LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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-BG091015.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.179	53	58	80	rVB	567122	837369	9.95%	0.930%
2	7.156	728	735	748	rVB4	275752	701762	8.34%	0.780%
3	7.321	758	763	769	rVB	244863	403369	4.79%	0.448%
4	7.532	795	799	815	rVB3	277134	771651	9.17%	0.857%
5	7.715	826	830	836	rVB3	132470	253272	3.01%	0.281%
6	7.920	855	865	868	rBV6	121385	338892	4.03%	0.377%
7	7.973	868	874	884	rVB2	653451	1408611	16.73%	1.565%
8	8.067	884	890	896	rVB3	147159	291018	3.46%	0.323%
9	8.185	905	910	915	rVB3	185142	290890	3.46%	0.323%
10	8.284	923	927	933	rVB3	365351	626843	7.45%	0.697%
11	8.349	933	938	945	rVB2	134831	258432	3.07%	0.287%
12	8.443	945	954	959	rBV7	92112	278601	3.31%	0.310%
13	8.525	959	968	971	rBV4	300991	619047	7.35%	0.688%
14	8.584	976	978	983	rVB	216397	273951	3.25%	0.304%
15	8.702	993	998	1004	rVB	261321	416689	4.95%	0.463%
16	8.760	1004	1008	1013	rBV5	131819	246797	2.93%	0.274%
17	8.837	1016	1021	1027	rBV	357490	597786	7.10%	0.664%
18	9.001	1037	1049	1056	rBV9	113889	440610	5.23%	0.490%
19	9.078	1056	1062	1063	rBV3	240913	348477	4.14%	0.387%
20	9.107	1063	1067	1072	rVV2	432065	853798	10.14%	0.949%
21	9.154	1072	1075	1079	rVV2	246802	429968	5.11%	0.478%
22	9.201	1079	1083	1090	rVB3	330764	571289	6.79%	0.635%
23	9.319	1098	1103	1105	rBV2	305411	525123	6.24%	0.584%
24	9.354	1106	1109	1115	rVB4	313746	588620	6.99%	0.654%
25	9.477	1118	1130	1135	rVB5	233813	619312	7.36%	0.688%
26	9.577	1138	1147	1152	rBV10	92102	313637	3.73%	0.349%
27	9.642	1153	1158	1163	rVB2	272056	400626	4.76%	0.445%
28	9.724	1165	1172	1177	rBV2	588435	1004266	11.93%	1.116%
29	9.883	1190	1199	1202	rBV5	287419	628725	7.47%	0.699%
30	9.930	1202	1207	1211	rVB2	594124	970850	11.53%	1.079%
31	9.982	1211	1216	1223	rVB4	734517	1208049	14.35%	1.342%
32	10.053	1223	1228	1230	rBV2	235530	358822	4.26%	0.399%
33	10.147	1237	1244	1249	rVB3	454523	795369	9.45%	0.884%
34	10.329	1268	1275	1279	rBV2	342198	575163	6.83%	0.639%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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-BG091015.M
Title : SVOA CALIBRATION

35	10.382	1280	1284	1287	rBV3	172149	282198	3.35%	0.314%
36	10.423	1287	1291	1298	rVB	301444	575330	6.83%	0.639%
37	10.505	1300	1305	1307	rBV2	199457	342428	4.07%	0.380%
38	10.588	1314	1319	1323	rBV3	205973	348732	4.14%	0.388%
39	10.658	1328	1331	1334	rVV2	230250	344551	4.09%	0.383%
40	10.699	1334	1338	1343	rVV3	323412	681485	8.09%	0.757%
41	10.805	1345	1356	1363	rVV7	608667	2538939	30.16%	2.821%
42	10.876	1365	1368	1372	rVV3	259528	475797	5.65%	0.529%
43	10.928	1372	1377	1378	rVV3	531842	870101	10.33%	0.967%
44	10.964	1379	1383	1388	rVB	1238487	1976134	23.47%	2.196%
45	11.022	1388	1393	1400	rBV4	275847	596036	7.08%	0.662%
46	11.093	1403	1405	1410	rVB5	219878	310312	3.69%	0.345%
47	11.216	1423	1426	1432	rVB3	173763	273276	3.25%	0.304%
48	11.299	1436	1440	1445	rVB3	260640	418318	4.97%	0.465%
49	11.469	1464	1469	1470	rBV2	325284	481171	5.72%	0.535%
50	11.504	1470	1475	1482	rVV3	1010056	2027892	24.09%	2.253%
51	11.563	1482	1485	1491	rVB5	202511	330611	3.93%	0.367%
52	11.634	1493	1497	1503	rVB3	647073	1043671	12.40%	1.160%
53	11.704	1503	1509	1519	rVB9	206791	734827	8.73%	0.817%
54	11.827	1524	1530	1534	rBV	1470799	2279943	27.08%	2.533%
55	11.992	1554	1558	1566	rVB6	233468	501176	5.95%	0.557%
56	12.086	1571	1574	1578	rVB5	212492	284515	3.38%	0.316%
57	12.151	1579	1585	1590	rVB7	188165	416234	4.94%	0.463%
58	12.203	1590	1594	1597	rBV2	251197	422455	5.02%	0.469%
59	12.245	1598	1601	1607	rVB8	178955	367828	4.37%	0.409%
60	12.433	1627	1633	1640	rVB4	528031	1285230	15.27%	1.428%
61	12.844	1697	1703	1707	rBV4	424244	787806	9.36%	0.875%
62	12.908	1707	1714	1719	rVV2	780114	1472622	17.49%	1.636%
63	12.985	1724	1727	1731	rVB5	203562	293370	3.48%	0.326%
64	13.167	1753	1758	1763	rVB	1882441	2736256	32.50%	3.040%
65	13.220	1763	1767	1773	rVB7	200299	356049	4.23%	0.396%
66	13.343	1783	1788	1792	rBV5	150032	327037	3.88%	0.363%
67	13.431	1798	1803	1807	rBV4	367431	724372	8.60%	0.805%
68	13.473	1807	1810	1814	rVB3	319204	447003	5.31%	0.497%
69	13.684	1844	1846	1852	rVB4	309195	424506	5.04%	0.472%
70	13.901	1880	1883	1887	rBV4	302906	478795	5.69%	0.532%
71	13.948	1888	1891	1896	rVB	431032	675527	8.02%	0.751%

LSC Area Percent Report

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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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-BG091015.M
Title : SVOA CALIBRATION

72	14.025	1897	1904	1908	rVV2	492005	1144341	13.59%	1.272%
73	14.107	1914	1918	1923	rVB	2525645	3688728	43.81%	4.099%
74	14.160	1923	1927	1934	rBV6	223546	634584	7.54%	0.705%
75	14.324	1950	1955	1959	rBV3	672005	1023398	12.16%	1.137%
76	14.465	1975	1979	1984	rVB2	525459	847547	10.07%	0.942%
77	14.595	1997	2001	2004	rBV2	590822	964882	11.46%	1.072%
78	14.630	2004	2007	2012	rVB3	642444	1033390	12.27%	1.148%
79	14.718	2019	2022	2025	rVB3	264966	302071	3.59%	0.336%
80	15.024	2070	2074	2079	rVB	736713	1002314	11.91%	1.114%
81	15.100	2085	2087	2091	rVB	396534	420390	4.99%	0.467%
82	15.147	2091	2095	2107	rVB7	706625	1401206	16.64%	1.557%
83	15.247	2108	2112	2116	rBV2	534986	881023	10.46%	0.979%
84	15.347	2126	2129	2134	rBV5	268405	404186	4.80%	0.449%
85	15.517	2155	2158	2163	rVB4	305042	434526	5.16%	0.483%
86	15.570	2164	2167	2172	rBV5	339570	634868	7.54%	0.705%
87	15.617	2172	2175	2179	rVB	644567	855794	10.16%	0.951%
88	15.664	2180	2183	2186	rBV3	328009	473426	5.62%	0.526%
89	15.881	2215	2220	2226	rVB	2616686	4093337	48.62%	4.548%
90	16.087	2252	2255	2259	rVB2	517255	630965	7.49%	0.701%
91	16.263	2282	2285	2289	rBV5	315897	541178	6.43%	0.601%
92	16.363	2295	2302	2306	rBV	5060604	8419055	100.00%	9.355%
93	17.180	2436	2441	2445	rBV	2178307	3029789	35.99%	3.367%
94	17.374	2470	2474	2479	rBV3	703721	1229999	14.61%	1.367%
95	17.474	2487	2491	2499	rVB2	918493	1514879	17.99%	1.683%
96	17.779	2539	2543	2548	rVB3	580895	803869	9.55%	0.893%
97	19.753	2873	2879	2891	rVB	967457	1526546	18.13%	1.696%
98	21.622	3190	3197	3206	rBV	753580	1208983	14.36%	1.343%
99	24.589	3690	3702	3713	rBV2	512102	1432232	17.01%	1.591%
100	24.806	3728	3739	3752	rBV	434101	1236726	14.69%	1.374%

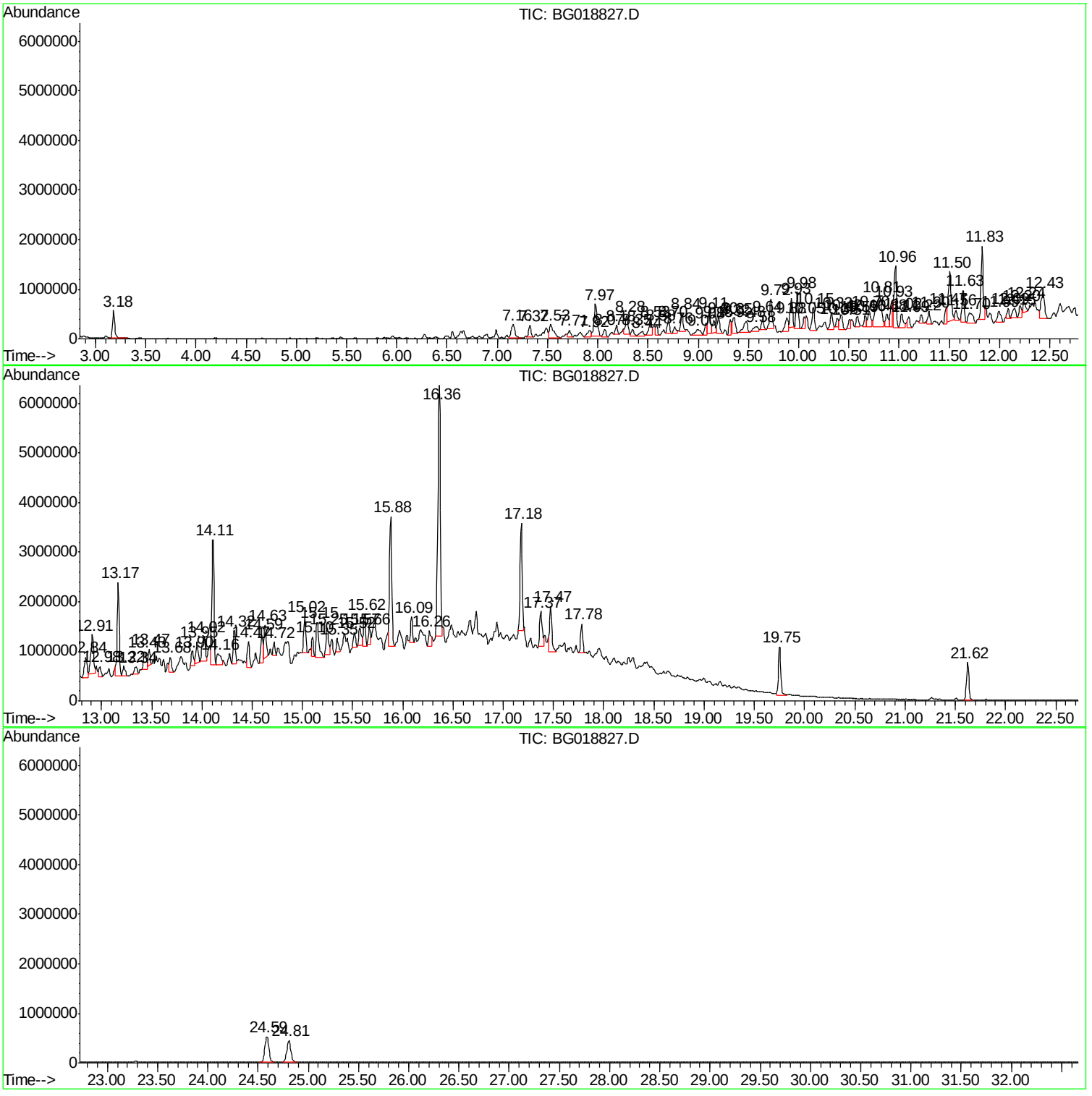
Sum of corrected areas: 89994449

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

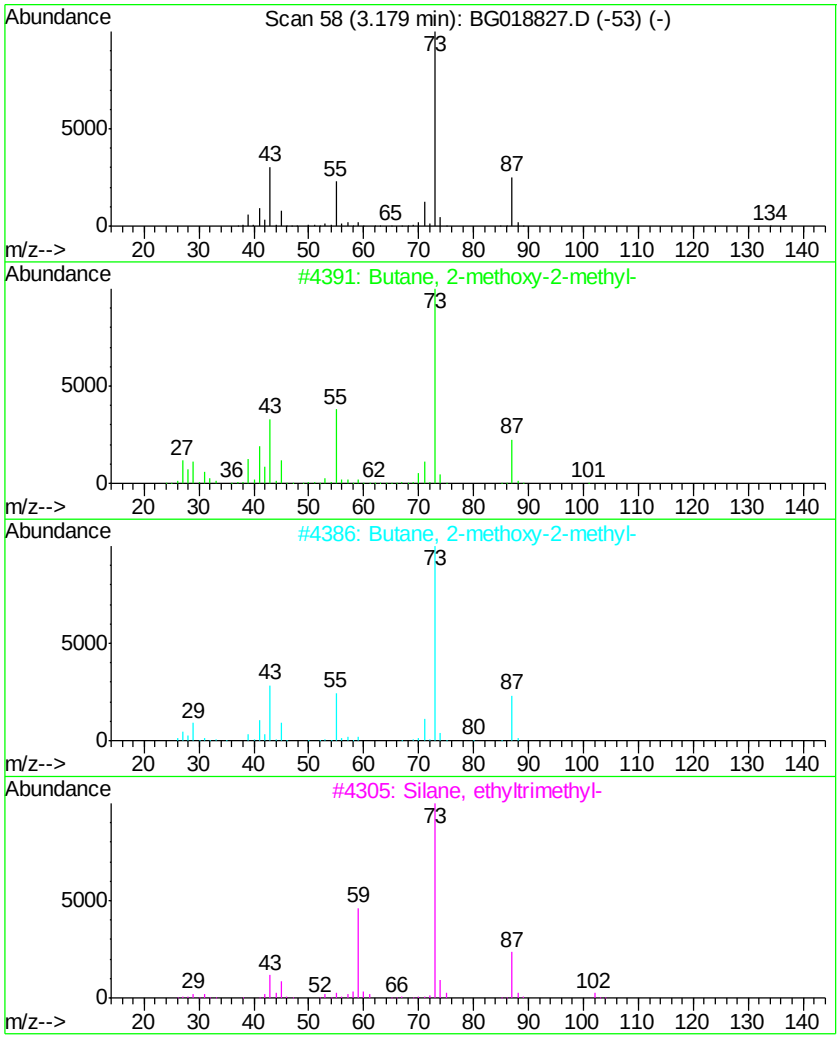
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

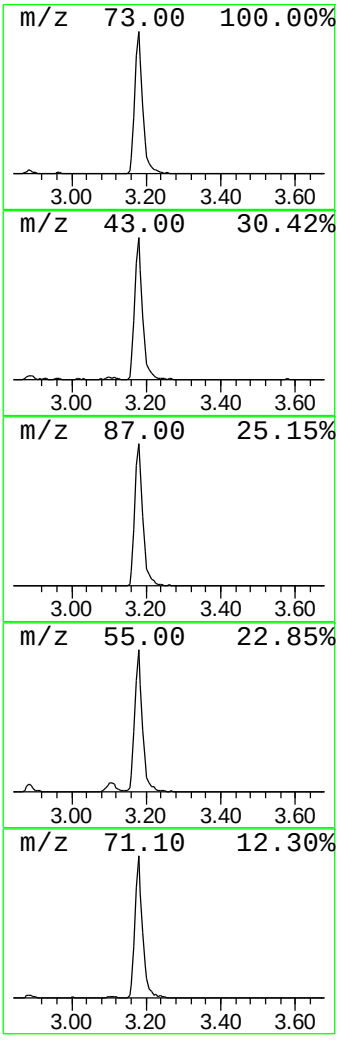
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.18	11.89 ng/ul	837369	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	33
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

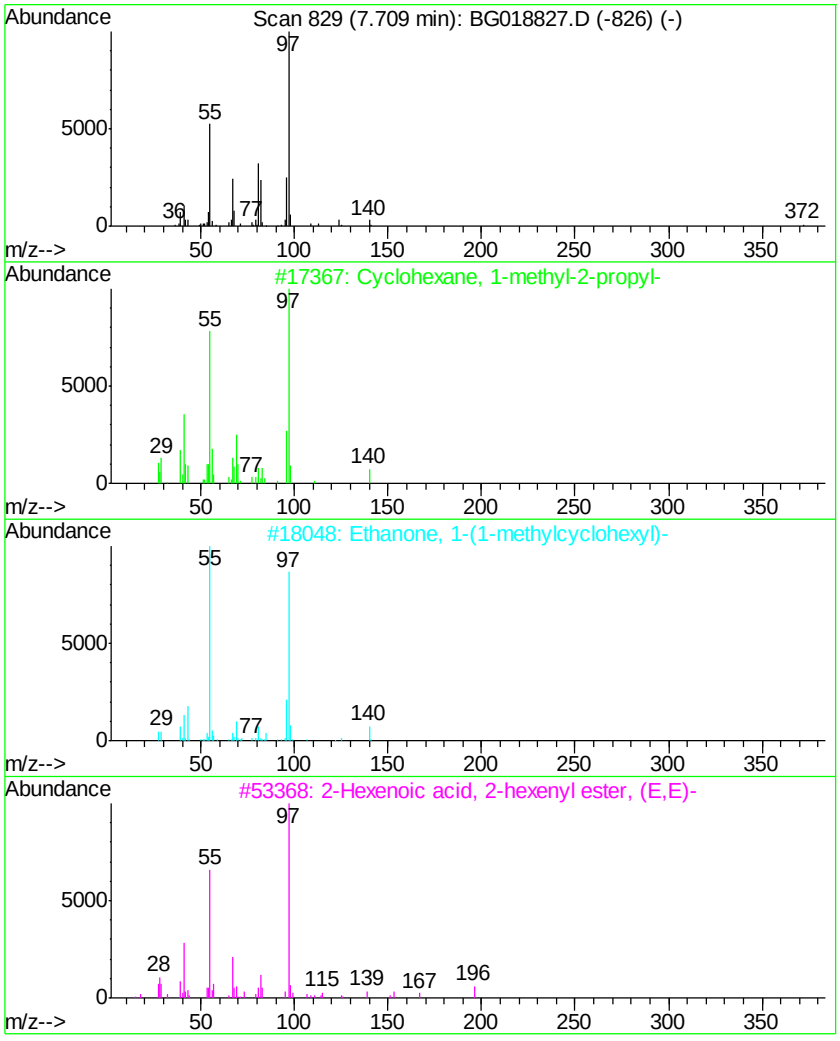
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

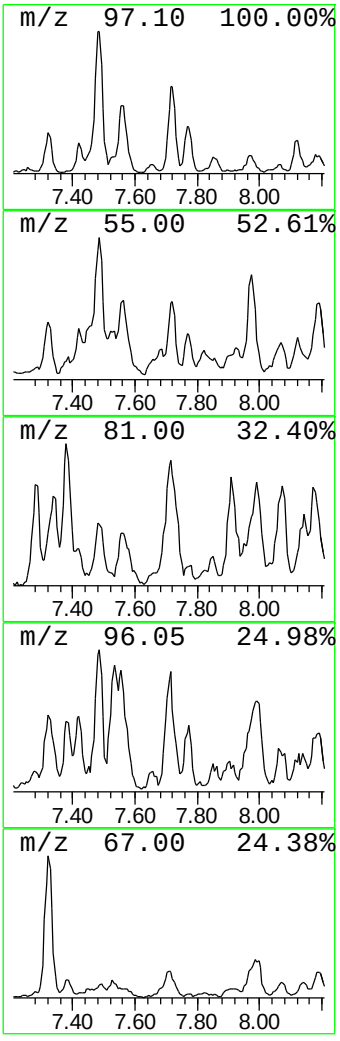
****

Peak Number 2 (DEL) Alkane: Cyclic7.71 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	3.60 ng/ul	253272	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-2-propyl-	140	C10H20	004291-79-6	86
2	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	72
3	2-Hexenoic acid, 2-hexenyl ester...	196	C12H20O2	054845-28-2	64
4	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	64
5	Cyclohexane, 1-bromo-2-methyl-	176	C7H13Br	006294-39-9	59





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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

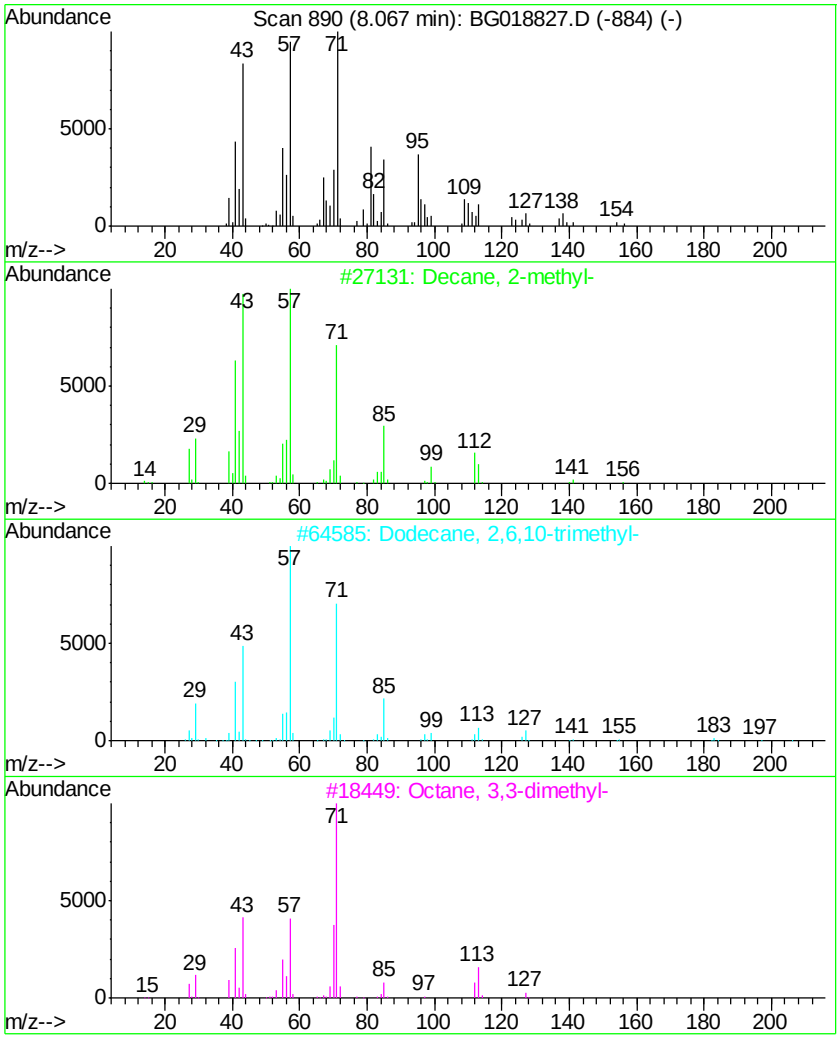
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

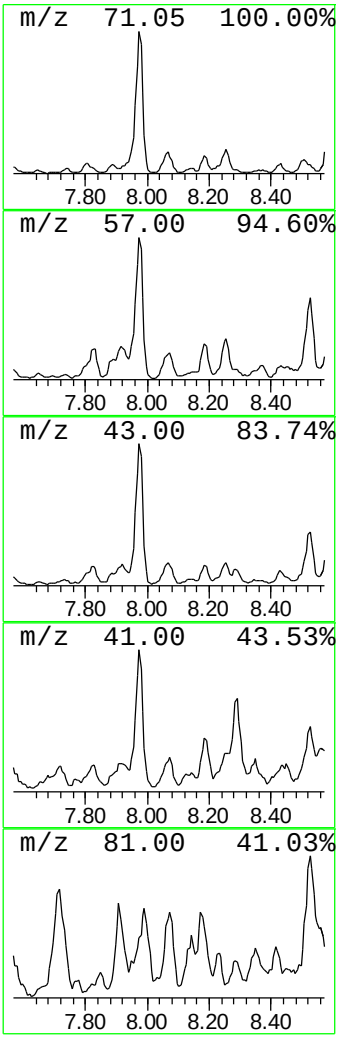
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	4.13 ng/ul	291018	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 2-methyl-	156	C11H24	006975-98-0	46
2	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	43
3	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	43
4	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	43
5	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

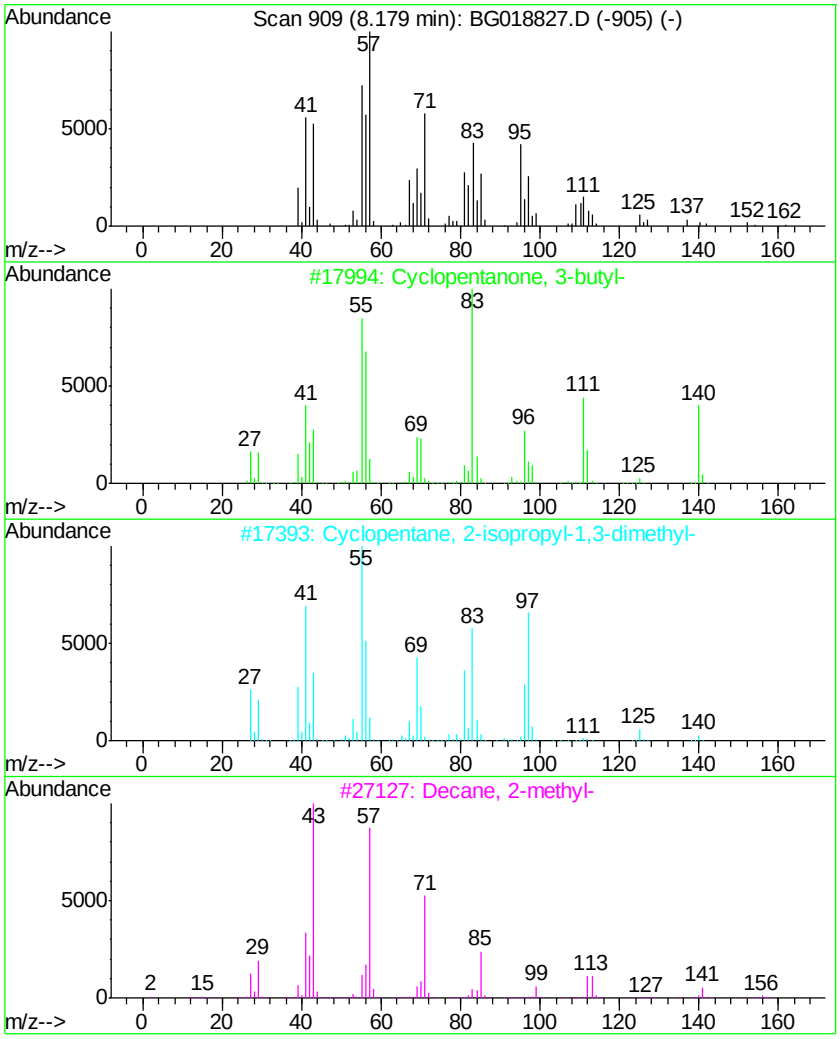
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

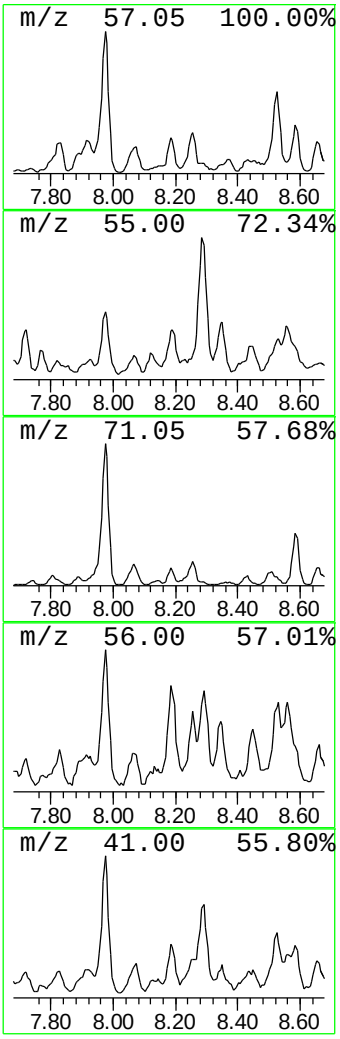
****

Peak Number 5 Cyclopentanone, 3-butyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	4.13 ng/ul	290890	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentanone, 3-butyl-	140	C9H16O	057283-81-5	55
2	Cyclopentane, 2-isopropyl-1,3-di...	140	C10H20	032281-85-9	30
3	Decane, 2-methyl-	156	C11H24	006975-98-0	27
4	1-Decene	140	C10H20	000872-05-9	25
5	2-Undecene, 6-methyl-, (Z)-	168	C12H24	074630-43-6	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

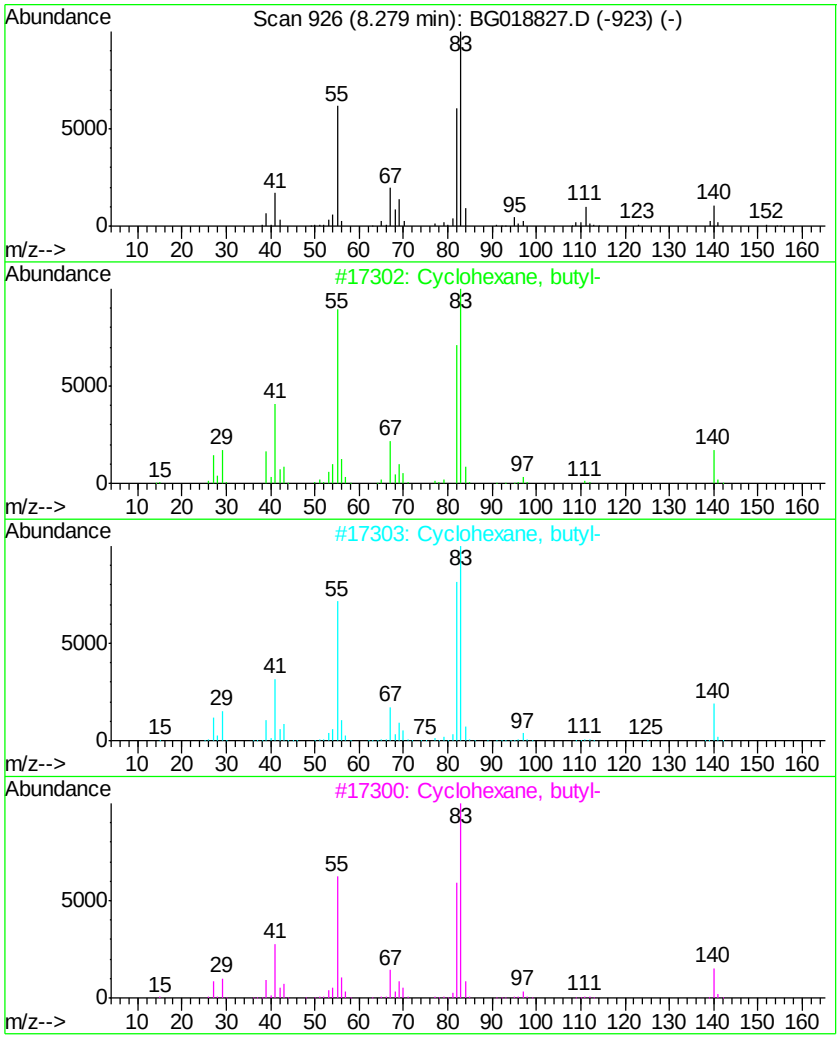
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

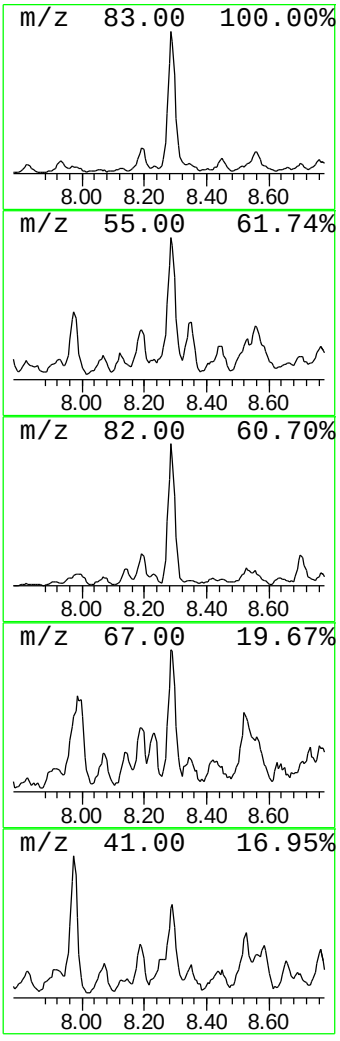
****

Peak Number 6 (DEL) Alkane: Cyclic8.28 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.28	8.90 ng/ul	626843	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	91
2	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	87
4	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	72





