LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.840	504	511	524	rBV2	558713	1372161	7.13%	0.337%
2	7.867	851	856	866	rVV	622855	1088785	5.66%	0.268%
3	8.238	911	919	928	rVB3	671004	1303176	6.77%	0.320%
4	9.330	1095	1105	1115	rVV4	435710	1332763	6.93%	0.328%
5	9.430	1115	1122	1129	rVV3	758571	1374076	7.14%	0.338%
6	9.671	1156	1163	1166	rVV2	589796	1078621	5.60%	0.265%
7	9.718	1166	1171	1177	rVV2	541151	1277542	6.64%	0.314%
8	9.789	1177	1183	1192	rVV	1009576	1866818	9.70%	0.459%
9	10.870	1361	1367	1373	rBV3	472526	1097373	5.70%	0.270%
10	10.987	1380	1387	1392	rBV	1102989	1841034	9.57%	0.453%
11	11.064	1394	1400	1405	rBV	788972	1452507	7.55%	0.357%
12	11.299	1435	1440	1454	rVB2	949573	2899565	15.07%	0.713%
13	11.422	1454	1461	1465	rBV	1136902	2387270	12.40%	0.587%
14	11.469	1465	1469	1476	rVV	1963770	3435808	17.85%	0.845%
15	12.092	1567	1575	1583	rBV4	602968	1893577	9.84%	0.466%
16	12.321	1604	1614	1617	rVV6	447279	1020837	5.30%	0.251%
17	12.421	1626	1631	1638	rVV2	2295555	3710543	19.28%	0.912%
18	12.703	1674	1679	1683	rVV	1110410	1873512	9.73%	0.461%
19	12.744	1683	1686	1690	rVV	1536478	2555240	13.28%	0.628%
20	12.779	1690	1692	1697	rVV	718017	1228384	6.38%	0.302%
21	12.832	1697	1701	1704	rVV3	783773	1587375	8.25%	0.390%
22	12.867	1704	1707	1711	rVB	934875	1416357	7.36%	0.348%
23	12.926	1712	1717	1724	rVB	1163343	2052455	10.66%	0.505%
24	13.014	1725	1732	1735	rBV3	717064	1391786	7.23%	0.342%
25	13.091	1741	1745	1760	rVB8	921532	2385302	12.39%	0.586%
26	13.273	1770	1776	1785	rBV6	749967	1950744	10.14%	0.480%
27	13.355	1785	1790	1793	rVV3	749535	1364889	7.09%	0.336%
28	13.396	1793	1797	1803	rVB2	732030	1385302	7.20%	0.341%
29	13.555	1816	1824	1833	rBV4	936428	2620116	13.61%	0.644%
30	13.643	1833	1839	1844	rVB	4313022	6510087	33.83%	1.601%
31	13.807	1861	1867	1877	rBV3	662570	2207175	11.47%	0.543%
32	13.913	1877	1885	1889	rBV3	543639	1328143	6.90%	0.327%
33	14.013	1897	1902	1905	rBV5	621614	1269663	6.60%	0.312%
34	14.042	1905	1907	1919	rVB8	766213	1418316	7.37%	0.349%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	14.178	1919	1930	1936	rBV4	1527234	4034692	20.96%	0.992%
36	14.236	1936	1940	1944	rBV3	1459467	2098438	10.90%	0.516%
37	14.295	1945	1950	1957	rVB7	1130646	2153209	11.19%	0.529%
38	14.542	1988	1992	1995	rBV	934574	1400763	7.28%	0.344%
39	14.577	1995	1998	2002	rVB3	687545	1007444	5.23%	0.248%
40	14.636	2003	2008	2013	rBV3	1246436	2243711	11.66%	0.552%
41	14.712	2016	2021	2026	rVB	7917760	10447518	54.29%	2.569%
42	14.818	2035	2039	2044	rBV	3295536	5322477	27.66%	1.309%
43	14.865	2044	2047	2050	rVV2	1466151	2441385	12.69%	0.600%
44	14.900	2050	2053	2059	rVB	2642328	3775272	19.62%	0.928%
45	15.153	2090	2096	2102	rVV2	1594269	2839391	14.75%	0.698%
46	15.247	2105	2112	2115	rBV6	594113	1369928	7.12%	0.337%
47	15.323	2121	2125	2137	rVB8	584376	2217820	11.52%	0.545%
48	15.470	2145	2150	2154	rBV3	986781	1875279	9.74%	0.461%
49	15.523	2154	2159	2167	rVV3	1839005	5396688	28.04%	1.327%
50	15.594	2167	2171	2177	rVV2	2295246	5713171	29.69%	1.405%
51	15.658	2177	2182	2192	rVB	10452896	16793304	87.26%	4.129%
52	15.805	2203	2207	2211	rVB3	932577	1306760	6.79%	0.321%
53	15.887	2217	2221	2232	rVB4	1315735	3204847	16.65%	0.788%
54	16.058	2243	2250	2254	rBV2	1007037	1733688	9.01%	0.426%
55	16.163	2263	2268	2271	rBV4	494602	1028260	5.34%	0.253%
56	16.269	2282	2286	2295	rVB5	865641	1819538	9.45%	0.447%
57	16.352	2295	2300	2303	rBV5	676610	1235430	6.42%	0.304%
58	16.399	2303	2308	2311	rVV4	1222756	2066850	10.74%	0.508%
59	16.457	2311	2318	2323	rVB3	3035112	6448444	33.51%	1.585%
60	16.516	2323	2328	2332	rBV	11816012	17688616	91.91%	4.349%
61	16.551	2332	2334	2339	rVB2	3950178	5107156	26.54%	1.256%
62	16.598	2340	2342	2348	rVB	704489	1087468	5.65%	0.267%
63	16.669	2348	2354	2358	rBV2	780176	1567180	8.14%	0.385%
64	16.733	2359	2365	2375	rVB2	5902056	8977791	46.65%	2.207%
65	16.822	2375	2380	2387	rVB	4468292	5886702	30.59%	1.447%
66	17.133	2429	2433	2438	rVB2	771641	1100748	5.72%	0.271%
67	17.256	2439	2454	2458	rVV3	2737399	6761472	35.13%	1.662%
68	17.309	2458	2463	2473	rVB	11252726	17634922	91.63%	4.336%
69	17.444	2481	2486	2492	rVB3	687460	1113382	5.79%	0.274%
70	17.609	2508	2514	2526	rVB2	1931411	3779322	19.64%	0.929%
71	17.773	2538	2542	2549	rBV8	565033	1184480	6.15%	0.291%

LSC Area Percent Report

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Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	18.003	2575	2581	2584	rBV2	1768480	2692262	13.99%	0.662%
73	18.044	2584	2588	2601	rVB	10435178	16366293	85.04%	4.024%
74	18.690	2693	2698	2701	rBV	2144230	2788482	14.49%	0.686%
75	18.731	2701	2705	2721	rVB	10313134	15100046	78.46%	3.712%
76	18.854	2722	2726	2733	rVB6	545673	999749	5.19%	0.246%
77	19.319	2798	2805	2807	rBV	1847898	2936895	15.26%	0.722%
78	19.354	2807	2811	2818	rVB	9506873	12937027	67.22%	3.181%
79	19.847	2886	2895	2898	rBV	5260728	7801268	40.54%	1.918%
80	19.894	2898	2903	2905	rVV	4123593	6501191	33.78%	1.598%
81	19.924	2905	2908	2920	rVB	9376947	12947778	67.28%	3.183%
82	20.447	2979	2997	3005	rVB2	10029878	19245413	100.00%	4.732%
83	20.564	3012	3017	3024	rVB6	1023785	1878703	9.76%	0.462%
84	20.882	3066	3071	3074	rBV	3825625	5083126	26.41%	1.250%
85	20.946	3074	3082	3093	rVB2	6924536	18084767	93.97%	4.446%
86	21.463	3161	3170	3184	rVB	4431707	8417348	43.74%	2.069%
87	21.898	3238	3244	3251	rVB	2099960	3793899	19.71%	0.933%
88	22.027	3258	3266	3279	rVB2	1922926	5522256	28.69%	1.358%
89	22.662	3369	3374	3377	rBV	696741	1172252	6.09%	0.288%
90	22.879	3406	3411	3424	rVB3	924588	2096797	10.90%	0.516%
91	23.355	3486	3492	3505	rVB3	815120	2645252	13.74%	0.650%
92	25.335	3820	3829	3844	rVB3	1331337	4549043	23.64%	1.118%
93	25.929	3921	3930	3939	rVB2	1376871	3828246	19.89%	0.941%
94	26.375	3997	4006	4020	rBV7	964961	3449640	17.92%	0.848%
95	26.575	4030	4040	4049	rVB6	1529822	4888288	25.40%	1.202%
96	26.810	4074	4080	4090	rVB3	497438	1398462	7.27%	0.344%
97	27.004	4105	4113	4123	rVB6	538988	2023873	10.52%	0.498%
98	27.198	4129	4146	4160	rVB6	1311588	6825659	35.47%	1.678%
99	28.925	4432	4440	4459	rVB5	509198	2294738	11.92%	0.564%
100	30.923	4770	4780	4793	rVB5	365771	1639626	8.52%	0.403%

Sum of corrected areas: 406749227

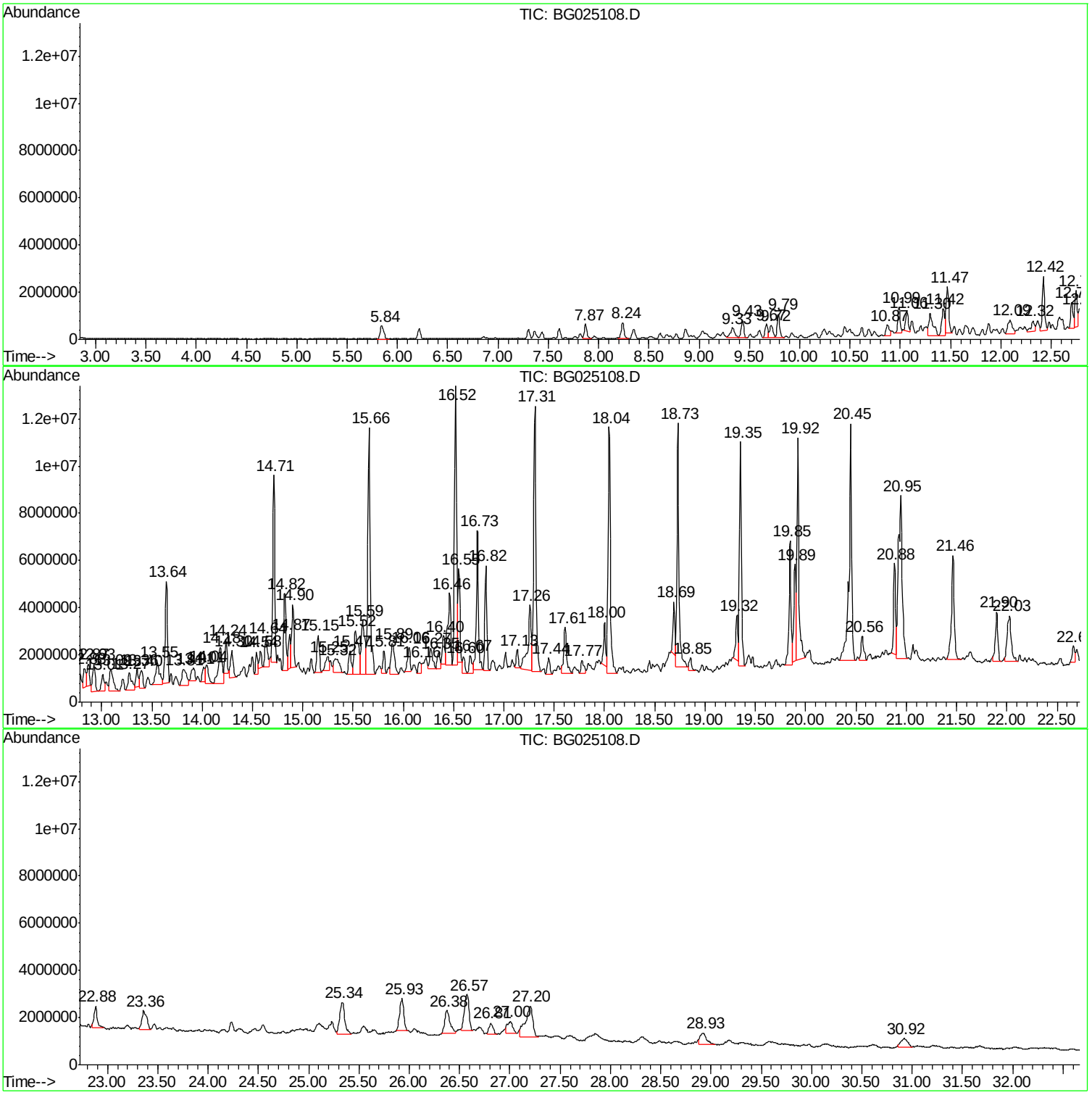
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

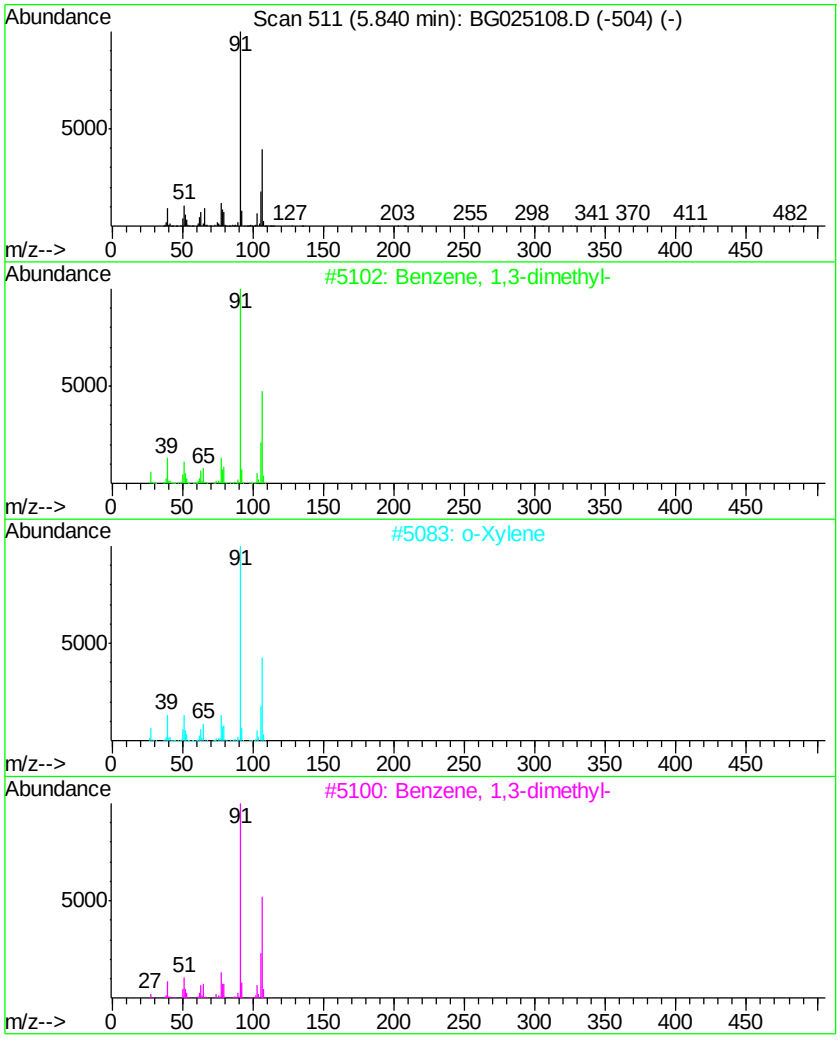
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

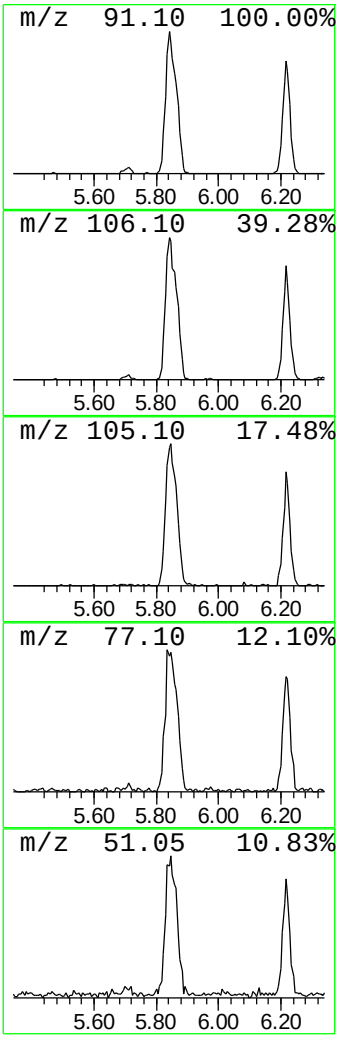
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.84	21.06 ng/ul	1372160	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	o-Xylene	106	C8H10	000095-47-6	95
5	p-Xylene	106	C8H10	000106-42-3	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

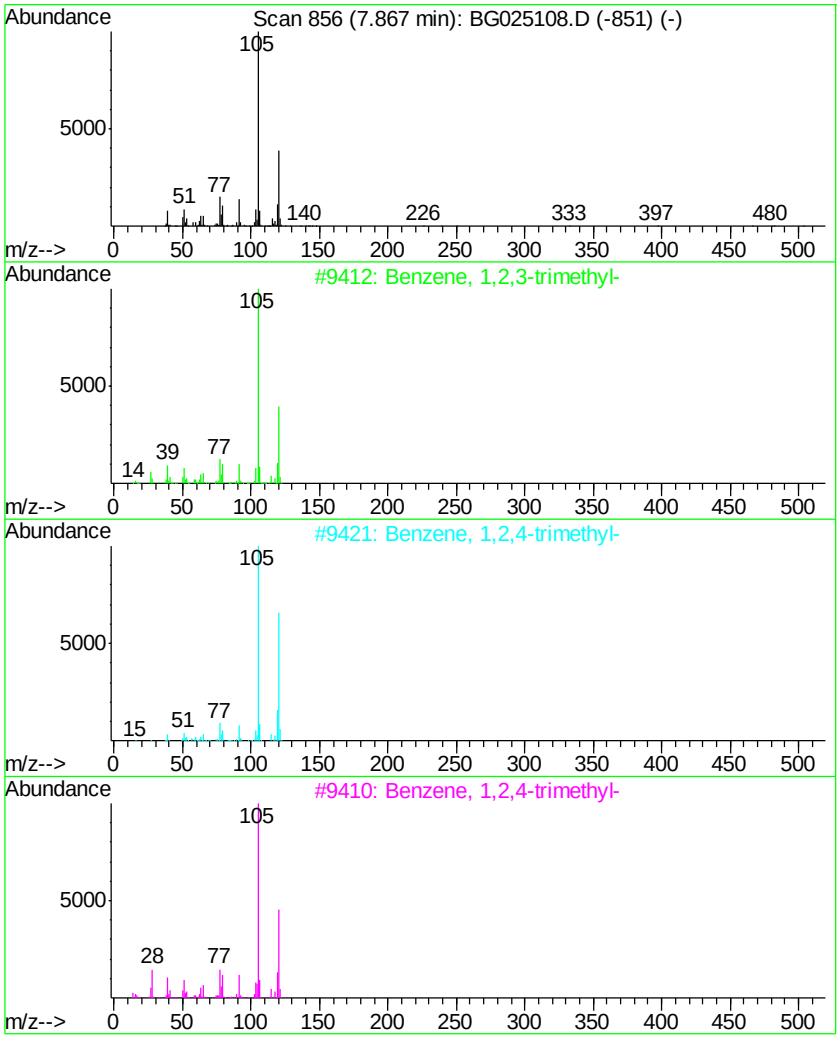
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

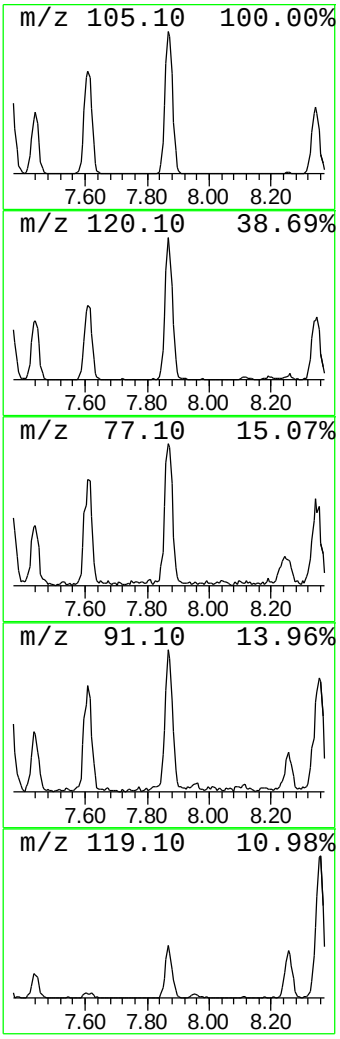
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	16.71 ng/ul	1088790	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

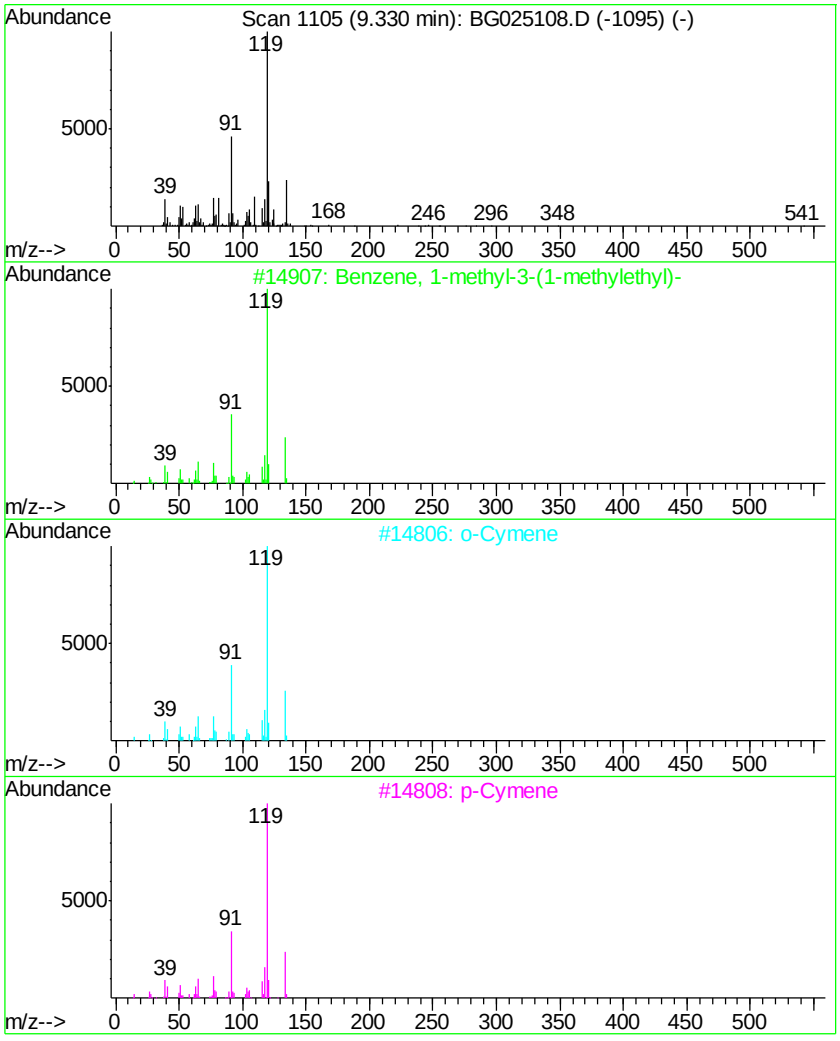
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

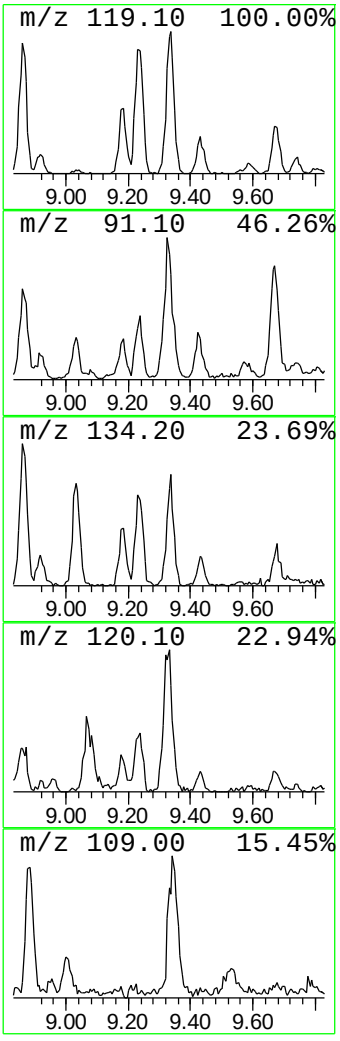
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Benzene, 1-methyl-3-(1-meth... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	20.45 ng/ul	1332760	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94
2	o-Cymene	134	C10H14	000527-84-4	93
3	p-Cymene	134	C10H14	000099-87-6	81
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	81





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

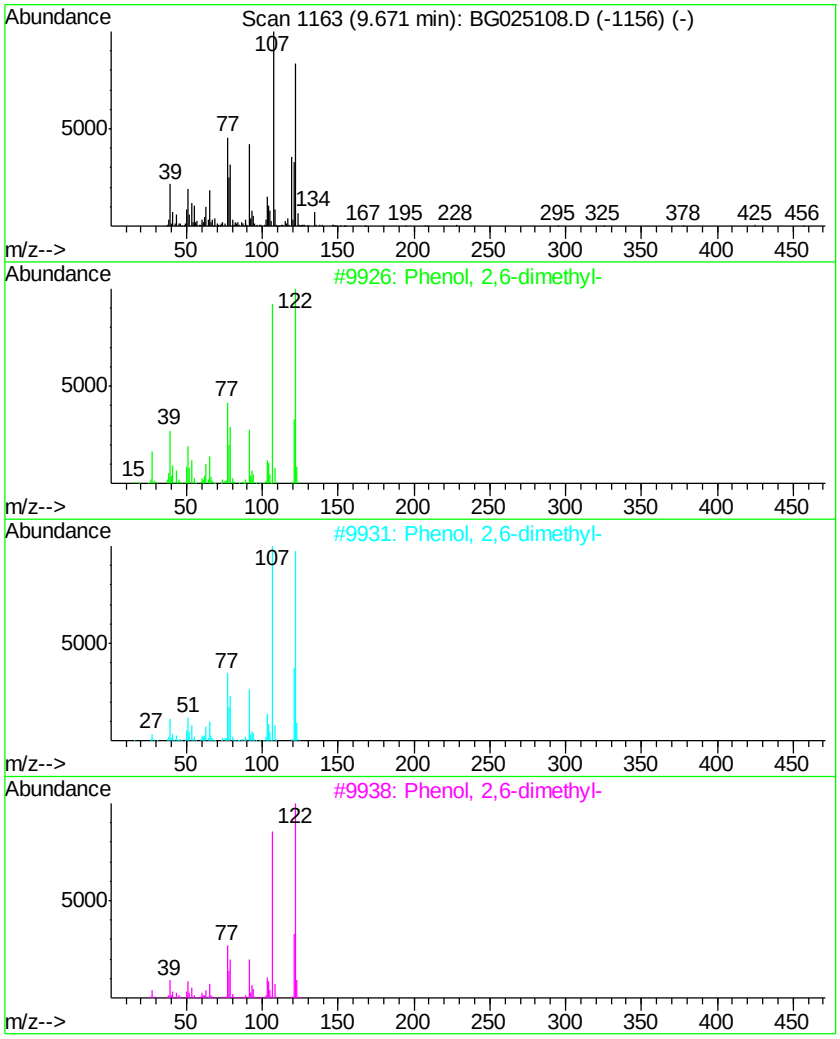
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

