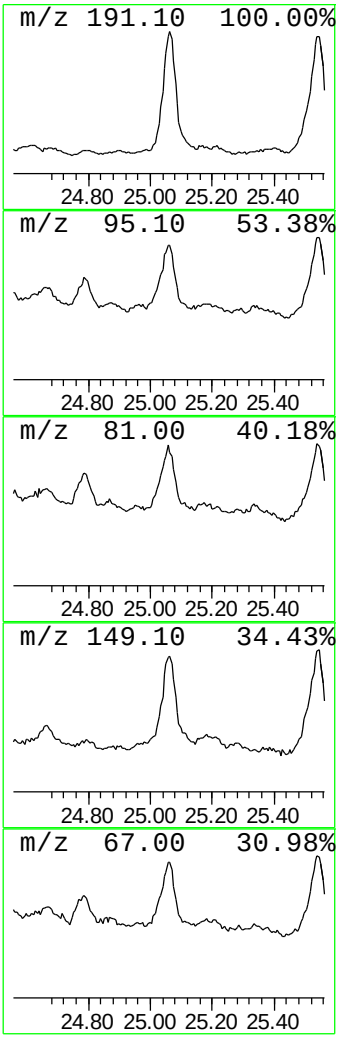
Peak Number 22 unknown-08 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.06	20.00 ng/ul	4641310	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	43
2	6,7-Dimethoxy-2-(4-methoxy-benze...	363	C18H21NO5S	1000301-14-6	35
3	2-(2-((2-Chloro-6-fluorobenzyl)s...	334	C17H16ClFN2S	1000298-18-2	35
4	Pyrido[3,4-d]pyridazin-1(2H)-one...	191	C8H9N5O	1000263-69-7	30
5	Anthracene, 9-(3-butenyl)-	232	C18H16	097451-55-3	27





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Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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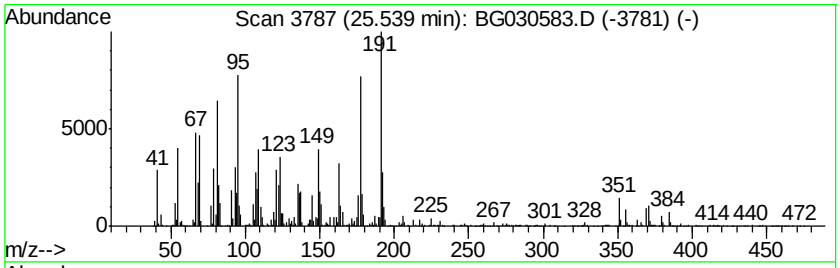
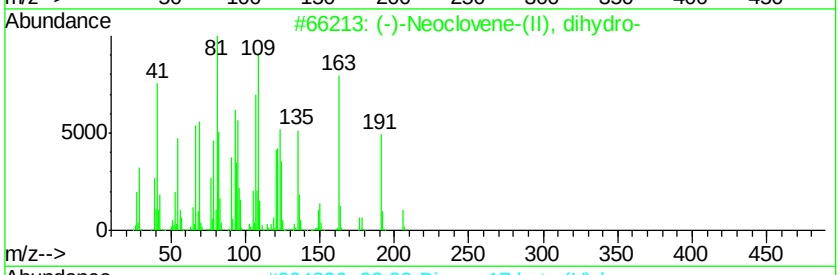
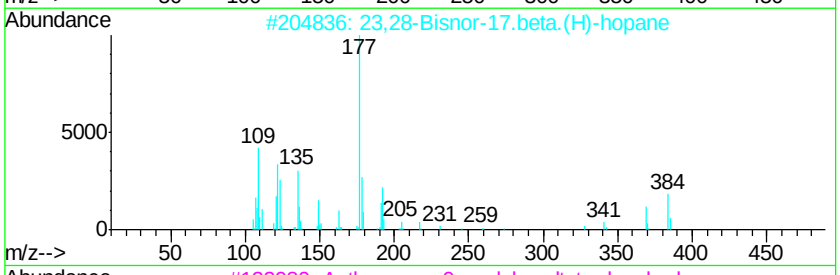
Peak Number 23 unknown-09 Concentration Rank 6

