LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.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	2.813	17	21	29	rVV2	103466	166169	4.77%	0.293%
2	2.884	29	33	47	rVB	2055143	2664476	76.45%	4.704%
3	4.587	314	323	329	rBV	109870	172856	4.96%	0.305%
4	4.681	335	339	344	rVV	110338	162469	4.66%	0.287%
5	4.746	344	350	354	rVV4	59131	112866	3.24%	0.199%
6	4.840	361	366	371	rVV2	109306	172707	4.96%	0.305%
7	5.081	402	407	417	rVB3	136114	312039	8.95%	0.551%
8	5.433	457	467	473	rVB4	52678	103558	2.97%	0.183%
9	5.510	473	480	484	rBV3	68120	128195	3.68%	0.226%
10	5.586	487	493	497	rVV3	132901	214066	6.14%	0.378%
11	5.651	497	504	511	rVB2	77832	159780	4.58%	0.282%
12	5.904	537	547	554	rBV4	194849	464439	13.33%	0.820%
13	6.021	559	567	573	rVB2	116367	253618	7.28%	0.448%
14	6.109	576	582	589	rBV4	152057	308851	8.86%	0.545%
15	6.180	589	594	599	rBV	263926	384139	11.02%	0.678%
16	6.256	603	607	610	rVV2	158569	280039	8.03%	0.494%
17	6.291	610	613	618	rVB2	184910	261096	7.49%	0.461%
18	6.432	633	637	643	rVB3	59620	94966	2.72%	0.168%
19	6.515	643	651	657	rBV3	126941	314488	9.02%	0.555%
20	6.573	657	661	664	rBV2	66792	97400	2.79%	0.172%
21	6.609	664	667	673	rVB	148308	217700	6.25%	0.384%
22	6.779	687	696	704	rVB2	240388	563140	16.16%	0.994%
23	6.949	718	725	729	rVV2	155322	259827	7.45%	0.459%
24	7.137	753	757	761	rVV2	142793	198095	5.68%	0.350%
25	7.419	801	805	812	rBV6	38140	96082	2.76%	0.170%
26	7.601	829	836	843	rVB2	561225	1091645	31.32%	1.927%
27	7.889	878	885	890	rBV5	79584	179569	5.15%	0.317%
28	8.142	923	928	934	rVB4	82270	180102	5.17%	0.318%
29	8.307	952	956	963	rVB	146815	233102	6.69%	0.412%
30	8.424	972	976	981	rVB4	72201	112089	3.22%	0.198%
31	8.706	1016	1024	1028	rBV4	60015	128805	3.70%	0.227%
32	8.753	1028	1032	1037	rVV	135578	202015	5.80%	0.357%
33	9.470	1149	1154	1160	rVV3	135167	256363	7.36%	0.453%
34	9.570	1167	1171	1180	rVB9	43662	111086	3.19%	0.196%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Title : SVOA CALIBRATION

35	10.005	1237	1245	1251	rVB	210070	387241	11.11%	0.684%
36	10.386	1303	1310	1315	rBV	705788	1218883	34.97%	2.152%
37	10.433	1315	1318	1327	rVB2	75395	139987	4.02%	0.247%
38	10.522	1327	1333	1336	rBV	119870	199949	5.74%	0.353%
39	10.563	1336	1340	1344	rVB	106470	162094	4.65%	0.286%
40	11.426	1481	1487	1495	rBV2	97206	188372	5.40%	0.333%
41	12.278	1621	1632	1644	rBV2	194115	383680	11.01%	0.677%
42	12.801	1717	1721	1725	rVB	97841	131373	3.77%	0.232%
43	13.083	1762	1769	1778	rBV2	142010	322143	9.24%	0.569%
44	13.307	1804	1807	1813	rVB2	85930	129975	3.73%	0.229%
45	13.430	1820	1828	1834	rBV2	385599	985261	28.27%	1.739%
46	13.577	1847	1853	1859	rBV	487894	836461	24.00%	1.477%
47	13.671	1864	1869	1873	rVB	363943	497298	14.27%	0.878%
48	13.718	1874	1877	1880	rVV	113821	147449	4.23%	0.260%
49	13.753	1880	1883	1887	rVB2	139550	177637	5.10%	0.314%
50	13.812	1888	1893	1897	rBV	250872	365499	10.49%	0.645%
51	13.947	1911	1916	1919	rBV	411984	637967	18.30%	1.126%
52	14.258	1962	1969	1975	rVB3	1073558	1773128	50.87%	3.130%
53	14.323	1975	1980	1983	rBV	306934	425241	12.20%	0.751%
54	14.464	1999	2004	2015	rBV3	273543	611705	17.55%	1.080%
55	14.658	2034	2037	2045	rVB2	345570	638115	18.31%	1.127%
56	14.740	2046	2051	2055	rVV	272951	377762	10.84%	0.667%
57	14.799	2057	2061	2067	rVB4	168765	250623	7.19%	0.442%
58	14.875	2068	2074	2080	rBV3	237000	556731	15.97%	0.983%
59	14.934	2080	2084	2087	rVB	187575	246807	7.08%	0.436%
60	15.052	2097	2104	2107	rBV4	116172	293542	8.42%	0.518%
61	15.128	2115	2117	2121	rVB	130034	156210	4.48%	0.276%
62	15.257	2134	2139	2143	rVB	553487	818258	23.48%	1.445%
63	15.310	2143	2148	2153	rBV2	442165	673885	19.33%	1.190%
64	15.434	2166	2169	2173	rVB3	139871	151066	4.33%	0.267%
65	15.539	2181	2187	2193	rBV3	288988	557424	15.99%	0.984%
66	15.992	2260	2264	2266	rBV2	167476	248587	7.13%	0.439%
67	16.021	2266	2269	2273	rVB	328580	438944	12.59%	0.775%
68	16.832	2402	2407	2415	rVB2	534352	1056667	30.32%	1.866%
69	17.008	2432	2437	2441	rBV2	1270932	1939066	55.64%	3.423%
70	17.055	2441	2445	2450	rVV	1873906	2671265	76.64%	4.716%
71	17.108	2450	2454	2457	rVV	564019	861963	24.73%	1.522%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Title : SVOA CALIBRATION

72	17.143	2457	2460	2465	rVB	650687	847552	24.32%	1.496%
73	17.537	2524	2527	2531	rVB	162290	195723	5.62%	0.346%
74	17.590	2533	2536	2541	rVV	249560	328161	9.42%	0.579%
75	17.731	2556	2560	2567	rVB3	278511	481794	13.82%	0.851%
76	17.889	2583	2587	2590	rBV	658993	901806	25.87%	1.592%
77	17.936	2591	2595	2601	rVB	692622	1043464	29.94%	1.842%
78	18.013	2605	2608	2613	rVB	219836	294611	8.45%	0.520%
79	18.077	2614	2619	2623	rBV2	717736	1244091	35.70%	2.196%
80	18.395	2669	2673	2677	rBV	388181	530417	15.22%	0.936%
81	18.694	2721	2724	2727	rBV	146952	165732	4.76%	0.293%
82	18.812	2740	2744	2749	rBV2	352525	539328	15.47%	0.952%
83	19.076	2784	2789	2797	rVB	1223350	1677621	48.13%	2.962%
84	19.229	2811	2815	2820	rVB	430974	564502	16.20%	0.997%
85	19.411	2842	2846	2848	rBV2	656048	923407	26.49%	1.630%
86	19.441	2848	2851	2860	rVB	2181993	2980865	85.53%	5.263%
87	19.940	2933	2936	2941	rVB2	376449	474572	13.62%	0.838%
88	20.040	2950	2953	2958	rVB2	306792	375305	10.77%	0.663%
89	20.099	2959	2963	2967	rBV	312431	384087	11.02%	0.678%
90	20.240	2983	2987	2990	rBV	232793	287790	8.26%	0.508%
91	20.281	2991	2994	3003	rVB	287633	440218	12.63%	0.777%
92	20.892	3095	3098	3101	rBV	192802	225864	6.48%	0.399%
93	21.209	3145	3152	3155	rBV3	2030987	3485325	100.00%	6.153%
94	21.244	3155	3158	3164	rVB	586068	780384	22.39%	1.378%
95	22.396	3351	3354	3359	rVB	167316	219764	6.31%	0.388%
96	22.766	3412	3417	3428	rVB2	327319	988830	28.37%	1.746%
97	23.236	3493	3497	3501	rBV	239940	410641	11.78%	0.725%
98	23.289	3502	3506	3509	rVV2	351484	595169	17.08%	1.051%
99	23.330	3510	3513	3520	rVB	576654	979754	28.11%	1.730%
100	23.430	3524	3530	3536	rBV	1078815	1959017	56.21%	3.459%

Sum of corrected areas: 56641889

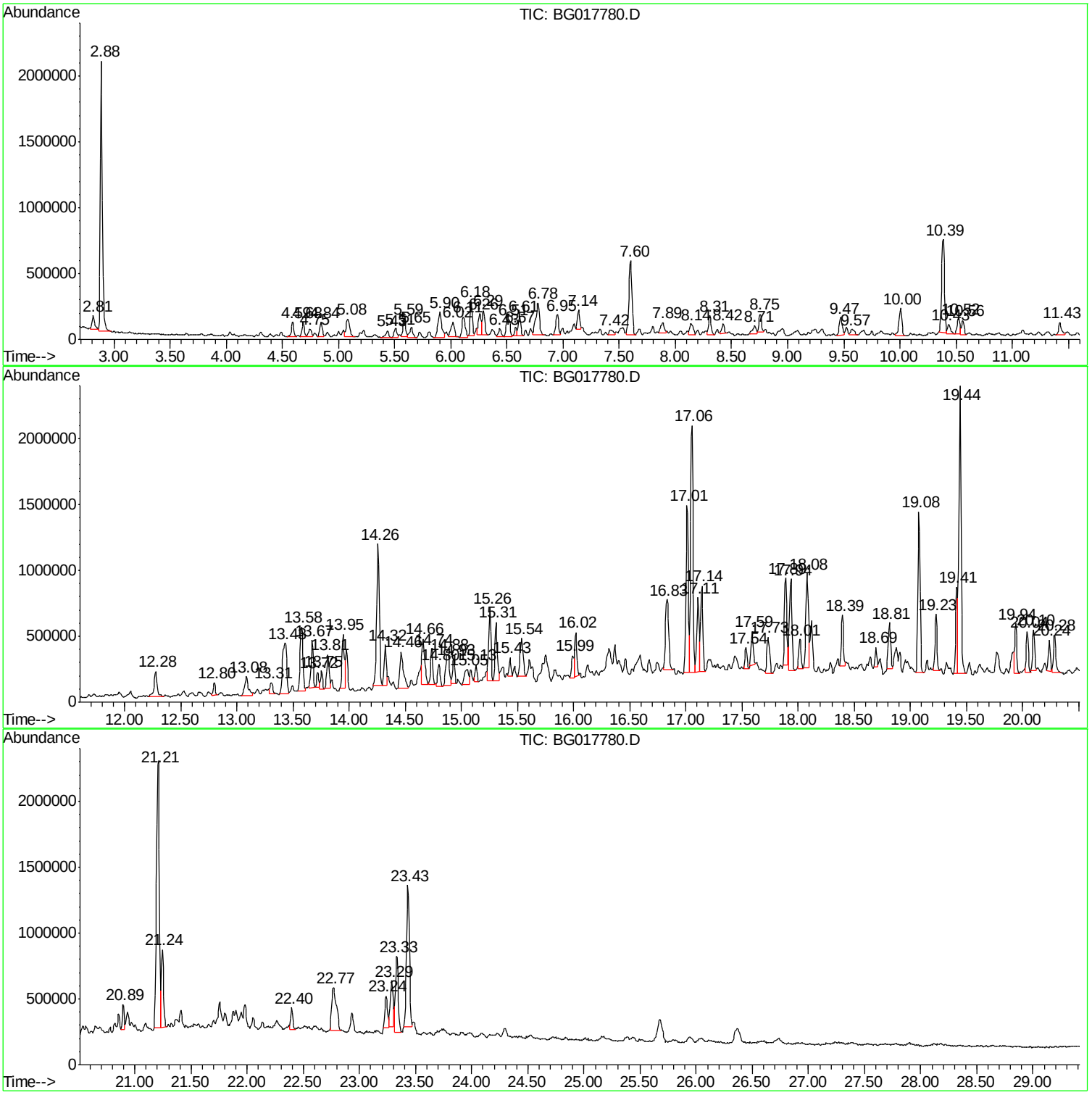
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

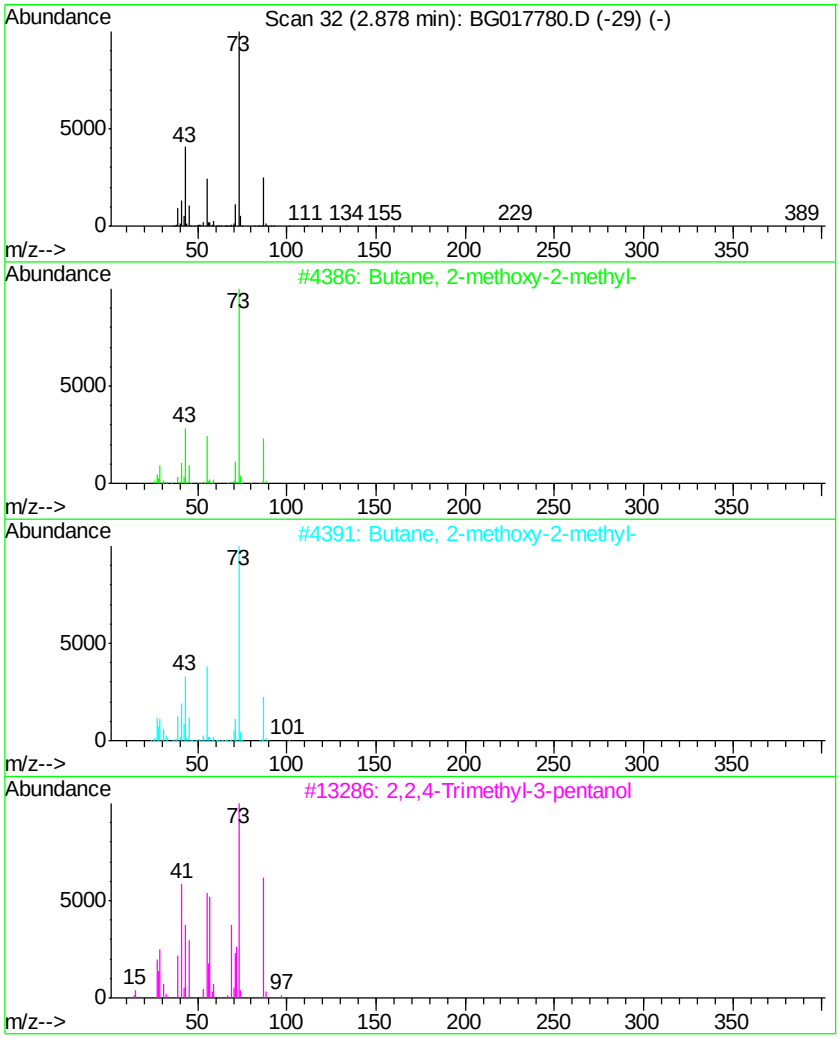
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

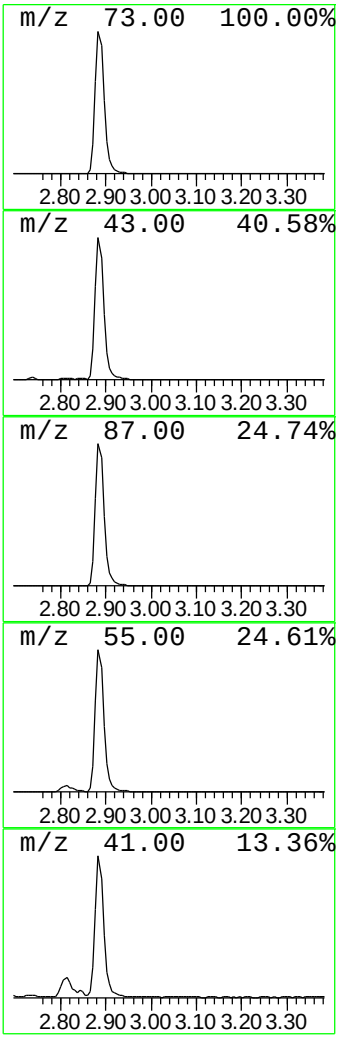
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.88	48.82 ng/ul	2664480	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	50
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	35
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

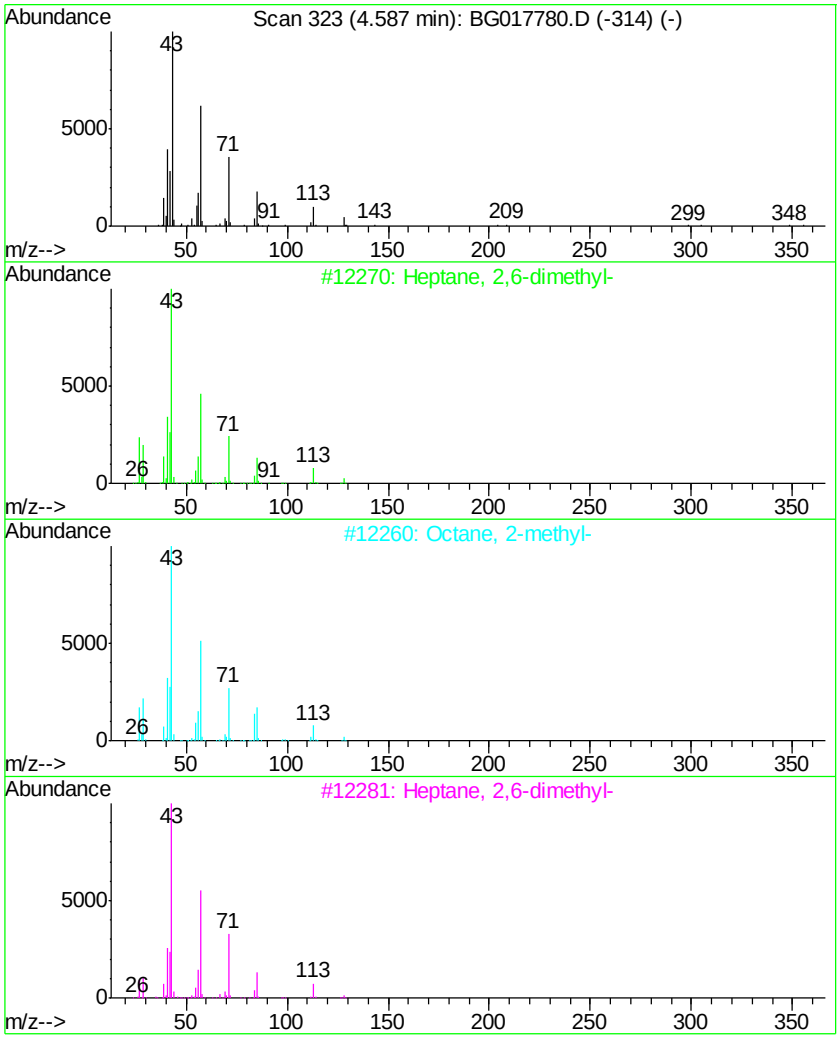
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

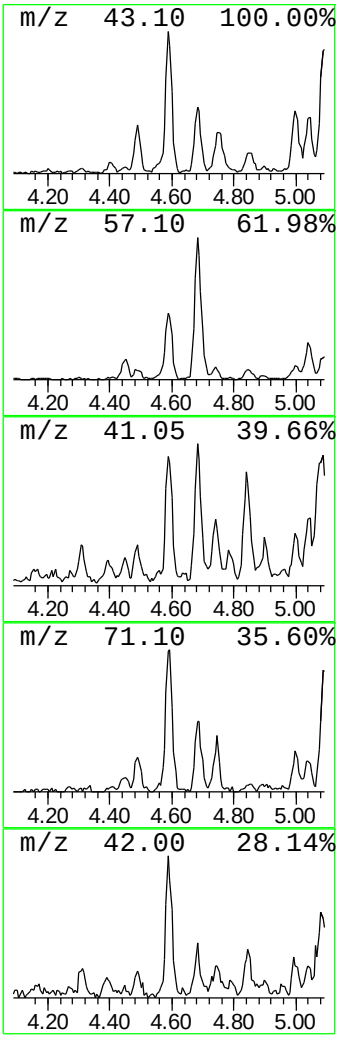
****

Peak Number 3 Heptane, 2,6-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.59	3.17 ng/ul	172856	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	95
2	Octane, 2-methyl-	128	C9H20	003221-61-2	93
3	Heptane, 2,6-dimethyl-	128	C9H20	001072-05-5	83
4	Octane, 2-methyl-	128	C9H20	003221-61-2	78
5	Decane, 2-methyl-	156	C11H24	006975-98-0	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

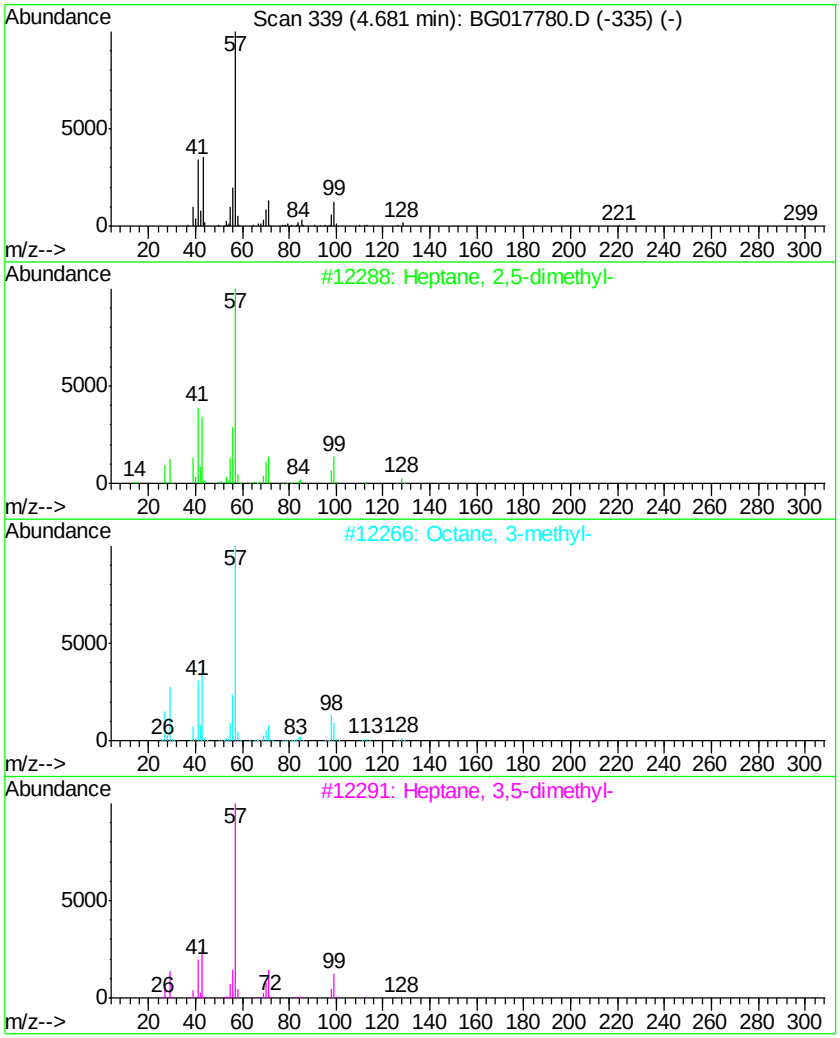
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

