LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

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-BG073115.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	5.002	389	394	401	rVB	173344	259711	2.15%	0.270%
2	5.137	411	417	430	rVB	442050	839141	6.95%	0.872%
3	5.501	471	479	486	rVB2	301495	484256	4.01%	0.503%
4	6.471	635	644	650	rBV3	93883	223129	1.85%	0.232%
5	6.576	657	662	666	rVV	166864	247800	2.05%	0.257%
6	6.635	666	672	677	rVV2	134439	269162	2.23%	0.280%
7	6.706	677	684	692	rVB2	146289	333848	2.77%	0.347%
8	7.023	732	738	747	rVB4	115589	242896	2.01%	0.252%
9	7.111	747	753	755	rBV	414768	651760	5.40%	0.677%
10	7.481	806	816	821	rBV2	256758	612740	5.08%	0.637%
11	7.599	831	836	843	rVB2	149840	260708	2.16%	0.271%
12	7.763	857	864	871	rVB4	84129	216482	1.79%	0.225%
13	8.028	903	909	913	rVB2	224060	422596	3.50%	0.439%
14	8.122	920	925	937	rVB2	333109	721105	5.97%	0.749%
15	8.222	937	942	944	rBV2	117011	191293	1.59%	0.199%
16	8.286	948	953	959	rVB2	298726	561969	4.66%	0.584%
17	8.433	973	978	982	rBV	136879	215155	1.78%	0.224%
18	8.486	982	987	992	rVB	151923	229293	1.90%	0.238%
19	8.586	993	1004	1009	rBV	361934	668016	5.54%	0.694%
20	8.709	1021	1025	1034	rVB	653762	1031972	8.55%	1.072%
21	8.833	1034	1046	1052	rBV7	176941	506276	4.19%	0.526%
22	8.915	1052	1060	1065	rBV2	134413	314691	2.61%	0.327%
23	9.109	1089	1093	1099	rVV2	202700	410264	3.40%	0.426%
24	9.167	1099	1103	1113	rVB2	299676	573239	4.75%	0.595%
25	9.361	1128	1136	1139	rBV3	175845	361378	2.99%	0.375%
26	9.479	1147	1156	1158	rBV3	506127	884690	7.33%	0.919%
27	9.508	1158	1161	1167	rVB2	635810	940062	7.79%	0.977%
28	9.632	1177	1182	1185	rBV5	158307	278961	2.31%	0.290%
29	9.679	1185	1190	1194	rVV3	312834	688016	5.70%	0.715%
30	9.749	1197	1202	1205	rVV2	442249	856777	7.10%	0.890%
31	9.790	1205	1209	1215	rVV2	517454	886008	7.34%	0.920%
32	9.931	1225	1233	1237	rVV3	288078	626149	5.19%	0.650%
33	10.172	1270	1274	1279	rVV5	188466	318808	2.64%	0.331%
34	10.260	1279	1289	1295	rVV2	736647	1615457	13.39%	1.678%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

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-BG073115.M
Title : SVOA CALIBRATION

35	10.319	1295	1299	1307	rVV	399115	718185	5.95%	0.746%
36	10.442	1315	1320	1324	rVB	312944	456962	3.79%	0.475%
37	10.495	1325	1329	1336	rVB4	113085	199494	1.65%	0.207%
38	10.672	1351	1359	1367	rBV10	71447	261117	2.16%	0.271%
39	11.118	1429	1435	1441	rVB4	169977	325816	2.70%	0.338%
40	11.189	1441	1447	1454	rVB5	189814	413667	3.43%	0.430%
41	11.306	1461	1467	1476	rBV2	501515	1049193	8.69%	1.090%
42	11.717	1531	1537	1547	rBV	433363	758768	6.29%	0.788%
43	11.947	1572	1576	1583	rVB2	446043	804730	6.67%	0.836%
44	12.176	1608	1615	1618	rBV	264657	480450	3.98%	0.499%
45	12.211	1618	1621	1625	rVB5	143141	206412	1.71%	0.214%
46	12.422	1652	1657	1663	rVB4	137684	283875	2.35%	0.295%
47	12.475	1663	1666	1673	rBV6	122225	247531	2.05%	0.257%
48	12.552	1676	1679	1689	rVB5	175745	407238	3.37%	0.423%
49	12.640	1689	1694	1698	rBV5	188262	338607	2.81%	0.352%
50	12.693	1698	1703	1707	rVV	612530	874939	7.25%	0.909%
51	12.734	1707	1710	1717	rVB4	219481	363268	3.01%	0.377%
52	12.992	1750	1754	1761	rVB2	443090	734715	6.09%	0.763%
53	13.081	1766	1769	1776	rVB6	137909	257920	2.14%	0.268%
54	13.321	1805	1810	1817	rBV2	199283	546650	4.53%	0.568%
55	13.480	1833	1837	1841	rBV2	282463	479371	3.97%	0.498%
56	13.533	1842	1846	1849	rVV3	232951	363250	3.01%	0.377%
57	13.574	1849	1853	1857	rVB2	504518	727346	6.03%	0.756%
58	13.627	1857	1862	1864	rBV	495052	688204	5.70%	0.715%
59	13.656	1864	1867	1871	rVV2	665311	929177	7.70%	0.965%
60	13.697	1871	1874	1881	rVB6	200394	391122	3.24%	0.406%
61	13.856	1898	1901	1904	rBV	131943	196809	1.63%	0.204%
62	13.985	1920	1923	1927	rVB2	228420	280523	2.32%	0.291%
63	14.079	1933	1939	1943	rBV2	469761	686055	5.68%	0.713%
64	14.162	1943	1953	1959	rVV5	501409	1260222	10.44%	1.309%
65	14.232	1961	1965	1973	rVB5	274056	549440	4.55%	0.571%
66	14.573	2020	2023	2028	rVB4	351032	573743	4.75%	0.596%
67	14.649	2033	2036	2040	rVV2	201772	257302	2.13%	0.267%
68	14.702	2042	2045	2051	rVB5	347775	485705	4.02%	0.505%
69	14.955	2083	2088	2093	rBV4	266721	469669	3.89%	0.488%
70	15.037	2099	2102	2107	rVB	319824	386829	3.21%	0.402%
71	15.166	2121	2124	2129	rVB3	198463	268169	2.22%	0.279%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

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-BG073115.M
Title : SVOA CALIBRATION

72	15.219	2130	2133	2137	rVB2	317411	401514	3.33%	0.417%
73	15.343	2151	2154	2158	rVB5	166472	223896	1.86%	0.233%
74	15.443	2166	2171	2177	rVB	609250	930412	7.71%	0.967%
75	15.601	2194	2198	2202	rBV6	140341	256190	2.12%	0.266%
76	15.930	2246	2254	2264	rVB2	1167317	2422073	20.07%	2.516%
77	16.700	2382	2385	2389	rBV	270919	327080	2.71%	0.340%
78	16.753	2390	2394	2401	rVB2	784849	1284039	10.64%	1.334%
79	16.929	2420	2424	2427	rBV	455518	685387	5.68%	0.712%
80	16.976	2427	2432	2436	rVV	1558700	2237878	18.54%	2.325%
81	17.029	2438	2441	2444	rVV	296321	442008	3.66%	0.459%
82	17.064	2444	2447	2451	rVB	299831	402225	3.33%	0.418%
83	17.440	2509	2511	2515	rVB2	369809	388252	3.22%	0.403%
84	18.004	2603	2607	2611	rBV2	1621826	2202630	18.25%	2.288%
85	18.063	2615	2617	2621	rVB	435290	484386	4.01%	0.503%
86	18.292	2653	2656	2660	rBV2	537752	732215	6.07%	0.761%
87	18.868	2747	2754	2762	rBV2	1742139	3794115	31.44%	3.941%
88	19.015	2774	2779	2783	rBV	2465879	3210546	26.60%	3.335%
89	19.074	2785	2789	2794	rVB2	1365180	1902076	15.76%	1.976%
90	19.162	2798	2804	2809	rVB	2438931	3581040	29.67%	3.720%
91	19.220	2811	2814	2818	rBV	992203	1237102	10.25%	1.285%
92	19.379	2833	2841	2844	rBV	2416186	4826956	40.00%	5.014%
93	19.497	2858	2861	2865	rVB2	842215	935903	7.75%	0.972%
94	19.608	2876	2880	2888	rVB	2865167	3410654	28.26%	3.543%
95	19.873	2921	2925	2929	rVB2	1463480	2092656	17.34%	2.174%
96	19.925	2931	2934	2938	rVB	1981410	2388792	19.79%	2.482%
97	20.155	2970	2973	2976	rVB	1289783	1412448	11.70%	1.467%
98	20.472	3024	3027	3037	rVB4	1481524	2199278	18.22%	2.285%
99	21.077	3125	3130	3134	rVB	10722670	12068714	100.00%	12.537%
100	21.142	3137	3141	3145	rBV2	1746372	3116741	25.82%	3.238%

Sum of corrected areas: 96263487

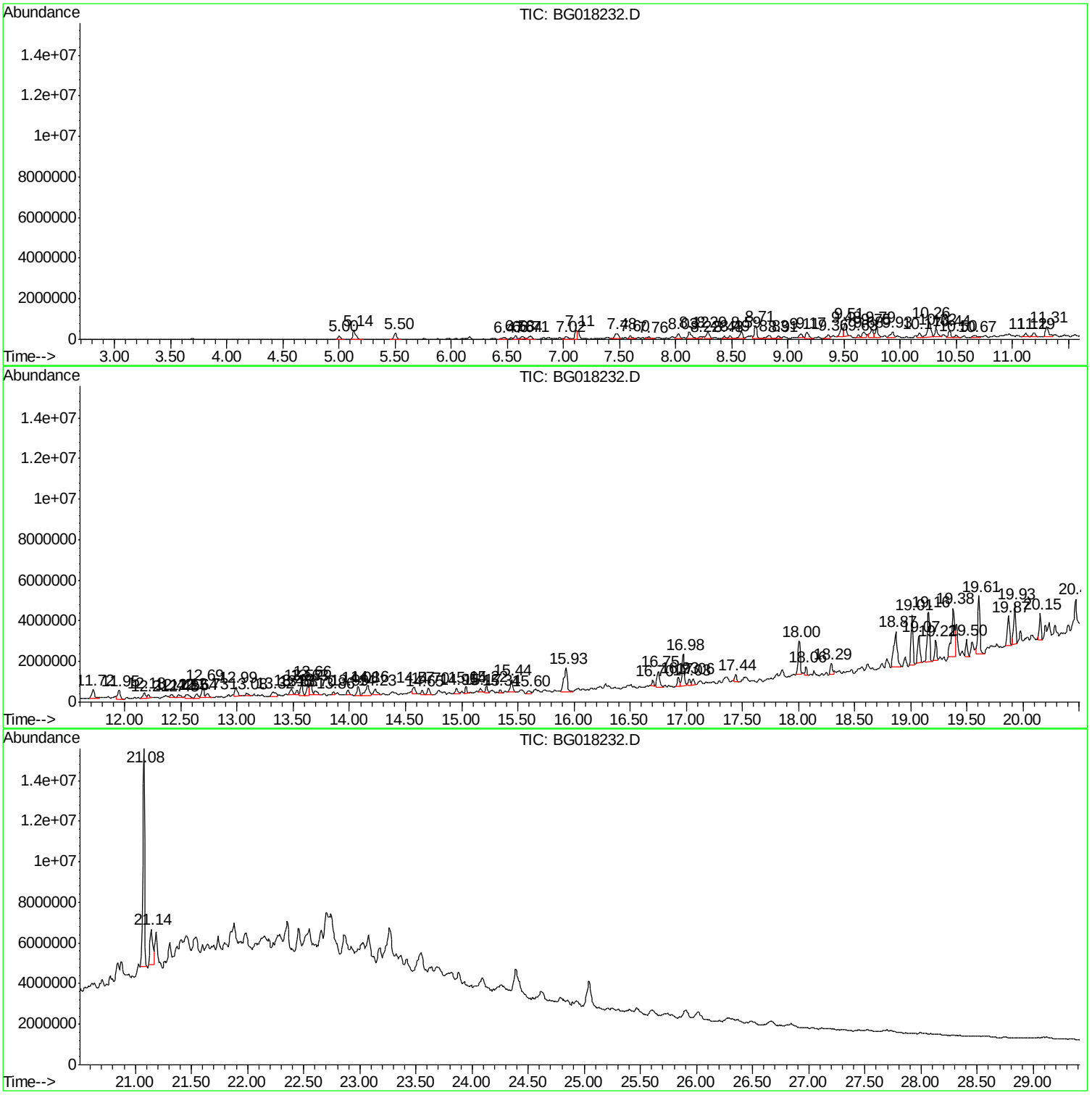
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

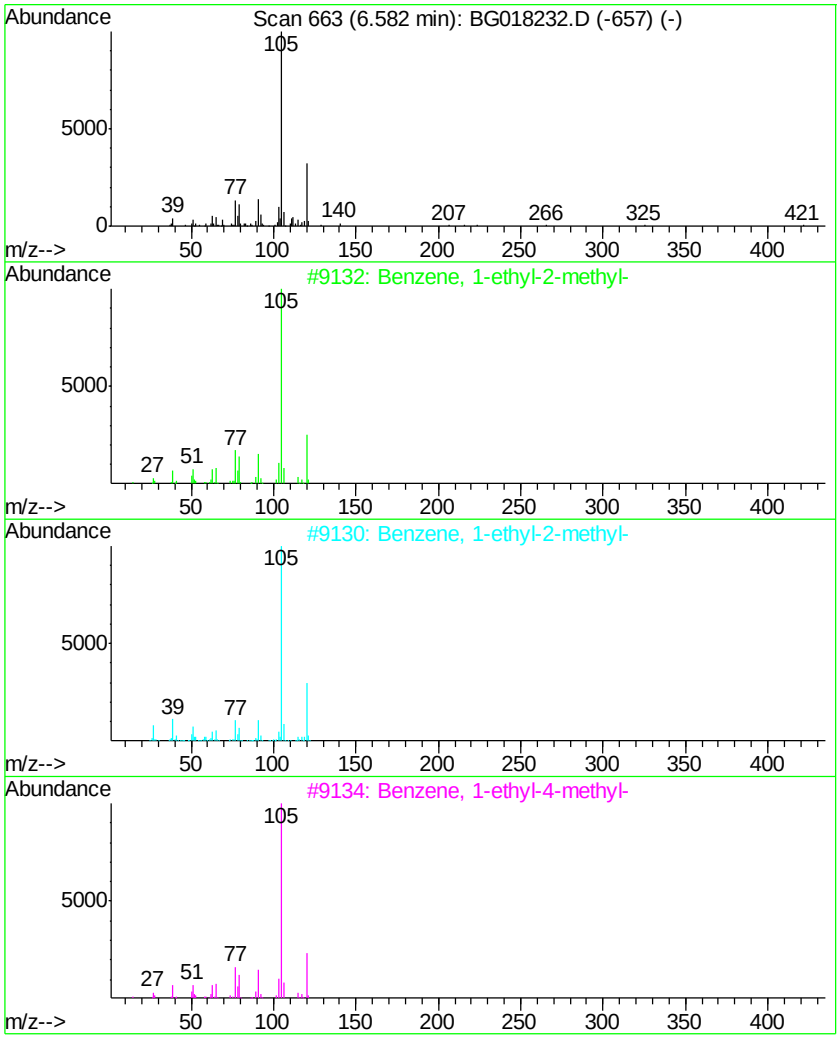
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

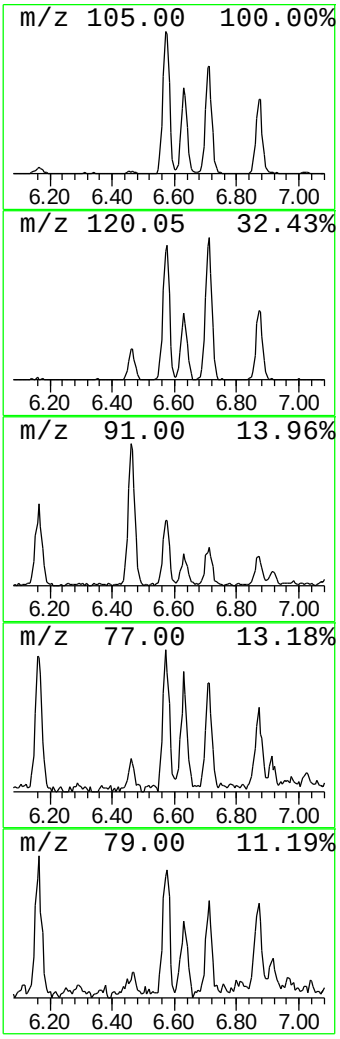
****

Peak Number 5 Benzene, 1-ethyl-2-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	8.09 ng/ul	247800	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

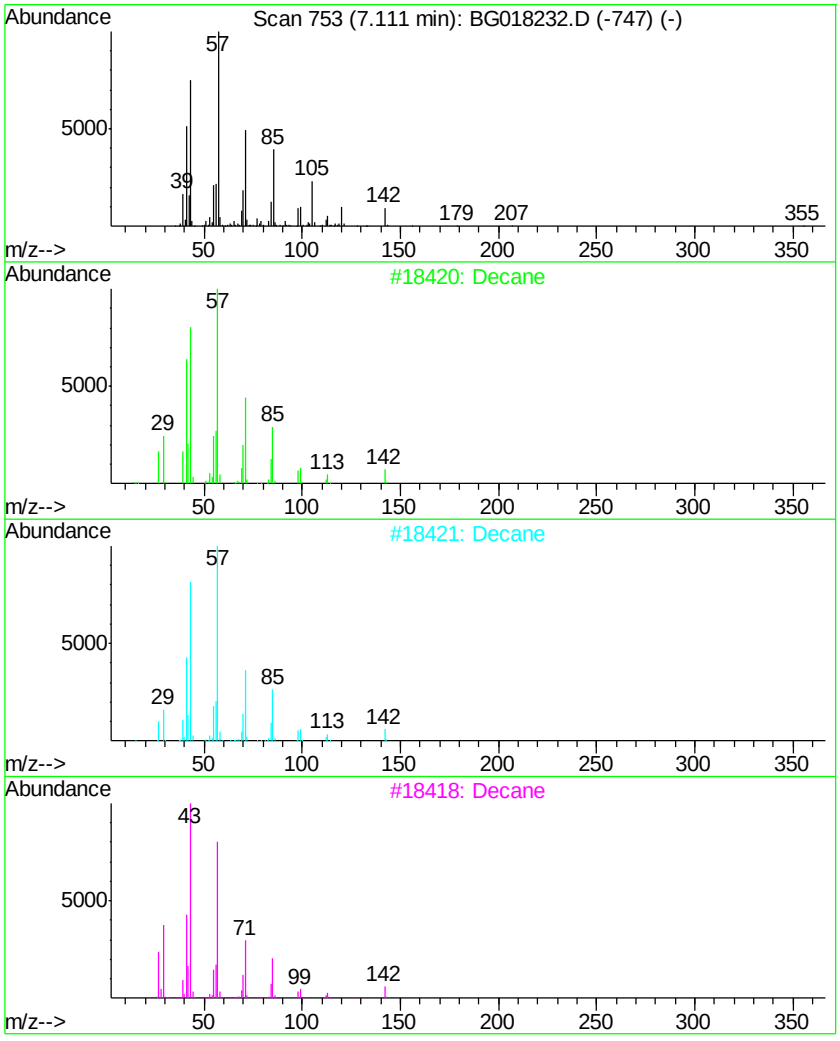
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