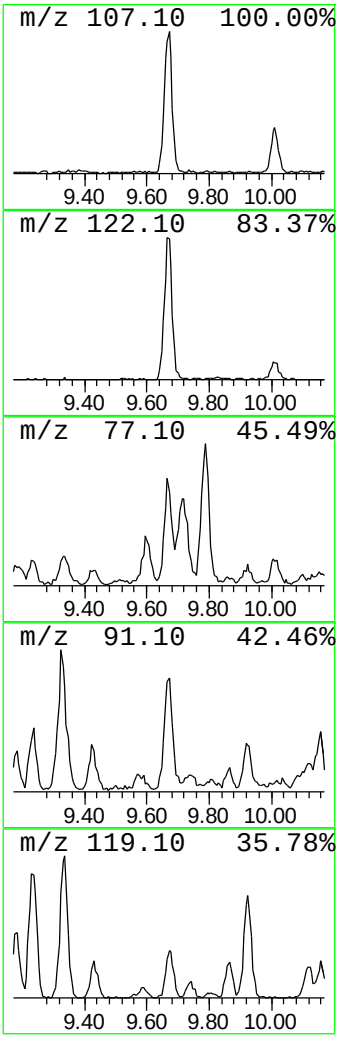
****

Peak Number 4 Phenol, 2,6-dimethyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	14.85 ng/ul	1078620	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	95
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	93
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

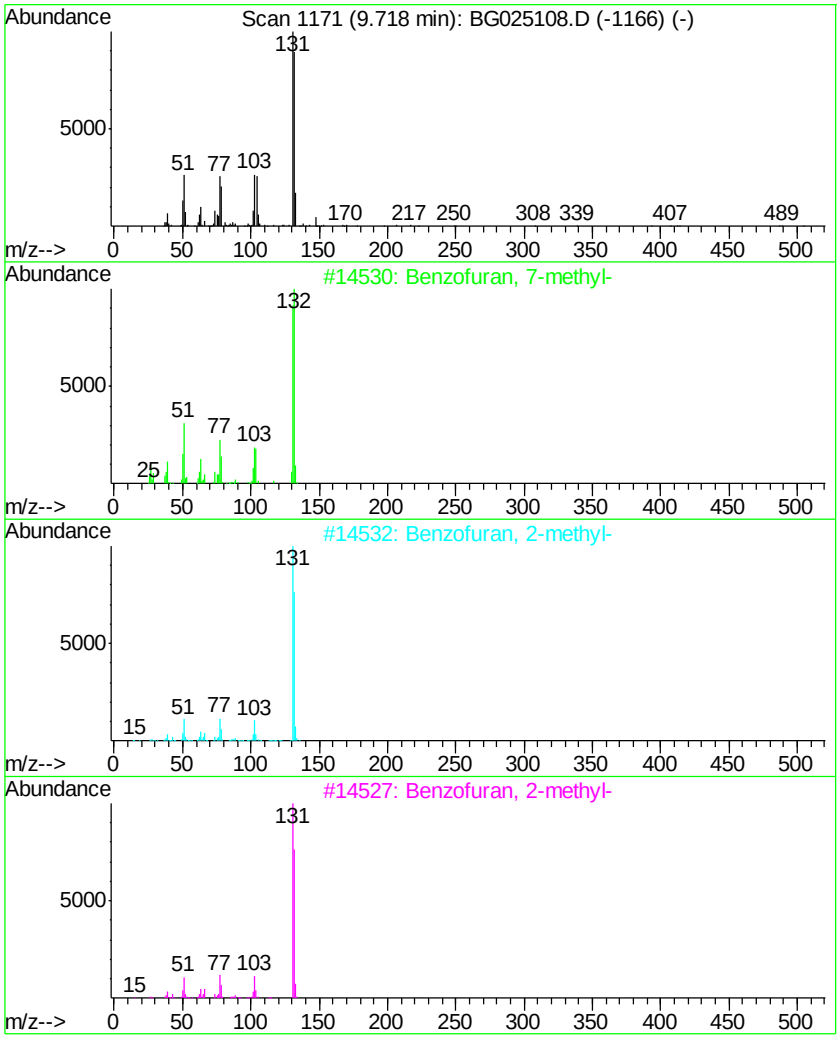
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

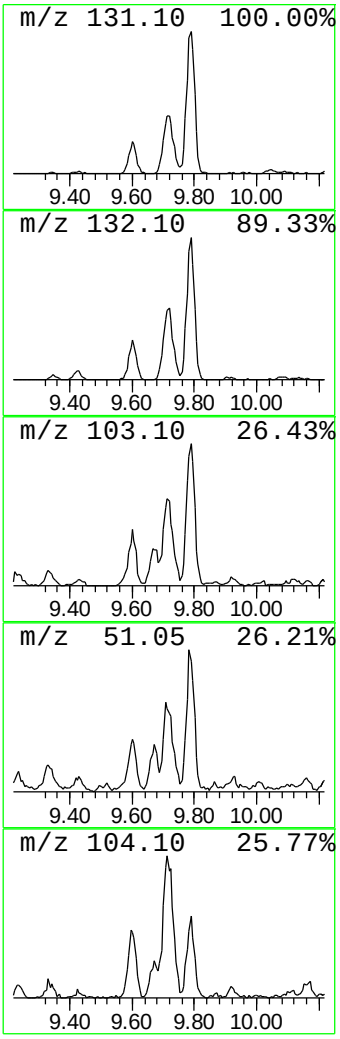
****

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.72	17.59 ng/ul	1277540	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





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Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

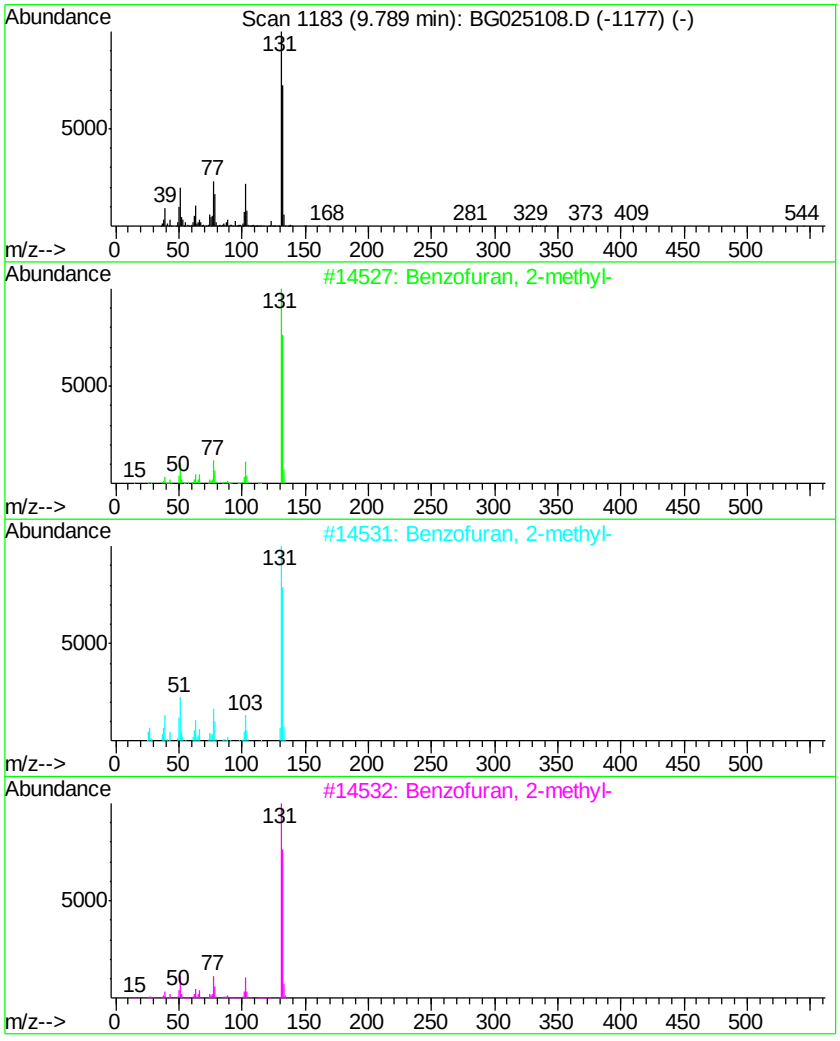
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

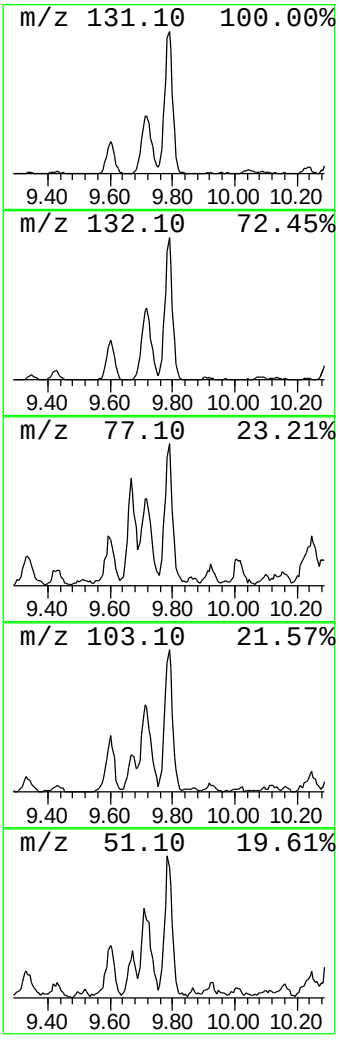
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.79	25.70 ng/ul	1866820	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	1H-Indenol	132	C9H8O	056631-57-3	89





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

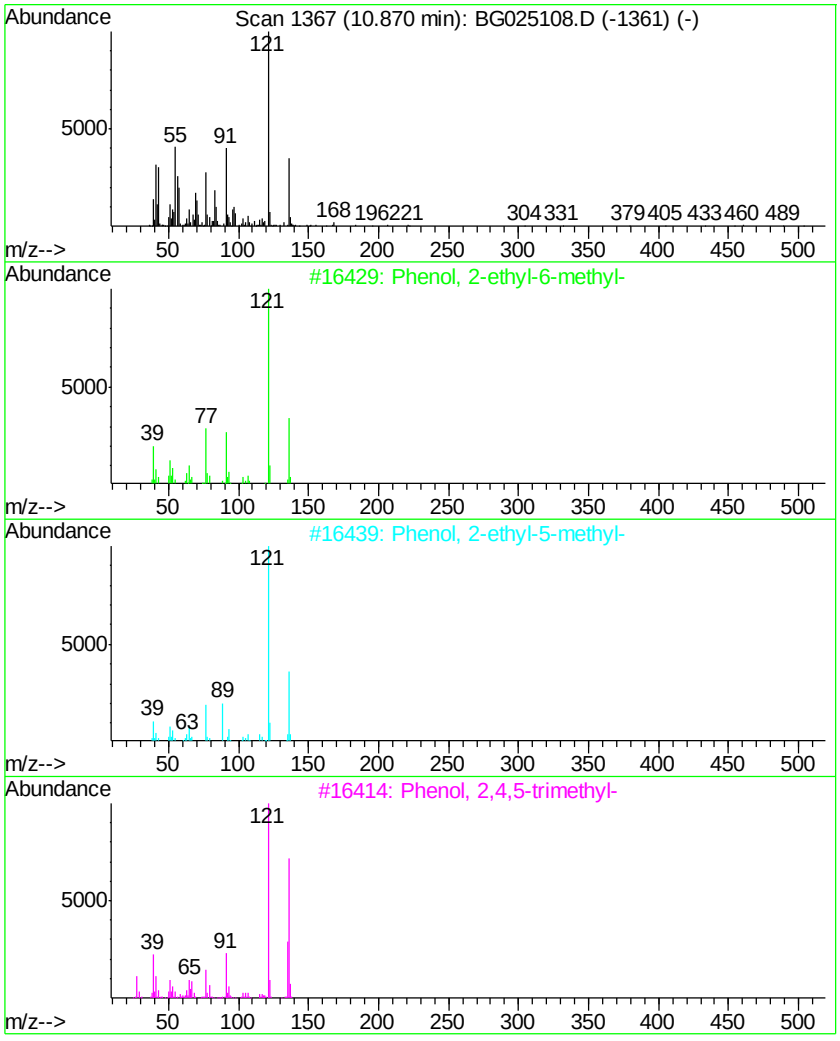
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

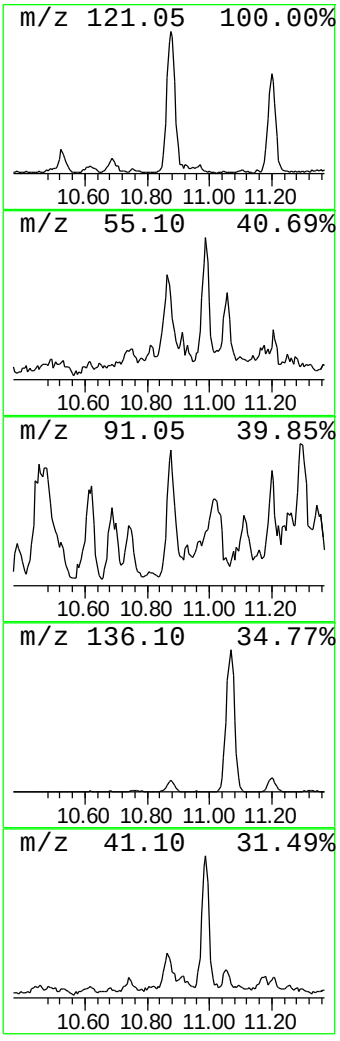
****

Peak Number 7 Phenol, 2-ethyl-6-methyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	15.11 ng/ul	1097370	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	93
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	64
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	62
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	62
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	58





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

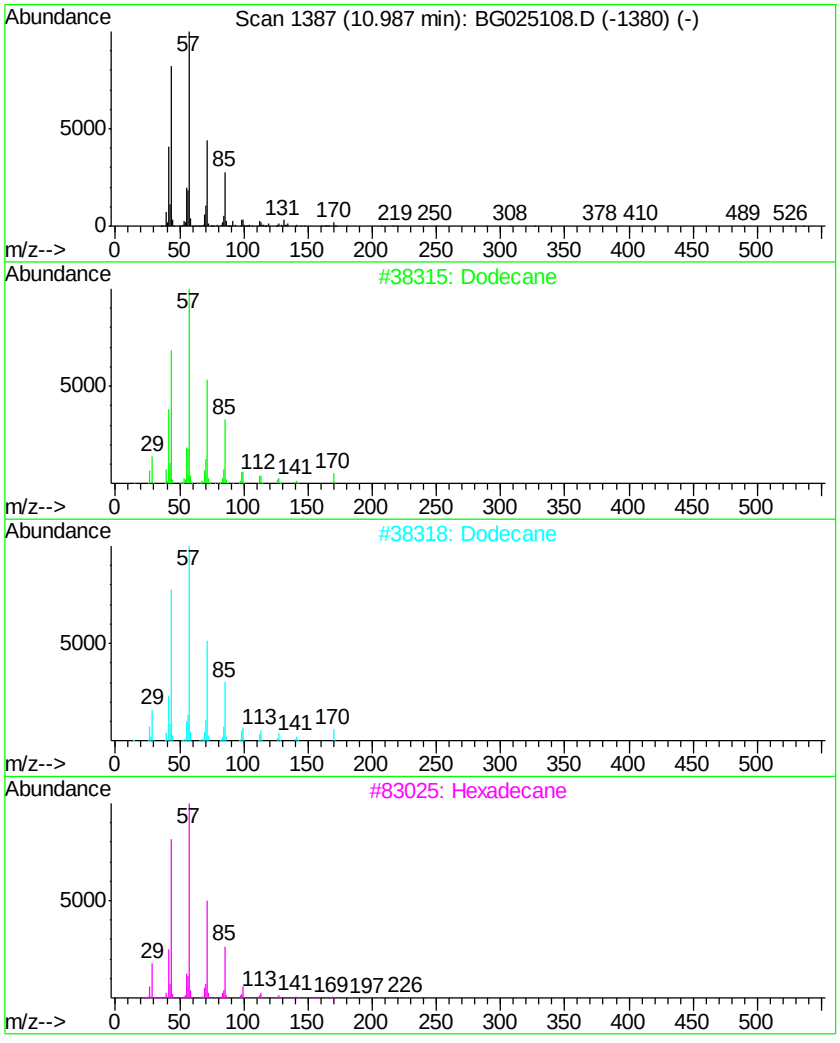
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

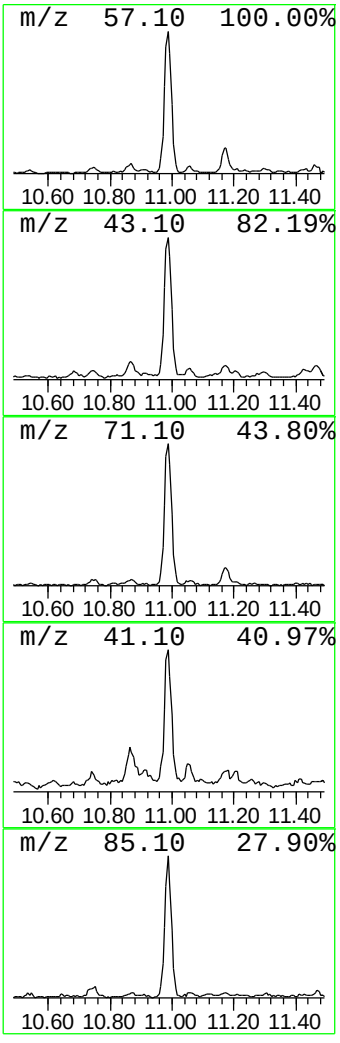
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.99	25.35 ng/ul	1841030	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	91
2	Dodecane	170	C12H26	000112-40-3	86
3	Hexadecane	226	C16H34	000544-76-3	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Undecane	156	C11H24	001120-21-4	78





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

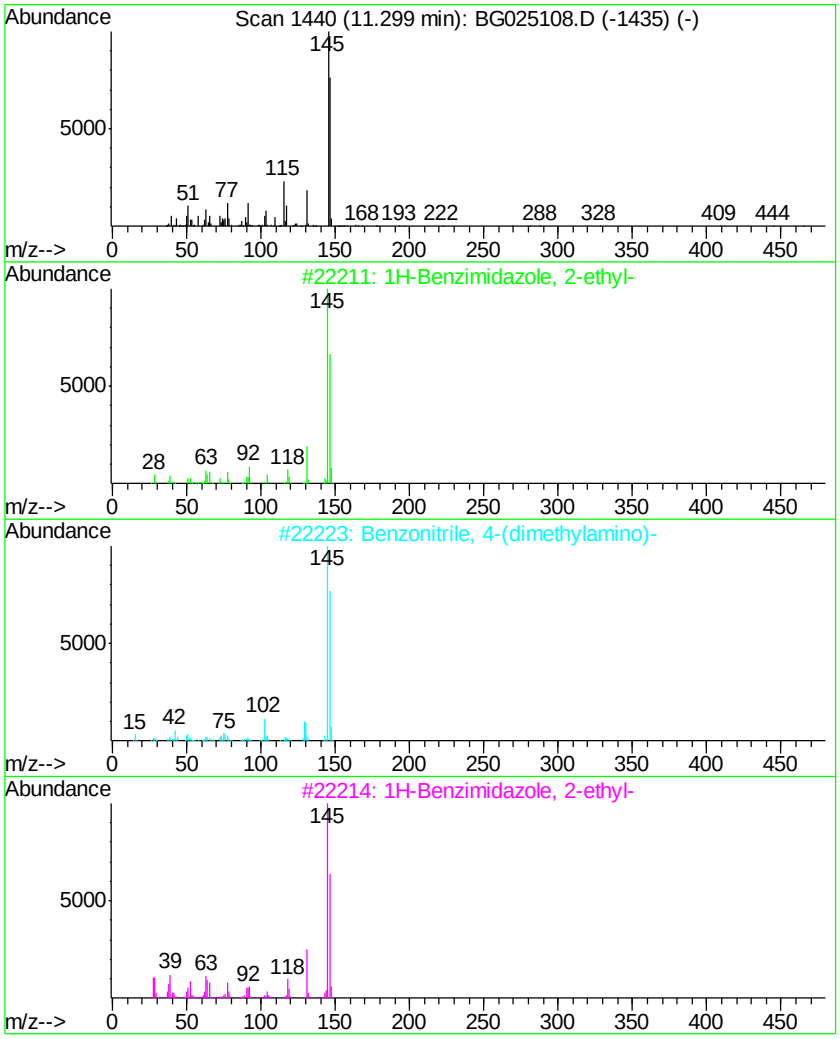
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

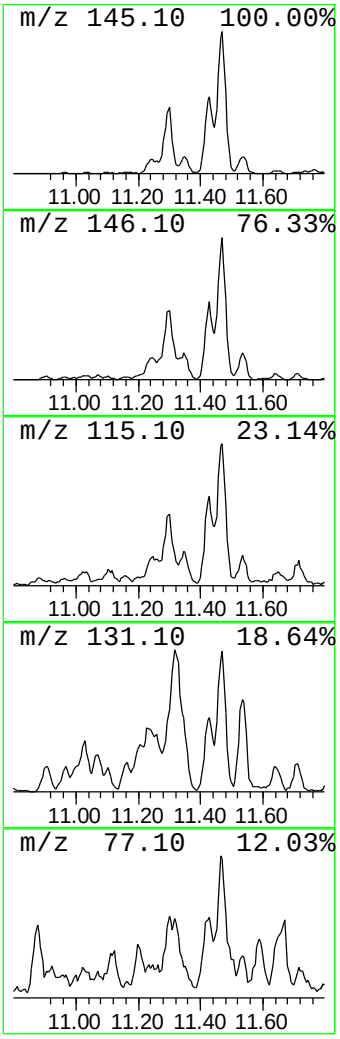
****

Peak Number 9 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	39.93 ng/ul	2899570	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	45
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	42
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	42
4	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	42
5	2-Quinazolinamine	145	C8H7N3	001687-51-0	38





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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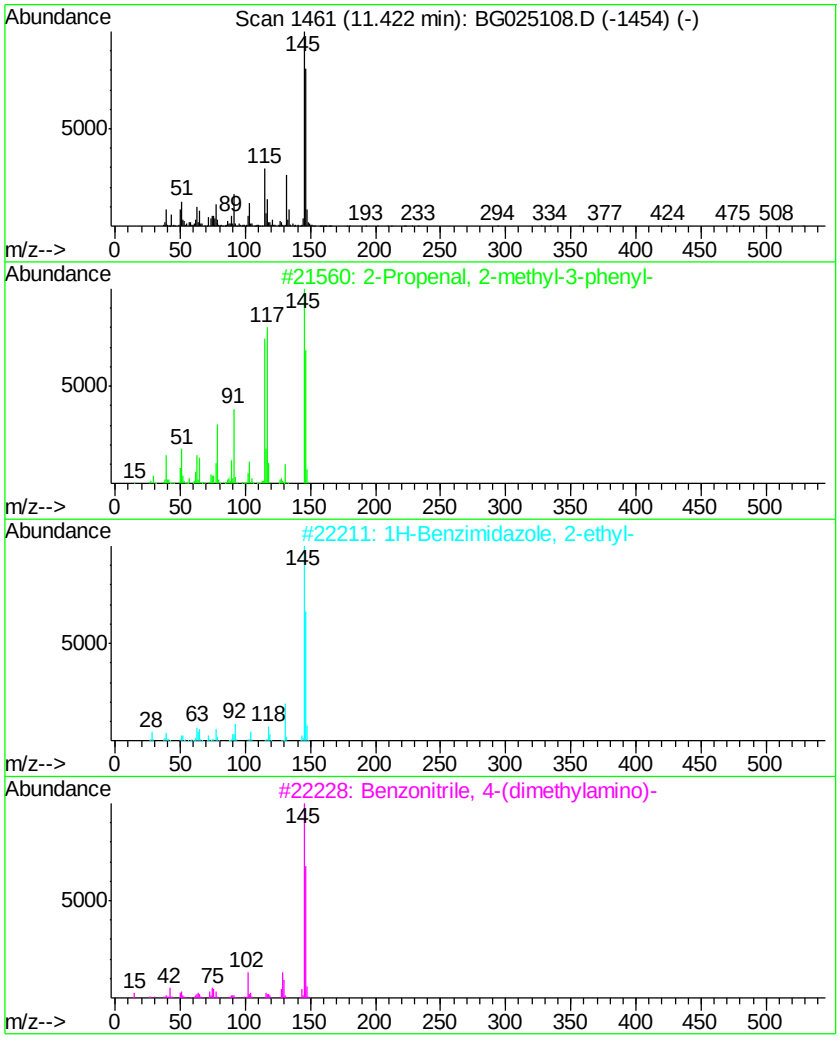
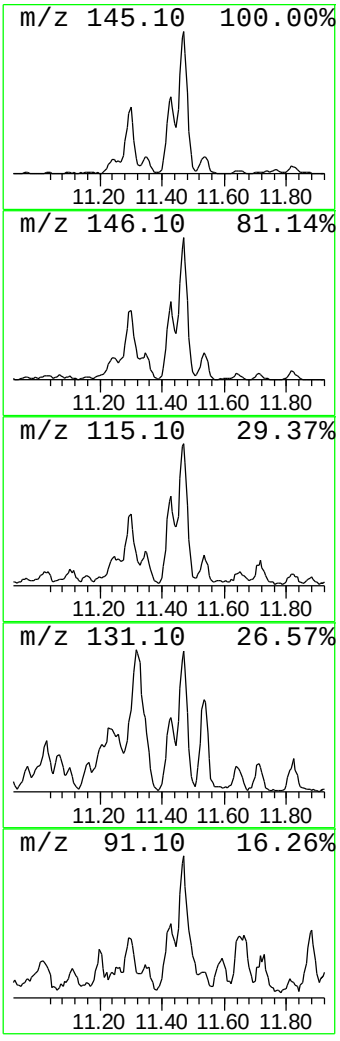
Peak Number 10 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	32.87 ng/ul	2387270	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	52