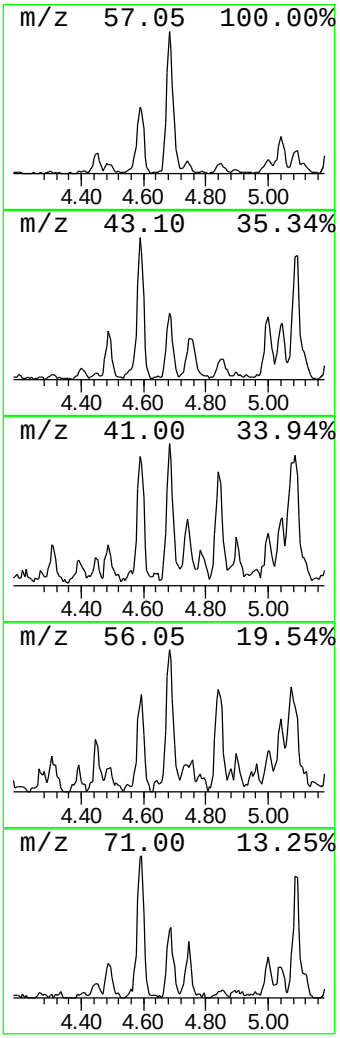
****

Peak Number 4 Heptane, 2,5-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.98 ng/ul	162469	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	91
2	Octane, 3-methyl-	128	C9H20	002216-33-3	90
3	Heptane, 3,5-dimethyl-	128	C9H20	000926-82-9	90
4	Heptane, 2,5-dimethyl-	128	C9H20	002216-30-0	90
5	Octane, 3-methyl-	128	C9H20	002216-33-3	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

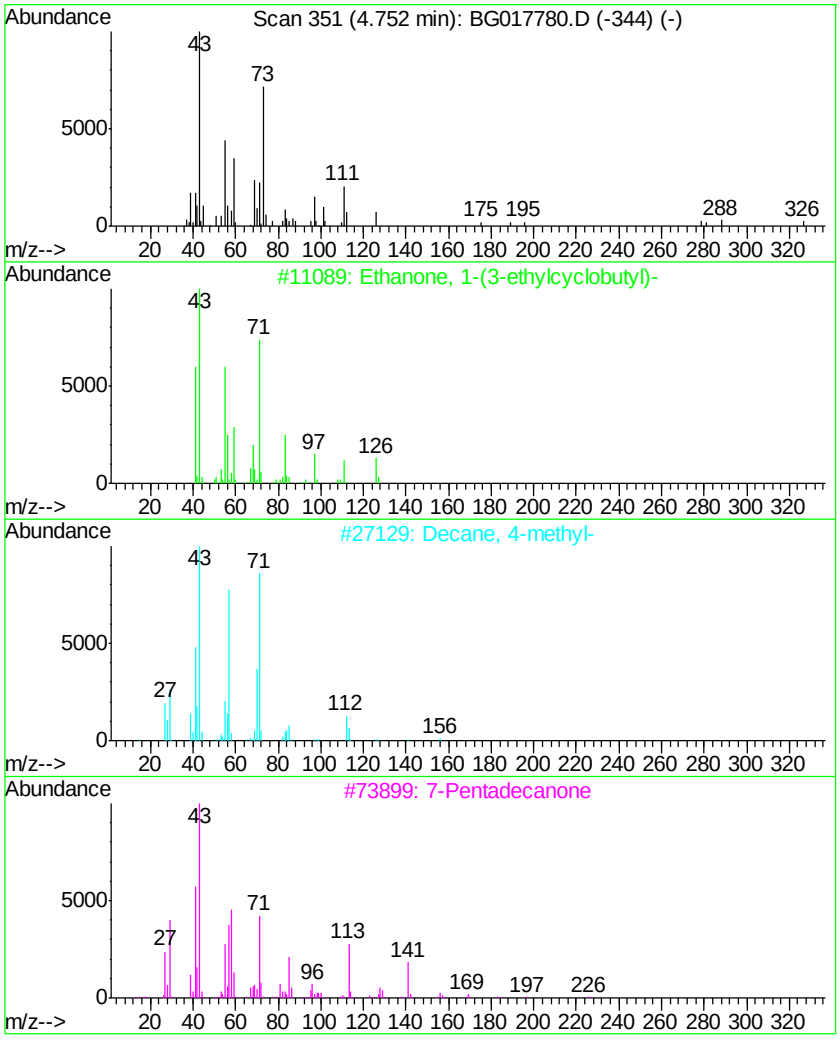
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

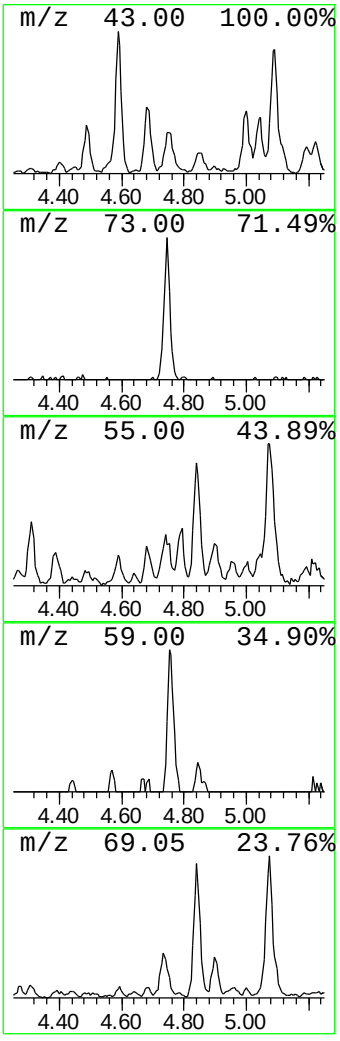
****

Peak Number 5 unknown-01 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	2.07 ng/ul	112866	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(3-ethylcyclobutyl)-	126	C8H14O	056335-71-8	37
2	Decane, 4-methyl-	156	C11H24	002847-72-5	16
3	7-Pentadecanone	226	C15H30O	006064-38-6	16
4	Decane, 4-methyl-	156	C11H24	002847-72-5	16
5	1-Trimethylsilyl-3-(dimethyl-n-p...	256	C14H32Si2	136935-52-9	16





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

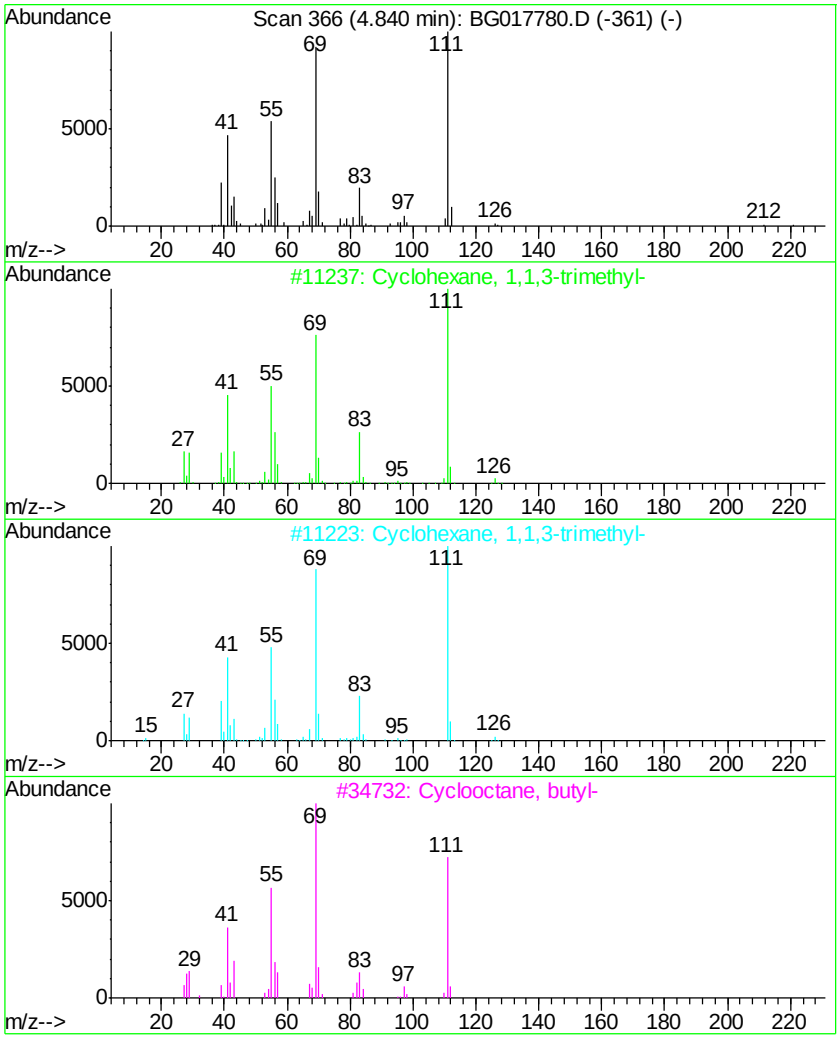
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

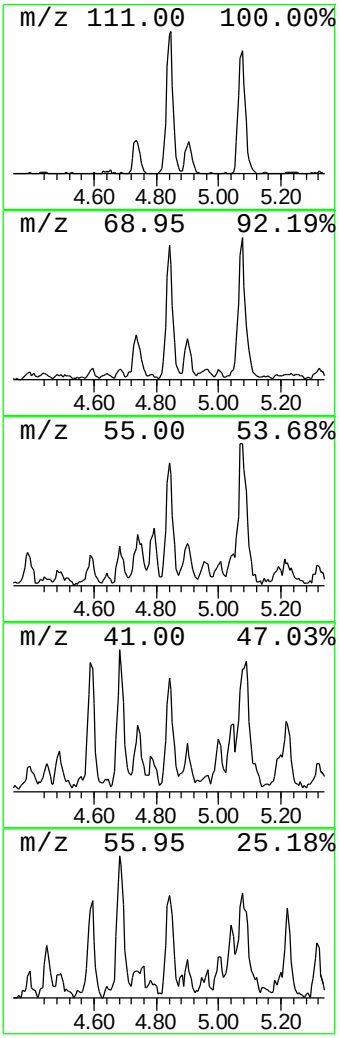
****

Peak Number 6 (DEL) Alkane: Cyclic4.84 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.84	3.16 ng/ul	172707	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	93
2	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	90
3	Cyclooctane, butyl-	168	C12H24	016538-93-5	78
4	Cyclohexane, 1,1,3-trimethyl-	126	C9H18	003073-66-3	72
5	Cyclohexane, 1-ethyl-2,4-dimethyl-	140	C10H20	061142-69-6	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
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Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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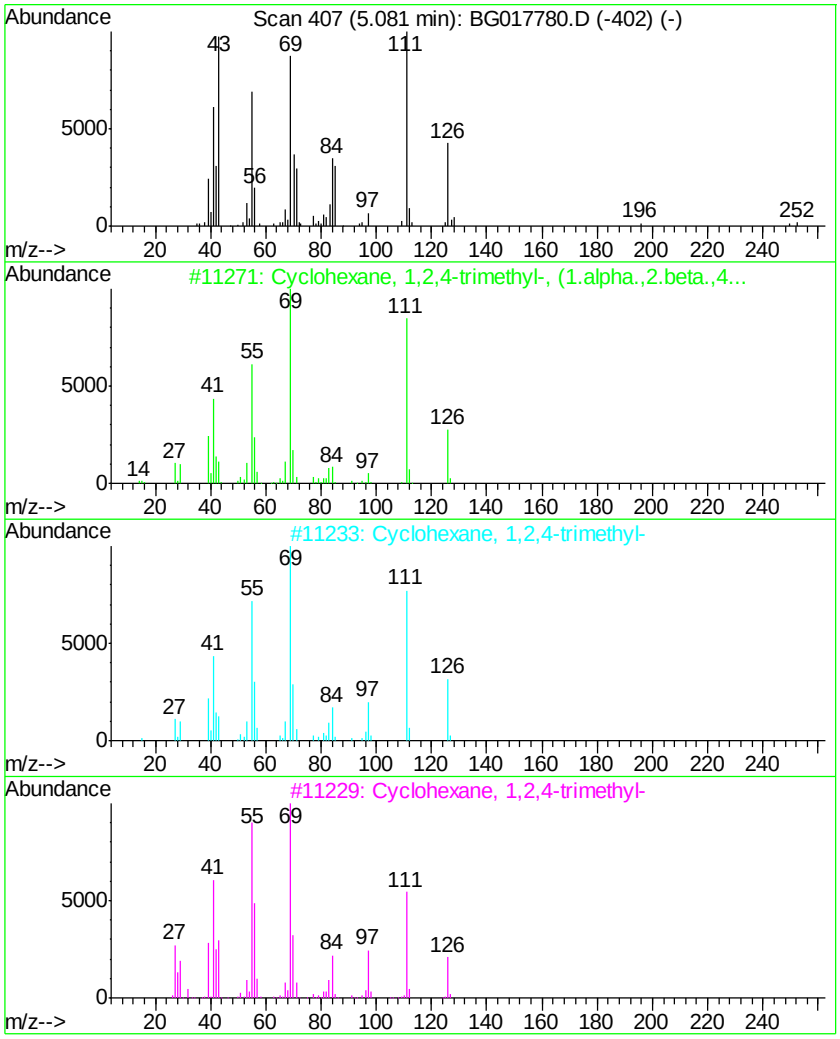
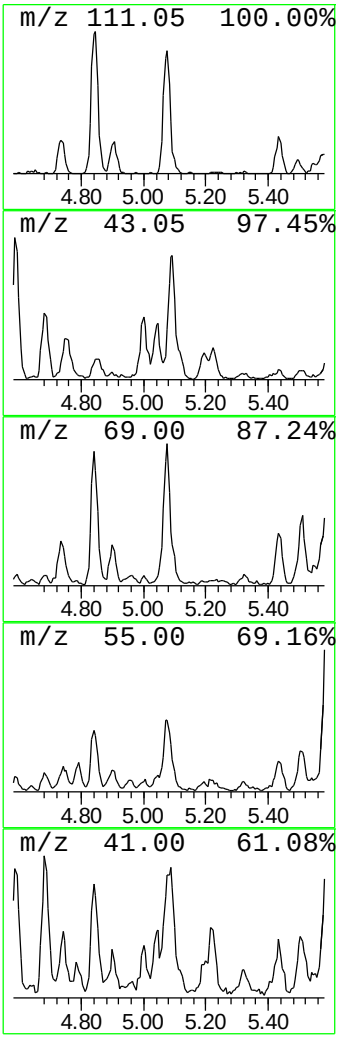
Peak Number 7 (DEL) Alkane: Cyclic5.08 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	5.72 ng/ul	312039	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,2,4-trimethyl-, (...	126	C9H18	007667-60-9	76
2	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	72
3	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	68
4	Cyclohexane, 1,3,5-trimethyl-	126	C9H18	001839-63-0	64
5	Cyclohexane, 1,2,4-trimethyl-	126	C9H18	002234-75-5	52





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Acq On : 6 Jul 2015 21:54
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Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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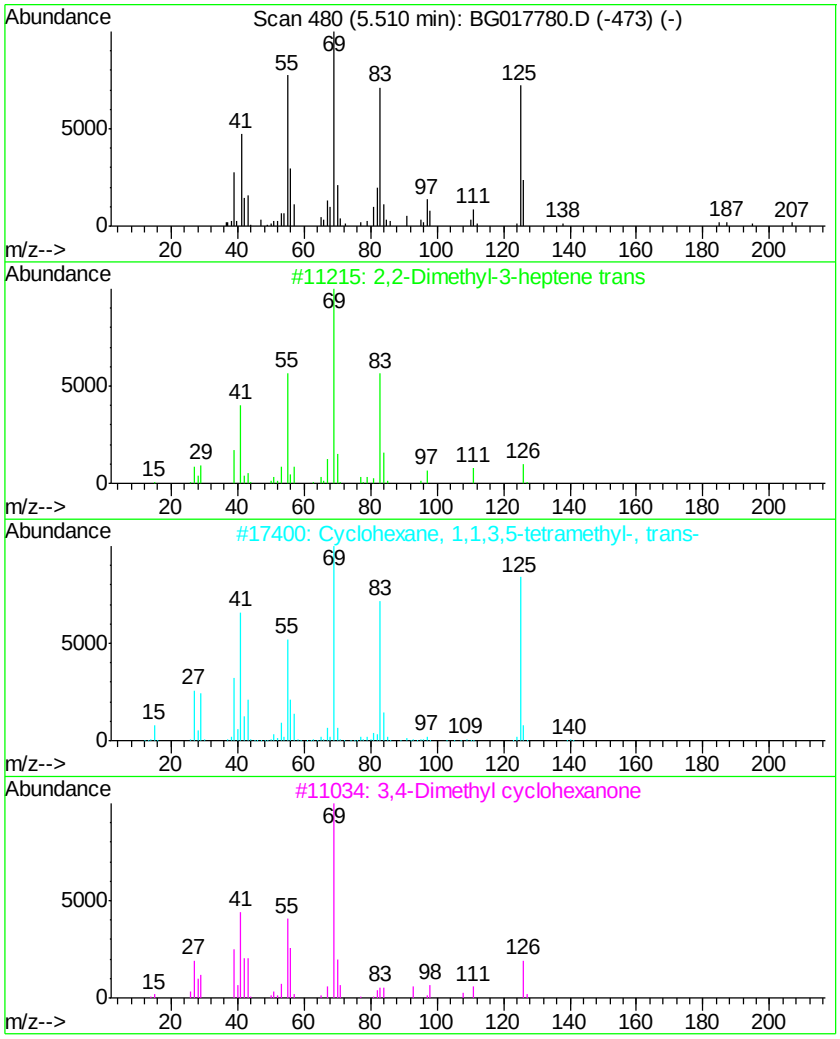
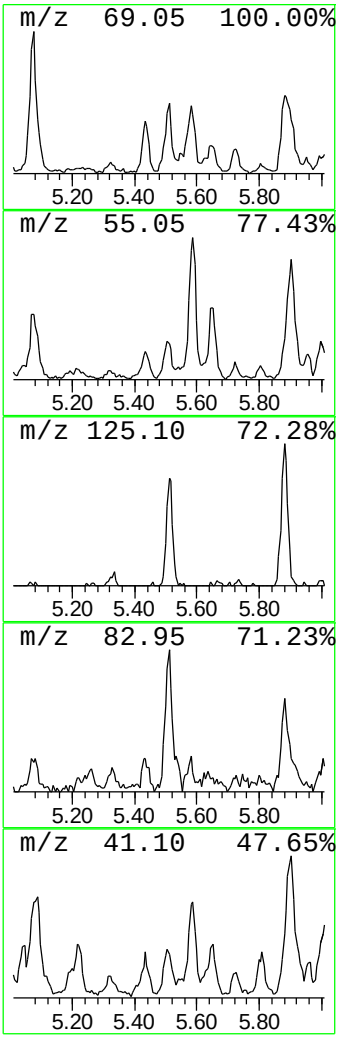
Peak Number 8 (DEL) Alkane: Cyclic5.51 Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	2.35 ng/ul	128195	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-3-heptene trans	126	C9H18	019550-75-5	58
2	Cyclohexane, 1,1,3,5-tetramethyl...	140	C10H20	050876-31-8	50
3	3,4-Dimethyl cyclohexanone	126	C8H14O	005465-09-8	49
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	49
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	43





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Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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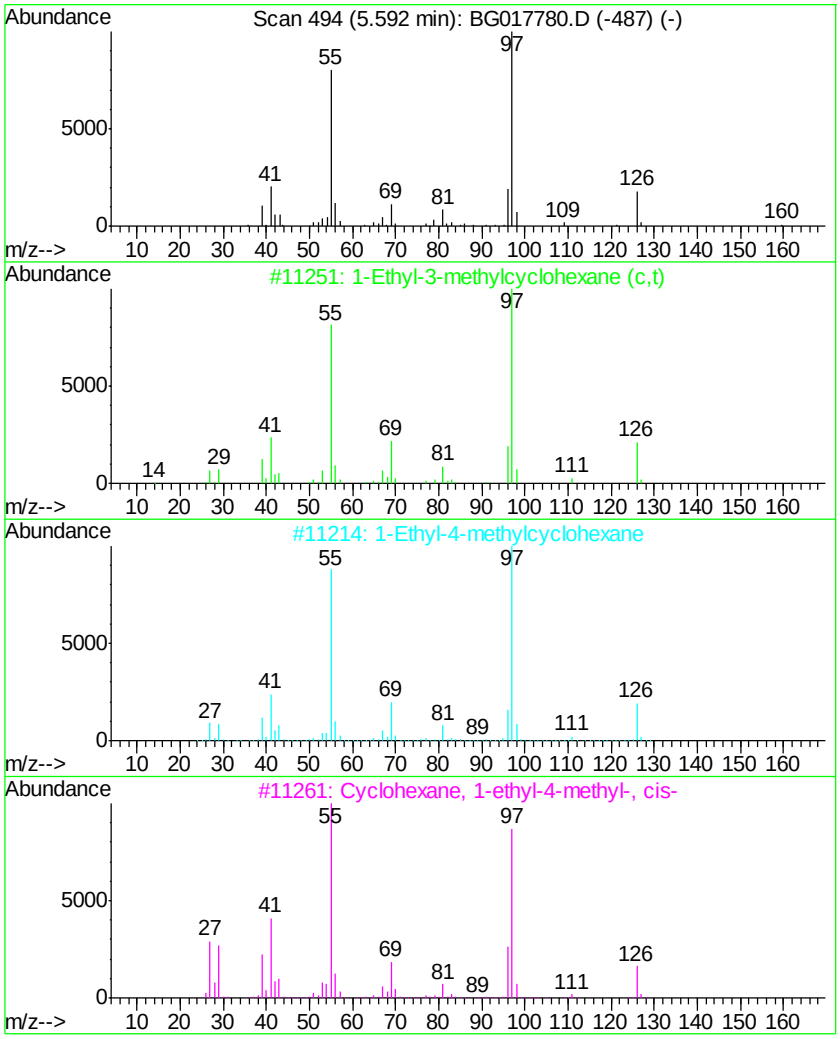
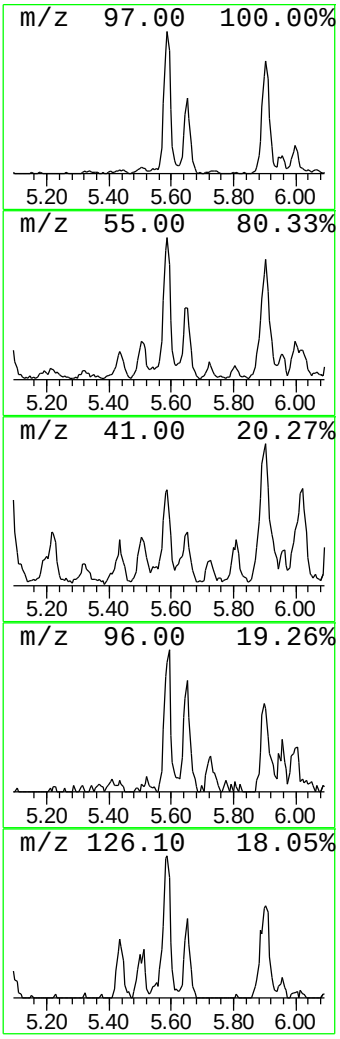
Peak Number 9 (DEL) Alkane: Cyclic5.59 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.59	3.92 ng/ul	214066	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
2	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	83
3	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	80
4	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	72
5	4-Octen-3-one	126	C8H14O	014129-48-7	72