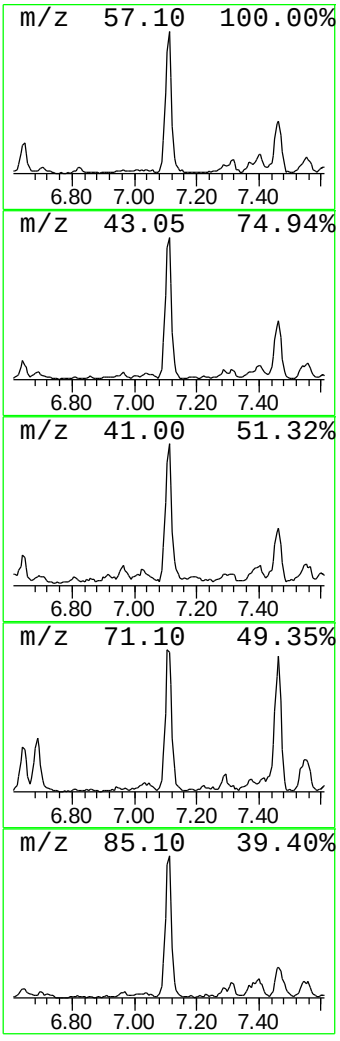
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.11	21.27 ng/ul	651760	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane	142	C10H22	000124-18-5	93
2	Decane	142	C10H22	000124-18-5	92
3	Decane	142	C10H22	000124-18-5	91
4	Decane	142	C10H22	000124-18-5	87
5	Undecane	156	C11H24	001120-21-4	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

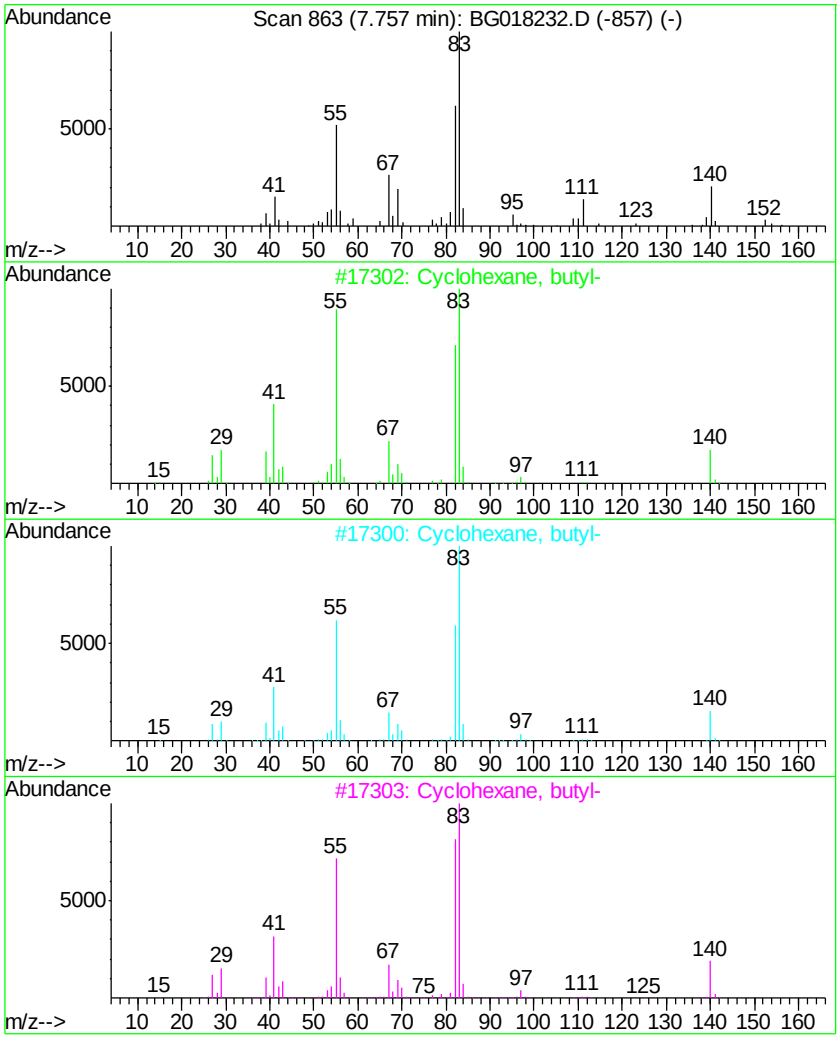
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

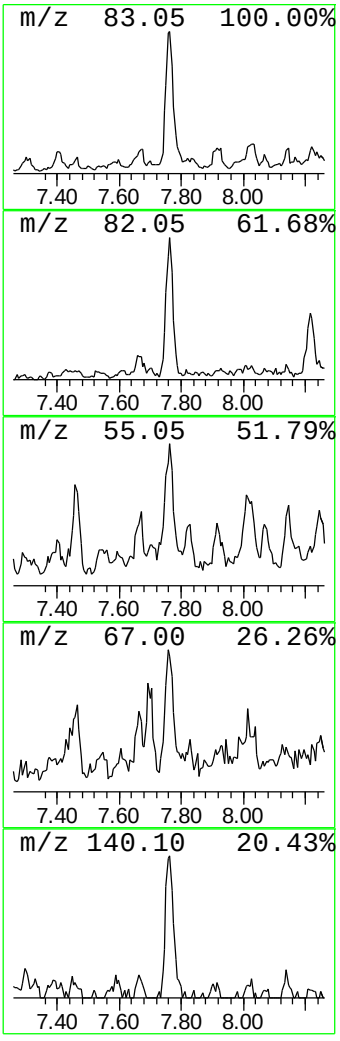
****

Peak Number 9 Cyclohexane, butyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	7.07 ng/ul	216482	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	83
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	72
4	Cyclohexane, hexyl-	168	C12H24	004292-75-5	64
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

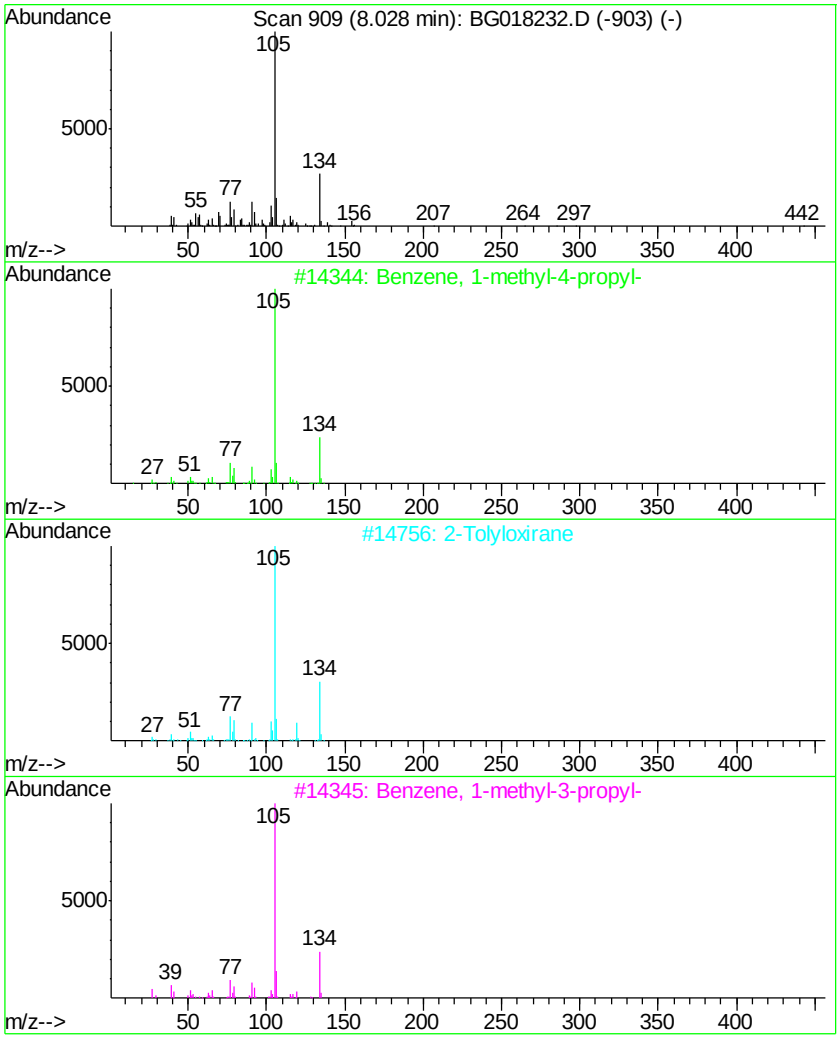
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

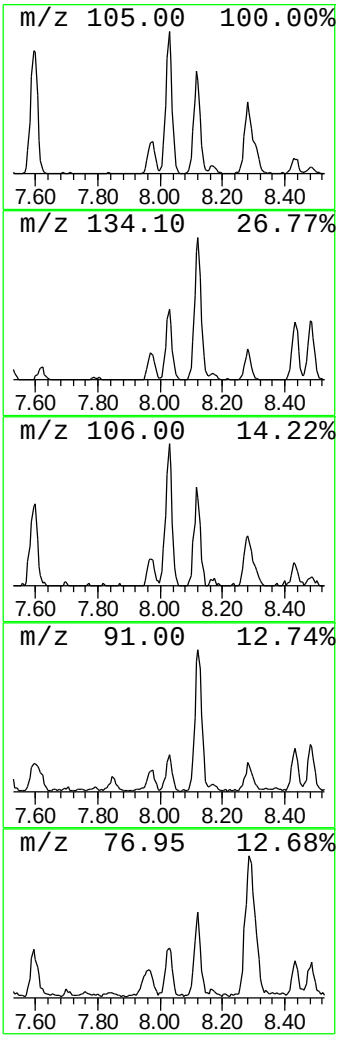
****

Peak Number 10 Benzene, 1-methyl-4-propyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	13.79 ng/ul	422596	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	93
2	2-Tolyloxirane	134	C9H10O	002783-26-8	81
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

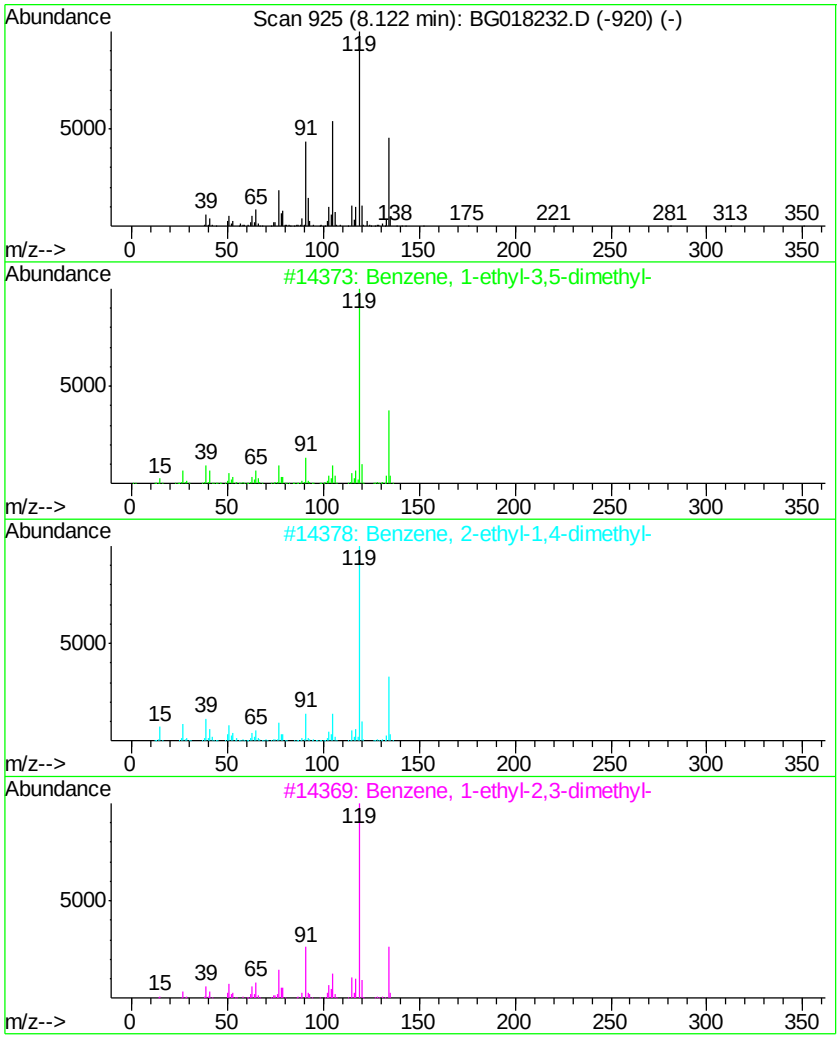
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

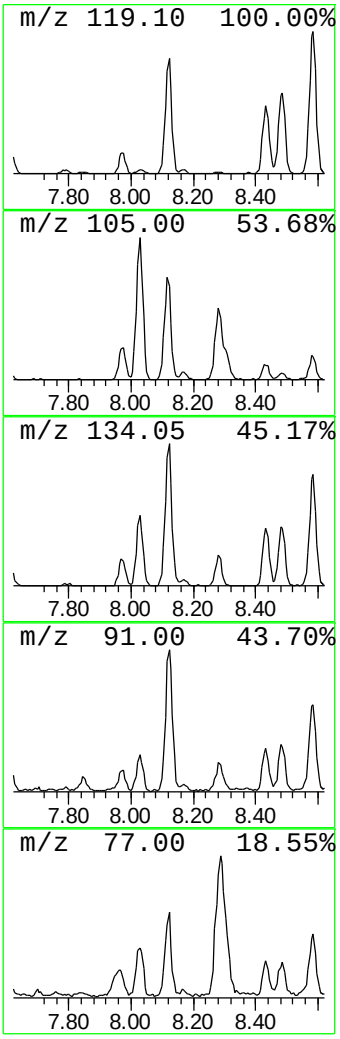
****

Peak Number 11 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.12	23.54 ng/ul	721105	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	95
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	91





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Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

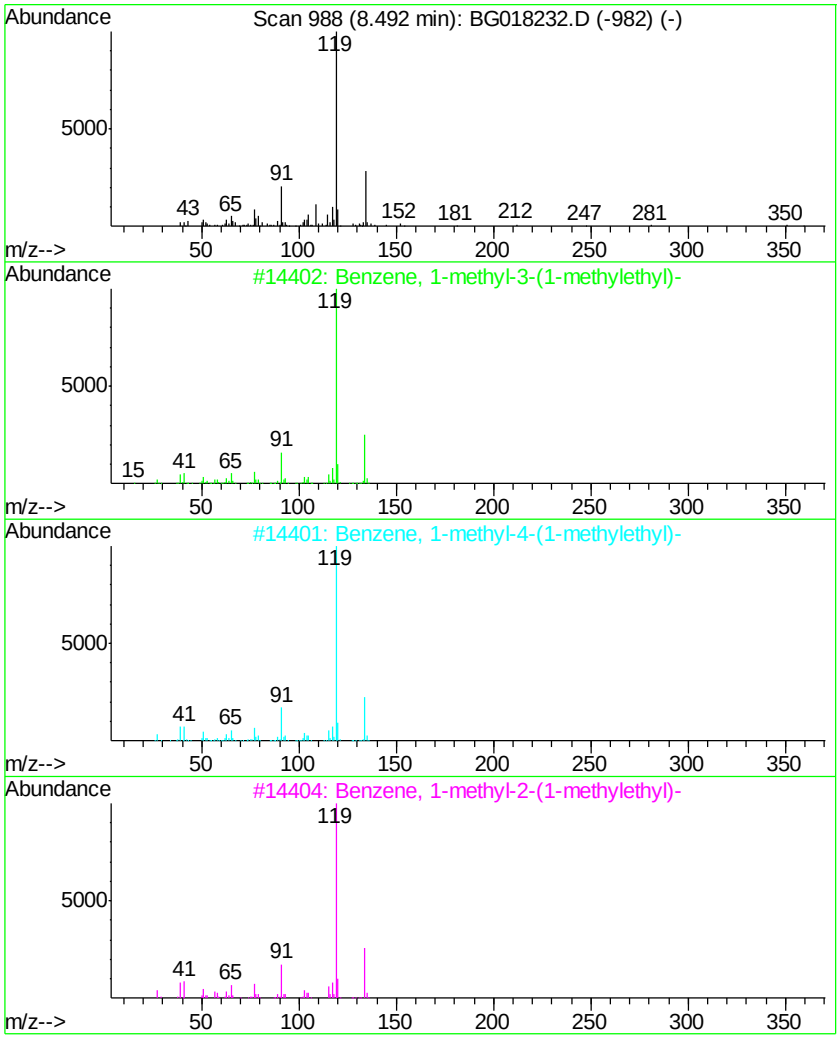
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

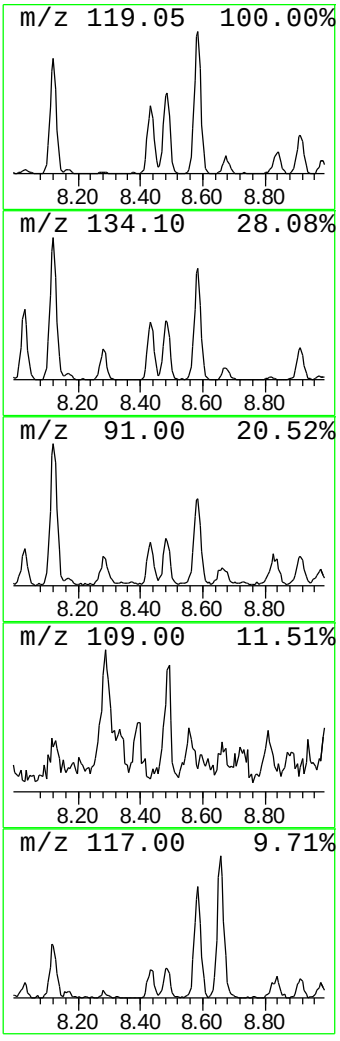
****

Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.49	7.48 ng/ul	229293	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	97
2	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

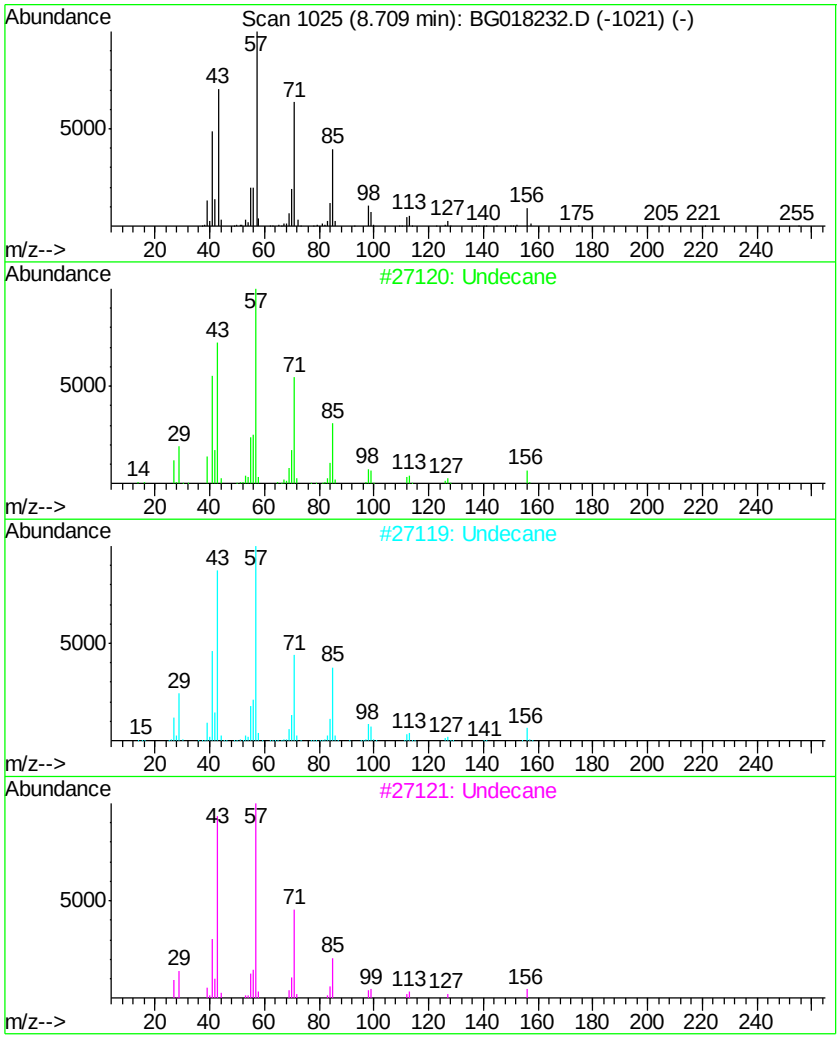
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