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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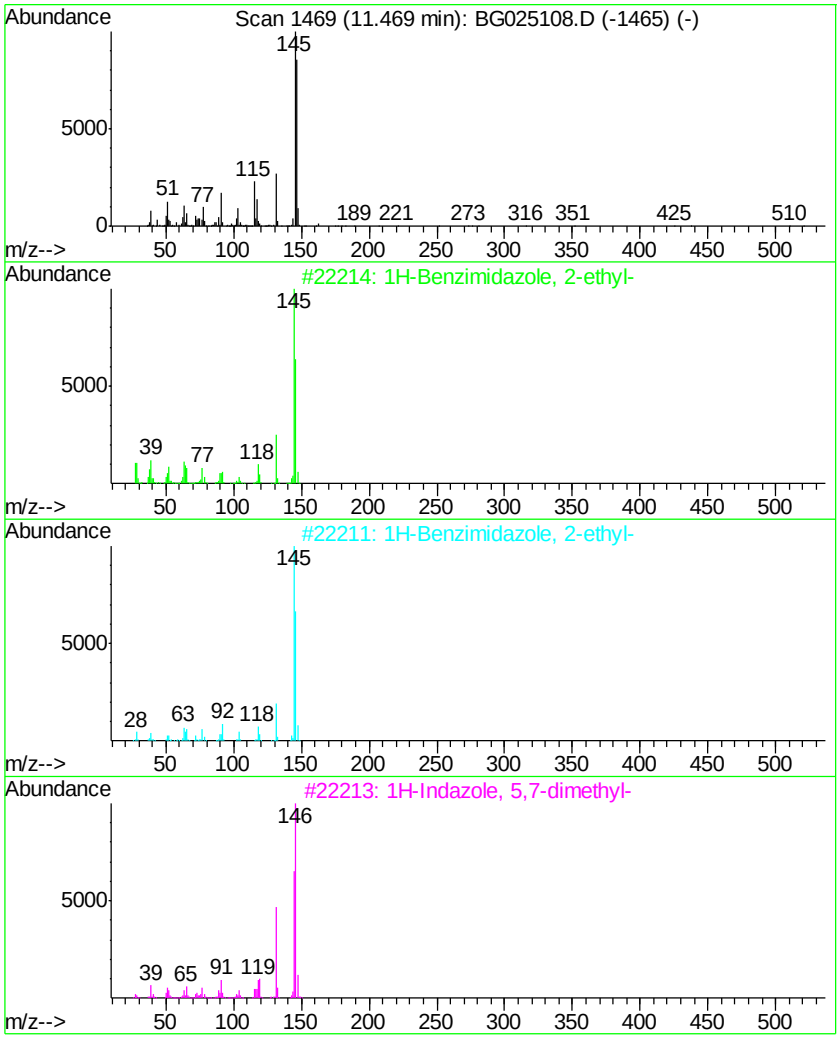
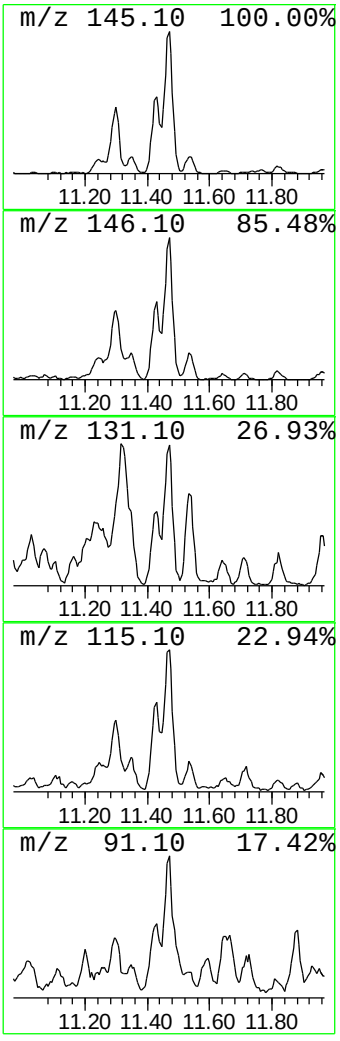
Peak Number 11 1H-Benzimidazole, 2-ethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.47	47.31 ng/ul	3435810	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	50
4	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	43
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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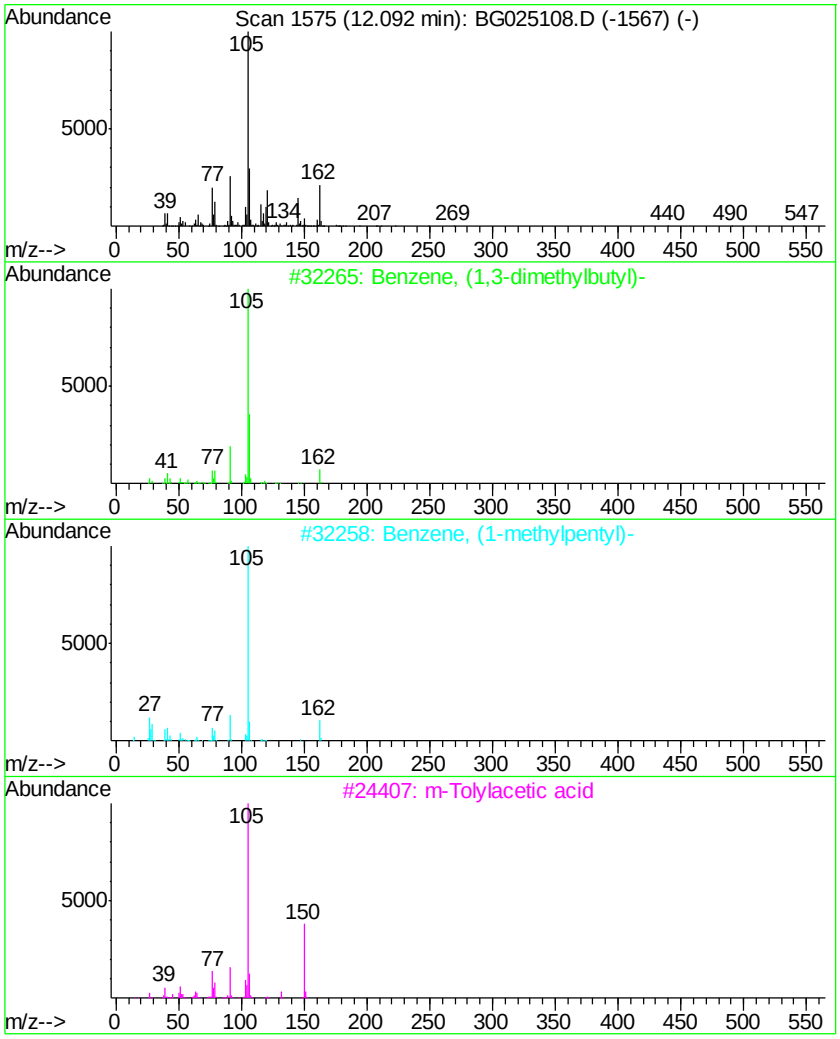
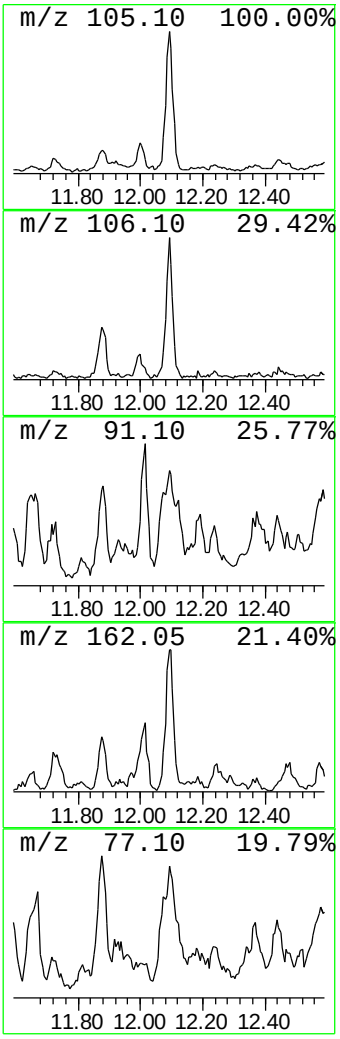
Peak Number 12 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	26.07 ng/ul	1893580	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	46
2	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	43
3	m-Tolylacetic acid	150	C9H10O2	000621-36-3	43
4	p-Tolylacetic acid	150	C9H10O2	000622-47-9	38
5	(3-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-58-5	38





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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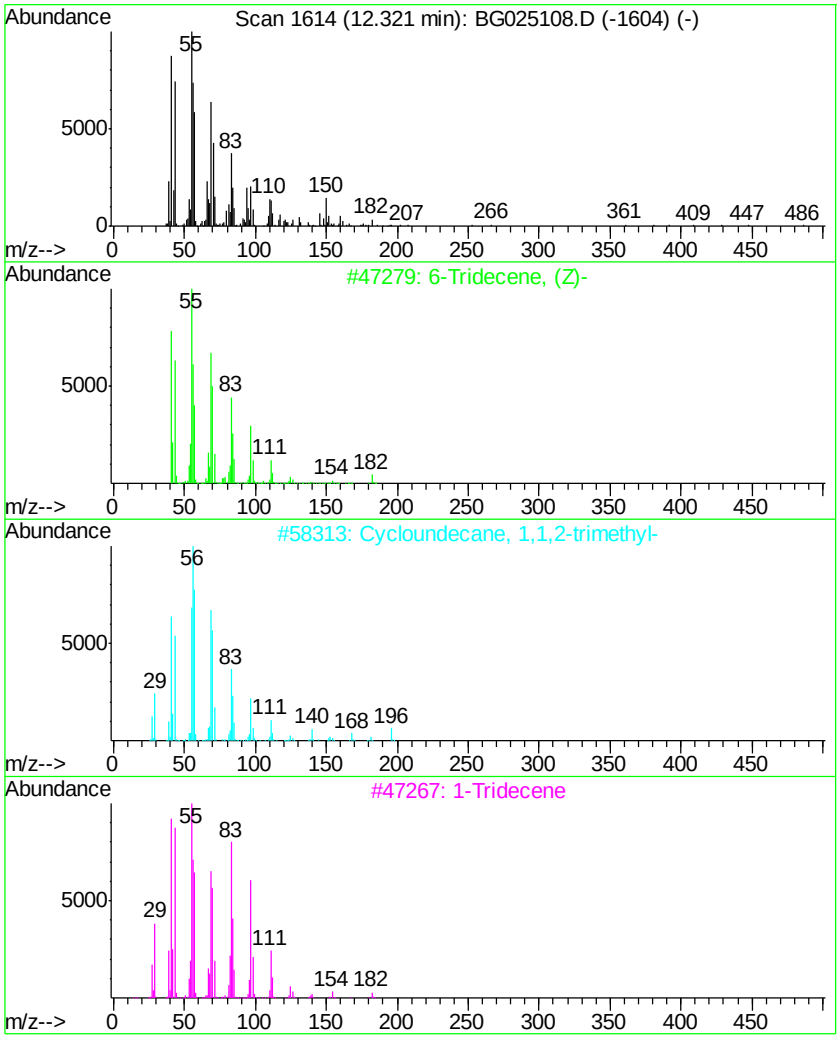
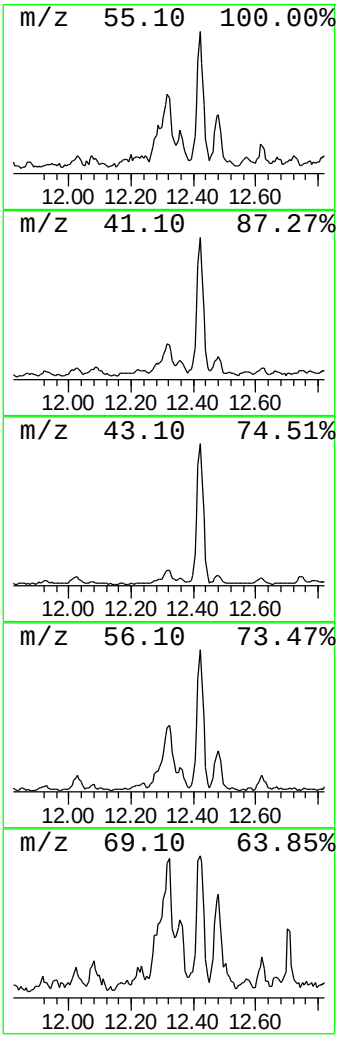
Peak Number 13 (DEL) Alkane: Cyclic12.32 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.32	14.06 ng/ul	1020840	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, (Z)-	182	C13H26	006508-77-6	80
2	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	70
3	1-Tridecene	182	C13H26	002437-56-1	55
4	Cyclooctane, 1,4-dimethyl-, trans-	140	C10H20	013151-98-9	50
5	Cyclopropane, nonyl-	168	C12H24	074663-85-7	49





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Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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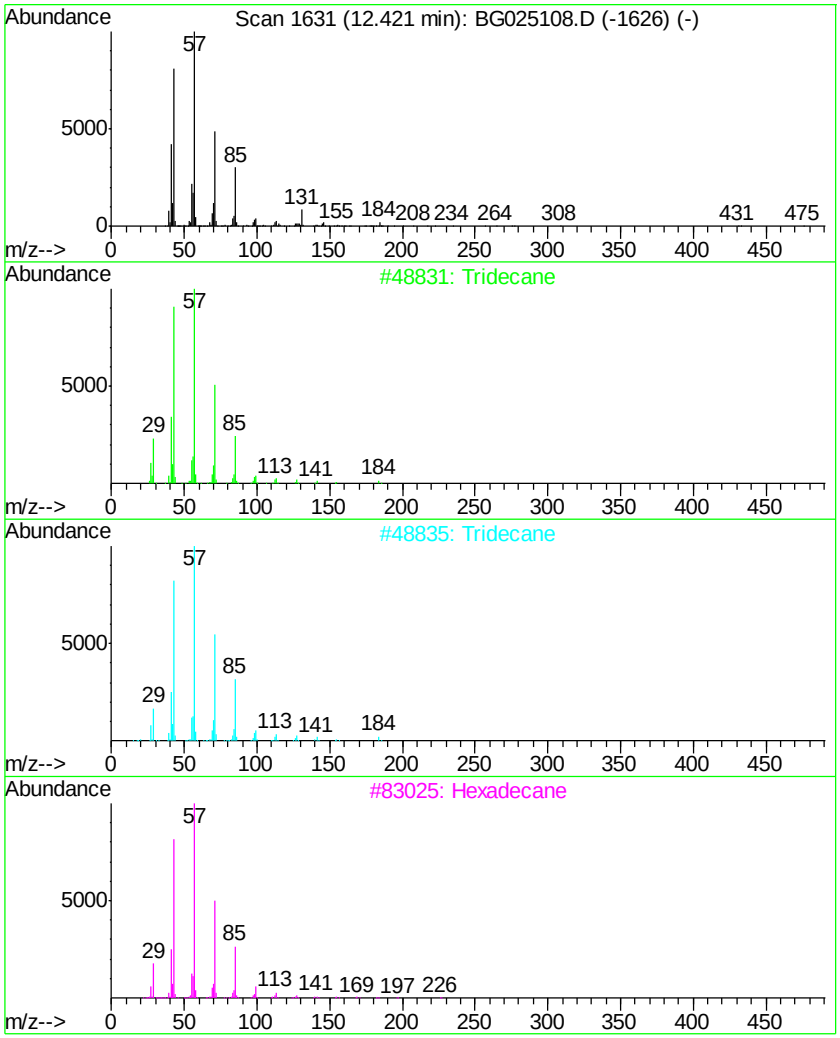
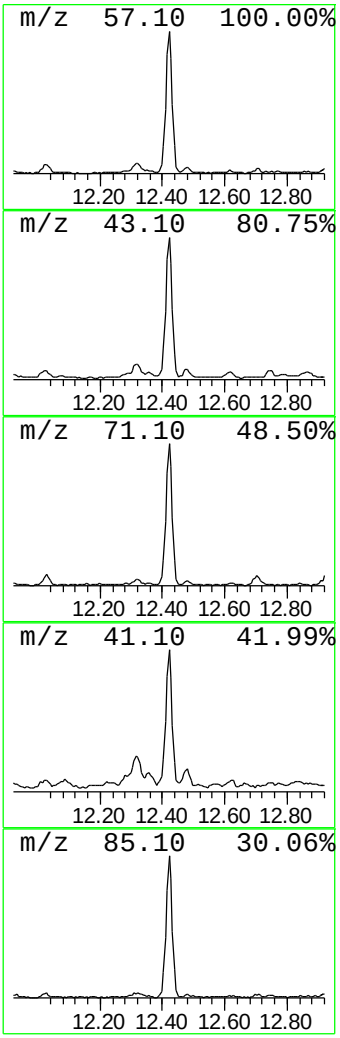
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	51.09 ng/ul	3710540	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	94
2	Tridecane	184	C13H28	000629-50-5	90
3	Hexadecane	226	C16H34	000544-76-3	86
4	Hexadecane	226	C16H34	000544-76-3	83
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	80





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Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

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Quant Title : SVOA CALIBRATION

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

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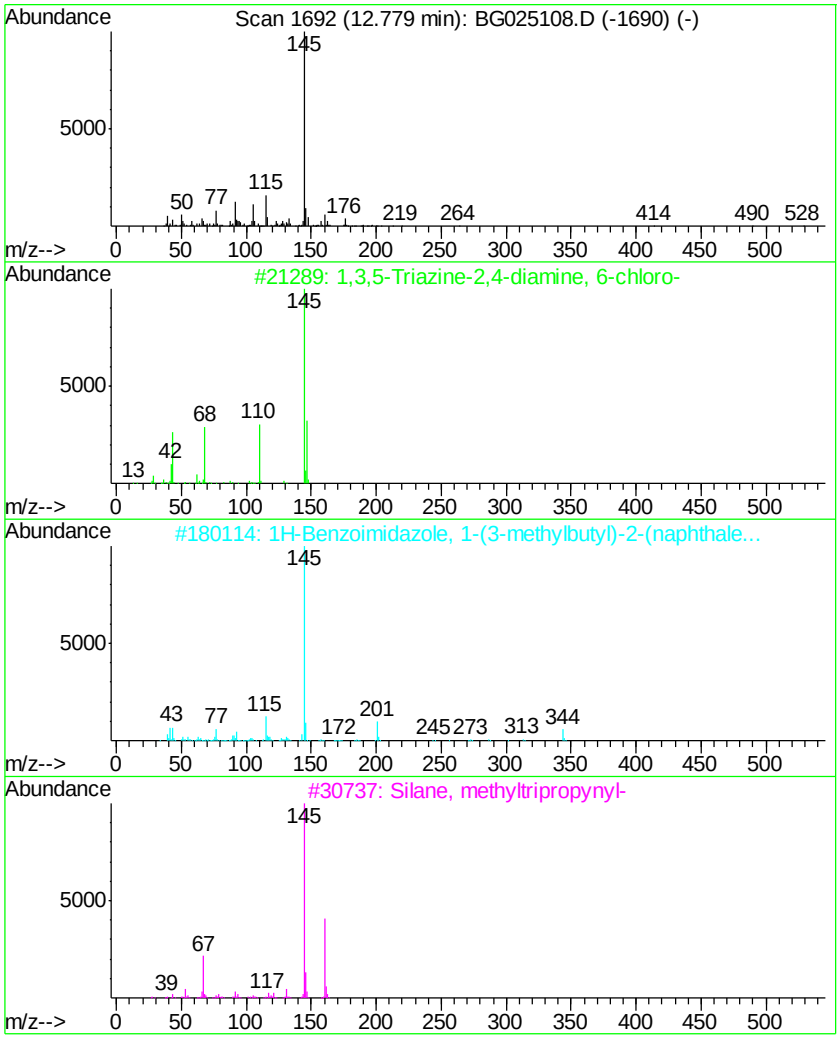
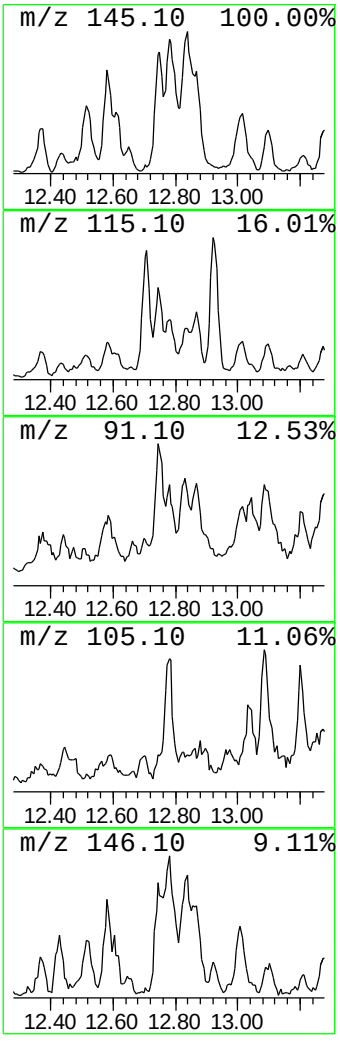
Peak Number 15 1,3,5-Triazine-2,4-diamine,... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	16.91 ng/ul	1228380	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4-diamine, 6-ch...	145	C3H4ClN5	003397-62-4	53
2	1H-Benzoimidazole, 1-(3-methylbu...	344	C23H24N2O	1000303-65-7	45
3	Silane, methyltripropynyl-	160	C10H12Si	1000158-62-1	45
4	1,5-Naphthyridin-3-amine	145	C8H7N3	014756-77-5	42
5	4-Quinolinol	145	C9H7NO	000611-36-9	42





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Sample : H5863-02DL 5X
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ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

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Quant Title : SVOA CALIBRATION

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

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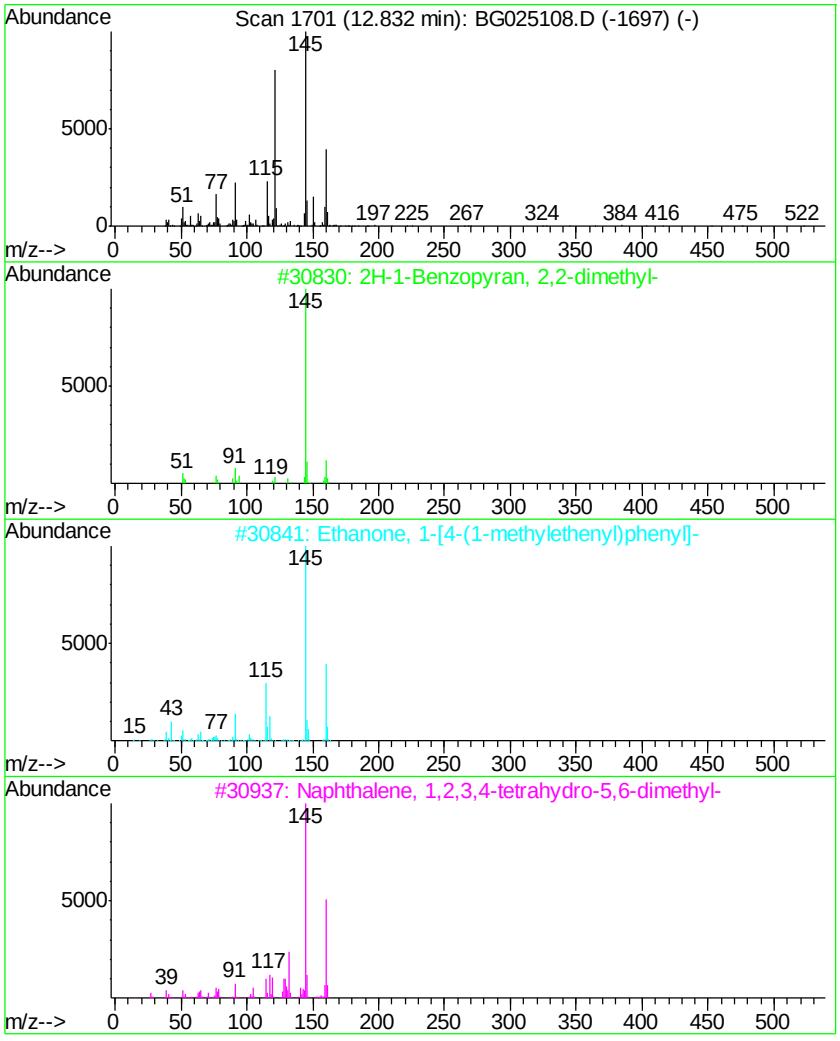
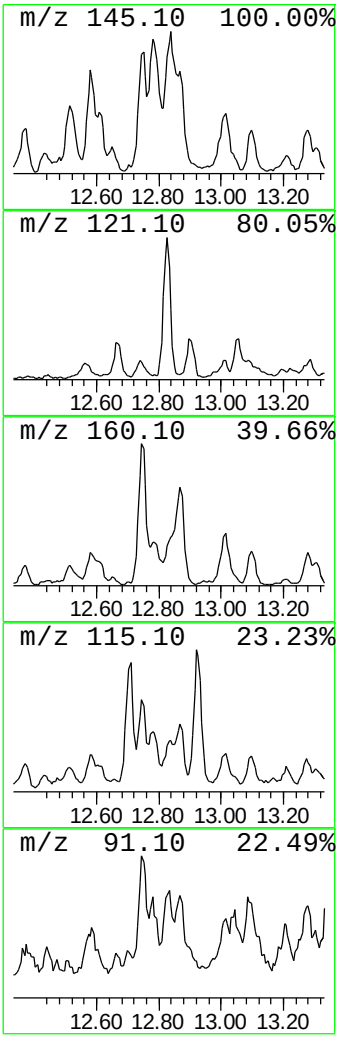
Peak Number 16 unknown-03 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	21.86 ng/ul	1587380	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-1-Benzopyran, 2,2-dimethyl-	160	C11H12O	002513-25-9	49
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	49
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	46
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	43
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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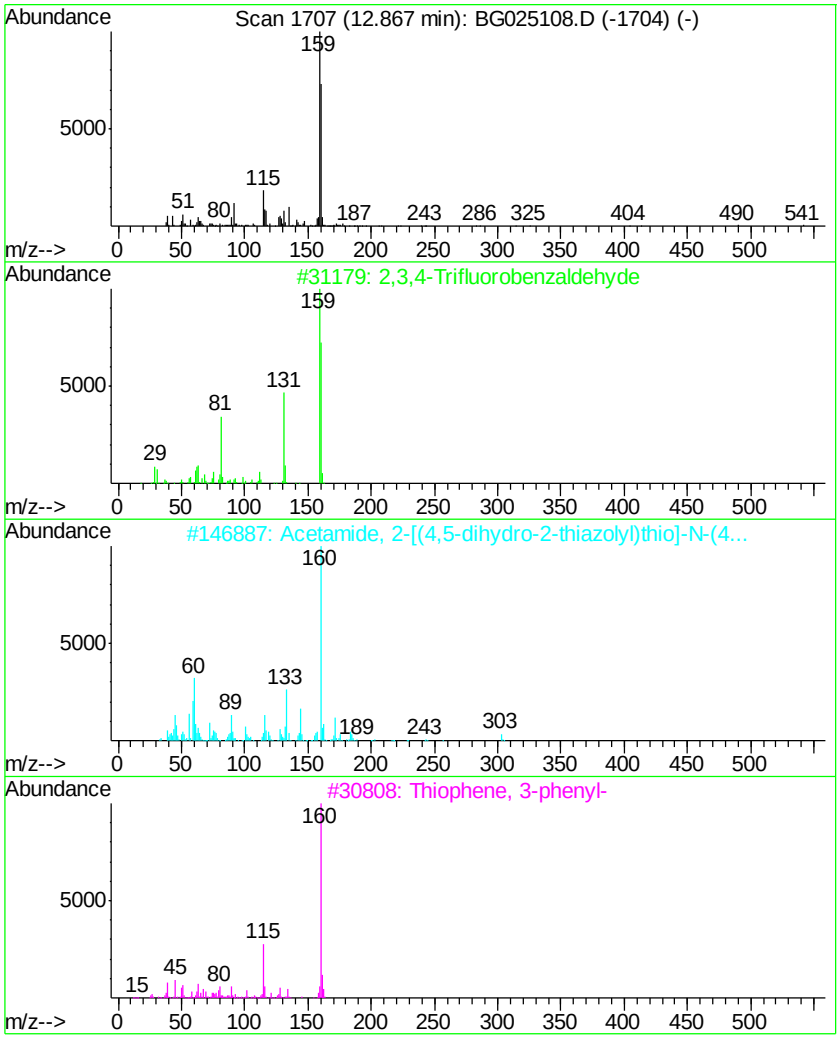
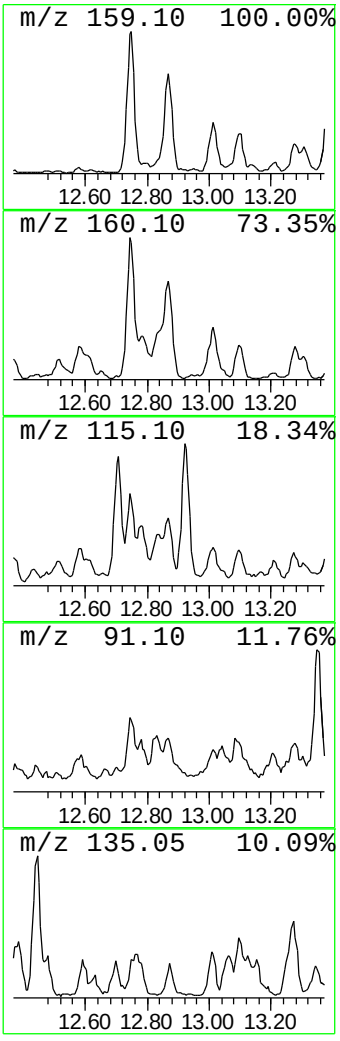
Peak Number 17 2,3,4-Trifluorobenzaldehyde Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.87	19.50 ng/ul	1416360	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3,4-Trifluorobenzaldehyde	160	C7H3F3O	161793-17-5	50
2	Acetamide, 2-[(4,5-dihydro-2-thi...	303	C14H13N3OS2	1000320-24-6	35
3	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	35
4	Naphthalene, 1,2,3,4-tetrahydro-...	272	C20H32	055255-58-8	35
5	Naphthalene, 1,2,3,4-tetrahydro-...	202	C15H22	000483-77-2	32