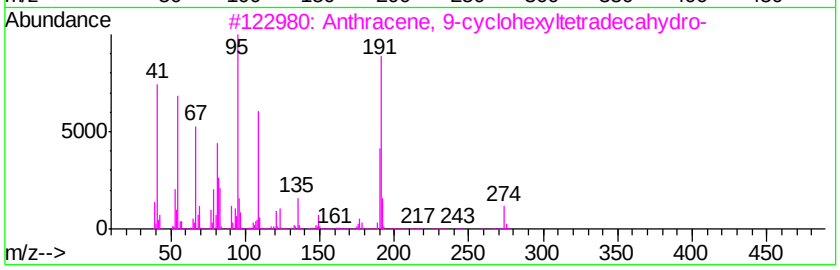
R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	26.50 ng/ul	6150640	Perylene-d12	25.17

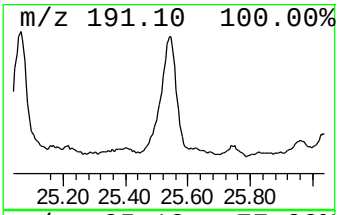
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(-)-Neoclovene-(II), dihydro-	206	C15H26	1000152-83-6	46
2	23,28-Bisnor-17.beta.(H)-hopane	384	C28H48	1000101-35-0	46
3	Anthracene, 9-cyclohexyltetradec...	274	C20H34	055255-70-4	35
4	1,4-Benzenediamine, N,N'-bis(1-m...	192	C12H20N2	004251-01-8	35
5	17.alfa.,21.beta.-28,30-Bisnorho...	384	C28H48	1000360-26-1	25

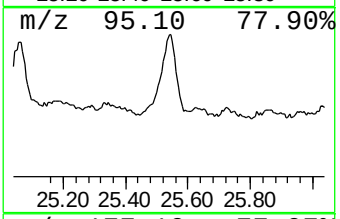


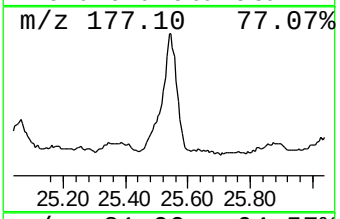


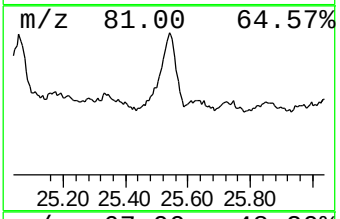


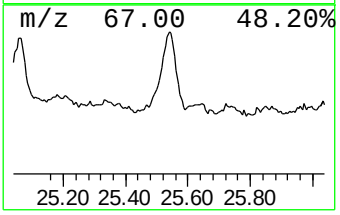












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Data File : BG030583.D
Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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