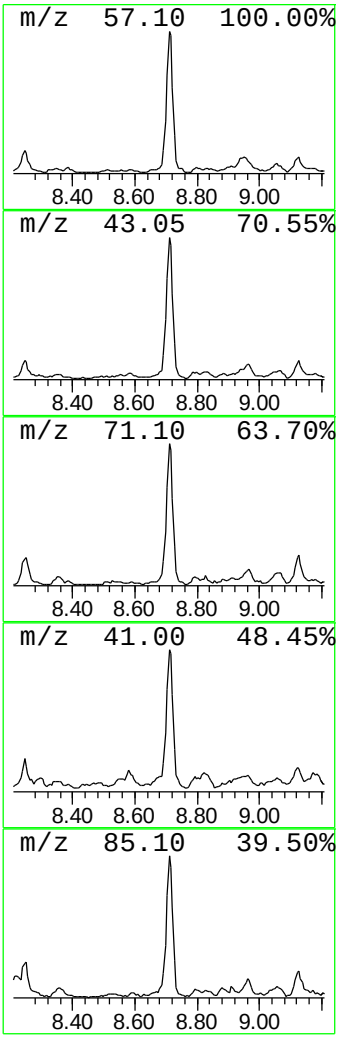
****

Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.71	33.68 ng/ul	1031970	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	94
2	Undecane	156	C11H24	001120-21-4	93
3	Undecane	156	C11H24	001120-21-4	87
4	Undecane	156	C11H24	001120-21-4	87
5	Decane	142	C10H22	000124-18-5	78





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Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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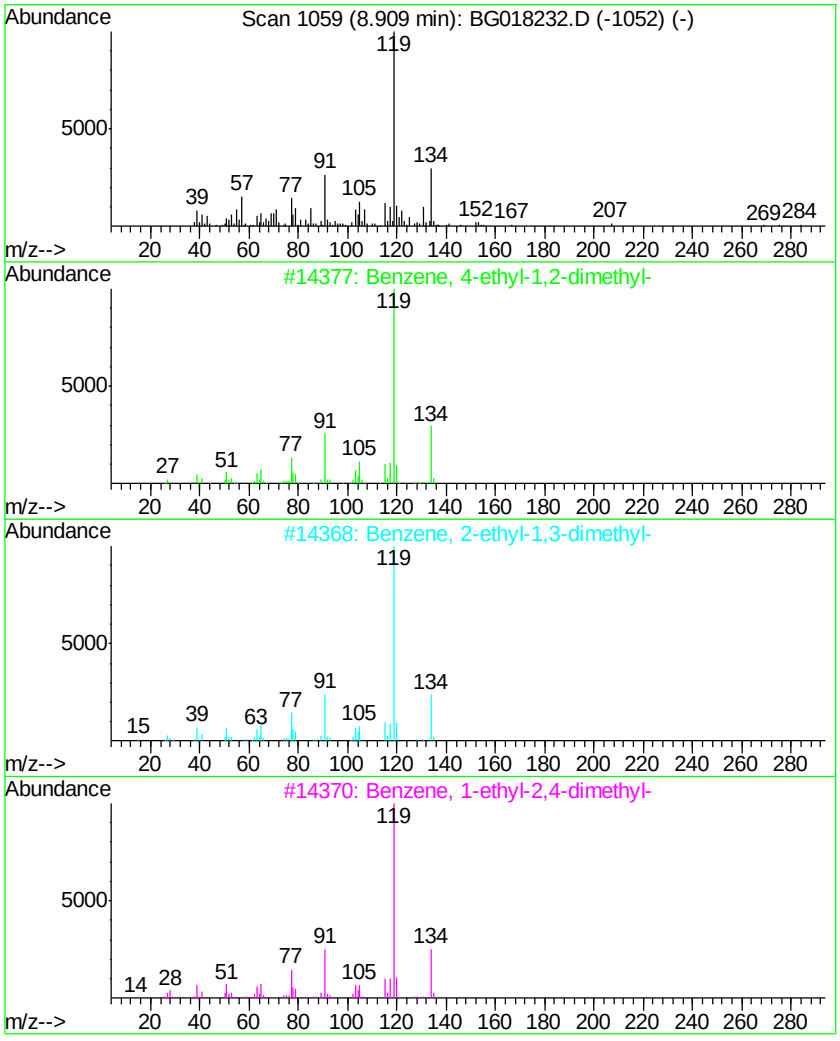
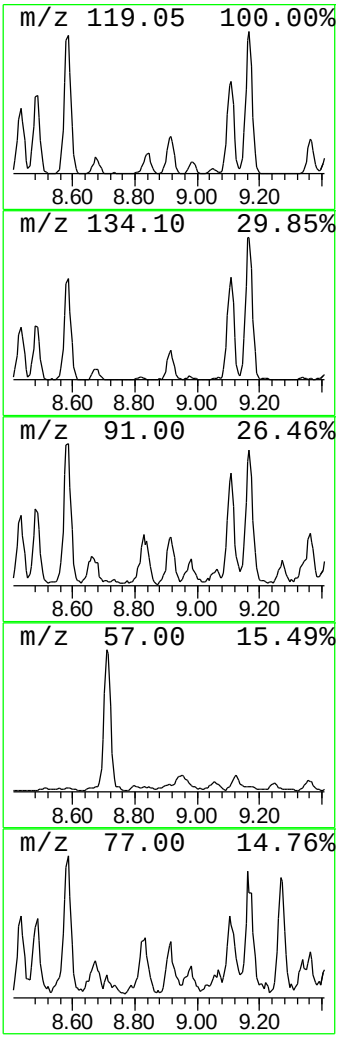
Peak Number 17 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.91	3.90 ng/ul	314691	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	95
3	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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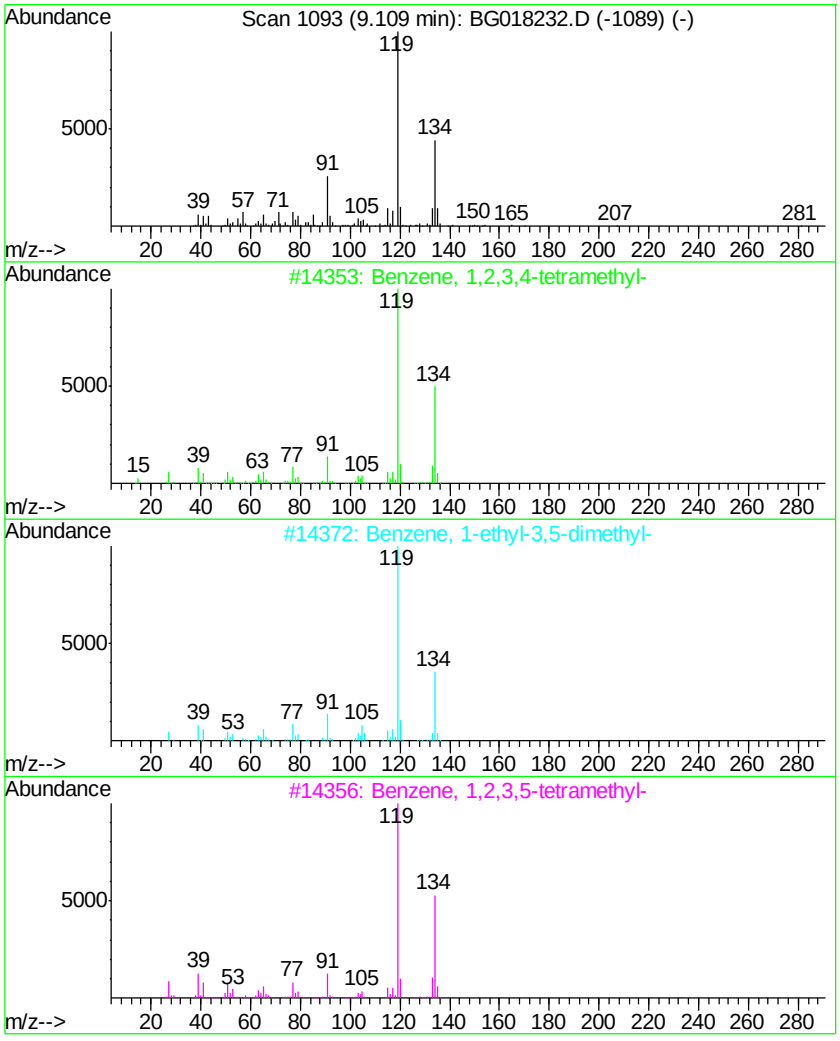
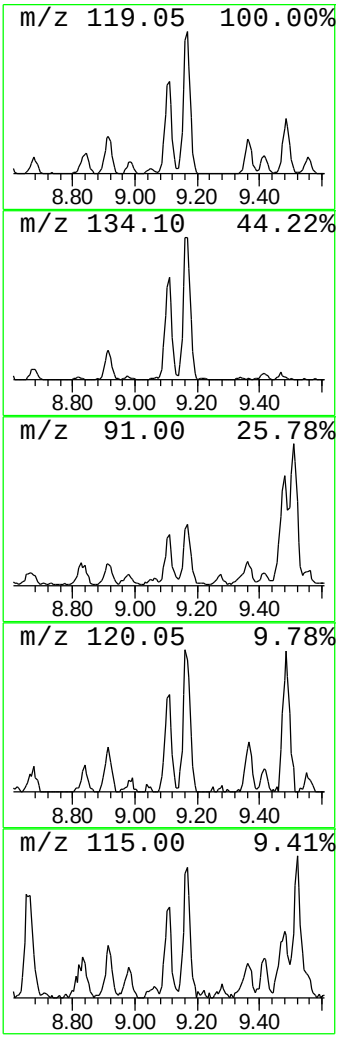
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.11	5.08 ng/ul	410264	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
2	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
4	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	90
5	1,3,8-p-Menthatriene	134	C10H14	021195-59-5	90





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Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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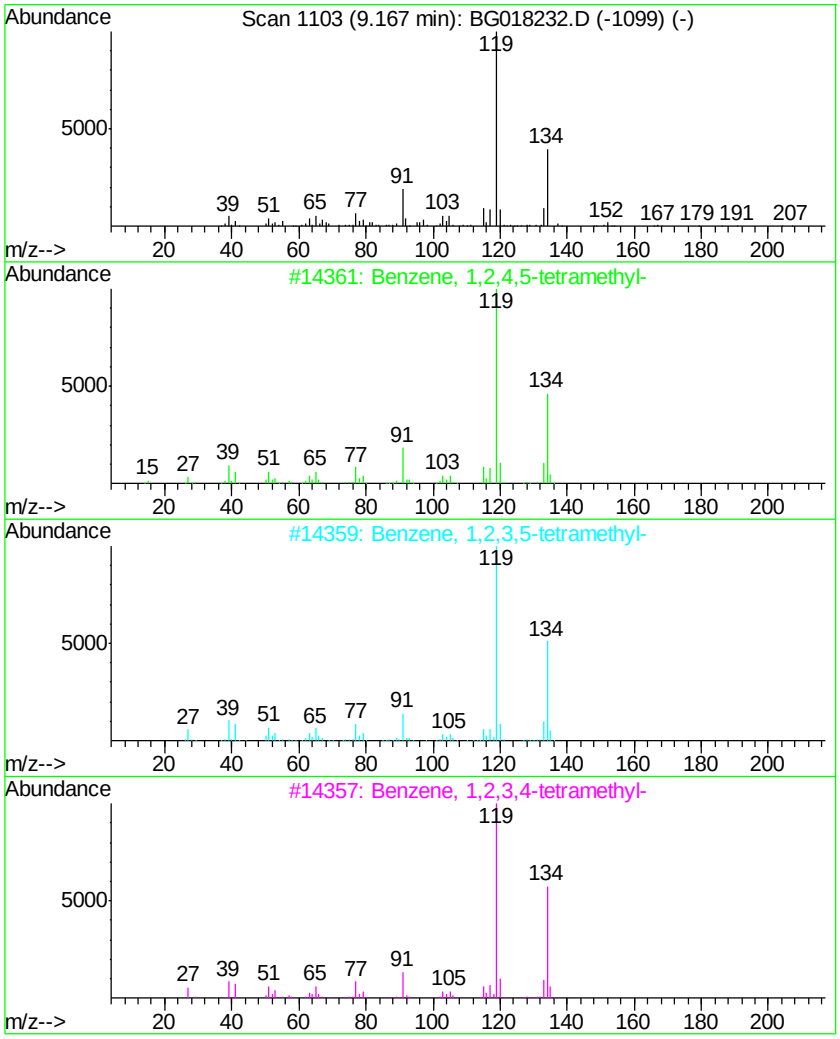
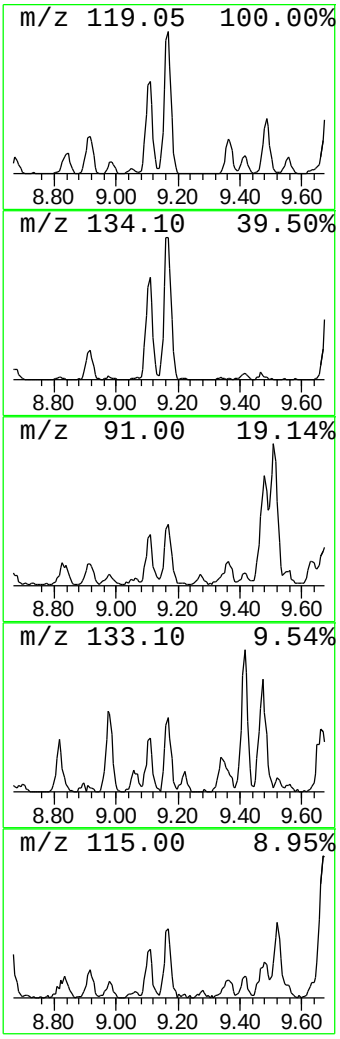
Peak Number 19 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.17	7.10 ng/ul	573239	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	94
2	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	91
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	91





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Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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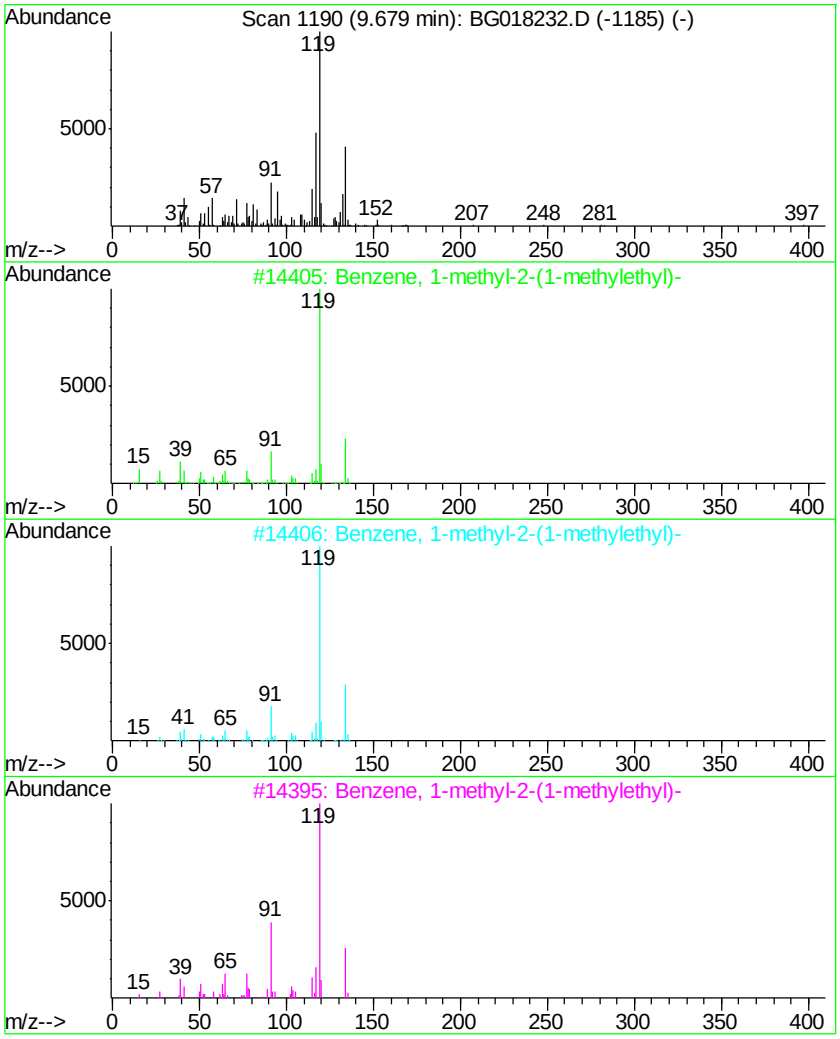
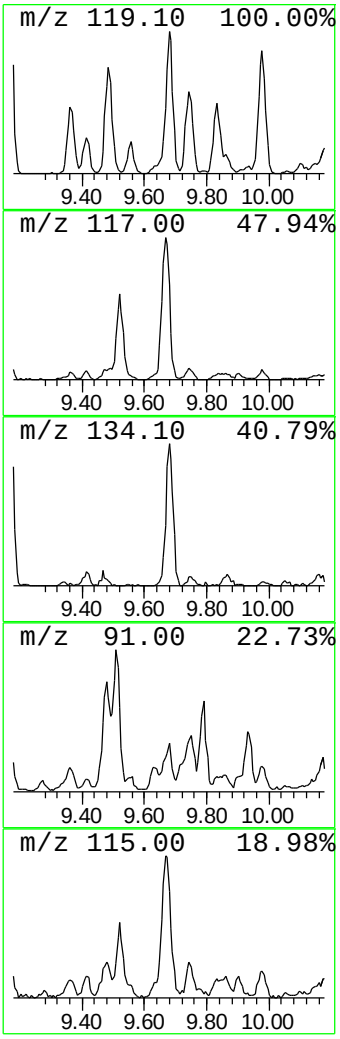
Peak Number 21 Benzene, 1-methyl-2-(1-meth... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.68	8.52 ng/ul	688016	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	64
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	62
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	62
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	58
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	52