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Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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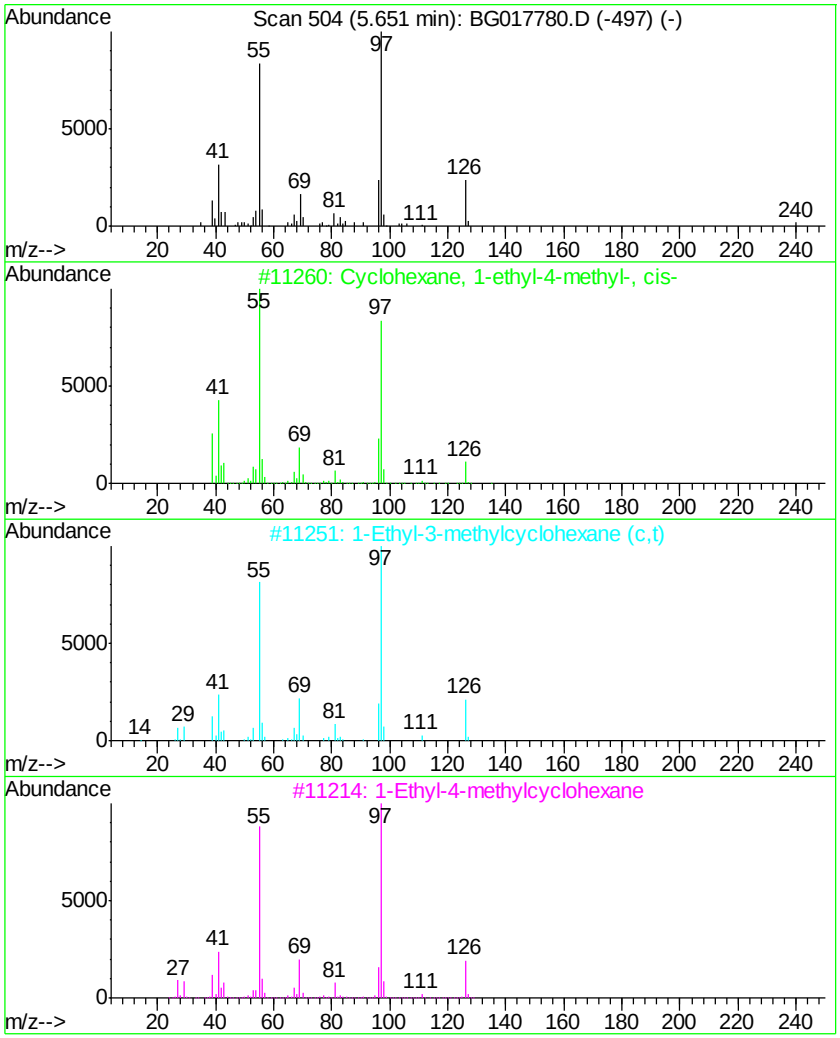
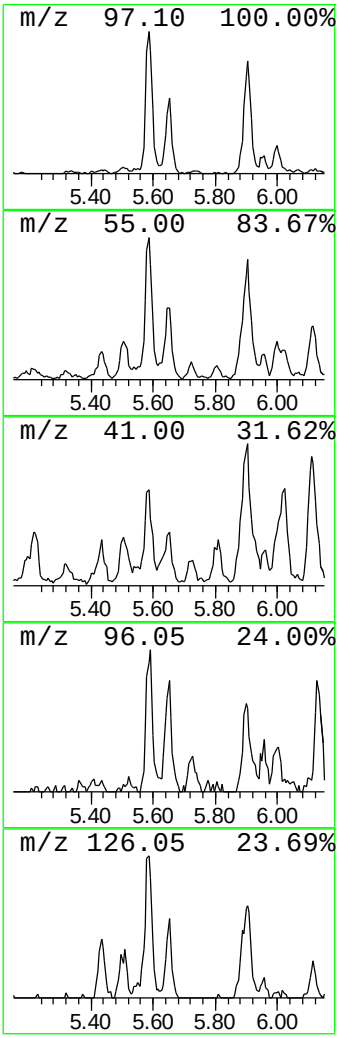
Peak Number 10 (DEL) Alkane: Cyclic5.65 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.65	2.93 ng/ul	159780	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	90
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	87
3	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	80
4	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	78
5	3,5-Dimethyl-3-heptene	126	C9H18	059643-68-4	64





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Acq On : 6 Jul 2015 21:54
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Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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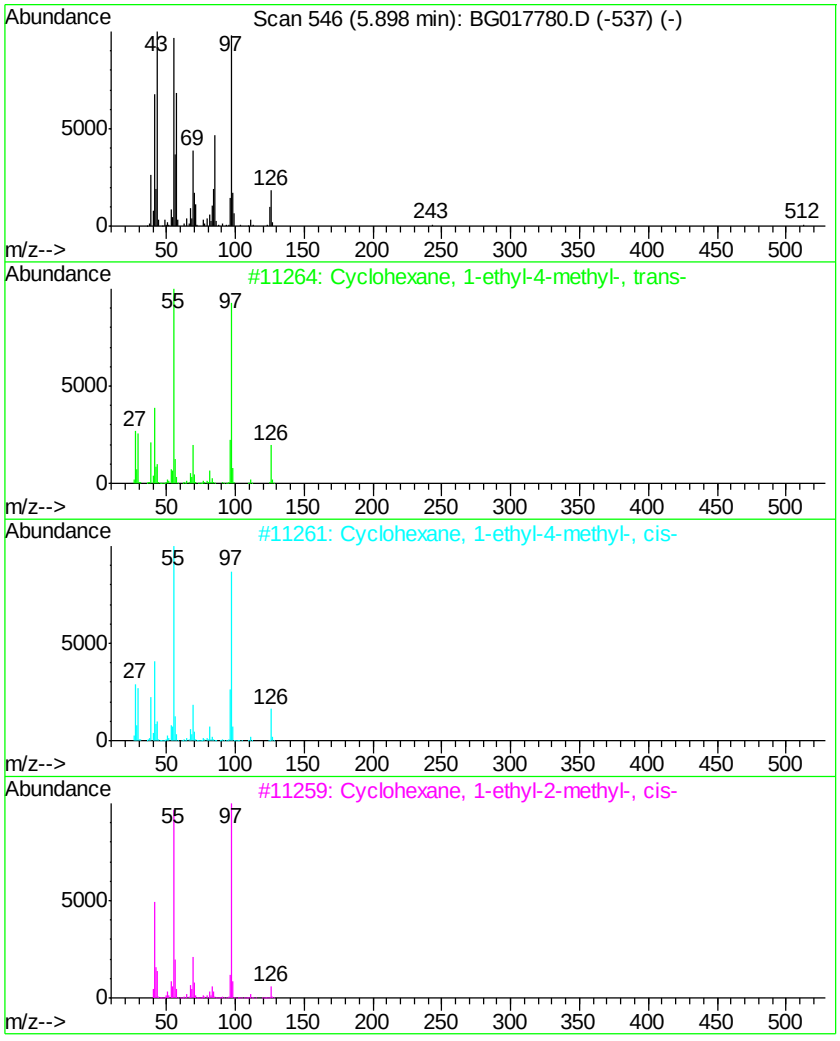
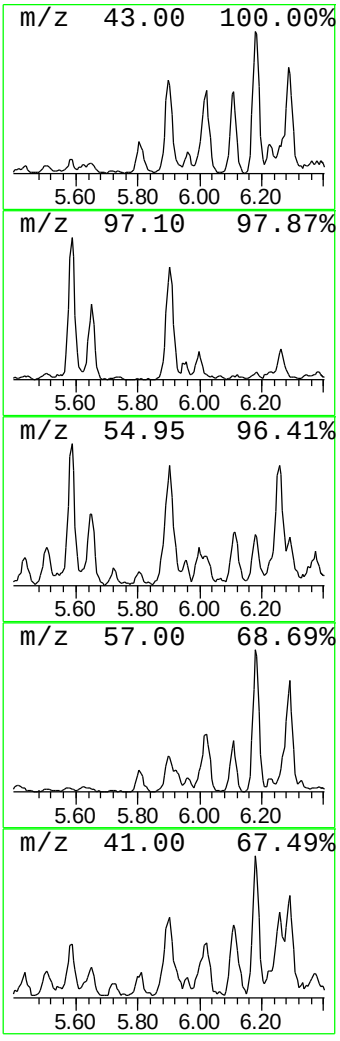
Peak Number 11 (DEL) Alkane: Cyclic5.90 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.90	8.51 ng/ul	464439	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	006236-88-0	58
2	Cyclohexane, 1-ethyl-4-methyl-, ...	126	C9H18	004926-78-7	58
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	52
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-78-8	52
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	50





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Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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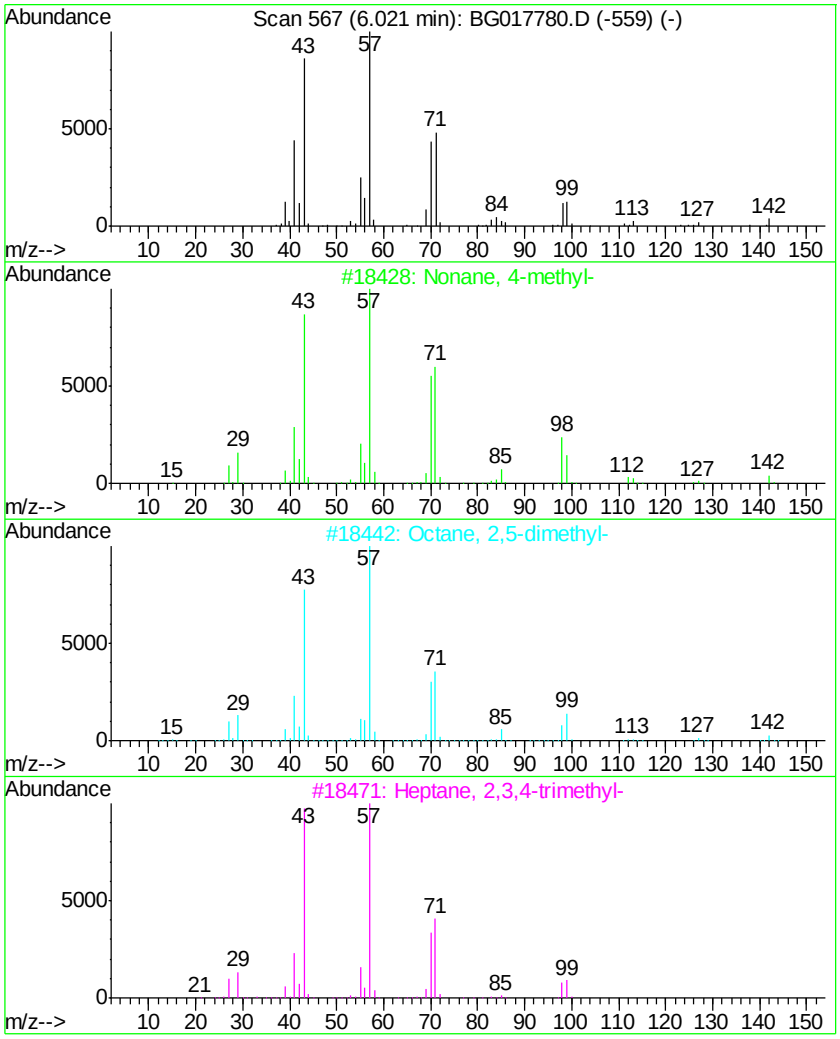
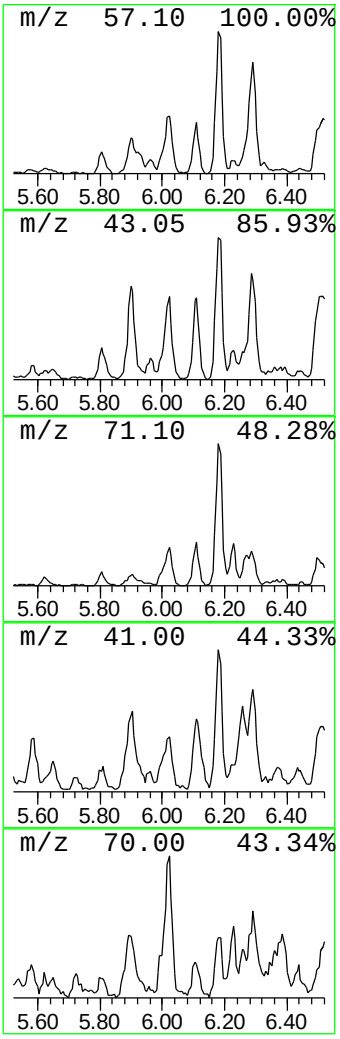
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.02	4.65 ng/ul	253618	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	90
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	87
3	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	78
4	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	72
5	Undecane, 4,5-dimethyl-	184	C13H28	017312-79-7	72





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Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

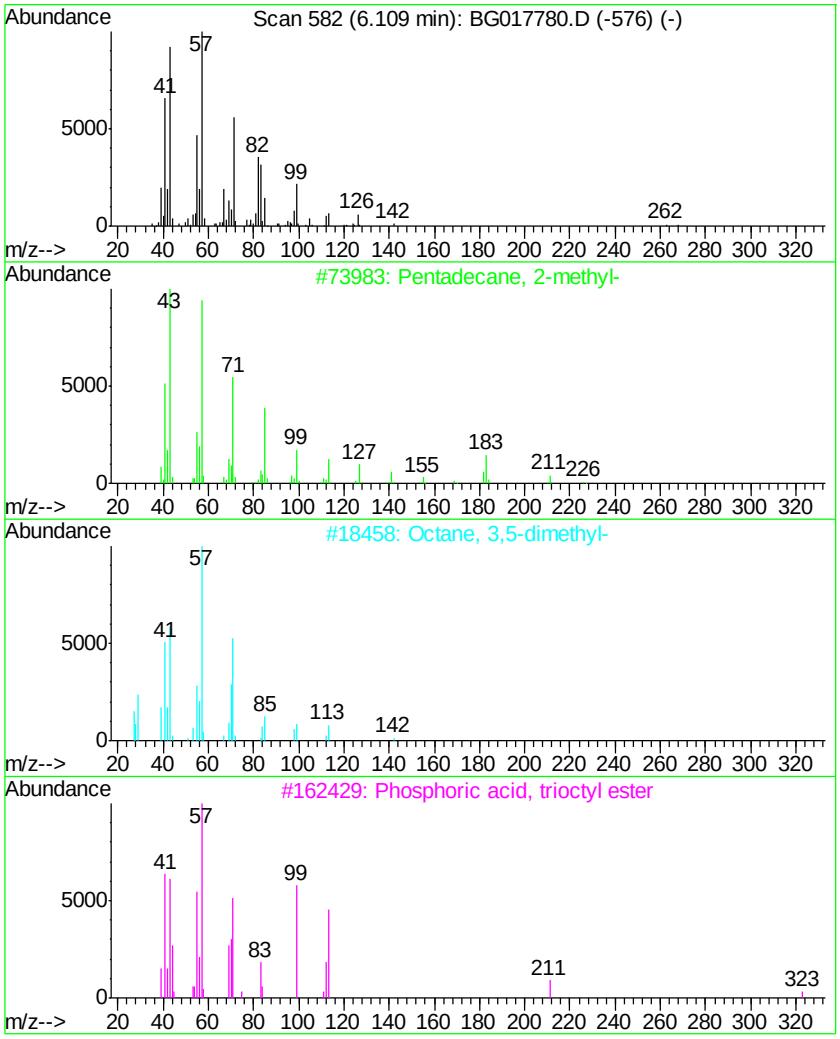
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

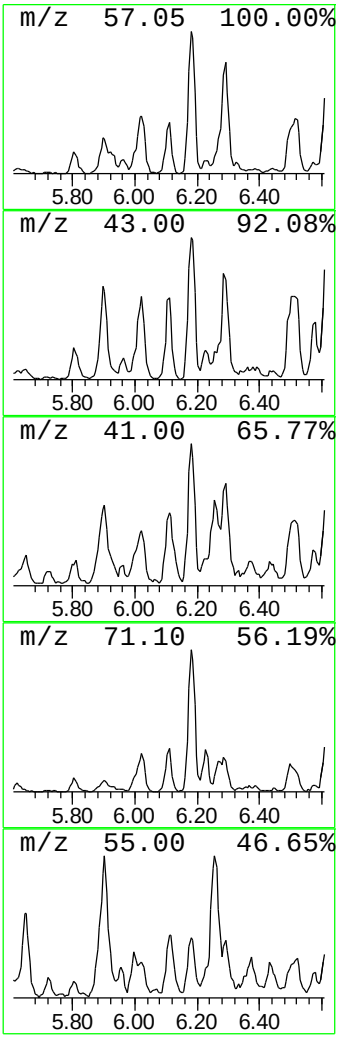
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.11	5.66 ng/ul	308851	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	47
2	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	46
3	Phosphoric acid, trioctyl ester	434	C24H51O4P	001806-54-8	43
4	Nonadecane, 2-methyl-	282	C20H42	001560-86-7	43
5	Decane, 1-iodo-	268	C10H21I	002050-77-3	38





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Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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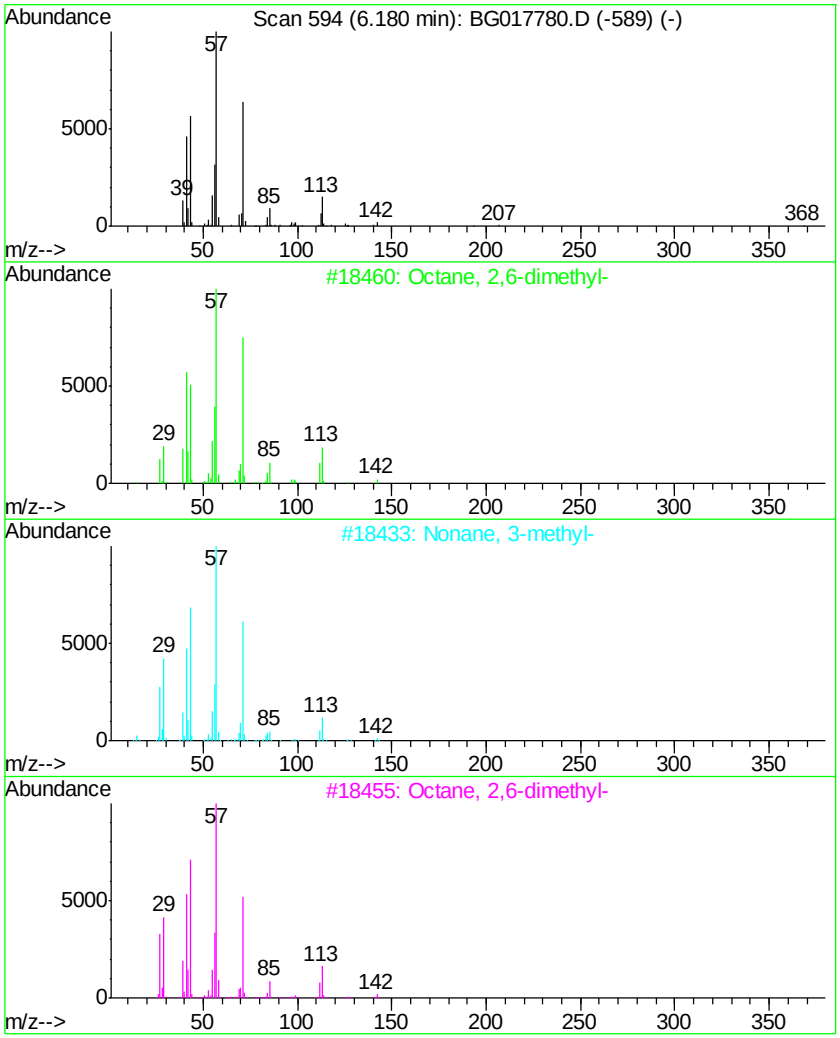
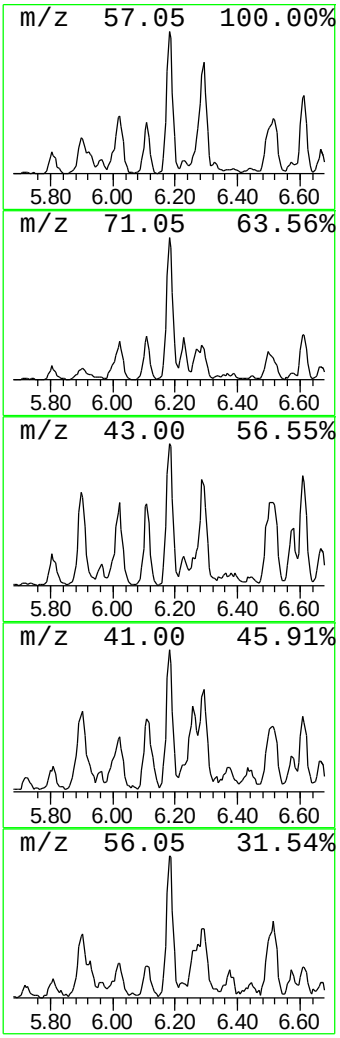
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.18	7.04 ng/ul	384139	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	93
2	Nonane, 3-methyl-	142	C10H22	005911-04-6	91
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	90
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	90
5	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	90