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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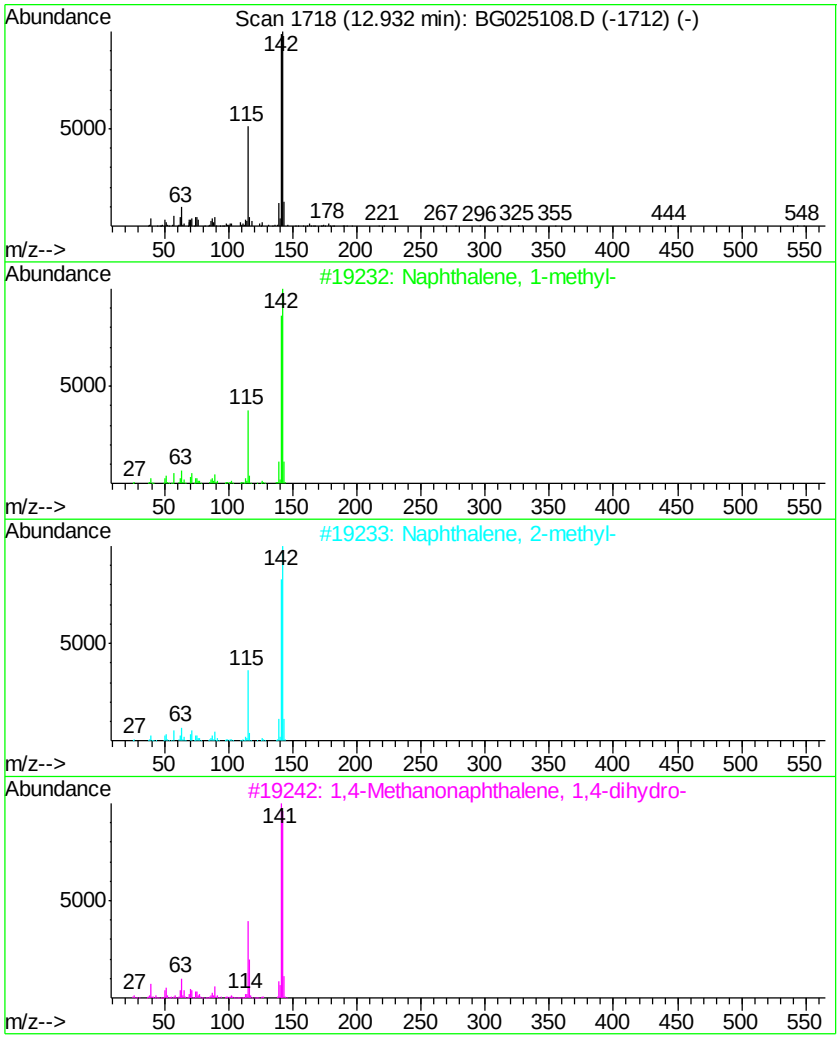
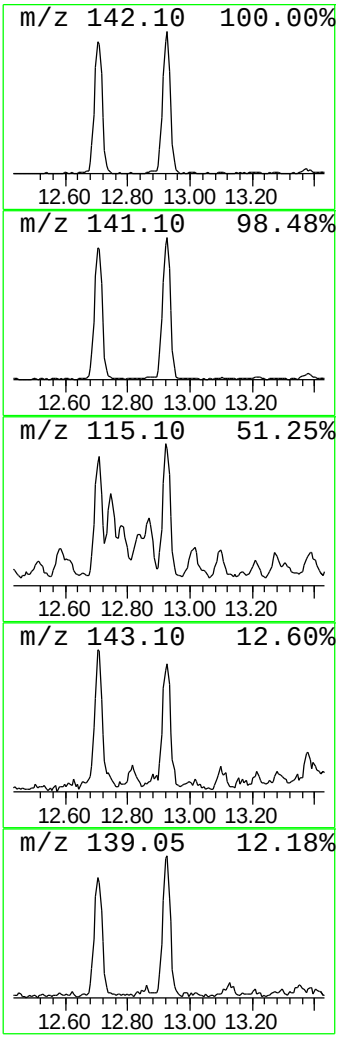
Peak Number 18 Naphthalene, 1-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	28.26 ng/ul	2052460	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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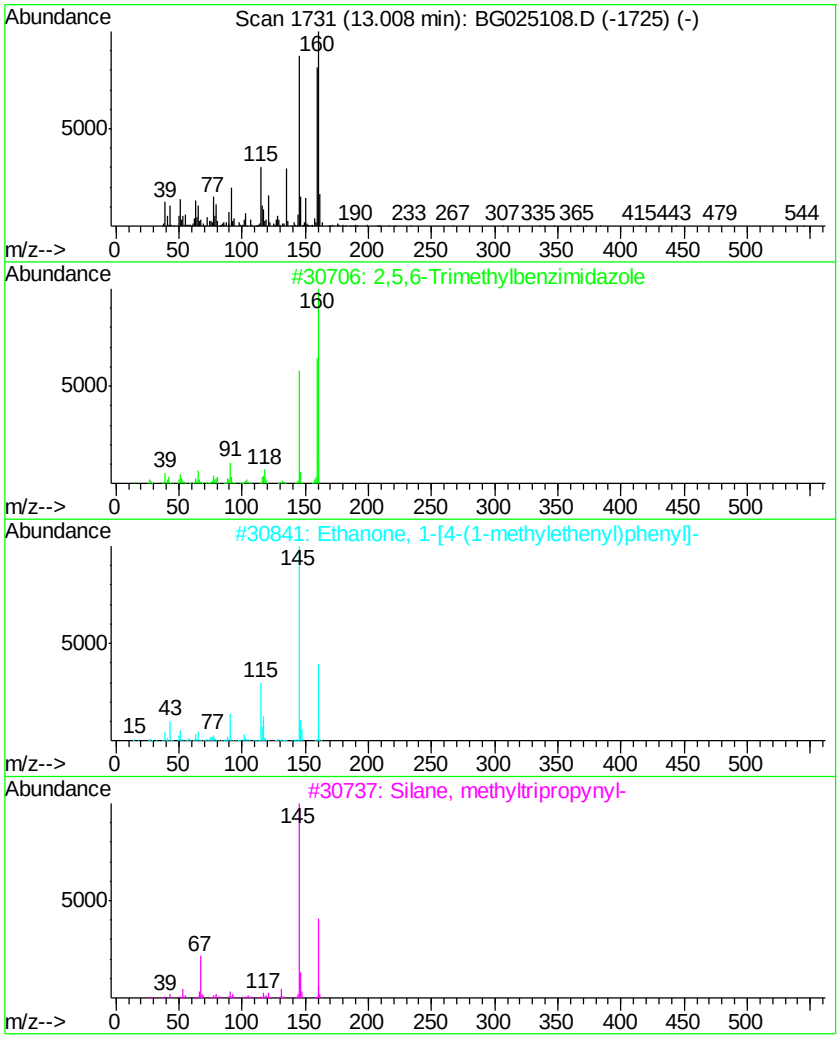
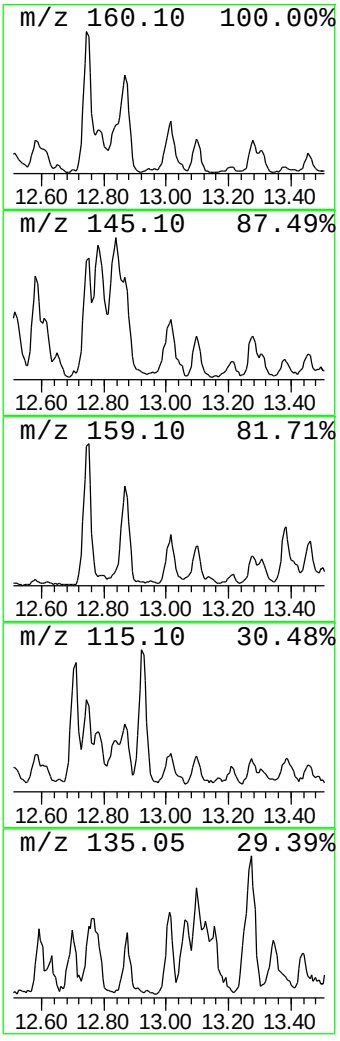
Peak Number 19 2,5,6-Trimethylbenzimidazole Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	11.40 ng/ul	1391790	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	72
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	46
3	Silane, methyltripropynyl-	160	C10H12Si	1000158-62-1	46
4	Thiophene, 2-phenyl-	160	C10H8S	000825-55-8	27
5	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	25





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Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

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Quant Title : SVOA CALIBRATION

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

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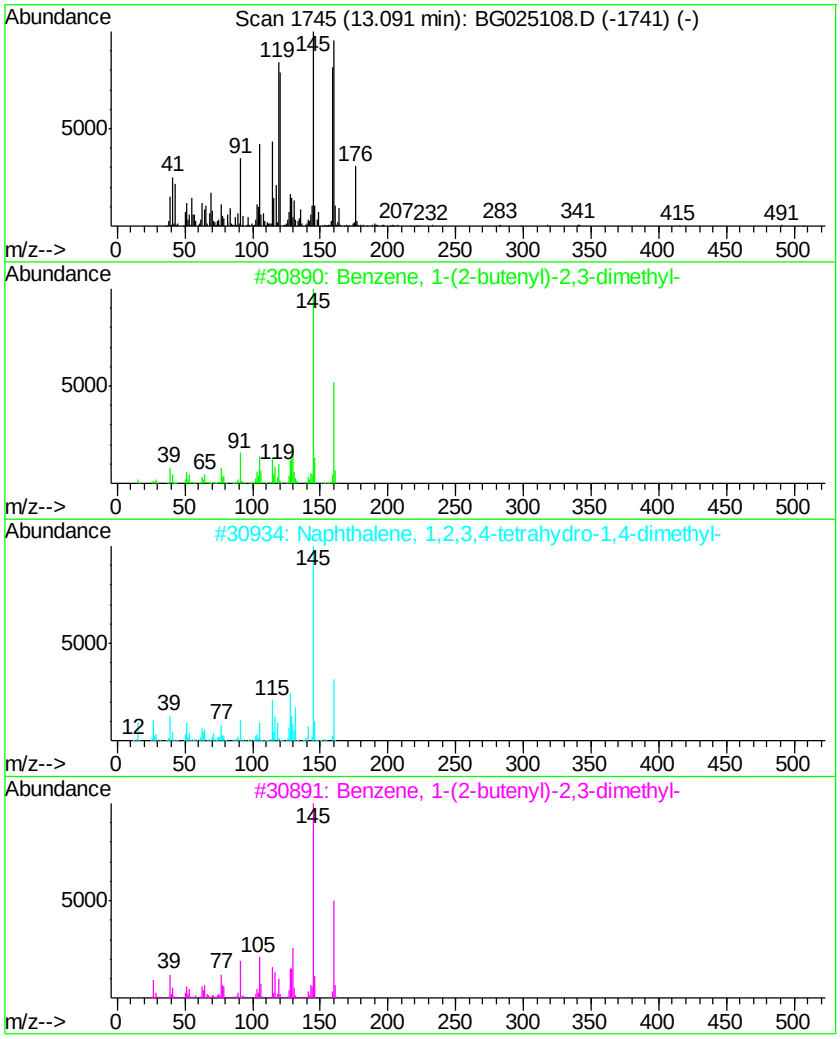
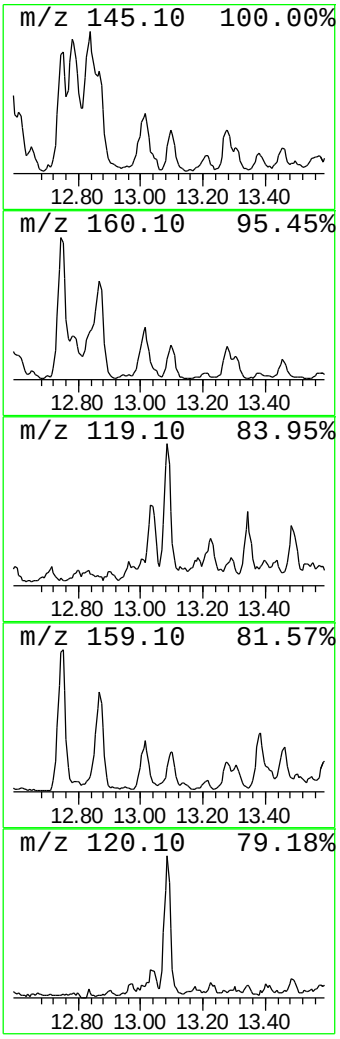
Peak Number 20 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.09	19.54 ng/ul	2385300	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	46
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	42
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	38
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	35





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Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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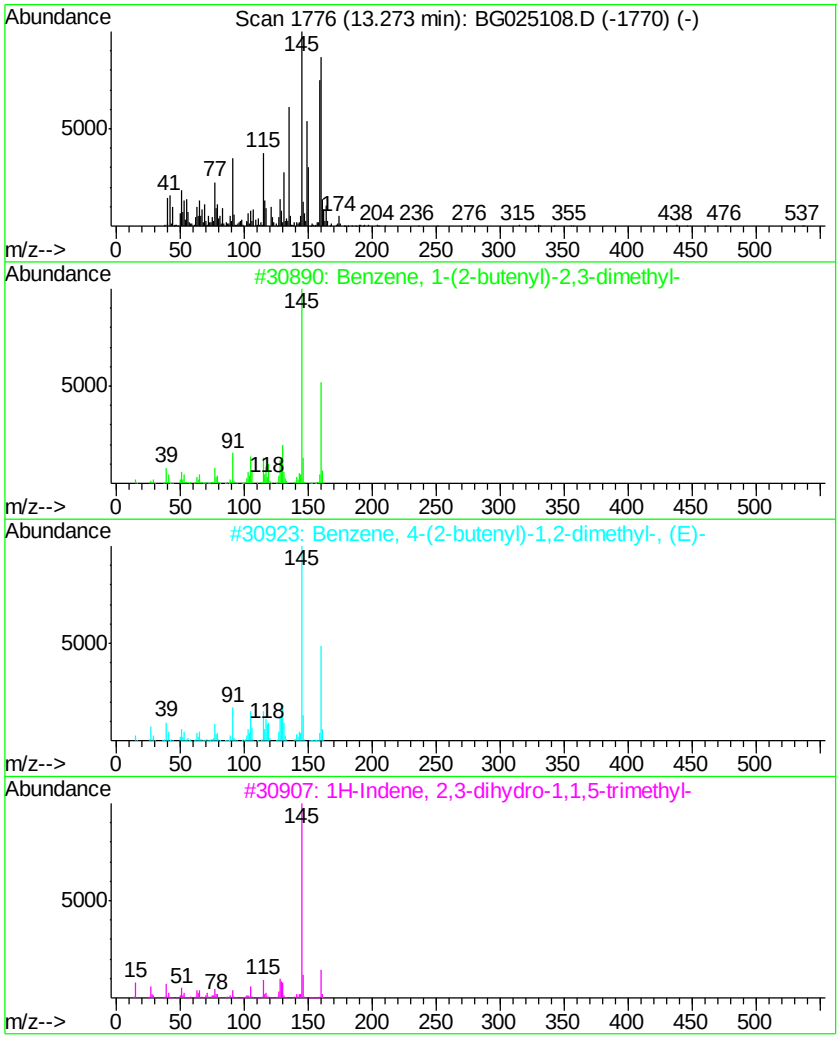
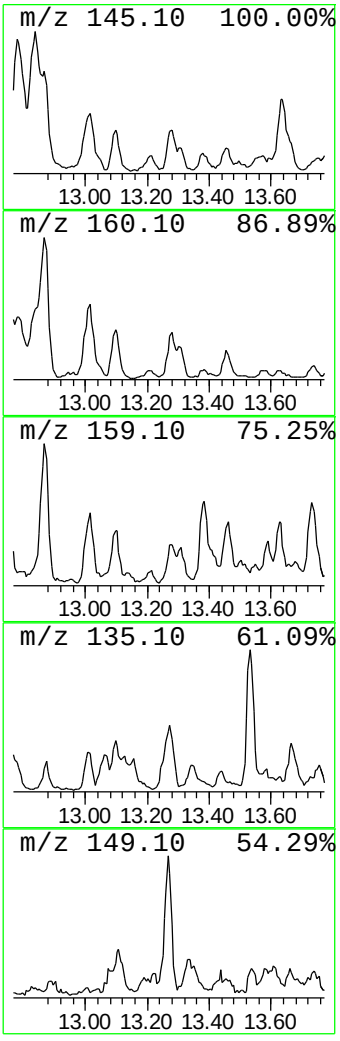
Peak Number 21 unknown-04 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	15.98 ng/ul	1950740	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	46
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	46
3	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	42
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	38





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Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

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Quant Title : SVOA CALIBRATION

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

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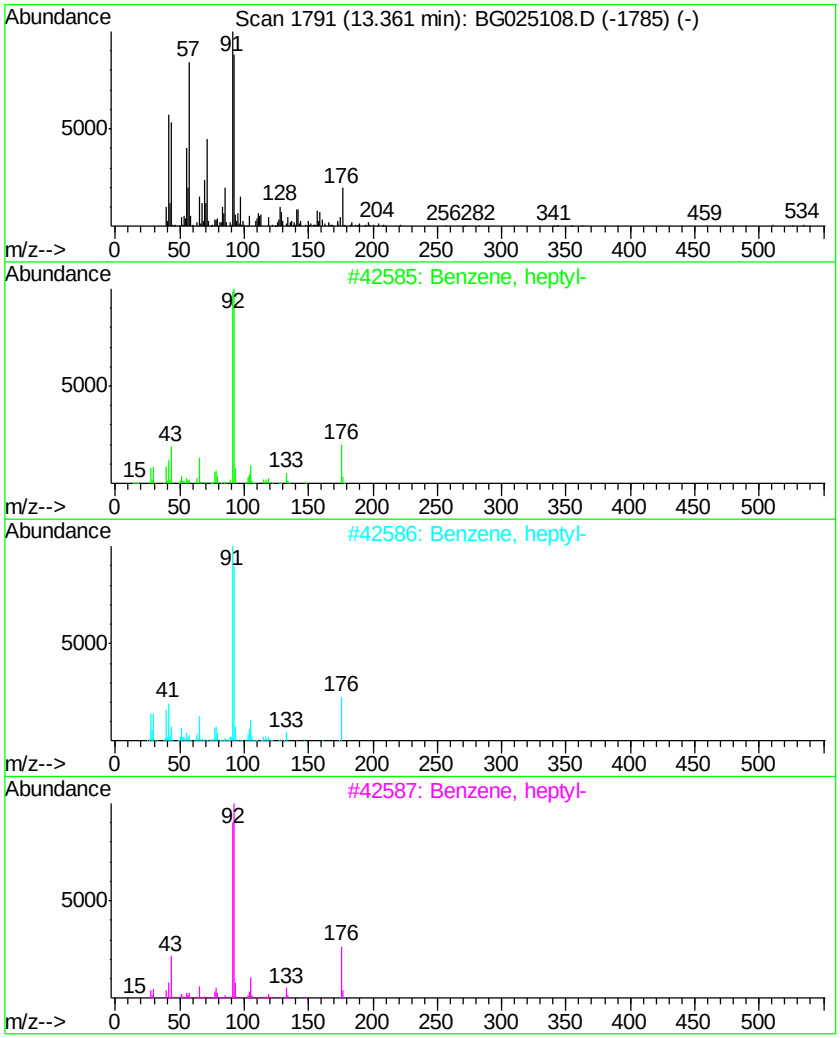
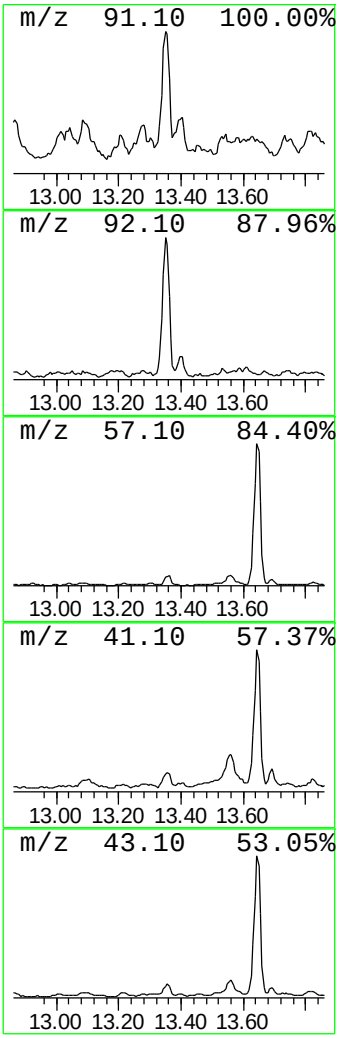
Peak Number 22 Benzene, heptyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	11.18 ng/ul	1364890	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	52
2	Benzene, heptyl-	176	C13H20	001078-71-3	52
3	Benzene, heptyl-	176	C13H20	001078-71-3	52
4	Benzene, nonyl-	204	C15H24	001081-77-2	43
5	Benzene, (3-octylundecyl)-	344	C25H44	005637-96-7	40





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Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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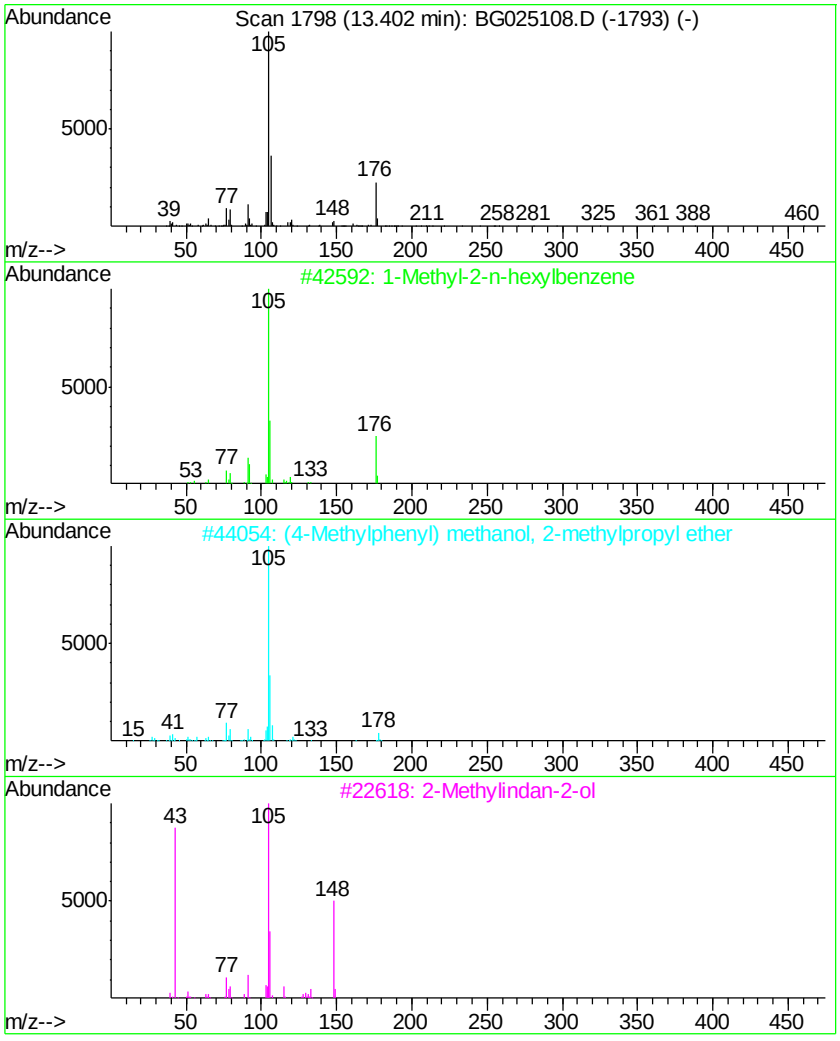
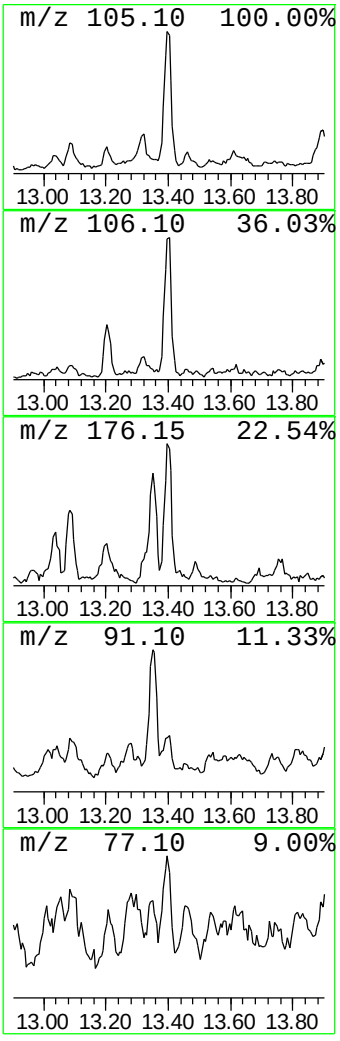
Peak Number 23 1-Methyl-2-n-hexylbenzene Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.40	11.35 ng/ul	1385300	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	64
2	(4-Methylphenyl) methanol, 2-met...	178	C12H18O	1000374-65-2	50
3	2-Methylindan-2-ol	148	C10H12O	033223-84-6	50
4	(3-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-58-5	50
5	(4-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-65-6	50





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Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

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Quant Title : SVOA CALIBRATION