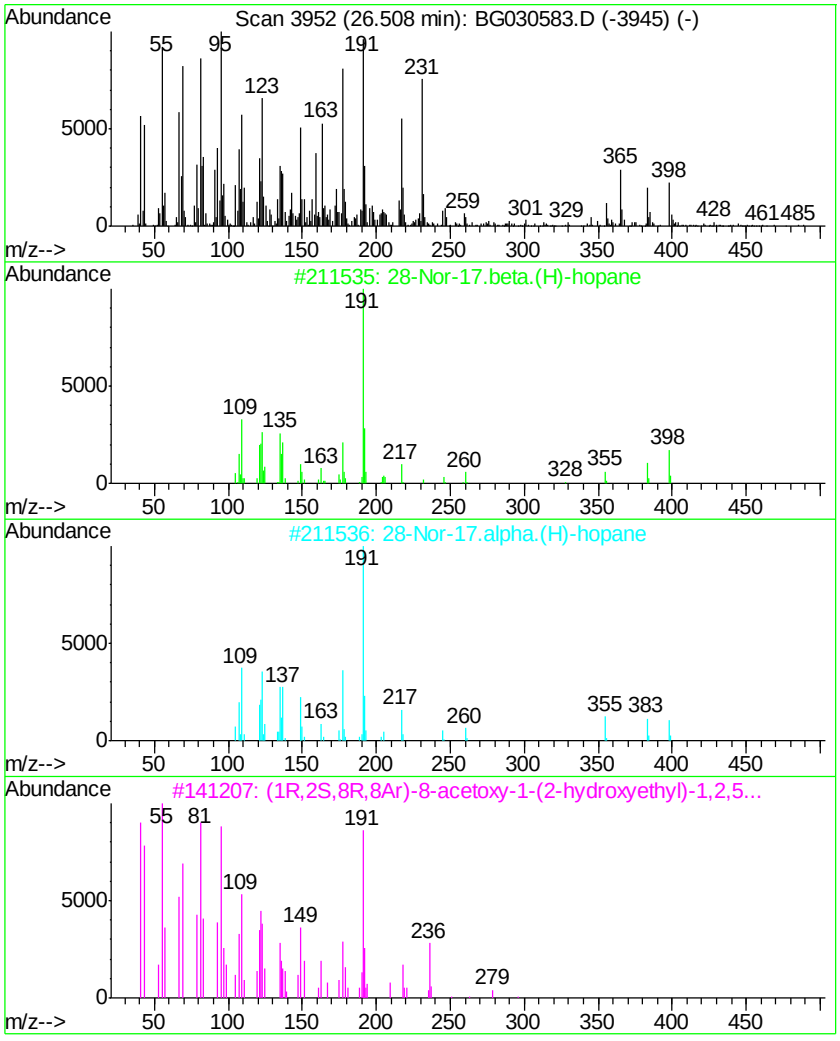
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

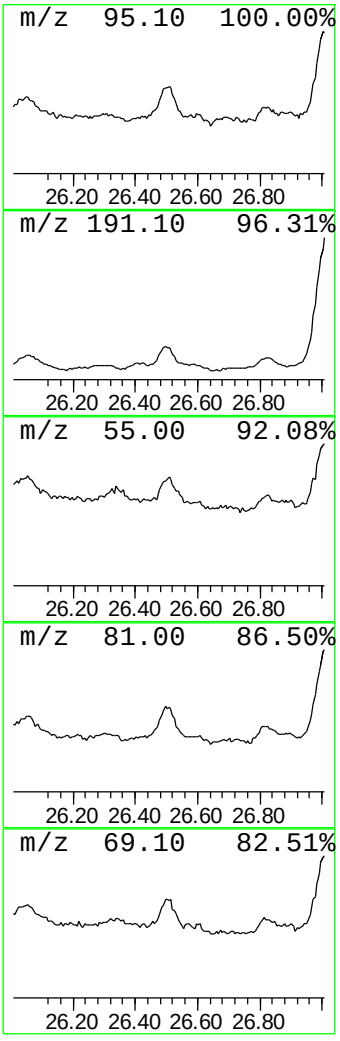
****

Peak Number 24 28-Nor-17.beta.(H)-hopane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.51	27.55 ng/ul	6392520	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	56
2	28-Nor-17.alpha.(H)-hopane	398	C29H50	053584-60-4	38
3	(1R,2S,8R,8Ar)-8-acetoxy-1-(2-hy...	296	C18H32O3	1000298-98-4	27
4	4H-Cyclopenta[4,5]thieno[2,3-d]p...	231	C11H9N3OS	1000338-12-7	25
5	2-Butanone, 4-(2,6,6-trimethyl-2...	192	C13H20O	056052-61-0	15