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Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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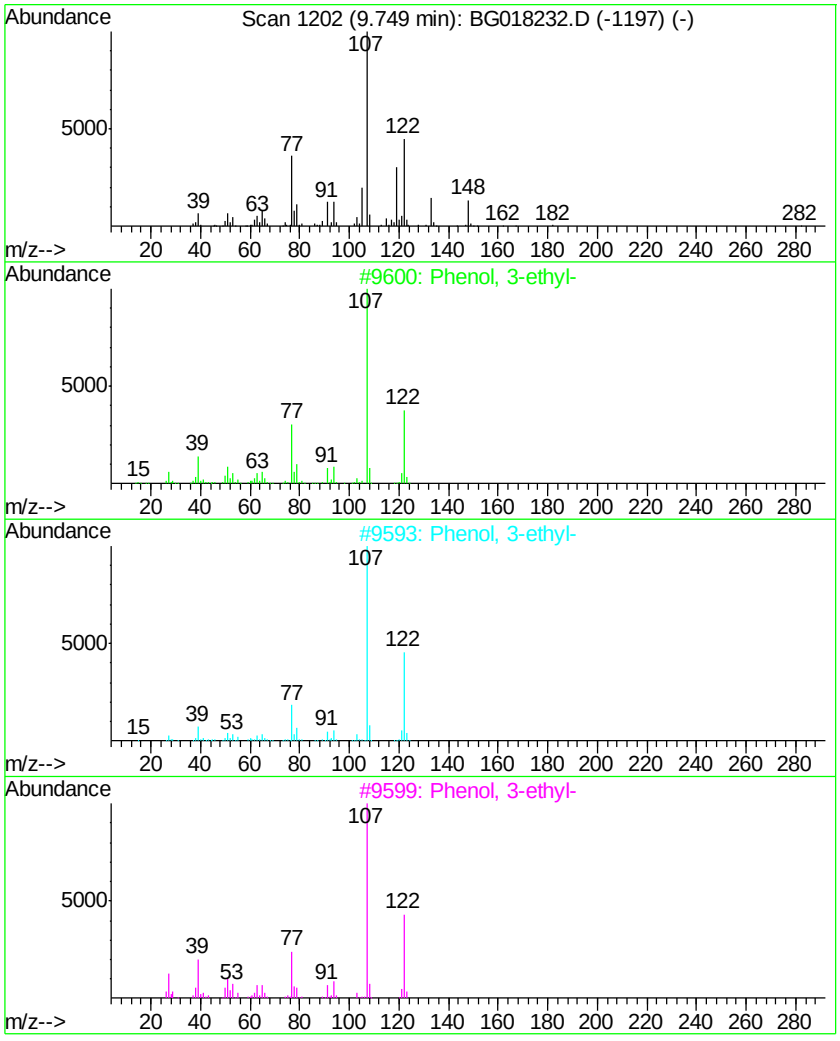
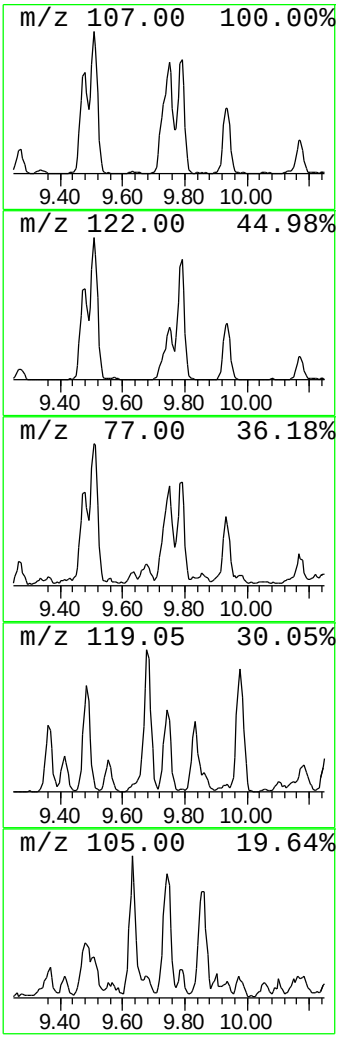
Peak Number 22 Phenol, 3-ethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.75	10.61 ng/ul	856777	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	86
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	62
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	62
4	3,3-Dimethyl-6-methylenecyclohexene	122	C9H14	020185-16-4	59
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
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Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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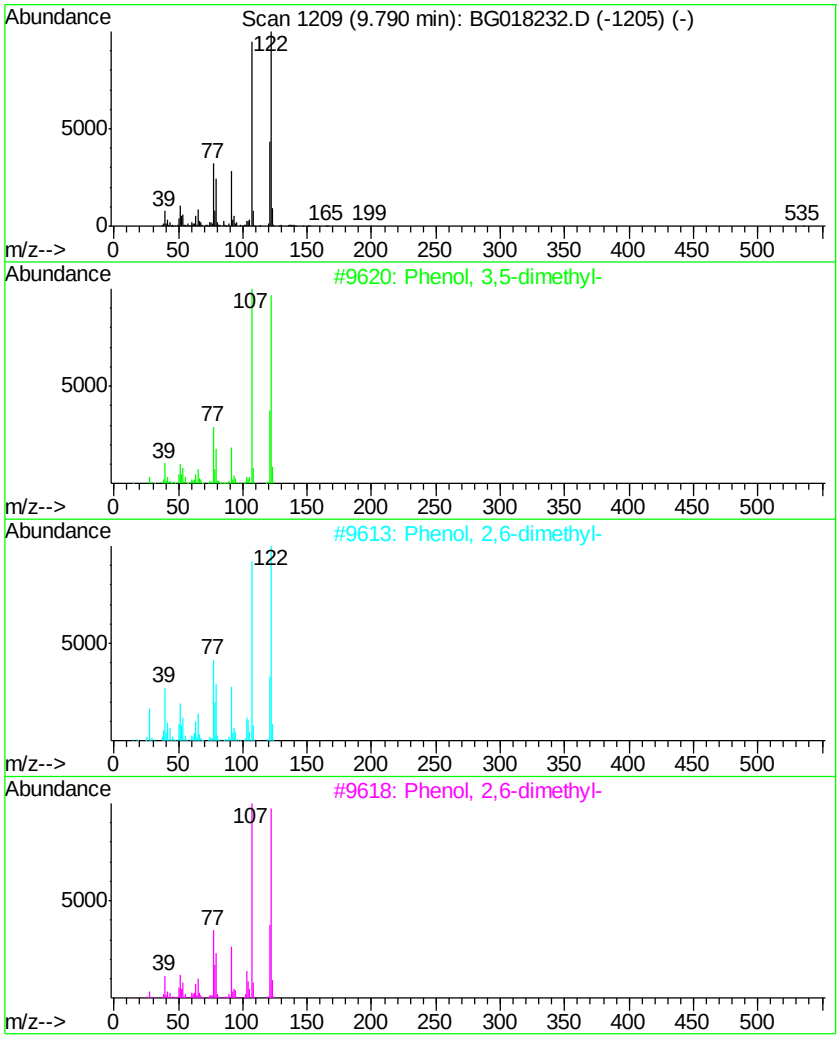
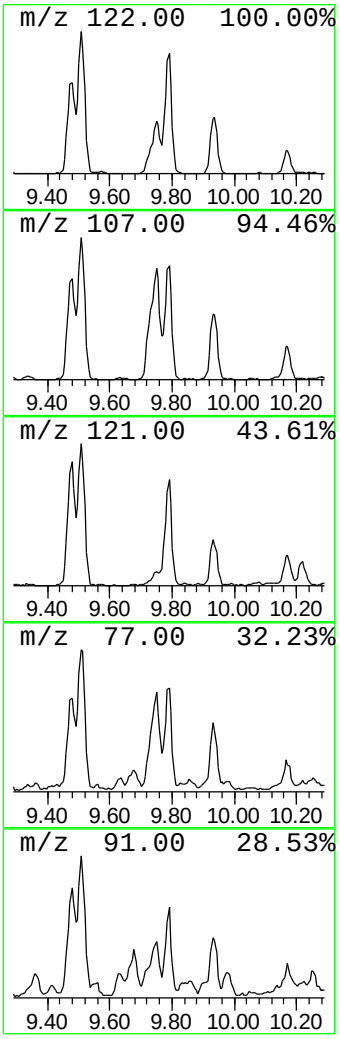
Peak Number 23 Phenol, 3,5-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	10.97 ng/ul	886008	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	94
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	91
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





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Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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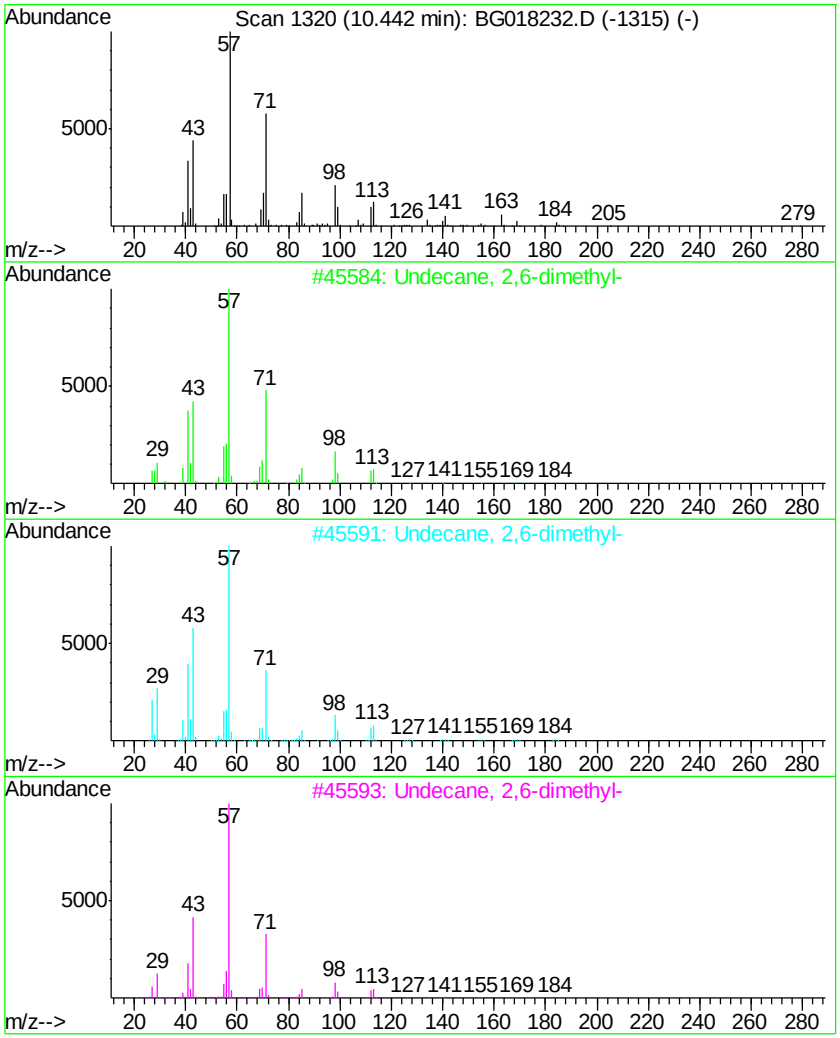
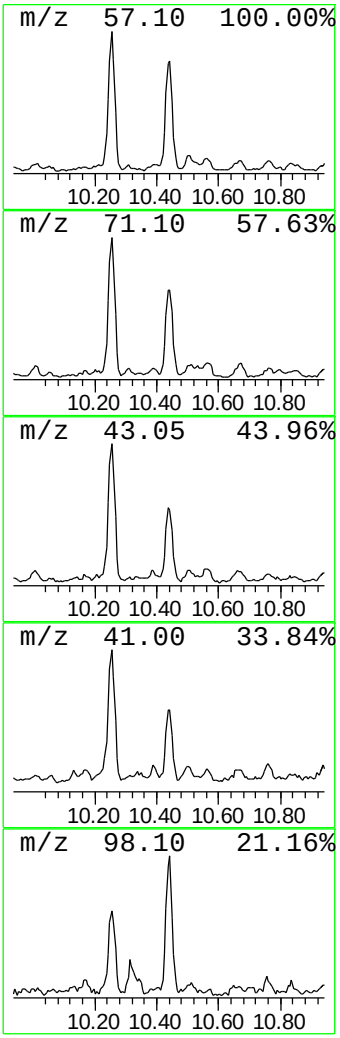
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	5.66 ng/ul	456962	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	91
2	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	68
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
4	Nonane, 3-methyl-	142	C10H22	005911-04-6	52
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	52





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Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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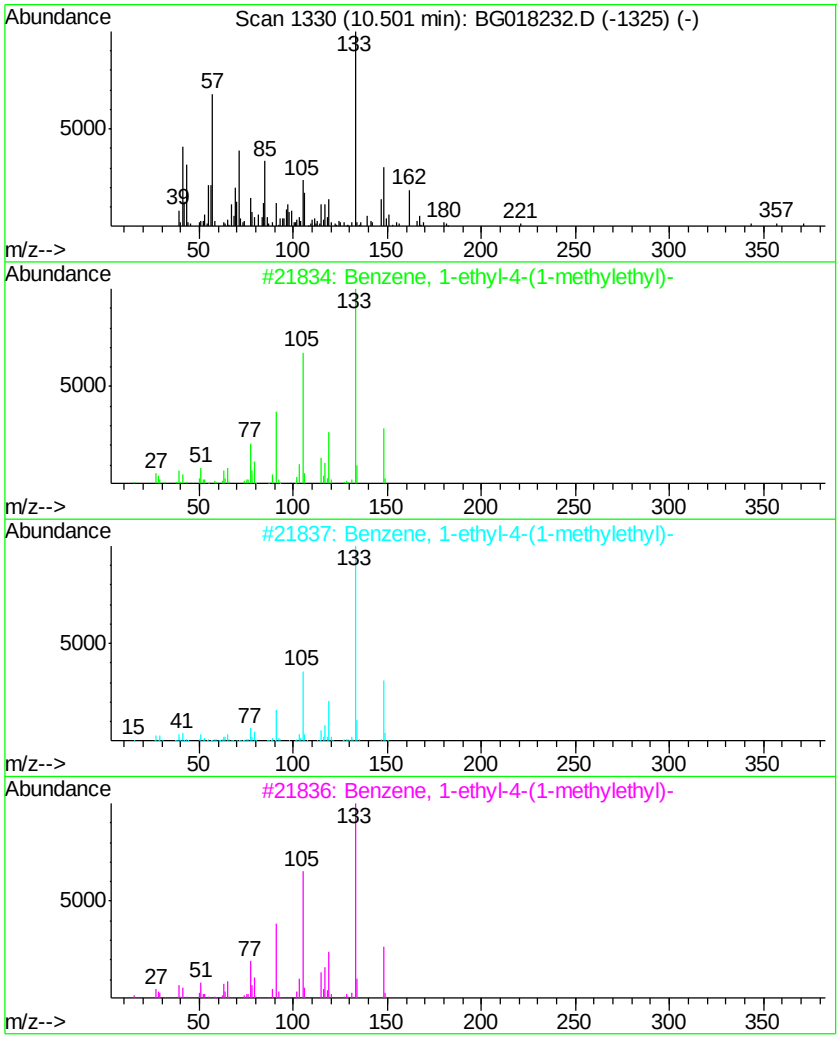
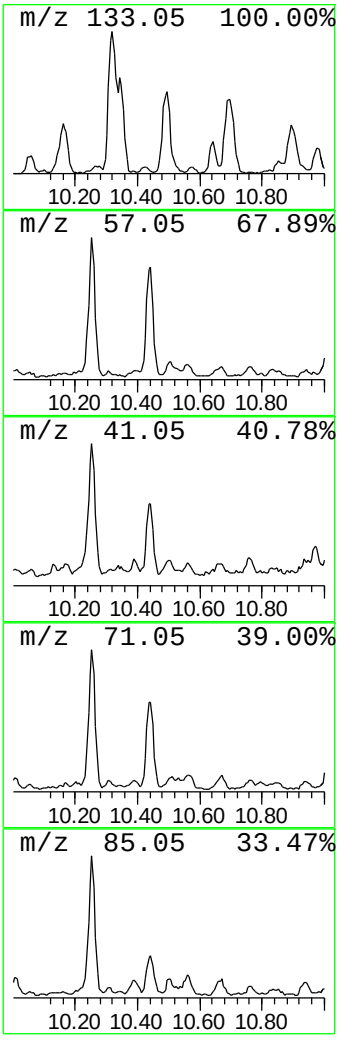
Peak Number 26 Benzene, 1-ethyl-4-(1-methy... Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	2.47 ng/ul	199494	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
2	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
3	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	76
4	Benzene, 1-ethyl-3-(1-methylethyl)-	148	C11H16	004920-99-4	68
5	Benzene, 1-ethyl-4-(1-methylethyl)-	148	C11H16	004218-48-8	68





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Misc :
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Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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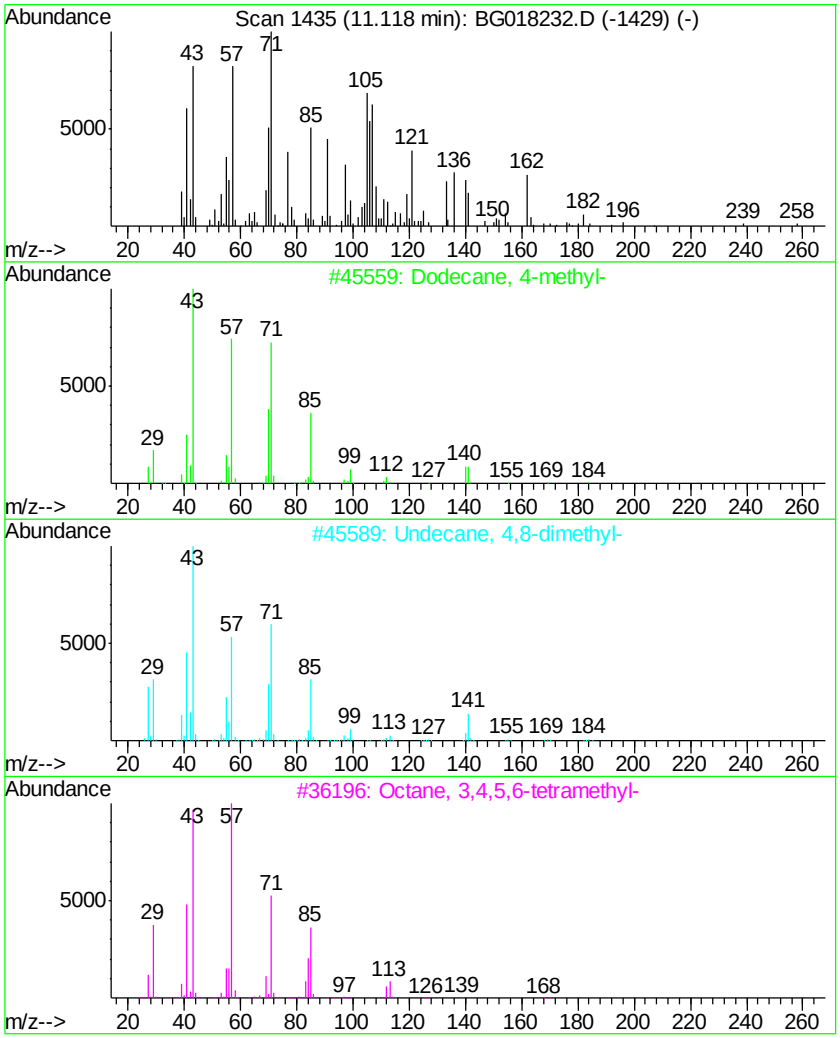
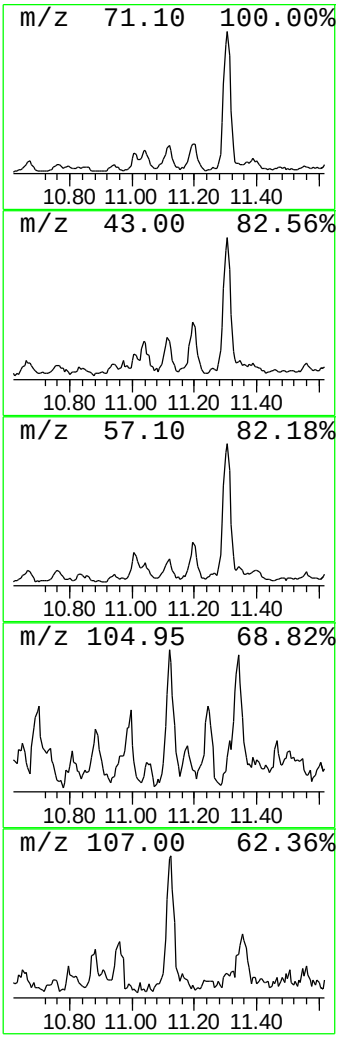
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.12	4.03 ng/ul	325816	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	83
2	Undecane, 4,8-dimethyl-	184	C13H28	017301-33-6	30
3	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	22
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	22
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	20