Library Search Compound Report

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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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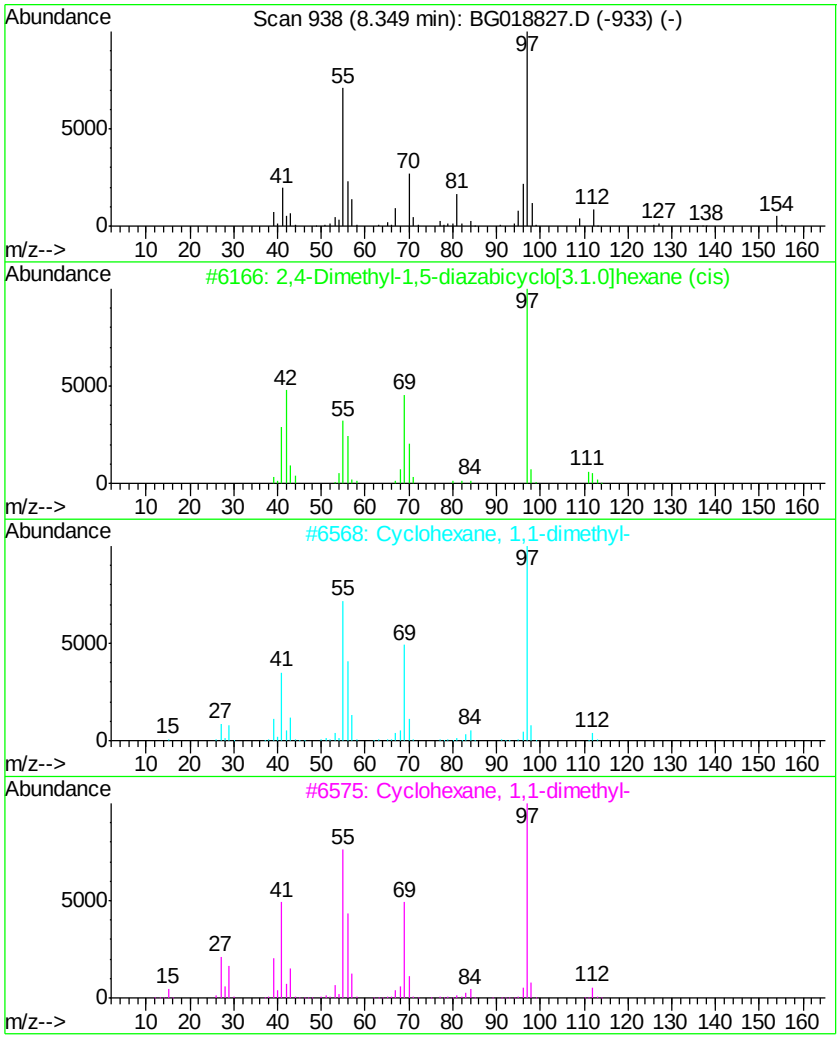
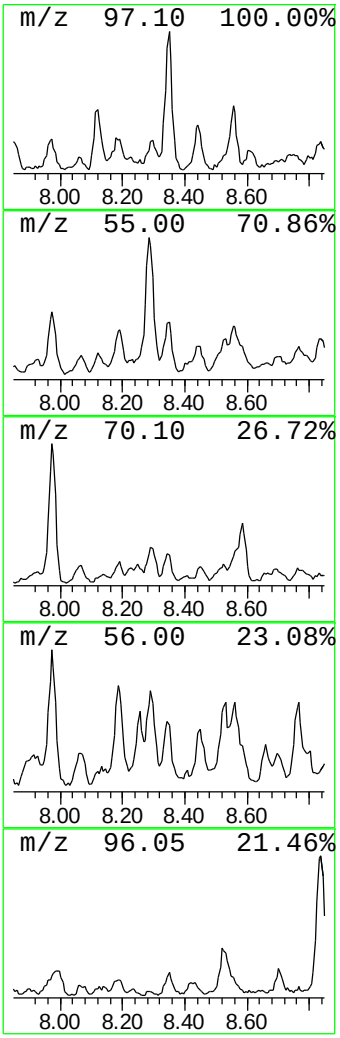
Peak Number 7 2,4-Dimethyl-1,5-diazabicyc... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	3.67 ng/ul	258432	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4-Dimethyl-1,5-diazabicyclo[3....	112	C6H12N2	100463-01-2	64
2	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	58
3	Cyclohexane, 1,1-dimethyl-	112	C8H16	000590-66-9	53
4	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	50
5	Cyclohexane, 1,3-dimethyl-, cis-	112	C8H16	000638-04-0	49





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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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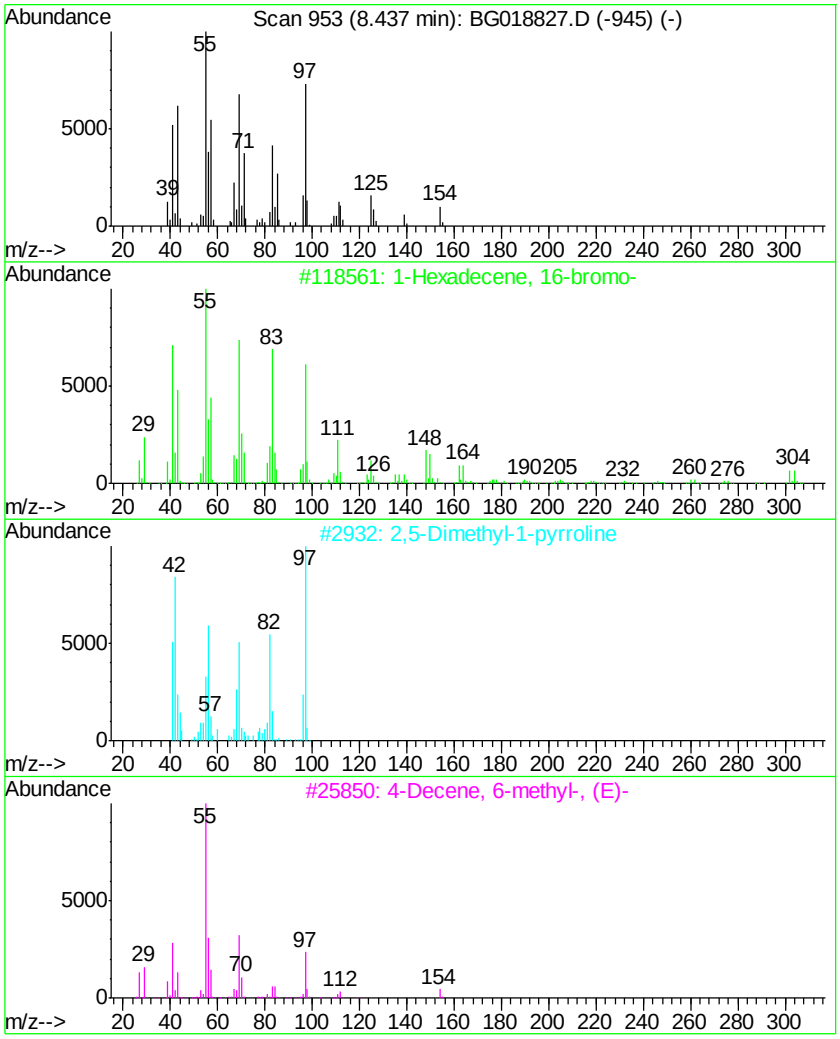
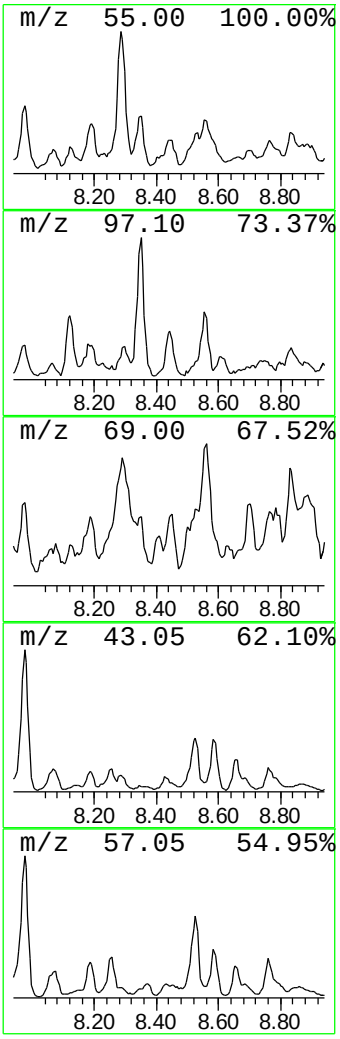
Peak Number 8 1-Hexadecene, 16-bromo- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	3.96 ng/ul	278601	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	53
2	2,5-Dimethyl-1-pyrroline	97	C6H11N	000822-64-0	53
3	4-Decene, 6-methyl-, (E)-	154	C11H22	036229-57-9	50
4	1-Ethyl-2,2,6-trimethylcyclohexane	154	C11H22	071186-27-1	49
5	3-Decene, 2-methyl-, (Z)-	154	C11H22	055499-05-3	38





Library Search Compound Report

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Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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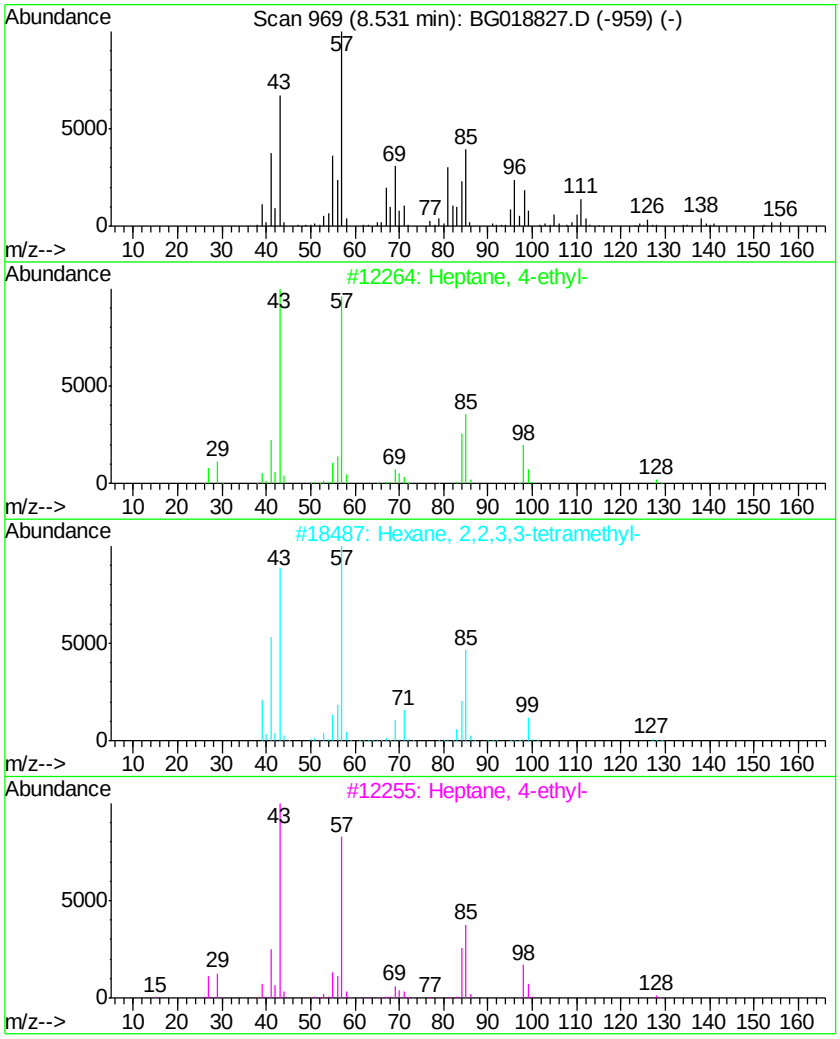
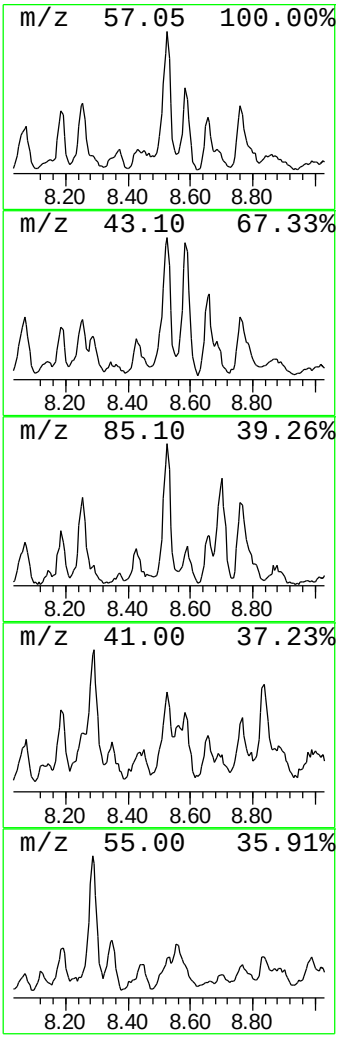
Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.53	8.79 ng/ul	619047	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptane, 4-ethyl-	128	C9H20	002216-32-2	53
2	Hexane, 2,2,3,3-tetramethyl-	142	C10H22	013475-81-5	50
3	Heptane, 4-ethyl-	128	C9H20	002216-32-2	50
4	Decane, 5-methyl-	156	C11H24	013151-35-4	46
5	Heptadecane	240	C17H36	000629-78-7	43





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Acq On : 22 Sep 2015 21:51
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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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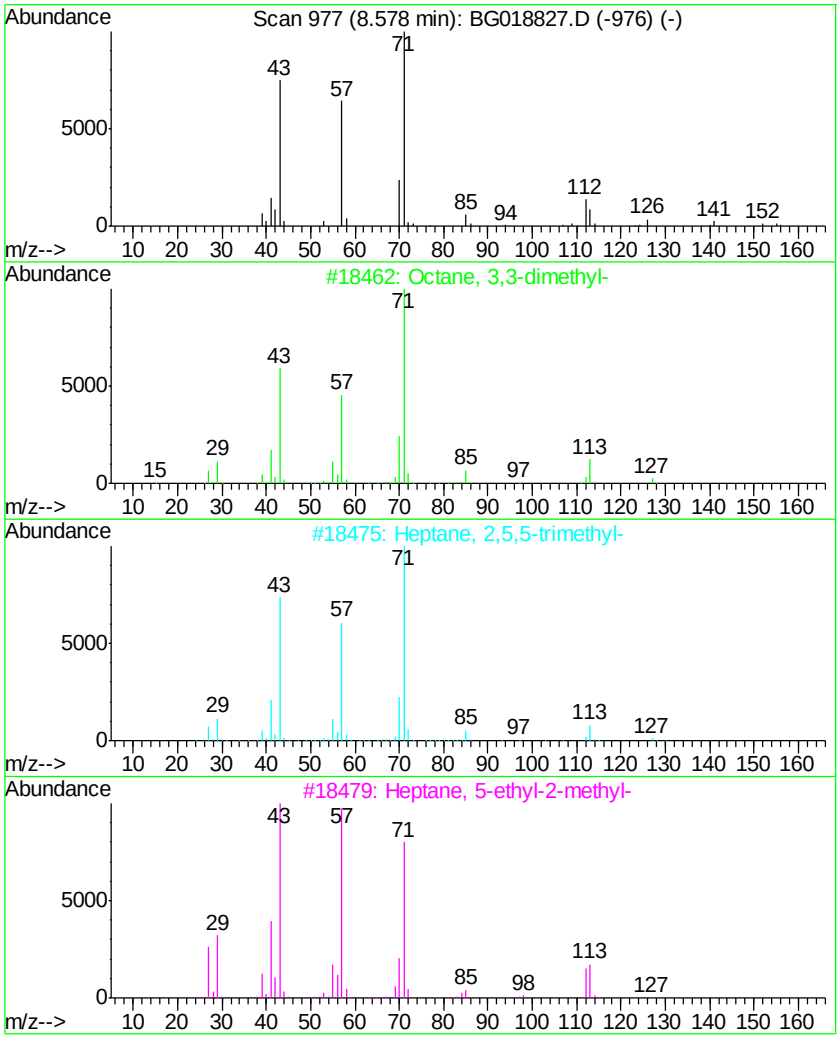
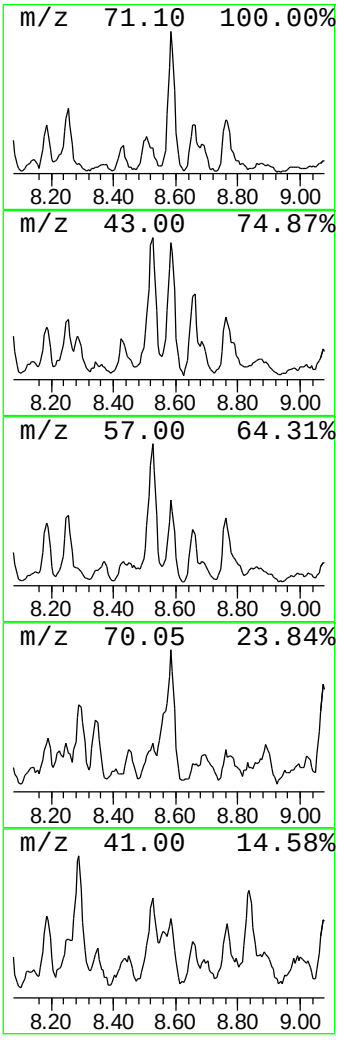
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	3.89 ng/ul	273951	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	78
2	Heptane, 2,5,5-trimethyl-	142	C10H22	001189-99-7	78
3	Heptane, 5-ethyl-2-methyl-	142	C10H22	013475-78-0	64
4	Hexane, 3,3,4,4-tetramethyl-	142	C10H22	005171-84-6	64
5	Octane, 3,3-dimethyl-	142	C10H22	004110-44-5	56





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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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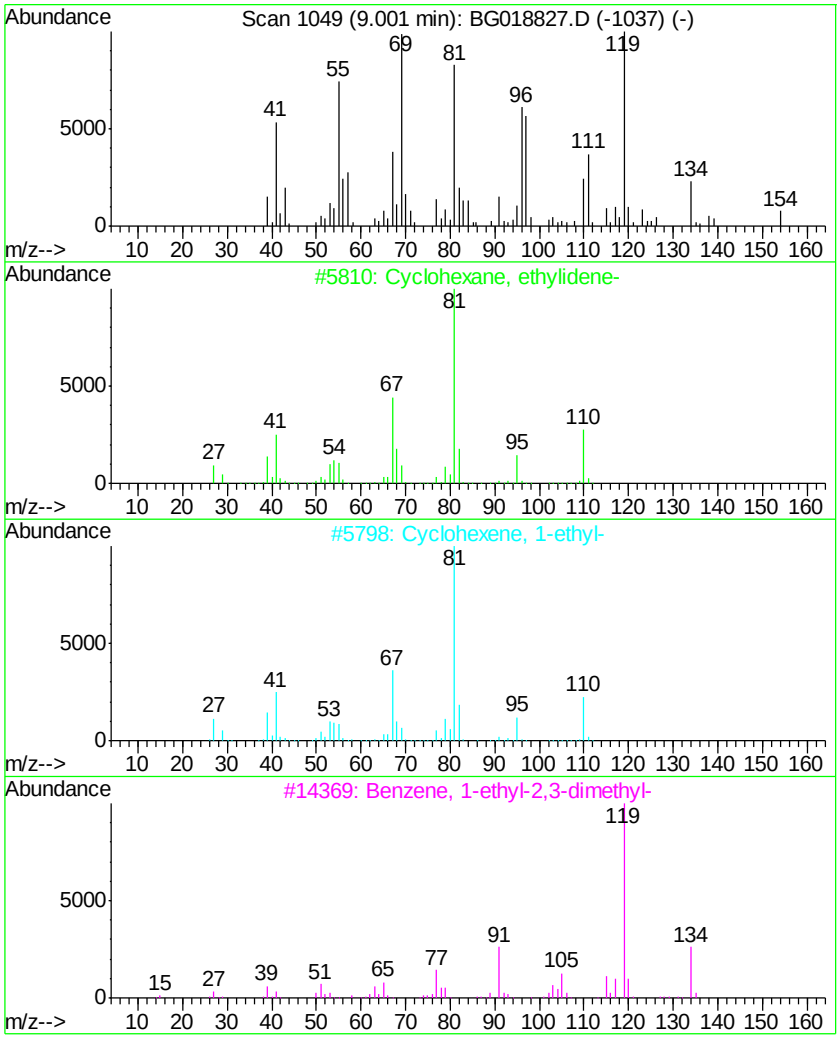
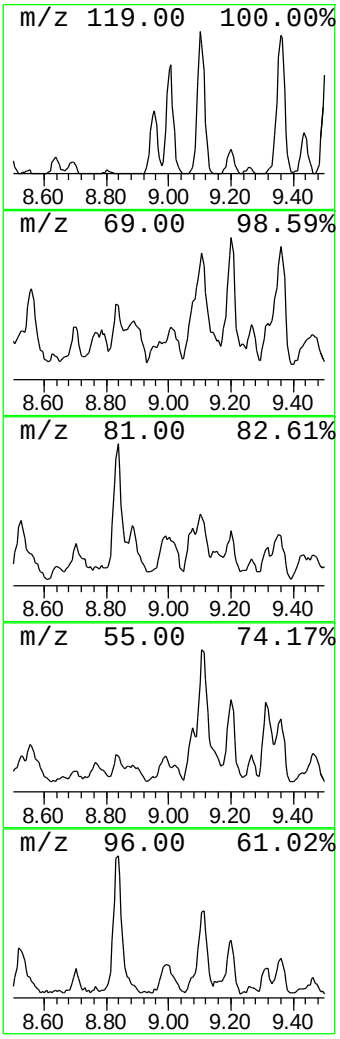
Peak Number 11 unknown-01 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.00	6.26 ng/ul	440610	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, ethylidene-	110	C8H14	001003-64-1	38
2	Cyclohexene, 1-ethyl-	110	C8H14	001453-24-3	38
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	25
4	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	25
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	25





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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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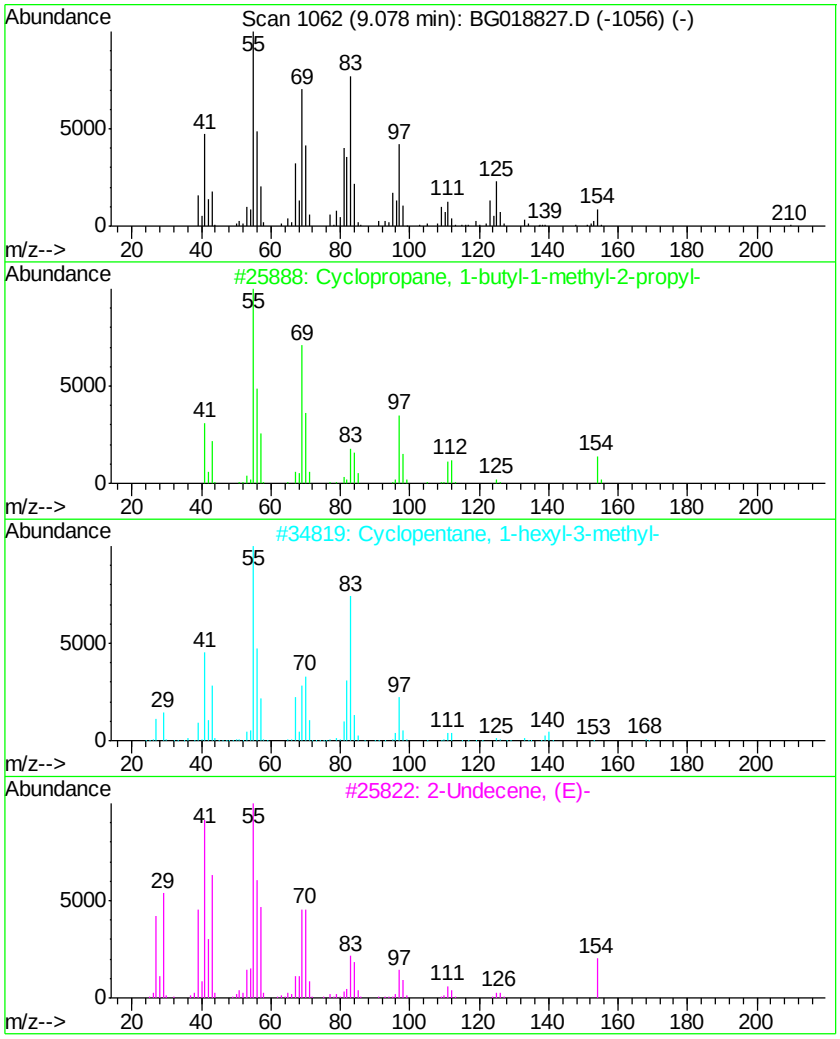
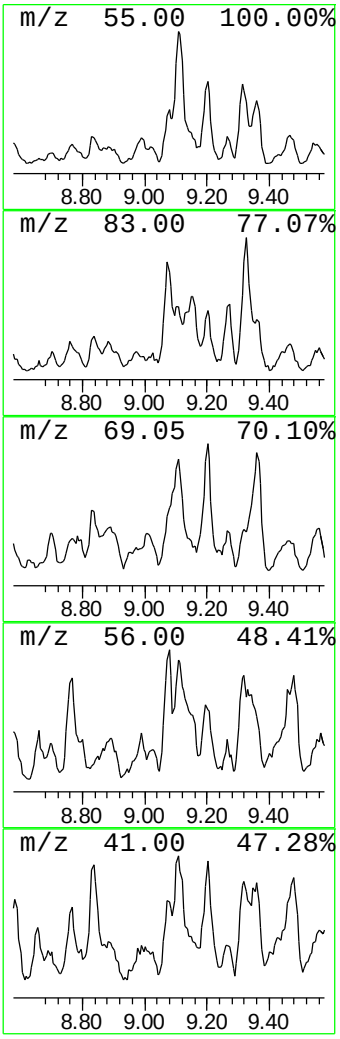
Peak Number 12 (DEL) Alkane: Cyclic9.08 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.08	4.95 ng/ul	348477	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-butyl-1-methyl-2...	154	C11H22	041977-34-8	53
2	Cyclopentane, 1-hexyl-3-methyl-	168	C12H24	061142-68-5	53
3	2-Undecene, (E)-	154	C11H22	000693-61-8	45
4	Cyclooctane, methyl-	126	C9H18	001502-38-1	43
5	Cyclopentane, 1-ethyl-2-methyl-,...	112	C8H16	000930-89-2	43





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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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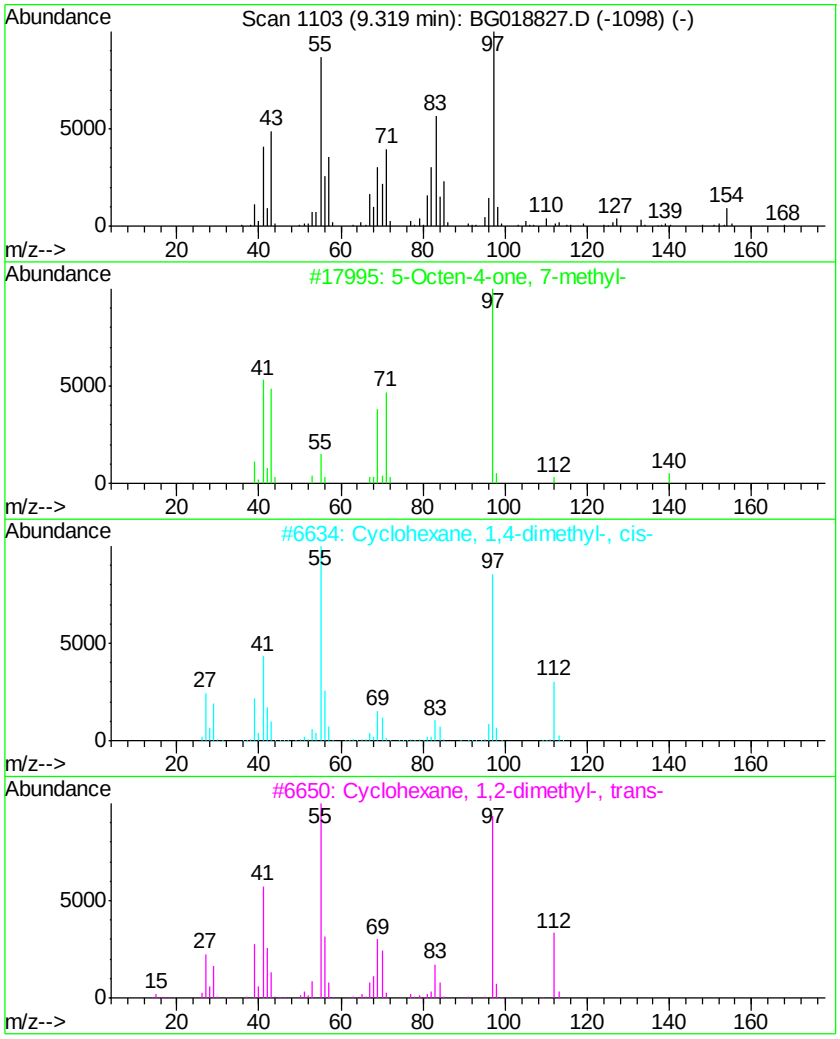
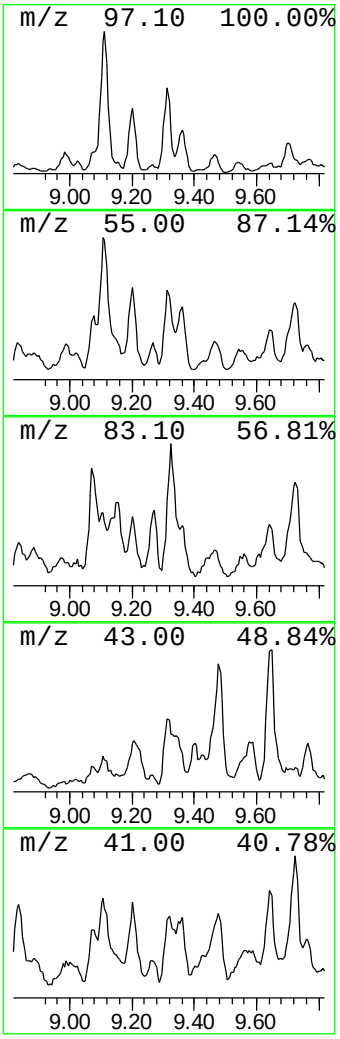
Peak Number 13 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	7.46 ng/ul	525123	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octen-4-one, 7-methyl-	140	C9H16O	032064-78-1	38
2	Cyclohexane, 1,4-dimethyl-, cis-	112	C8H16	000624-29-3	38
3	Cyclohexane, 1,2-dimethyl-, trans-	112	C8H16	006876-23-9	38
4	Cyclohexane, 1,3-dimethyl-, trans-	112	C8H16	002207-03-6	35
5	Cyclohexane, 1,4-dimethyl-	112	C8H16	000589-90-2	35





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Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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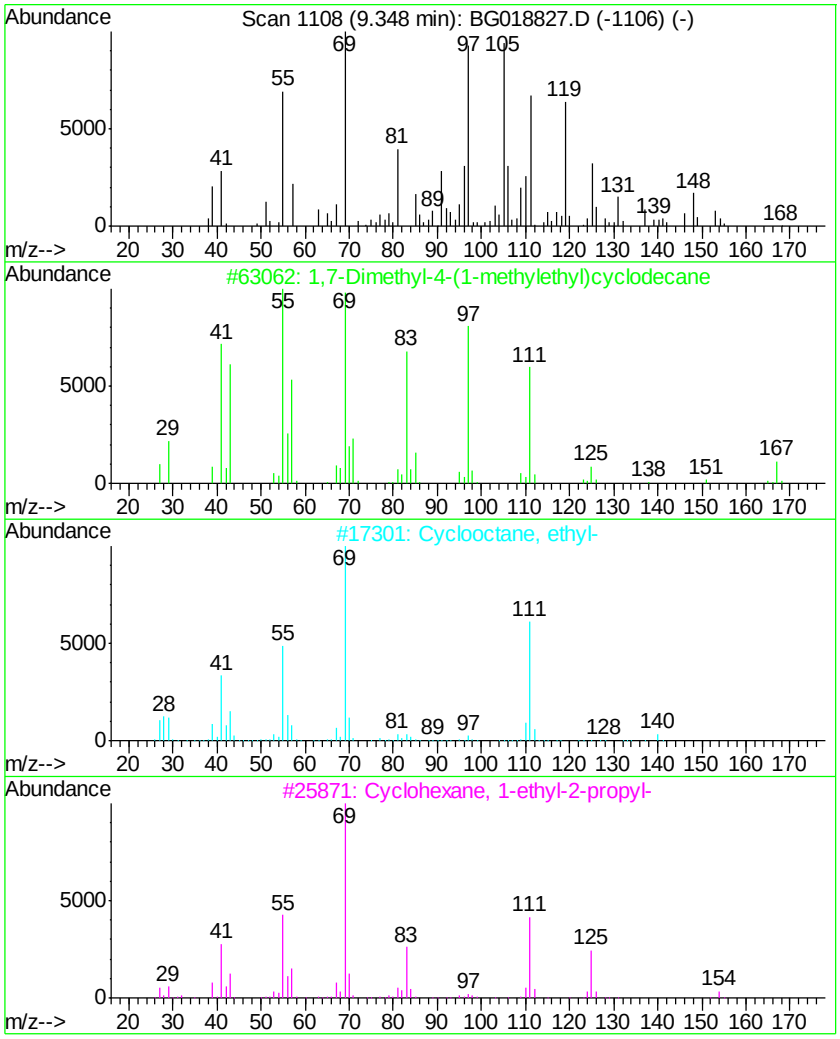
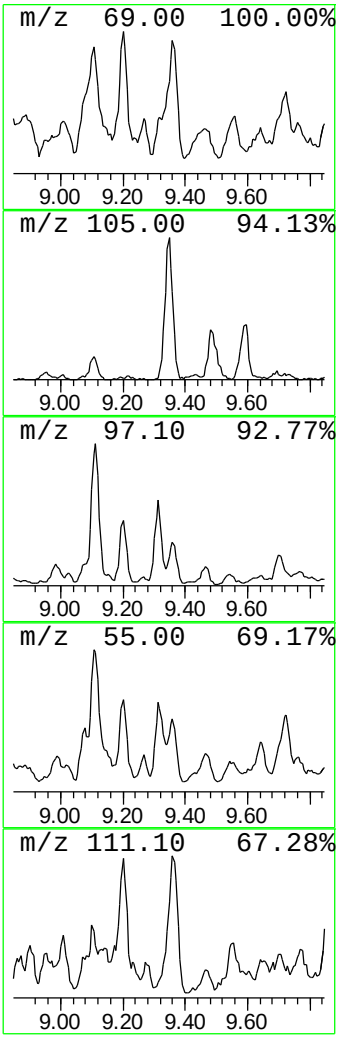
Peak Number 14 (DEL) Alkane: Cyclic9.35 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.35	8.36 ng/ul	588620	1,4-Dichlorobenzene-d4	8.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,7-Dimethyl-4-(1-methylethyl)cy...	210	C15H30	000645-10-3	28
2	Cyclooctane, ethyl-	140	C10H20	013152-02-8	27
3	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	27
4	2(5H)-Furanone, 5,5-dimethyl-	112	C6H8O2	020019-64-1	25
5	Bicyclo[3.1.1]heptan-3-one, 2-et...	166	C11H18O	1000163-95-8	23