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Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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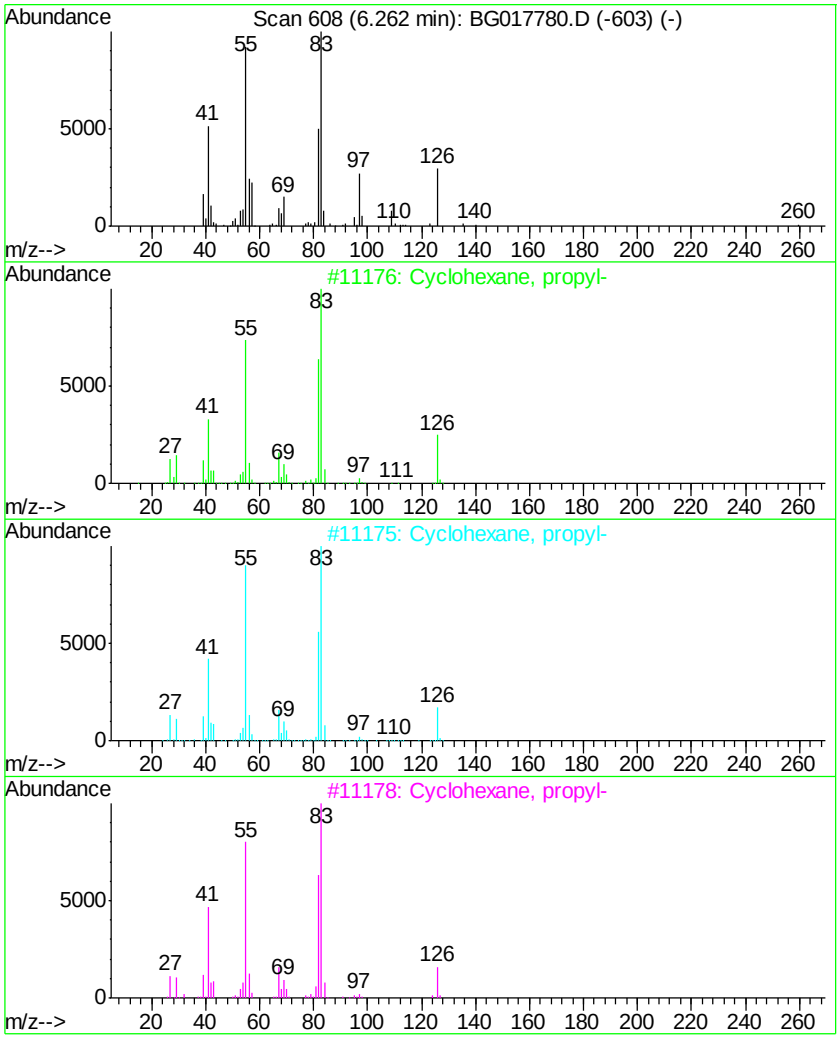
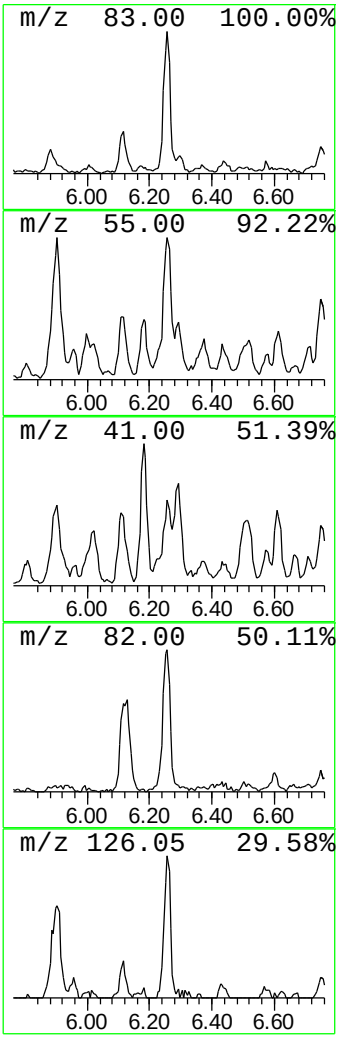
Peak Number 15 (DEL) Alkane: Cyclic6.26 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	5.13 ng/ul	280039	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
2	Cyclohexane, propyl-	126	C9H18	001678-92-8	90
3	Cyclohexane, propyl-	126	C9H18	001678-92-8	83
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	78
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64





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Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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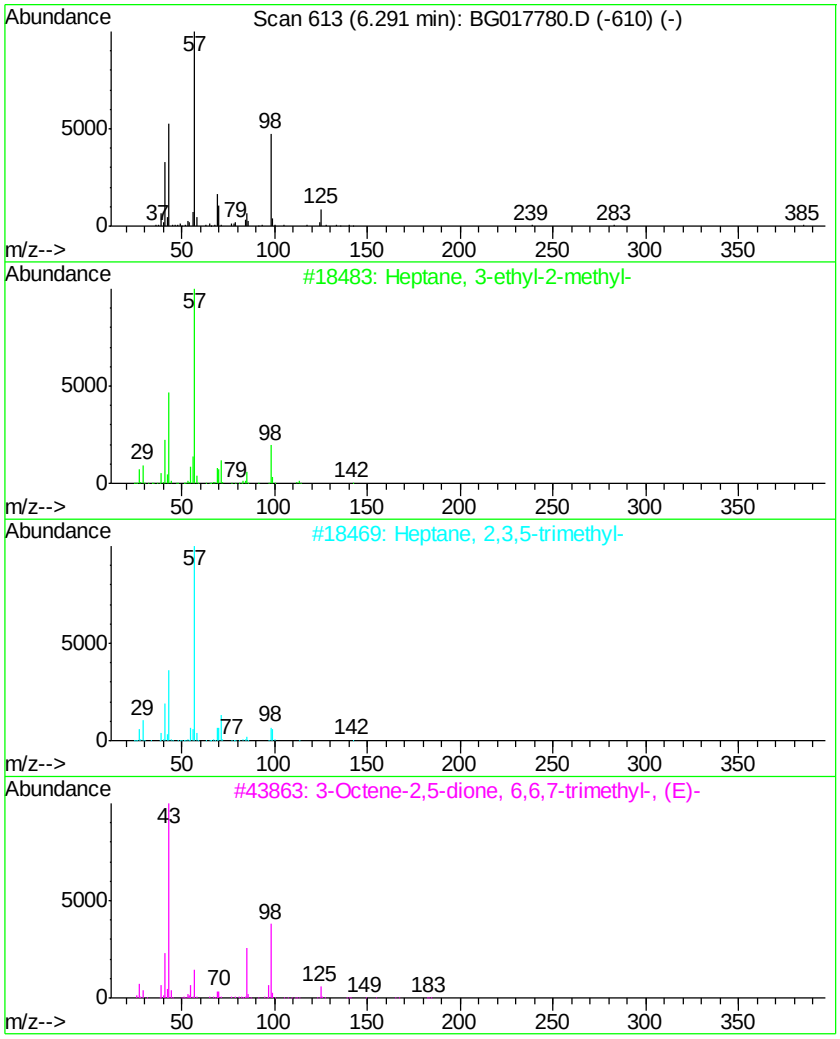
Quant Title : SVOA CALIBRATION

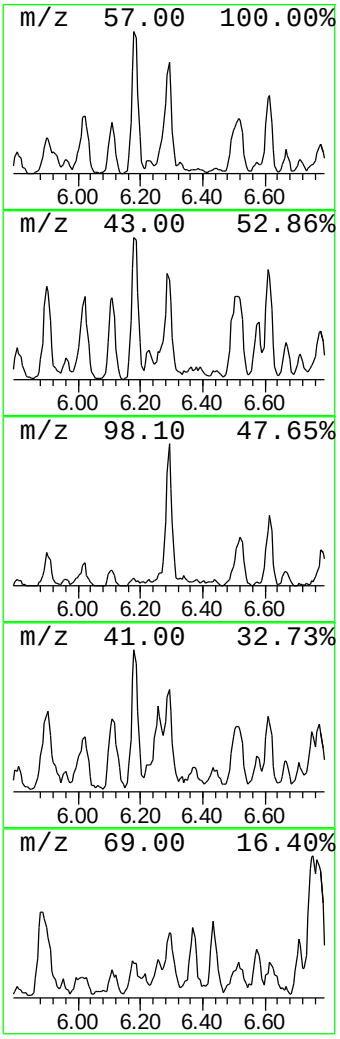
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	4.78 ng/ul	261096	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	40
2	Heptane, 2,3,5-trimethyl-	142	C10H22	020278-85-7	37
3	3-Octene-2,5-dione, 6,6,7-trimet...	182	C11H18O2	060845-48-9	28
4	Heptane, 3-ethyl-2-methyl-	142	C10H22	014676-29-0	28
5	Tridecane, 6-methyl-	198	C14H30	013287-21-3	23





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Sample : G2860-12
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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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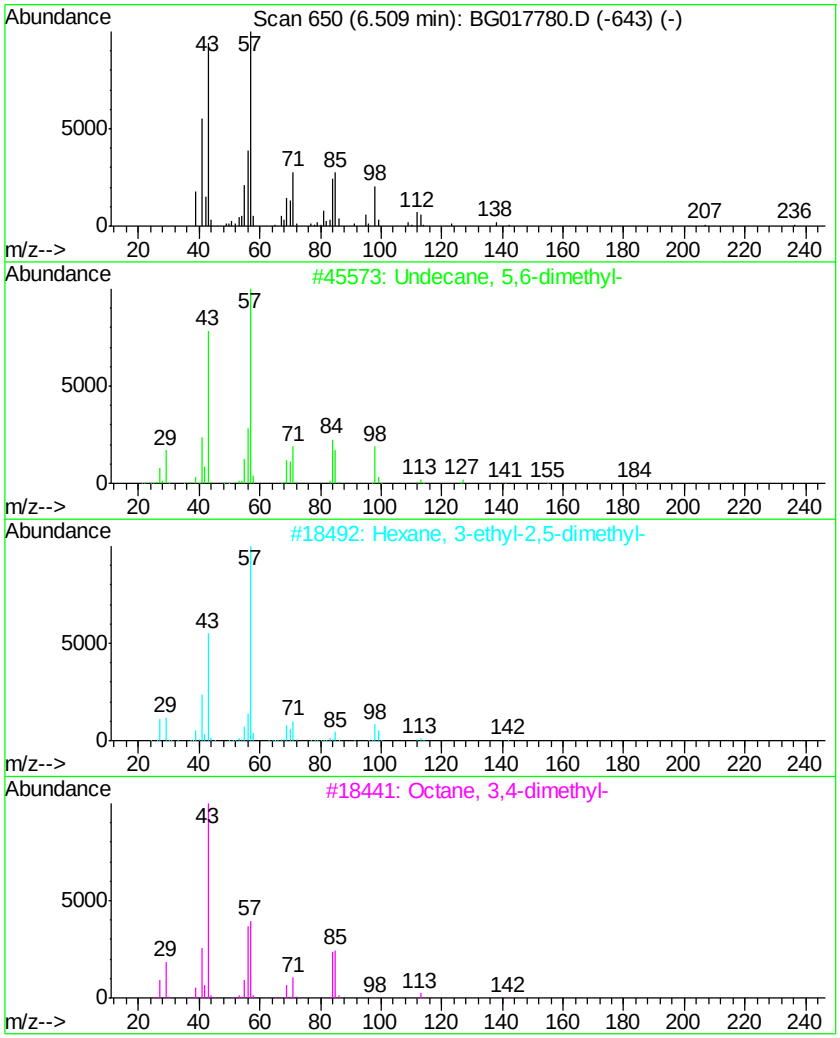
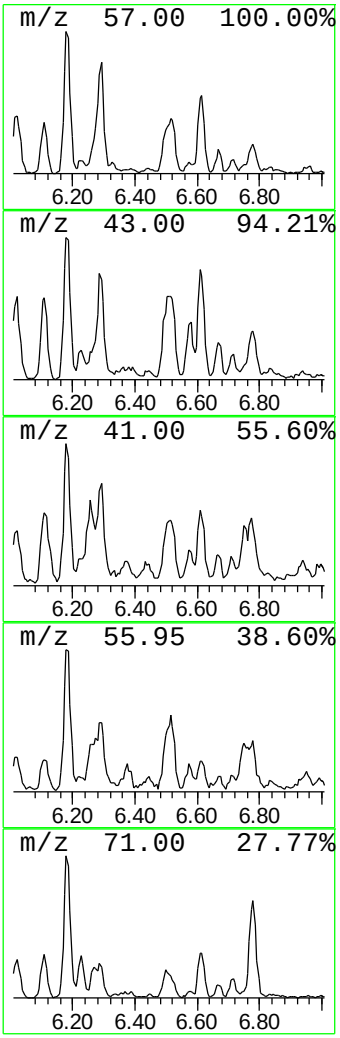
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	5.76 ng/ul	314488	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 5,6-dimethyl-	184	C13H28	017615-91-7	86
2	Hexane, 3-ethyl-2,5-dimethyl-	142	C10H22	052897-04-8	49
3	Octane, 3,4-dimethyl-	142	C10H22	015869-92-8	49
4	Heptane, 2,2-dimethyl-	128	C9H20	001071-26-7	43
5	Decane	142	C10H22	000124-18-5	43





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Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

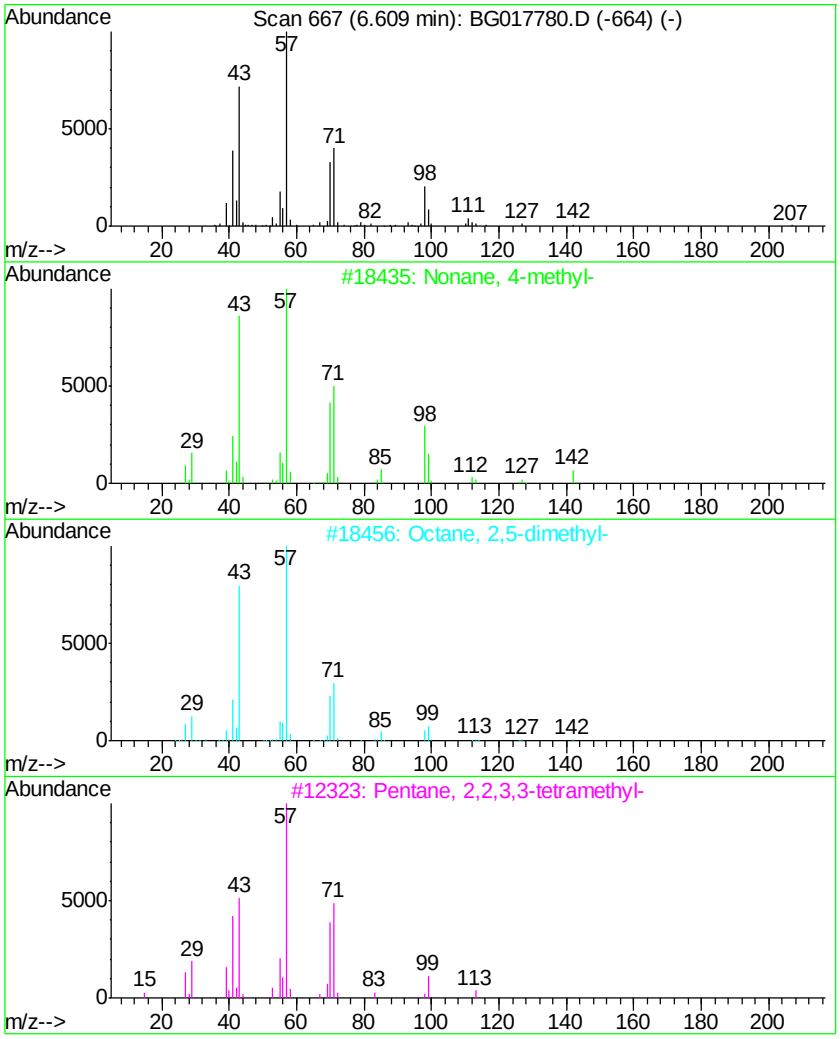
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

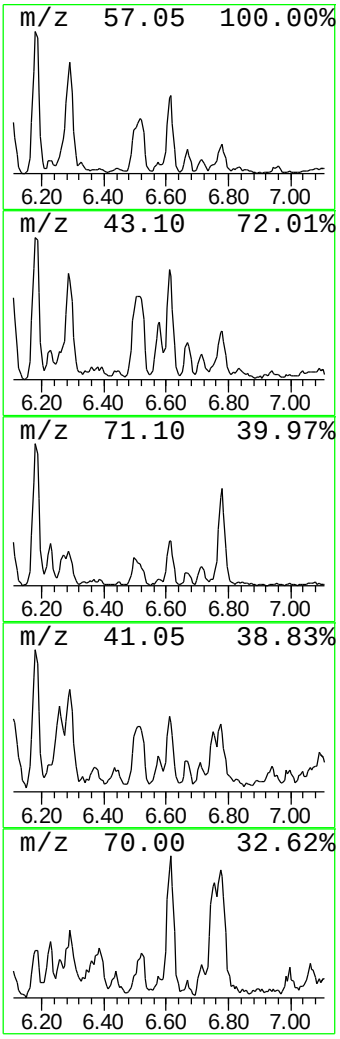
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.61	3.99 ng/ul	217700	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 4-methyl-	142	C10H22	017301-94-9	78
2	Octane, 2,5-dimethyl-	142	C10H22	015869-89-3	64
3	Pentane, 2,2,3,3-tetramethyl-	128	C9H20	007154-79-2	59
4	Heptane, 2,3,4-trimethyl-	142	C10H22	052896-95-4	59
5	Nonane, 4-methyl-	142	C10H22	017301-94-9	59





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Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
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ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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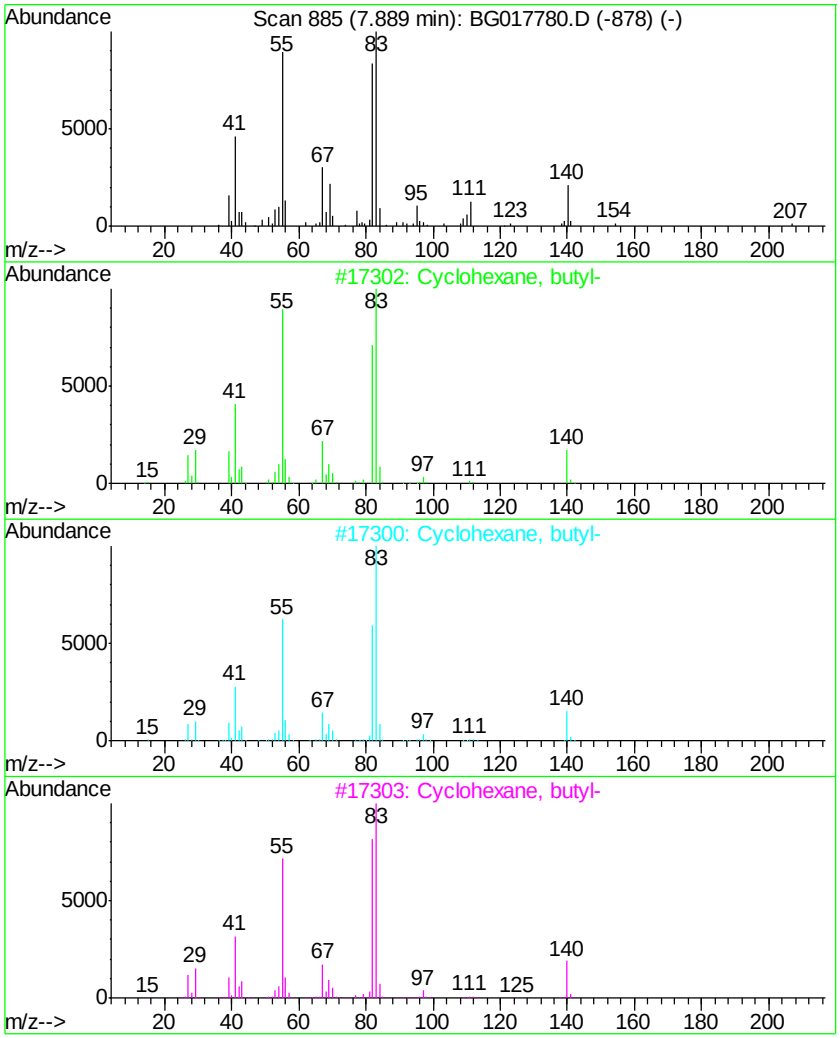
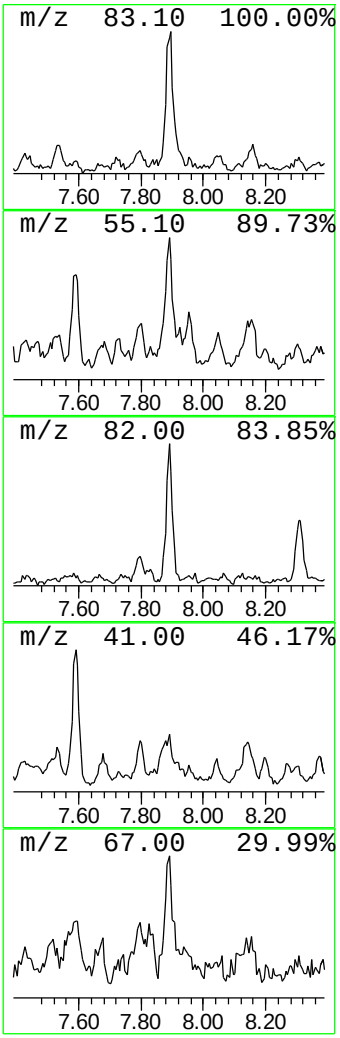
Peak Number 19 (DEL) Alkane: Cyclic7.89 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.89	3.29 ng/ul	179569	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	90
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	72
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	72