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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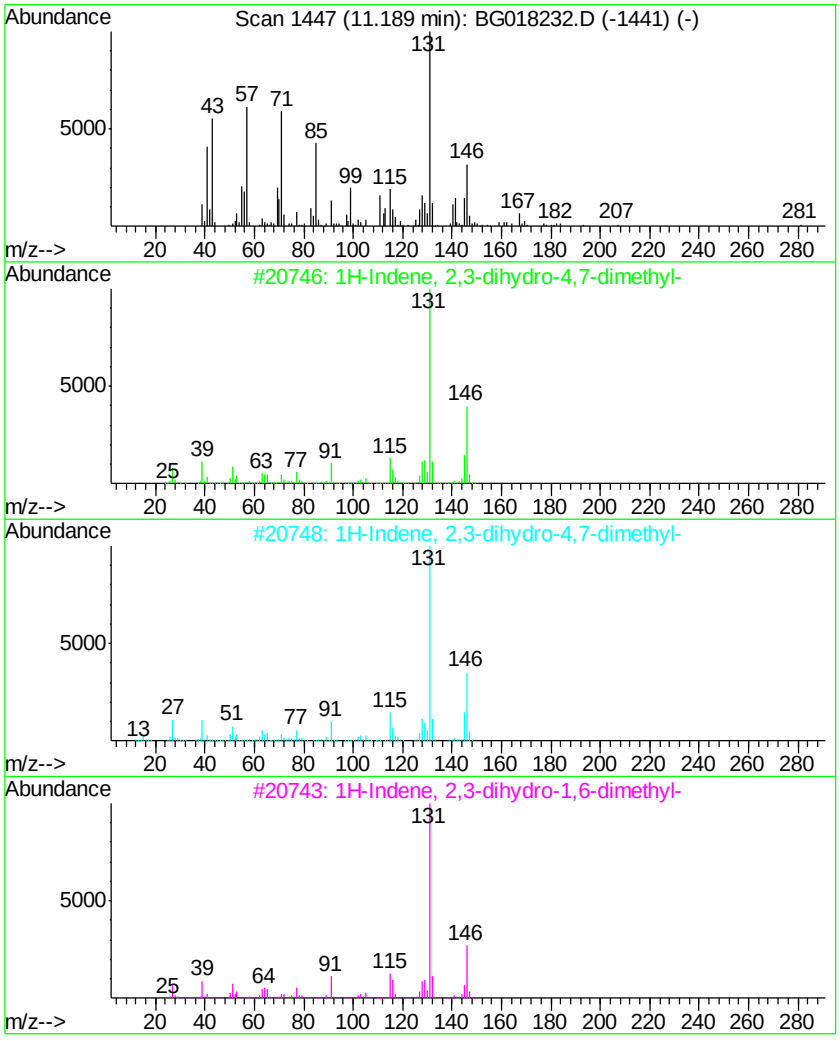
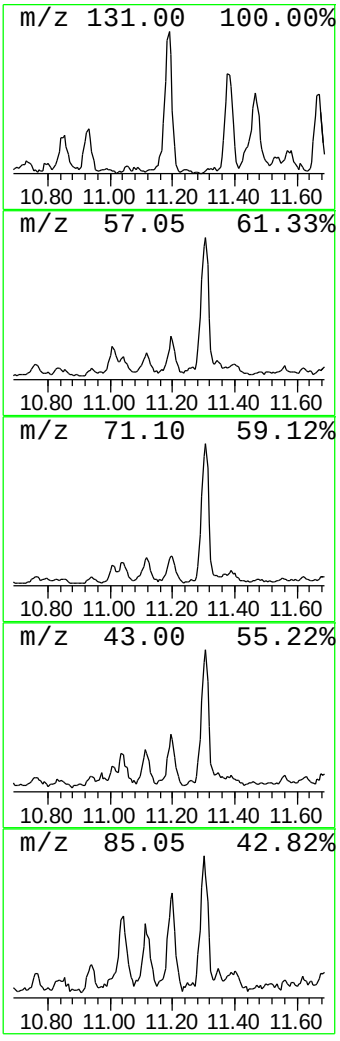
Peak Number 29 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.19	5.12 ng/ul	413667	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	50
3	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	50
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	46
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	46





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Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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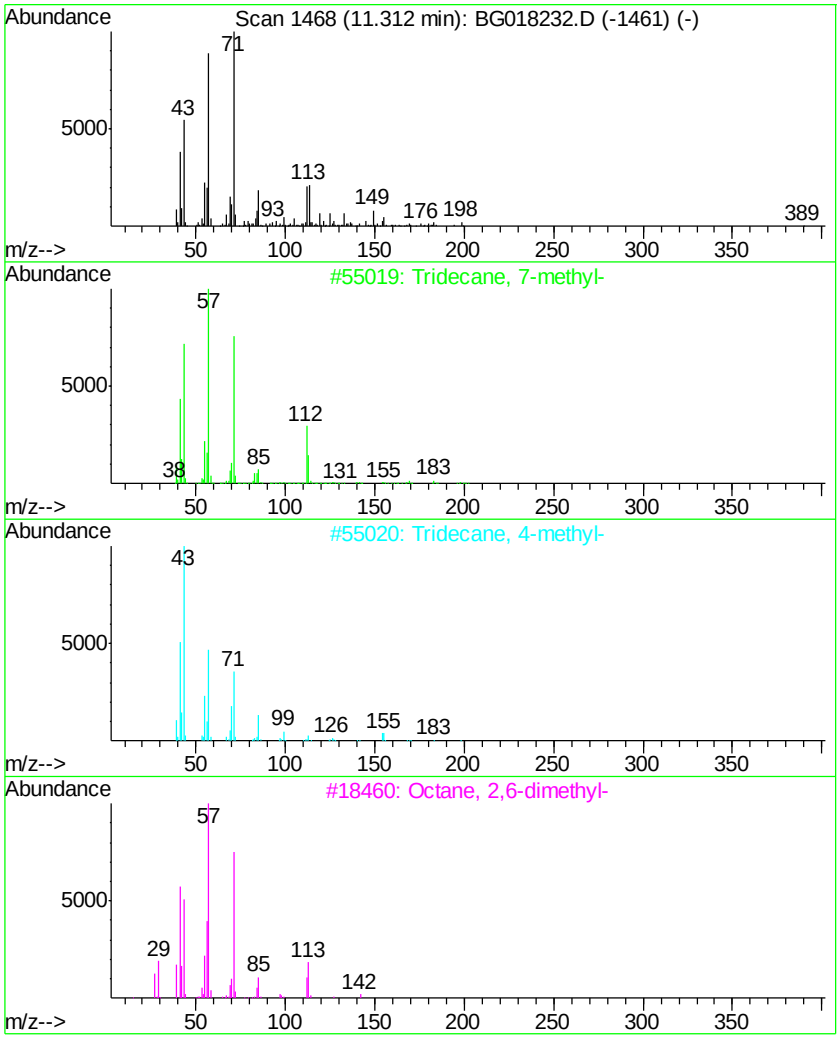
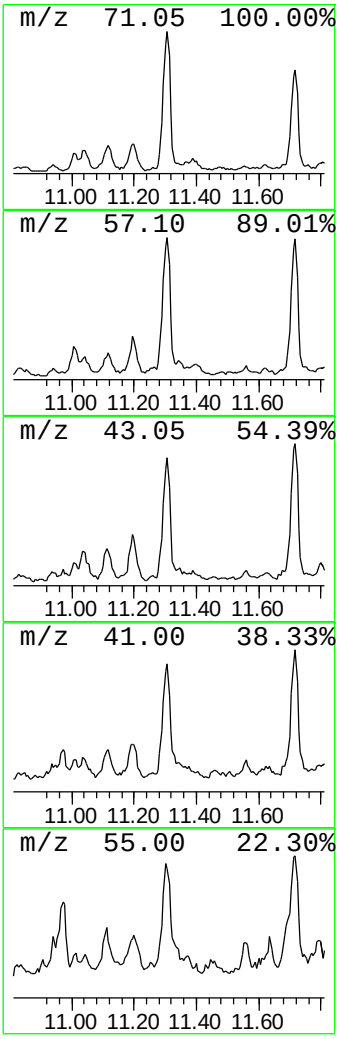
Peak Number 30 (DEL) Alkane: Cyclic11.31 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.31	12.99 ng/ul	1049190	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-methyl-	198	C14H30	026730-14-3	58
2	Tridecane, 4-methyl-	198	C14H30	026730-12-1	50
3	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	50
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47
5	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	47





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C02A2RE

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Quant Title : SVOA CALIBRATION

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

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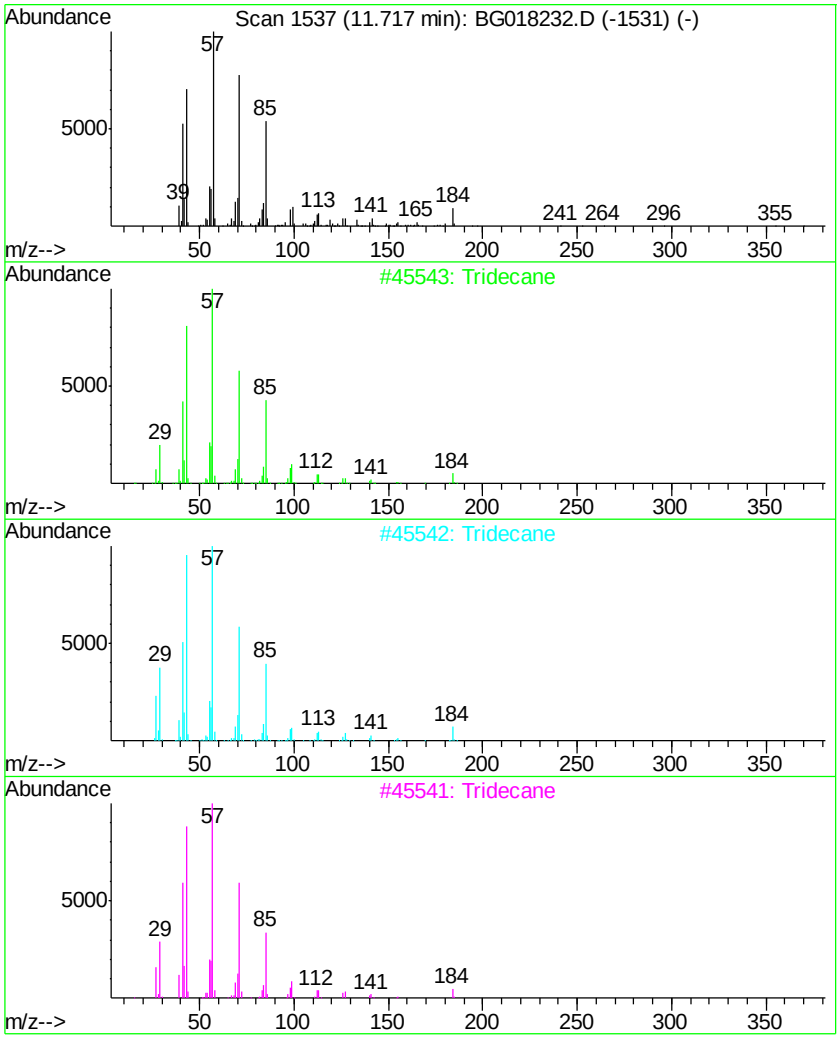
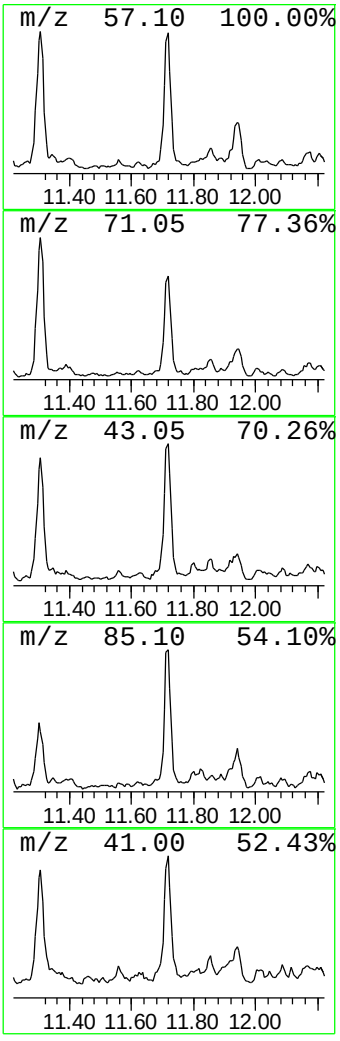
Peak Number 31 (DEL) Alkane: Branched11.72 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	9.39 ng/ul	758768	Naphthalene-d8	10.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	96
2	Tridecane	184	C13H28	000629-50-5	95
3	Tridecane	184	C13H28	000629-50-5	91
4	Tetradecane	198	C14H30	000629-59-4	87
5	Tridecane	184	C13H28	000629-50-5	87





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Instrument : BNA_G
ClientSampleId : C02A2RE

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Quant Title : SVOA CALIBRATION

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

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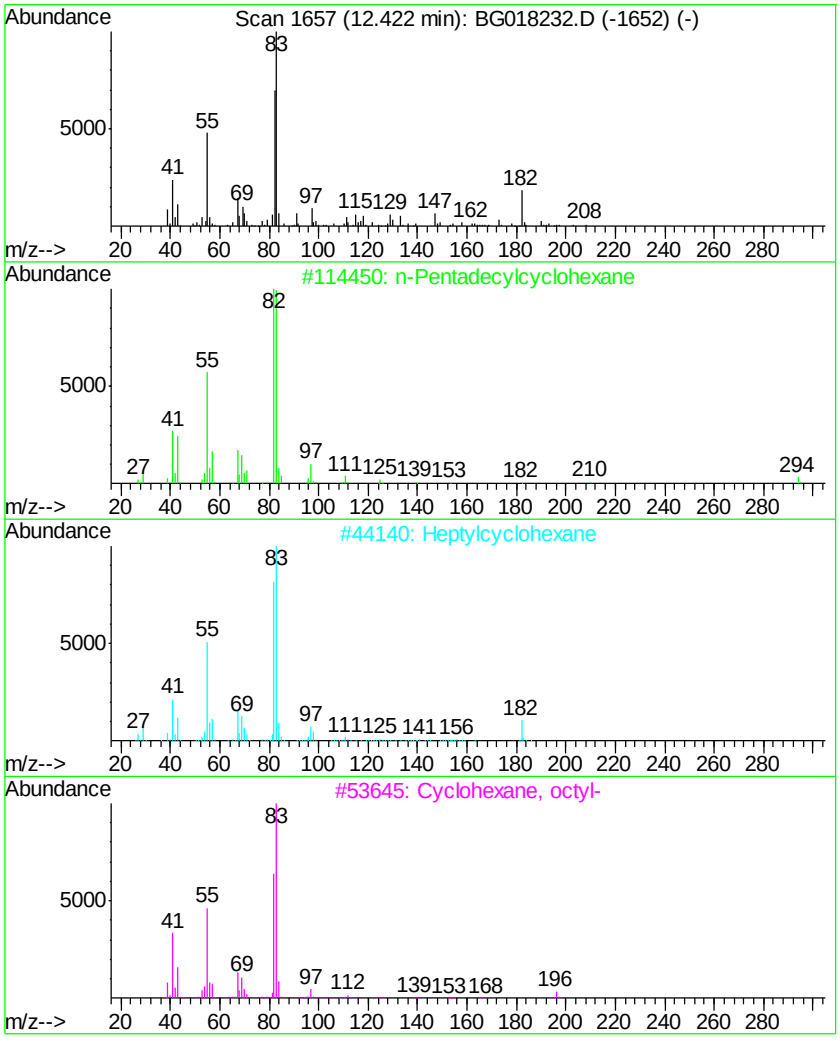
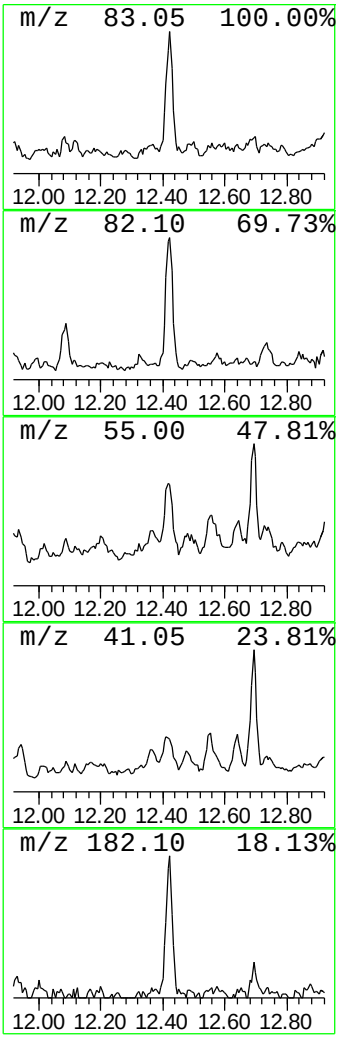
Peak Number 32 n-Pentadecylcyclohexane Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	4.51 ng/ul	283875	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Pentadecylcyclohexane	294	C21H42	006006-95-7	72
2	Heptylcyclohexane	182	C13H26	005617-41-4	72
3	Cyclohexane, octyl-	196	C14H28	001795-15-9	62
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	59
5	Cyclohexane, hexyl-	168	C12H24	004292-75-5	59





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ClientSampleId : C02A2RE

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Quant Title : SVOA CALIBRATION

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

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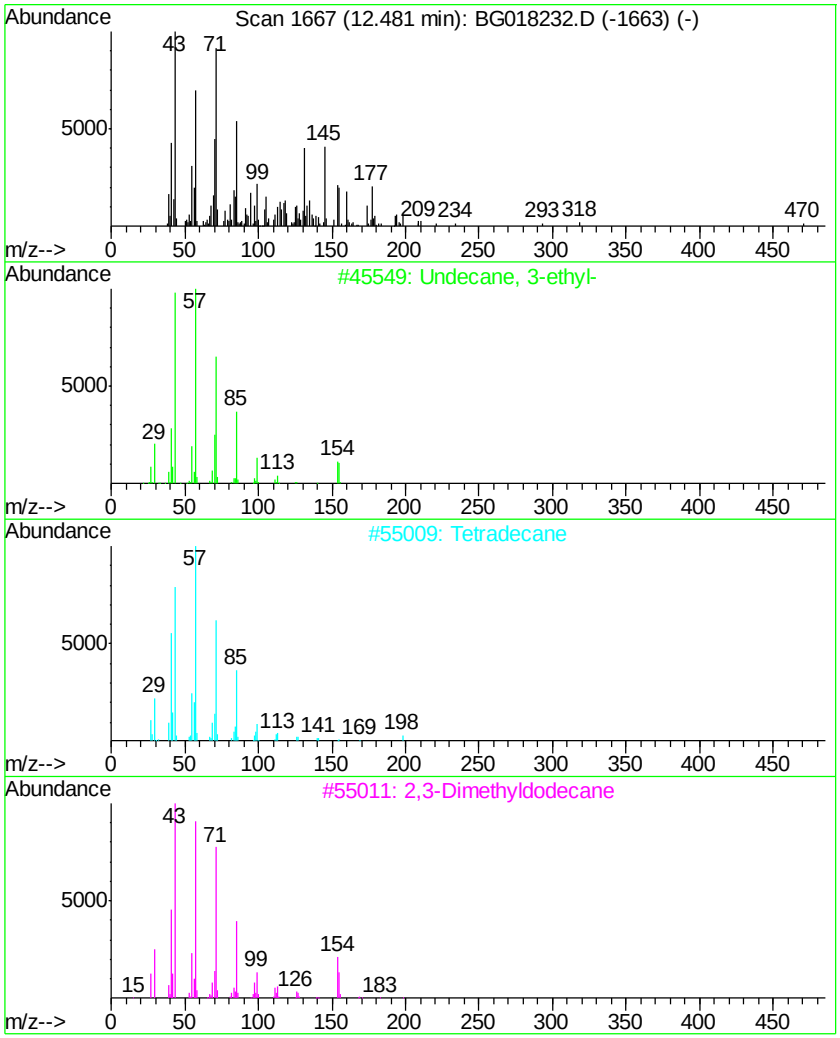
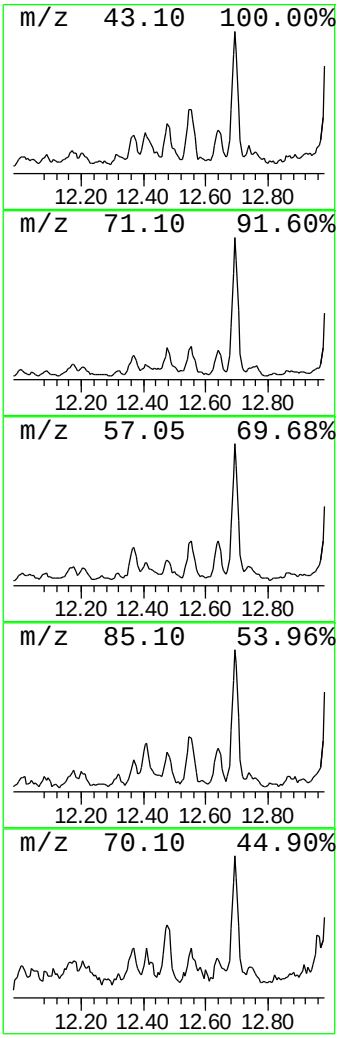
Peak Number 33 (DEL) Alkane: Branched12.48 Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.48	3.93 ng/ul	247531	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3-ethyl-	184	C13H28	017312-58-2	50
2	Tetradecane	198	C14H30	000629-59-4	45
3	2,3-Dimethyldodecane	198	C14H30	006117-98-2	43
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	43
5	Decane, 3,3,6-trimethyl-	184	C13H28	062338-14-1	38