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Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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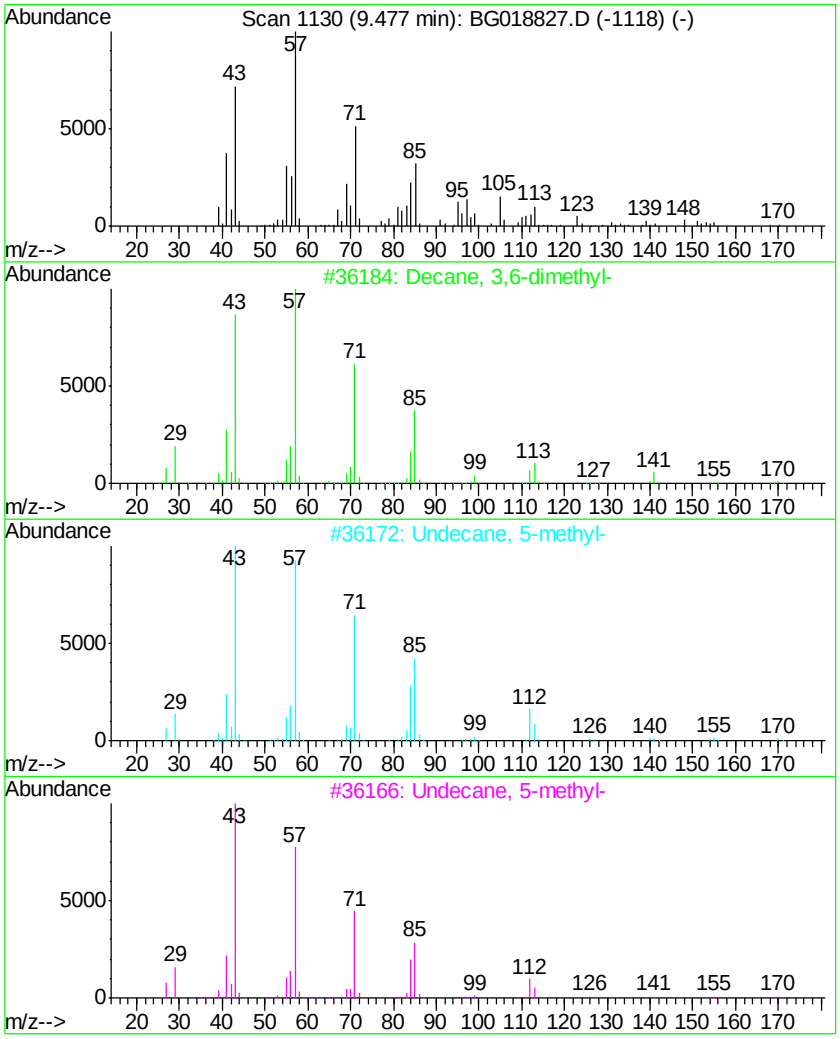
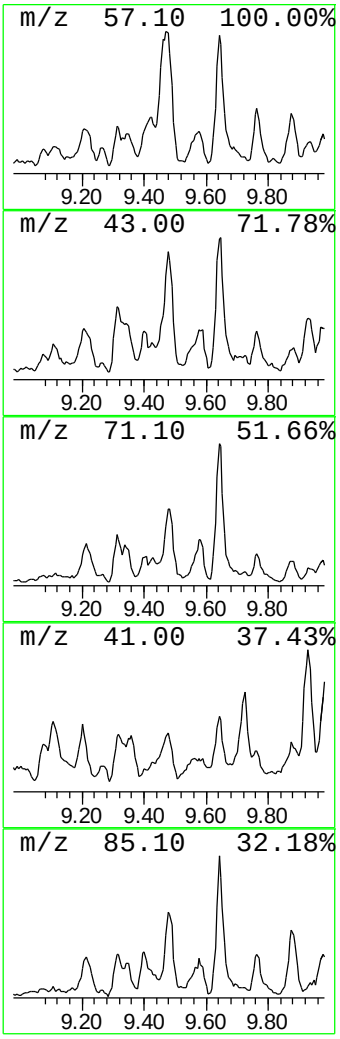
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	4.88 ng/ul	619312	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	70
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
4	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	50
5	Tridecane	184	C13H28	000629-50-5	50





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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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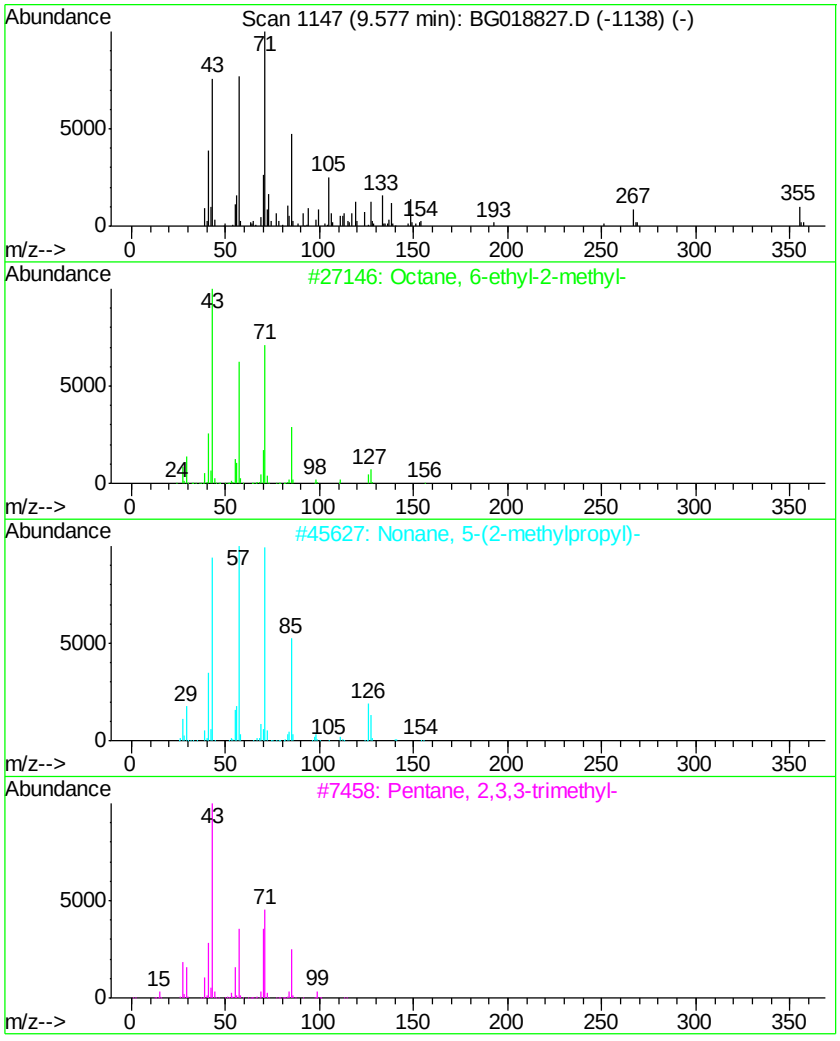
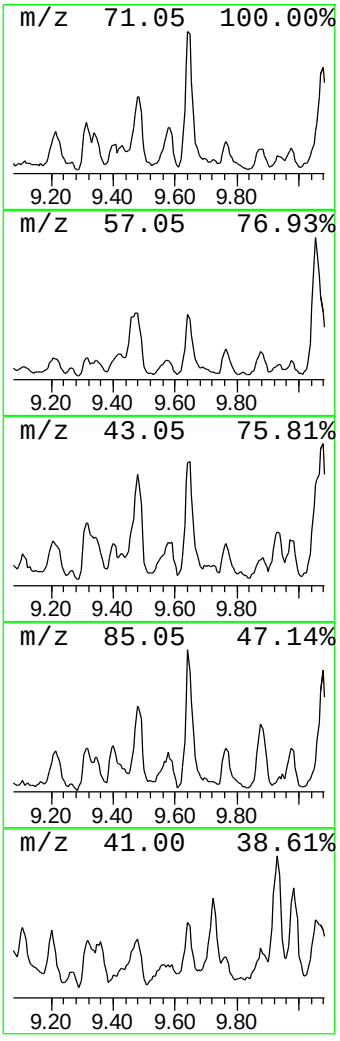
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	2.47 ng/ul	313637	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 6-ethyl-2-methyl-	156	C11H24	062016-19-7	47
2	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	47
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	43
4	2-Butene, 1-butoxy-3-methyl-	142	C9H18O	022094-02-6	35
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	27





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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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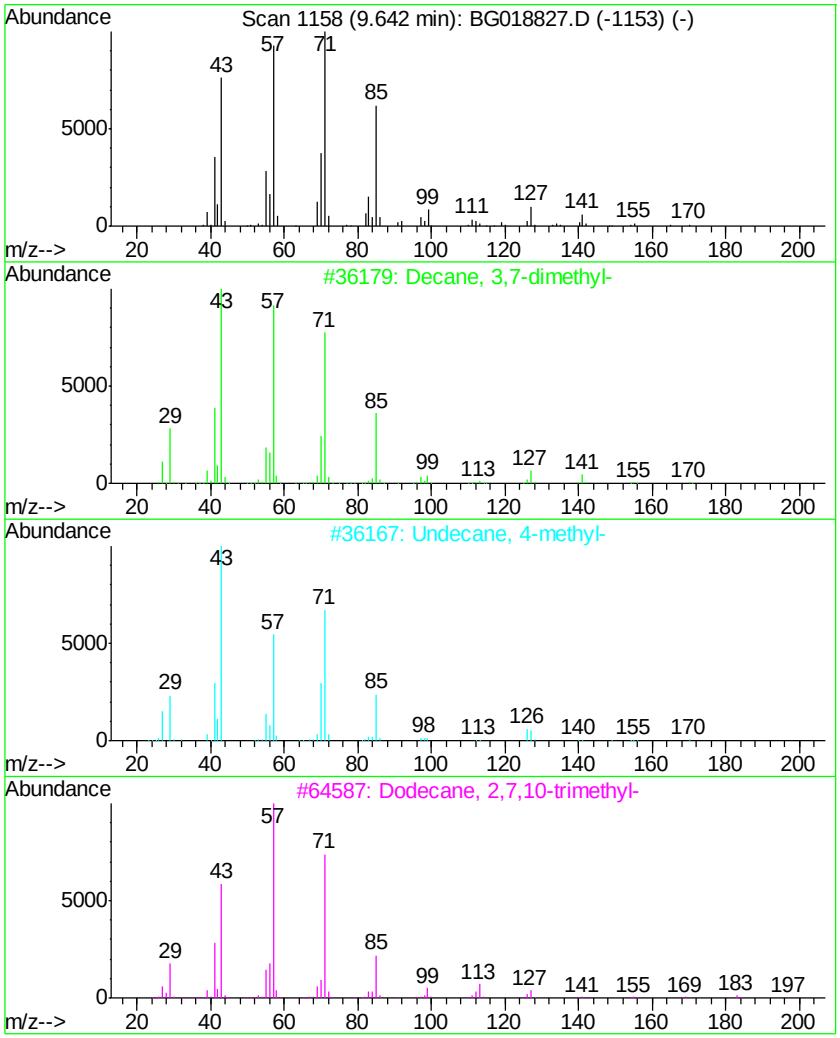
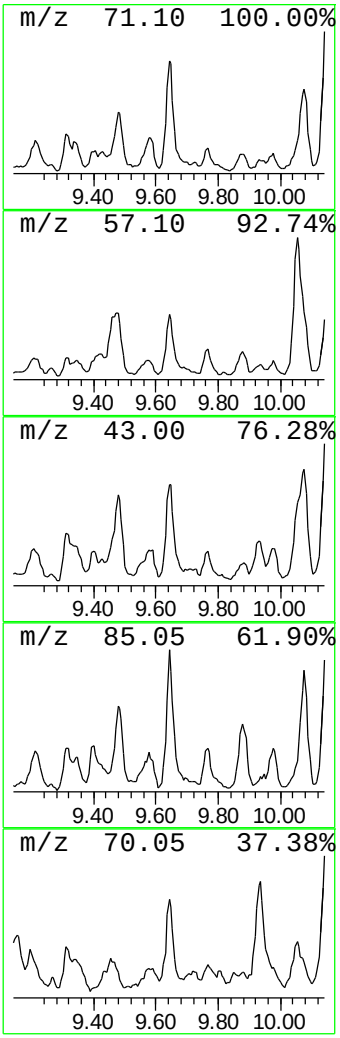
Peak Number 17 (DEL) Alkane: Cyclic9.64 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.64	3.16 ng/ul	400626	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,7-dimethyl-	170	C12H26	017312-54-8	81
2	Undecane, 4-methyl-	170	C12H26	002980-69-0	59
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	53
5	Decane, 4-methyl-	156	C11H24	002847-72-5	50





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Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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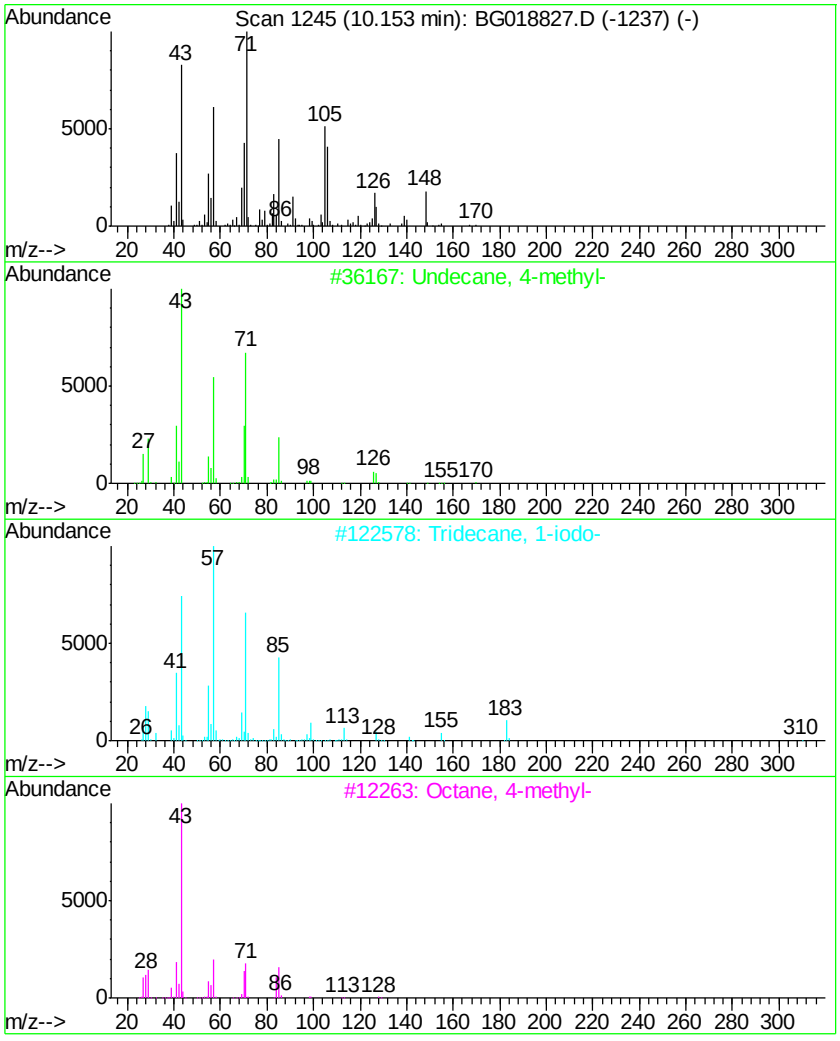
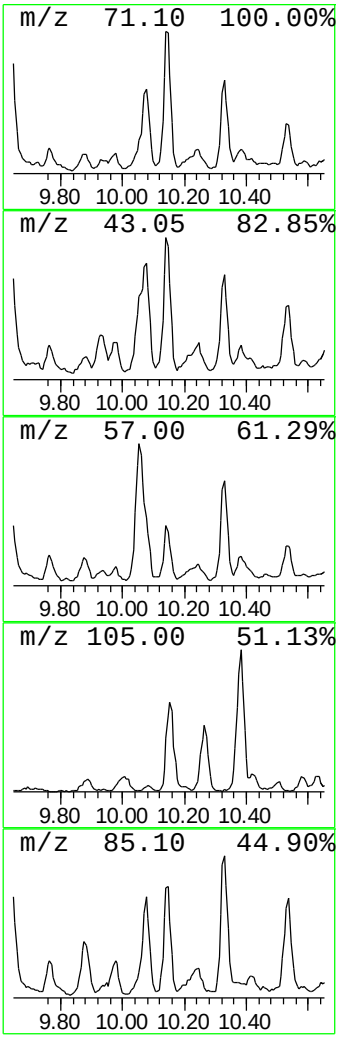
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.15	6.27 ng/ul	795369	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 4-methyl-	170	C12H26	002980-69-0	52
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	43
3	Octane, 4-methyl-	128	C9H20	002216-34-4	38
4	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	35
5	Nonane, 5-(2-methylpropyl)-	184	C13H28	062185-53-9	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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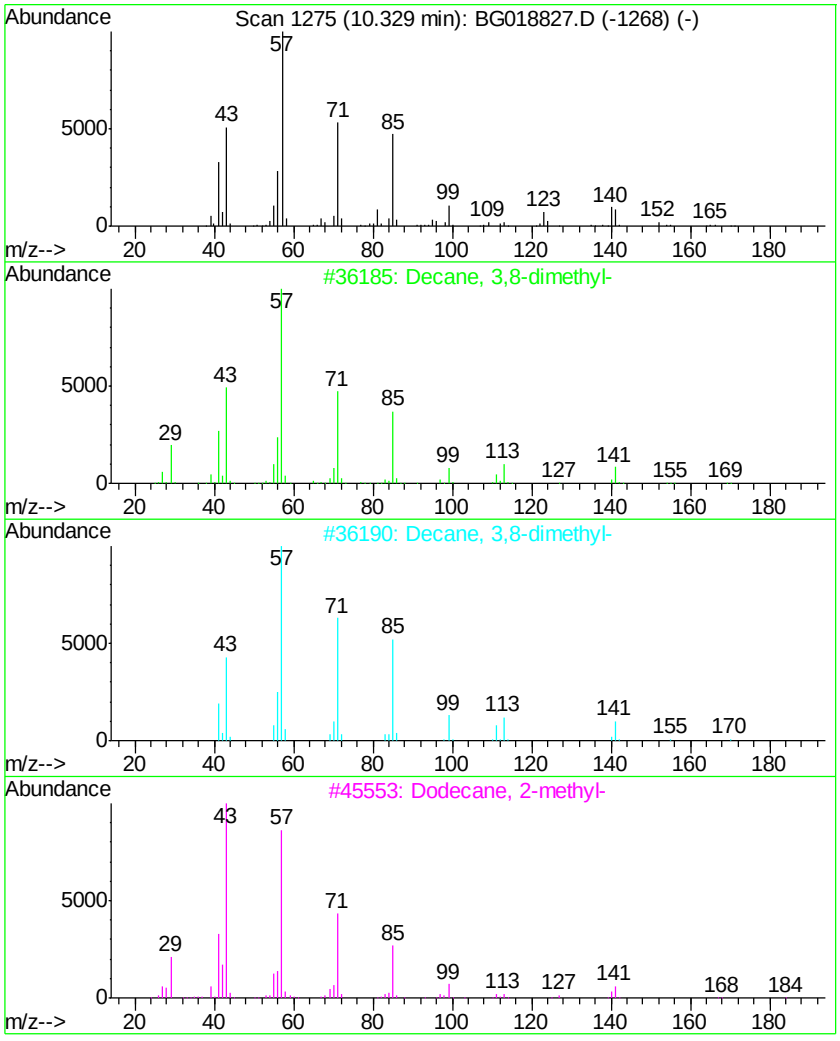
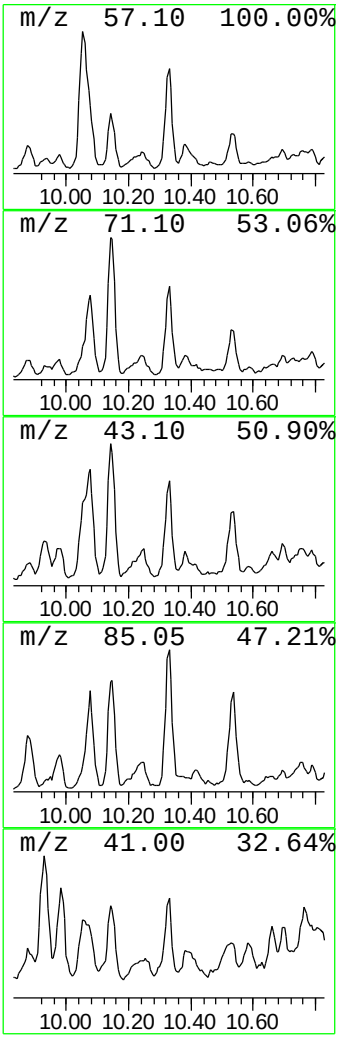
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	4.53 ng/ul	575163	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	78
2	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	72
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	64
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	59
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	59





Library Search Compound Report

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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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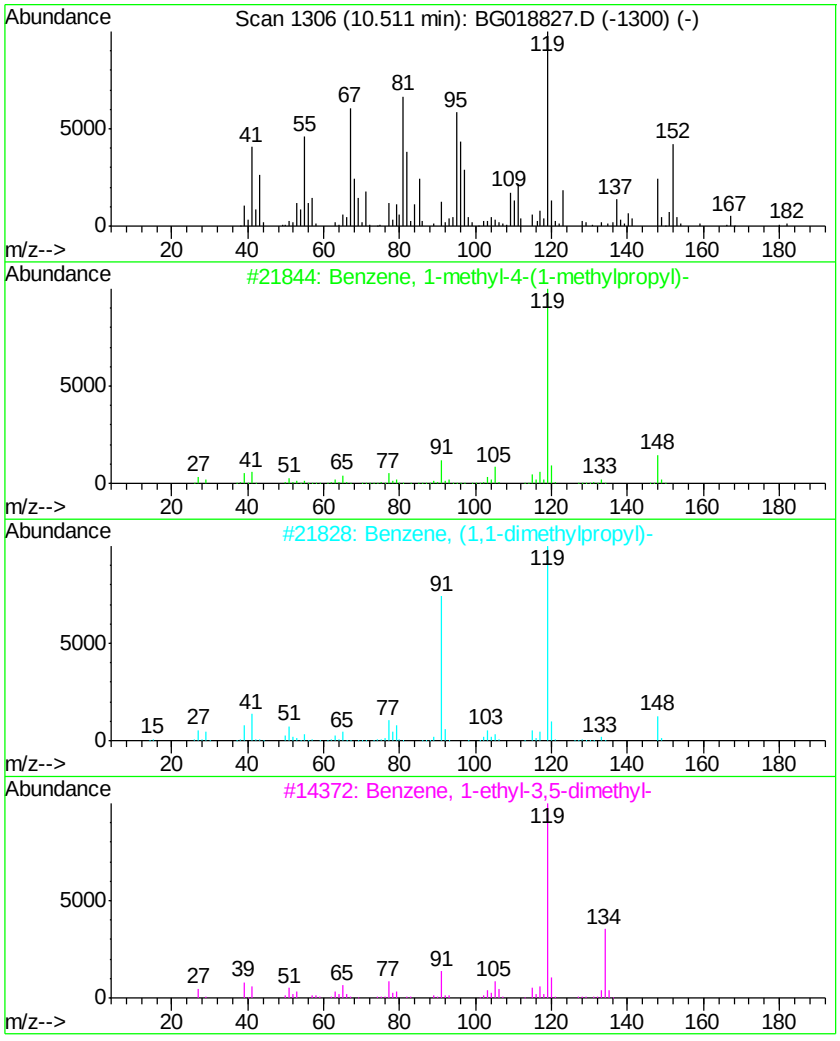
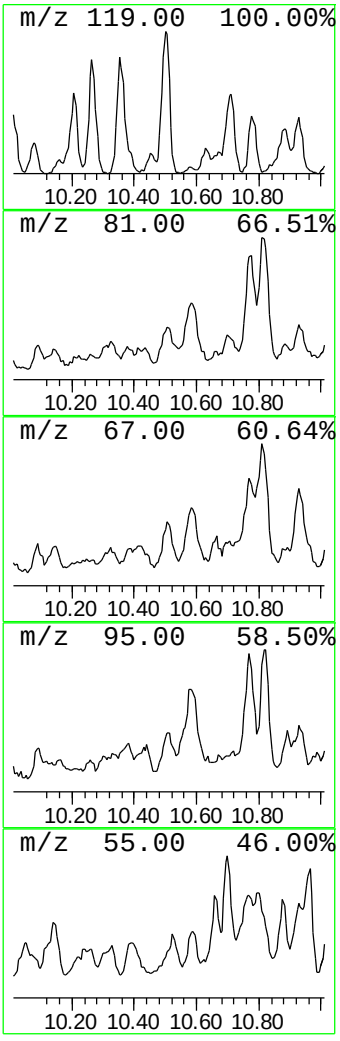
Peak Number 20 unknown-03 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.51	2.70 ng/ul	342428	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methylpro...	148	C11H16	001595-16-0	42
2	Benzene, (1,1-dimethylpropyl)-	148	C11H16	002049-95-8	30
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	22
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	22
5	Benzene, 4-(chloromethyl)-1,2-di...	154	C9H11Cl	000102-46-5	22





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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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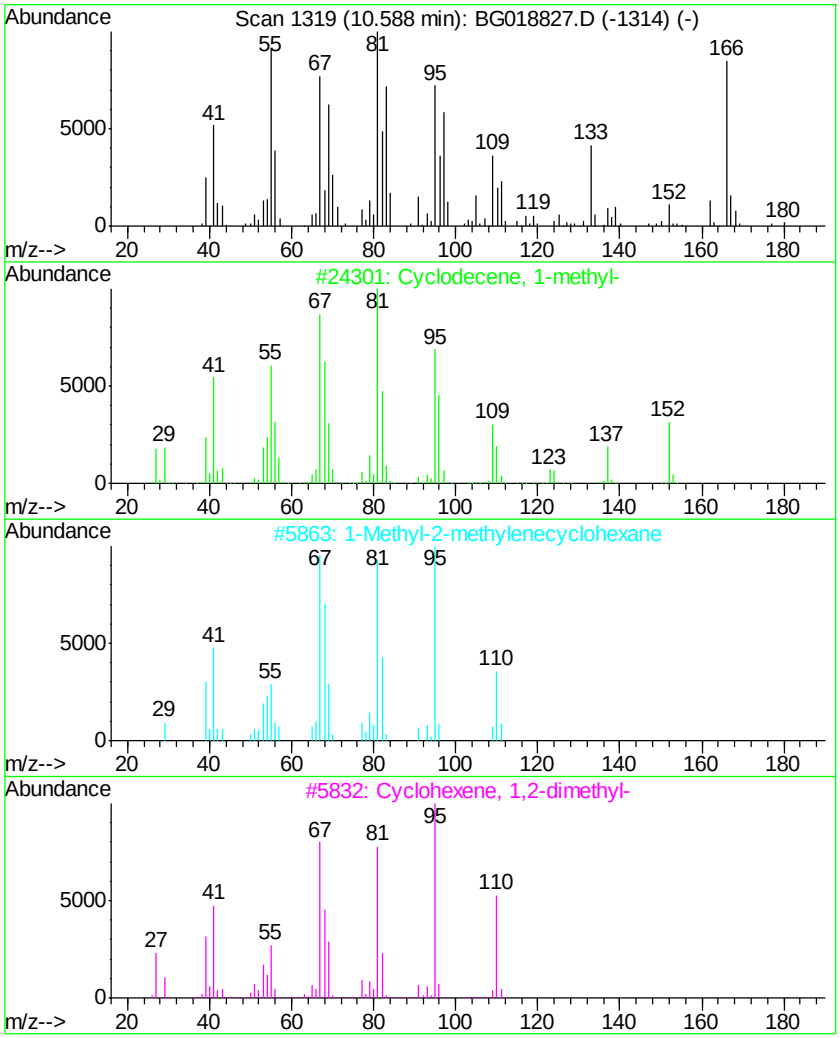
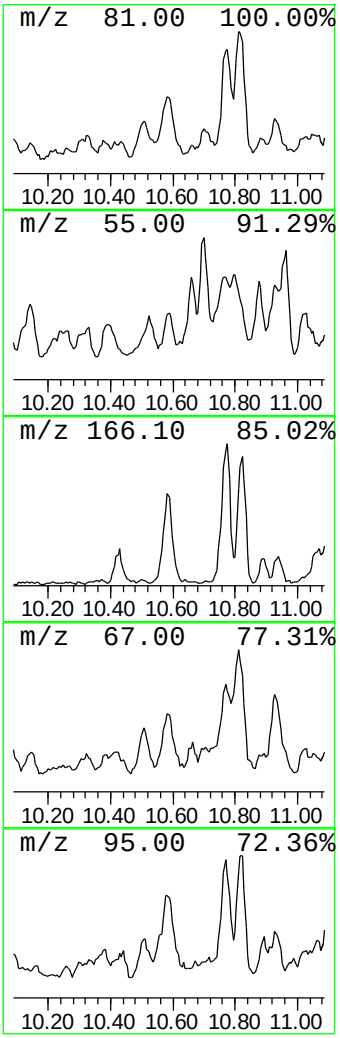
Peak Number 21 Cyclodecene, 1-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.59	2.75 ng/ul	348732	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclodecene, 1-methyl-	152	C11H20	066633-38-3	60
2	1-Methyl-2-methylenecyclohexane	110	C8H14	002808-75-5	50
3	Cyclohexene, 1,2-dimethyl-	110	C8H14	001674-10-8	50
4	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	49
5	cis-Decalin, 2-syn-methyl-	152	C11H20	1000155-85-6	46