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ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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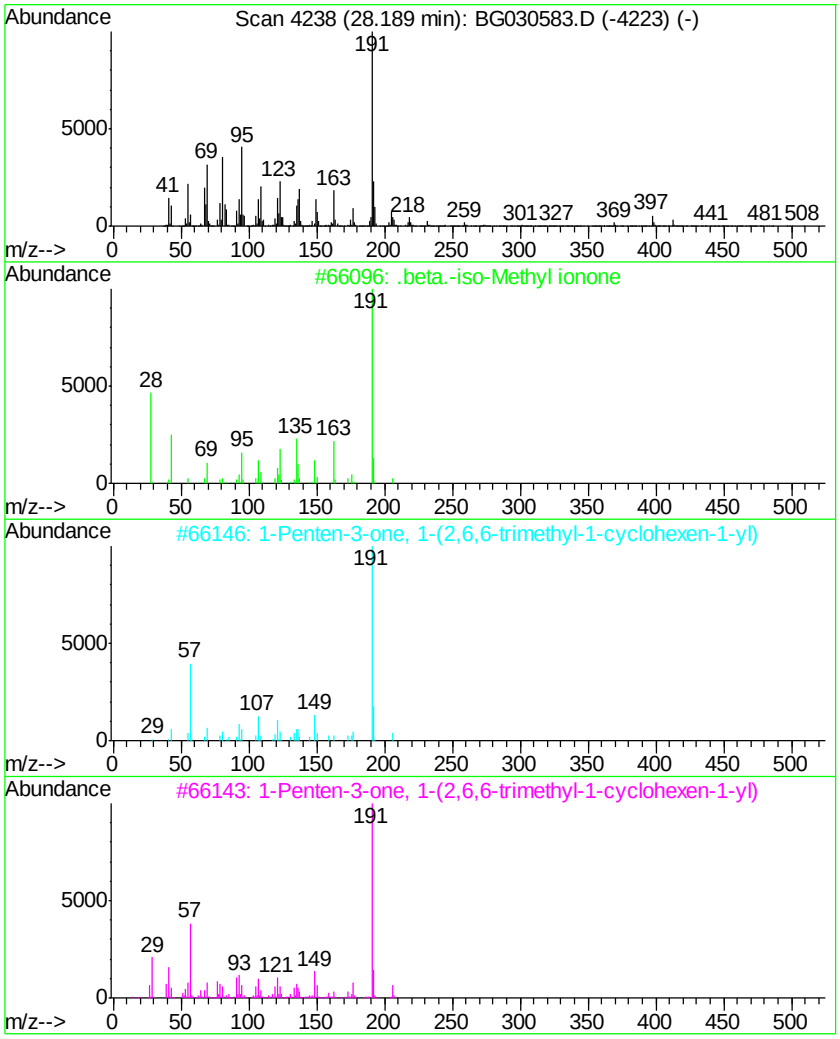
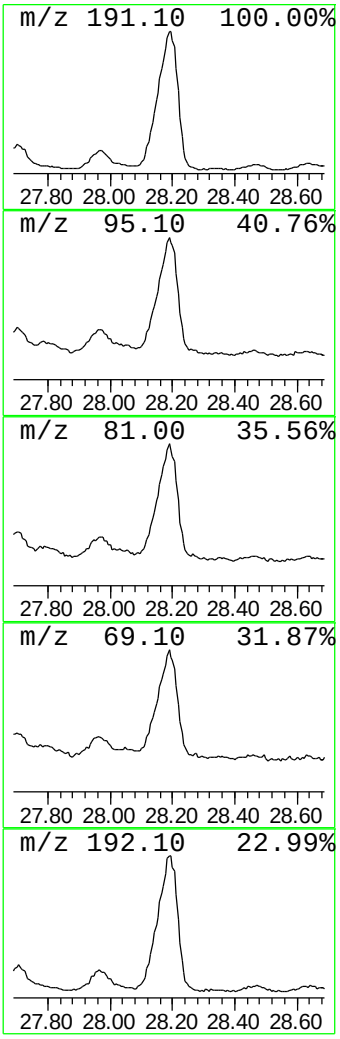
Peak Number 27 .beta.-iso-Methyl ionone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.19	78.56 ng/ul	18231900	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	60
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	55
3	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	45
4	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	43
5	5-(p-Aminophenyl)-2-thiazolamine	191	C9H9N3S	090349-87-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030583.D
Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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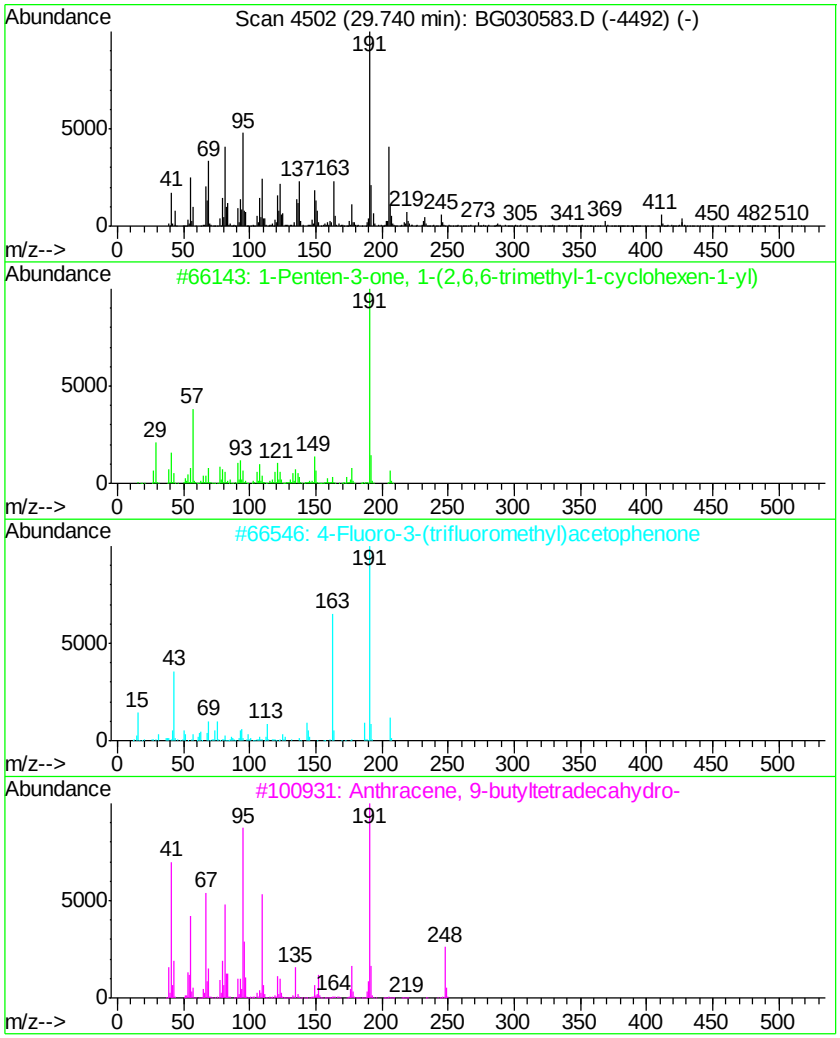
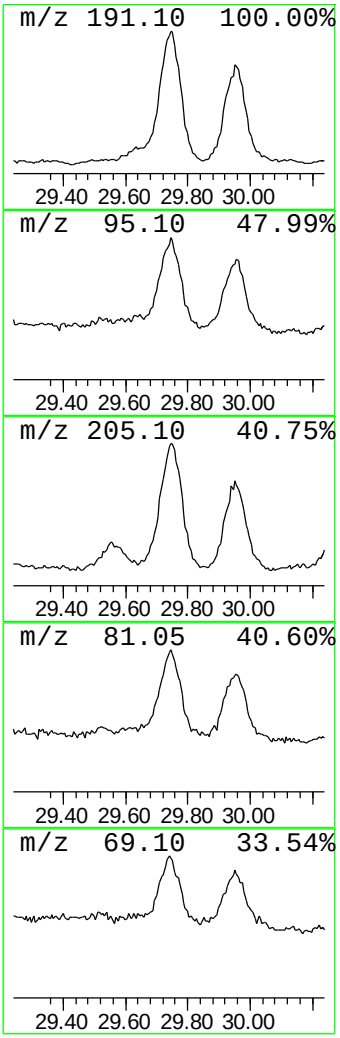
Peak Number 28 unknown-10 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.74	20.02 ng/ul	4645800	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	46
2	4-Fluoro-3-(trifluoromethyl)acet...	206	C9H6F4O	208173-24-4	38
3	Anthracene, 9-butyltetradecahydro-	248	C18H32	055133-89-6	37
4	4'-Diethylaminoacetanilide	206	C12H18N2O	005326-57-8	35
5	Phenol, 2,4-bis(1,1-dimethylethyl)-	206	C14H22O	000096-76-4	30