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Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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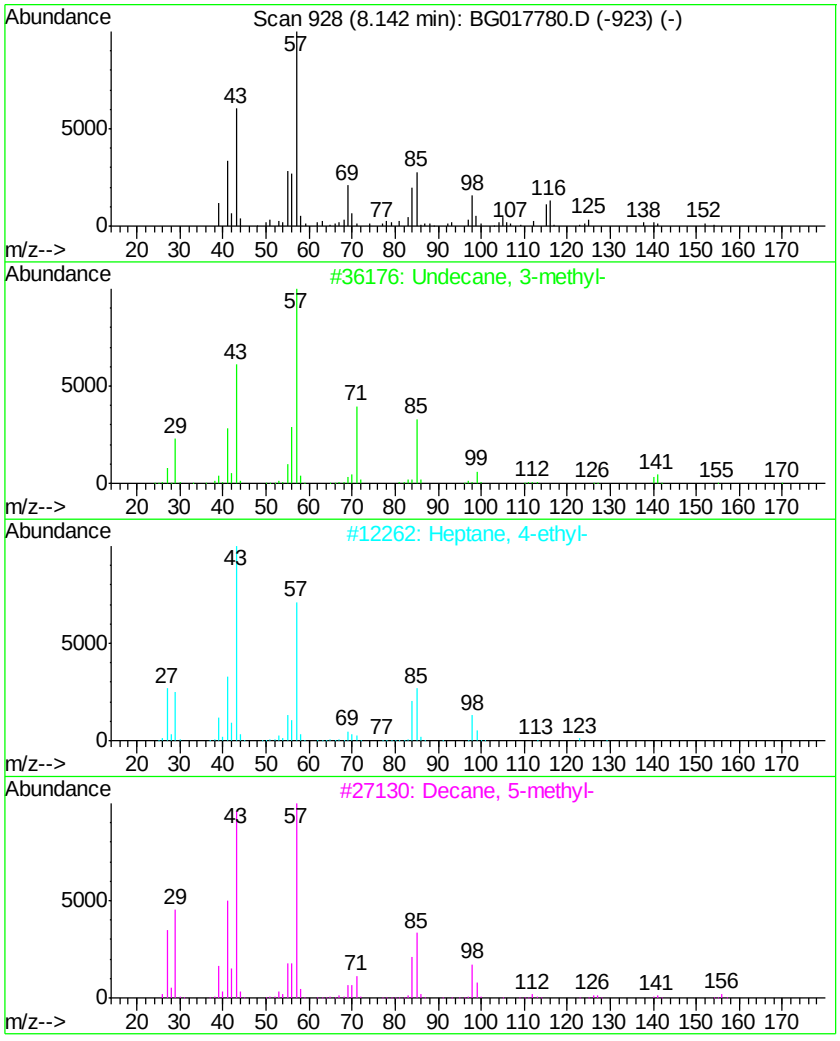
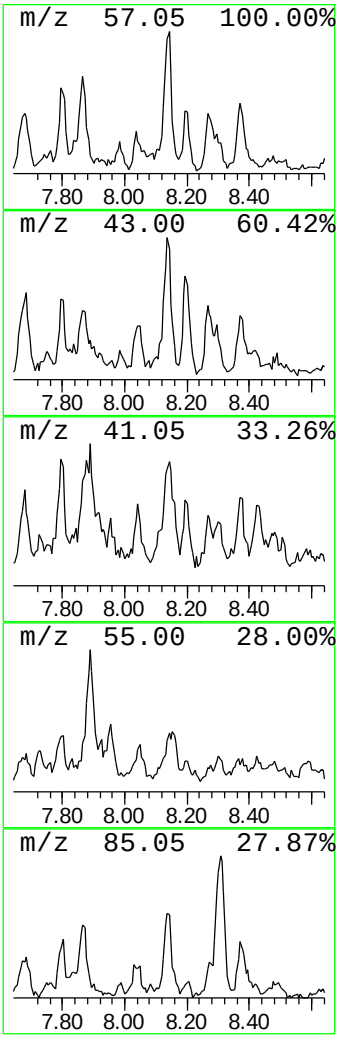
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	3.30 ng/ul	180102	1,4-Dichlorobenzene-d4	7.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-methyl-	170	C12H26	001002-43-3	43
2	Heptane, 4-ethyl-	128	C9H20	002216-32-2	42
3	Decane, 5-methyl-	156	C11H24	013151-35-4	42
4	Heptane, 4-ethyl-	128	C9H20	002216-32-2	42
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	38





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Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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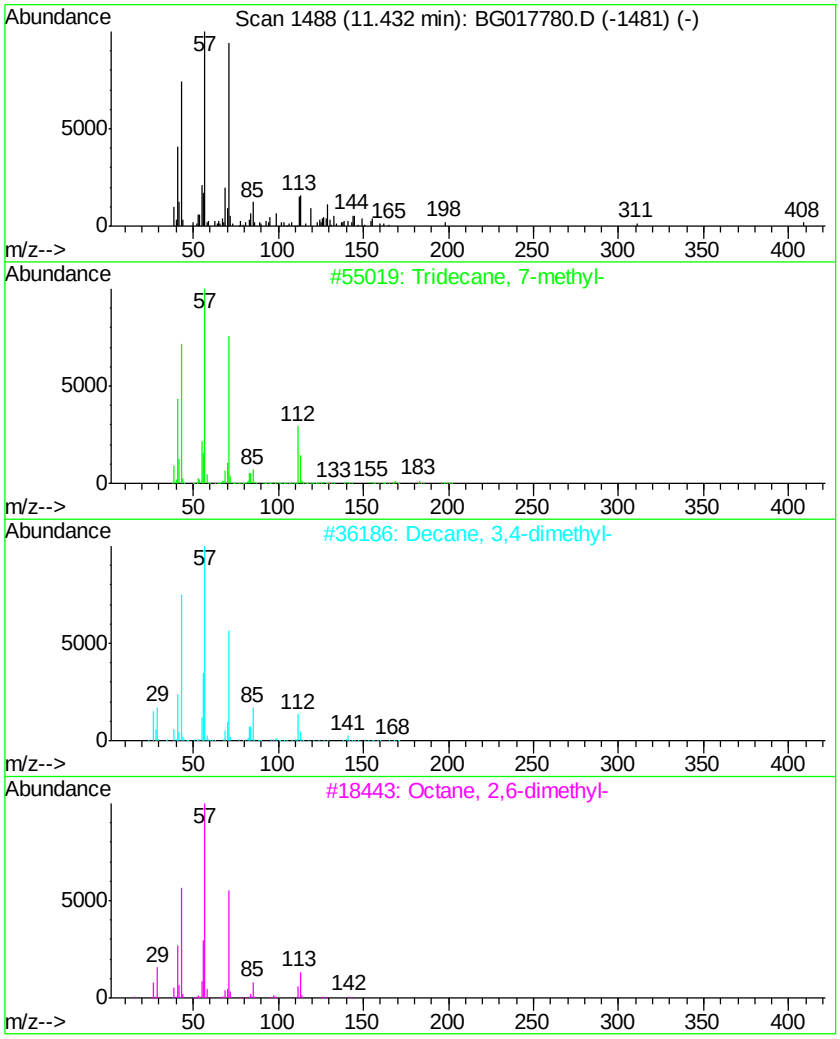
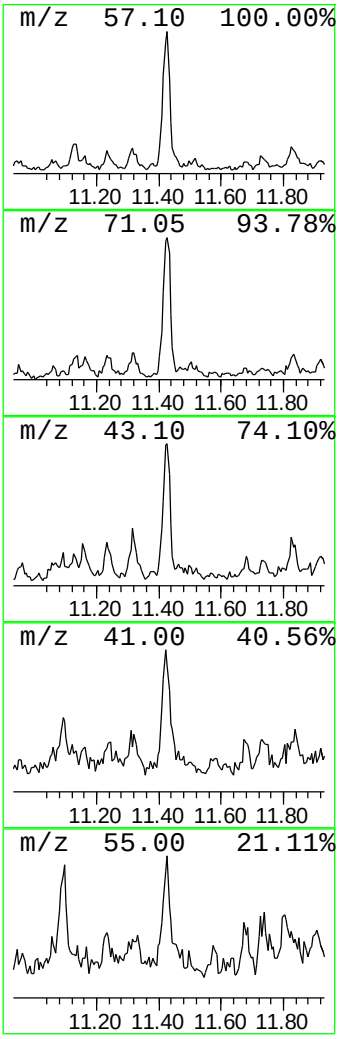
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	3.09 ng/ul	188372	Naphthalene-d8	10.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	86
2	Decane, 3,4-dimethyl-	170	C12H26	017312-45-7	72
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64





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ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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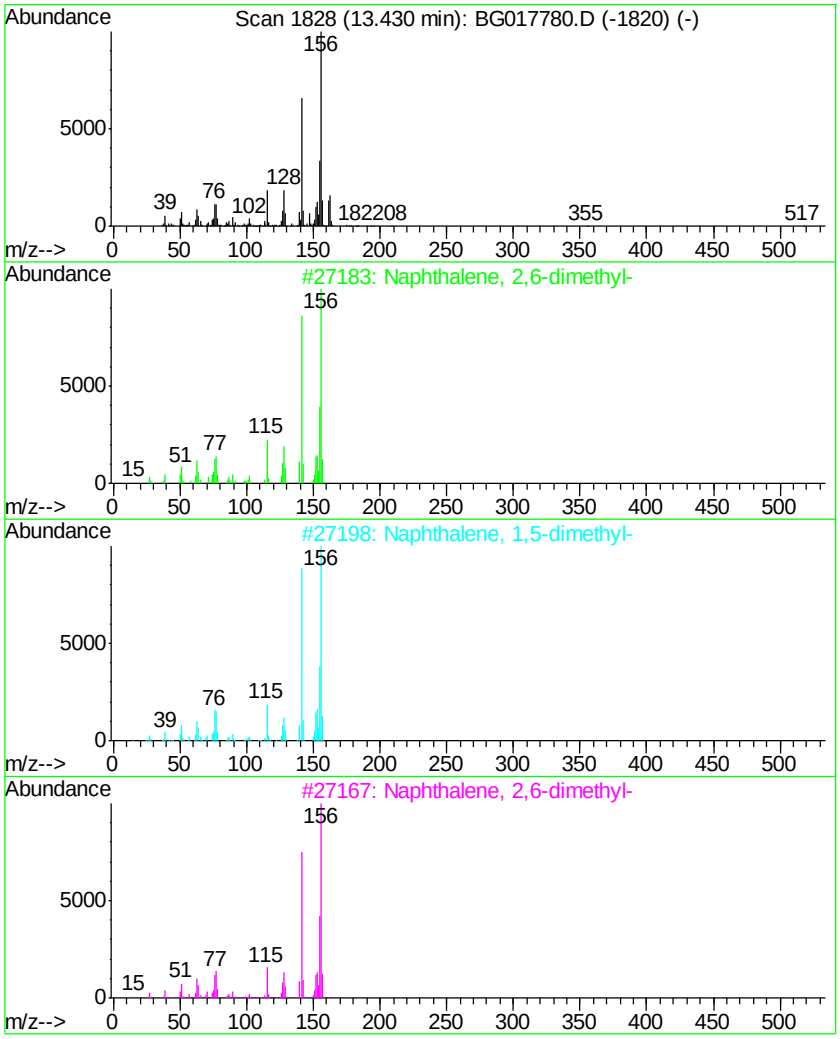
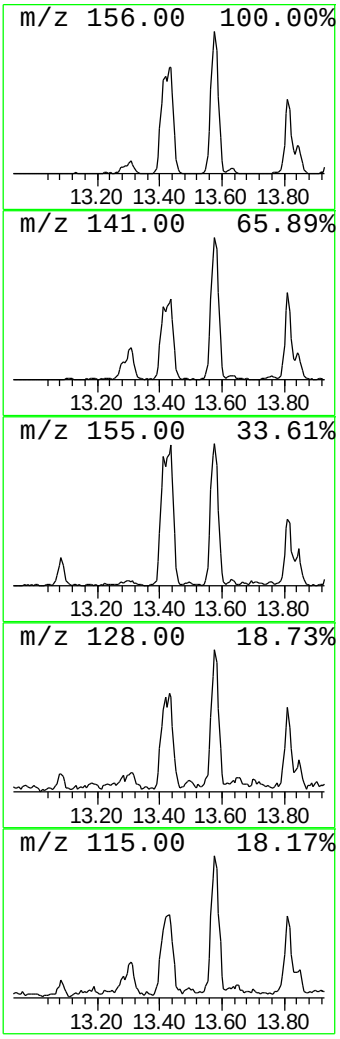
Peak Number 23 Naphthalene, 2,6-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	11.11 ng/ul	985261	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	98
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	98
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





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Acq On : 6 Jul 2015 21:54
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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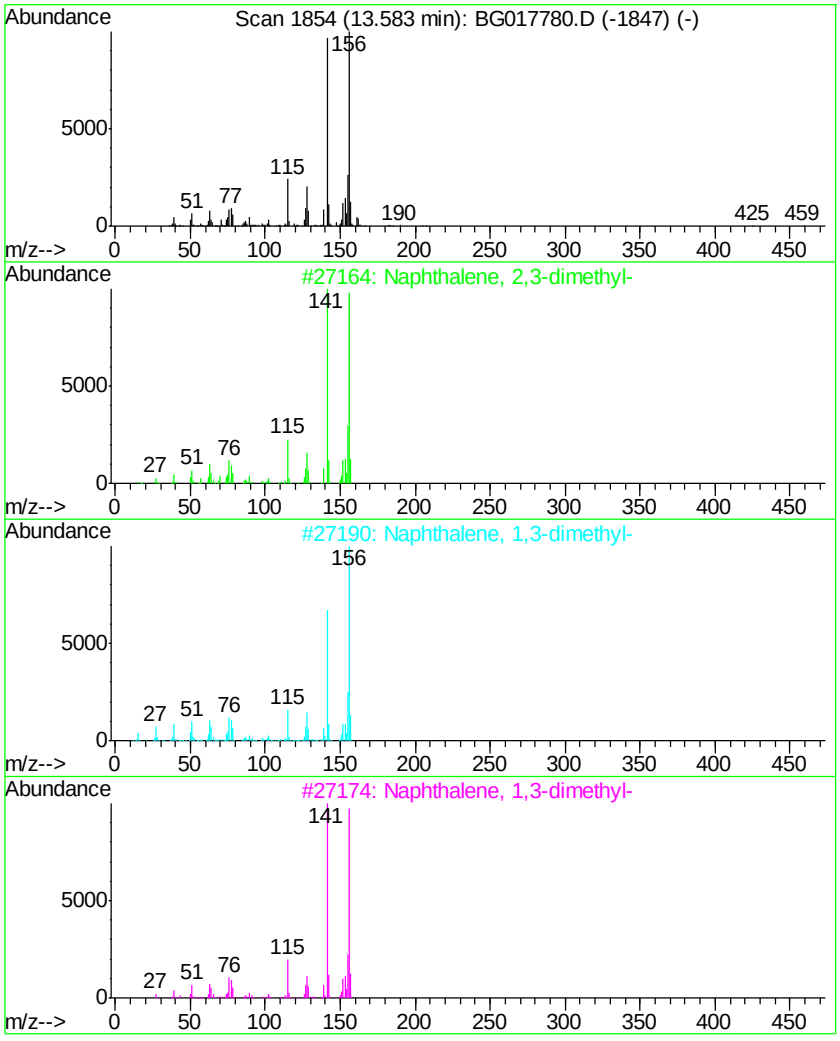
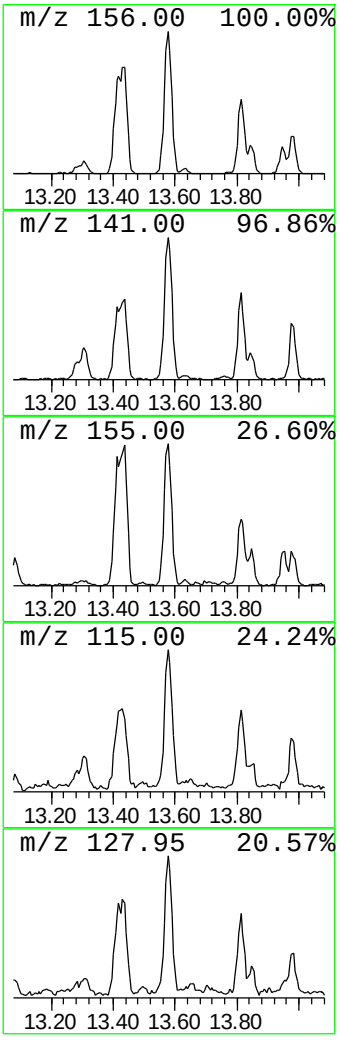
Peak Number 24 Naphthalene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	9.43 ng/ul	836461	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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Sample : G2860-12
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Instrument :
BNA_G
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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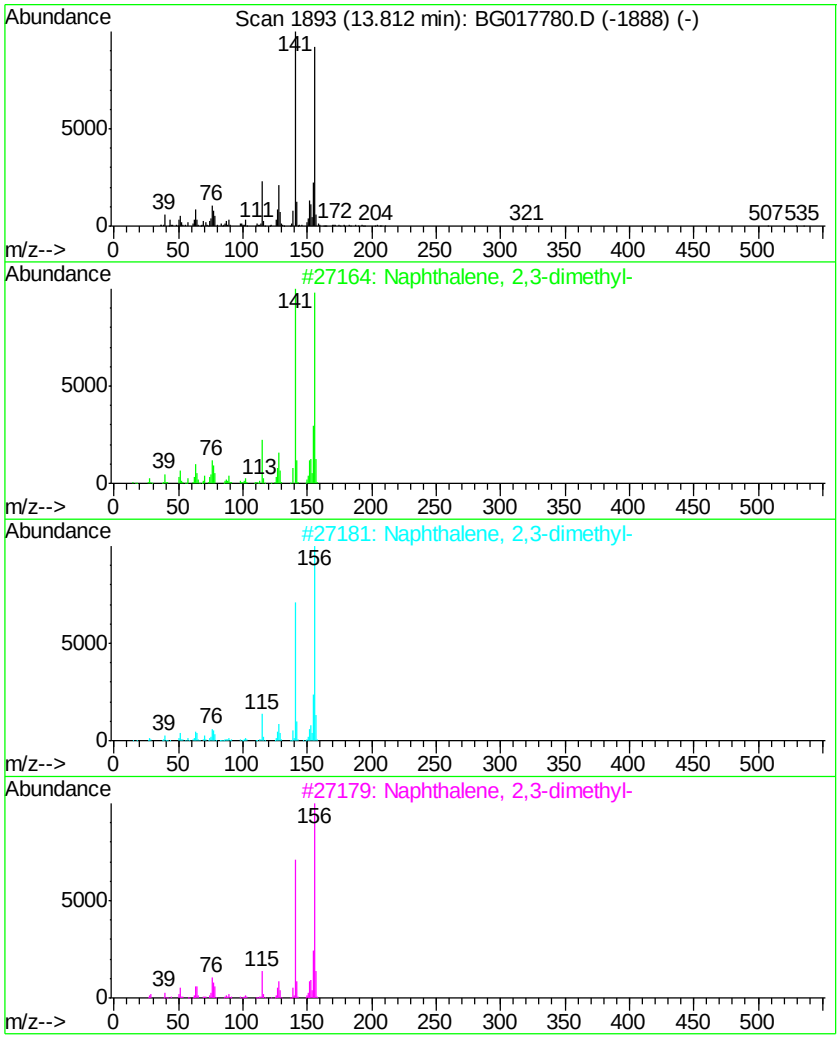
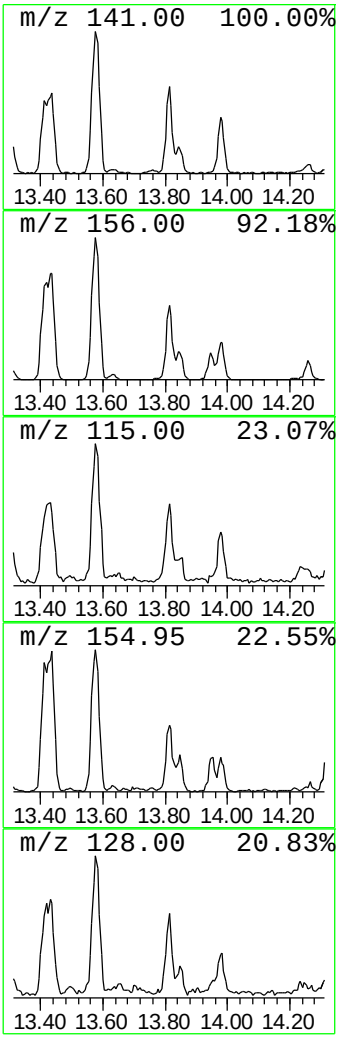
Peak Number 25 Naphthalene, 1,4-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.12 ng/ul	365499	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91





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Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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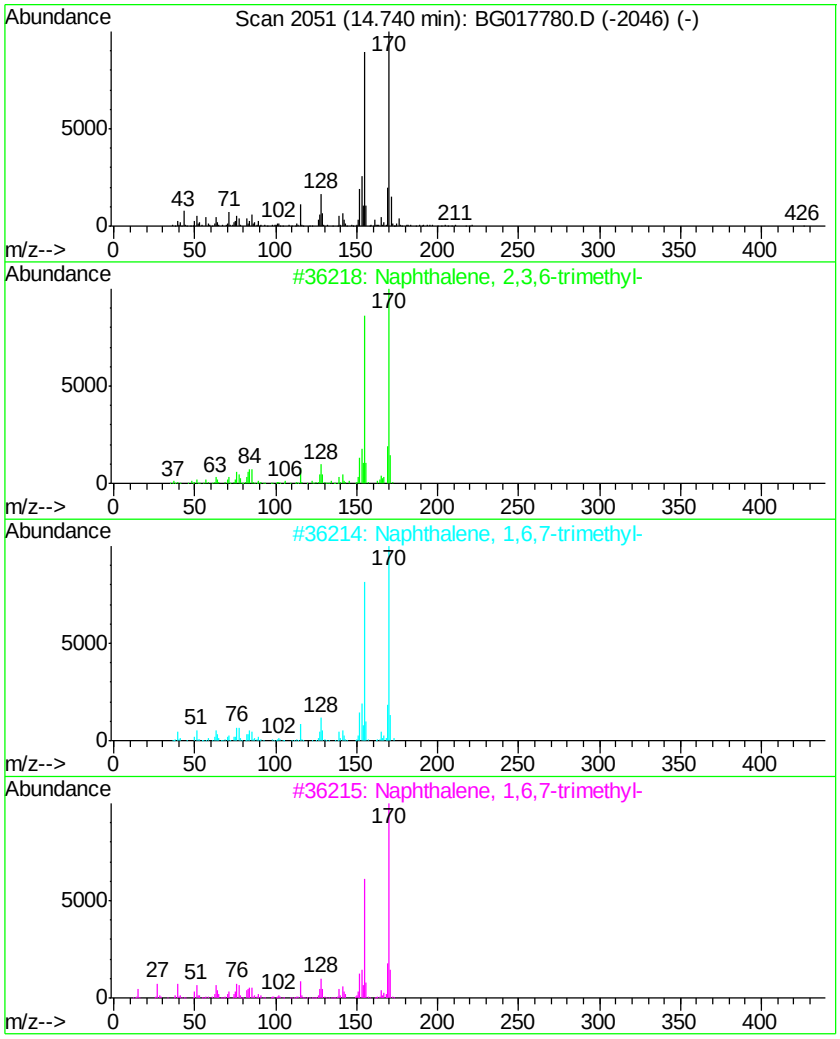
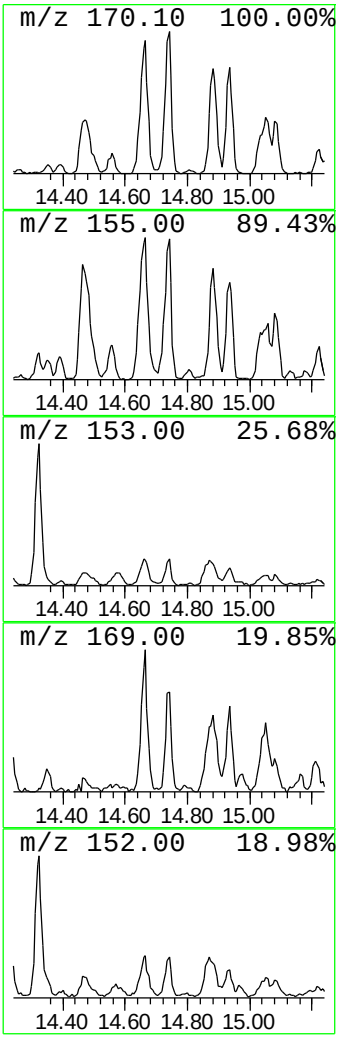
Peak Number 26 Naphthalene, 2,3,6-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.74	4.26 ng/ul	377762	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94