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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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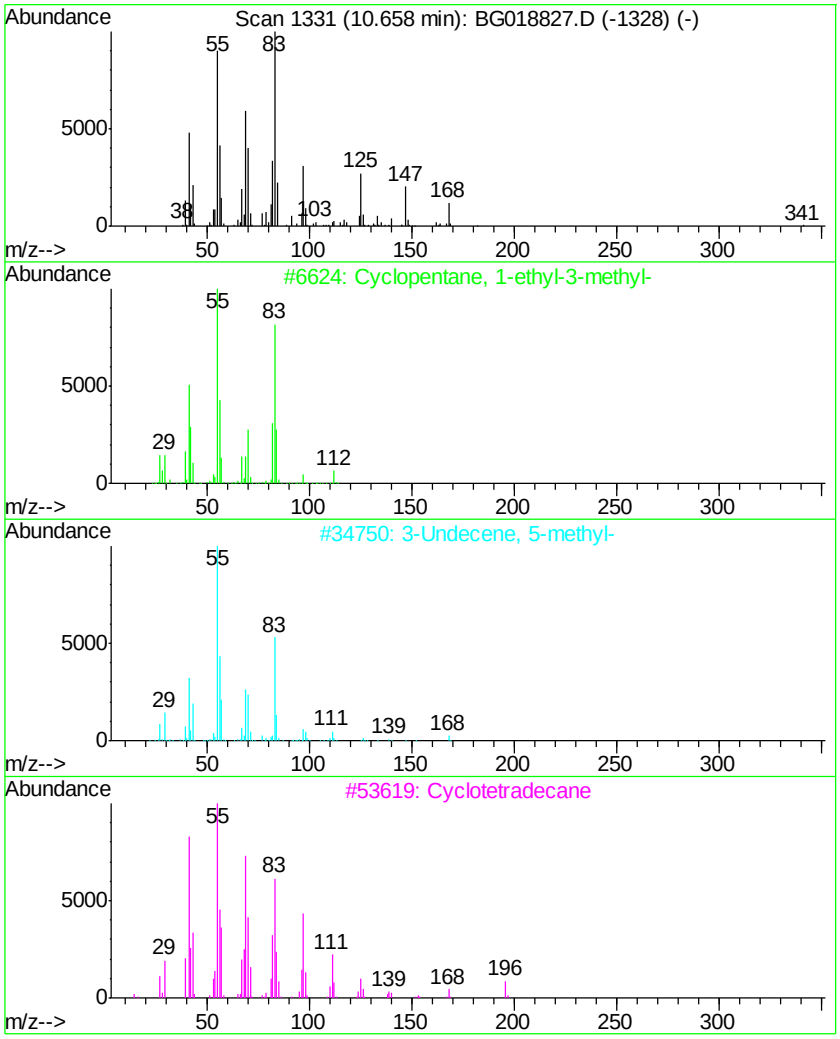
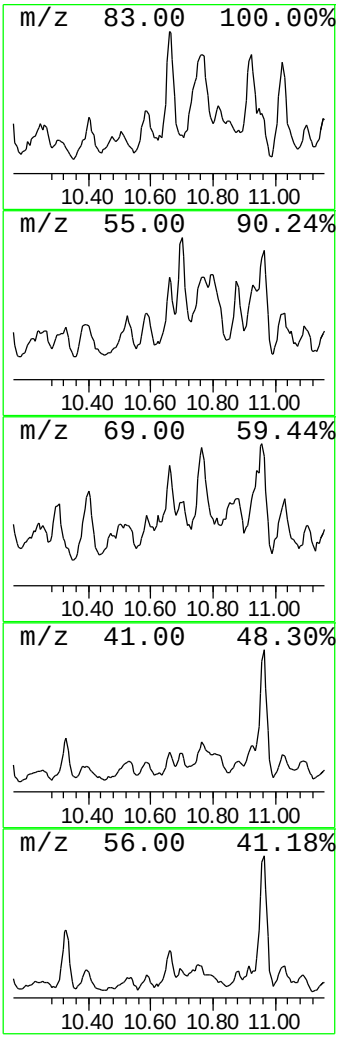
Peak Number 22 (DEL) Alkane: Cyclic10.66 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.66	2.71 ng/ul	344551	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	64
2	3-Undecene, 5-methyl-	168	C12H24	1000061-84-1	64
3	Cyclotetradecane	196	C14H28	000295-17-0	53
4	Cyclododecane	168	C12H24	000294-62-2	49
5	5-Decene	140	C10H20	019689-19-1	46





Library Search Compound Report

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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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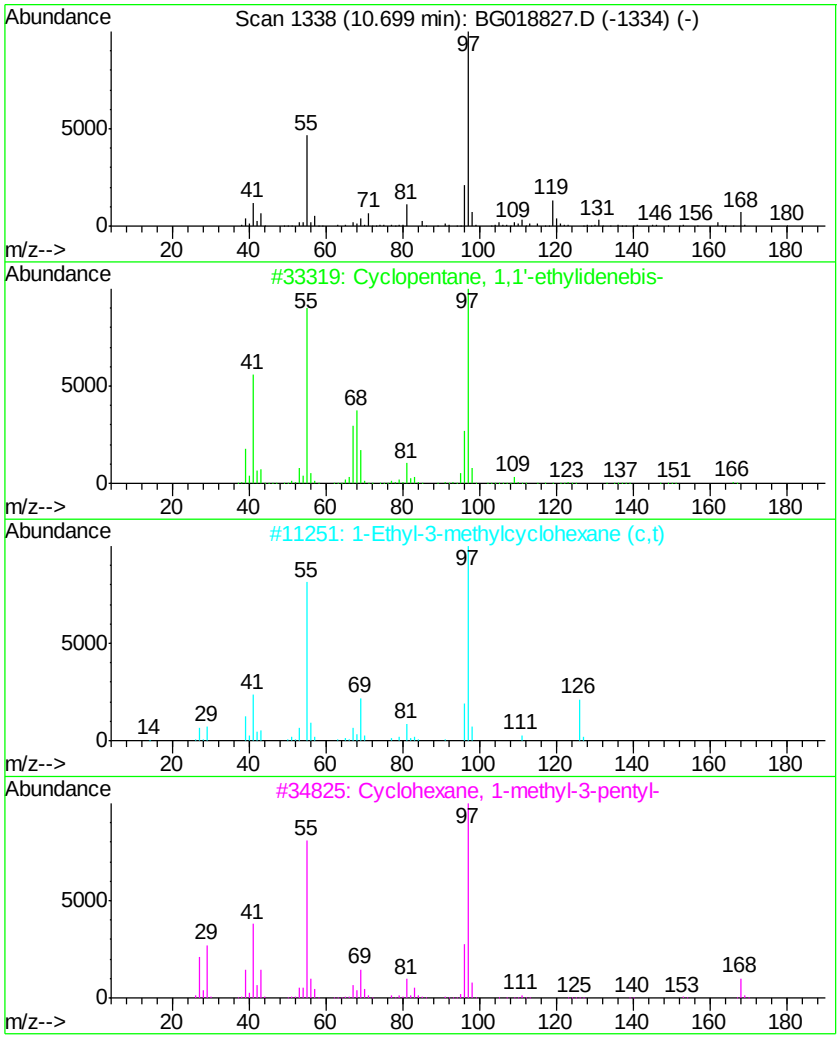
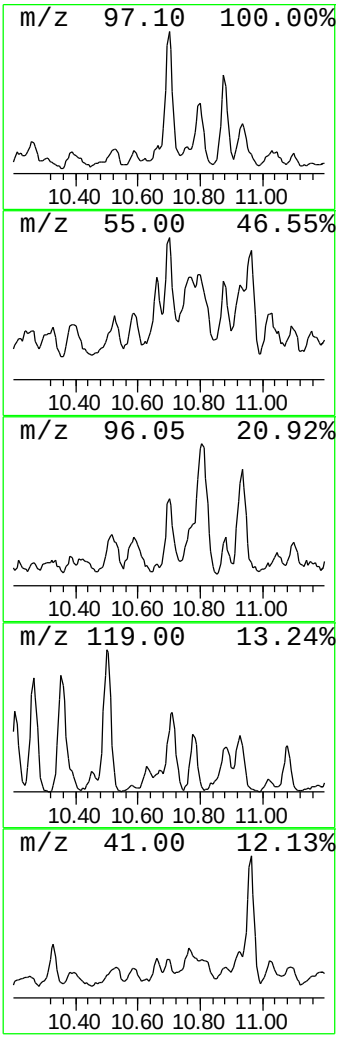
Peak Number 23 Cyclopentane, 1,1'-ethylide... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.70	5.37 ng/ul	681485	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,1'-ethylidenebis-	166	C12H22	004413-21-2	59
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	56
3	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	53
4	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	45
5	cis-1-Ethyl-3-methyl-cyclohexane	126	C9H18	019489-10-2	39





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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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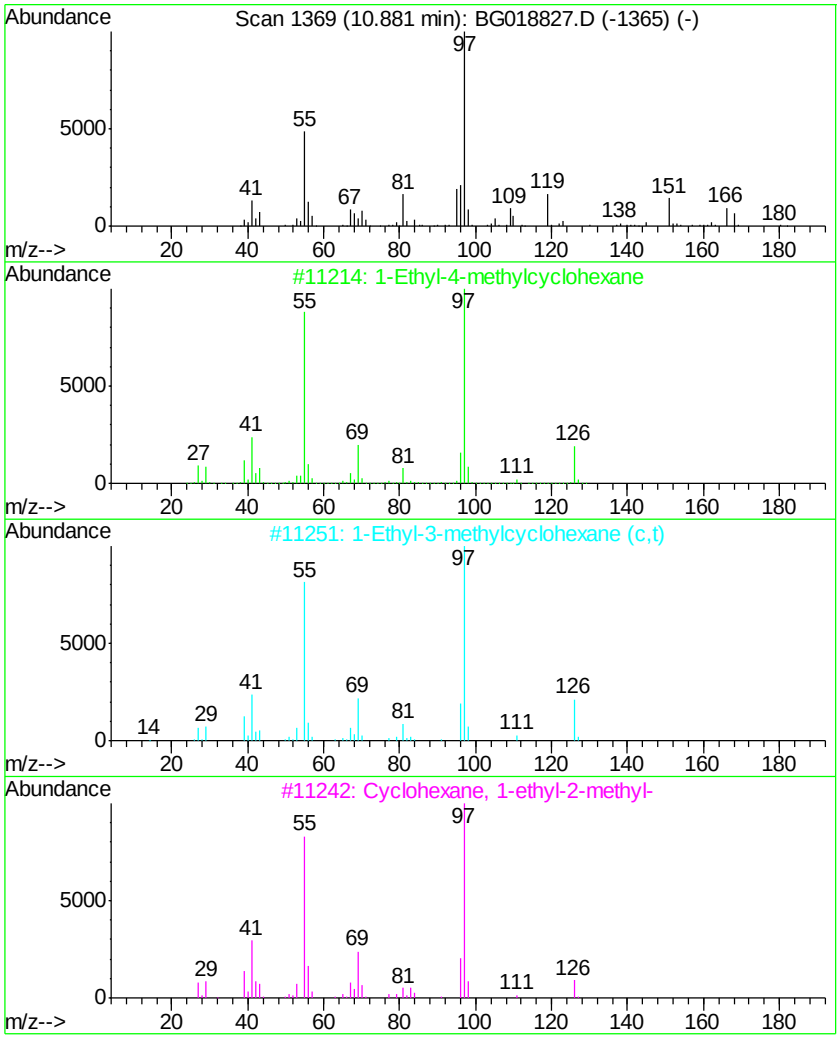
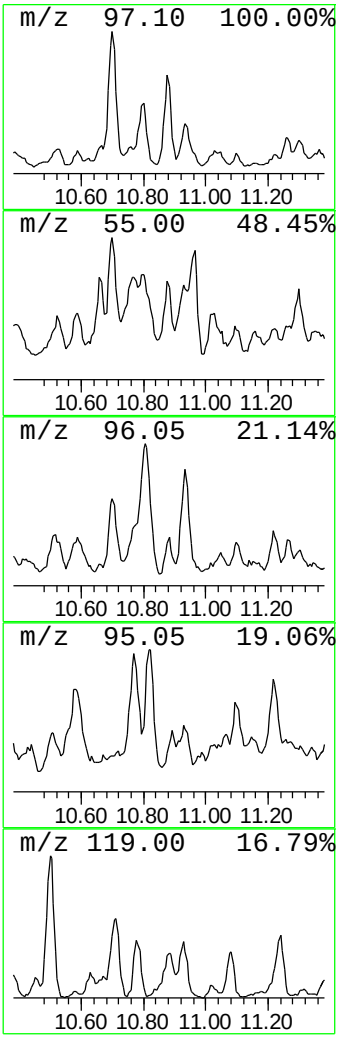
Peak Number 24 (DEL) Alkane: Cyclic10.88 Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	3.75 ng/ul	475797	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Ethyl-4-methylcyclohexane	126	C9H18	003728-56-1	50
2	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	50
3	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	50
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	50
5	4H-1,2,4-Triazole, 4-ethyl-	97	C4H7N3	043183-55-7	43





Library Search Compound Report

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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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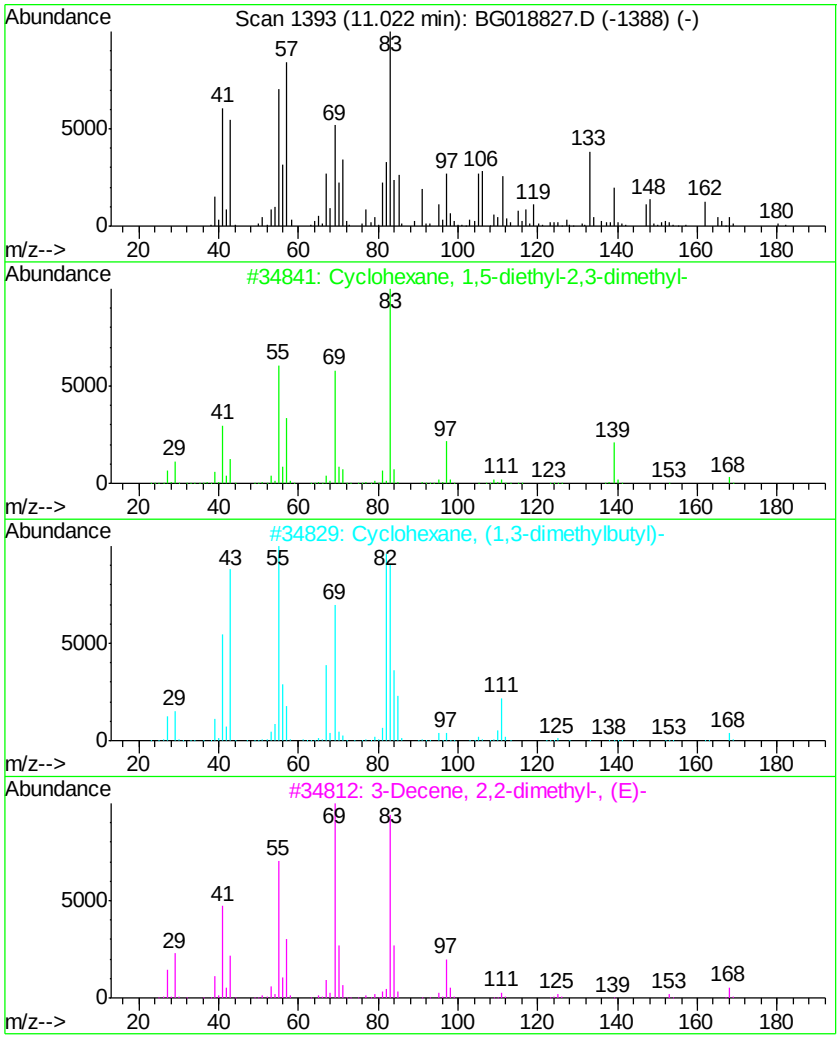
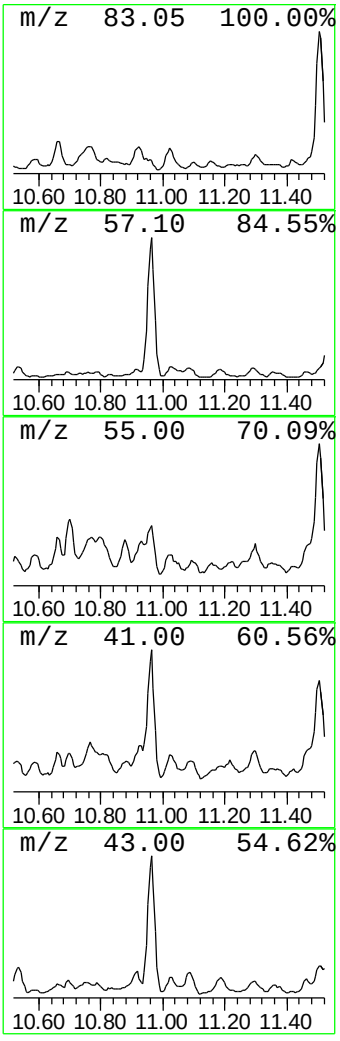
Peak Number 25 (DEL) Alkane: Cyclic11.02 Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.02	4.70 ng/ul	596036	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1,5-diethyl-2,3-dim...	168	C12H24	074663-66-4	43
2	Cyclohexane, (1,3-dimethylbutyl)-	168	C12H24	061142-19-6	35
3	3-Decene, 2,2-dimethyl-, (E)-	168	C12H24	055499-02-0	30
4	Cyclohexanecarboxylic acid, 4-oc...	240	C15H28O2	1000279-52-2	27
5	Cyclohexanecarbonyl chloride	146	C7H11ClO	002719-27-9	27





Library Search Compound Report

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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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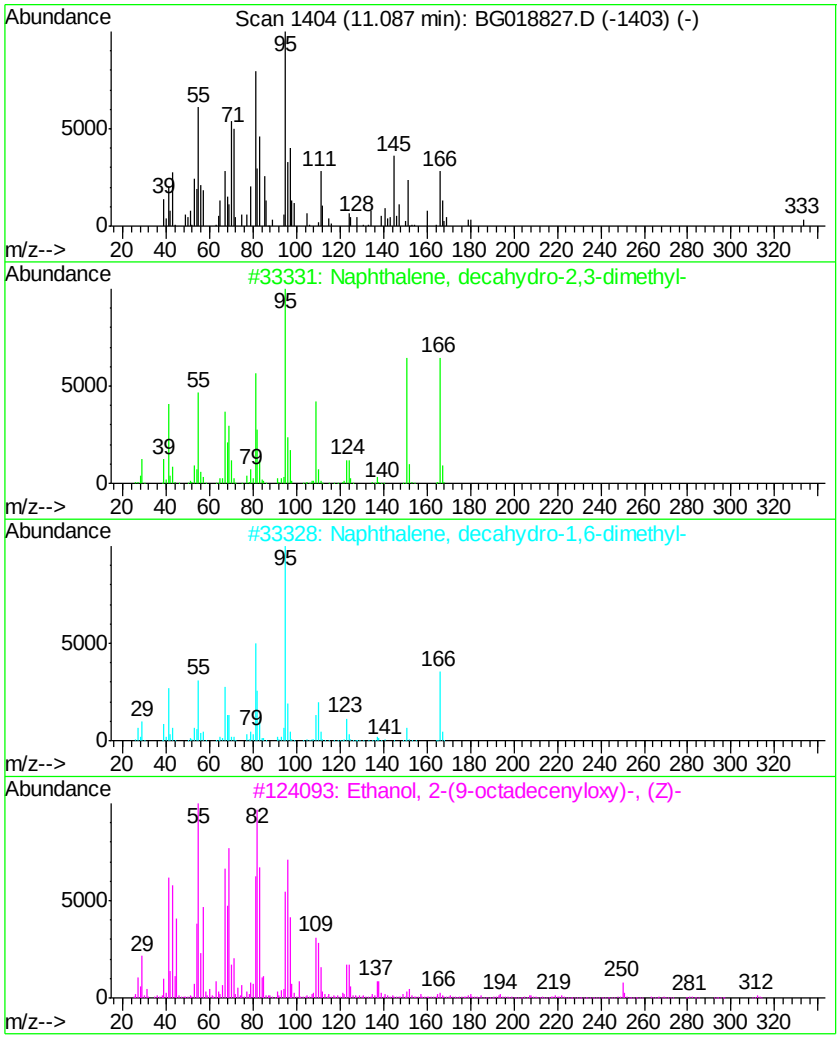
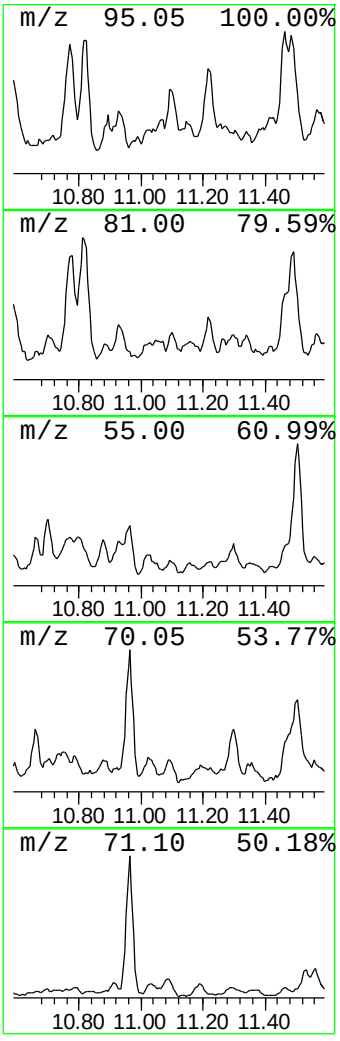
Peak Number 26 Naphthalene, decahydro-2,3-... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.09	2.44 ng/ul	310312	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, decahydro-2,3-dimet...	166	C12H22	001008-80-6	53
2	Naphthalene, decahydro-1,6-dimet...	166	C12H22	001750-51-2	50
3	Ethanol, 2-(9-octadecenyloxy)-, ...	312	C20H40O2	005353-25-3	43
4	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	38
5	5-Nonadecen-1-ol	282	C19H38O	1000131-11-9	35





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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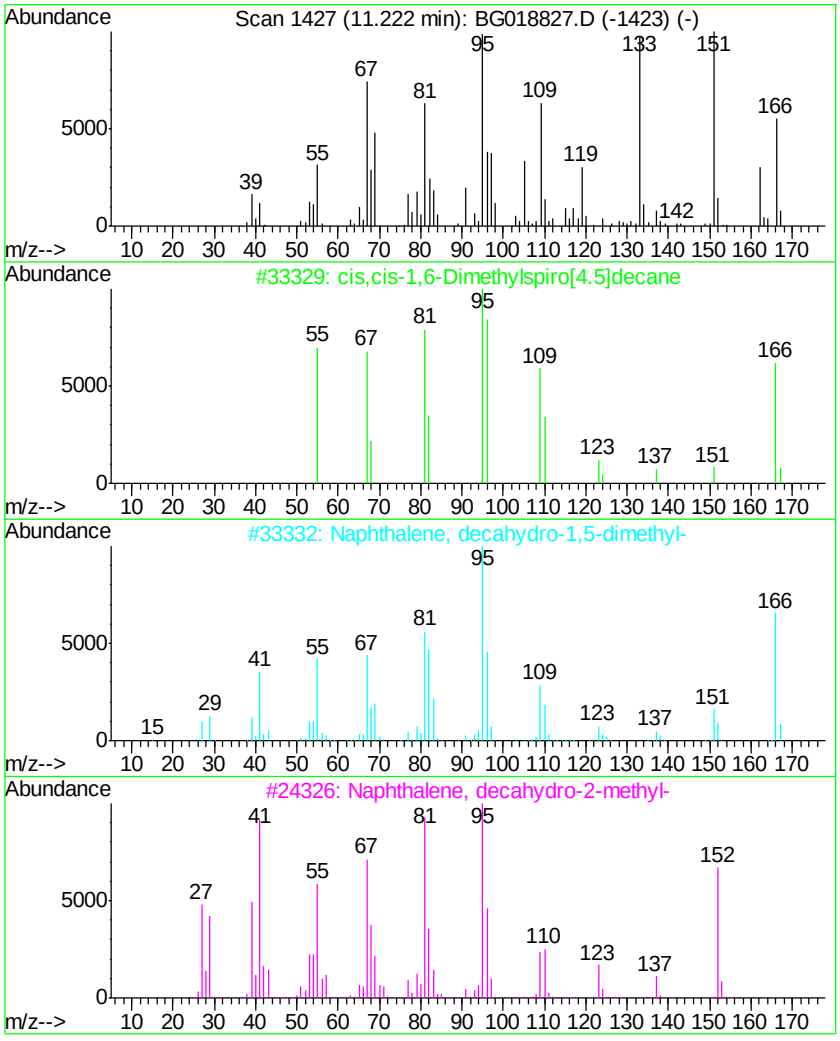
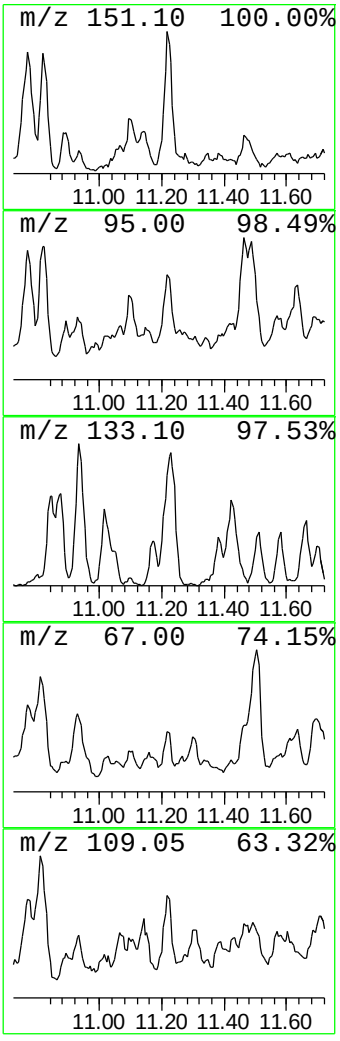
Peak Number 27 unknown-04 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	2.15 ng/ul	273276	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis,cis-1,6-Dimethylspiro[4.5]de...	166	C12H22	1000111-72-4	38
2	Naphthalene, decahydro-1,5-dimet...	166	C12H22	066552-62-3	38
3	Naphthalene, decahydro-2-methyl-	152	C11H20	002958-76-1	30
4	Cyclohexane, 1-methyl-4-(2-hydro...	142	C9H18O	004916-87-4	27
5	7-Tetradecyne	194	C14H26	035216-11-6	27





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Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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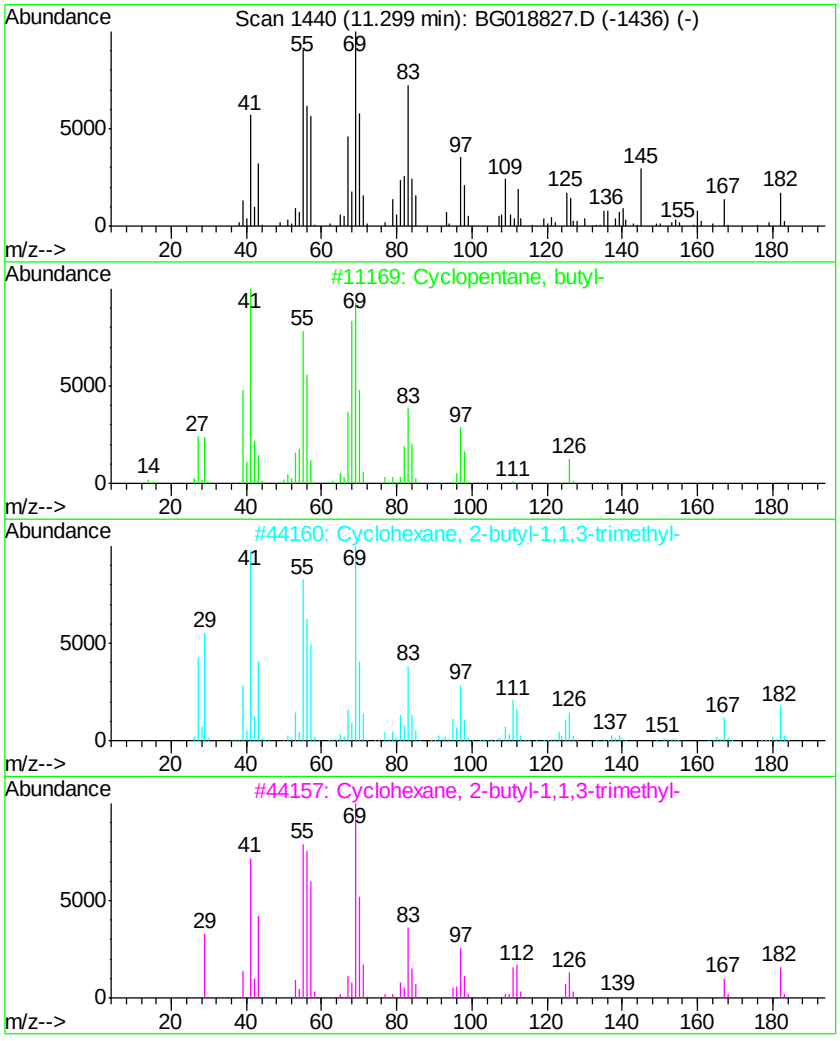
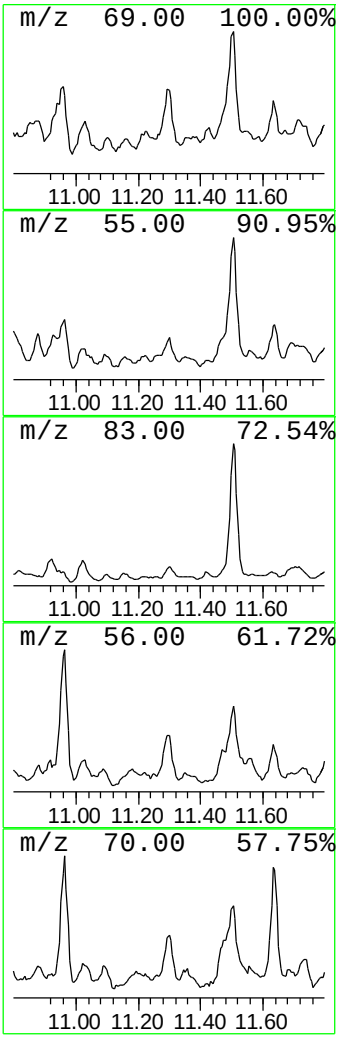
Peak Number 28 (DEL) Alkane: Cyclic11.30 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	3.30 ng/ul	418318	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, butyl-	126	C9H18	002040-95-1	81
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	60
3	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	60
4	6-Tridecene, (E)-	182	C13H26	006434-76-0	58
5	6-Tridecene, (Z)-	182	C13H26	006508-77-6	58





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Sample : G3758-15
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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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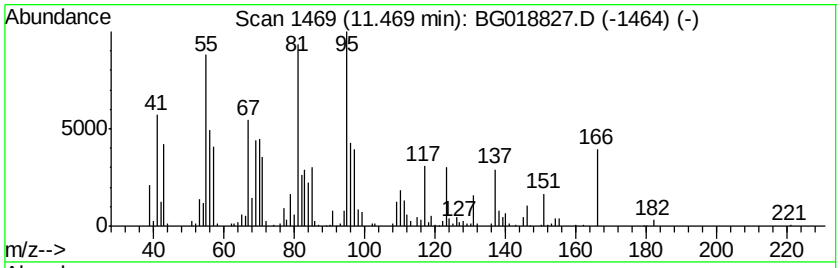
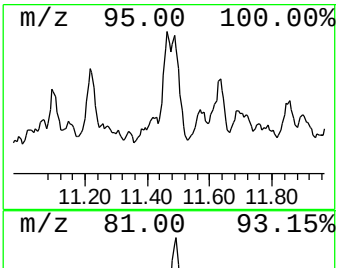
Peak Number 29 trans,trans-1,8-Dimethylspi... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	3.79 ng/ul	481171	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans,trans-1,8-Dimethylspiro[4....	166	C12H22	1000111-72-8	58
2	3-Octyne, 2,2,7-trimethyl-	152	C11H20	055402-13-6	38
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	004755-33-3	38
4	Cyclohexene,1-hexyl-	166	C12H22	003964-66-7	30
5	(-)-trans-Pinane	138	C10H18	033626-25-4	30





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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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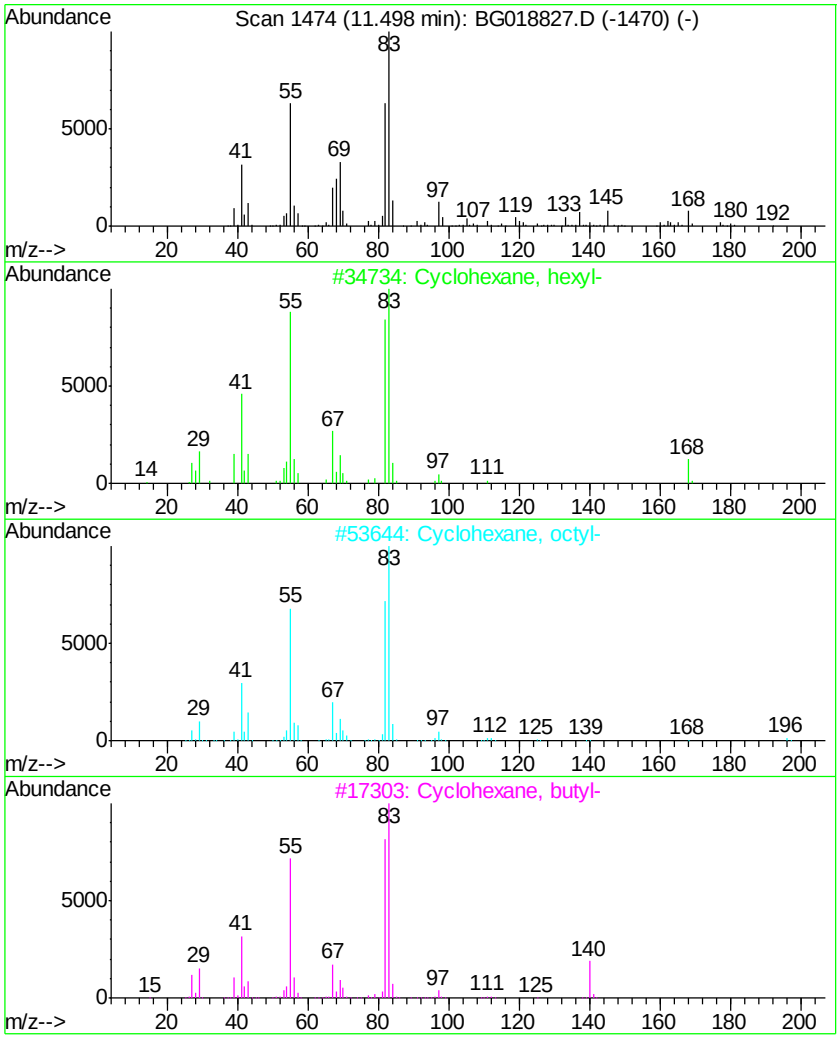
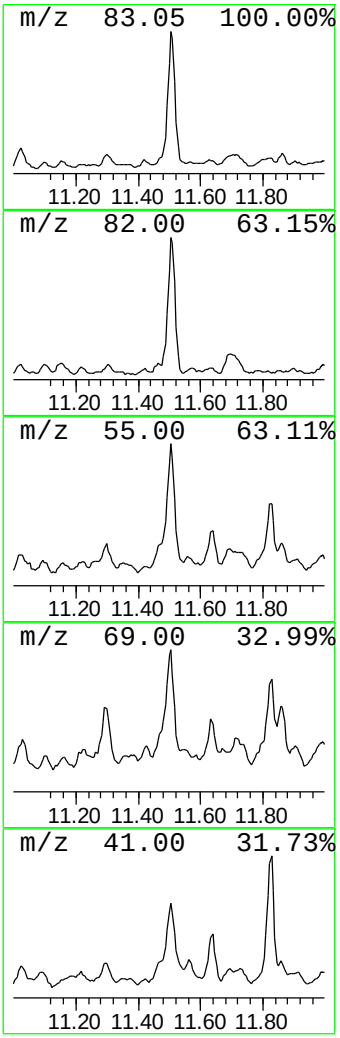
Peak Number 30 (DEL) Alkane: Cyclic11.50 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.50	15.97 ng/ul	2027890	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, hexyl-	168	C12H24	004292-75-5	72
2	Cyclohexane, octyl-	196	C14H28	001795-15-9	72
3	Cyclohexane, butyl-	140	C10H20	001678-93-9	64
4	Cyclohexane, eicosyl-	364	C26H52	004443-55-4	64
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	64