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Acq On : 2 Aug 2015 18:45
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Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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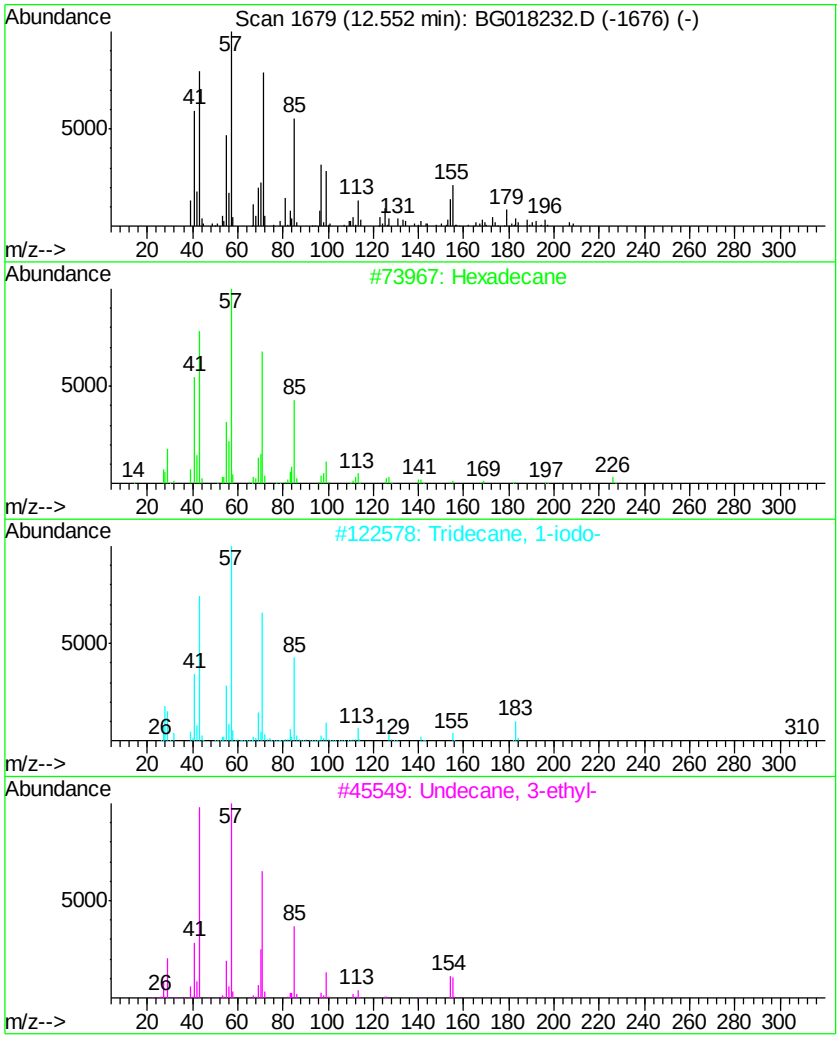
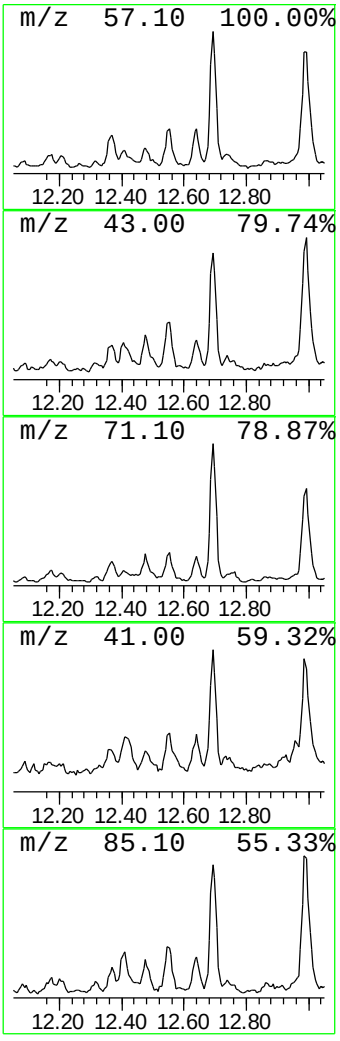
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.55	6.46 ng/ul	407238	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	53
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52
3	Undecane, 3-ethyl-	184	C13H28	017312-58-2	50
4	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	47
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	43





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

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Quant Title : SVOA CALIBRATION

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

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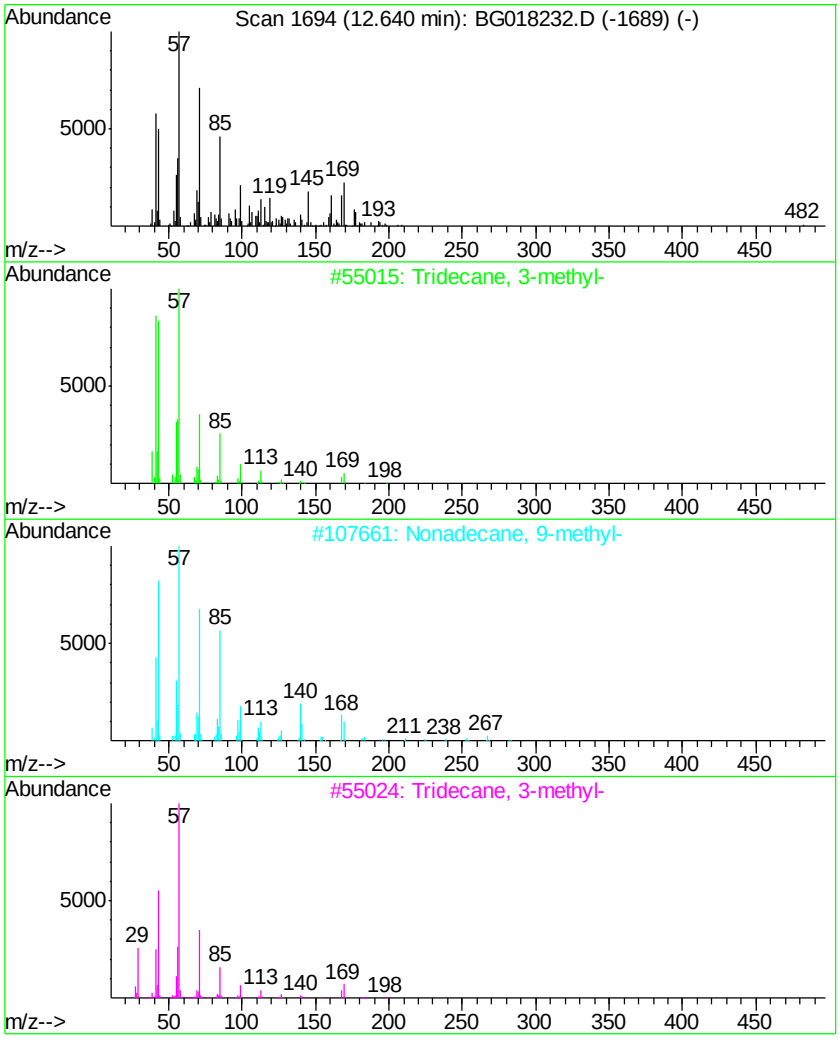
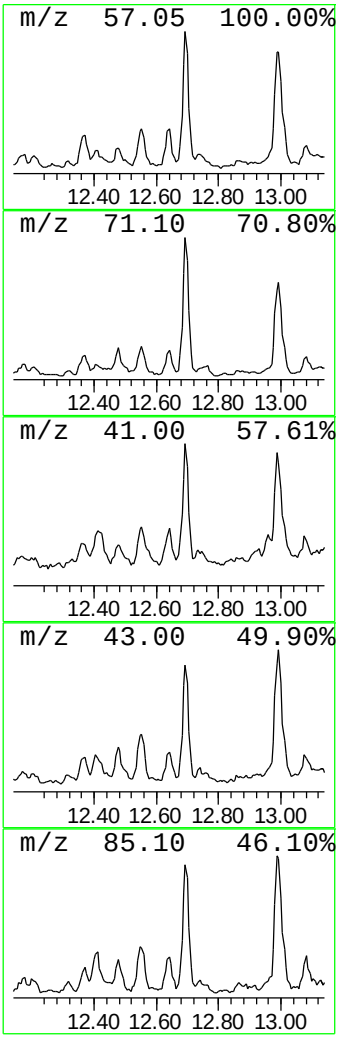
Peak Number 35 (DEL) Alkane: Branched12.64 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.64	5.37 ng/ul	338607	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	87
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3	Tridecane, 3-methyl-	198	C14H30	006418-41-3	50
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	50
5	Tetratetracontane	619	C44H90	007098-22-8	47





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Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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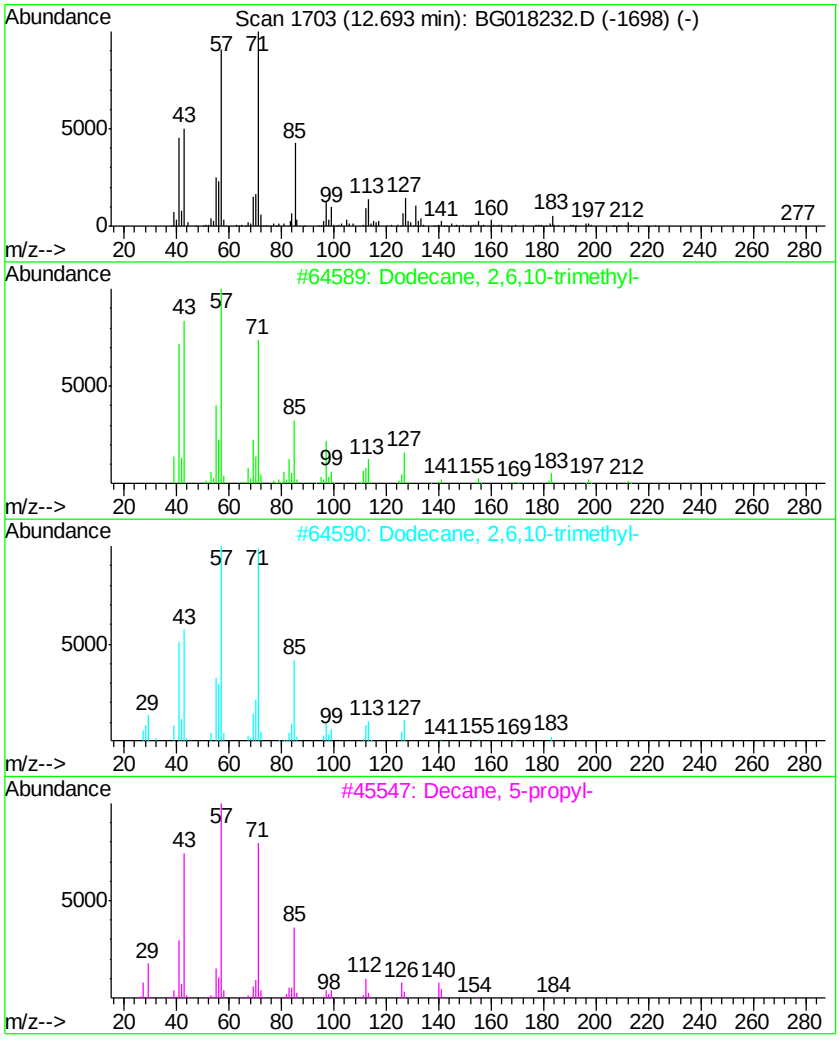
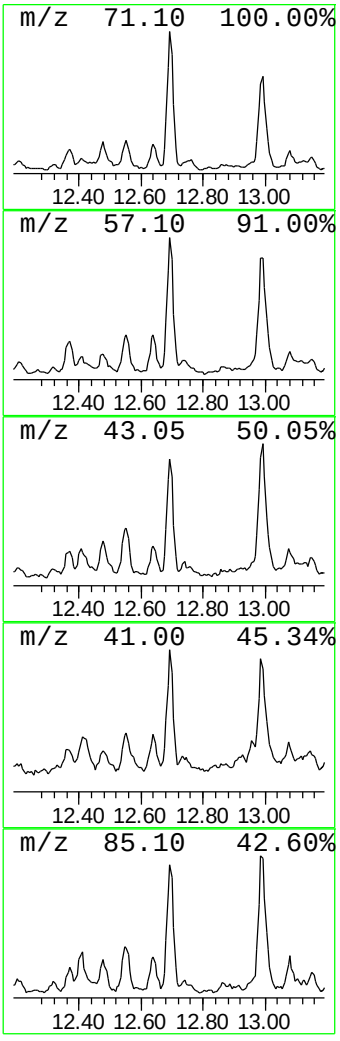
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	13.89 ng/ul	874939	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	93
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	91
3	Decane, 5-propyl-	184	C13H28	017312-62-8	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	62





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Misc :
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Instrument : BNA_G
ClientSampleId : C02A2RE

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Quant Title : SVOA CALIBRATION

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

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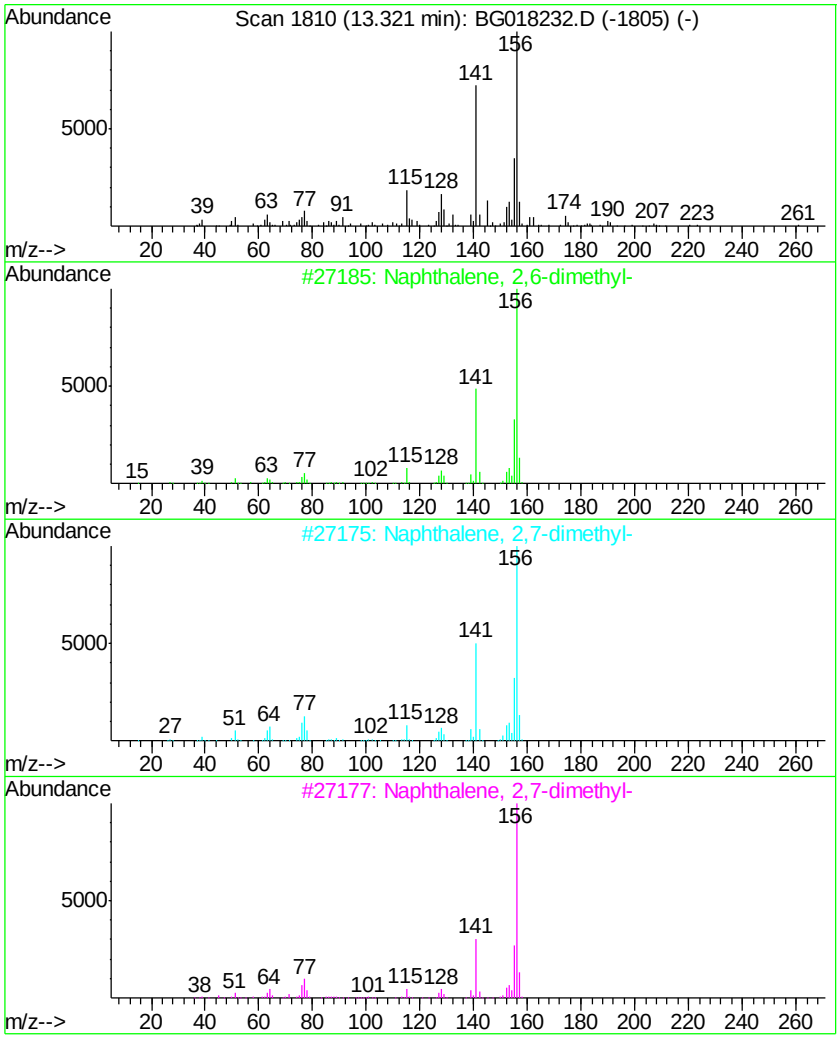
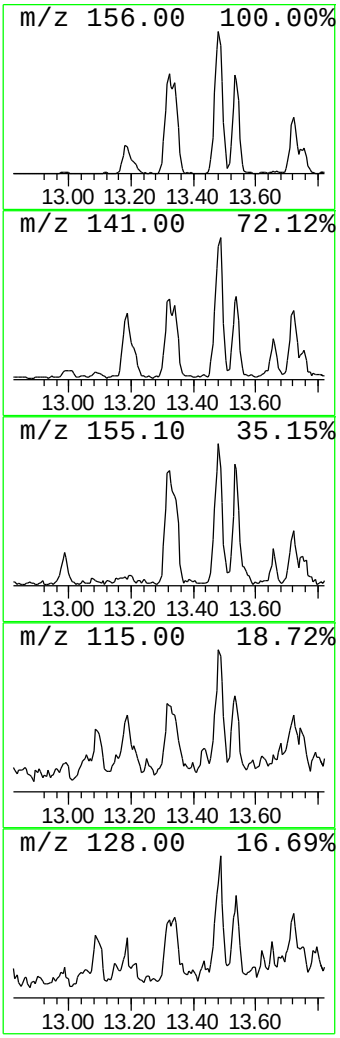
Peak Number 39 Naphthalene, 2,6-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.32	8.68 ng/ul	546650	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	87