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Misc :
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Instrument :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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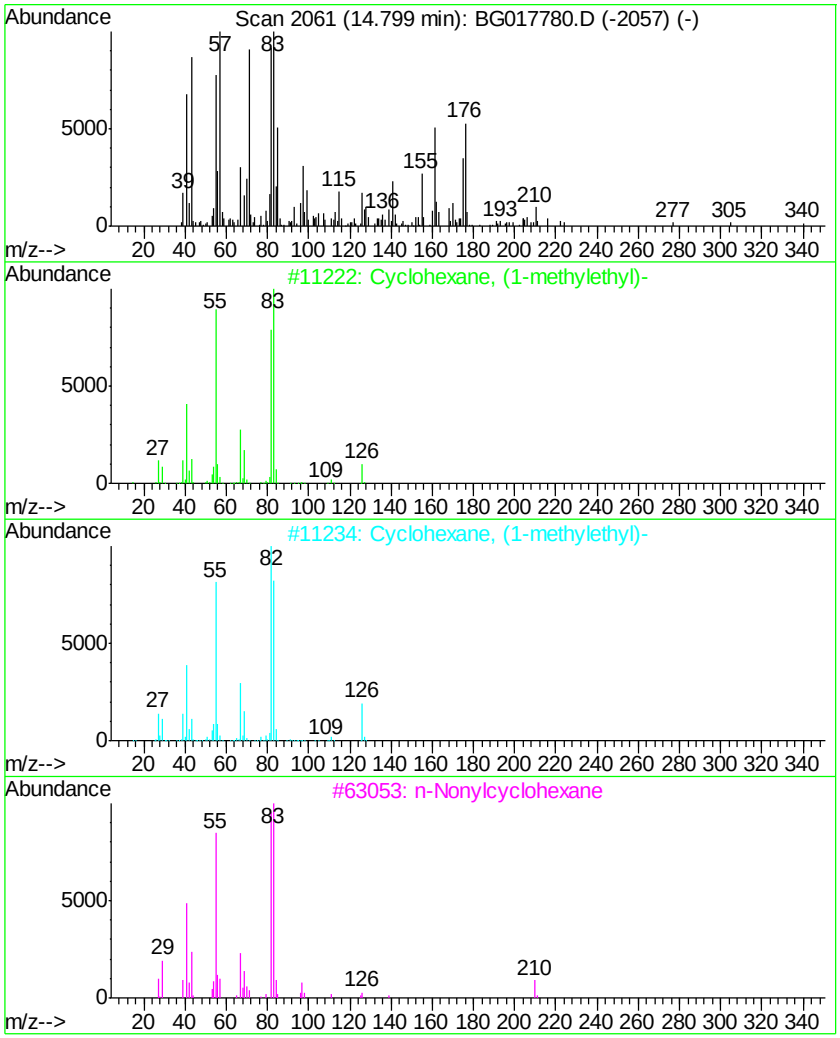
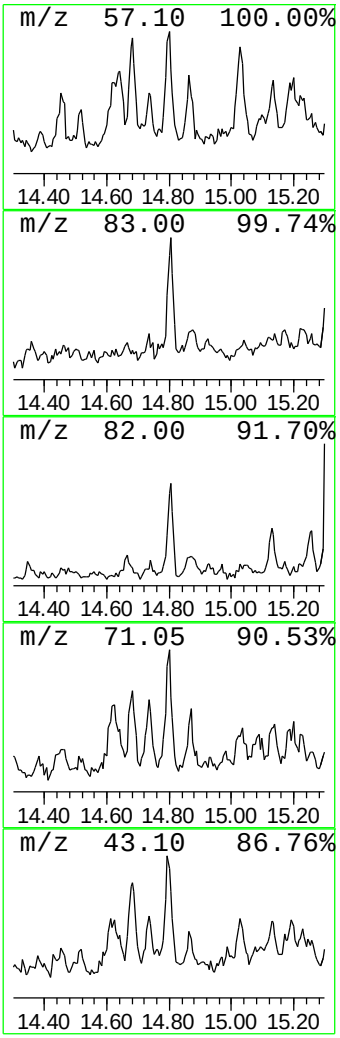
Peak Number 27 (DEL) Alkane: Cyclic14.80 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.83 ng/ul	250623	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
3	n-Nonylcyclohexane	210	C15H30	002883-02-5	38
4	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	38
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	30





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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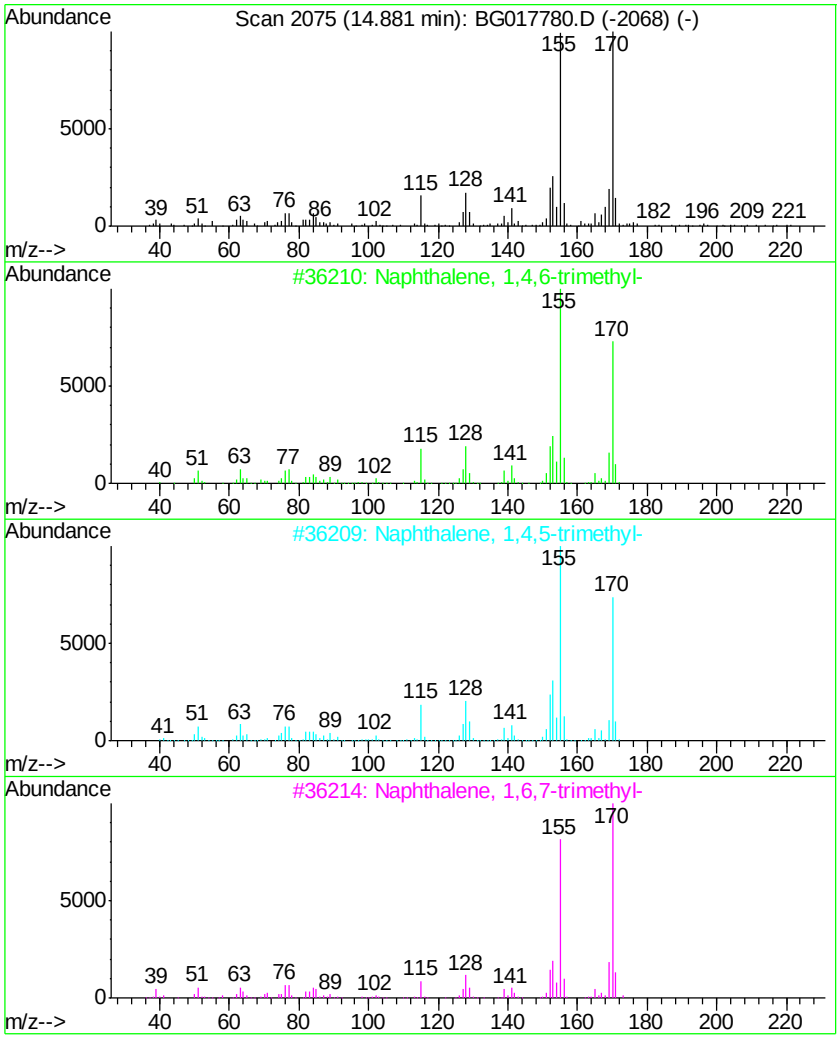
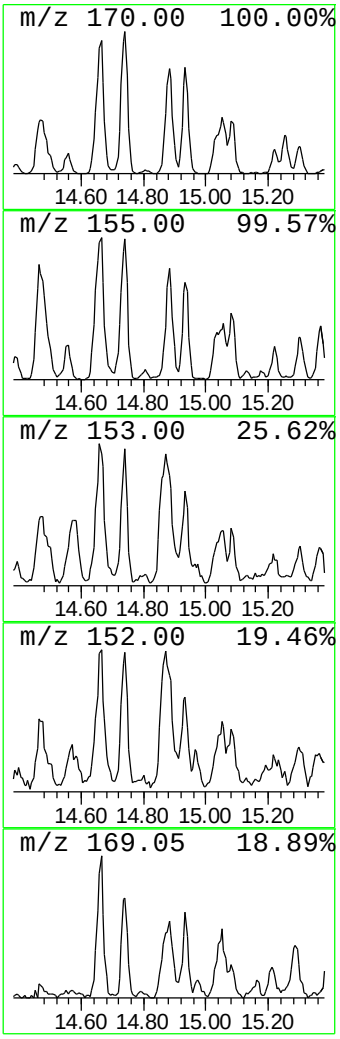
Peak Number 28 Naphthalene, 1,4,6-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.88	6.28 ng/ul	556731	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
2	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	93
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	93
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





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ALS Vial : 11 Sample Multiplier: 1

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ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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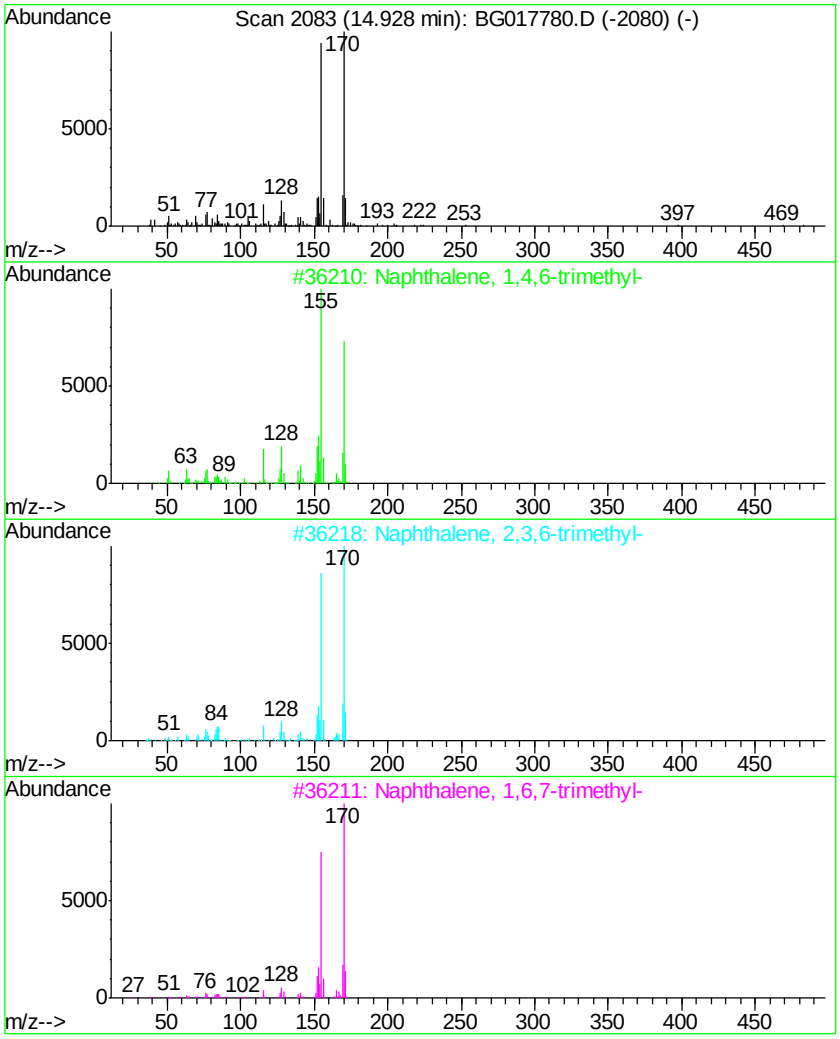
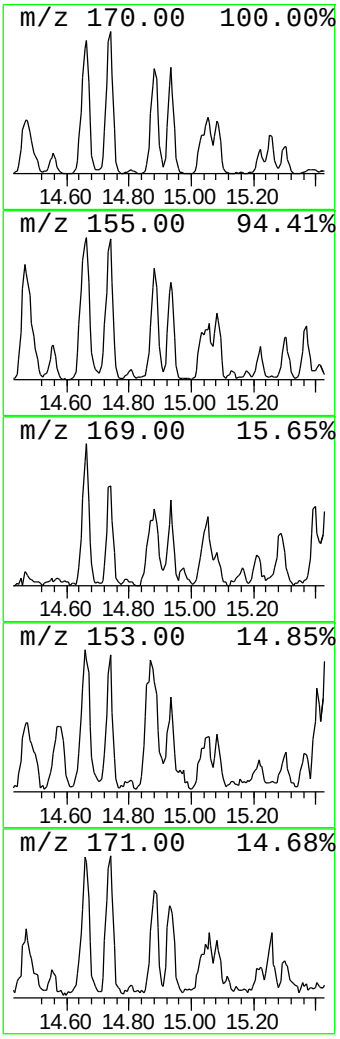
Peak Number 29 Naphthalene, 1,6,7-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.93	2.78 ng/ul	246807	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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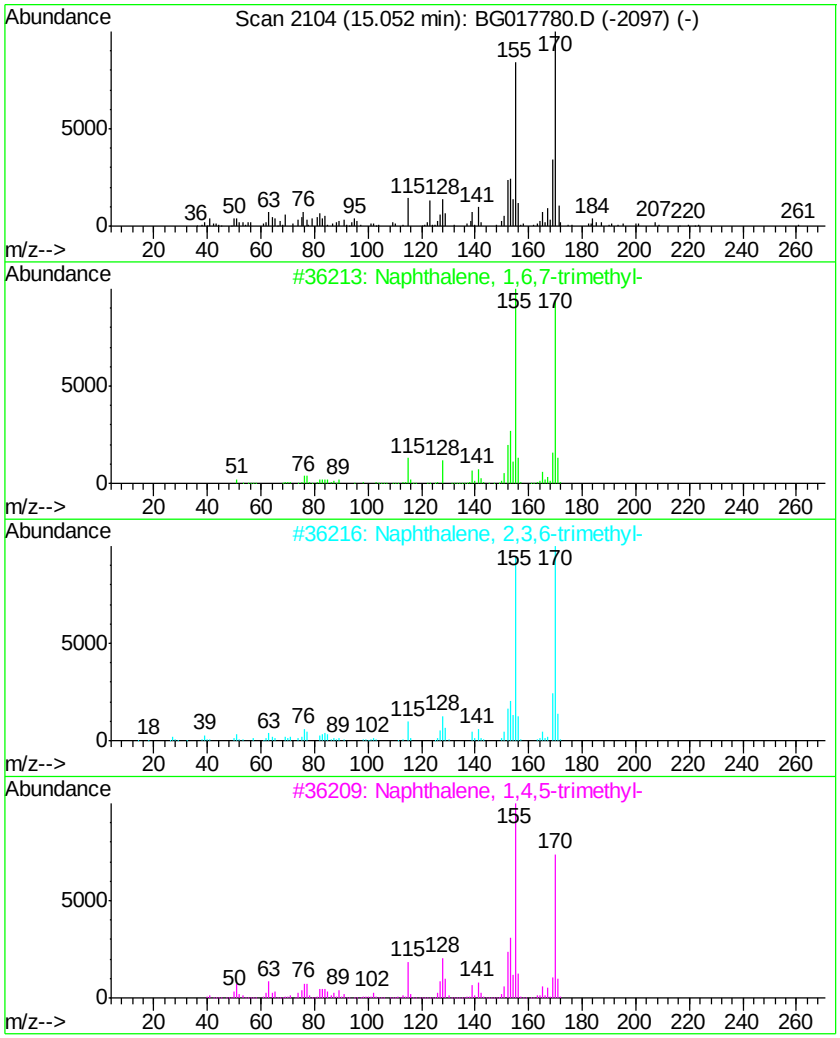
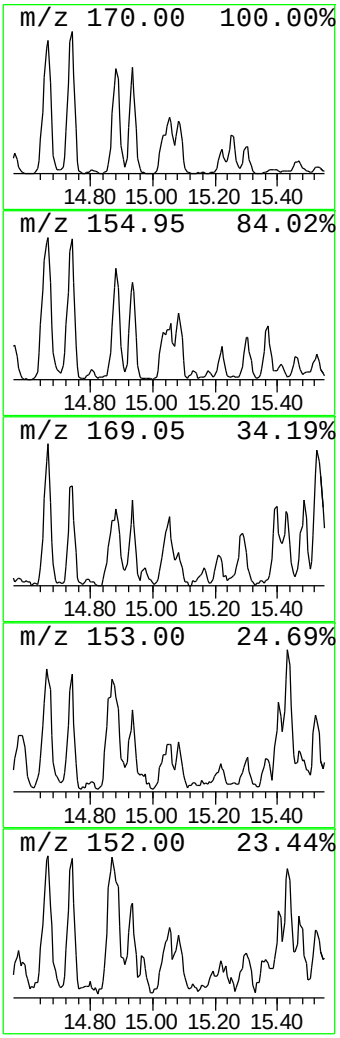
Peak Number 30 Naphthalene, 1,4,5-trimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.05	3.31 ng/ul	293542	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
3	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	95
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91





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Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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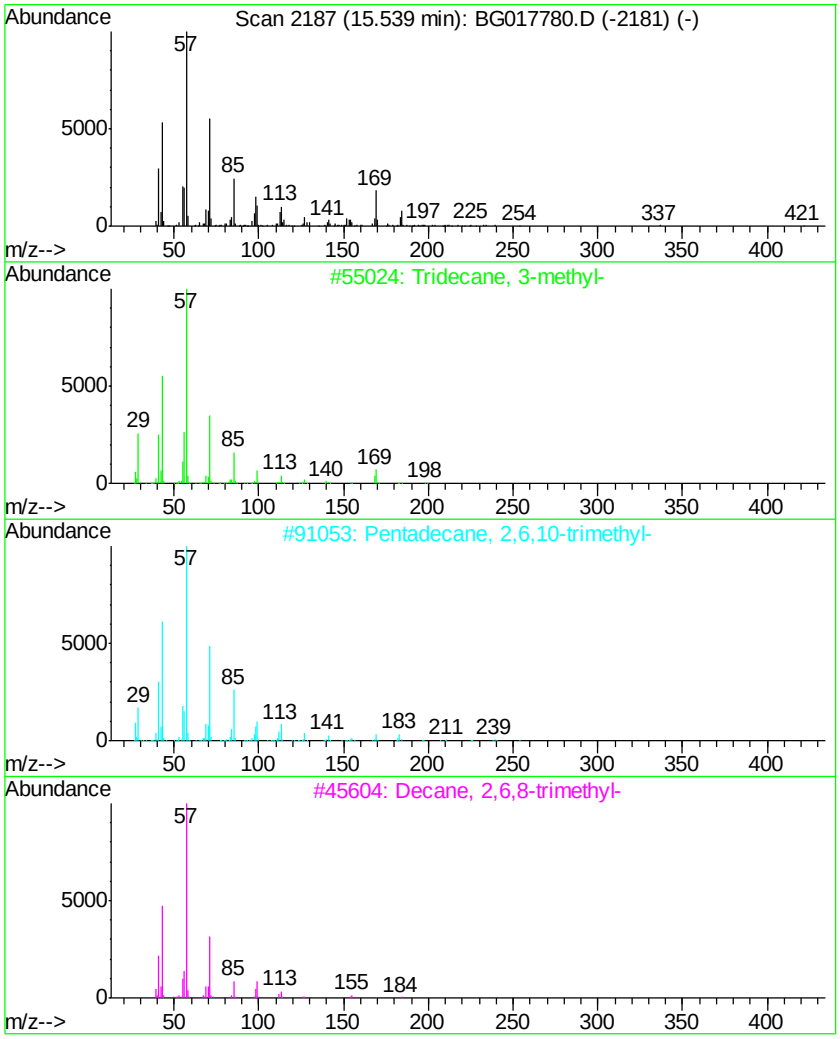
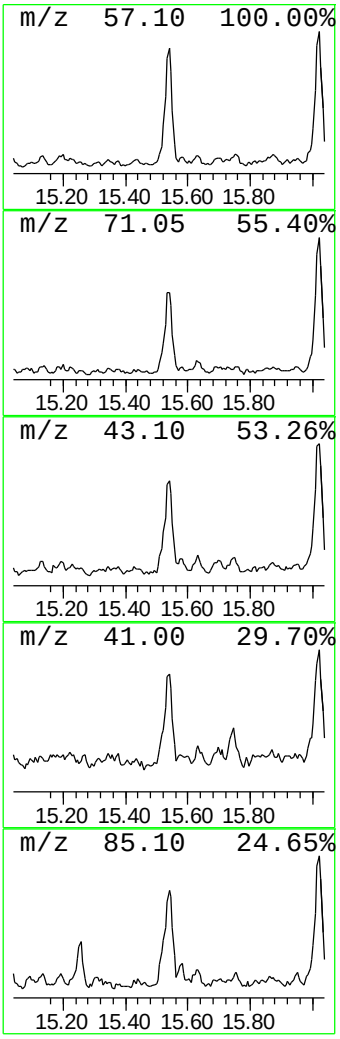
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	6.29 ng/ul	557424	Acenaphthene-d10	14.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	83
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	80
3	Decane, 2,6,8-trimethyl-	184	C13H28	062108-26-3	76
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	74
5	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72