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

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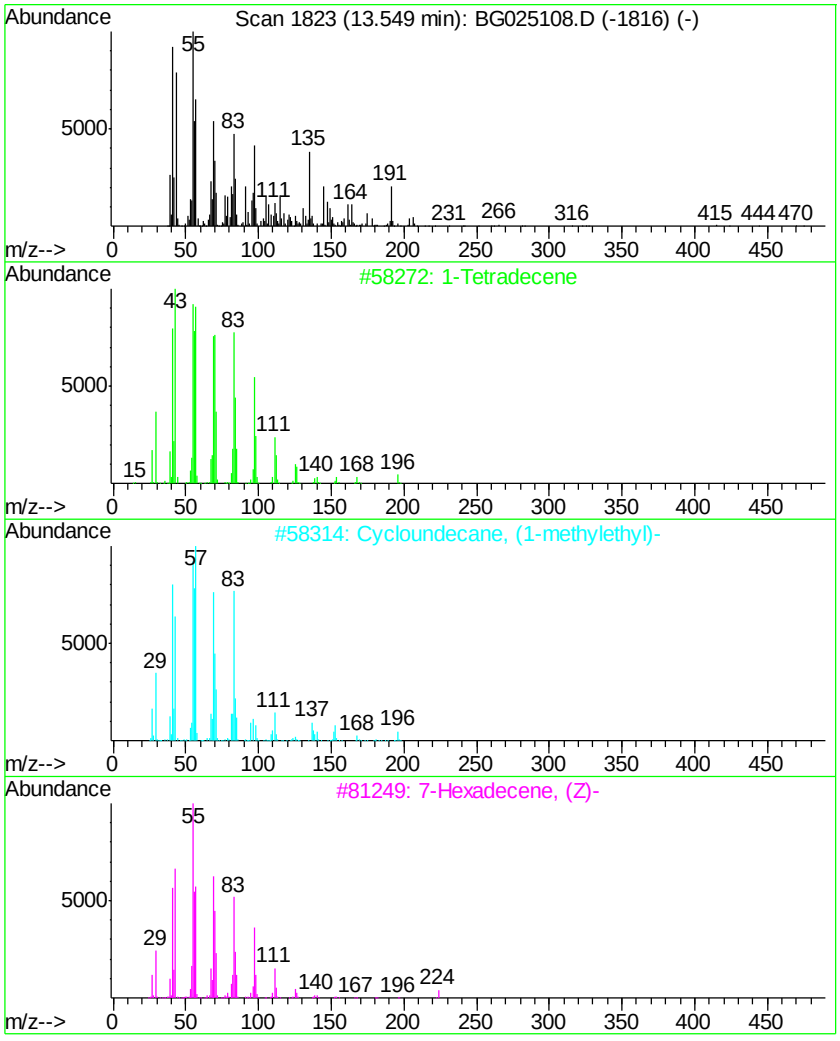
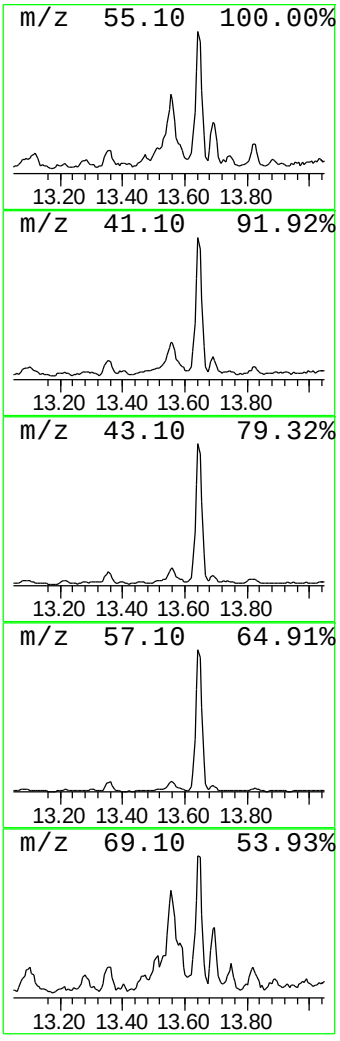
Peak Number 24 (DEL) Alkane: Cyclic13.55 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	21.46 ng/ul	2620120	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tetradecene	196	C14H28	001120-36-1	89
2	Cycloundecane, (1-methylethyl)-	196	C14H28	062338-56-1	78
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	74
4	4-Tetradecene, (E)-	196	C14H28	041446-78-0	74
5	5-Tetradecene, (E)-	196	C14H28	041446-66-6	72





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Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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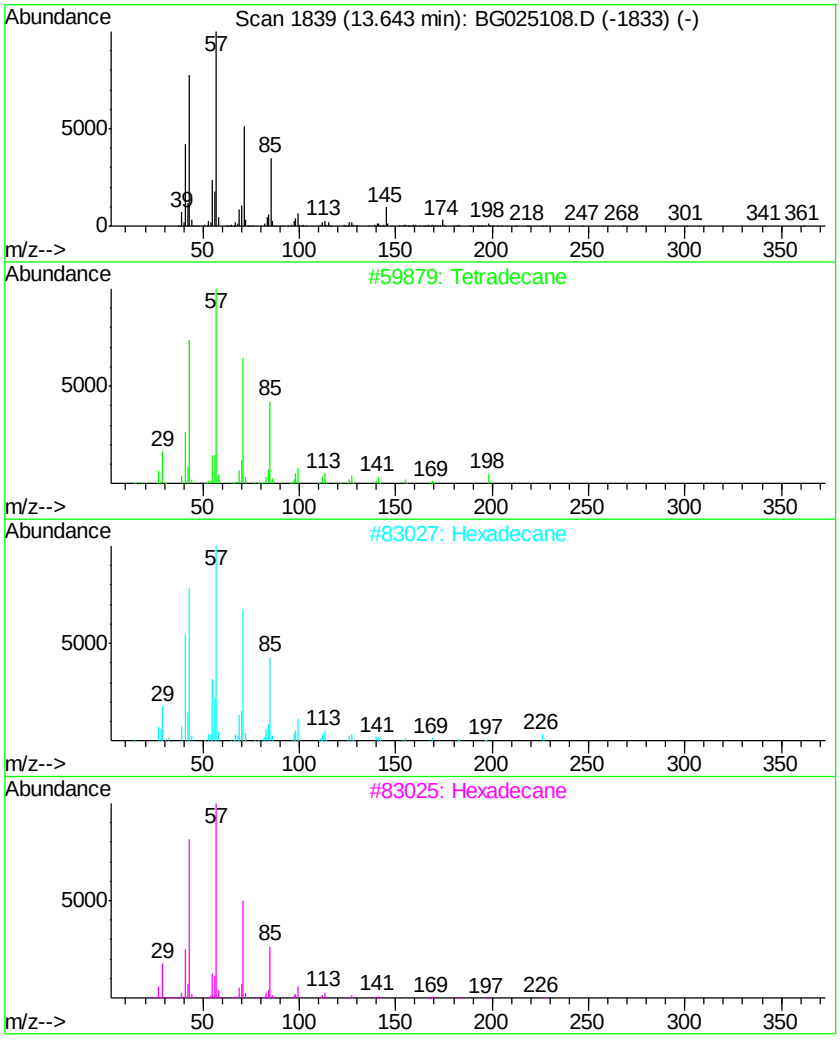
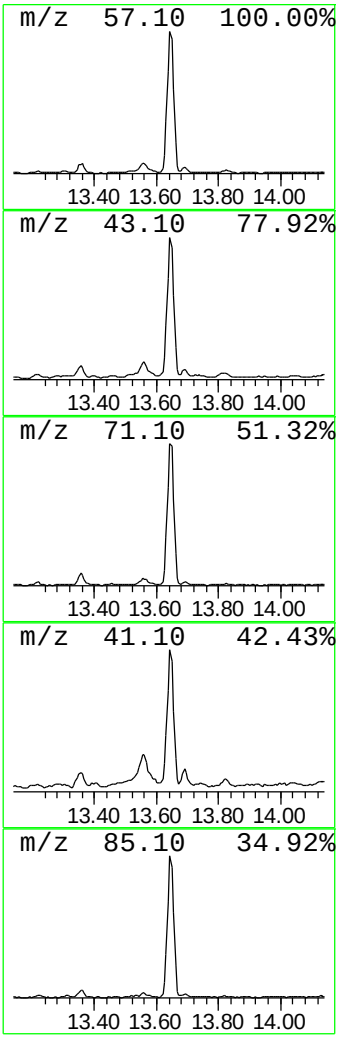
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.64	53.33 ng/ul	6510090	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	93
2	Hexadecane	226	C16H34	000544-76-3	87
3	Hexadecane	226	C16H34	000544-76-3	87
4	Undecane, 2,3-dimethyl-	184	C13H28	017312-77-5	78
5	Pentadecane	212	C15H32	000629-62-9	72





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Sample : H5863-02DL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DA7Y1DL

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Quant Title : SVOA CALIBRATION

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

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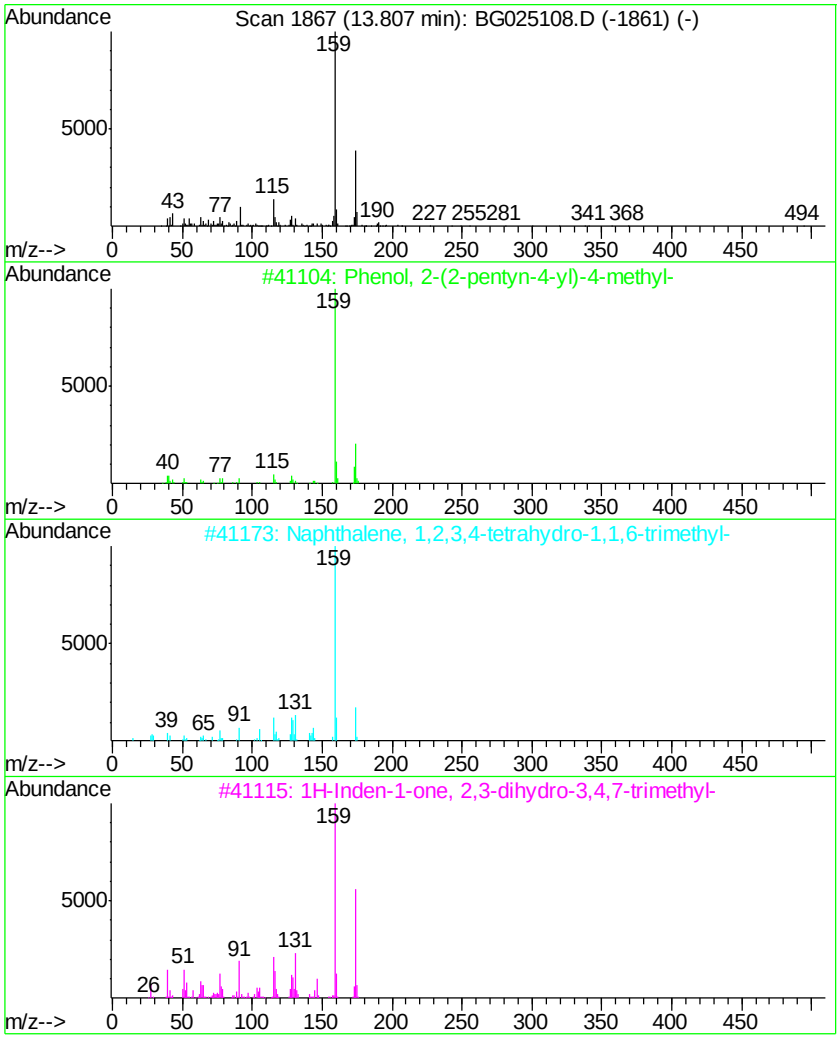
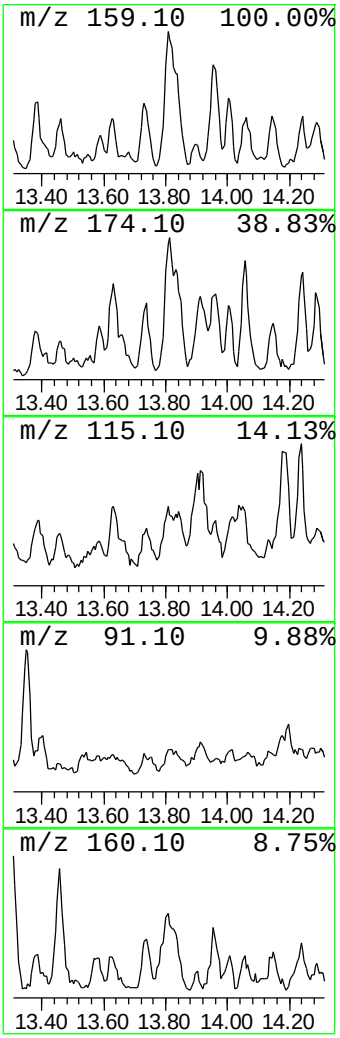
Peak Number 26 Phenol, 2-(2-pentyn-4-yl)-4... Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	18.08 ng/ul	2207180	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	86
2	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	78
3	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	78
4	Benzimidazole, 4,5,6,7-tetramethyl-	174	C11H14N2	106148-67-8	64
5	Benzene, 1,2-dichloro-4-ethyl-	174	C8H8Cl2	006623-59-2	64





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ClientSampleId : DA7Y1DL

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Quant Title : SVOA CALIBRATION

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

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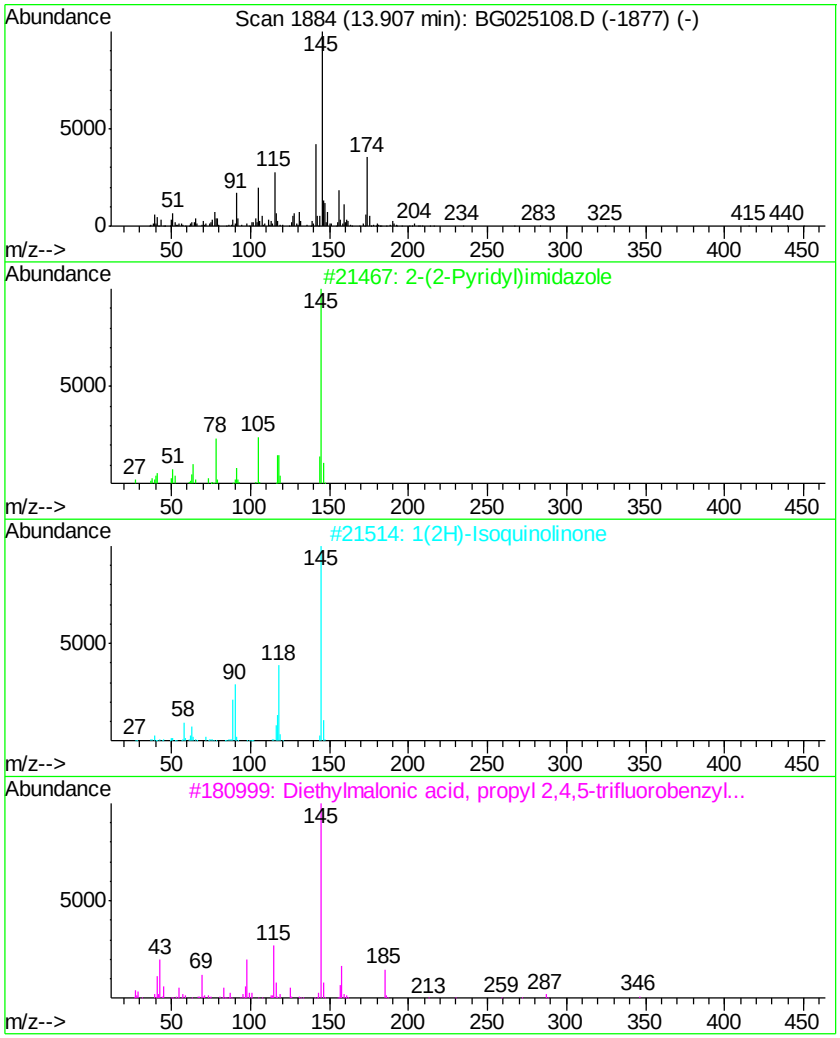
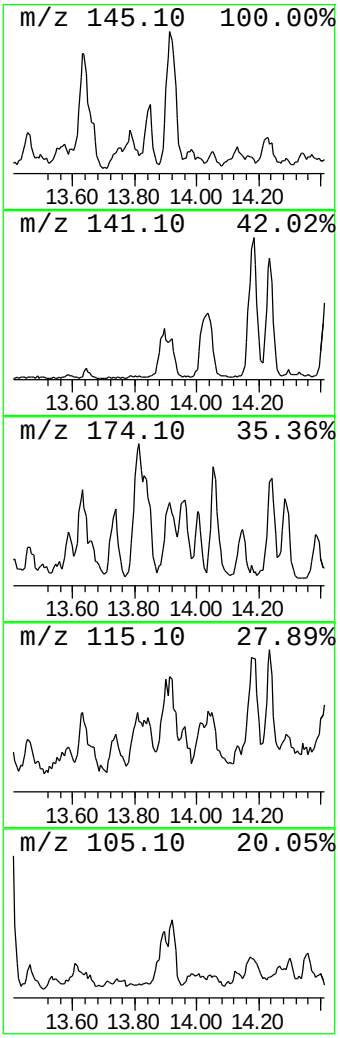
Peak Number 27 unknown-05 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.91	10.88 ng/ul	1328140	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Pyridyl)imidazole	145	C8H7N3	018653-75-3	43
2	1(2H)-Isoquinolinone	145	C9H7NO	000491-30-5	38
3	Diethylmalonic acid, propyl 2,4,...	346	C17H21F3O4	1000369-25-5	37
4	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	37
5	Oxazole, 5-phenyl-	145	C9H7NO	001006-68-4	37





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Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

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Quant Title : SVOA CALIBRATION

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

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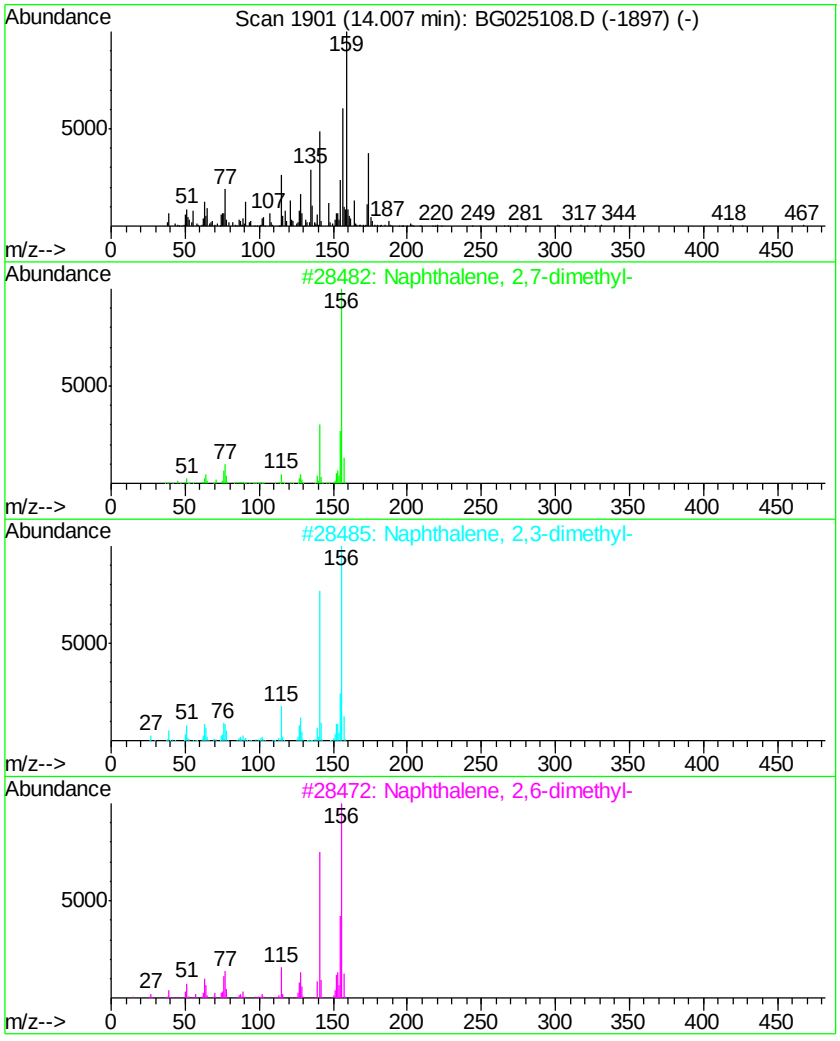
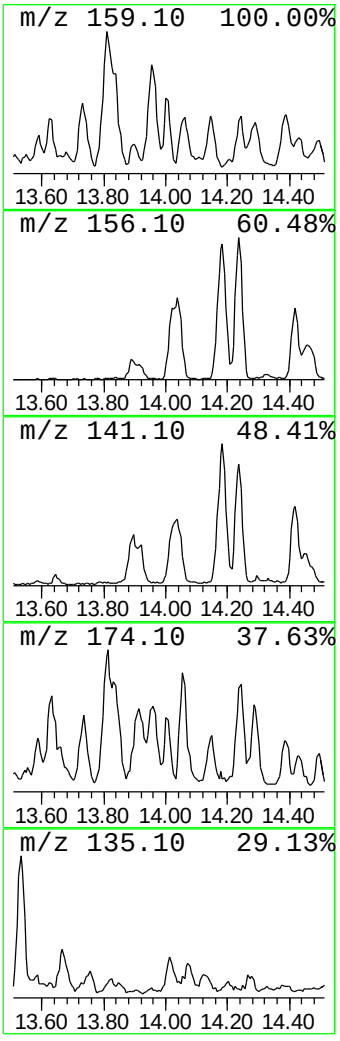
Peak Number 28 Naphthalene, 2,7-dimethyl- Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	10.40 ng/ul	1269660	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	92
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	91
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	91





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Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

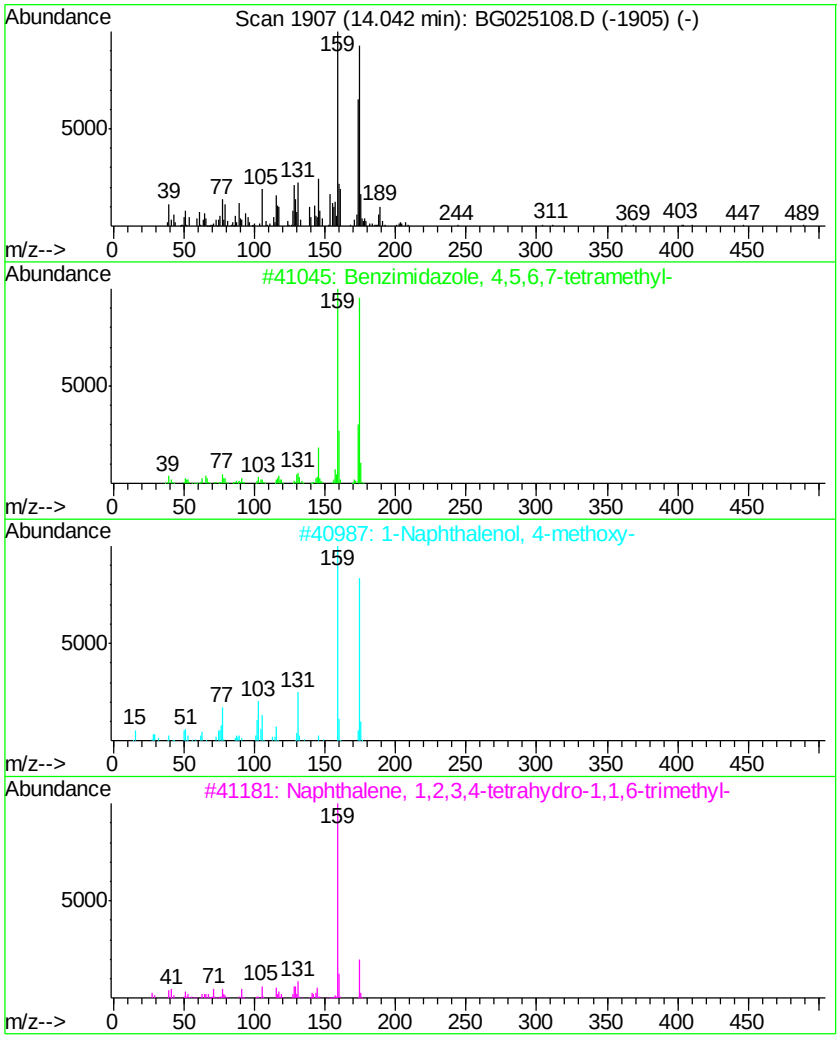
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

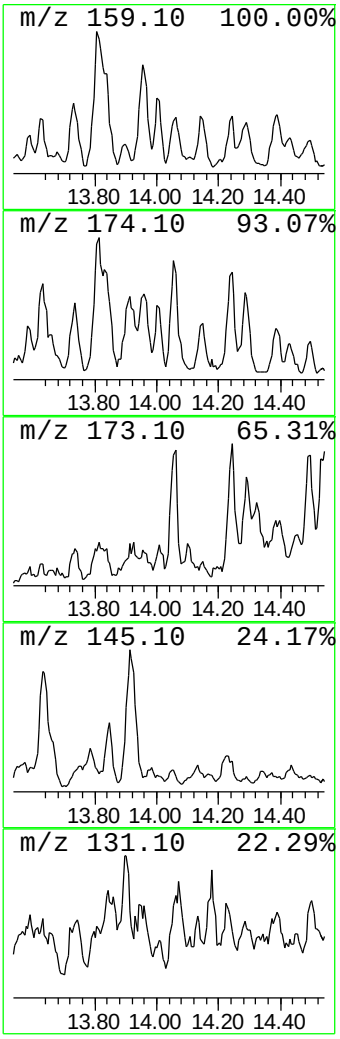
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benzimidazole, 4,5,6,7-tetr... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	11.62 ng/ul	1418320	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzimidazole, 4,5,6,7-tetramethyl-	174	C11H14N2	106148-67-8	76
2	1-Naphthalenol, 4-methoxy-	174	C11H10O2	000084-85-5	58
3	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	52
4	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	52
5	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	50





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Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

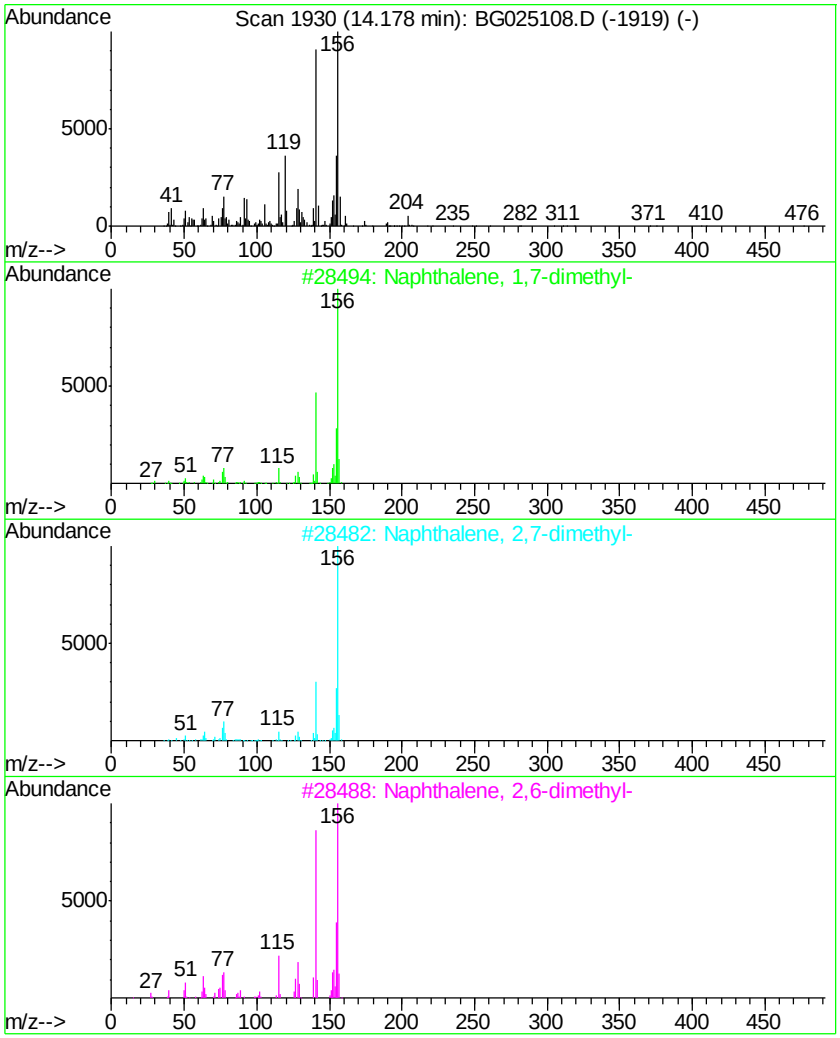
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