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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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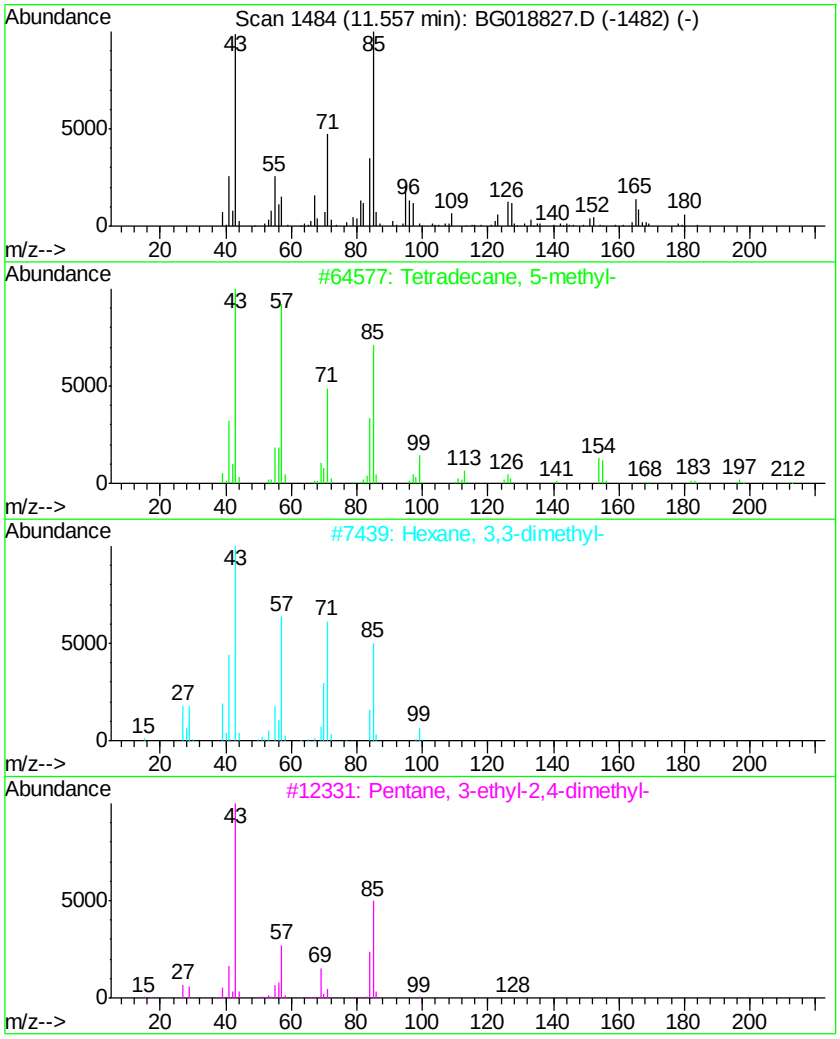
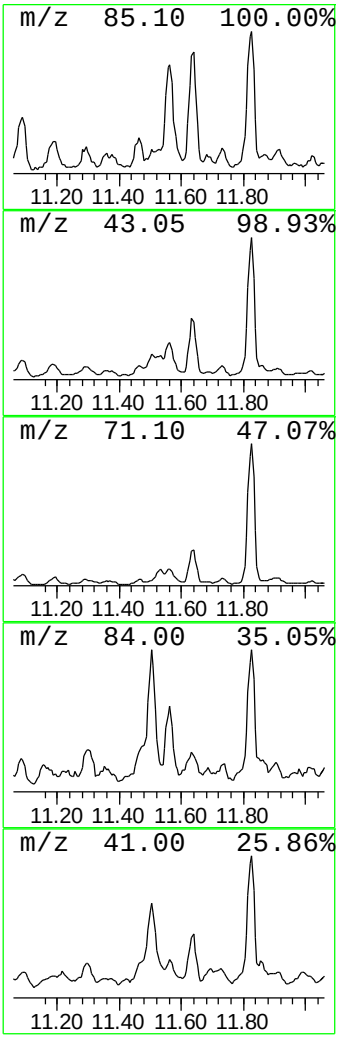
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	2.60 ng/ul	330611	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 5-methyl-	212	C15H32	025117-32-2	47
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	43
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	38
4	Undecane, 2,4-dimethyl-	184	C13H28	017312-80-0	37
5	2-Butyl-1,2-oxaborolane	126	C7H15BO	005357-13-1	35





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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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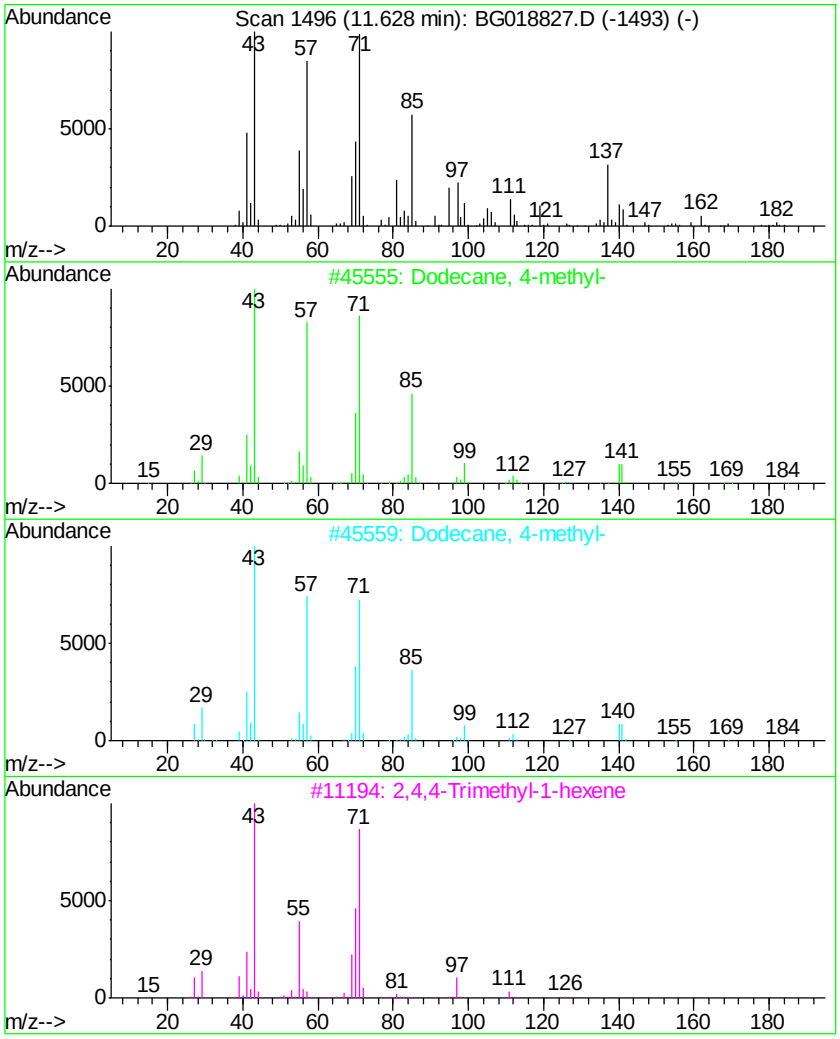
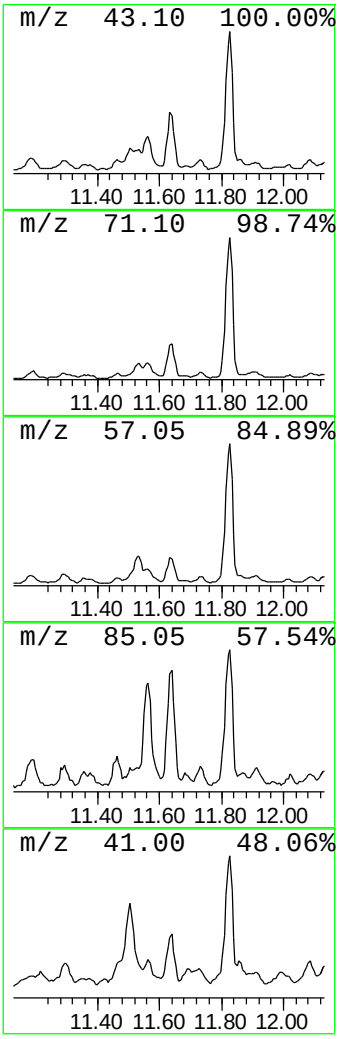
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	8.22 ng/ul	1043670	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	93
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	86
3	2,4,4-Trimethyl-1-hexene	126	C9H18	051174-12-0	43
4	Heptane, 3,3,5-trimethyl-	142	C10H22	007154-80-5	38
5	Decane, 5-propyl-	184	C13H28	017312-62-8	38





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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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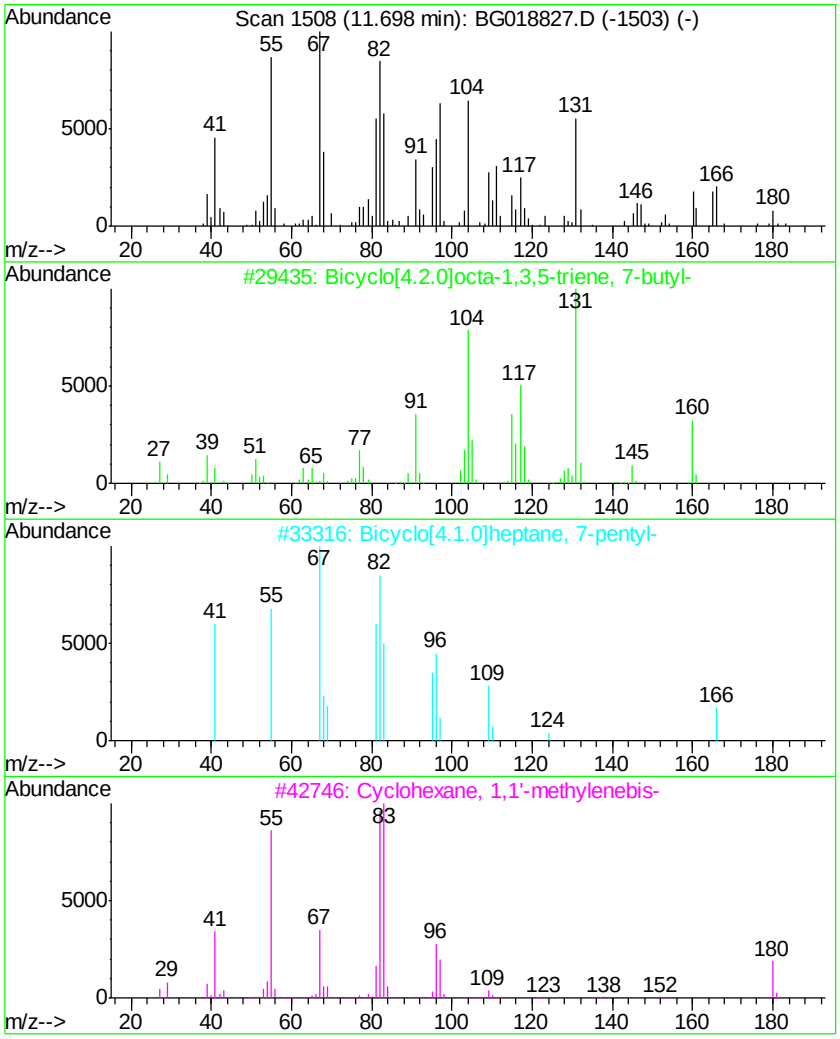
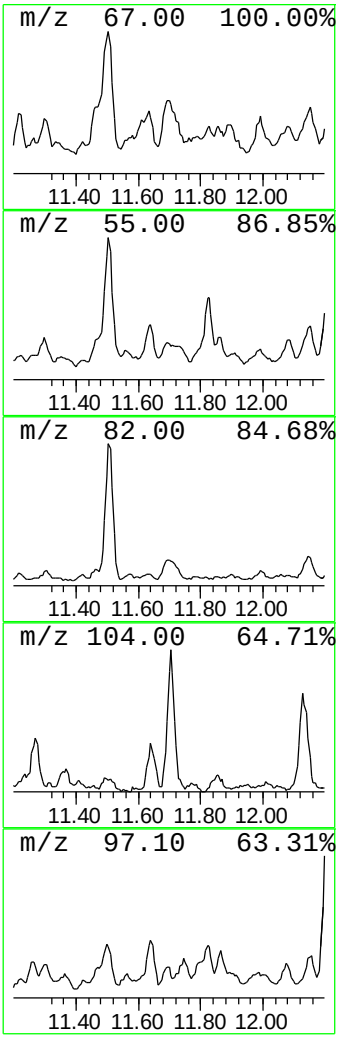
Peak Number 33 unknown-05 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	5.79 ng/ul	734827	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.0]octa-1,3,5-triene,...	160	C12H16	078920-29-3	30
2	Bicyclo[4.1.0]heptane, 7-pentyl-	166	C12H22	041977-45-1	30
3	Cyclohexane, 1,1'-methylenebis-	180	C13H24	003178-23-2	25
4	1H-Indene, 2,3-dihydro-4-propyl-	160	C12H16	092013-16-6	25
5	Vinylcyclohexyl ether	126	C8H14O	002182-55-0	22





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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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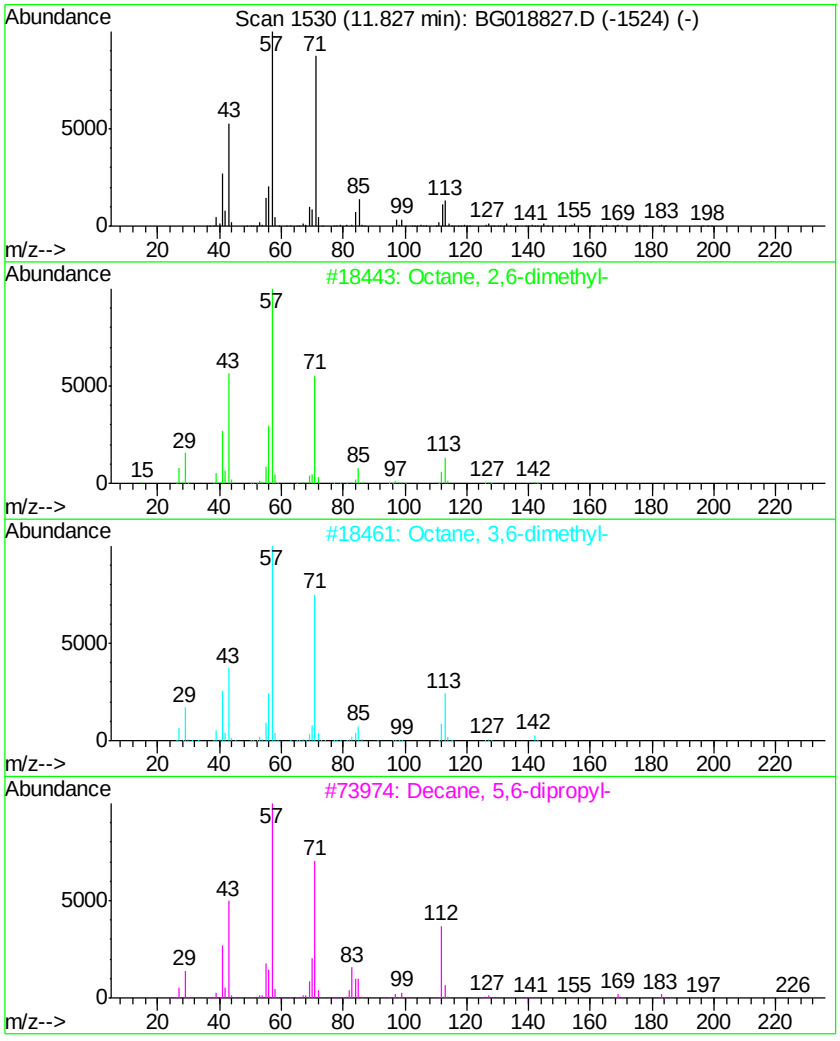
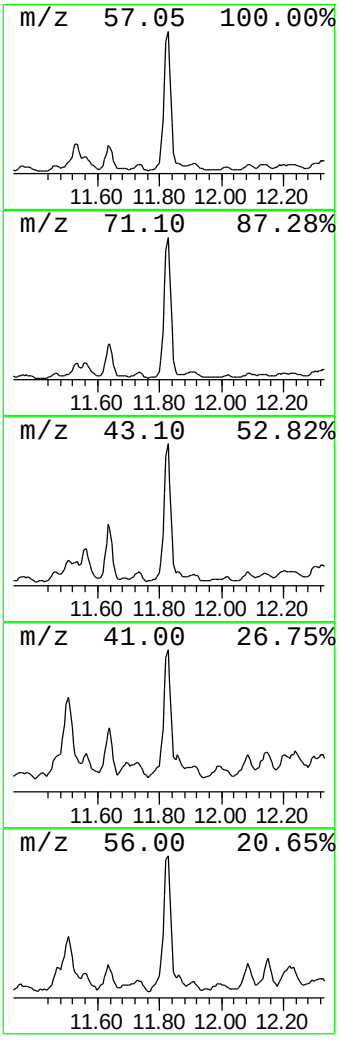
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.83	17.96 ng/ul	2279940	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	83
2	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	78
3	Decane, 5,6-dipropyl-	226	C16H34	119209-20-0	78
4	Dodecane, 4,6-dimethyl-	198	C14H30	061141-72-8	64
5	Heptane, 3,3-dimethyl-	128	C9H20	004032-86-4	53





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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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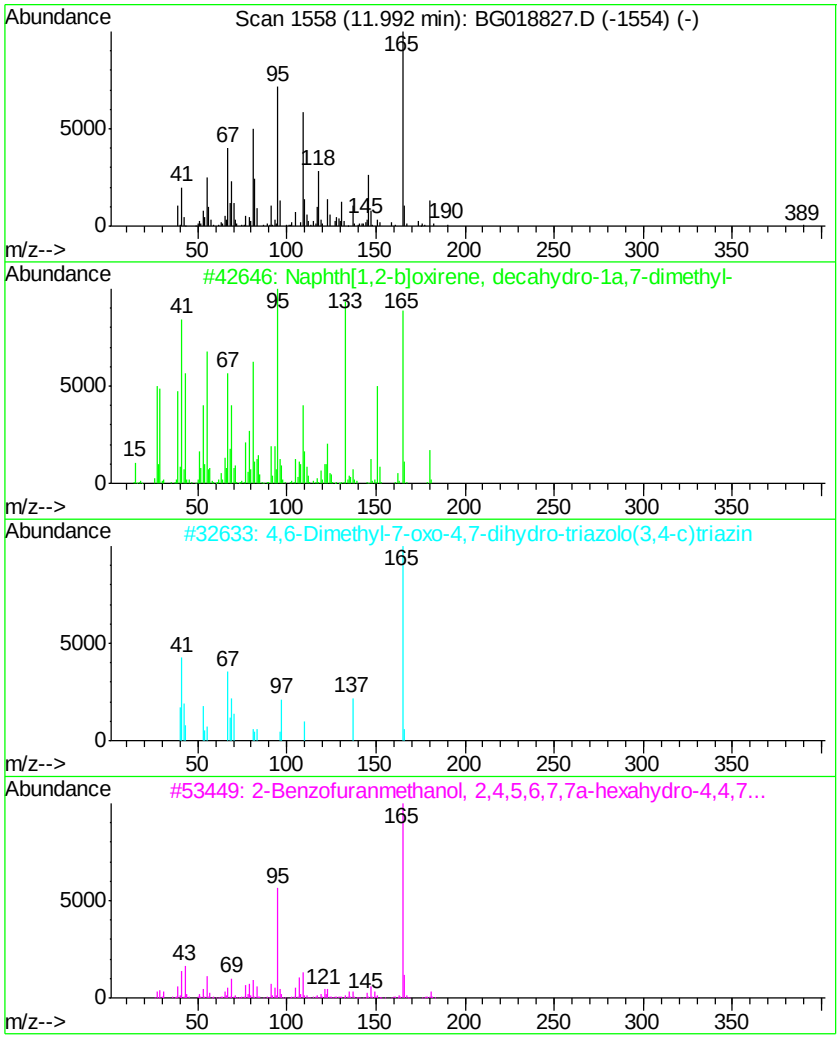
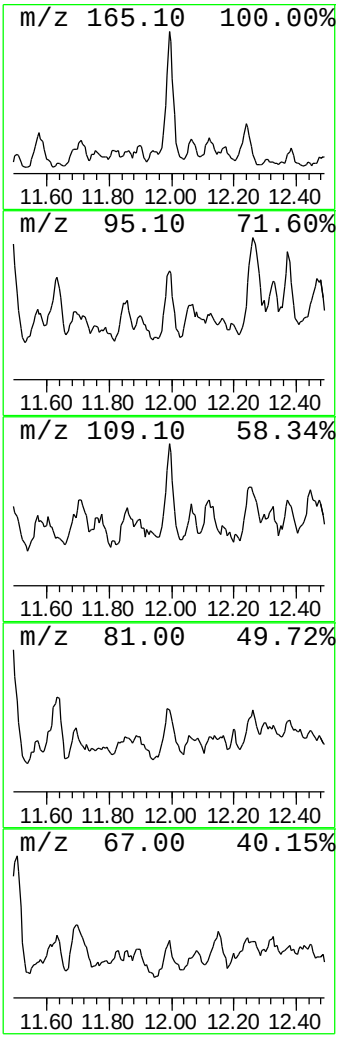
Peak Number 35 unknown-06 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	3.95 ng/ul	501176	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphth[1,2-b]oxirene, decahydro-...	180	C12H20O	055976-08-4	46
2	4,6-Dimethyl-7-oxo-4,7-dihydro-t...	165	C6H7N5O	025623-69-2	38
3	2-Benzofuranmethanol, 2,4,5,6,7,...	196	C12H20O2	077384-15-7	38
4	cis,trans-1,6-Dimethylspiro[4.5]...	166	C12H22	1000111-72-3	30
5	2',4'-Dimethoxyacetophenone	180	C10H12O3	000829-20-9	25





Library Search Compound Report

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Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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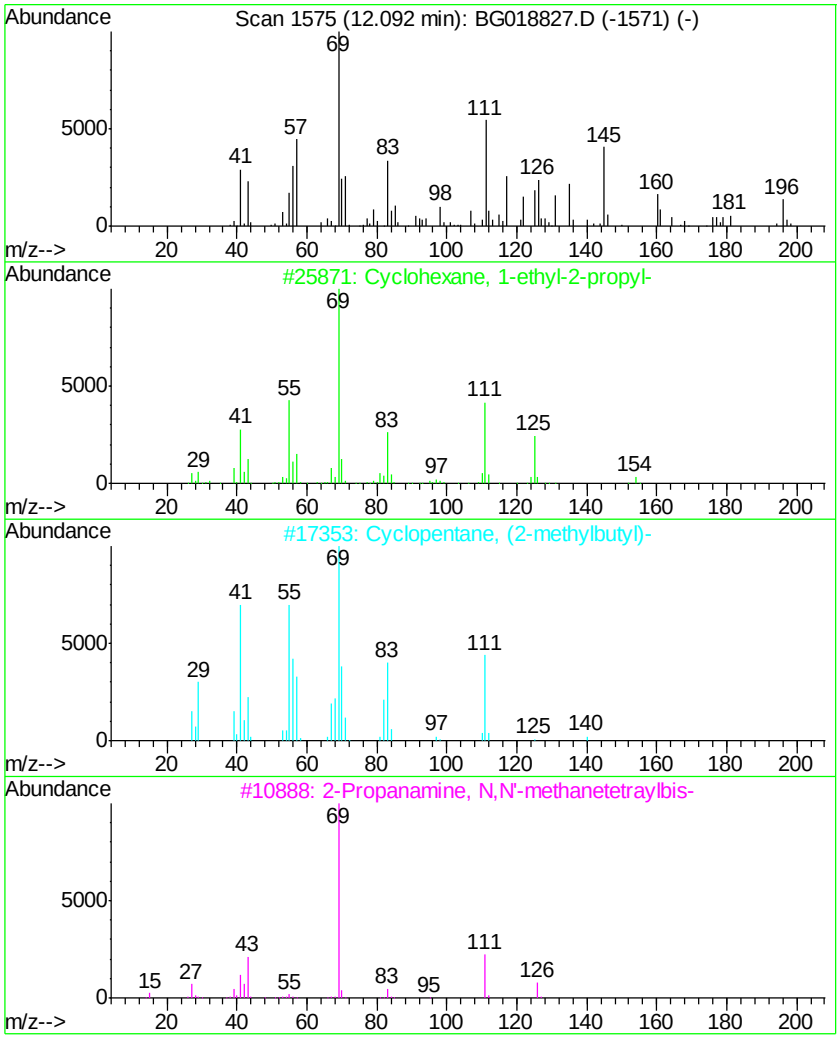
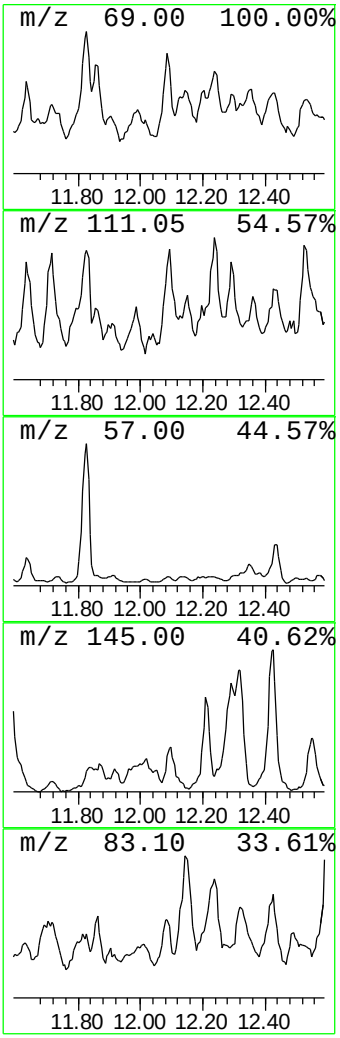
Peak Number 36 (DEL) Alkane: Cyclic12.09 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	2.24 ng/ul	284515	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-propyl-	154	C11H22	062238-33-9	47
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	43
3	2-Propanamine, N,N'-methanetetra...	126	C7H14N2	000693-13-0	43
4	Cyclohexanone, 3,5-dimethyl-, cis-	126	C8H14O	007214-52-0	43
5	2-(Acetylmethylene)tetrahydrofuran	126	C7H10O2	112595-65-0	43





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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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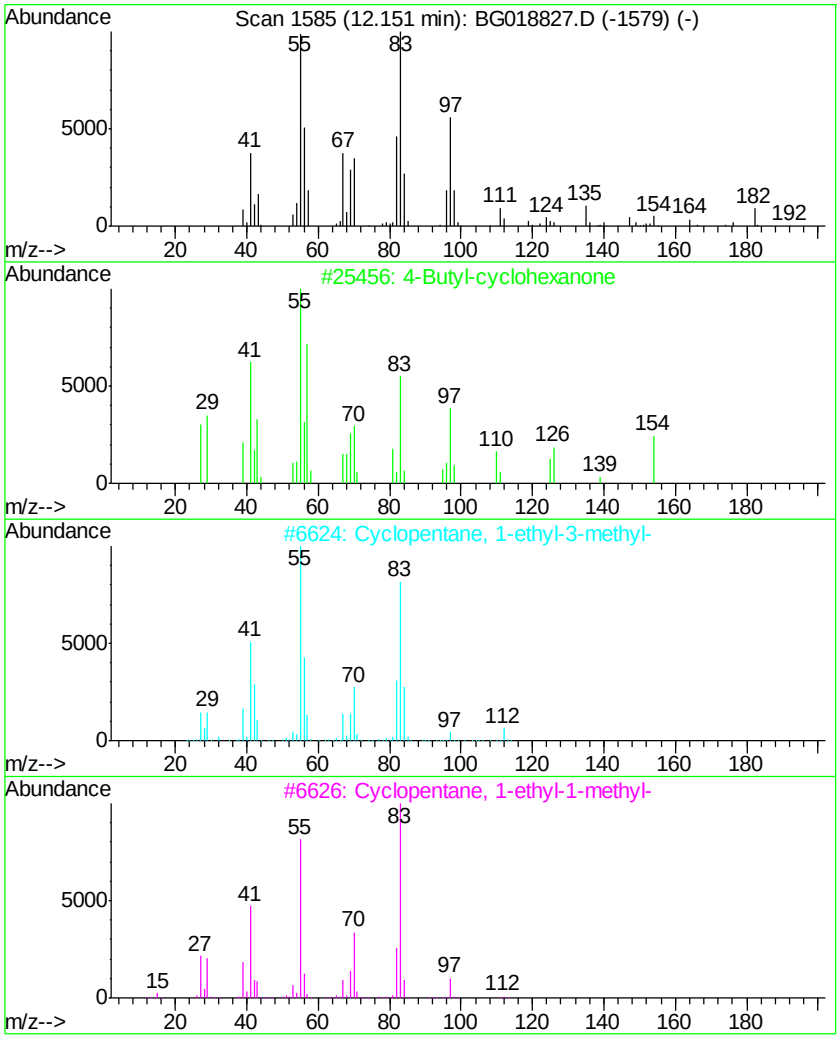
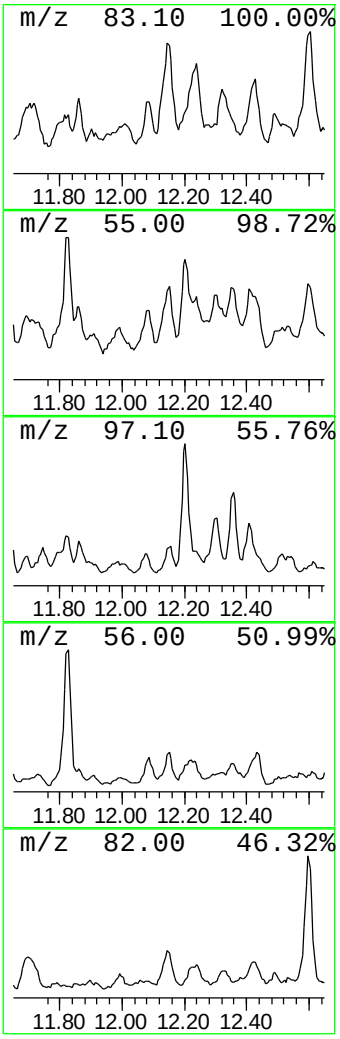
Peak Number 37 4-Butyl-cyclohexanone Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	3.28 ng/ul	416234	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Butyl-cyclohexanone	154	C10H18O	061203-82-5	50
2	Cyclopentane, 1-ethyl-3-methyl-	112	C8H16	003726-47-4	43
3	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
4	3,3,7,7-Tetramethyl-5-oxa-1,9-di...	182	C10H18N2O	090832-25-0	38
5	2-Butyl-.delta.1-pyrroline	125	C8H15N	064319-86-4	38