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Data File : BG030583.D
Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AB3

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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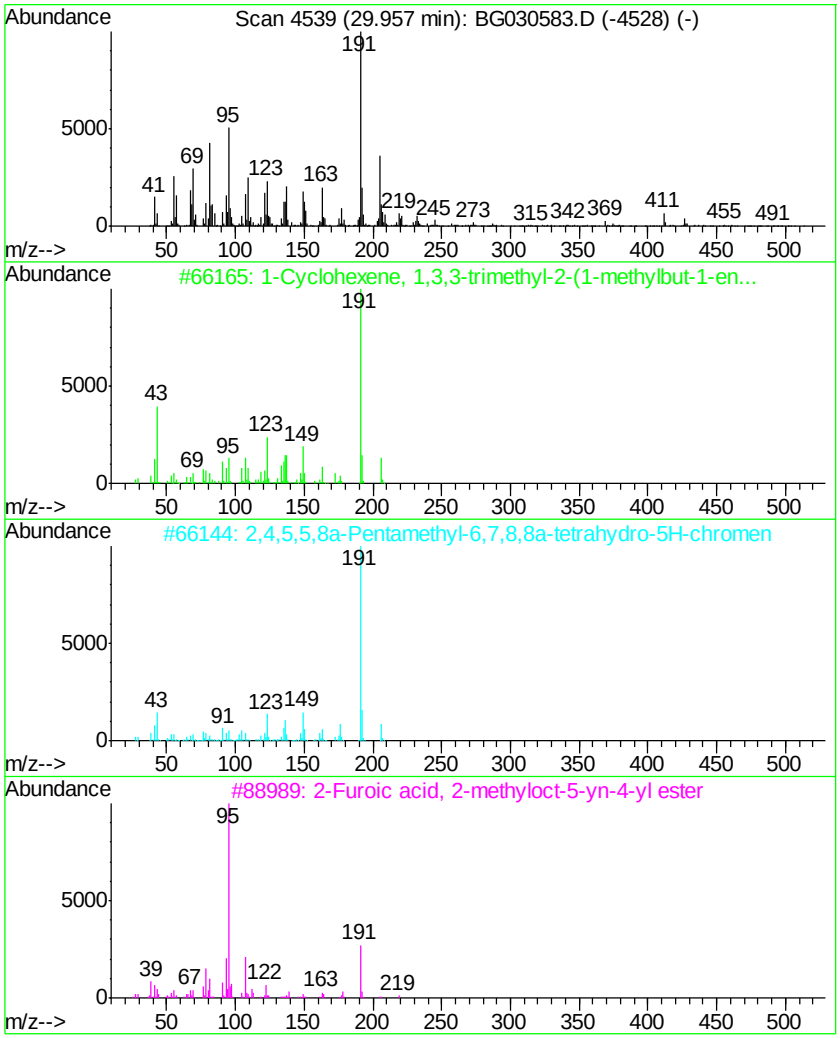
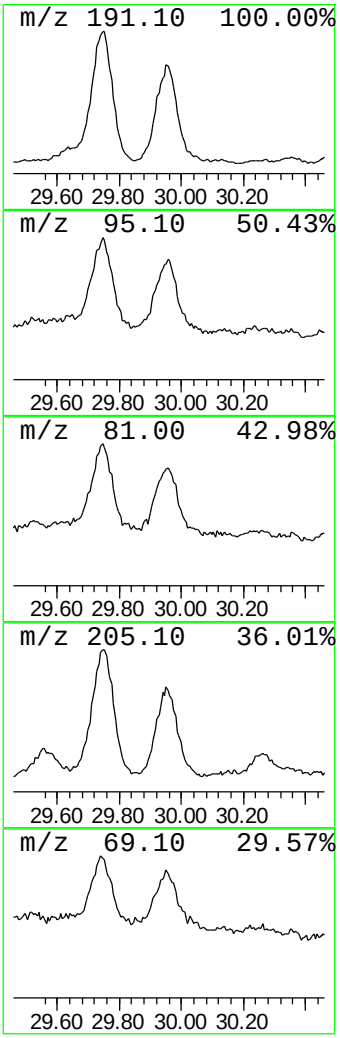
Peak Number 29 unknown-11 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.96	19.52 ng/ul	4528990	Perylene-d12	25.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Cyclohexene, 1,3,3-trimethyl-2...	206	C14H22O	1000197-08-4	47
2	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	46
3	2-Furoic acid, 2-methyloct-5-yn-...	234	C14H18O3	1000299-23-7	43
4	4,5-Dihydrothiazol-4-one, 2-(2-m...	222	C10H10N2O2S	022476-61-5	38
5	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG103017\
Data File : BG030583.D
Acq On : 30 Oct 2017 18:09
Operator : SJ/JU
Sample : I5842-15
Misc :
ALS Vial : 9 Sample Multiplier: 1