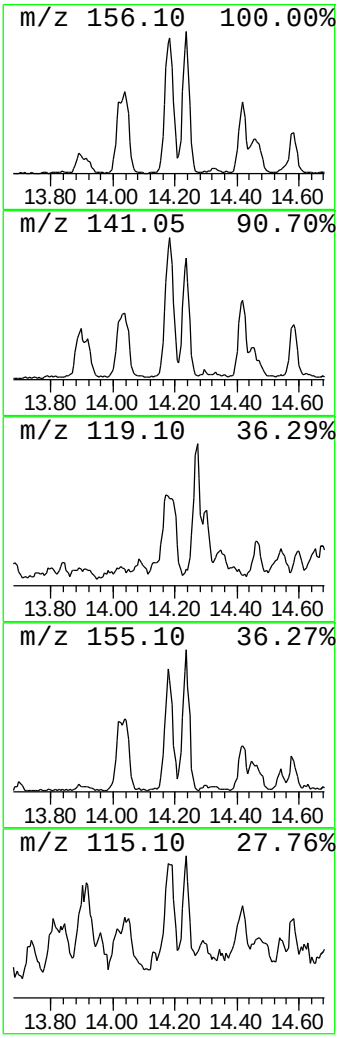
****

Peak Number 30 Naphthalene, 1,7-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.18	33.05 ng/ul	4034690	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

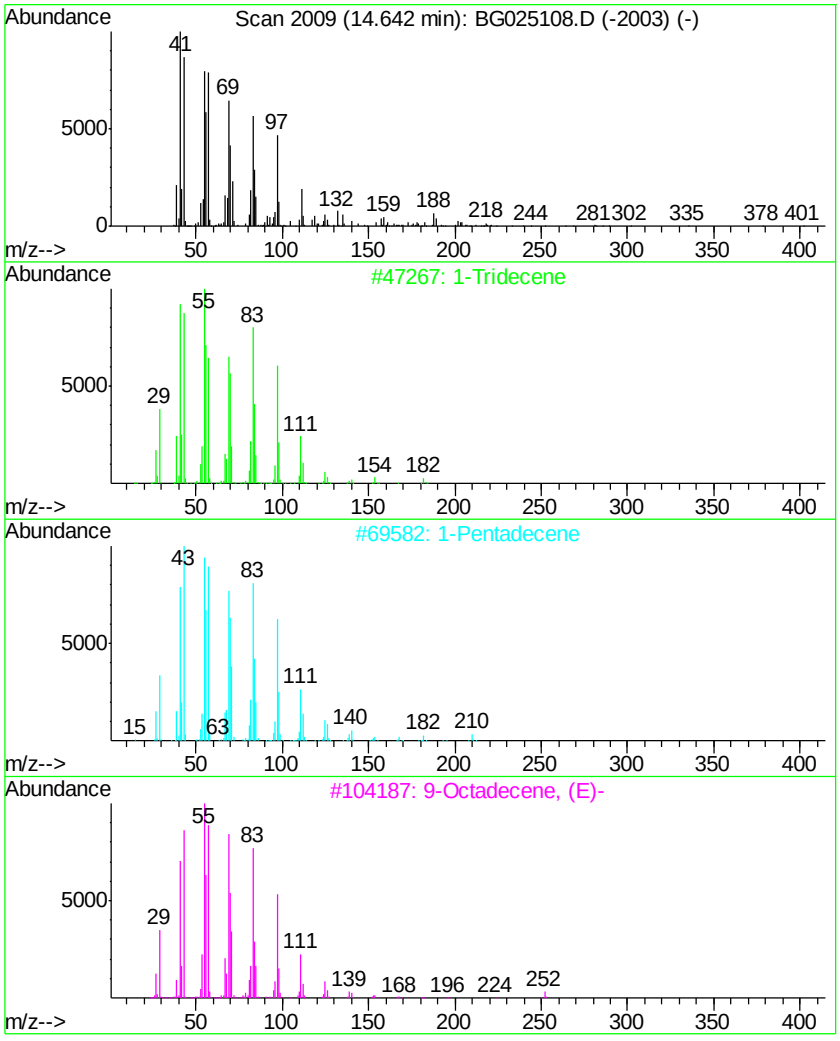
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

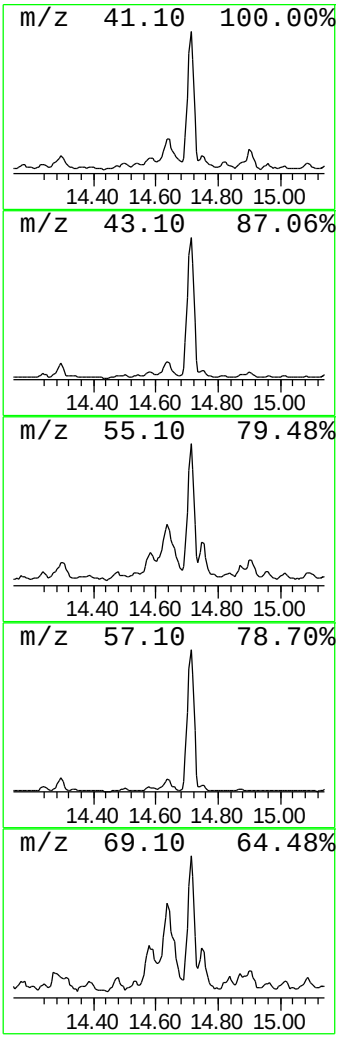
****

Peak Number 31 (DEL) Alkane: Cyclic14.64 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.64	18.38 ng/ul	2243710	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	97
2	1-Pentadecene	210	C15H30	013360-61-7	96
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	93
4	Cyclodecane, methyl-	154	C11H22	013151-43-4	90
5	Cyclopentadecane	210	C15H30	000295-48-7	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

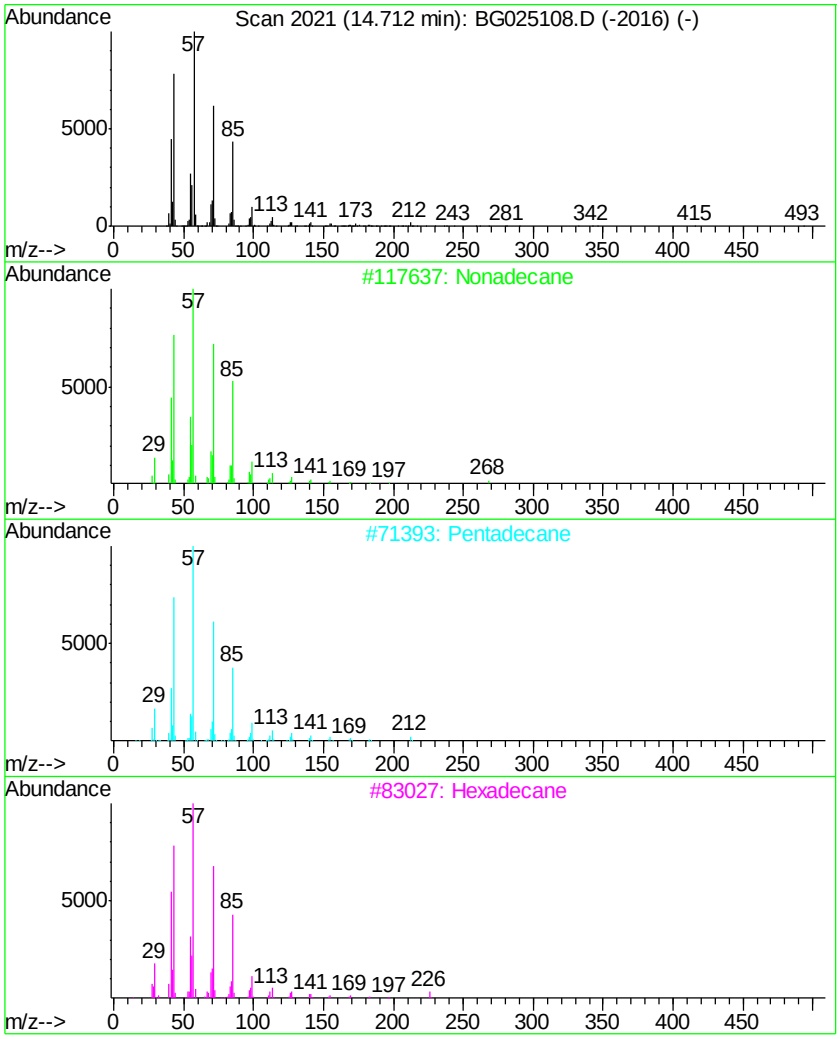
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

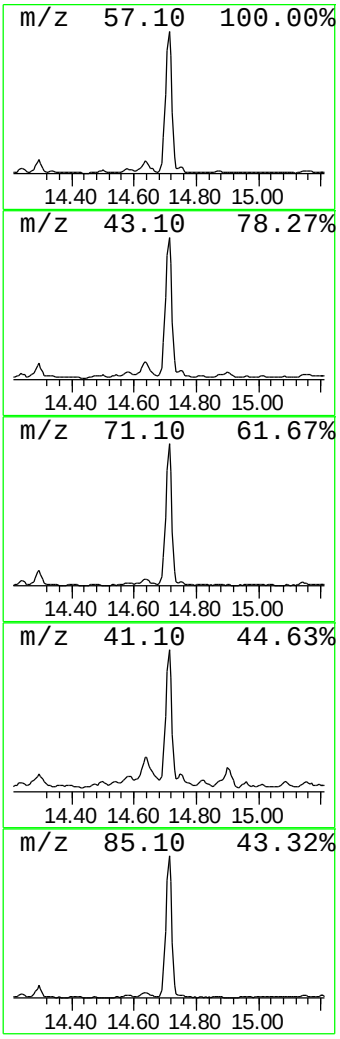
****

Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	85.59 ng/ul	10447500	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Pentadecane	212	C15H32	000629-62-9	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

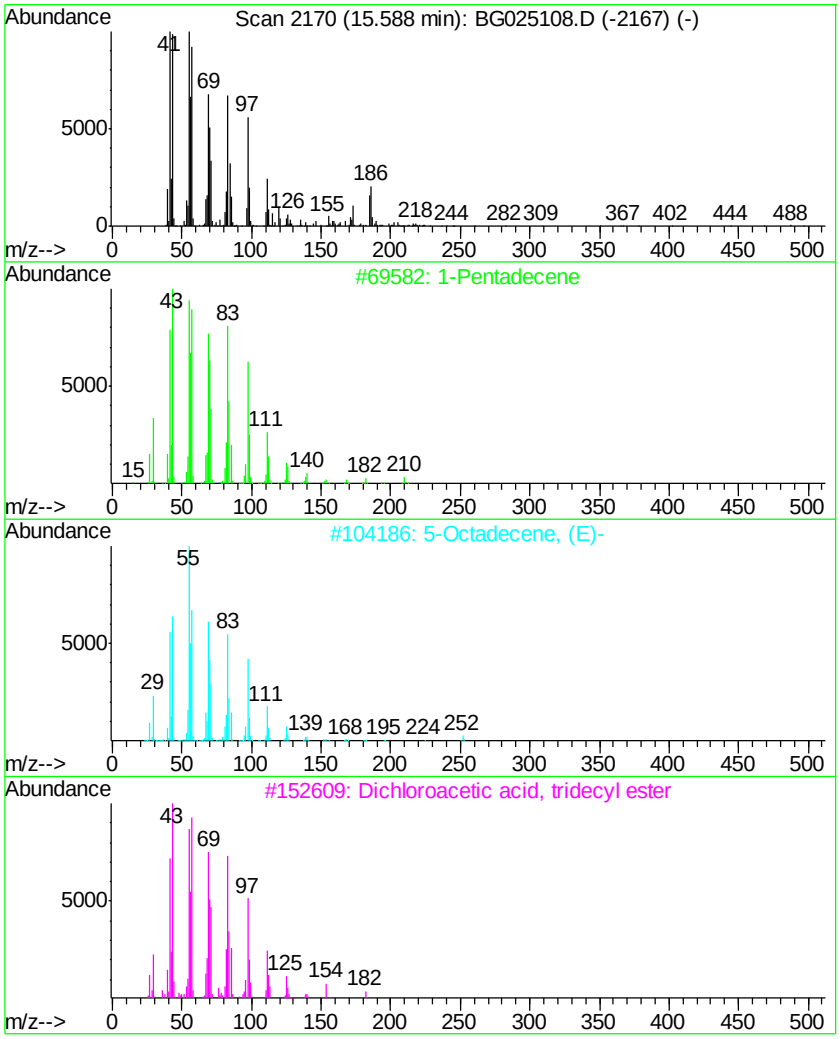
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

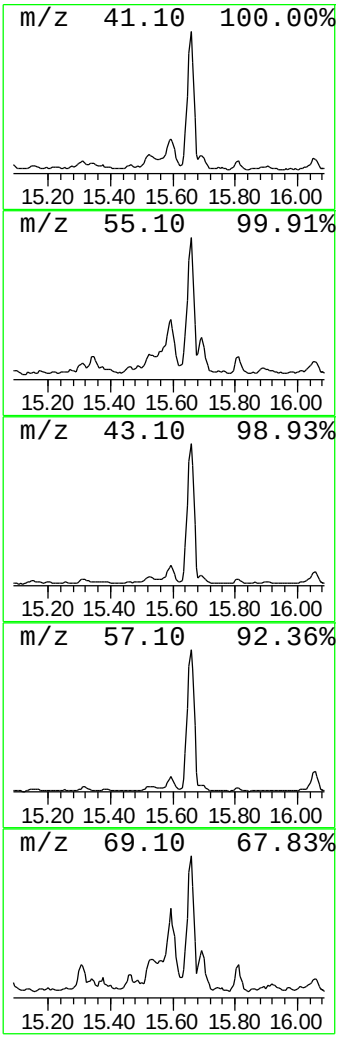
****

Peak Number 37 (DEL) Alkane: Cyclic15.59 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.59	46.80 ng/ul	5713170	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	87
2	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
3	Dichloroacetic acid, tridecyl ester	310	C15H28Cl2O2	1000280-48-3	87
4	1-Nonadecene	266	C19H38	018435-45-5	83
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	83





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

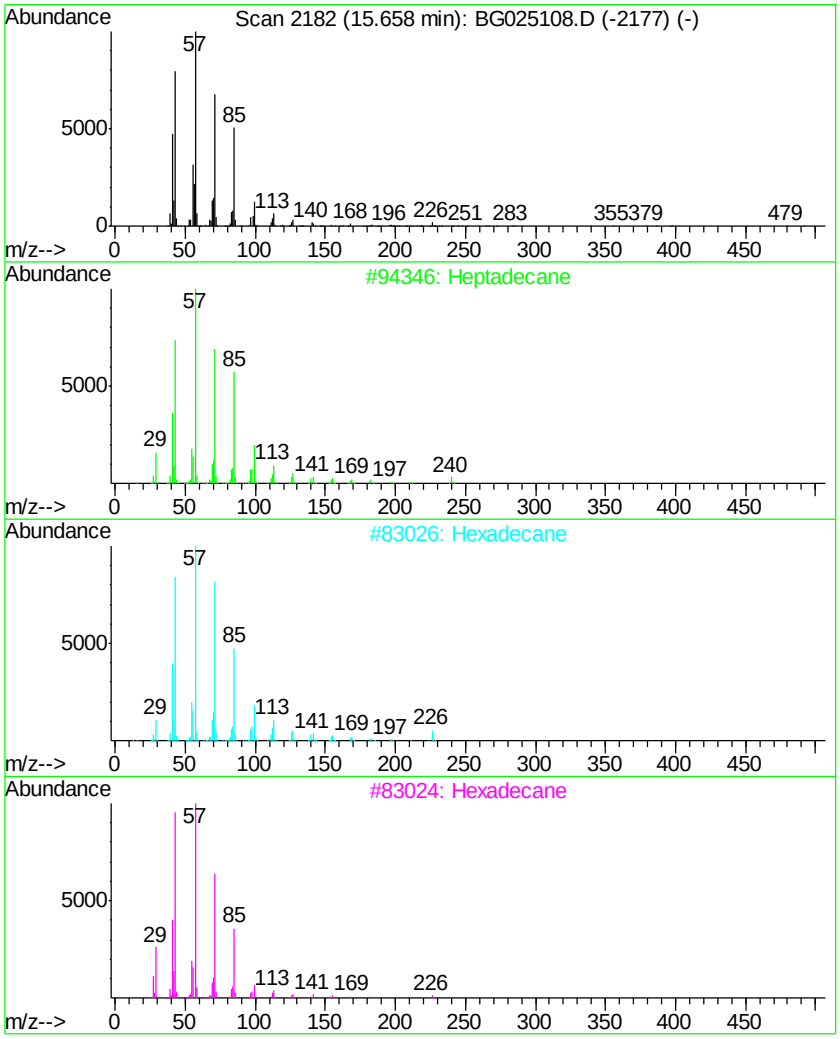
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

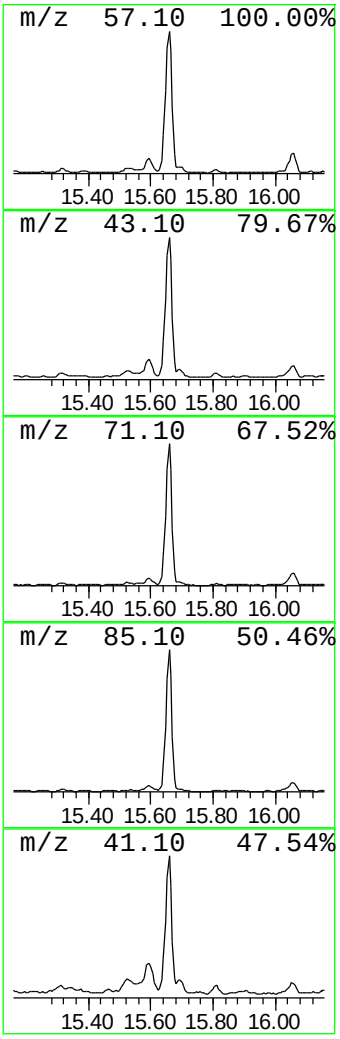
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 38 (DEL) Alkane: Straight-Chai... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	137.57 ng/ul	16793300	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Hexadecane	226	C16H34	000544-76-3	92
4	Nonadecane	268	C19H40	000629-92-5	87
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

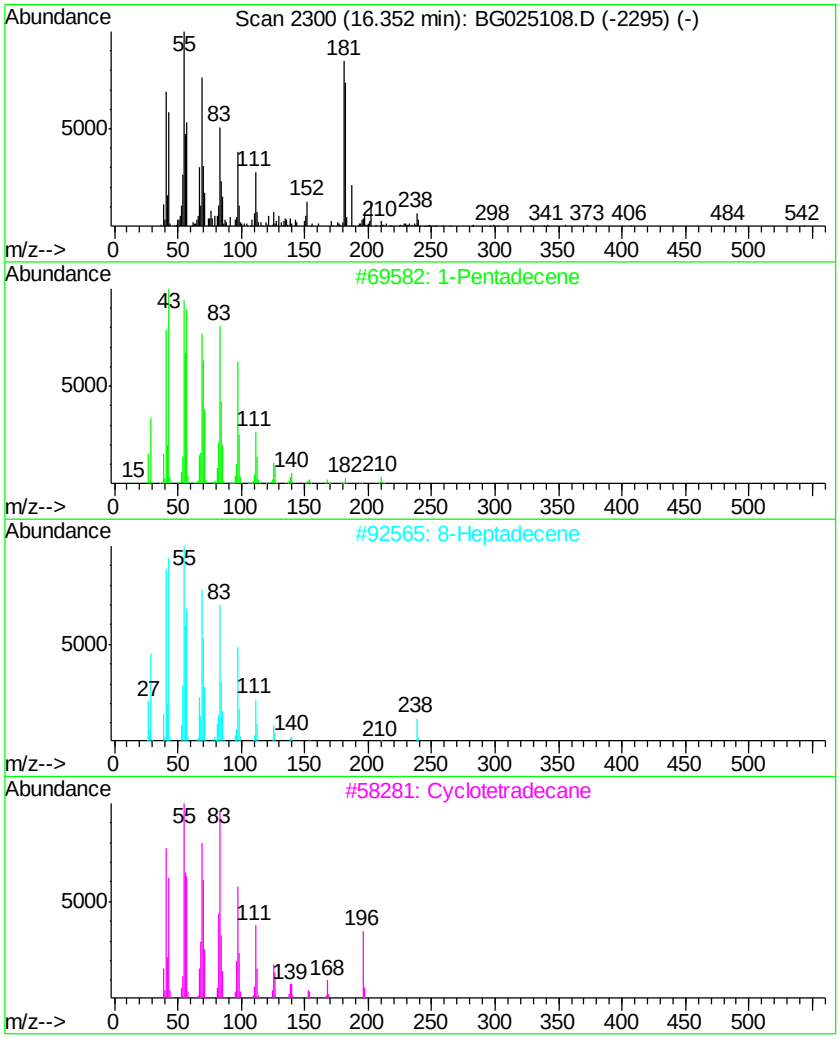
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

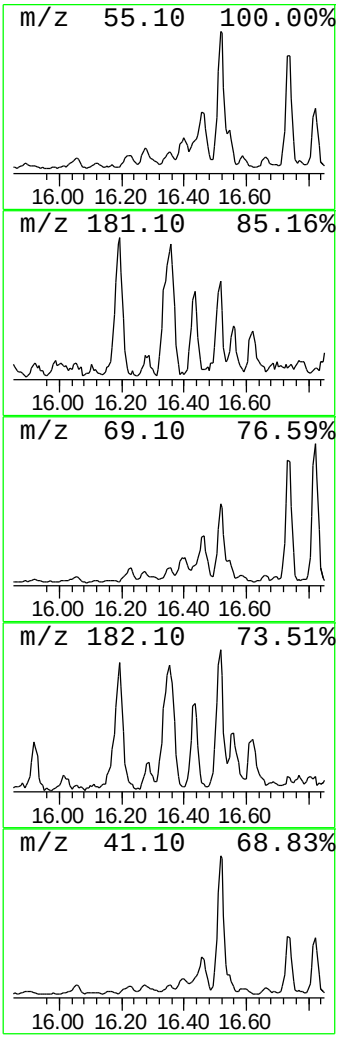
****

Peak Number 42 (DEL) Alkane: Cyclic16.35 Concentration Rank 75

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.35	6.54 ng/ul	1235430	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	59
2	8-Heptadecene	238	C17H34	002579-04-6	55
3	Cyclotetradecane	196	C14H28	000295-17-0	49
4	Cyclopropane, 1-methyl-1-(2-meth...	238	C17H34	041977-41-7	46
5	1-Tetradecene	196	C14H28	001120-36-1	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

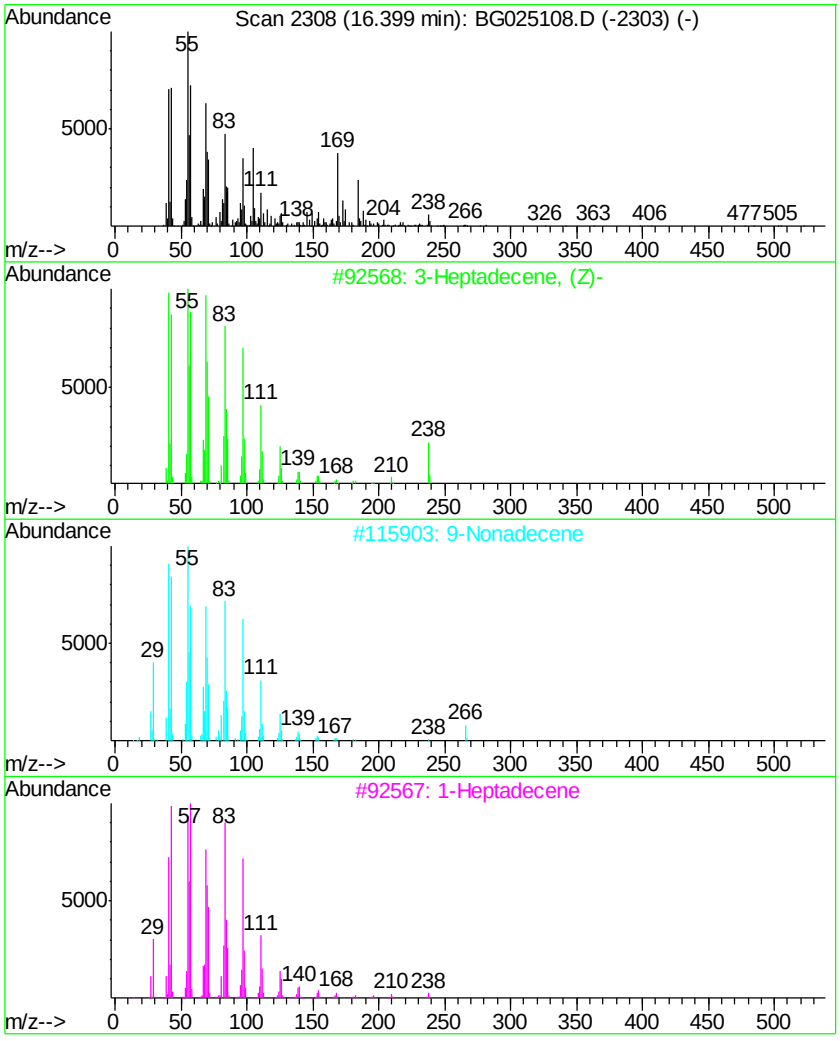
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

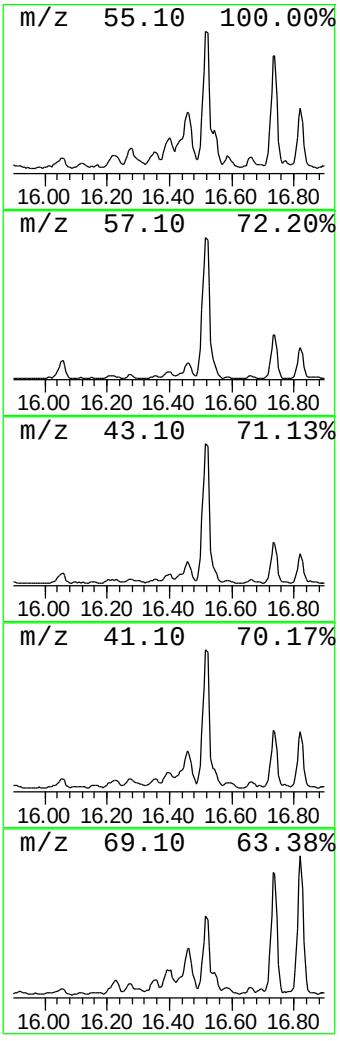
****

Peak Number 43 (DEL) Alkane: Cyclic16.40 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.40	10.94 ng/ul	2066850	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptadecene, (Z)-	238	C17H34	1000141-67-3	97
2	9-Nonadecene	266	C19H38	031035-07-1	96
3	1-Heptadecene	238	C17H34	006765-39-5	95
4	8-Heptadecene	238	C17H34	002579-04-6	95
5	Cyclododecane	168	C12H24	000294-62-2	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