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Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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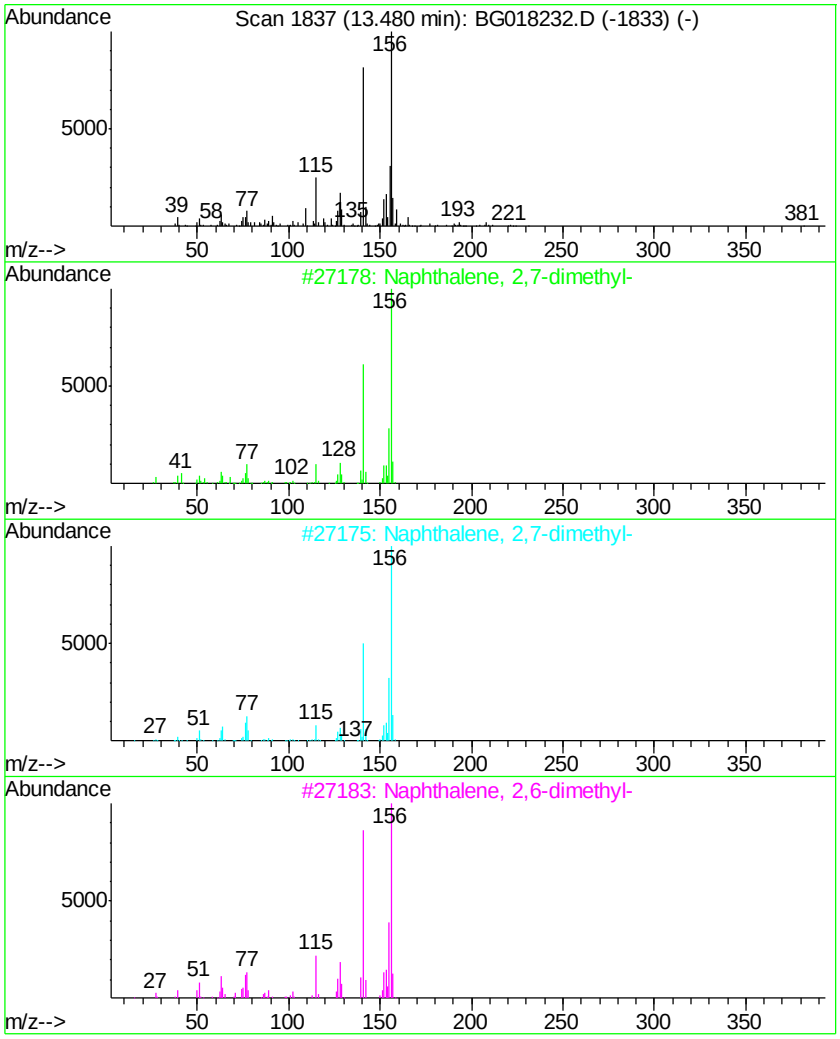
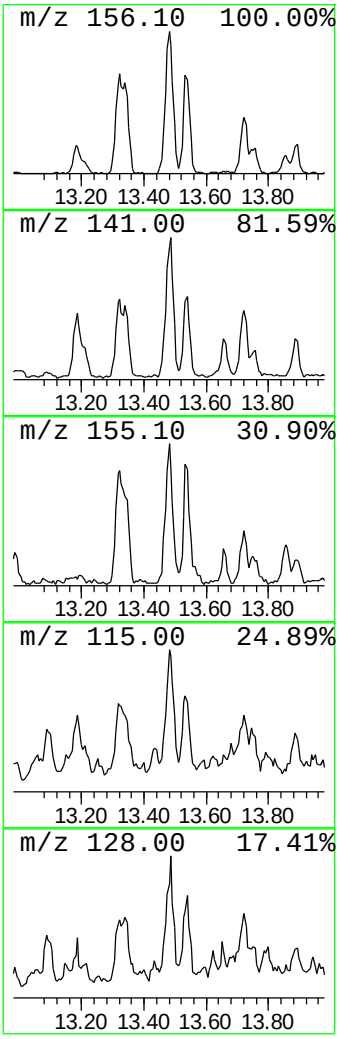
Peak Number 40 Naphthalene, 2,7-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.48	7.61 ng/ul	479371	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93





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Instrument : BNA_G
ClientSampleId : C02A2RE

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Quant Title : SVOA CALIBRATION

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

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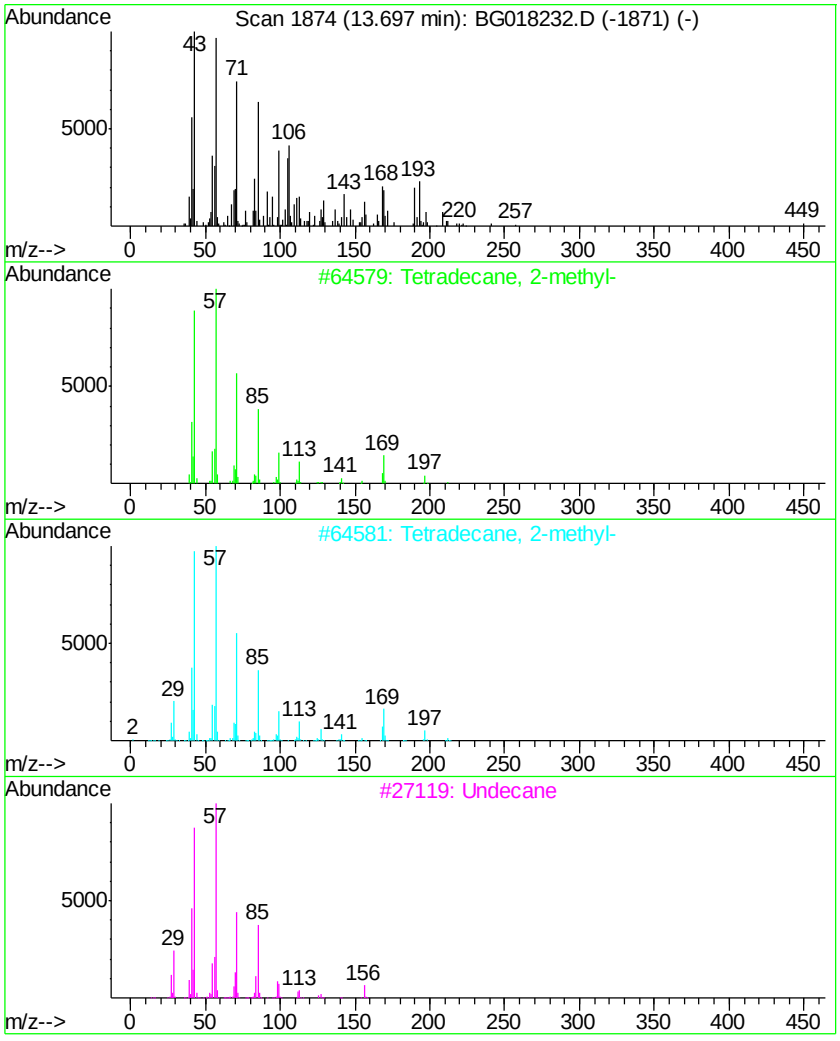
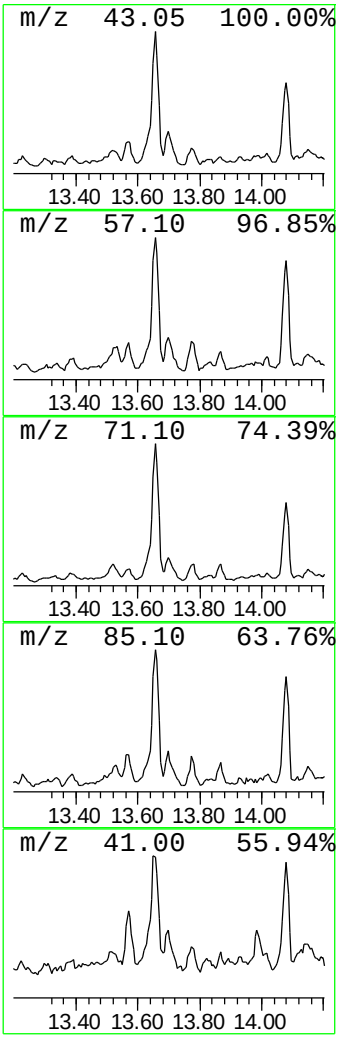
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.70	6.21 ng/ul	391122	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	50
2	Tetradecane, 2-methyl-	212	C15H32	001560-95-8	42
3	Undecane	156	C11H24	001120-21-4	38
4	Pentadecane	212	C15H32	000629-62-9	38
5	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	35





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Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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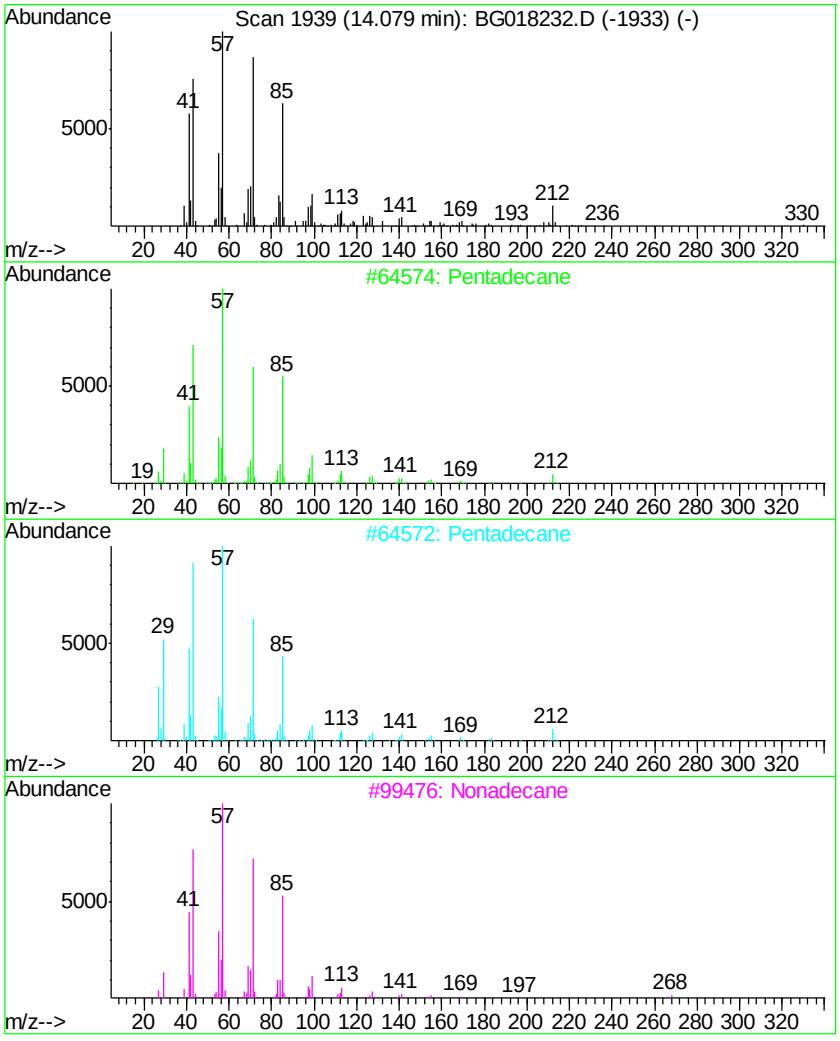
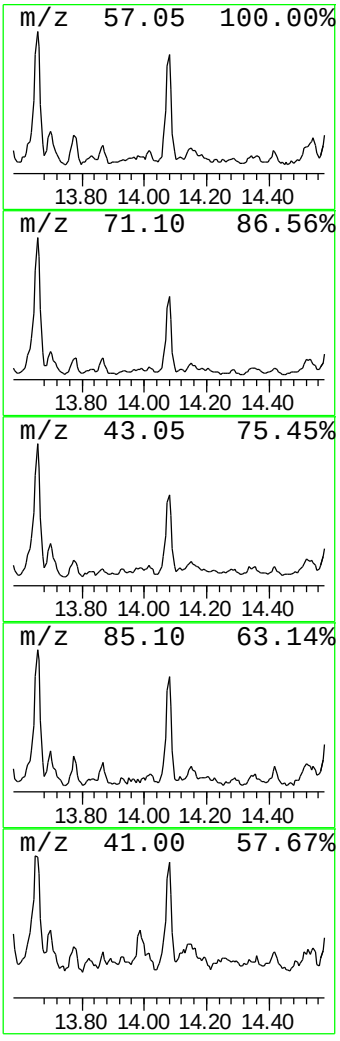
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.08	10.89 ng/ul	686055	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Pentadecane	212	C15H32	000629-62-9	93
3	Nonadecane	268	C19H40	000629-92-5	91
4	10-Methylnonadecane	282	C20H42	056862-62-5	87
5	Tridecane	184	C13H28	000629-50-5	86





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Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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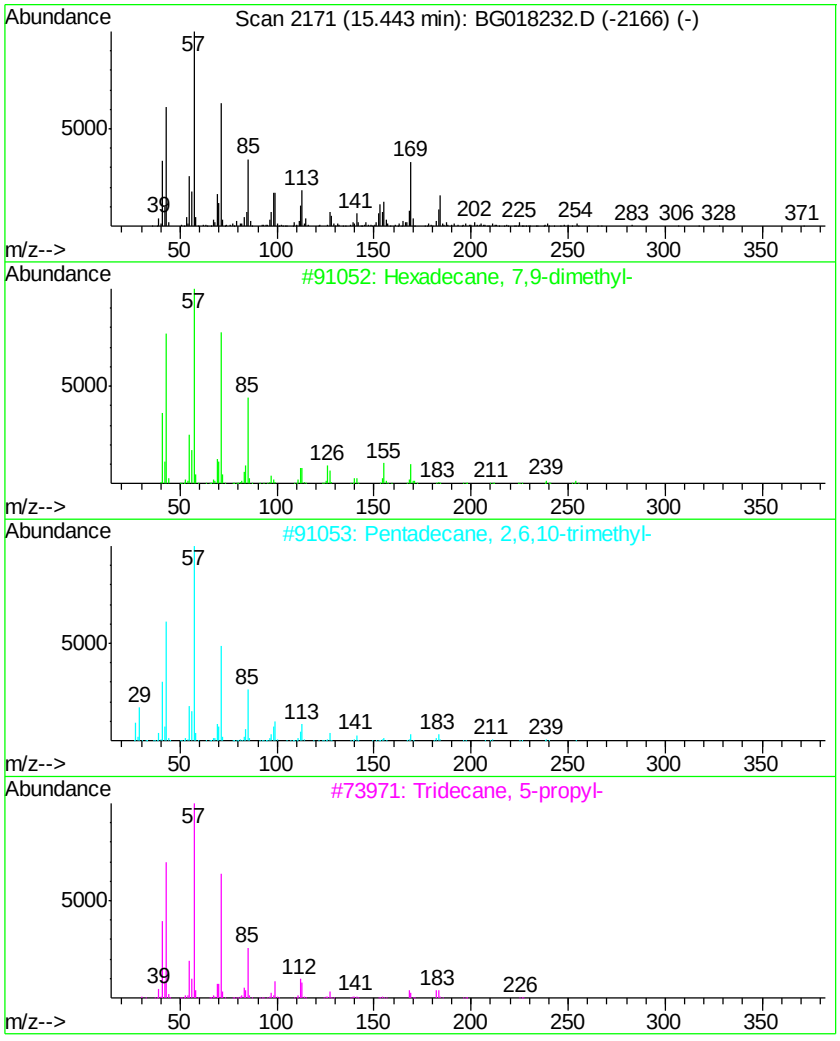
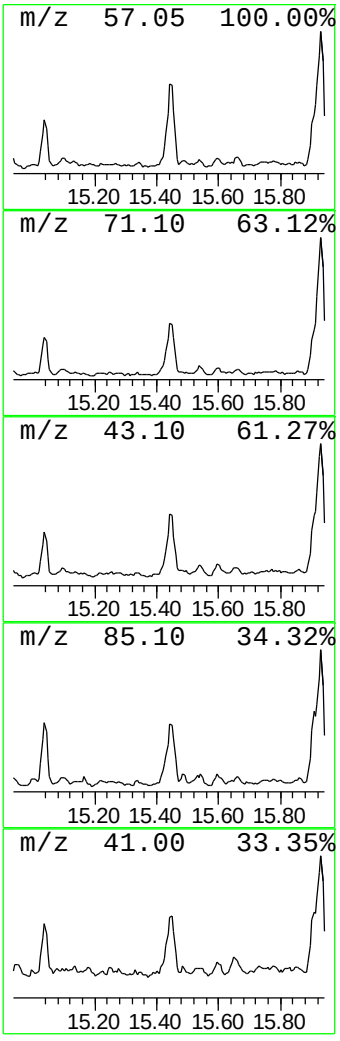
Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.44	14.77 ng/ul	930412	Acenaphthene-d10	14.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	78
2	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	70
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	60
4	Dodecane	170	C12H26	000112-40-3	55
5	Octadecane	254	C18H38	000593-45-3	55





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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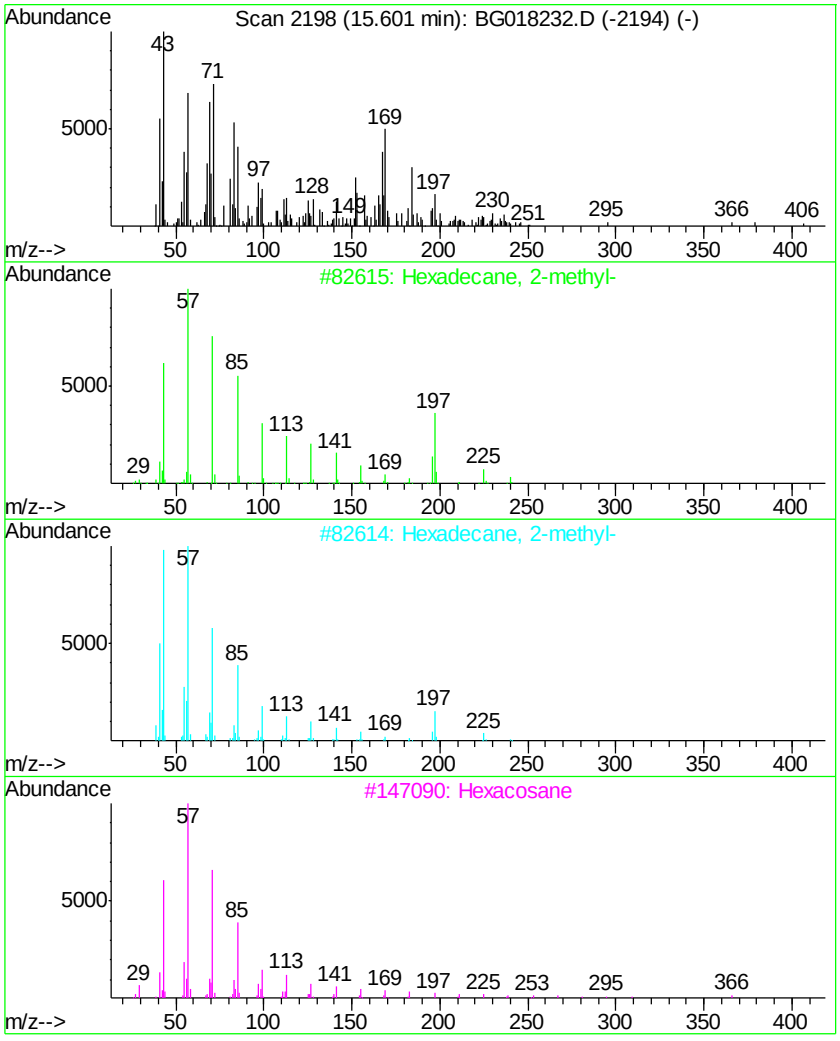
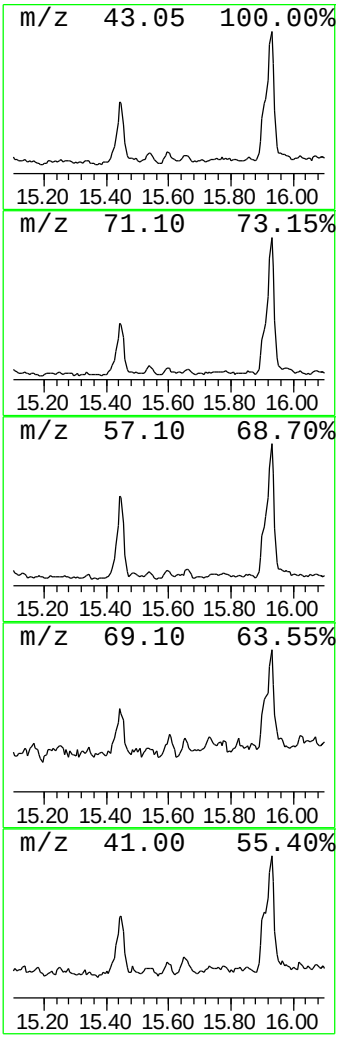
Peak Number 48 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	7.48 ng/ul	256190	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	84
2	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	62
3	Hexacosane	366	C26H54	000630-01-3	46
4	Hexacosane	366	C26H54	000630-01-3	46
5	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	41