Library Search Compound Report

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Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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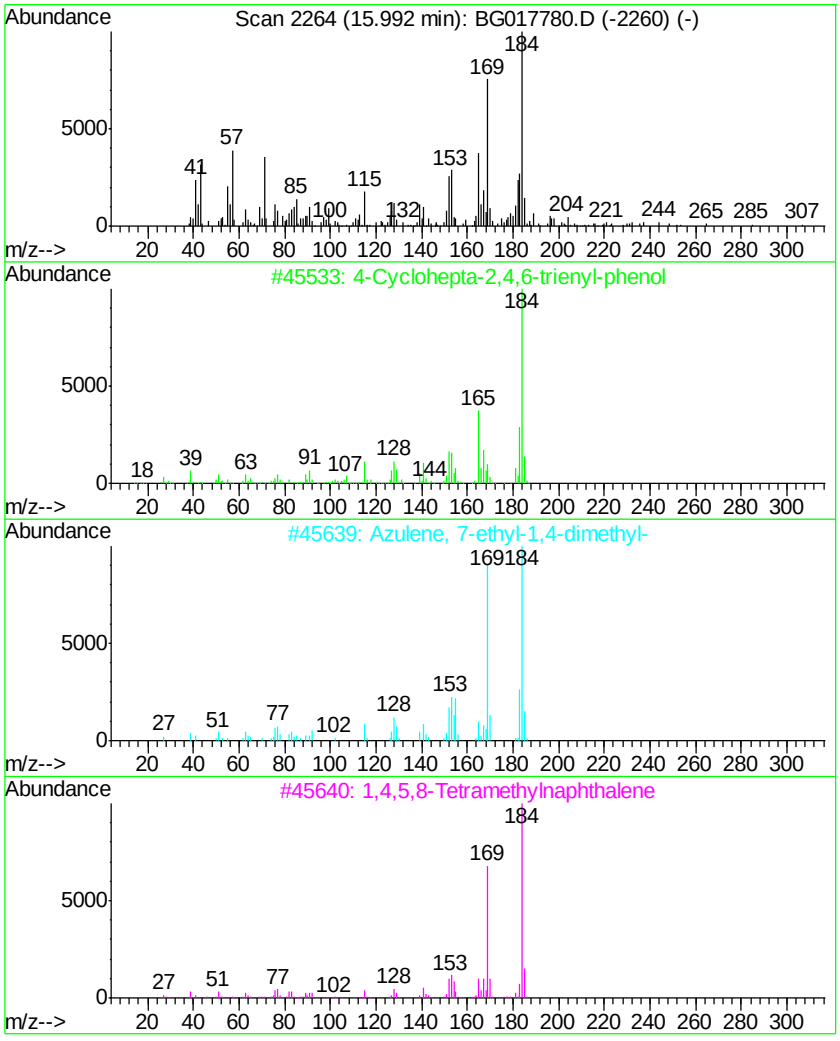
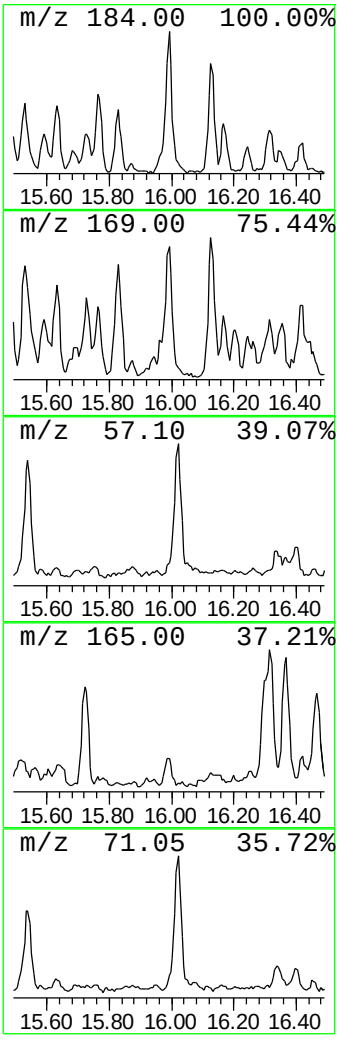
Peak Number 32 4-Cyclohepta-2,4,6-trienyl-... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.99	2.56 ng/ul	248587	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	90
2	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	76
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	62
4	1,2-Benzenediamine, N-phenyl-	184	C12H12N2	000534-85-0	58
5	Naphthalene, 1,2,3,4-tetramethyl-	184	C14H16	003031-15-0	58





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Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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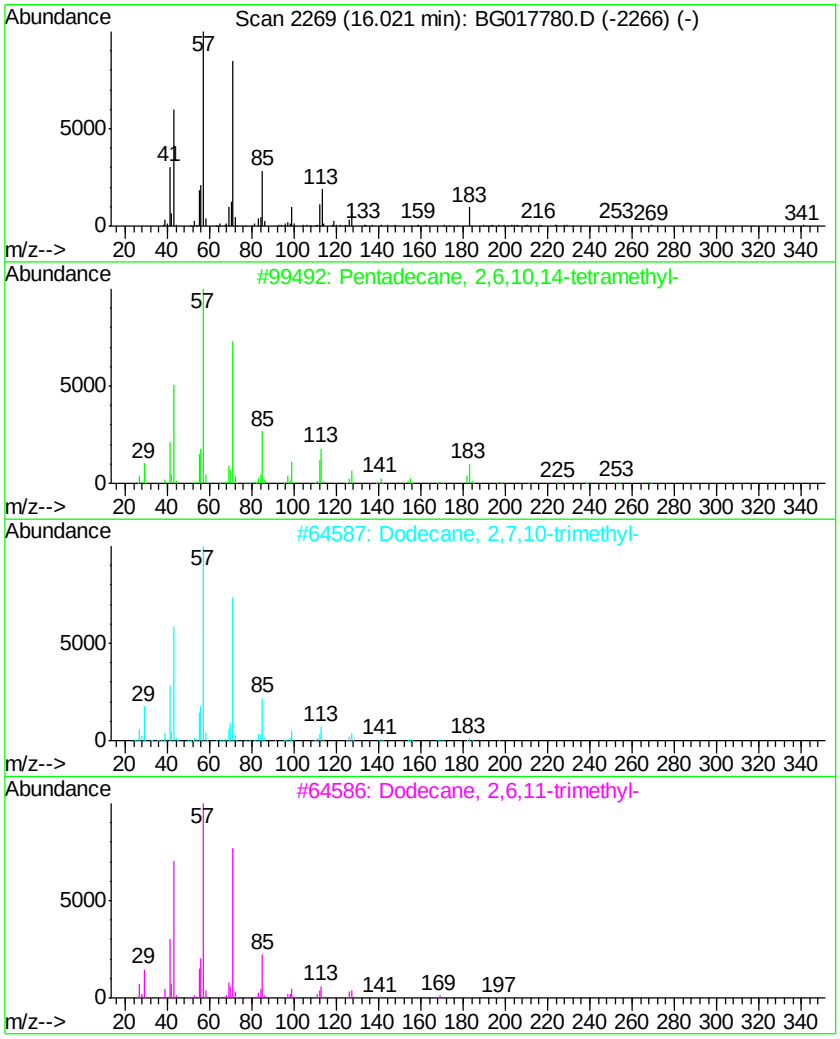
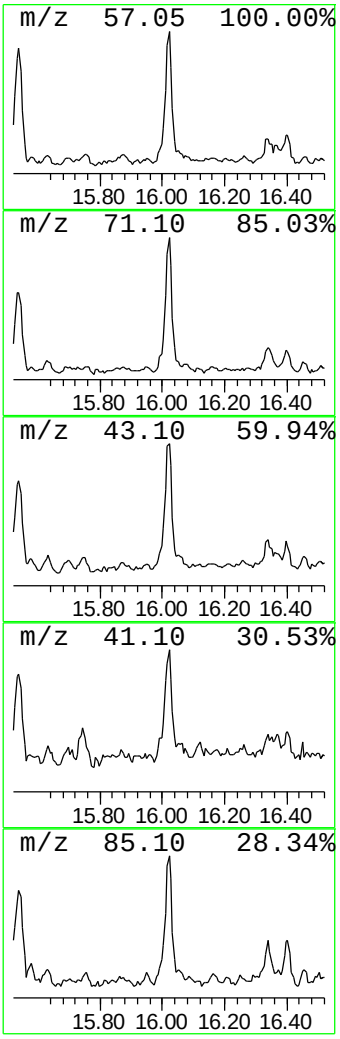
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.02	4.53 ng/ul	438944	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	80
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	72





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Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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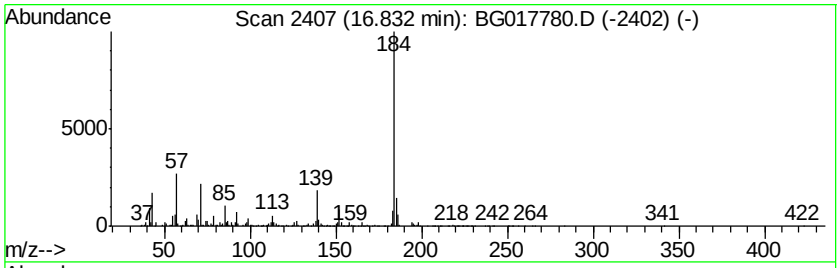
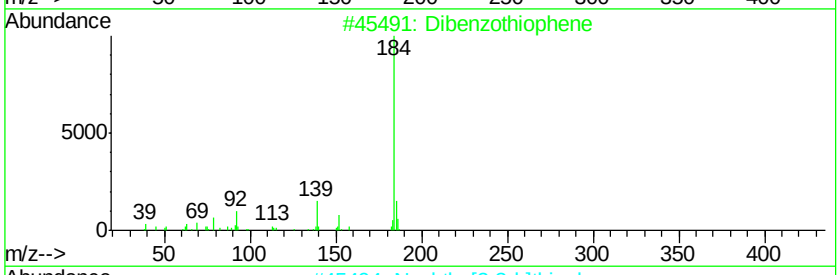
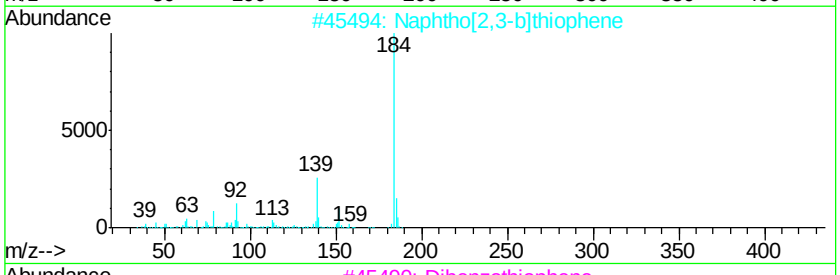
Peak Number 34 Dibenzothiophene Concentration Rank 4

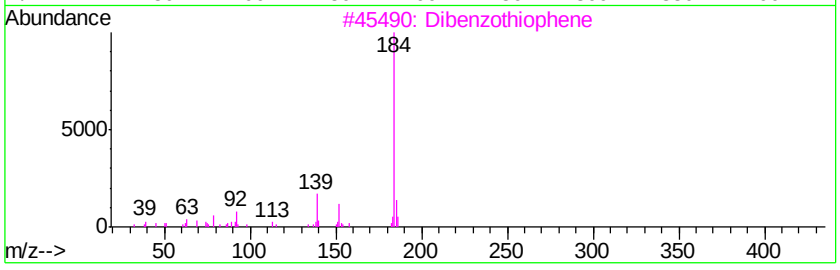
R.T.	EstConc	Area	Relative to ISTD	R.T.
16.83	10.90 ng/ul	1056670	Phenanthrene-d10	17.01

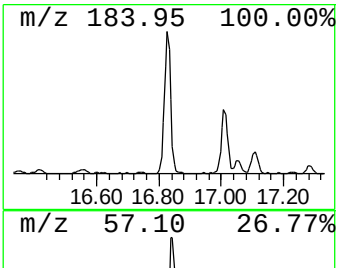
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Dibenzothiophene	184	C12H8S	000132-65-0	93
4	Dibenzothiophene	184	C12H8S	000132-65-0	76
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	68

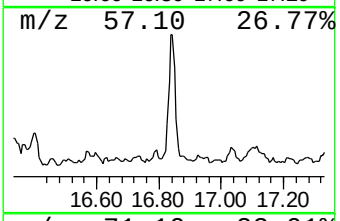


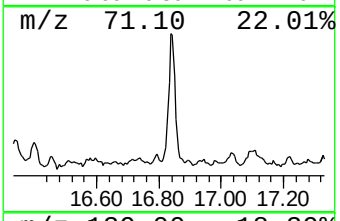


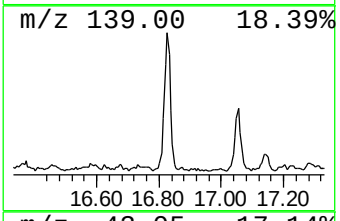


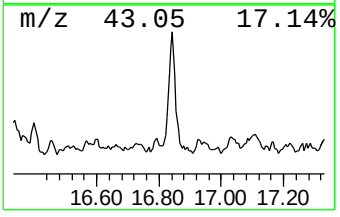












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Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

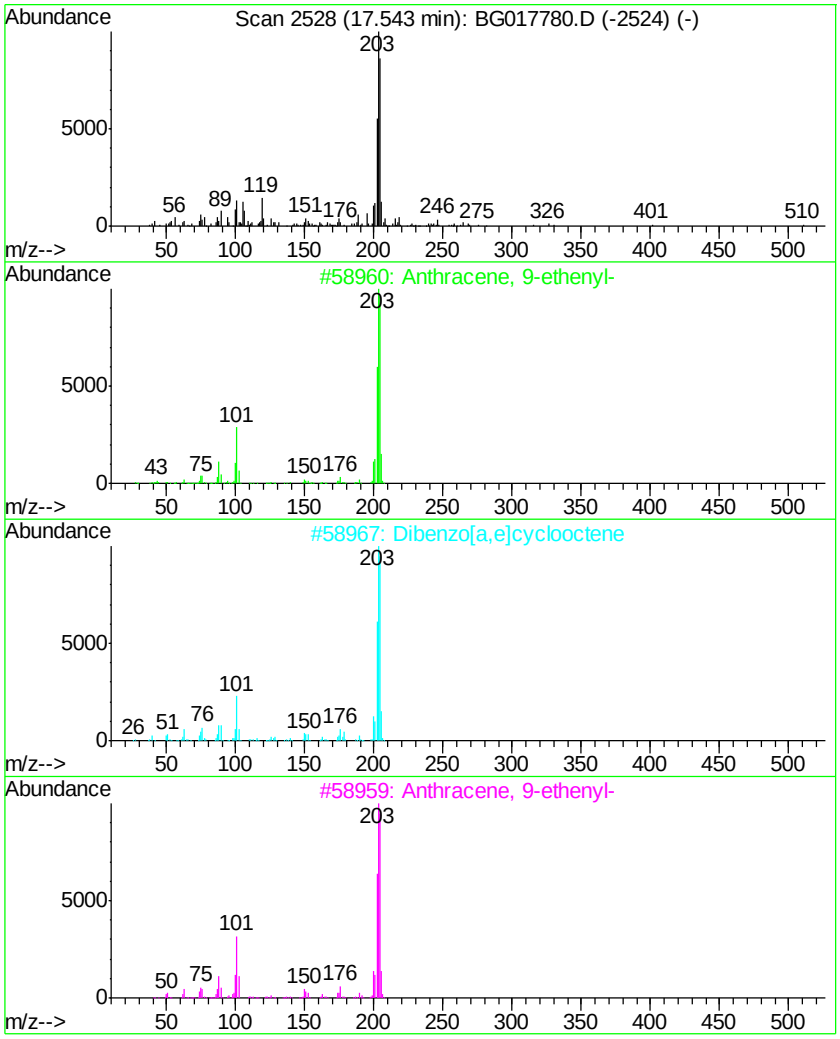
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

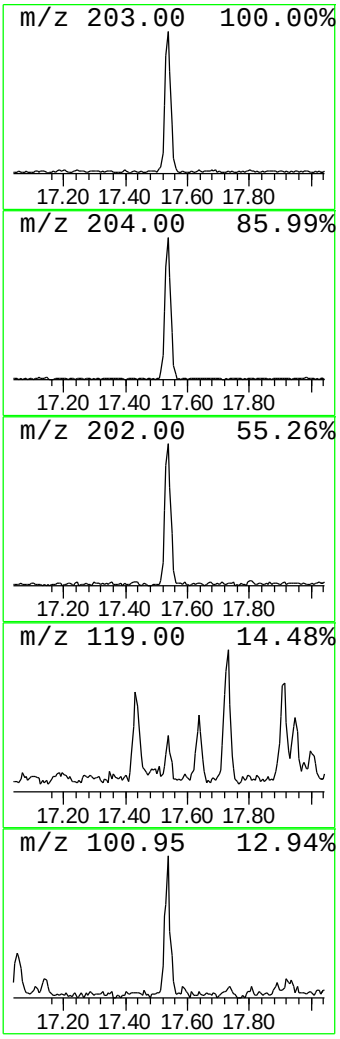
****

Peak Number 35 Anthracene, 9-ethenyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.54	2.02 ng/ul	195723	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	76
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
4	Cyclobuta[1'',2'':3,4;3'',4'':3'...	204	C16H12	006574-36-3	76
5	1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	68





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Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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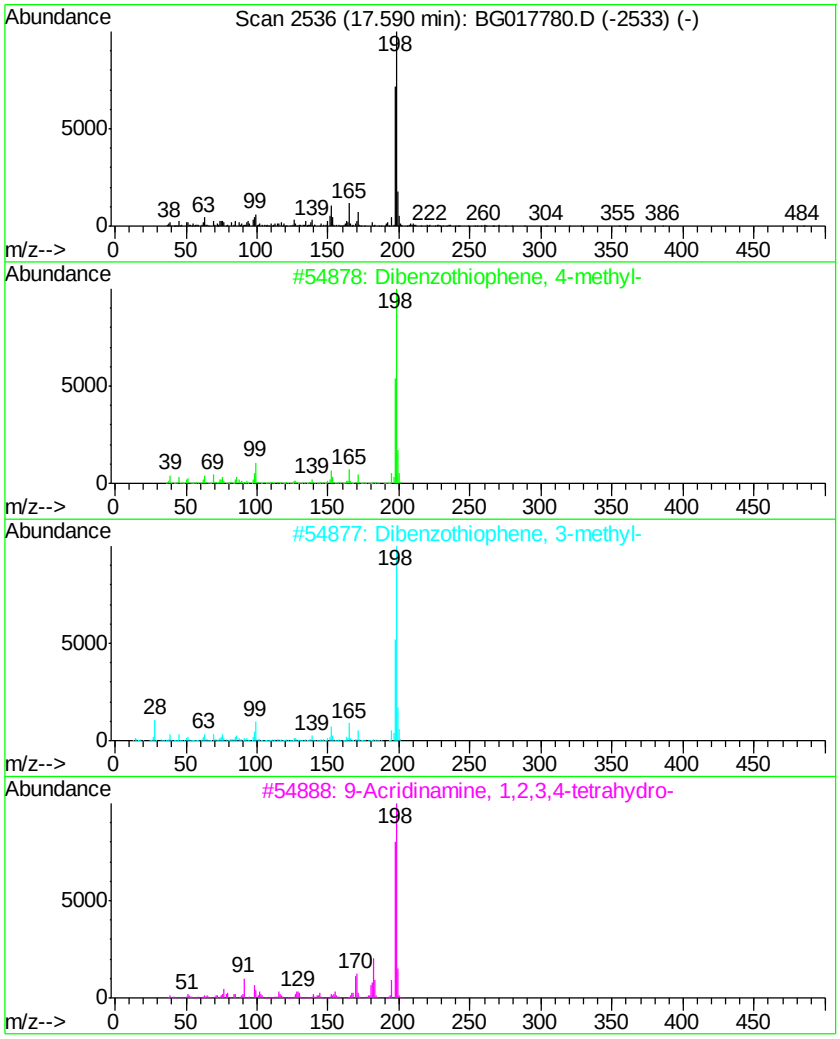
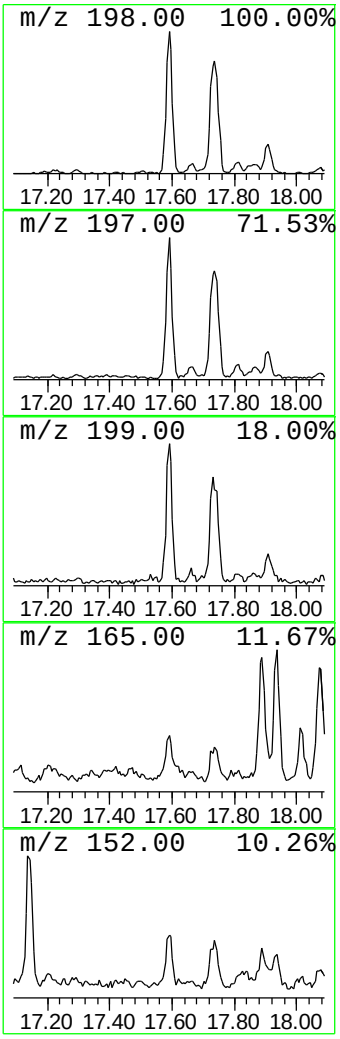
Peak Number 36 Dibenzothiophene, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.59	3.38 ng/ul	328161	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	83
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	64
4	Benzeneacetonitrile, 4-(1,2,3,6-...	198	C13H14N2	1000115-51-2	64
5	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	64





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Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
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ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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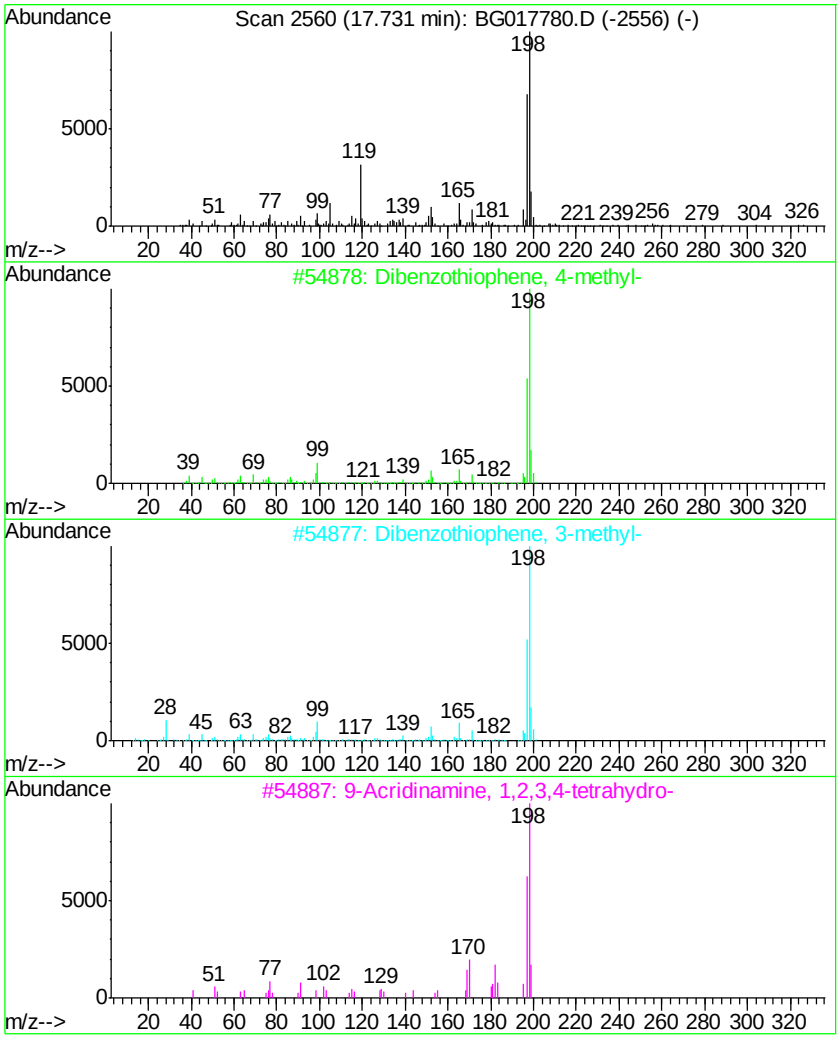
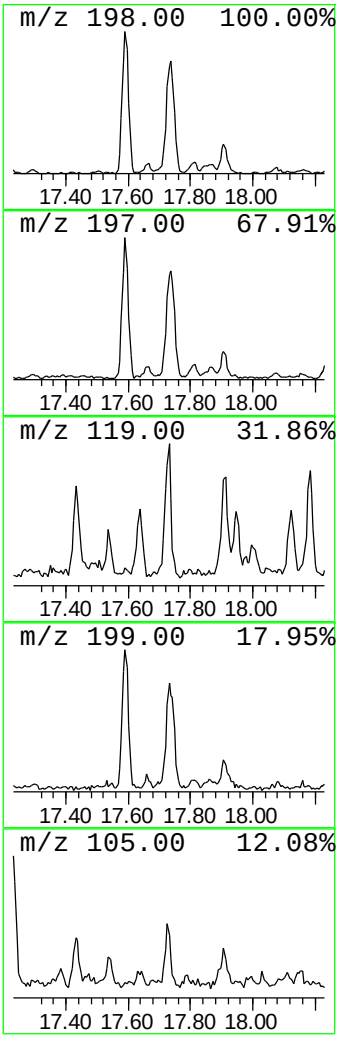
Peak Number 37 Dibenzothiophene, 3-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	4.97 ng/ul	481794	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	90
3	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	53
4	9-Acridinamine, 1,2,3,4-tetrahydro-	198	C13H14N2	000321-64-2	53
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	53