Library Search Compound Report

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Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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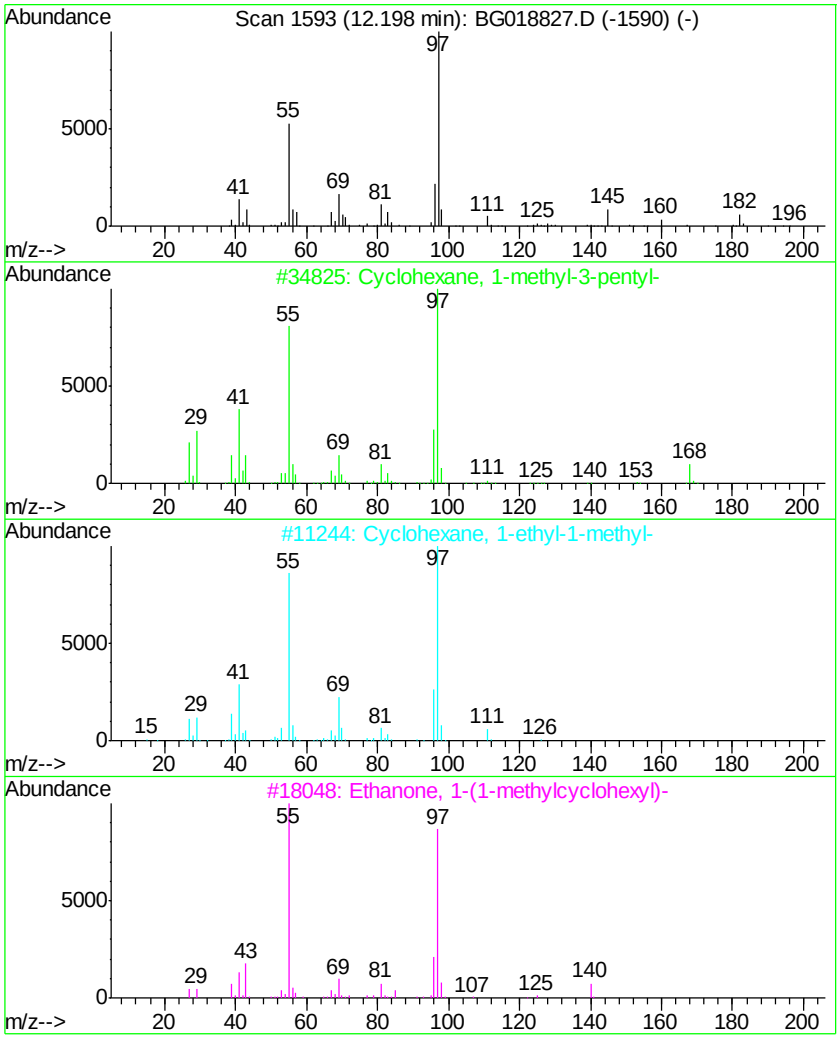
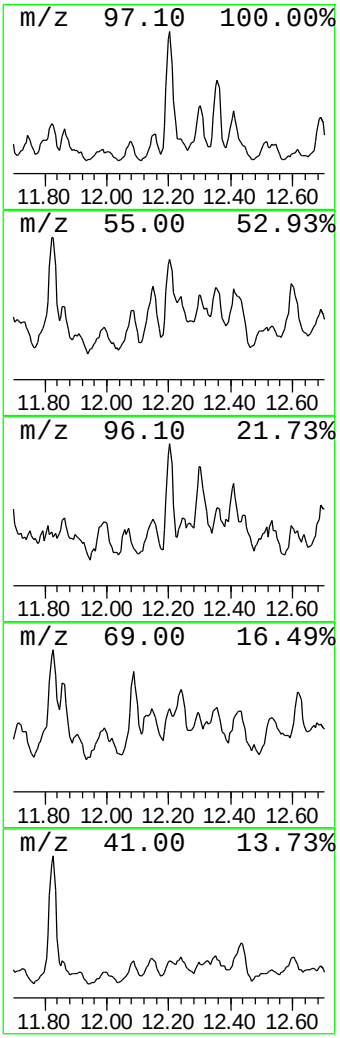
Peak Number 38 (DEL) Alkane: Cyclic12.20 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.20	3.33 ng/ul	422455	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-methyl-3-pentyl-	168	C12H24	054411-02-8	72
2	Cyclohexane, 1-ethyl-1-methyl-	126	C9H18	004926-90-3	72
3	Ethanone, 1-(1-methylcyclohexyl)-	140	C9H16O	002890-62-2	64
4	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	59
5	1-Ethyl-3-methylcyclohexane (c,t)	126	C9H18	003728-55-0	59





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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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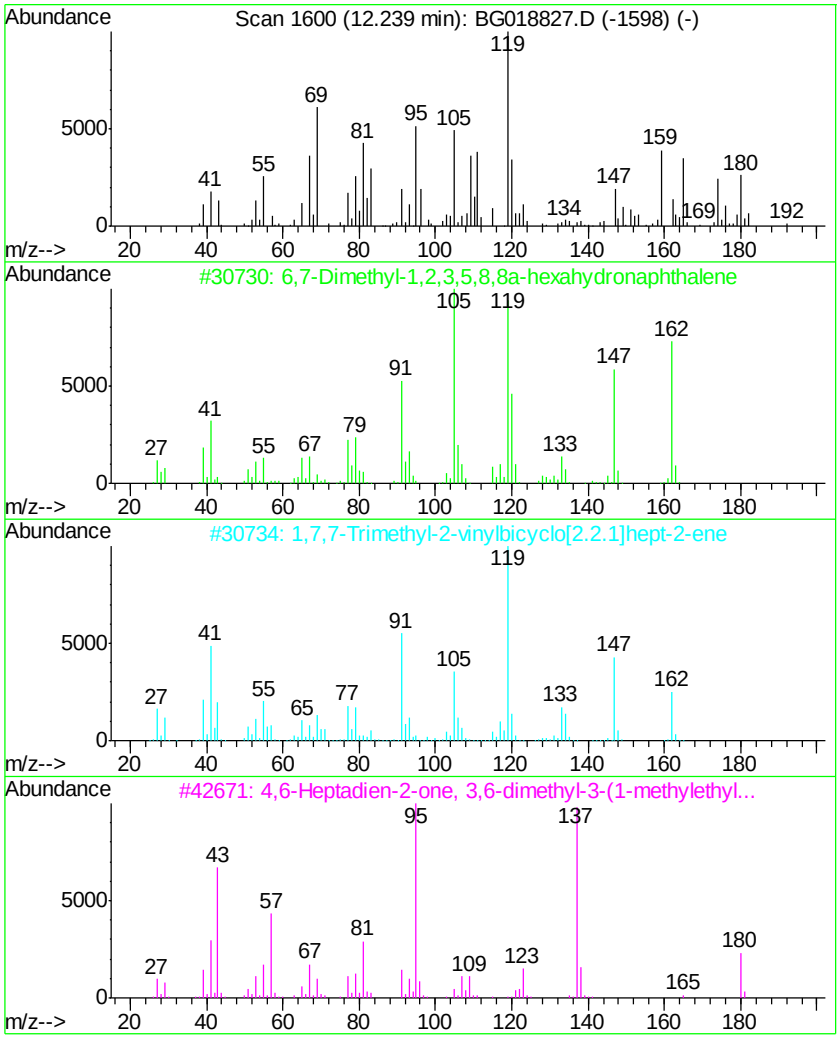
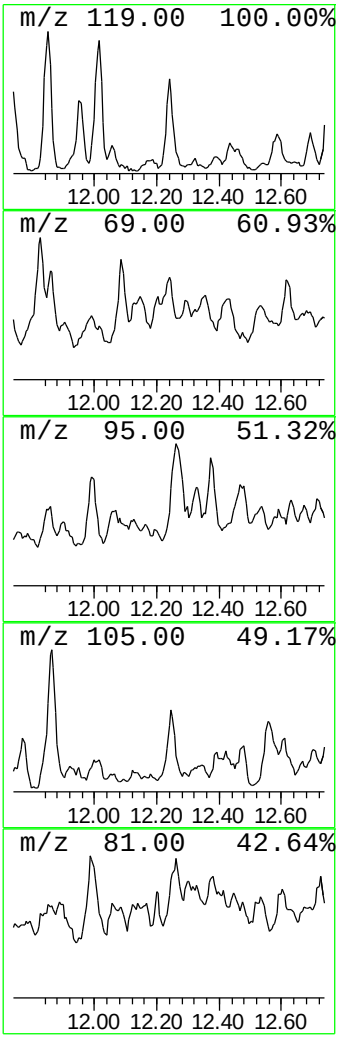
Peak Number 39 unknown-07 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.24	2.90 ng/ul	367828	Naphthalene-d8	10.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethyl-1,2,3,5,8,8a-hexahy...	162	C12H18	107914-92-1	25
2	1,7,7-Trimethyl-2-vinylbicyclo[2...	162	C12H18	130930-56-2	25
3	4,6-Heptadien-2-one, 3,6-dimethy...	180	C12H20O	077822-50-5	25
4	cis,trans-1,7-Dimethylspiro[5.5]...	180	C13H24	1000111-73-1	25
5	2-(2-Hydroxycycloheptyl)-furan	180	C11H16O2	1000145-02-9	22





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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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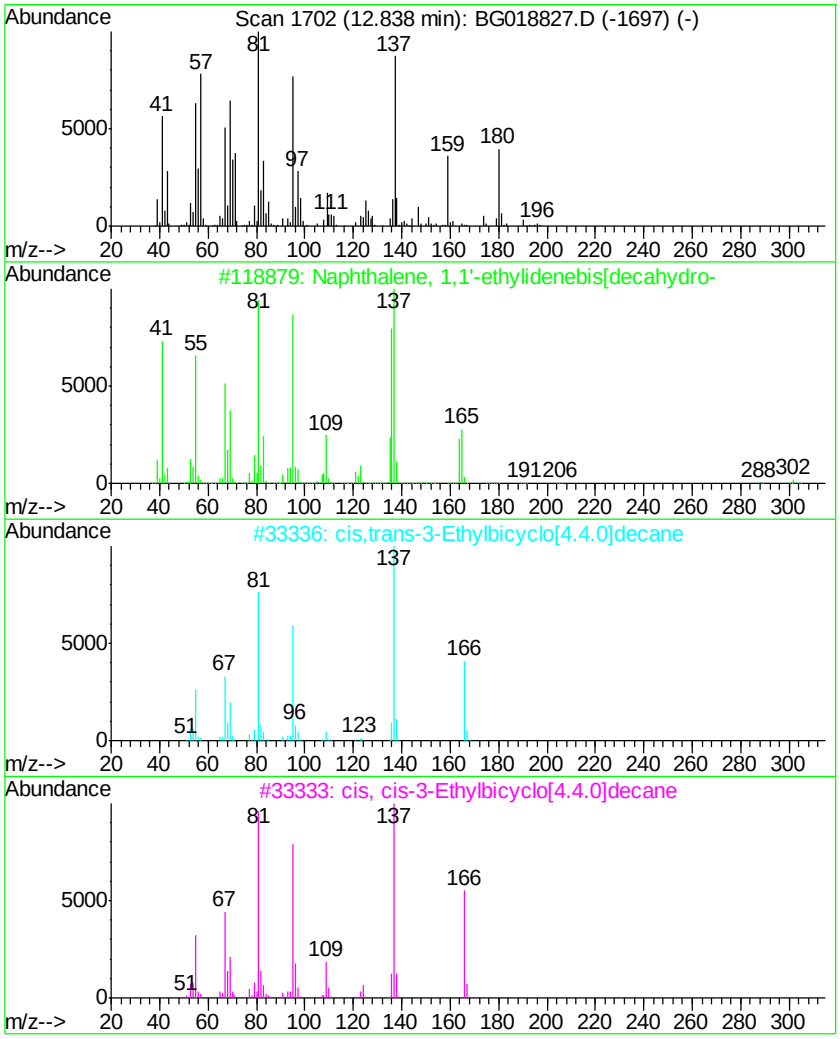
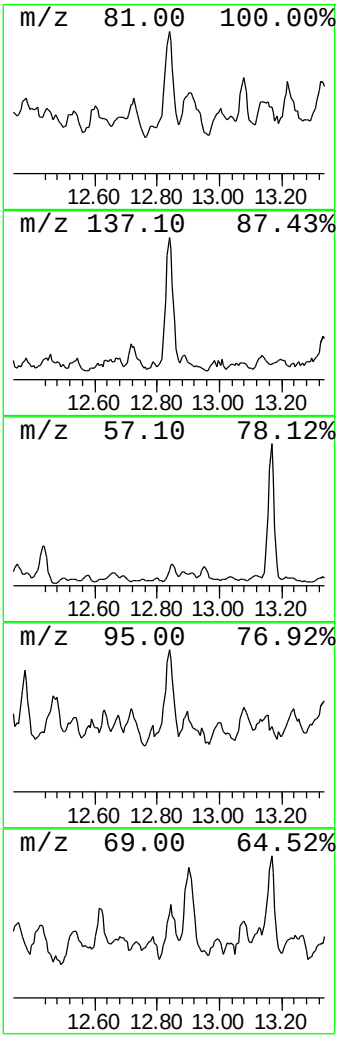
Peak Number 40 unknown-08 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.84	15.25 ng/ul	787806	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,1'-ethylidenebis[...	302	C22H38	054934-70-2	38
2	cis,trans-3-Ethylbicyclo[4.4.0]d...	166	C12H22	066660-41-1	38
3	cis, cis-3-Ethylbicyclo[4.4.0]de...	166	C12H22	066660-42-2	38
4	Trans, trans-2-ethylbicyclo[4.4....	166	C12H22	066660-37-5	38
5	Naphthalene, 2-butyldecahydro-	194	C14H26	006305-52-8	38





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Acq On : 22 Sep 2015 21:51
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Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

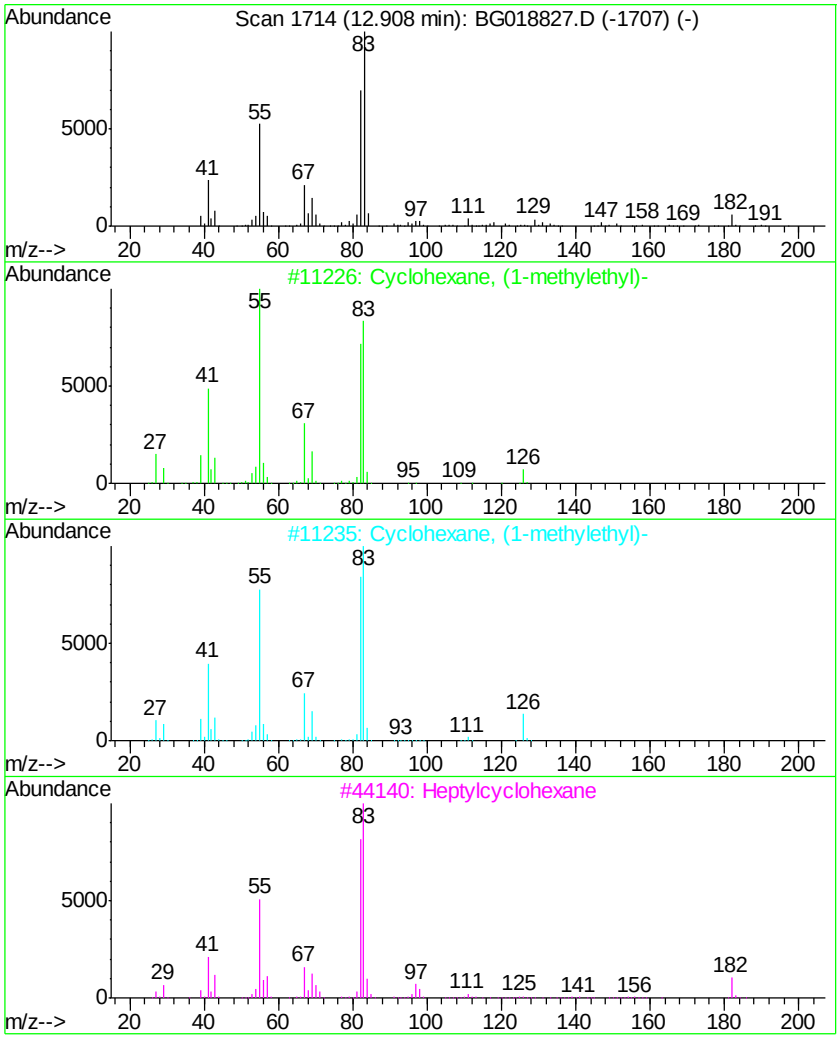
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

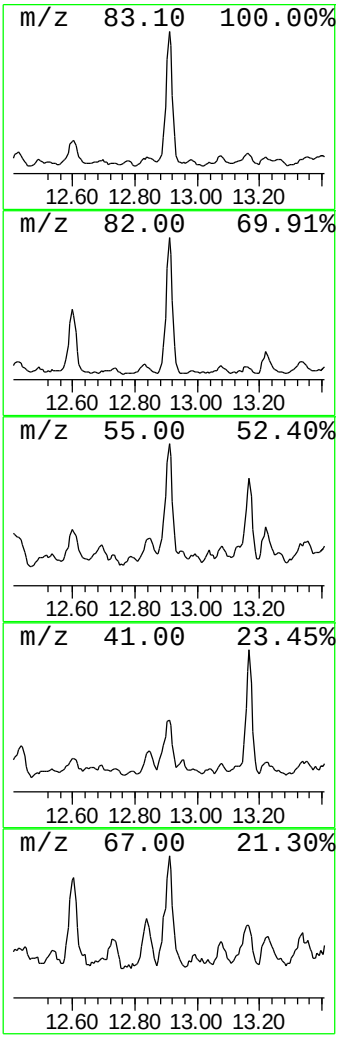
****

Peak Number 41 (DEL) Alkane: Cyclic12.91 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.91	28.50 ng/ul	1472620	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
2	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	78
3	Heptylcyclohexane	182	C13H26	005617-41-4	78
4	Cyclohexane, propyl-	126	C9H18	001678-92-8	72
5	Cyclohexane, pentyl-	154	C11H22	004292-92-6	64





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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

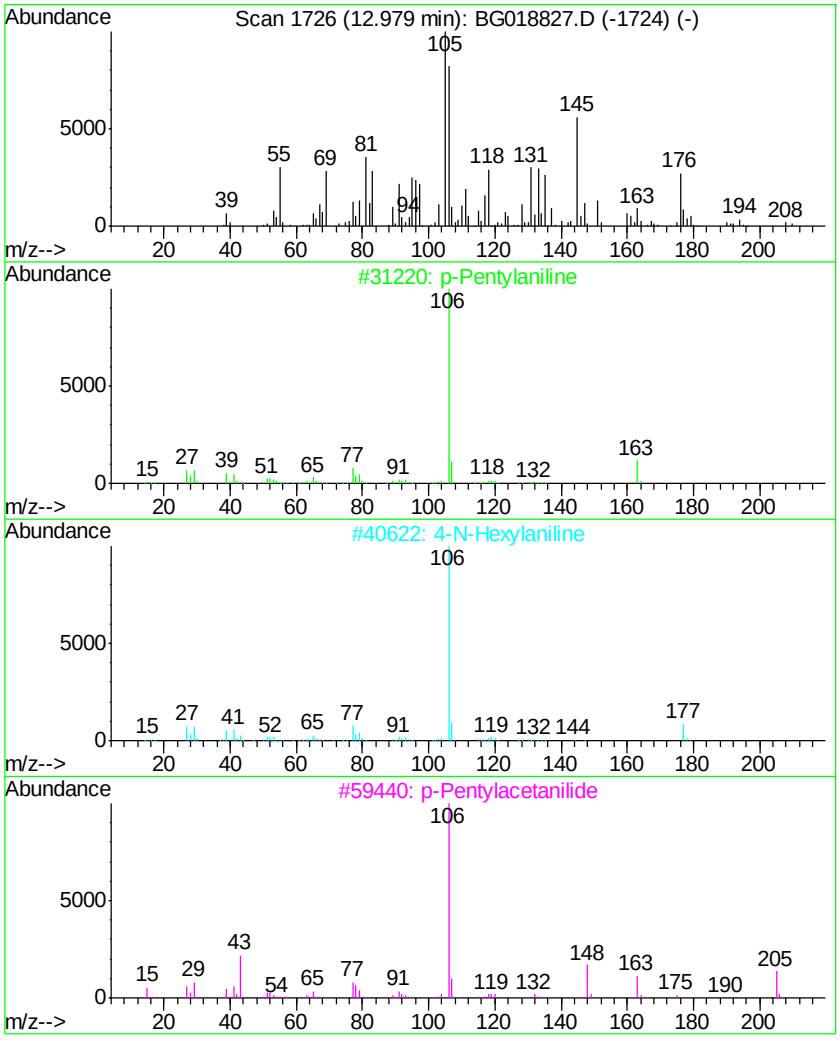
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

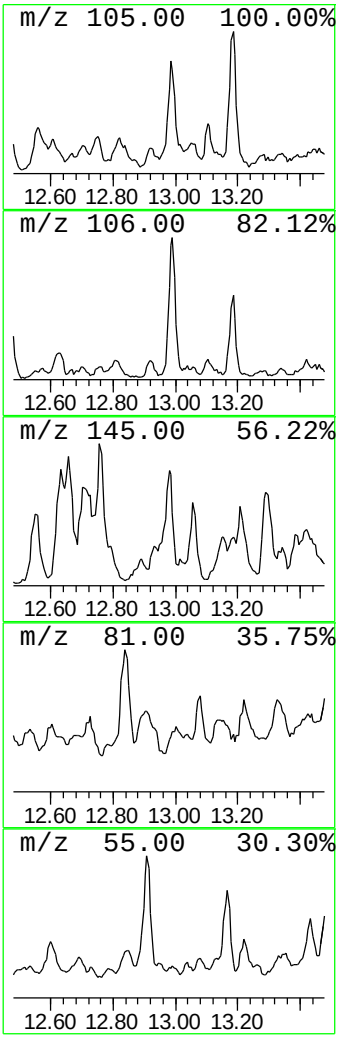
****

Peak Number 42 unknown-09 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.98	5.68 ng/ul	293370	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Pentylaniline	163	C11H17N	033228-44-3	38
2	4-N-Hexylaniline	177	C12H19N	033228-45-4	27
3	p-Pentylacetanilide	205	C13H19NO	020330-52-3	27
4	Benzeneacetic acid, 4-amino-	151	C8H9NO2	001197-55-3	27
5	Benzeneethanol, 4-amino-	137	C8H11NO	000104-10-9	25





Library Search Compound Report

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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

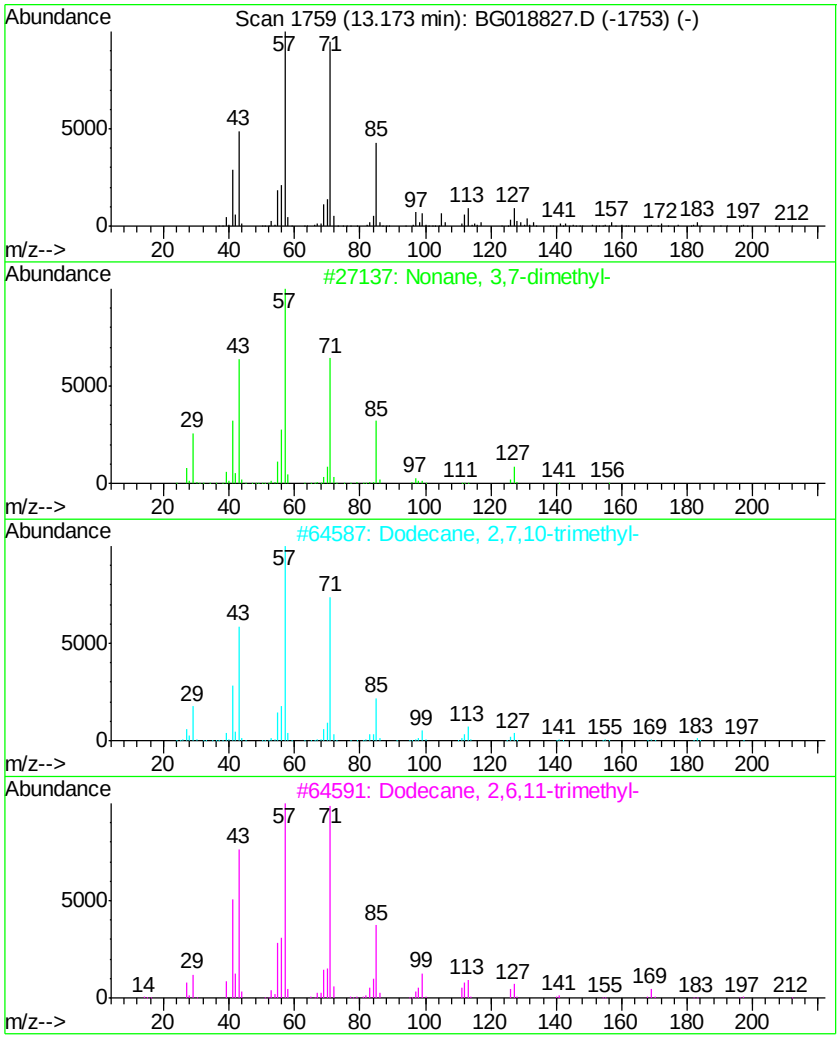
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

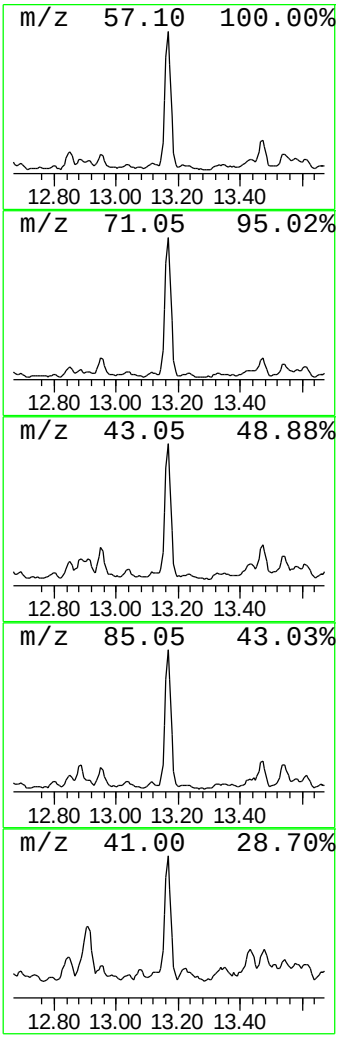
****

Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.17	52.96 ng/ul	2736260	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	90
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	80
3	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	74
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	72
5	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	72





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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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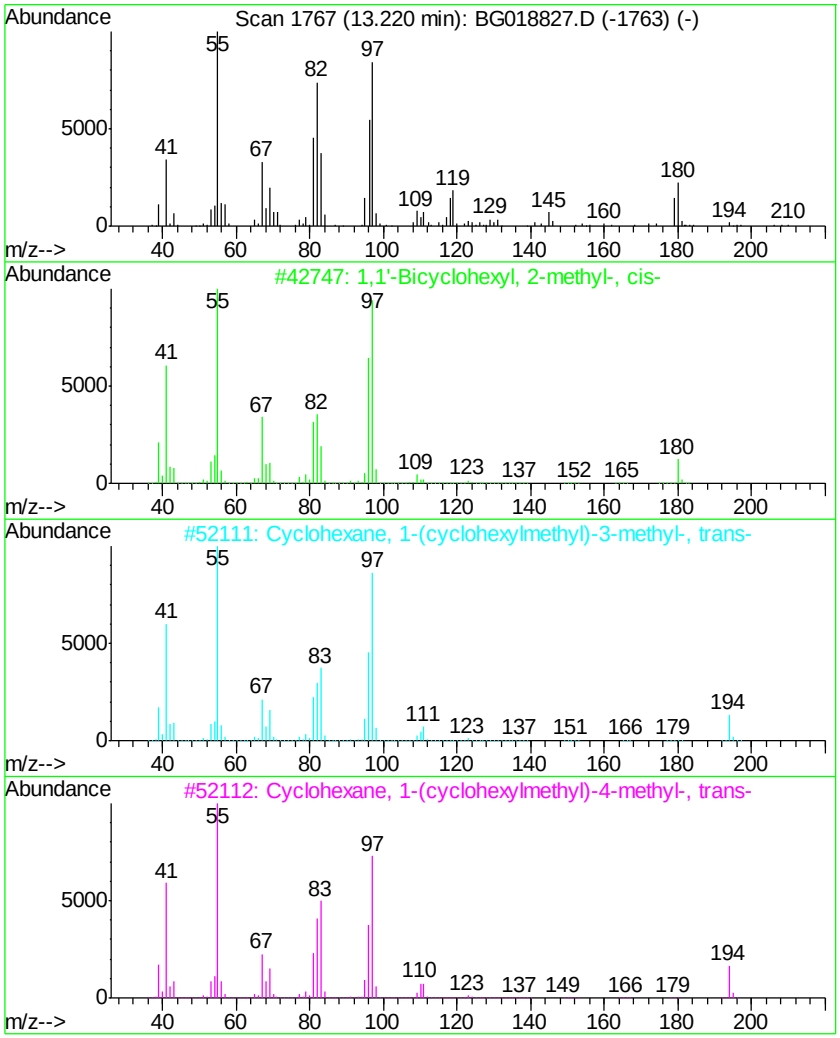
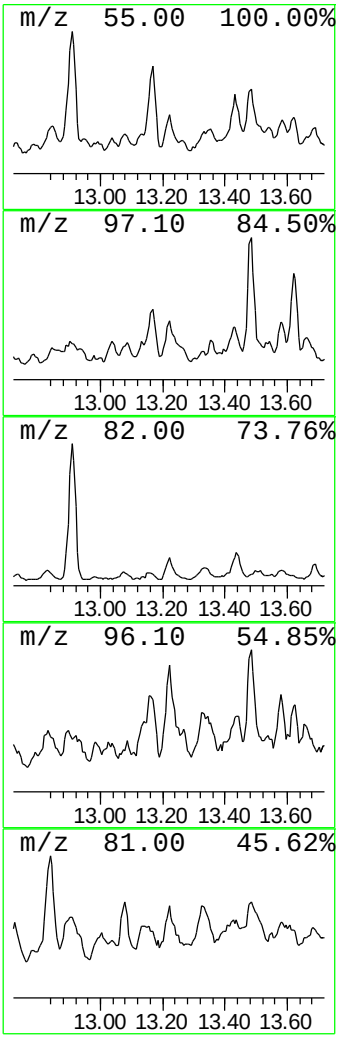
Peak Number 44 unknown-10 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	6.89 ng/ul	356049	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Bicyclohexyl, 2-methyl-, cis-	180	C13H24	050991-08-7	47
2	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-95-9	47
3	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-98-2	47
4	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-94-8	43
5	Cyclohexane, 1-(cyclohexylmethyl...	194	C14H26	054823-96-0	38





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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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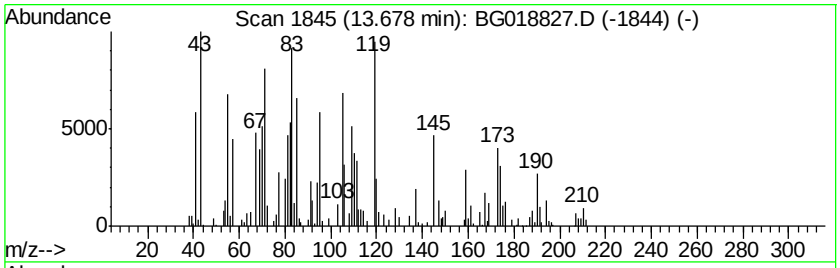
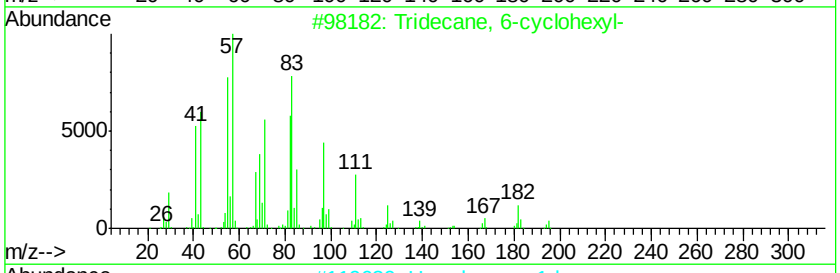
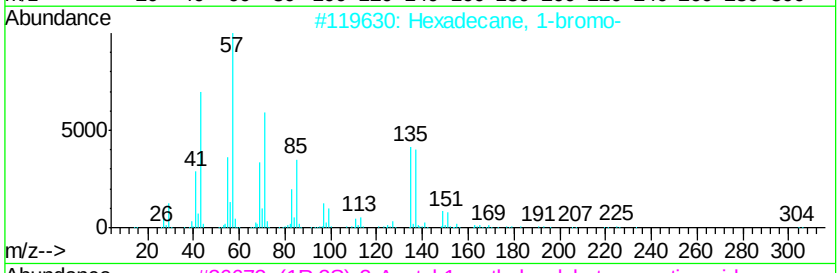
Peak Number 46 (DEL) Alkane: Cyclic13.68 Concentration Rank 24

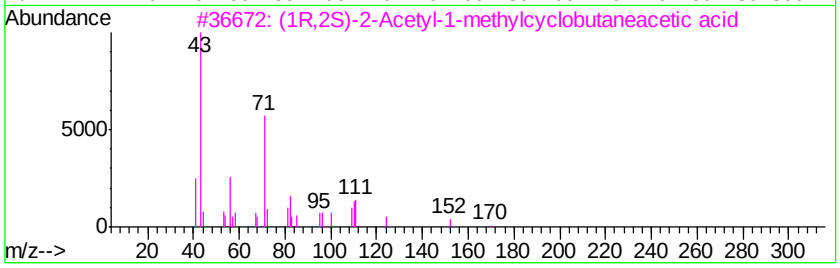
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	8.22 ng/ul	424506	Acenaphthene-d10	14.63

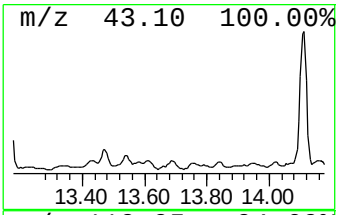
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 6-cyclohexyl-	266	C19H38	013151-91-2	38
2	Hexadecane, 1-bromo-	304	C16H33Br	000112-82-3	22
3	(1R,2S)-2-Acetyl-1-methylcyclobu...	170	C9H14O3	068225-41-2	22
4	Octadecane, 1-bromo-	332	C18H37Br	000112-89-0	22
5	Ethane, 1,2,2-trichloro-1,1-difl...	168	C2HCl3F2	000354-21-2	18