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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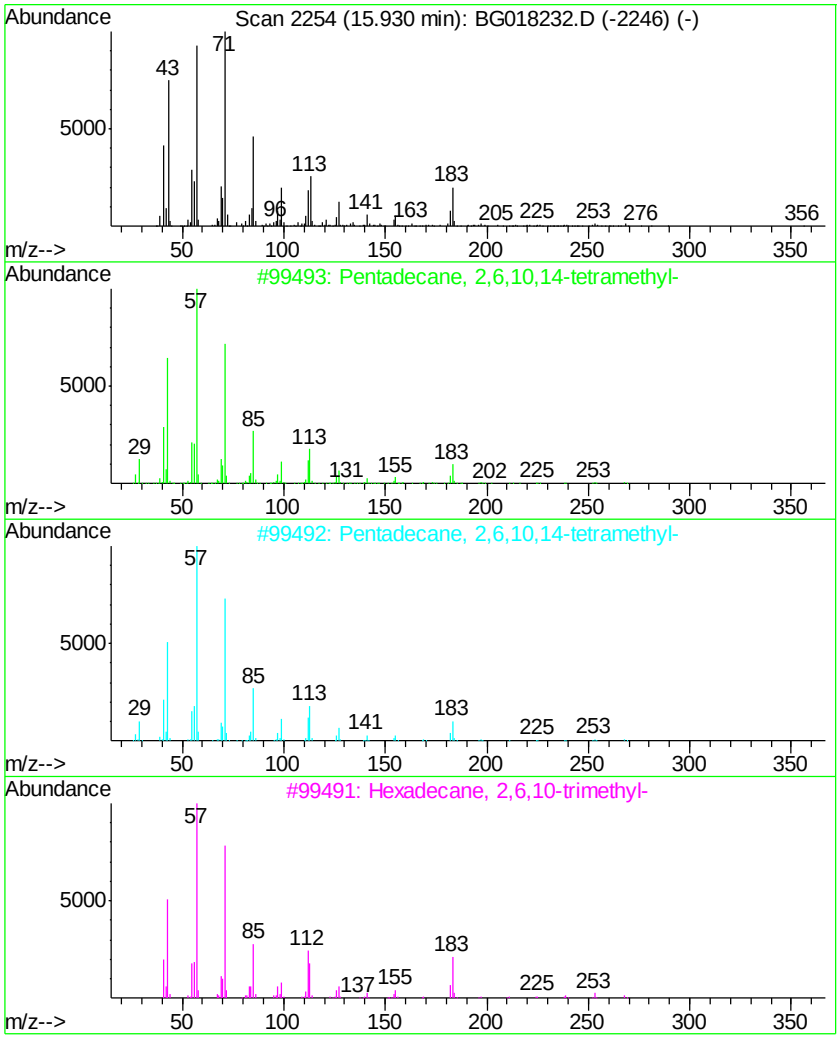
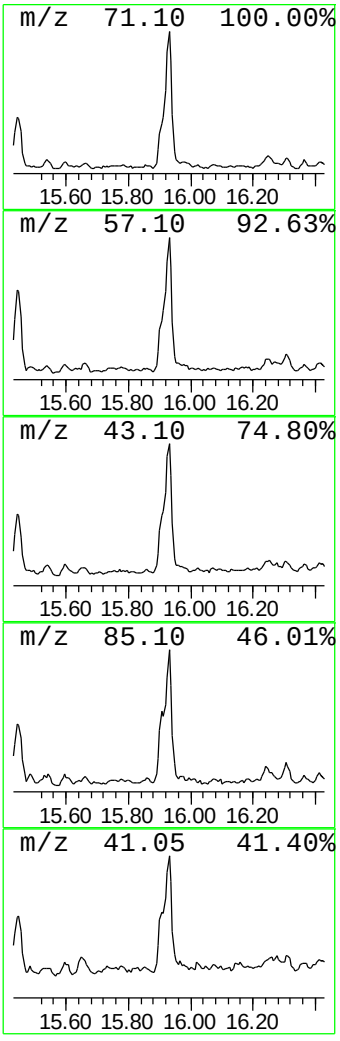
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	70.68 ng/ul	2422070	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	94
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	93
3	Hexadecane, 2,6,10-trimethyl-	268	C19H40	055000-52-7	91
4	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
5	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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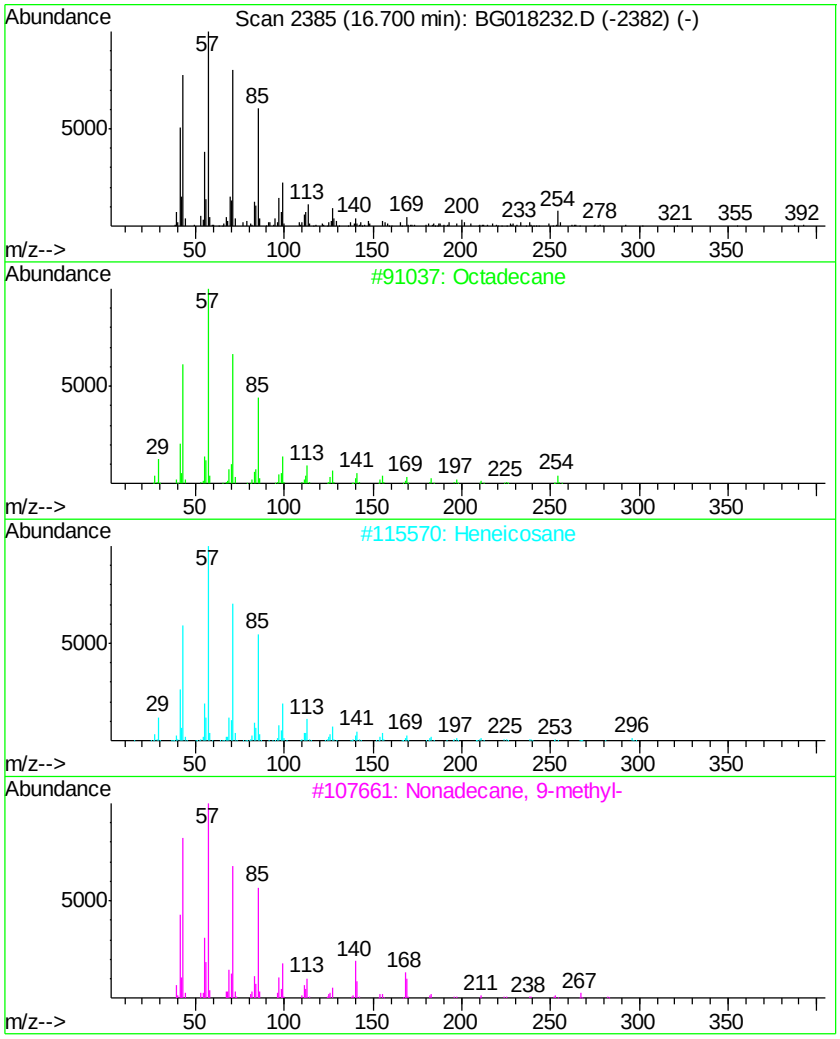
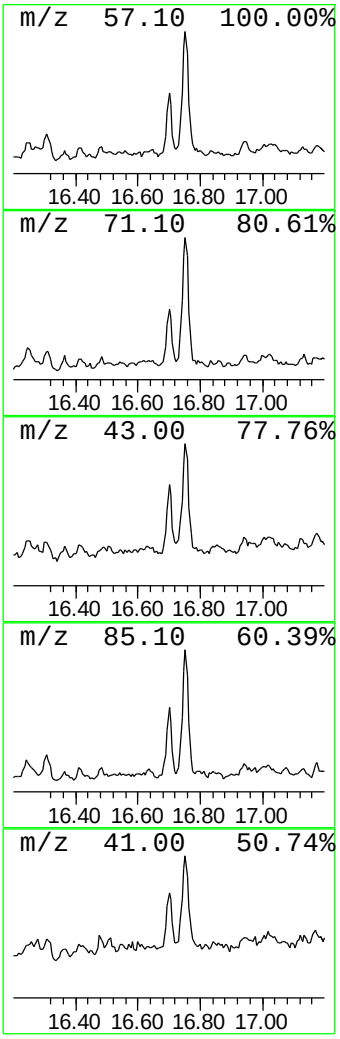
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	9.54 ng/ul	327080	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Heneicosane	296	C21H44	000629-94-7	91
3	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Tetratriacontane	479	C34H70	014167-59-0	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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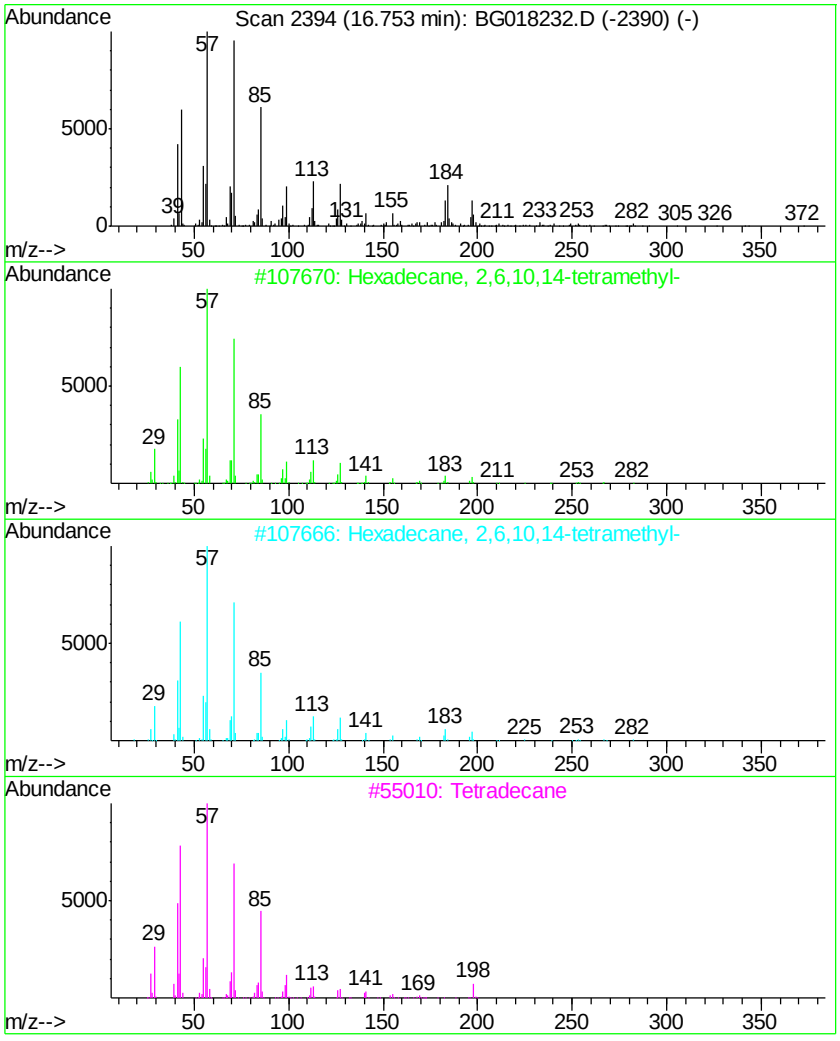
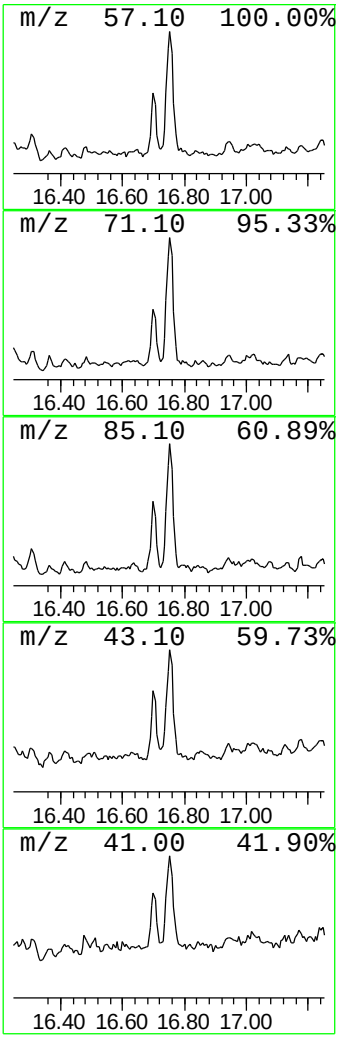
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.75	37.47 ng/ul	1284040	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	93
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Tetradecane	198	C14H30	000629-59-4	70
4	Tridecane	184	C13H28	000629-50-5	68
5	Tridecane	184	C13H28	000629-50-5	68





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.M
Quant Title : SVOA CALIBRATION

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

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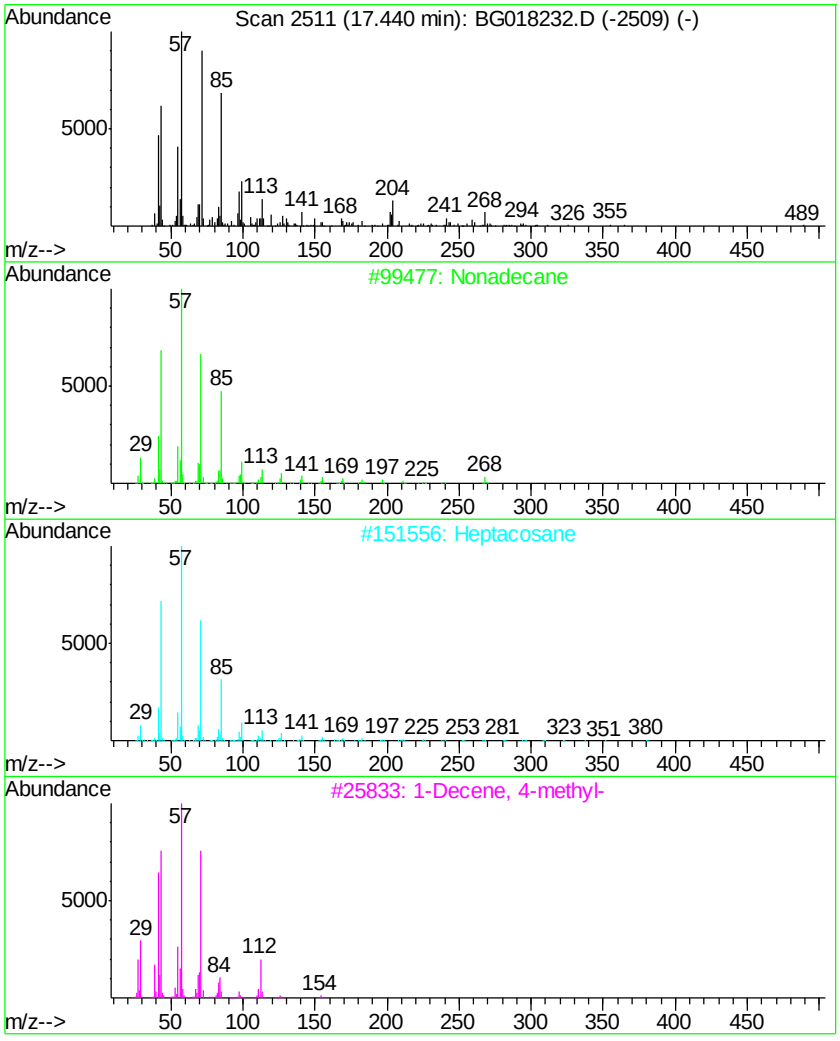
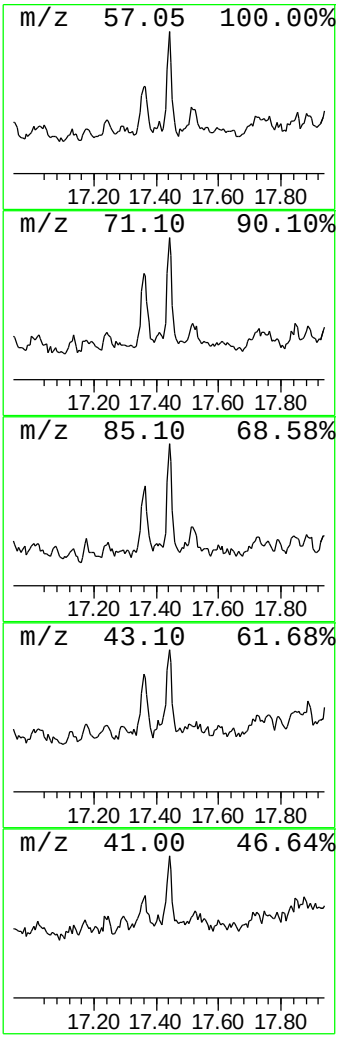
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.44	11.33 ng/ul	388252	Phenanthrene-d10	16.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptacosane	380	C27H56	000593-49-7	58
3	1-Decene, 4-methyl-	154	C11H22	013151-29-6	50
4	13,17,21-Trimethyltritriacontane	479	C34H70	081469-02-5	50
5	3-Bromooctane	192	C8H17Br	000999-64-4	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG080215\
Data File : BG018232.D
Acq On : 2 Aug 2015 18:45
Operator : TP
Sample : G3065-09RE
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C02A2RE

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG073115.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
Benzene, 1-ethyl-...	6.58	8.1	ng/ul	247800	1	7.48	612740	20.0
(DEL) Alkane: Str...	7.11	21.3	ng/ul	651760	1	7.48	612740	20.0
Cyclohexane, butyl-	7.76	7.1	ng/ul	216482	1	7.48	612740	20.0
Benzene, 1-methyl...	8.03	13.8	ng/ul	422596	1	7.48	612740	20.0
Benzene, 1-ethyl-...	8.12	23.5	ng/ul	721105	1	7.48	612740	20.0
Benzene, 1-methyl...	8.49	7.5	ng/ul	229293	1	7.48	612740	20.0
(DEL) Alkane: Str...	8.71	33.7	ng/ul	1031970	1	7.48	612740	20.0
Benzene, 4-ethyl-...	8.91	3.9	ng/ul	314691	2	10.27	1615460	20.0
Benzene, 1,2,3,4-...	9.11	5.1	ng/ul	410264	2	10.27	1615460	20.0
Benzene, 1,2,4,5-...	9.17	7.1	ng/ul	573239	2	10.27	1615460	20.0
Benzene, 1-methyl...	9.68	8.5	ng/ul	688016	2	10.27	1615460	20.0
Phenol, 3-ethyl-	9.75	10.6	ng/ul	856777	2	10.27	1615460	20.0
Phenol, 3,5-dimet...	9.79	11.0	ng/ul	886008	2	10.27	1615460	20.0
(DEL) Alkane: Str...	10.44	5.7	ng/ul	456962	2	10.27	1615460	20.0
Benzene, 1-ethyl-...	10.50	2.5	ng/ul	199494	2	10.27	1615460	20.0
(DEL) Alkane: Str...	11.12	4.0	ng/ul	325816	2	10.27	1615460	20.0
1H-Indene, 2,3-di...	11.19	5.1	ng/ul	413667	2	10.27	1615460	20.0
(DEL) Alkane: Cyc...	11.31	13.0	ng/ul	1049190	2	10.27	1615460	20.0
(DEL) Alkane: Bra...	11.72	9.4	ng/ul	758768	2	10.27	1615460	20.0
n-Pentadecylcyclo...	12.42	4.5	ng/ul	283875	3	14.17	1260220	20.0
(DEL) Alkane: Bra...	12.48	3.9	ng/ul	247531	3	14.17	1260220	20.0
(DEL) Alkane: Str...	12.55	6.5	ng/ul	407238	3	14.17	1260220	20.0
(DEL) Alkane: Bra...	12.64	5.4	ng/ul	338607	3	14.17	1260220	20.0
(DEL) Alkane: Str...	12.69	13.9	ng/ul	874939	3	14.17	1260220	20.0
Naphthalene, 2,6-...	13.32	8.7	ng/ul	546650	3	14.17	1260220	20.0
Naphthalene, 2,7-...	13.48	7.6	ng/ul	479371	3	14.17	1260220	20.0
(DEL) Alkane: Str...	13.70	6.2	ng/ul	391122	3	14.17	1260220	20.0
(DEL) Alkane: Str...	14.08	10.9	ng/ul	686055	3	14.17	1260220	20.0
(DEL) Alkane: Str...	15.44	14.8	ng/ul	930412	3	14.17	1260220	20.0
(DEL) Alkane: Str...	15.60	7.5	ng/ul	256190	4	16.93	685387	20.0
(DEL) Alkane: Str...	15.93	70.7	ng/ul	2422070	4	16.93	685387	20.0
(DEL) Alkane: Str...	16.70	9.5	ng/ul	327080	4	16.93	685387	20.0
(DEL) Alkane: Str...	16.75	37.5	ng/ul	1284040	4	16.93	685387	20.0
(DEL) Alkane: Str...	17.44	11.3	ng/ul	388252	4	16.93	685387	20.0