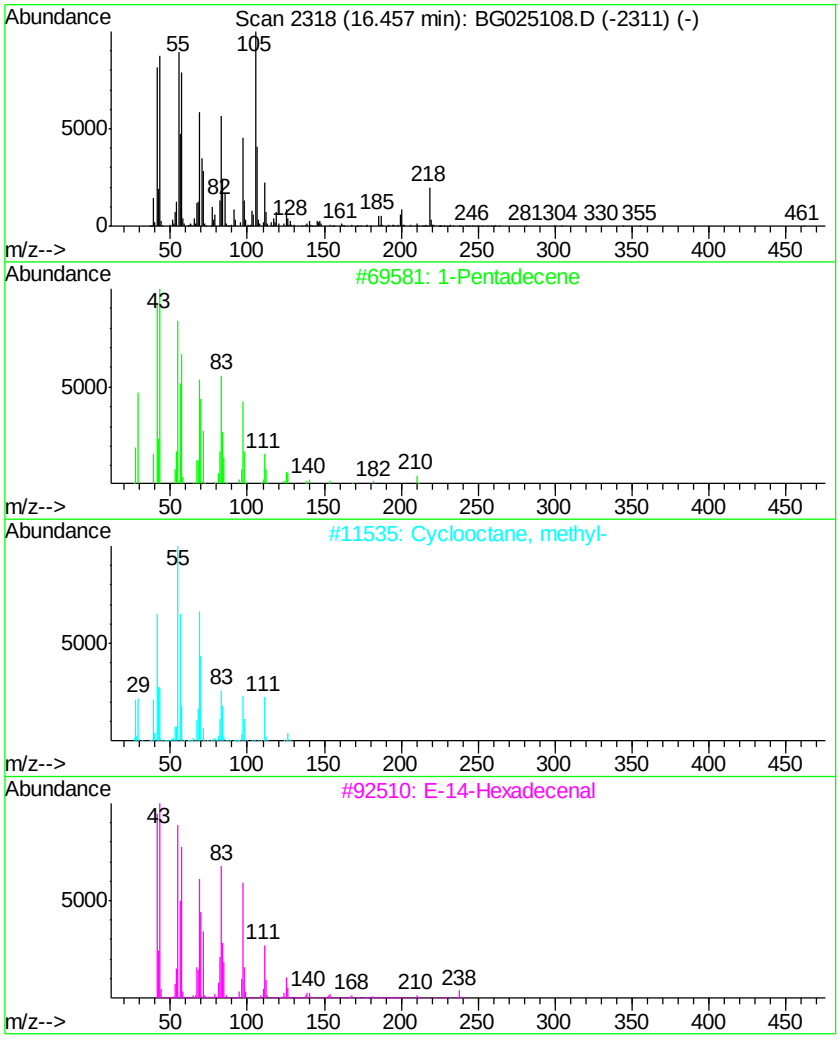
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

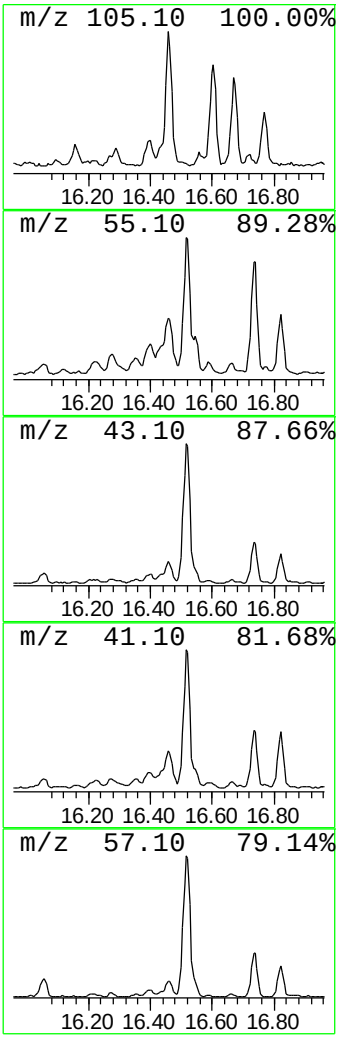
****

Peak Number 44 (DEL) Alkane: Cyclic16.46 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.46	34.12 ng/ul	6448440	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentadecene	210	C15H30	013360-61-7	91
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	70
3	E-14-Hexadecenal	238	C16H30O	330207-53-9	70
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	70
5	1-Hexadecanol	242	C16H34O	036653-82-4	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

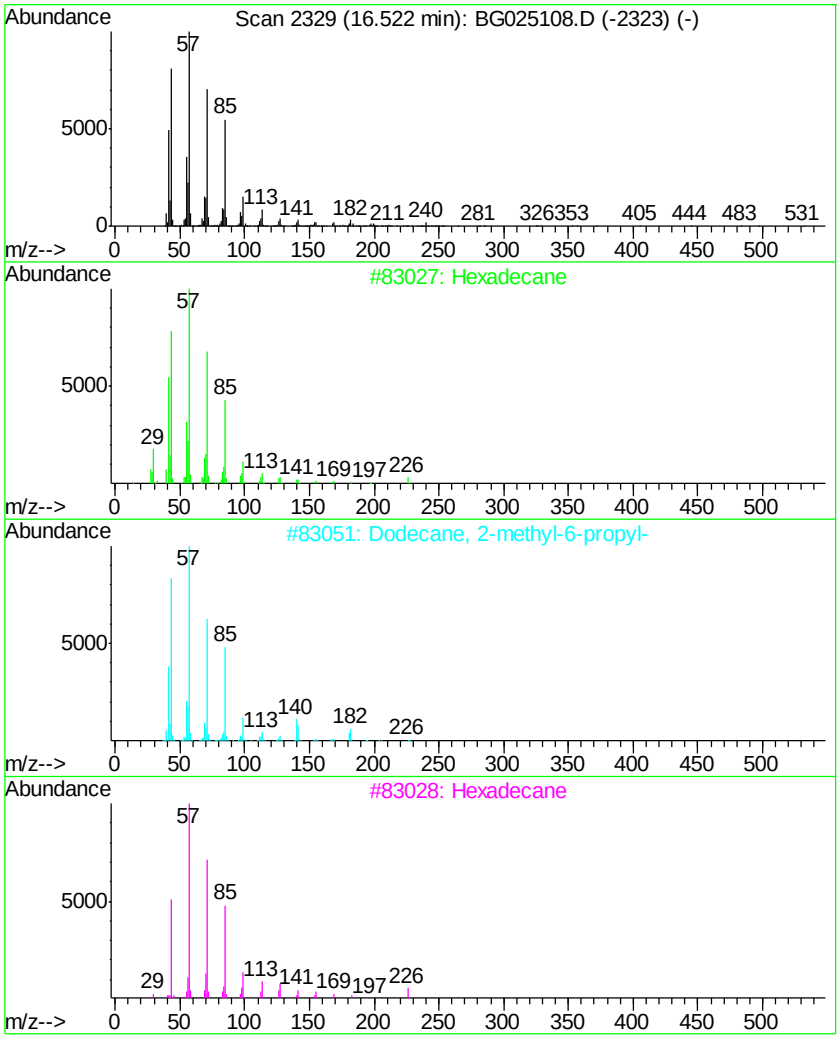
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

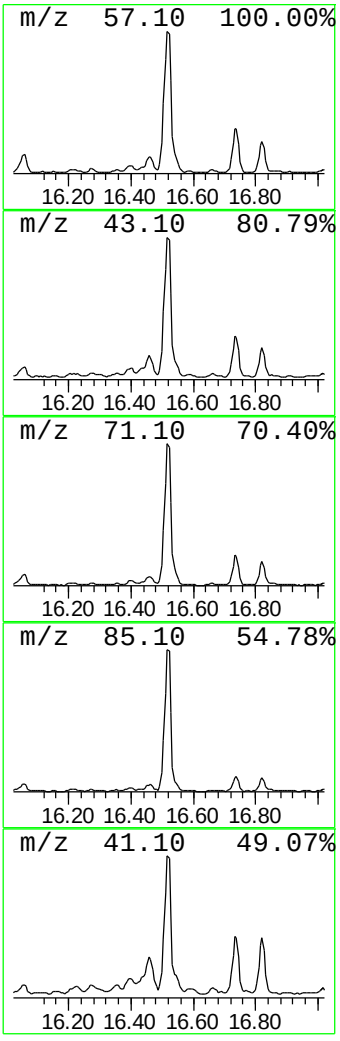
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.52	93.61 ng/ul	17688600	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	87
5	Tridecane	184	C13H28	000629-50-5	87





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Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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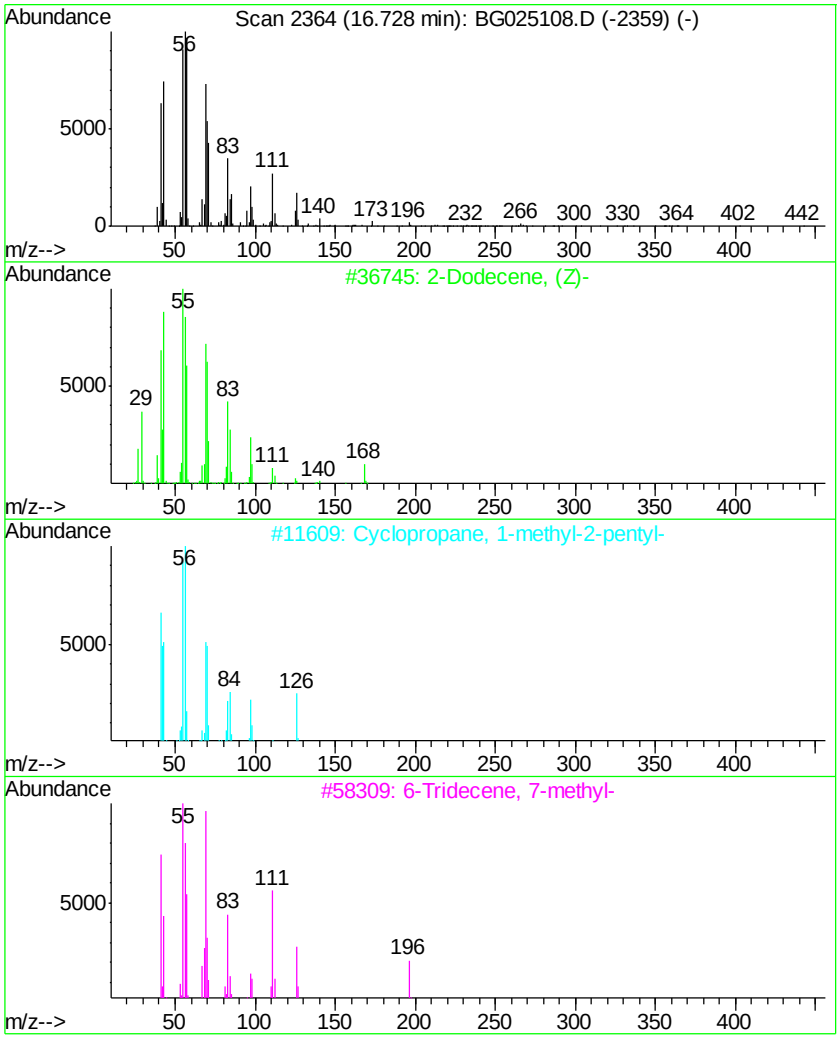
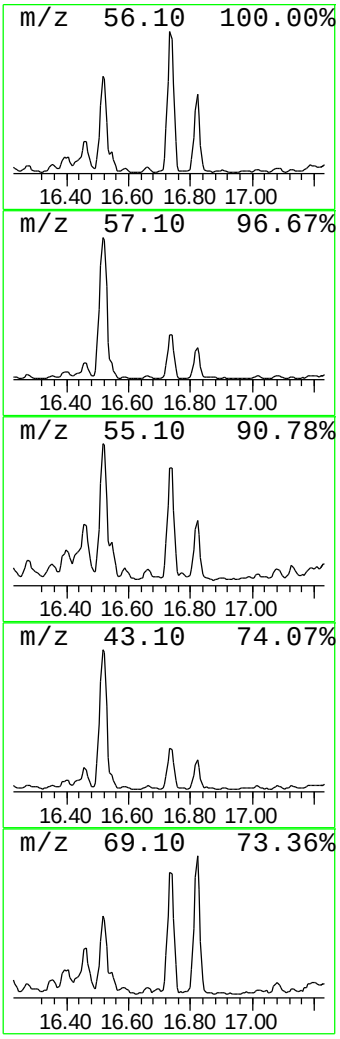
Peak Number 48 (DEL) Alkane: Cyclic16.73 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	47.51 ng/ul	8977790	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dodecene, (Z)-	168	C12H24	007206-26-0	64
2	Cyclopropane, 1-methyl-2-pentyl-	126	C9H18	041977-37-1	55
3	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	53
4	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	49
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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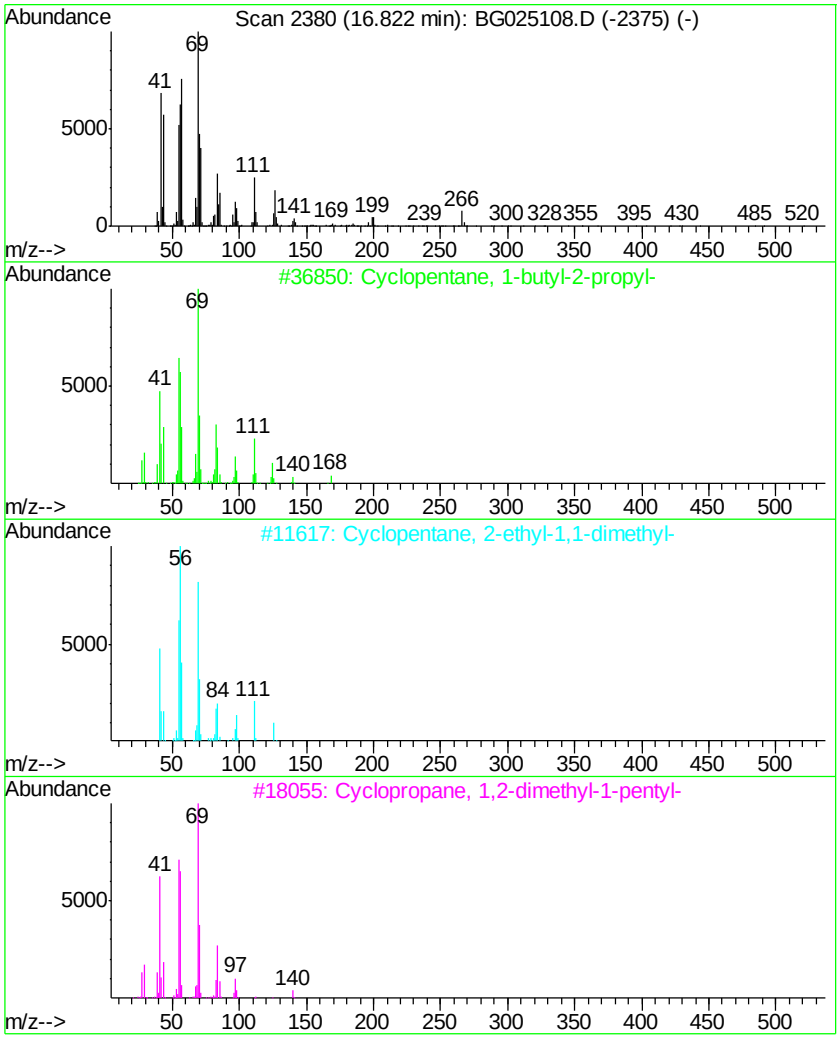
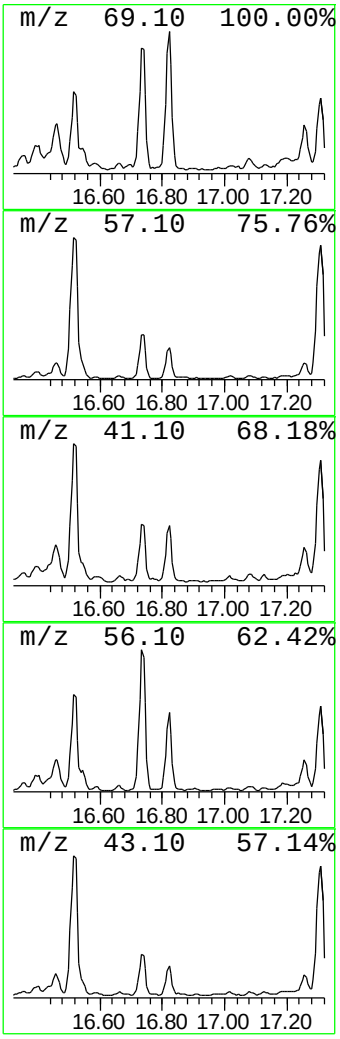
Peak Number 49 (DEL) Alkane: Cyclic16.82 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	31.15 ng/ul	5886700	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-butyl-2-propyl-	168	C12H24	062199-50-2	58
2	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	53
3	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	49
4	Cyclopentane, (3-methylbutyl)-	140	C10H20	001005-68-1	49
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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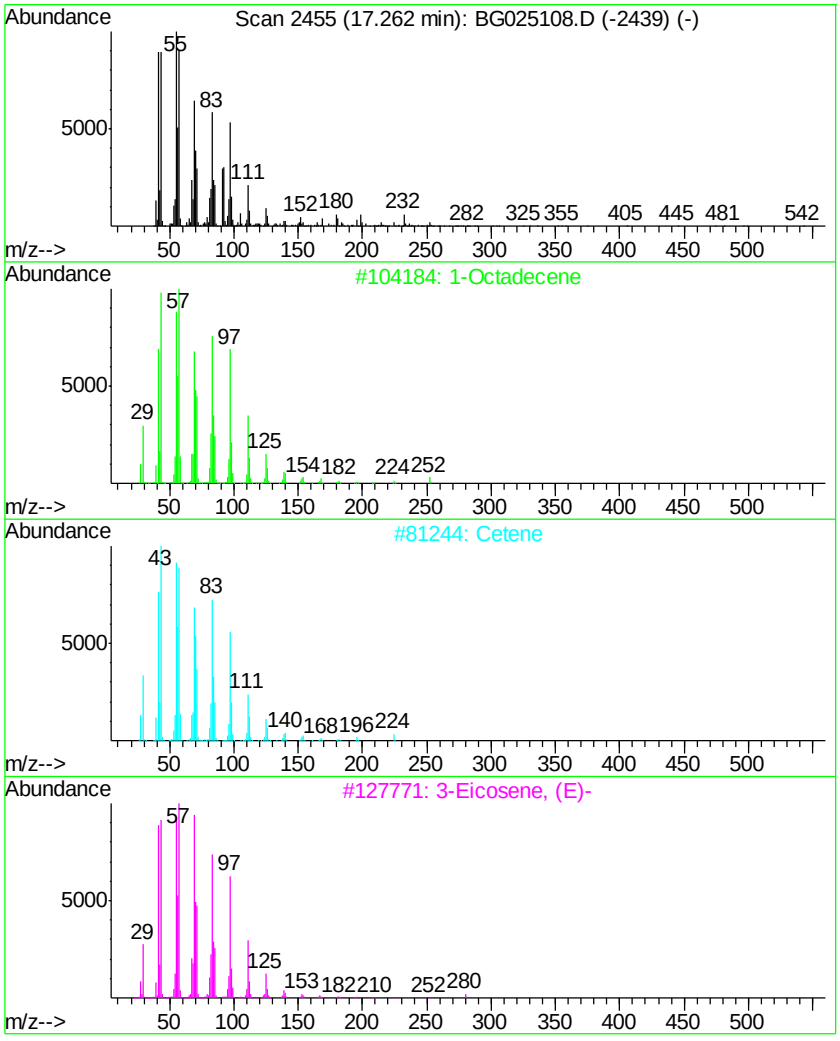
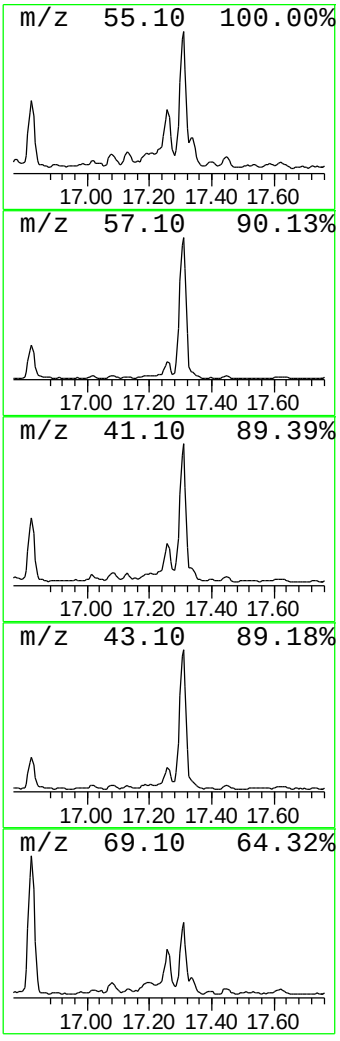
Peak Number 51 (DEL) Alkane: Cyclic17.26 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.26	35.78 ng/ul	6761470	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	98
2	Cetene	224	C16H32	000629-73-2	96
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	95
4	Z-8-Hexadecene	224	C16H32	1000130-87-5	94
5	Dichloroacetic acid, 4-hexadecyl...	352	C18H34Cl2O2	1000282-98-1	94





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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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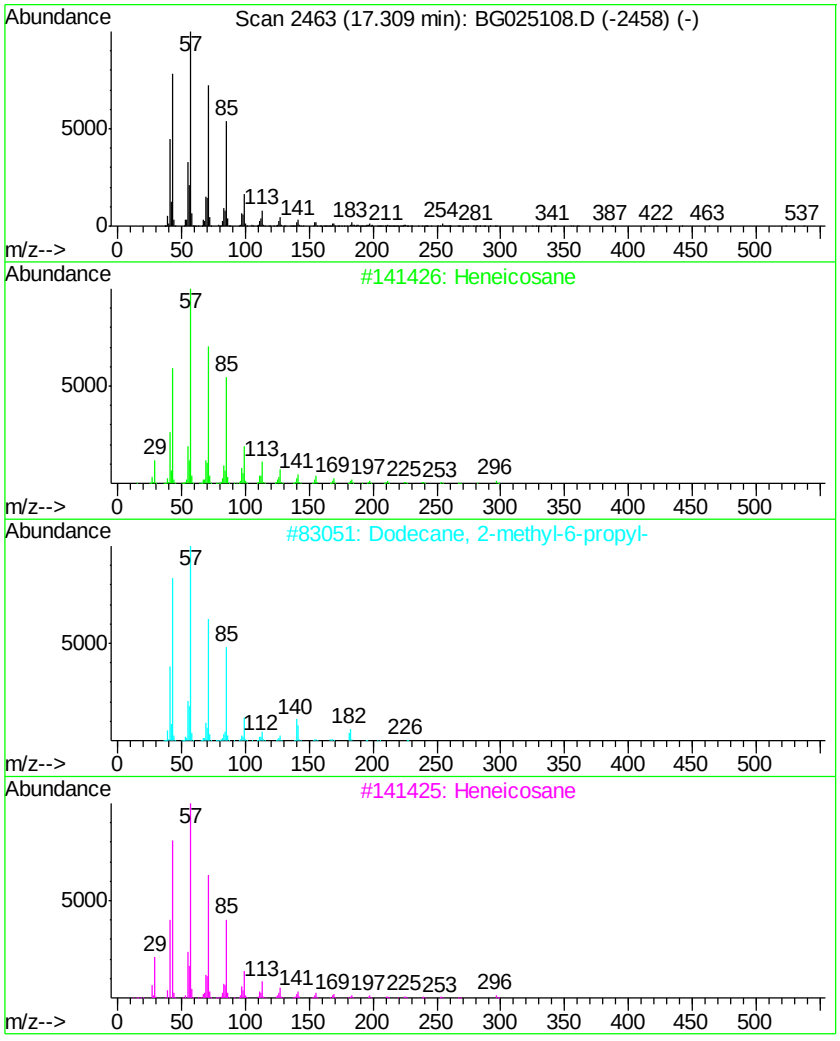
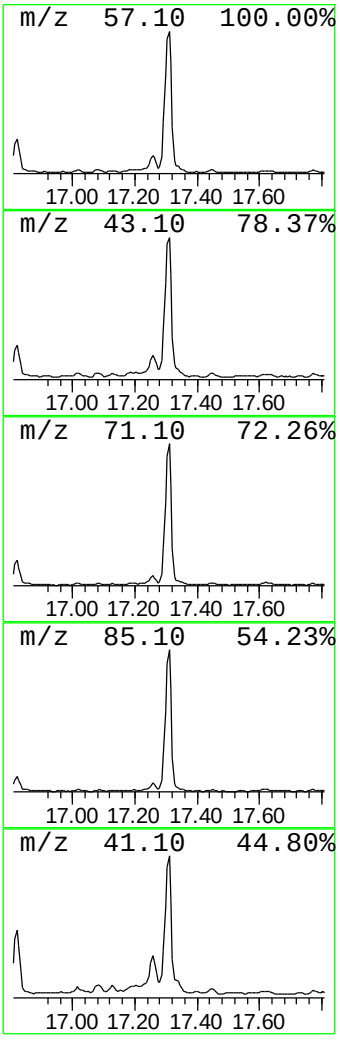
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	93.32 ng/ul	17634900	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	94
3	Heneicosane	296	C21H44	000629-94-7	93
4	Nonadecane	268	C19H40	000629-92-5	91
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	91