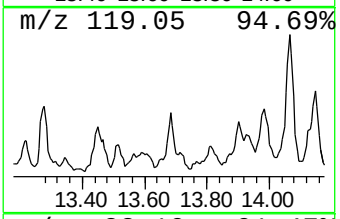


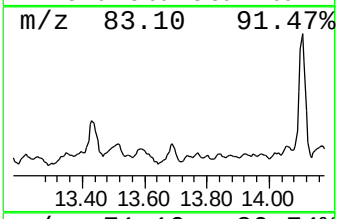


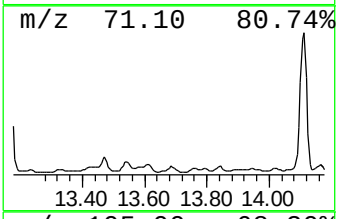


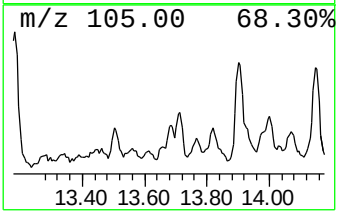












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

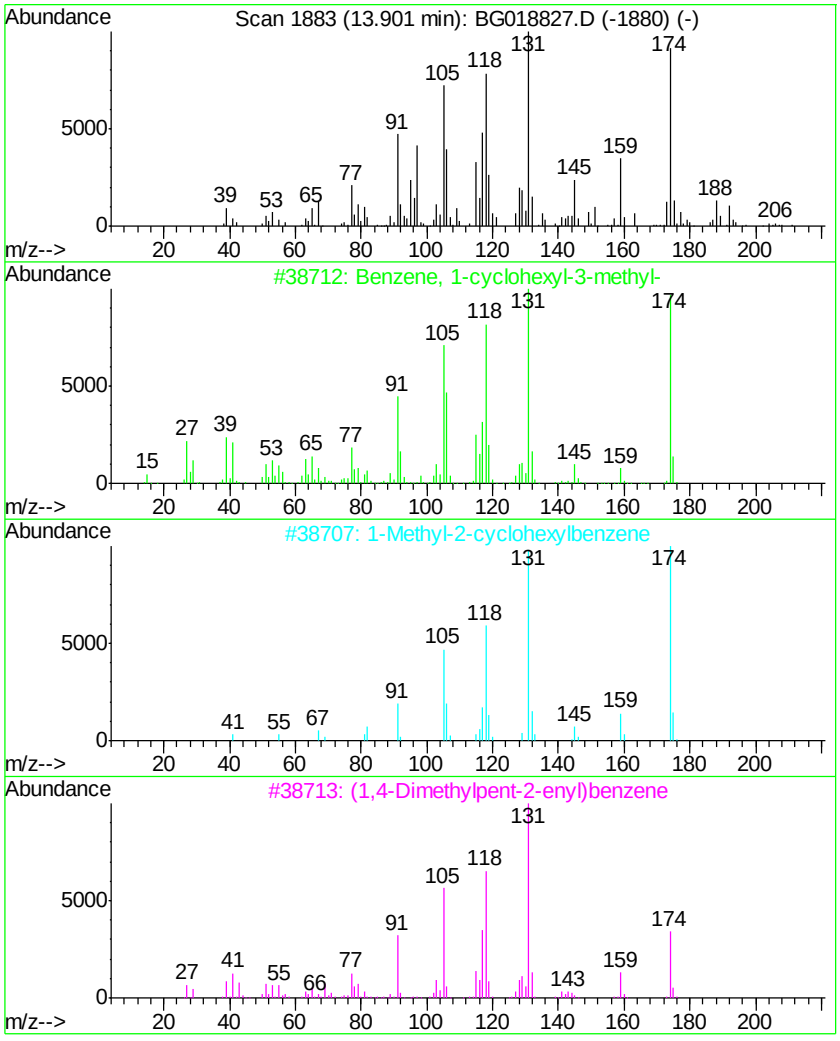
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

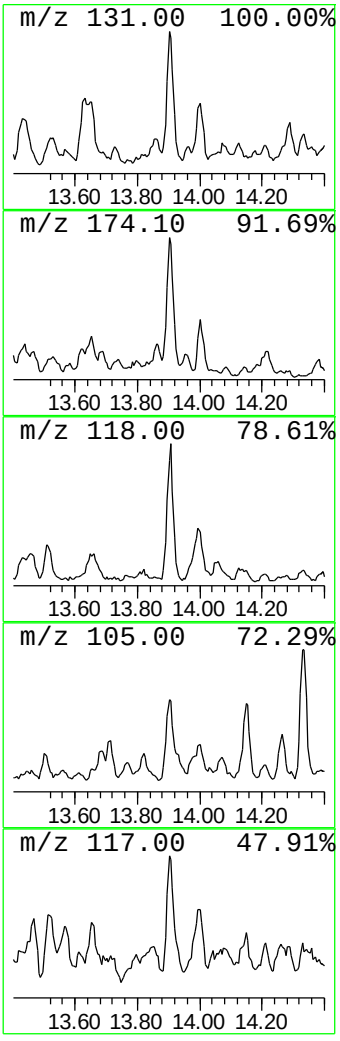
****

Peak Number 47 Benzene, 1-cyclohexyl-3-met... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.90	9.27 ng/ul	478795	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-cyclohexyl-3-methyl-	174	C13H18	004575-46-6	86
2	1-Methyl-2-cyclohexylbenzene	174	C13H18	004501-35-3	76
3	(1,4-Dimethylpent-2-enyl)benzene	174	C13H18	1000184-97-9	64
4	1H-1,3,2-Benzodiazaborole, 2-but...	174	C10H15BN2	031748-14-8	46
5	2-Naphthalenol, 3-methoxy-	174	C11H10O2	018515-11-2	46





Library Search Compound Report

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Data File : BG018827.D
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Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

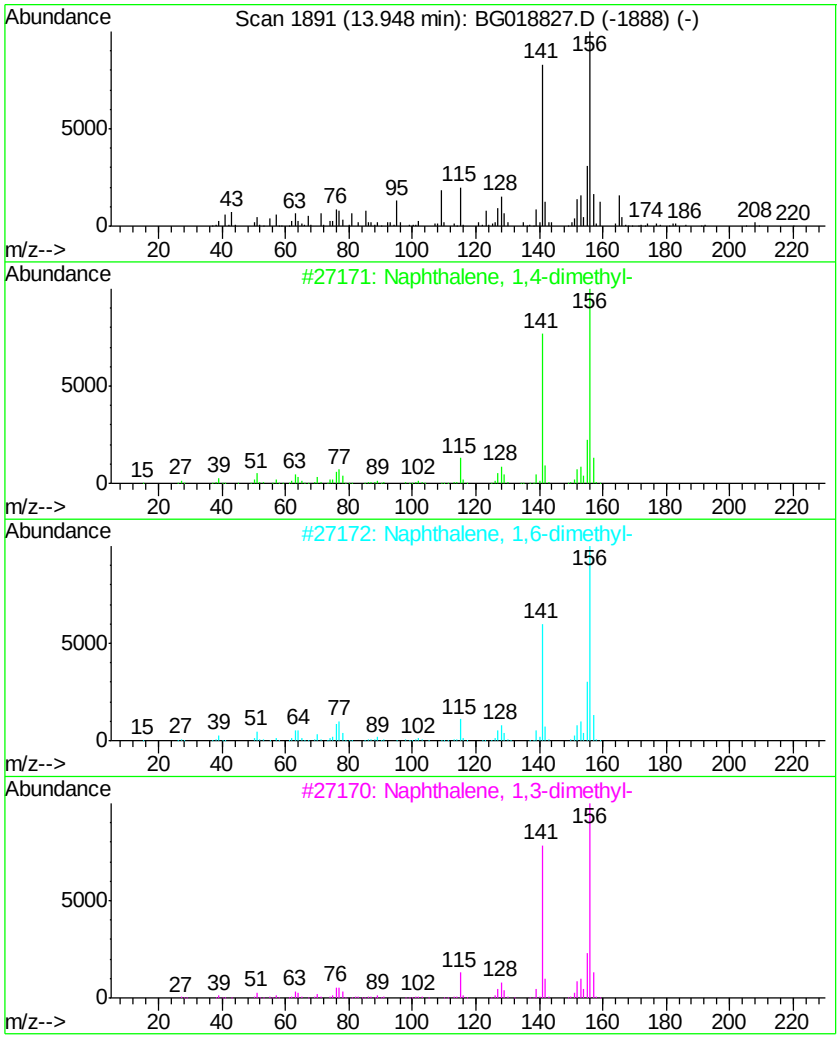
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

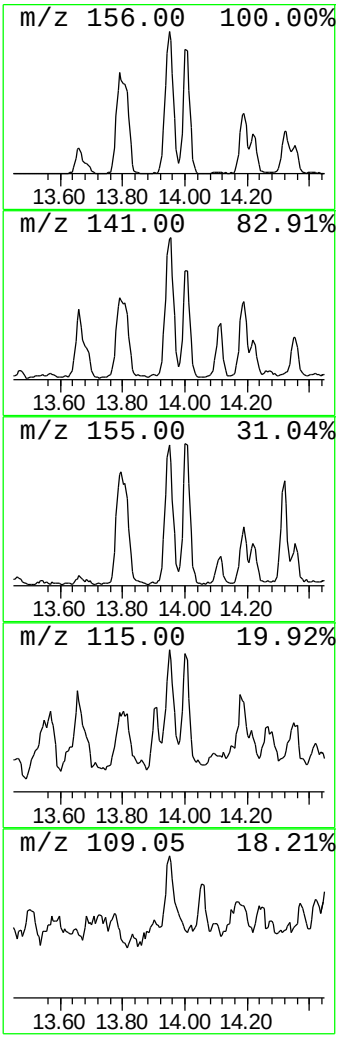
****

Peak Number 48 Naphthalene, 1,4-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.95	13.07 ng/ul	675527	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





Library Search Compound Report

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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

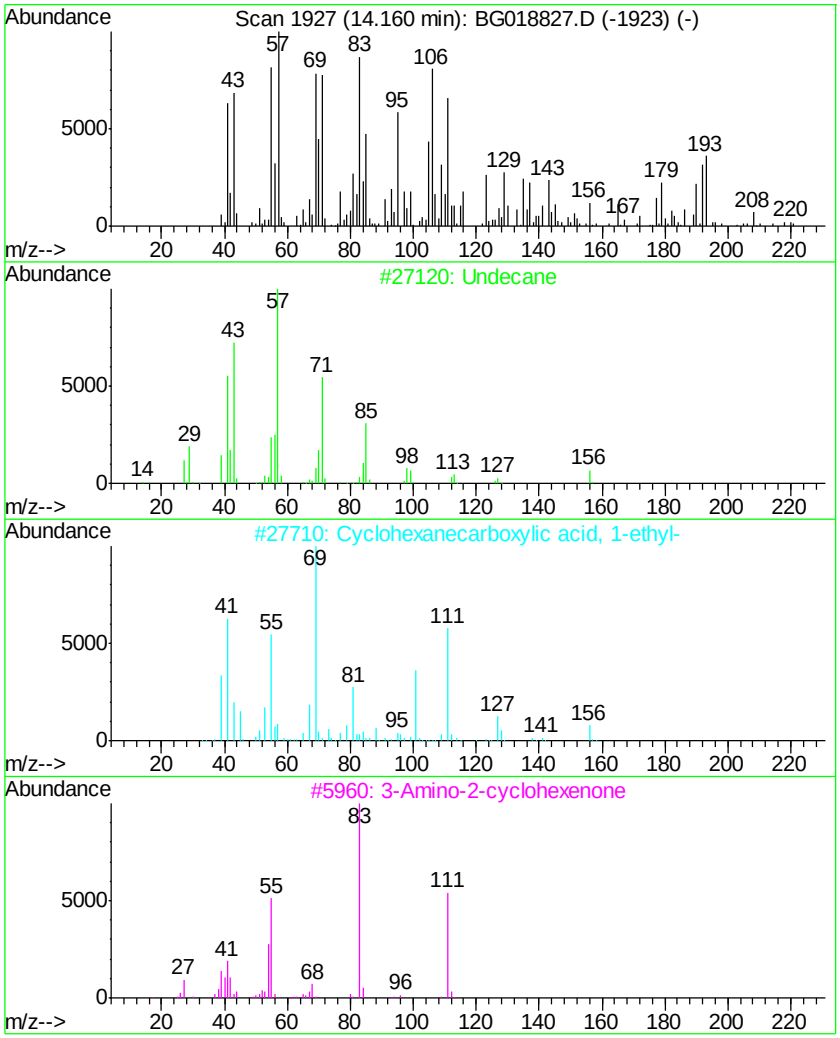
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

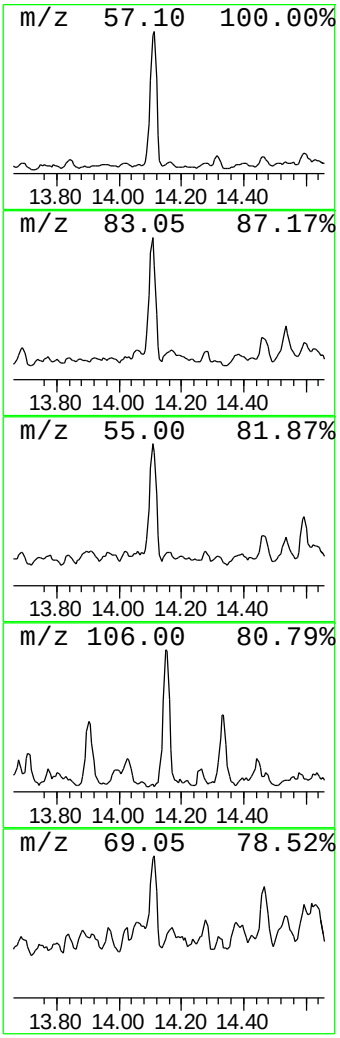
****

Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.16	12.28 ng/ul	634584	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	25
2	Cyclohexanecarboxylic acid, 1-et...	156	C9H16O2	001124-98-7	11
3	3-Amino-2-cyclohexenone	111	C6H9NO	005220-49-5	11
4	Tetratetracontane	619	C44H90	007098-22-8	11
5	Propionic acid, 3-mercapto-, iso...	218	C11H22O2S	077916-53-1	11





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Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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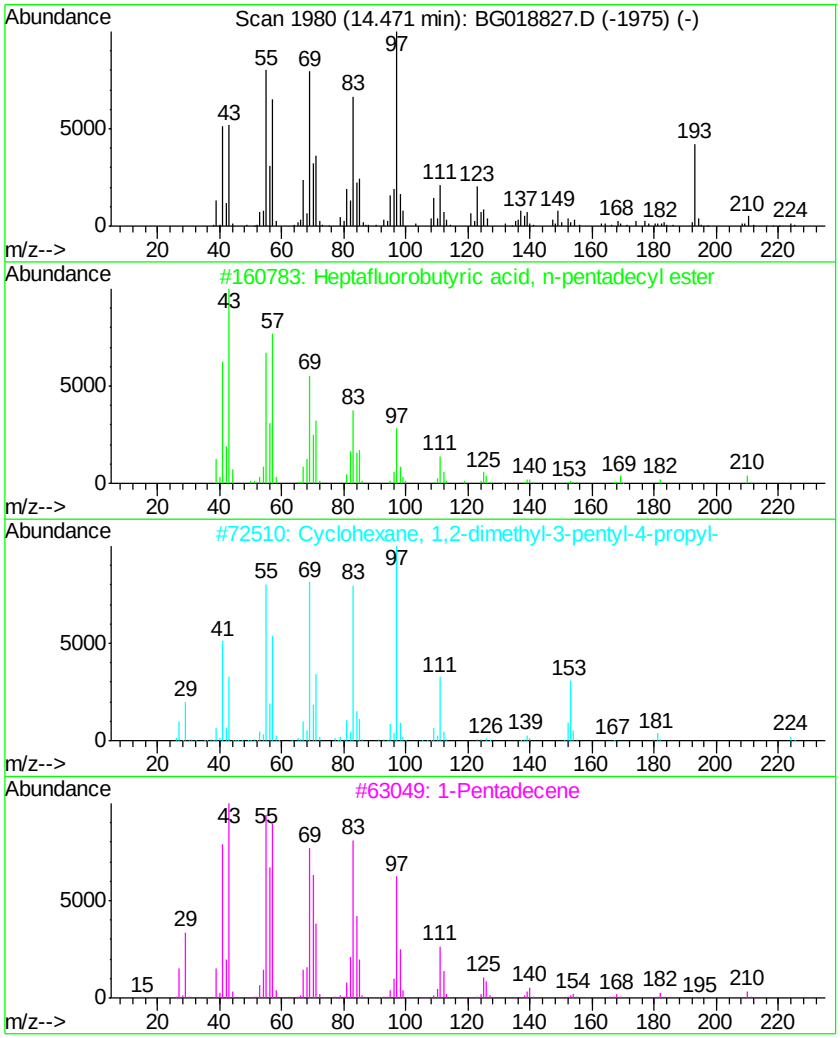
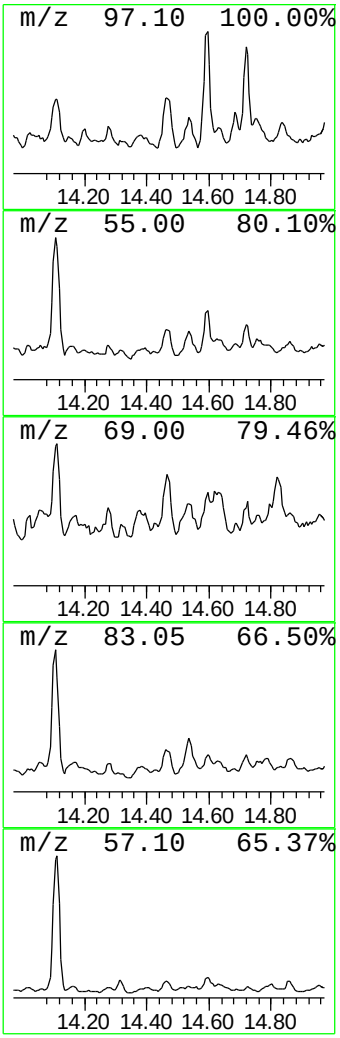
Peak Number 50 unknown-11 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.47	16.40 ng/ul	847547	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-penta...	424	C19H31F7O2	1000216-79-3	45
2	Cyclohexane, 1,2-dimethyl-3-pent...	224	C16H32	062376-17-4	43
3	1-Pentadecene	210	C15H30	013360-61-7	25
4	3,5,9-Undecatrien-2-one, 6,10-di...	192	C13H20O	003548-78-5	25
5	13-Tetradecen-1-ol acetate	254	C16H30O2	056221-91-1	22





Library Search Compound Report

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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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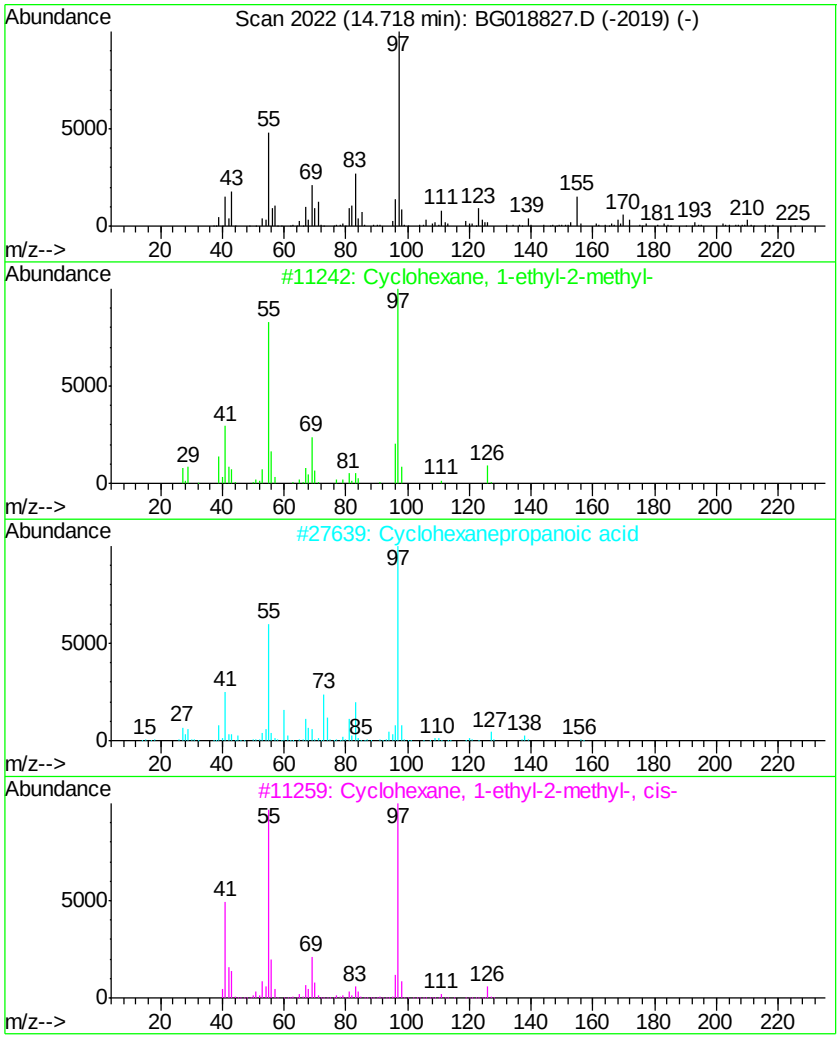
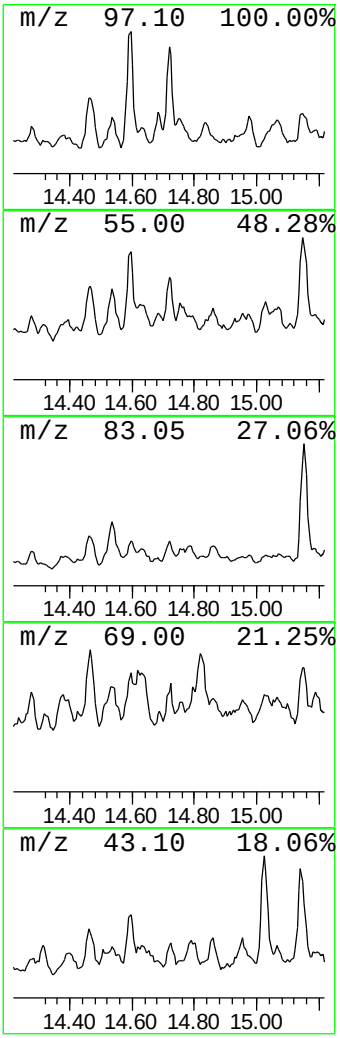
Peak Number 51 (DEL) Alkane: Cyclic14.72 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.72	5.85 ng/ul	302071	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, 1-ethyl-2-methyl-	126	C9H18	003728-54-9	58
2	Cyclohexanepropanoic acid	156	C9H16O2	000701-97-3	52
3	Cyclohexane, 1-ethyl-2-methyl-, ...	126	C9H18	004923-77-7	50
4	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	50
5	Cyclohexane, (bromomethyl)-	176	C7H13Br	002550-36-9	50





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Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
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Sample : G3758-15
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ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

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Quant Title : SVOA CALIBRATION

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

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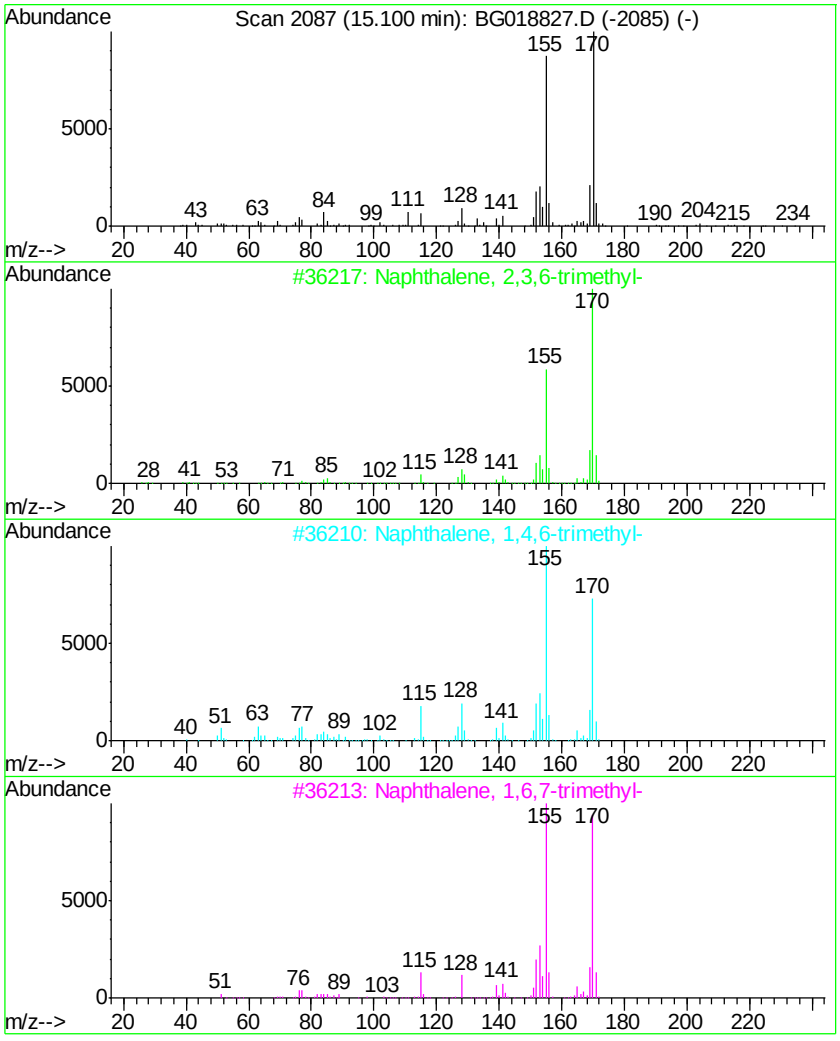
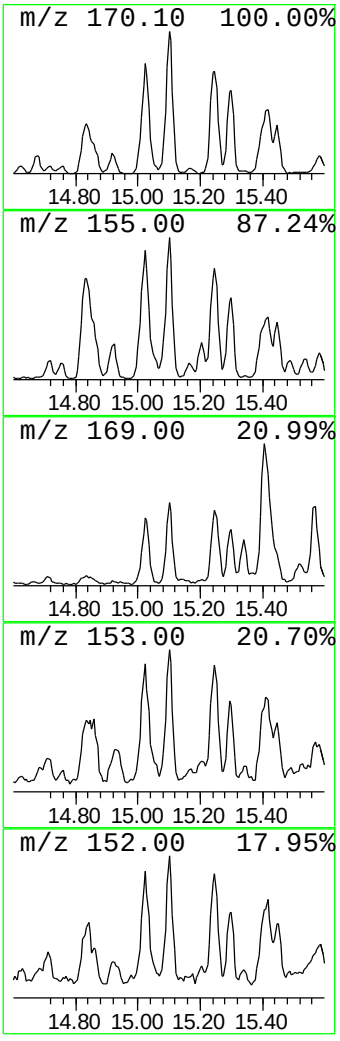
Peak Number 52 Naphthalene, 2,3,6-trimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.10	8.14 ng/ul	420390	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	97
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	96
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	95
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

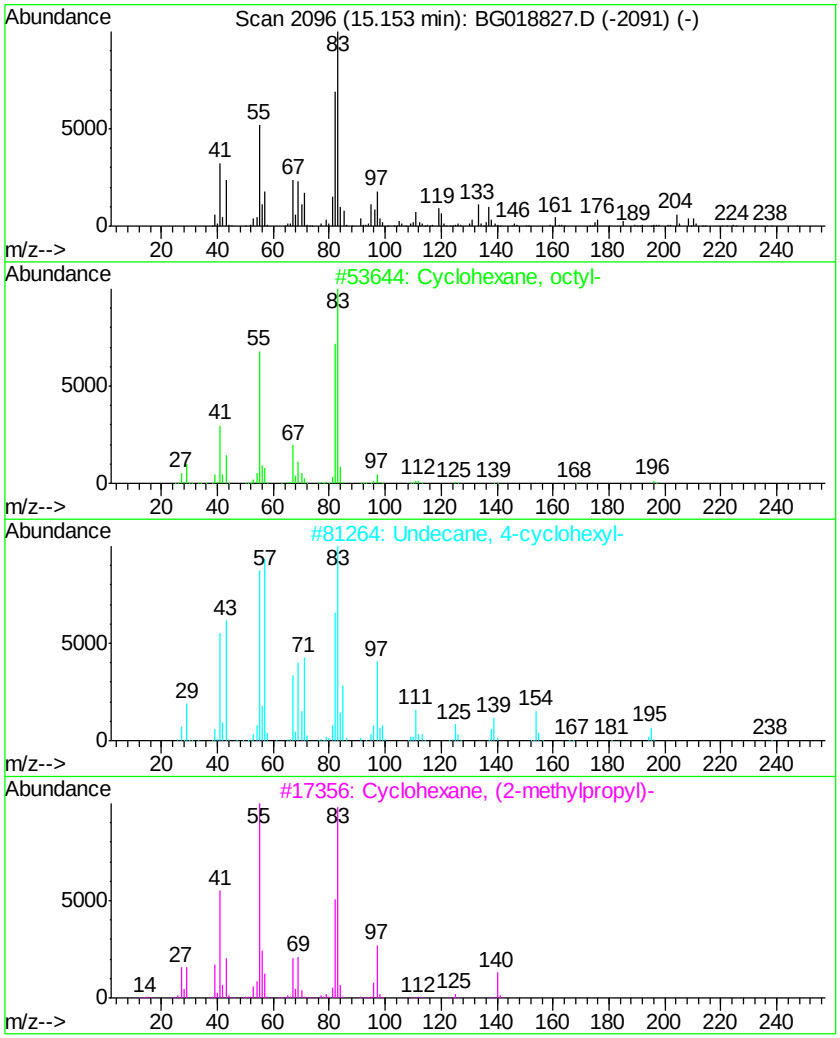
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

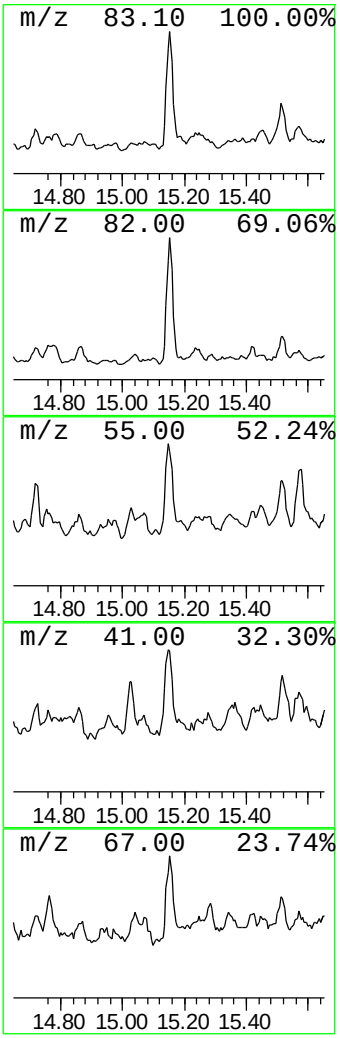
****

Peak Number 53 (DEL) Alkane: Cyclic15.15 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	27.12 ng/ul	1401210	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, octyl-	196	C14H28	001795-15-9	60
2	Undecane, 4-cyclohexyl-	238	C17H34	013151-79-6	53
3	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	49
4	Cyclohexane, 1,1'-(1,4-butanediy...	222	C16H30	006165-44-2	49
5	Cyclohexane, (2-methylpropyl)-	140	C10H20	001678-98-4	47





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

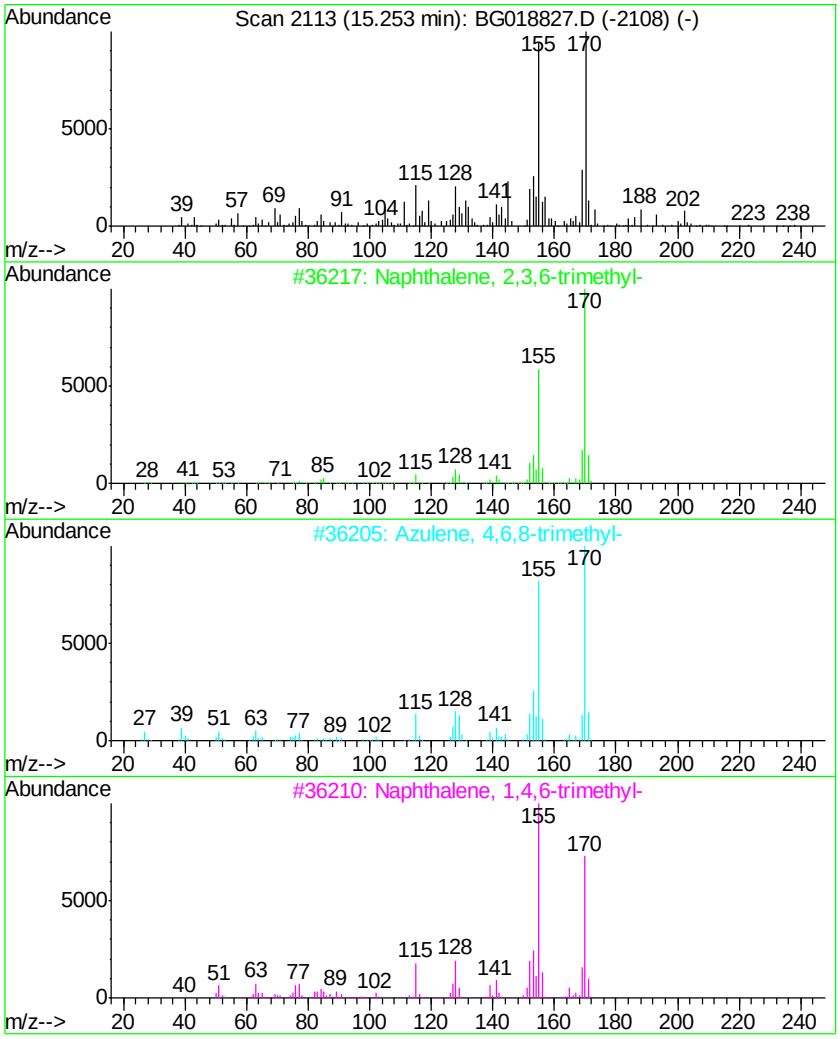
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