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ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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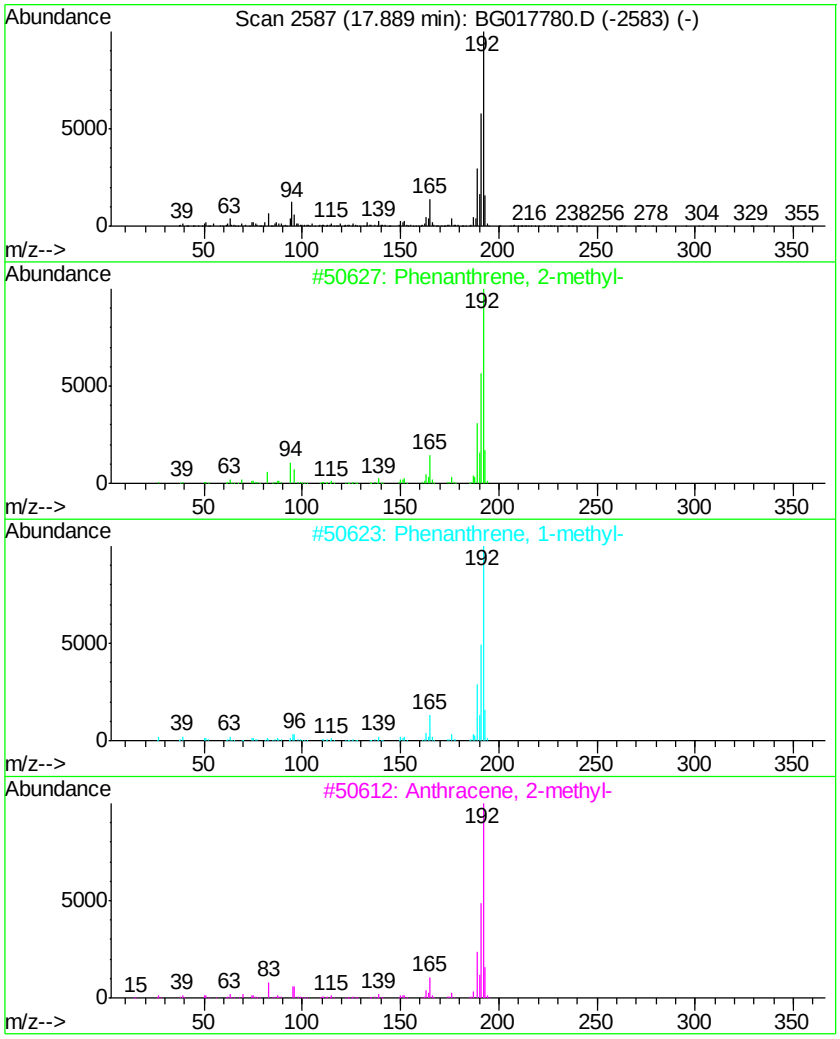
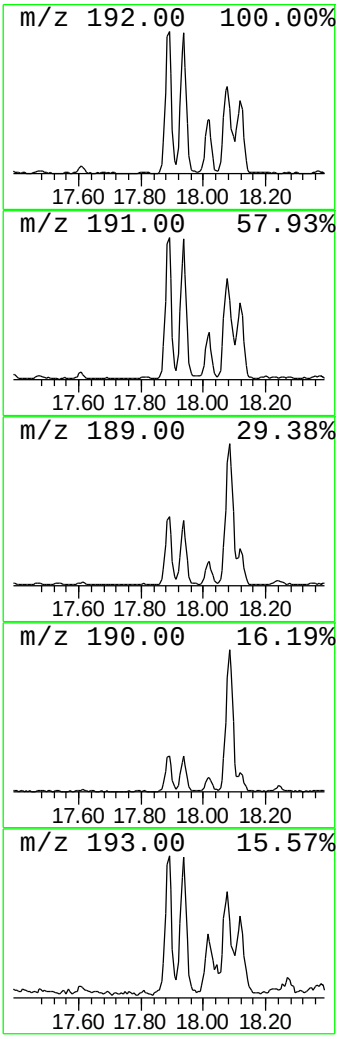
Peak Number 38 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.89	9.30 ng/ul	901806	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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ClientSampleId :

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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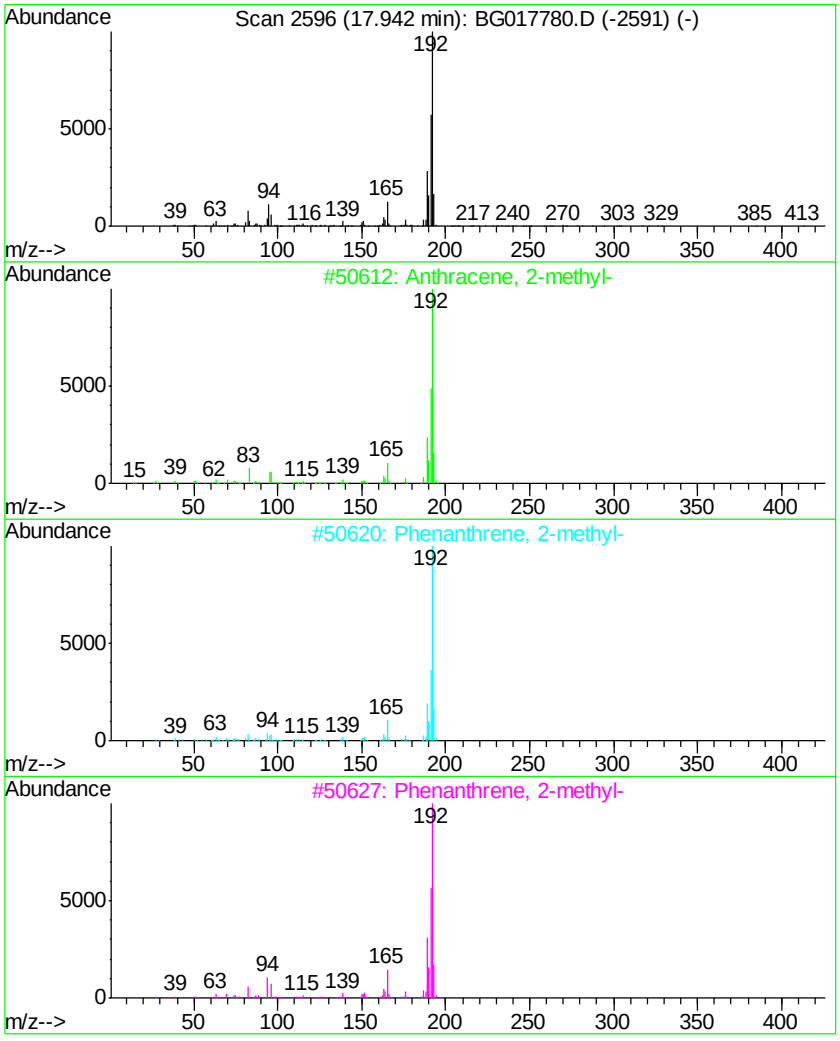
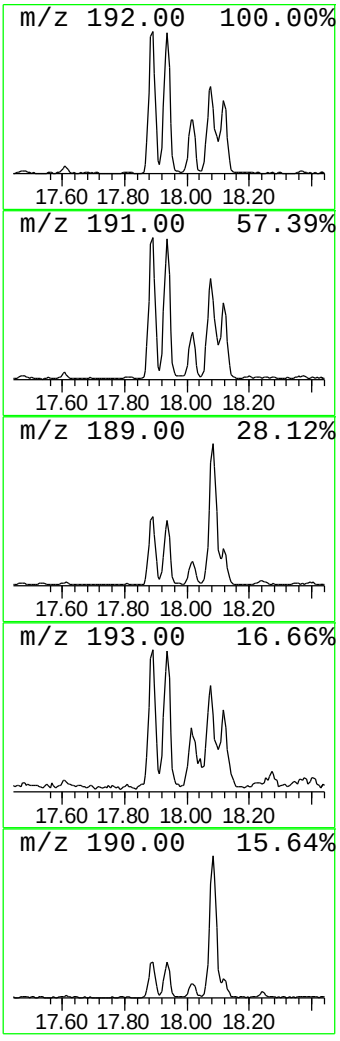
Peak Number 39 Anthracene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	10.76 ng/ul	1043460	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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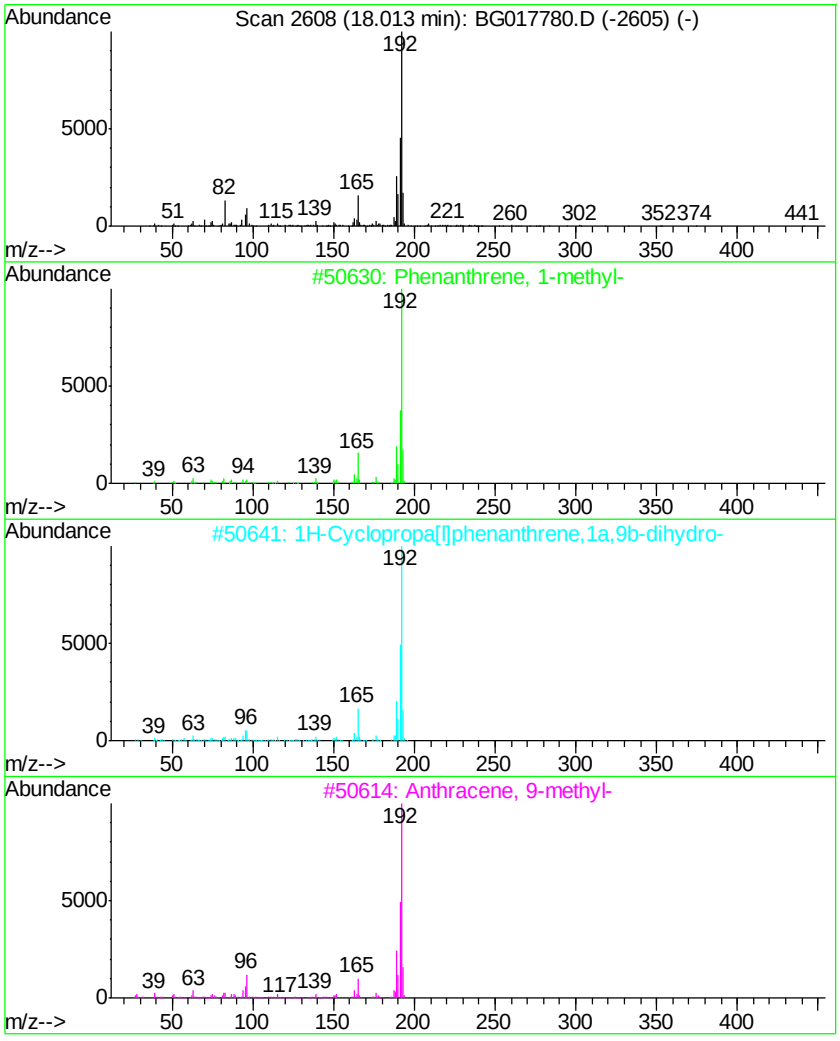
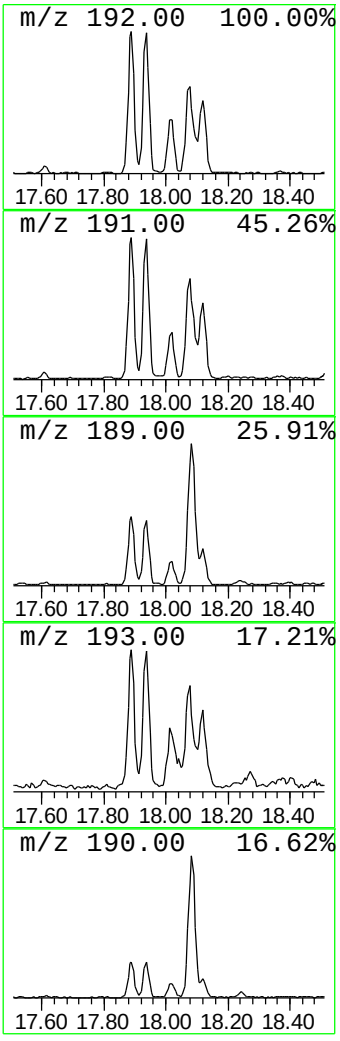
Peak Number 40 Phenanthrene, 1-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.01	3.04 ng/ul	294611	Phenanthrene-d10	17.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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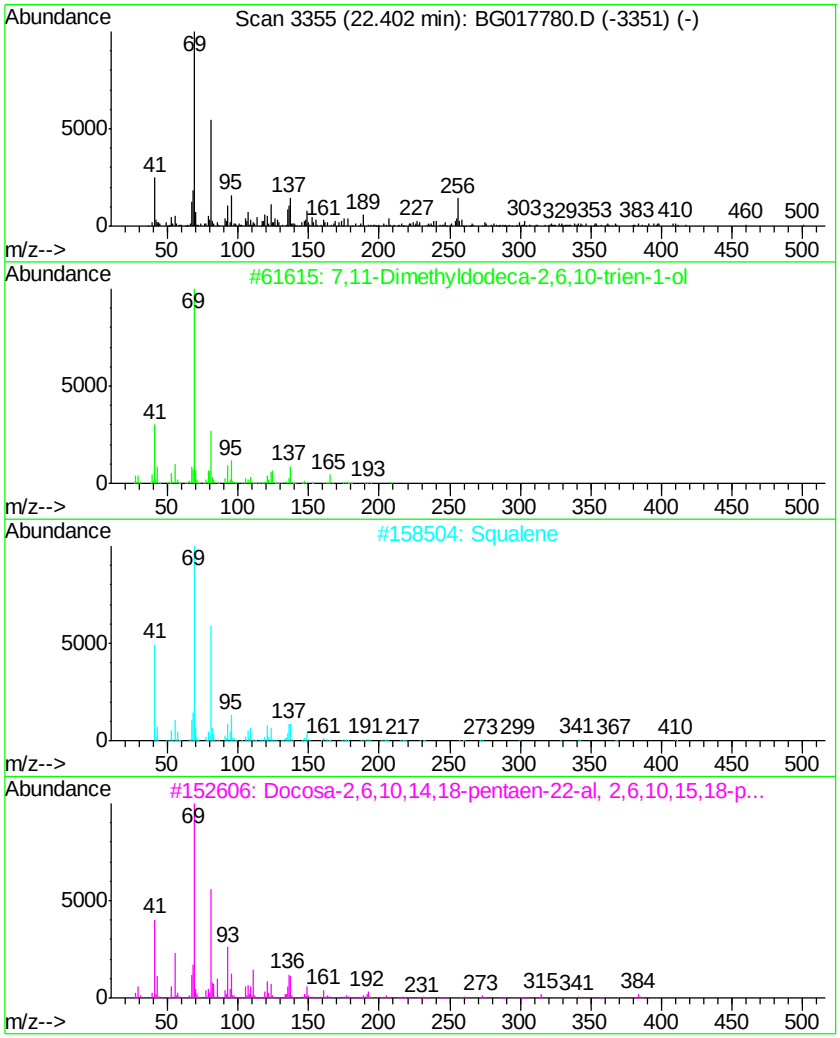
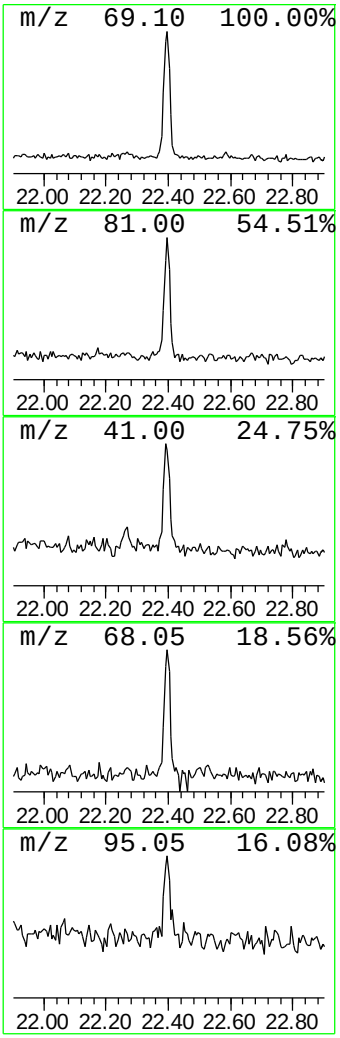
Peak Number 49 7,11-Dimethyldodeca-2,6,10-... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.40	2.24 ng/ul	219764	Perylene-d12	23.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,11-Dimethyldodeca-2,6,10-trien...	208	C14H24O	125529-10-4	87
2	Squalene	410	C30H50	007683-64-9	83
3	Docosa-2,6,10,14,18-pentaen-22-a...	384	C27H44O	1000163-04-7	72
4	1,5,9-Undecatriene, 2,6,10-trime...	192	C14H24	062951-96-6	68
5	2,6,10,14-Hexadecatetraenoic aci...	332	C22H36O2	024035-35-6	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017780.D
Acq On : 6 Jul 2015 21:54
Operator : TP/UM
Sample : G2860-12
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId :

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	2.88	48.8	ng/ul	2664480	1	7.61	1091650	20.0
Heptane, 2,6-dime...	4.59	3.2	ng/ul	172856	1	7.61	1091650	20.0
Heptane, 2,5-dime...	4.68	3.0	ng/ul	162469	1	7.61	1091650	20.0
unknown-01	4.75	2.1	ng/ul	112866	1	7.61	1091650	20.0
(DEL) Alkane: Cyc...	4.84	3.2	ng/ul	172707	1	7.61	1091650	20.0
(DEL) Alkane: Cyc...	5.08	5.7	ng/ul	312039	1	7.61	1091650	20.0
(DEL) Alkane: Cyc...	5.51	2.4	ng/ul	128195	1	7.61	1091650	20.0
(DEL) Alkane: Cyc...	5.59	3.9	ng/ul	214066	1	7.61	1091650	20.0
(DEL) Alkane: Cyc...	5.65	2.9	ng/ul	159780	1	7.61	1091650	20.0
(DEL) Alkane: Cyc...	5.90	8.5	ng/ul	464439	1	7.61	1091650	20.0
(DEL) Alkane: Str...	6.02	4.7	ng/ul	253618	1	7.61	1091650	20.0
(DEL) Alkane: Str...	6.11	5.7	ng/ul	308851	1	7.61	1091650	20.0
(DEL) Alkane: Str...	6.18	7.0	ng/ul	384139	1	7.61	1091650	20.0
(DEL) Alkane: Cyc...	6.26	5.1	ng/ul	280039	1	7.61	1091650	20.0
(DEL) Alkane: Str...	6.29	4.8	ng/ul	261096	1	7.61	1091650	20.0
(DEL) Alkane: Str...	6.51	5.8	ng/ul	314488	1	7.61	1091650	20.0
(DEL) Alkane: Str...	6.61	4.0	ng/ul	217700	1	7.61	1091650	20.0
(DEL) Alkane: Cyc...	7.89	3.3	ng/ul	179569	1	7.61	1091650	20.0
(DEL) Alkane: Str...	8.14	3.3	ng/ul	180102	1	7.61	1091650	20.0
(DEL) Alkane: Str...	11.43	3.1	ng/ul	188372	2	10.39	1218880	20.0
Naphthalene, 2,6-...	13.43	11.1	ng/ul	985261	3	14.26	1773130	20.0
Naphthalene, 2,3-...	13.58	9.4	ng/ul	836461	3	14.26	1773130	20.0
Naphthalene, 1,4-...	13.81	4.1	ng/ul	365499	3	14.26	1773130	20.0
Naphthalene, 2,3,...	14.74	4.3	ng/ul	377762	3	14.26	1773130	20.0
(DEL) Alkane: Cyc...	14.80	2.8	ng/ul	250623	3	14.26	1773130	20.0
Naphthalene, 1,4,...	14.88	6.3	ng/ul	556731	3	14.26	1773130	20.0
Naphthalene, 1,6,...	14.93	2.8	ng/ul	246807	3	14.26	1773130	20.0
Naphthalene, 1,4,...	15.05	3.3	ng/ul	293542	3	14.26	1773130	20.0
(DEL) Alkane: Str...	15.54	6.3	ng/ul	557424	3	14.26	1773130	20.0
4-Cyclohepta-2,4,...	15.99	2.6	ng/ul	248587	4	17.01	1939070	20.0
(DEL) Alkane: Str...	16.02	4.5	ng/ul	438944	4	17.01	1939070	20.0
Dibenzothiophene	16.83	10.9	ng/ul	1056670	4	17.01	1939070	20.0
Anthracene, 9-eth...	17.54	2.0	ng/ul	195723	4	17.01	1939070	20.0
Dibenzothiophene,...	17.59	3.4	ng/ul	328161	4	17.01	1939070	20.0
Dibenzothiophene,...	17.73	5.0	ng/ul	481794	4	17.01	1939070	20.0
Phenanthrene, 2-m...	17.89	9.3	ng/ul	901806	4	17.01	1939070	20.0
Anthracene, 2-met...	17.94	10.8	ng/ul	1043460	4	17.01	1939070	20.0
Phenanthrene, 1-m...	18.01	3.0	ng/ul	294611	4	17.01	1939070	20.0
7,11-Dimethyldode...	22.40	2.2	ng/ul	219764	6	23.43	1959020	20.0