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

					Internal Standard		
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Hydroxy-iso-but...	12.27	2.4	ng/ul	124743	2	10.97	1035840	20.0
unknown-01	14.60	2.3	ng/ul	174206	3	14.77	1490490	20.0
1,4-Hexadiene, 2,...	15.56	3.0	ng/ul	225949	3	14.77	1490490	20.0
(DEL) Alkane: Str...	16.01	2.5	ng/ul	185303	3	14.77	1490490	20.0
Benzophenone	16.12	7.3	ng/ul	548005	3	14.77	1490490	20.0
Sulfurous acid, c...	16.41	2.2	ng/ul	184173	4	17.51	1660400	20.0
(DEL) Alkane: Str...	16.48	3.7	ng/ul	309850	4	17.51	1660400	20.0
unknown-02	17.05	2.2	ng/ul	180164	4	17.51	1660400	20.0
Benzene, (1-methy...	17.40	2.7	ng/ul	225776	4	17.51	1660400	20.0
Benzene, (1-ethyl...	17.87	3.4	ng/ul	279697	4	17.51	1660400	20.0
(DEL) Alkane: Str...	17.99	2.5	ng/ul	210595	4	17.51	1660400	20.0
Benzene, (1-methy...	18.16	10.5	ng/ul	871368	4	17.51	1660400	20.0
Benzene, (1-ethyl...	18.59	2.2	ng/ul	183233	4	17.51	1660400	20.0
Benzene, (1-methy...	18.86	10.1	ng/ul	835241	4	17.51	1660400	20.0
unknown-03	19.15	3.0	ng/ul	246590	4	17.51	1660400	20.0
2-Bromo dodecane	19.30	2.4	ng/ul	202183	4	17.51	1660400	20.0
(DEL) Alkane: Str...	20.40	7.9	ng/ul	452116	5	21.80	1150480	20.0
unknown-04	21.69	20.0	ng/ul	1150480	5	21.80	1150480	20.0
unknown-05	22.36	58.7	ng/ul	3377790	5	21.80	1150480	20.0
unknown-06	22.75	41.8	ng/ul	2402740	5	21.80	1150480	20.0
unknown-07	24.79	18.8	ng/ul	4371690	6	25.17	4641310	20.0
unknown-08	25.06	20.0	ng/ul	4641310	6	25.17	4641310	20.0
unknown-09	25.54	26.5	ng/ul	6150640	6	25.17	4641310	20.0
28-Nor-17.beta.(H...	26.51	27.6	ng/ul	6392520	6	25.17	4641310	20.0
.beta.-iso-Methyl...	28.19	78.6	ng/ul	18231900	6	25.17	4641310	20.0
unknown-10	29.74	20.0	ng/ul	4645800	6	25.17	4641310	20.0
unknown-11	29.96	19.5	ng/ul	4528990	6	25.17	4641310	20.0