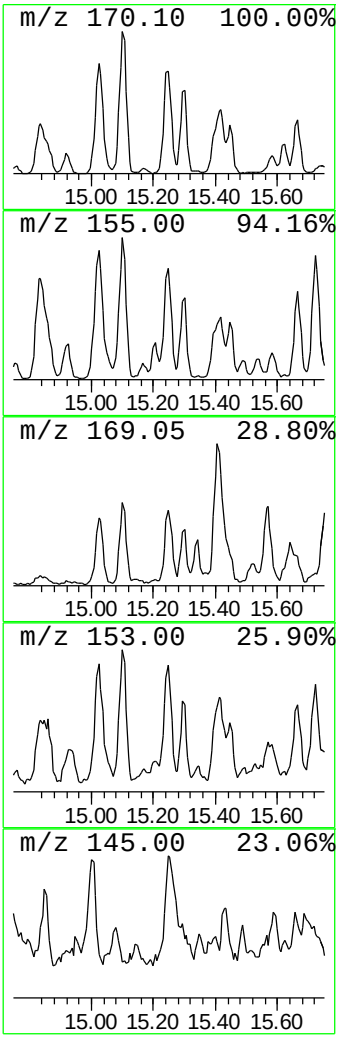
****

Peak Number 54 Azulene, 4,6,8-trimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	17.05 ng/ul	881023	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	94
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
5	Azulene, 4,6,8-trimethyl-	170	C13H14	000941-81-1	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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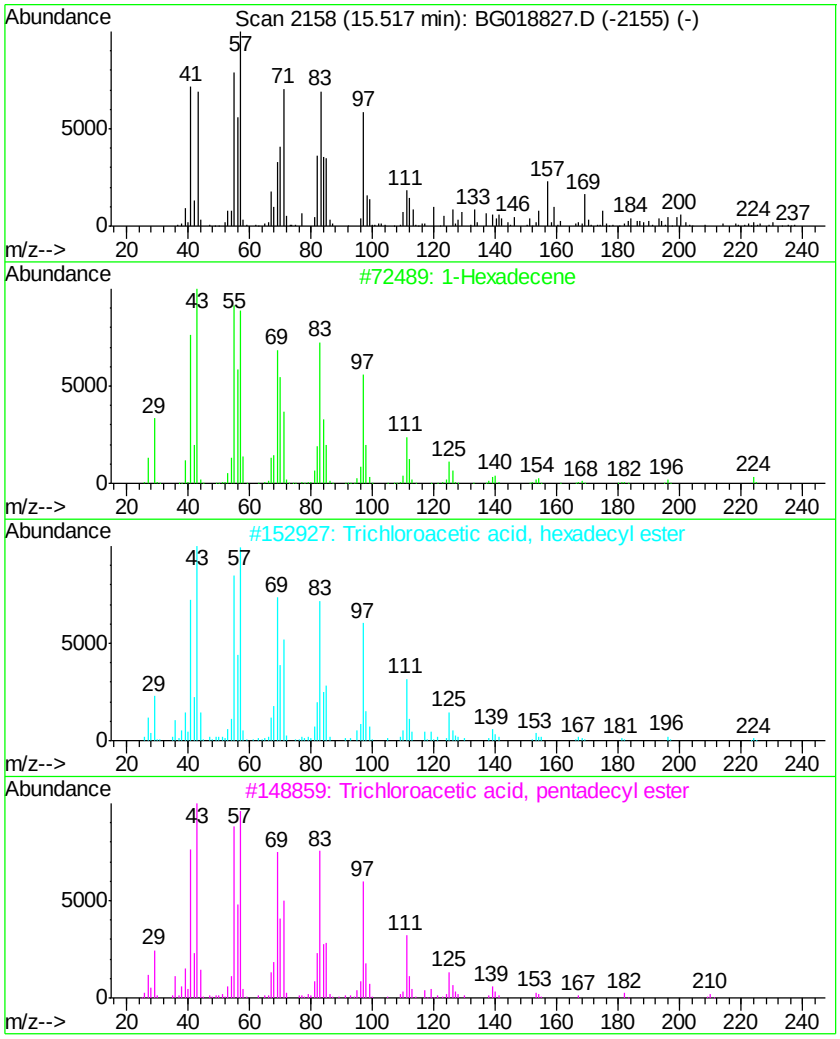
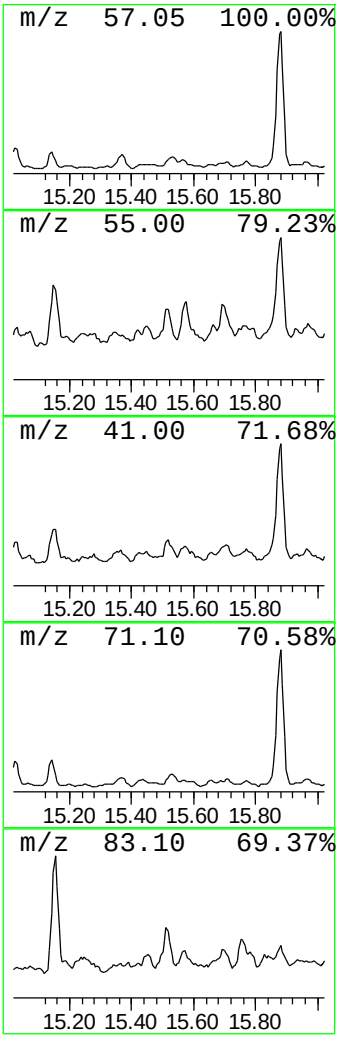
Peak Number 56 (DEL) Alkane: Cyclic15.52 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.52	8.41 ng/ul	434526	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	93
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	83
4	Dichloroacetic acid, 4-tridecyl ...	310	C15H28Cl2O2	1000280-64-3	72
5	1-Dodecene	168	C12H24	000112-41-4	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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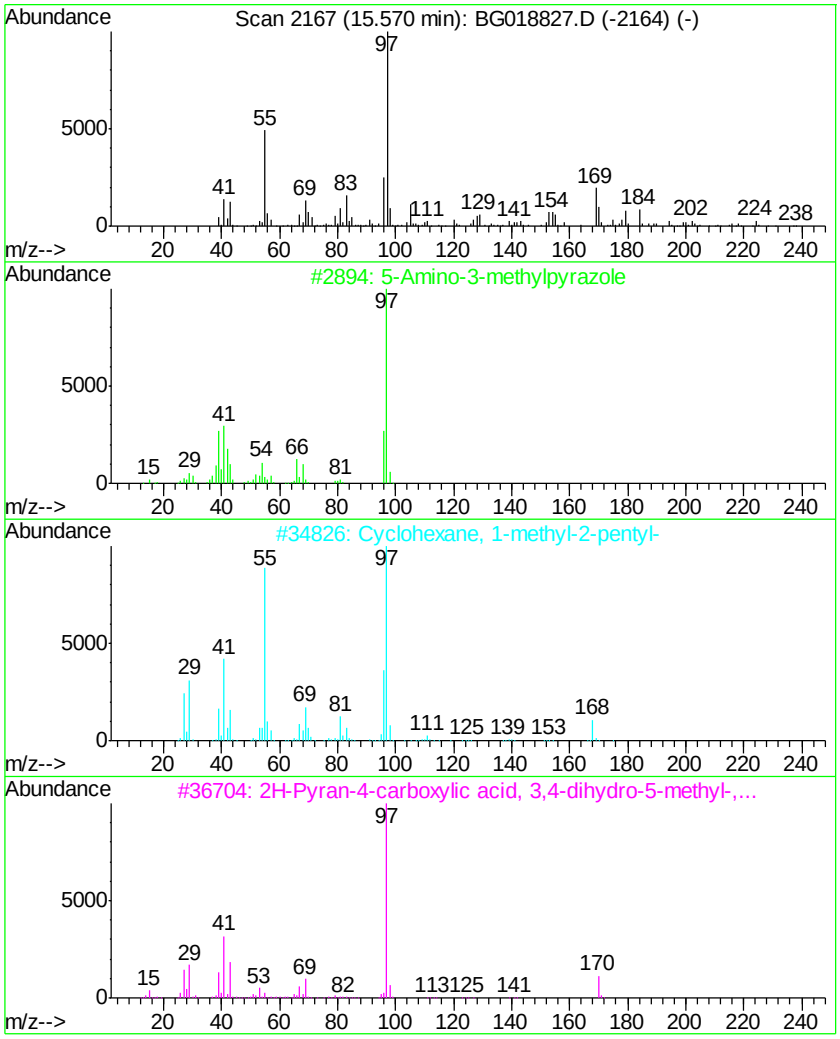
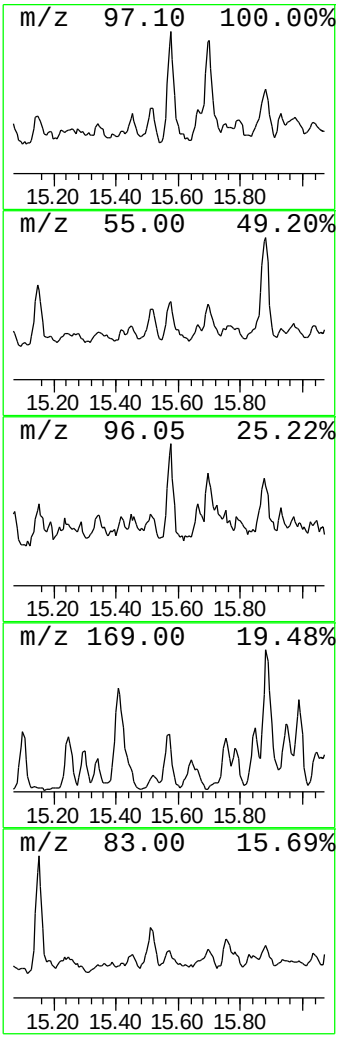
Peak Number 57 5-Amino-3-methylpyrazole Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.57	12.29 ng/ul	634868	Acenaphthene-d10	14.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Amino-3-methylpyrazole	97	C4H7N3	031230-17-8	58
2	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	53
3	2H-Pyran-4-carboxylic acid, 3,4-...	170	C9H14O3	038858-64-9	50
4	2,2,3,3-Tetramethylcyclopropanec...	238	C15H26O2	1000221-97-5	49
5	Cyclohexane, 1-methyl-2-pentyl-	168	C12H24	054411-01-7	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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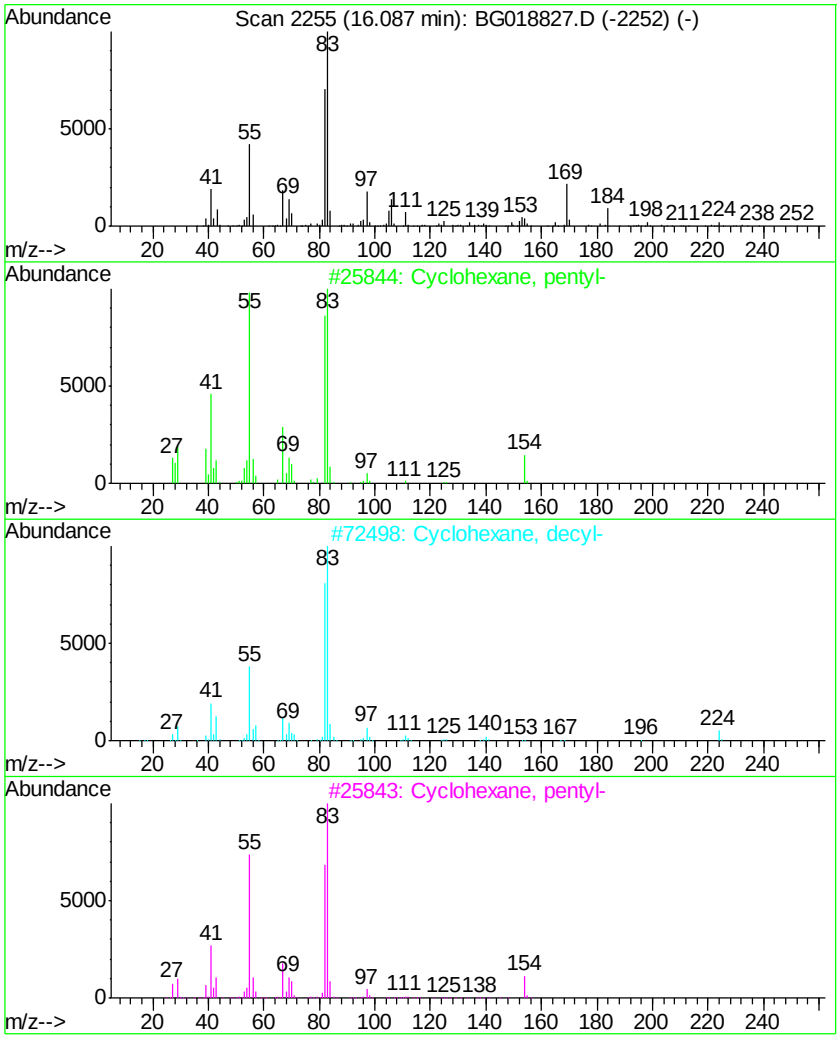
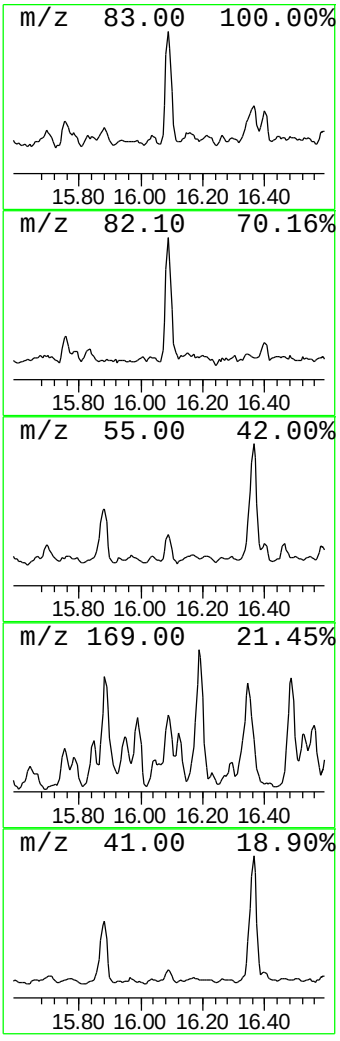
Peak Number 58 (DEL) Alkane: Cyclic16.09 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.09	10.26 ng/ul	630965	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
2	Cyclohexane, decyl-	224	C16H32	001795-16-0	58
3	Cyclohexane, pentyl-	154	C11H22	004292-92-6	58
4	Cyclohexane, pentyl-	154	C11H22	004292-92-6	53
5	Cyclohexane, decyl-	224	C16H32	001795-16-0	52





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

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

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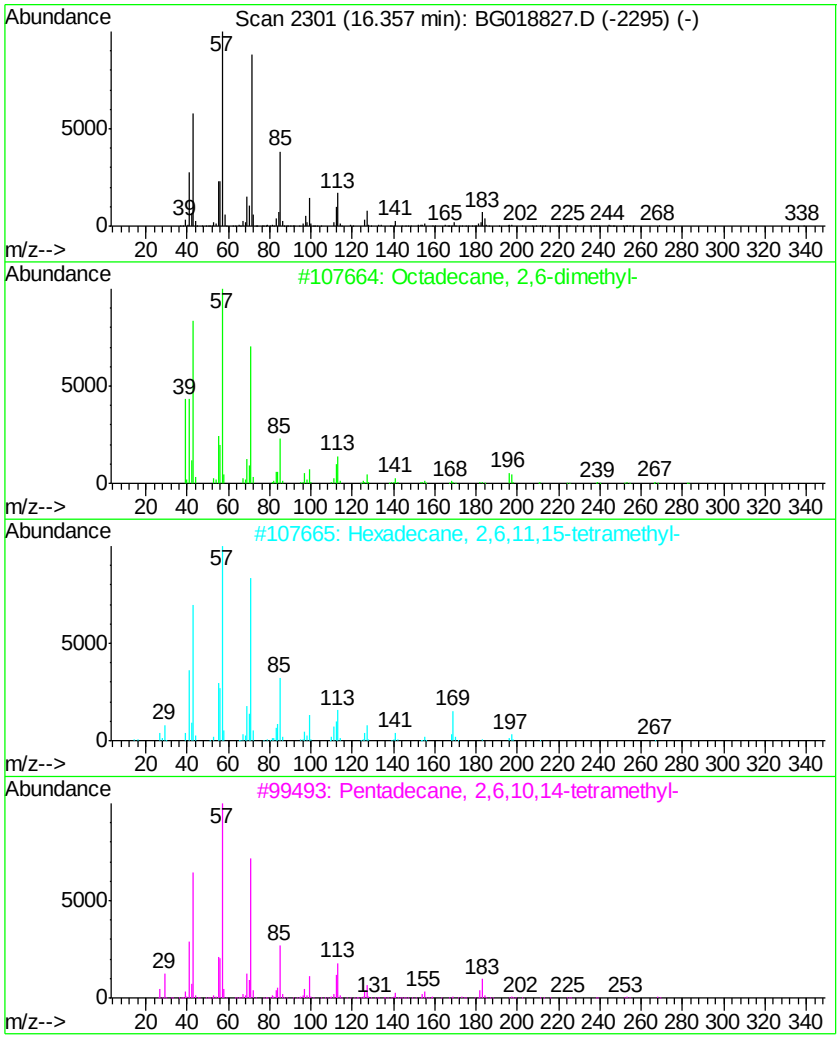
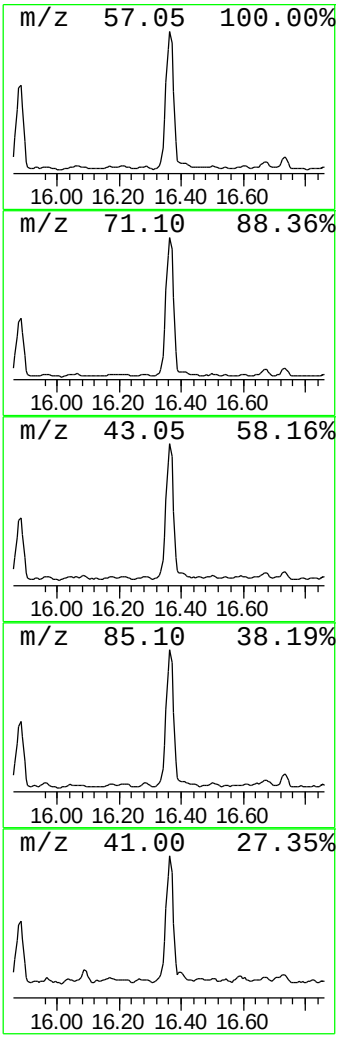
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.36	136.90 ng/ul	8419060	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 2,6-dimethyl-	282	C20H42	075163-97-2	80
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	80
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	72
4	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	64
5	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

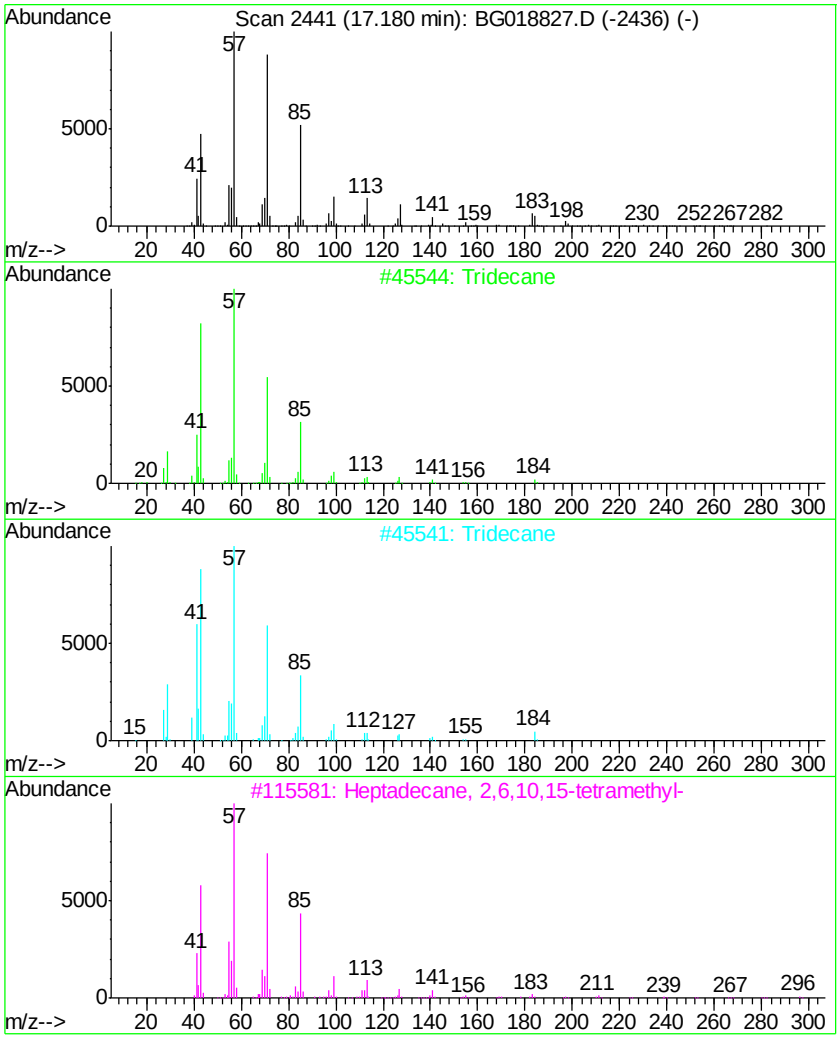
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

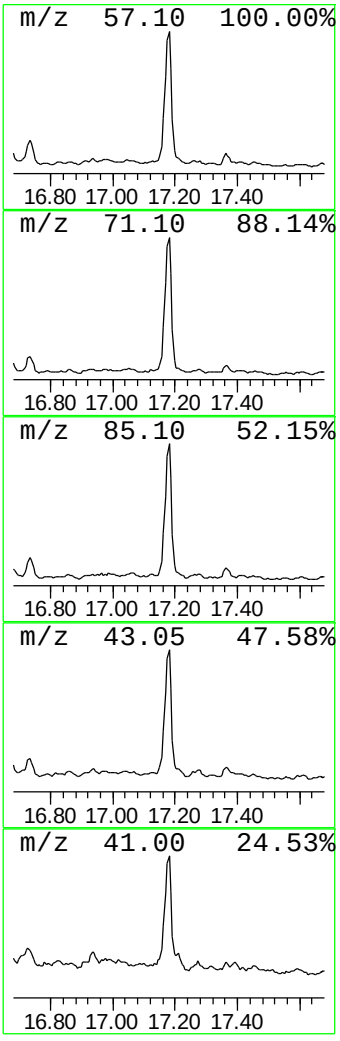
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	49.26 ng/ul	3029790	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Tridecane	184	C13H28	000629-50-5	86
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	86
4	Tetracosane	338	C24H50	000646-31-1	86
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	83





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.M
Quant Title : SVOA CALIBRATION

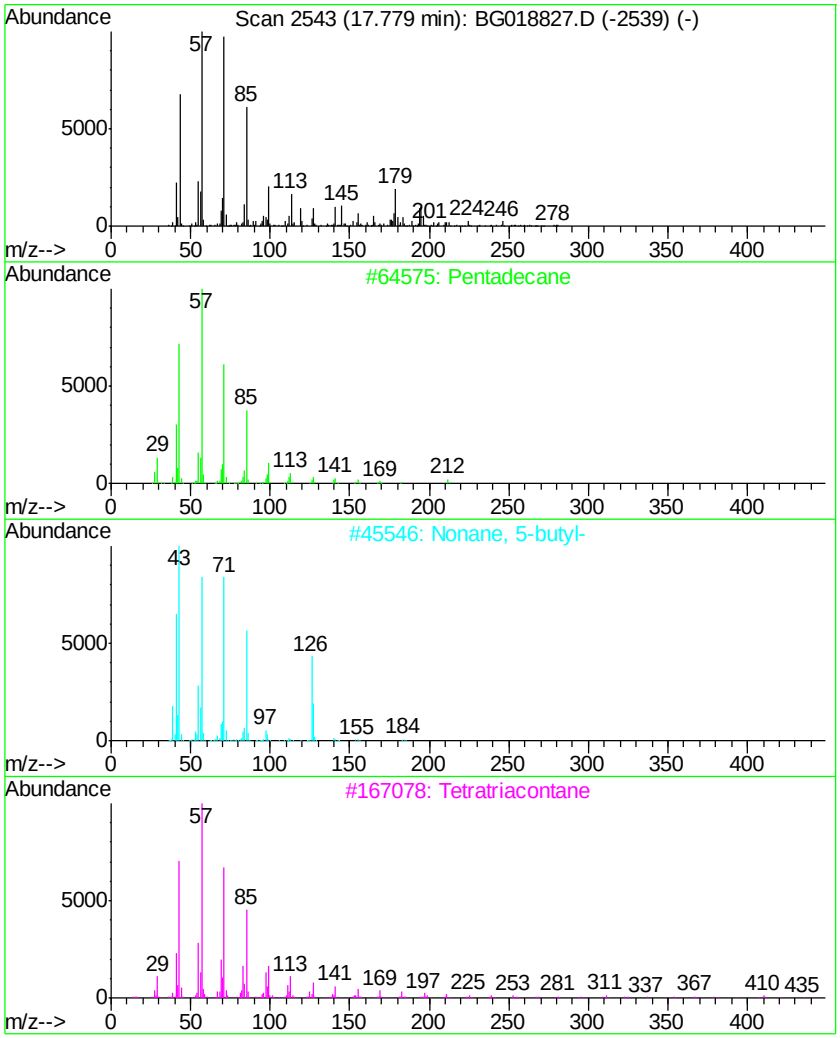
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

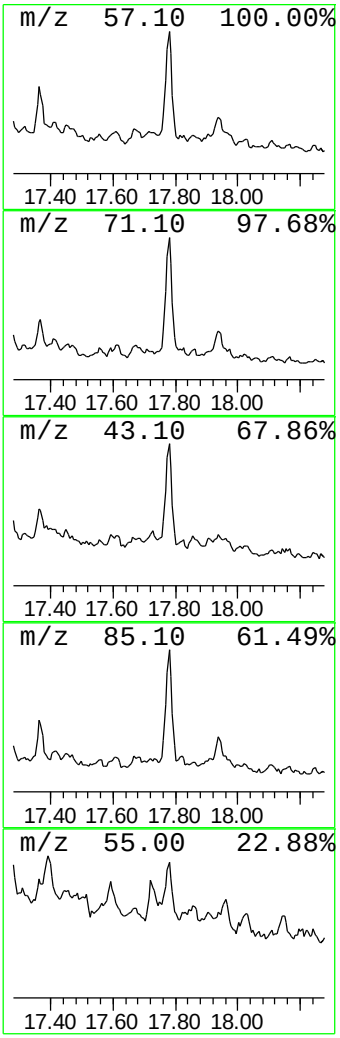
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.78	13.07 ng/ul	803869	Phenanthrene-d10	17.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	76
2	Nonane, 5-butyl-	184	C13H28	017312-63-9	70
3	Tetratriacontane	479	C34H70	014167-59-0	64
4	Hexacosane	366	C26H54	000630-01-3	64
5	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG092215\
Data File : BG018827.D
Acq On : 22 Sep 2015 21:51
Operator : UM/NP
Sample : G3758-15
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHAB6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG091015.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...	3.18	11.9	ng/ul	837369	1	8.00	1408610	20.0
(DEL) Alkane: Cyc...	7.71	3.6	ng/ul	253272	1	8.00	1408610	20.0
(DEL) Alkane: Str...	8.07	4.1	ng/ul	291018	1	8.00	1408610	20.0
Cyclopentanone, 3...	8.18	4.1	ng/ul	290890	1	8.00	1408610	20.0
(DEL) Alkane: Cyc...	8.28	8.9	ng/ul	626843	1	8.00	1408610	20.0
2,4-Dimethyl-1,5-...	8.35	3.7	ng/ul	258432	1	8.00	1408610	20.0
1-Hexadecene, 16-...	8.44	4.0	ng/ul	278601	1	8.00	1408610	20.0
(DEL) Alkane: Str...	8.53	8.8	ng/ul	619047	1	8.00	1408610	20.0
(DEL) Alkane: Str...	8.58	3.9	ng/ul	273951	1	8.00	1408610	20.0
unknown-01	9.00	6.3	ng/ul	440610	1	8.00	1408610	20.0
(DEL) Alkane: Cyc...	9.08	5.0	ng/ul	348477	1	8.00	1408610	20.0
unknown-02	9.32	7.5	ng/ul	525123	1	8.00	1408610	20.0
(DEL) Alkane: Cyc...	9.35	8.4	ng/ul	588620	1	8.00	1408610	20.0
(DEL) Alkane: Str...	9.48	4.9	ng/ul	619312	2	10.81	2538940	20.0
(DEL) Alkane: Str...	9.58	2.5	ng/ul	313637	2	10.81	2538940	20.0
(DEL) Alkane: Cyc...	9.64	3.2	ng/ul	400626	2	10.81	2538940	20.0
(DEL) Alkane: Str...	10.15	6.3	ng/ul	795369	2	10.81	2538940	20.0
(DEL) Alkane: Str...	10.33	4.5	ng/ul	575163	2	10.81	2538940	20.0
unknown-03	10.51	2.7	ng/ul	342428	2	10.81	2538940	20.0
Cyclodecene, 1-me...	10.59	2.8	ng/ul	348732	2	10.81	2538940	20.0
(DEL) Alkane: Cyc...	10.66	2.7	ng/ul	344551	2	10.81	2538940	20.0
Cyclopentane, 1,1...	10.70	5.4	ng/ul	681485	2	10.81	2538940	20.0
(DEL) Alkane: Cyc...	10.88	3.8	ng/ul	475797	2	10.81	2538940	20.0
(DEL) Alkane: Cyc...	11.02	4.7	ng/ul	596036	2	10.81	2538940	20.0
Naphthalene, deca...	11.09	2.4	ng/ul	310312	2	10.81	2538940	20.0
unknown-04	11.22	2.1	ng/ul	273276	2	10.81	2538940	20.0
(DEL) Alkane: Cyc...	11.30	3.3	ng/ul	418318	2	10.81	2538940	20.0
trans,trans-1,8-D...	11.47	3.8	ng/ul	481171	2	10.81	2538940	20.0
(DEL) Alkane: Cyc...	11.50	16.0	ng/ul	2027890	2	10.81	2538940	20.0
(DEL) Alkane: Str...	11.56	2.6	ng/ul	330611	2	10.81	2538940	20.0
(DEL) Alkane: Str...	11.63	8.2	ng/ul	1043670	2	10.81	2538940	20.0
unknown-05	11.70	5.8	ng/ul	734827	2	10.81	2538940	20.0
(DEL) Alkane: Str...	11.83	18.0	ng/ul	2279940	2	10.81	2538940	20.0
unknown-06	11.99	4.0	ng/ul	501176	2	10.81	2538940	20.0
(DEL) Alkane: Cyc...	12.09	2.2	ng/ul	284515	2	10.81	2538940	20.0
4-Butyl-cyclohexa...	12.15	3.3	ng/ul	416234	2	10.81	2538940	20.0
(DEL) Alkane: Cyc...	12.20	3.3	ng/ul	422455	2	10.81	2538940	20.0
unknown-07	12.24	2.9	ng/ul	367828	2	10.81	2538940	20.0
unknown-08	12.84	15.3	ng/ul	787806	3	14.63	1033390	20.0
(DEL) Alkane: Cyc...	12.91	28.5	ng/ul	1472620	3	14.63	1033390	20.0
unknown-09	12.98	5.7	ng/ul	293370	3	14.63	1033390	20.0
(DEL) Alkane: Str...	13.17	53.0	ng/ul	2736260	3	14.63	1033390	20.0
unknown-10	13.22	6.9	ng/ul	356049	3	14.63	1033390	20.0
(DEL) Alkane: Cyc...	13.68	8.2	ng/ul	424506	3	14.63	1033390	20.0
Benzene, 1-cycloh...	13.90	9.3	ng/ul	478795	3	14.63	1033390	20.0
Naphthalene, 1,4-...	13.95	13.1	ng/ul	675527	3	14.63	1033390	20.0
(DEL) Alkane: Str...	14.16	12.3	ng/ul	634584	3	14.63	1033390	20.0
unknown-11	14.47	16.4	ng/ul	847547	3	14.63	1033390	20.0
(DEL) Alkane: Cyc...	14.72	5.8	ng/ul	302071	3	14.63	1033390	20.0

Naphthalene, 2,3,...	15.10	8.1	ng/ul	420390	3	14.63	1033390	20.0
(DEL) Alkane: Cyc...	15.15	27.1	ng/ul	1401210	3	14.63	1033390	20.0
Azulene, 4,6,8-tr...	15.25	17.1	ng/ul	881023	3	14.63	1033390	20.0
(DEL) Alkane: Cyc...	15.52	8.4	ng/ul	434526	3	14.63	1033390	20.0
5-Amino-3-methylp...	15.57	12.3	ng/ul	634868	3	14.63	1033390	20.0
(DEL) Alkane: Cyc...	16.09	10.3	ng/ul	630965	4	17.37	1230000	20.0
(DEL) Alkane: Str...	16.36	136.9	ng/ul	8419060	4	17.37	1230000	20.0
(DEL) Alkane: Str...	17.18	49.3	ng/ul	3029790	4	17.37	1230000	20.0
(DEL) Alkane: Str...	17.78	13.1	ng/ul	803869	4	17.37	1230000	20.0

Instrument :
BNA_G
ClientSampleId :
JHAB6