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Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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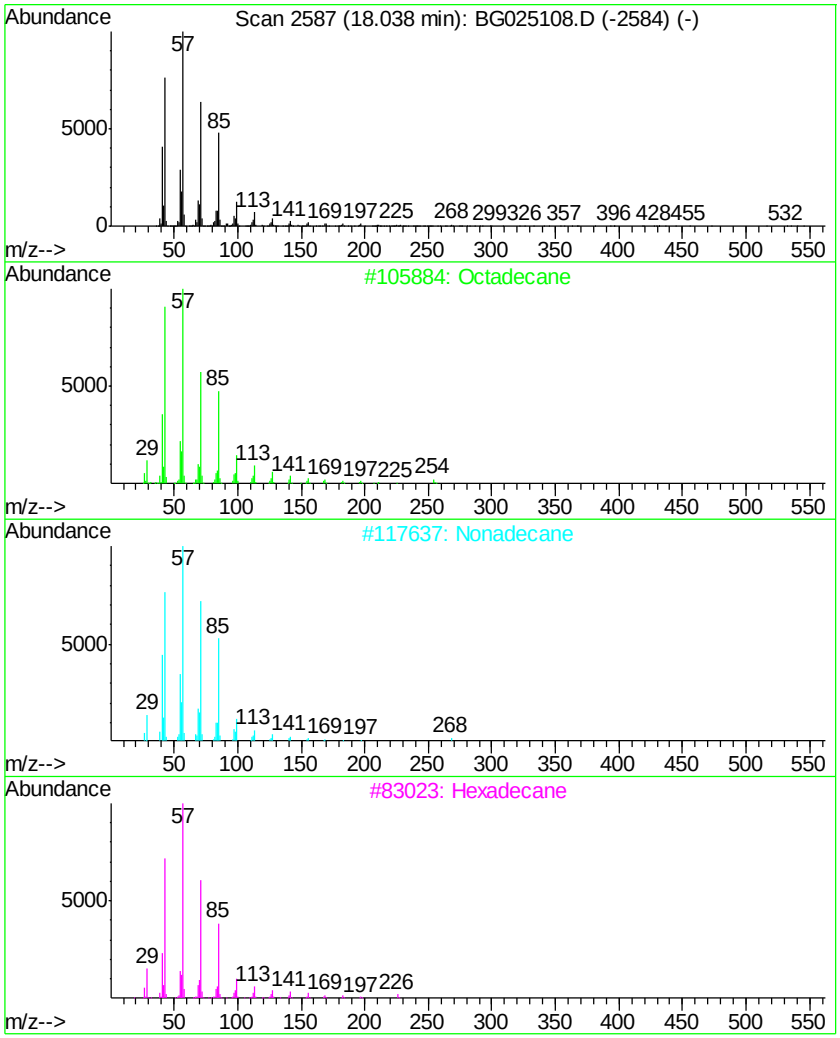
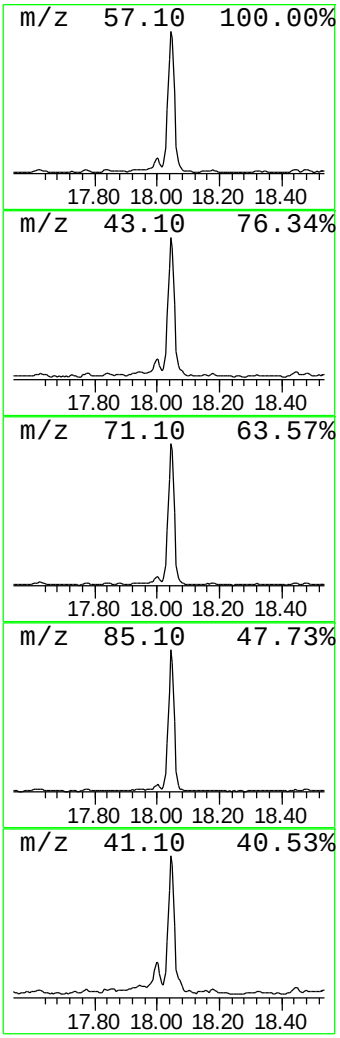
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	86.61 ng/ul	16366300	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	91
2	Nonadecane	268	C19H40	000629-92-5	91
3	Hexadecane	226	C16H34	000544-76-3	91
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	91
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	90





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Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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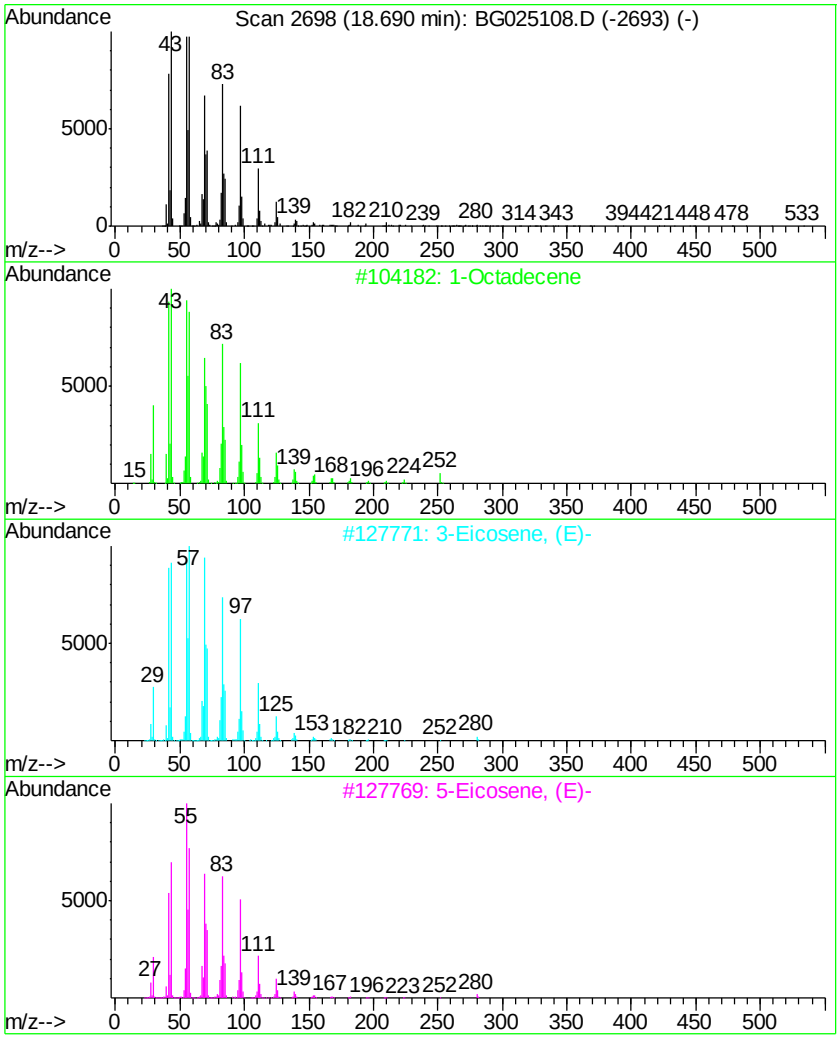
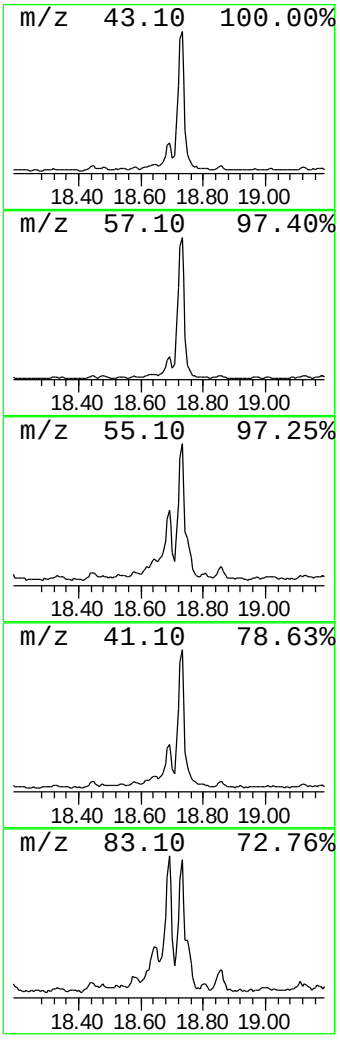
Peak Number 57 (DEL) Alkane: Cyclic18.69 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.69	14.76 ng/ul	2788480	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	5-Eicosene, (E)-	280	C20H40	074685-30-6	94
4	Cycloeicosane	280	C20H40	000296-56-0	94
5	Pentafluoropropionic acid, tride...	346	C16H27F5O2	959261-22-4	91





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Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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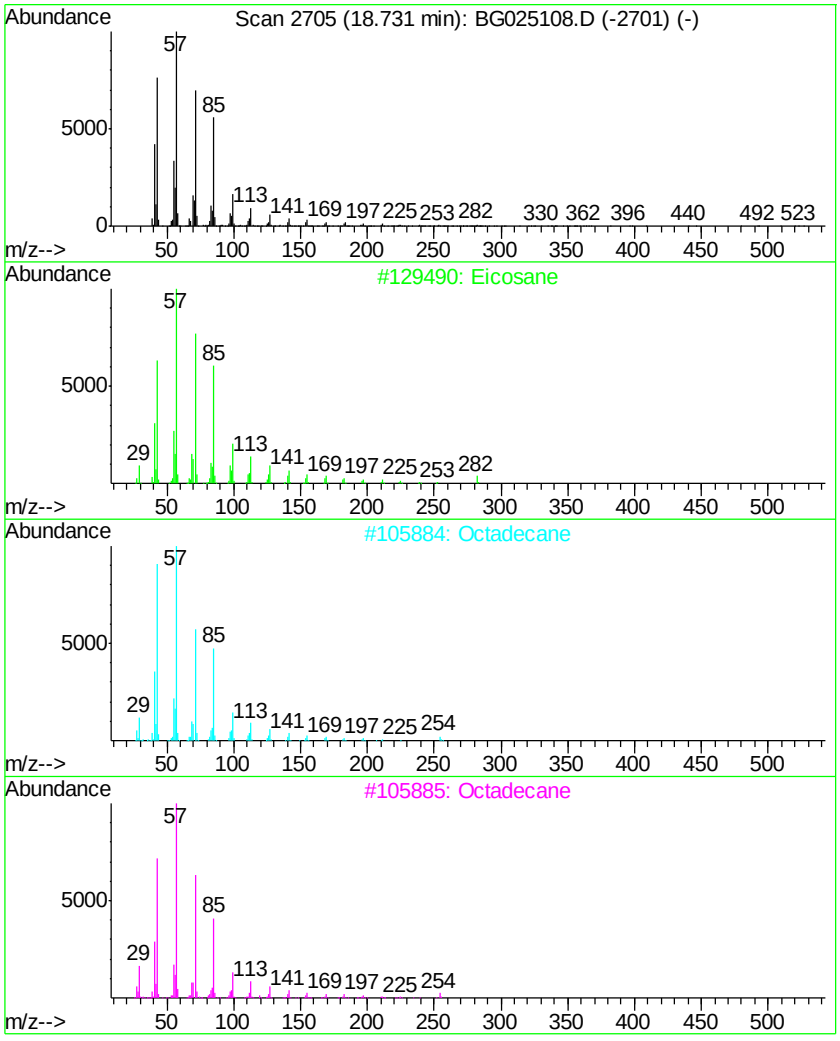
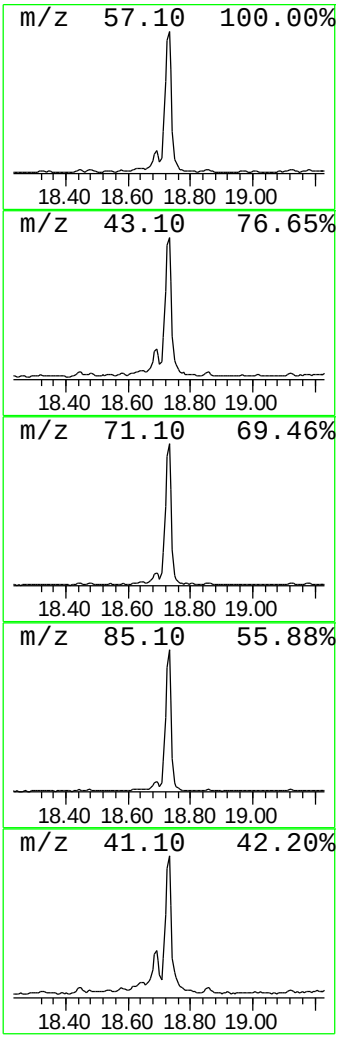
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	79.91 ng/ul	15100000	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Octadecane	254	C18H38	000593-45-3	95
3	Octadecane	254	C18H38	000593-45-3	94
4	Nonadecane	268	C19H40	000629-92-5	91
5	Heneicosane	296	C21H44	000629-94-7	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

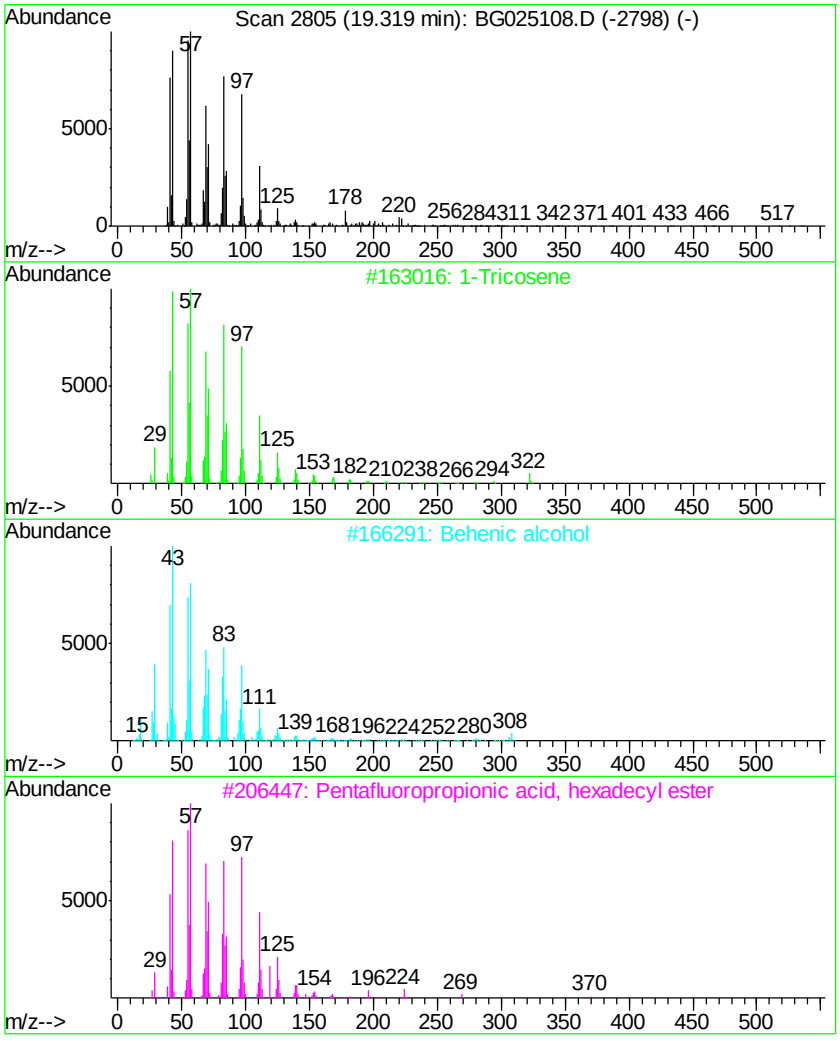
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

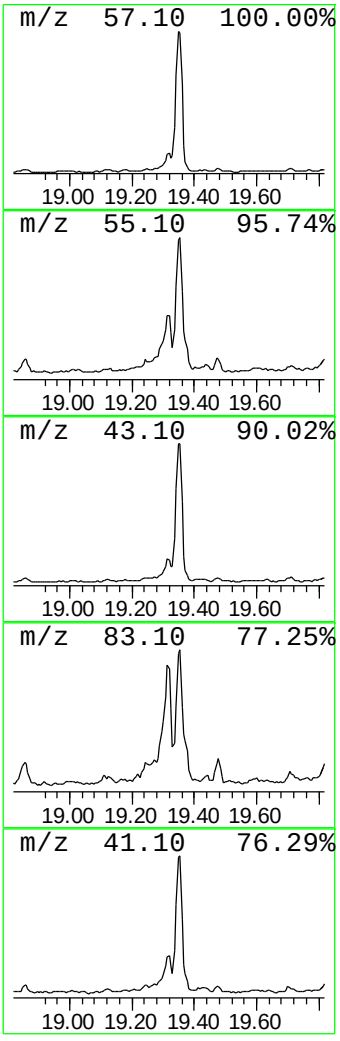
****

Peak Number 59 (DEL) Alkane: Cyclic19.32 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.32	15.54 ng/ul	2936900	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	86
2	Behenic alcohol	326	C22H46O	000661-19-8	86
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	86
4	Octacosanol	410	C28H58O	000557-61-9	86
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	86





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

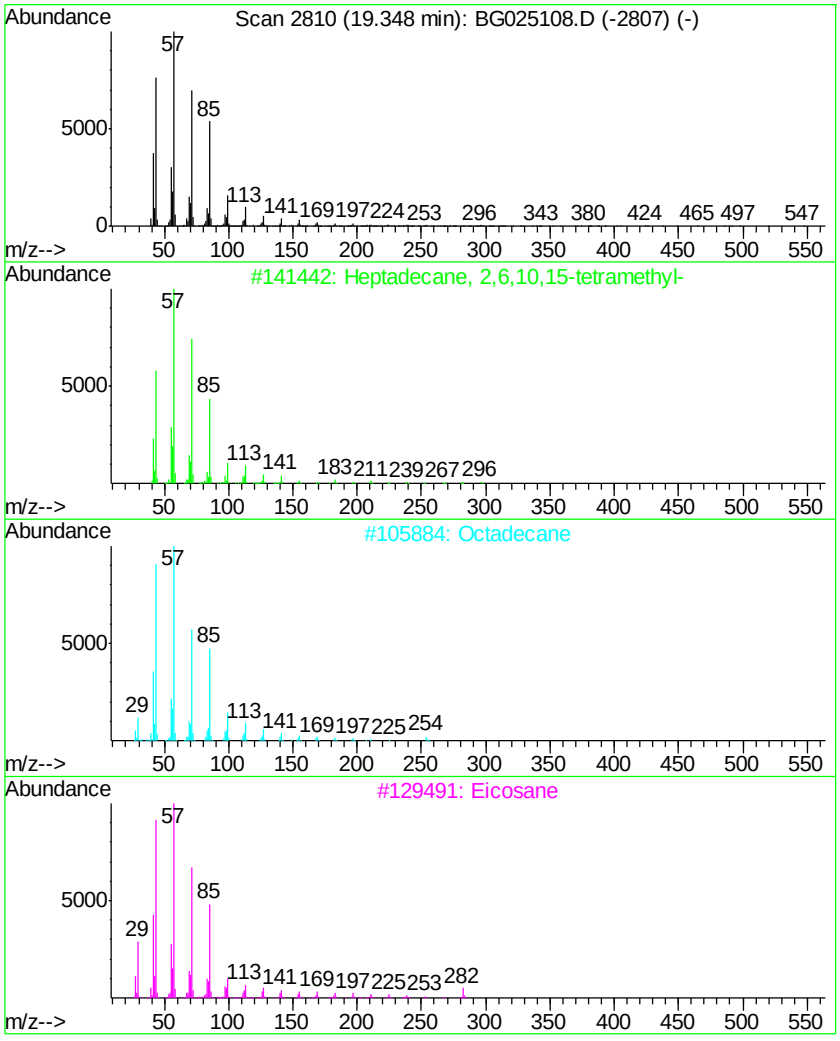
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

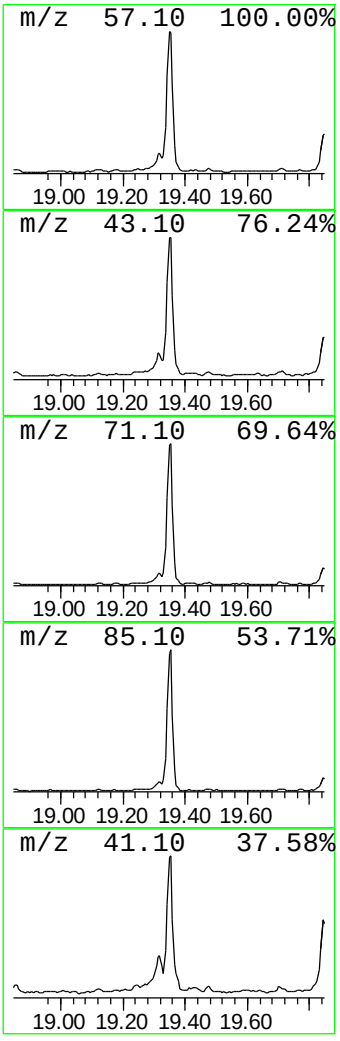
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	68.46 ng/ul	12937000	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
2	Octadecane	254	C18H38	000593-45-3	91
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	Eicosane	282	C20H42	000112-95-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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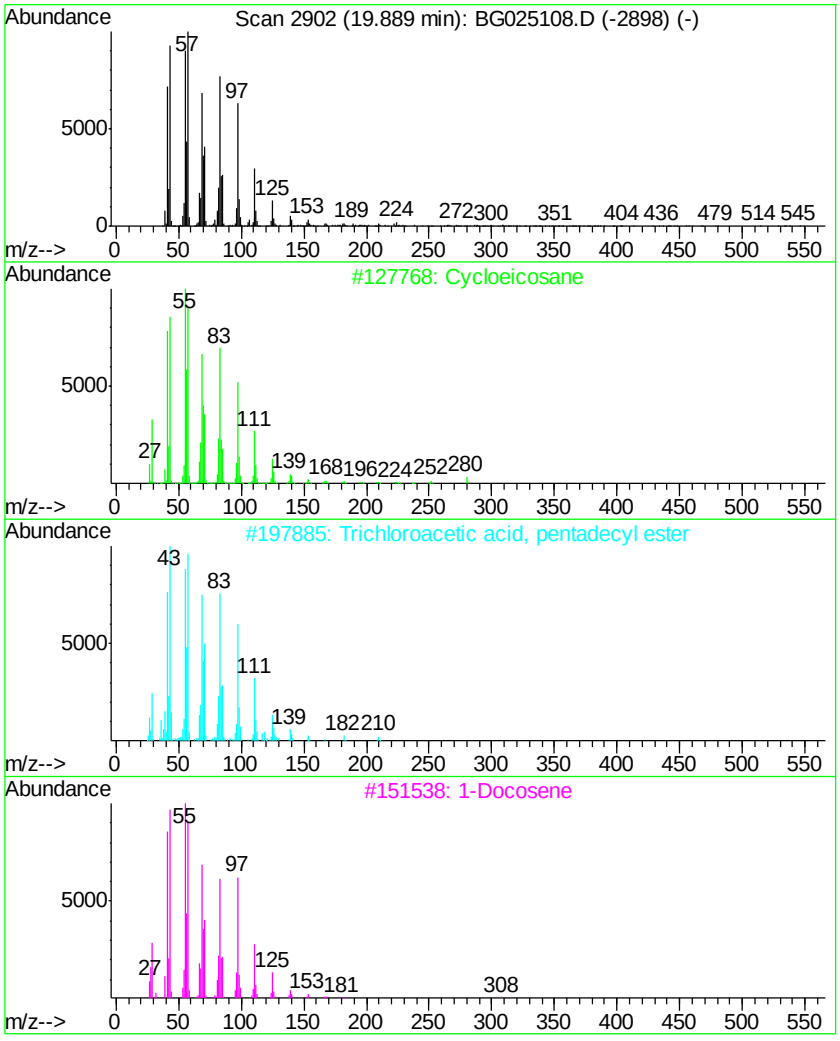
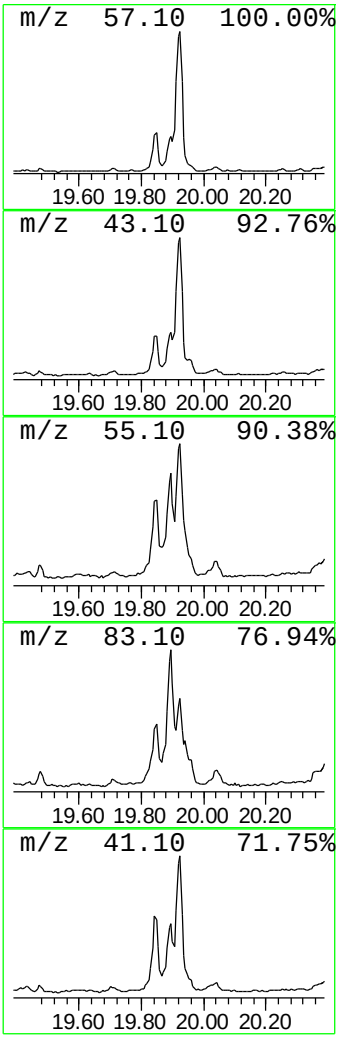
Peak Number 62 (DEL) Alkane: Cyclic19.89 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.89	34.27 ng/ul	6501190	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	94
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
3	1-Docosene	308	C22H44	001599-67-3	94
4	Heptafluorobutyric acid, pentade...	424	C19H31F7O2	959261-23-5	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
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Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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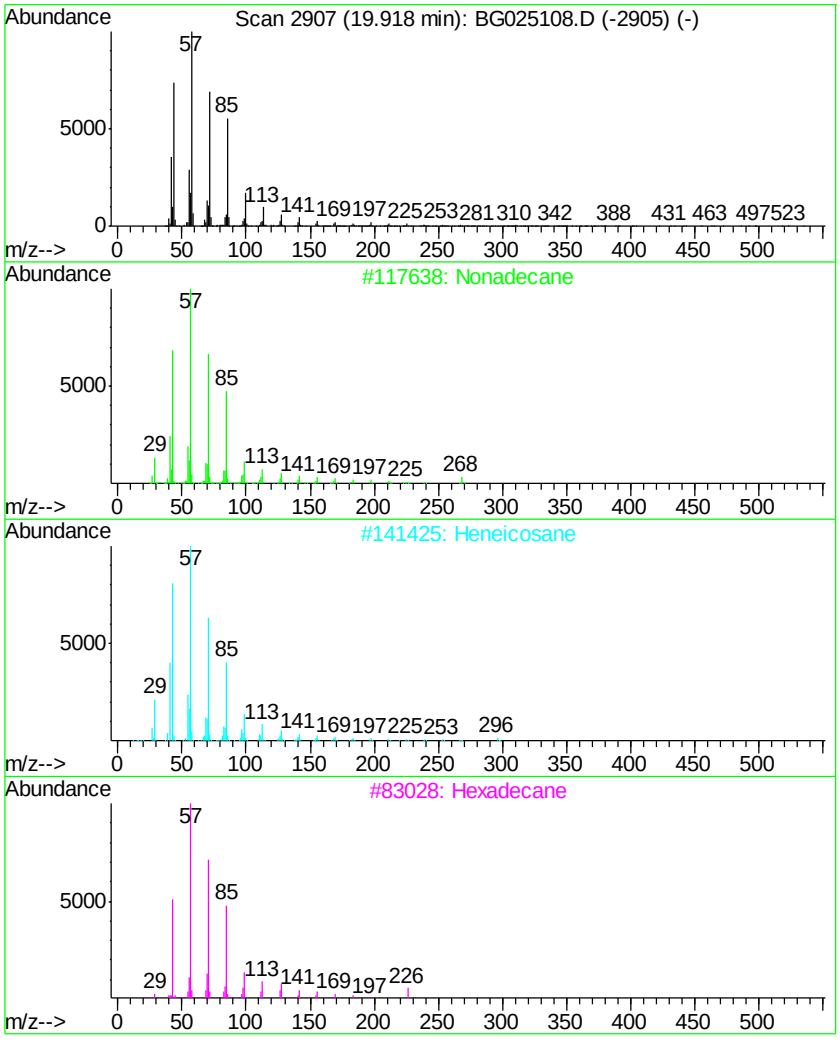
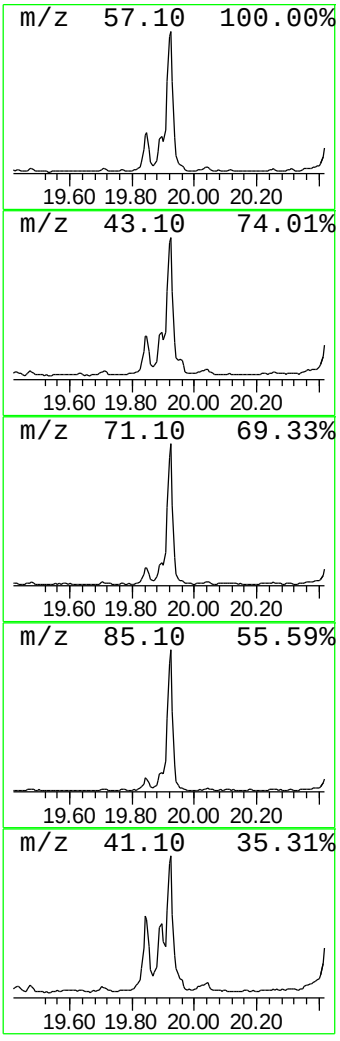
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	68.26 ng/ul	12947800	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	94
2	Heneicosane	296	C21H44	000629-94-7	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Eicosane	282	C20H42	000112-95-8	87
5	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86





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Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

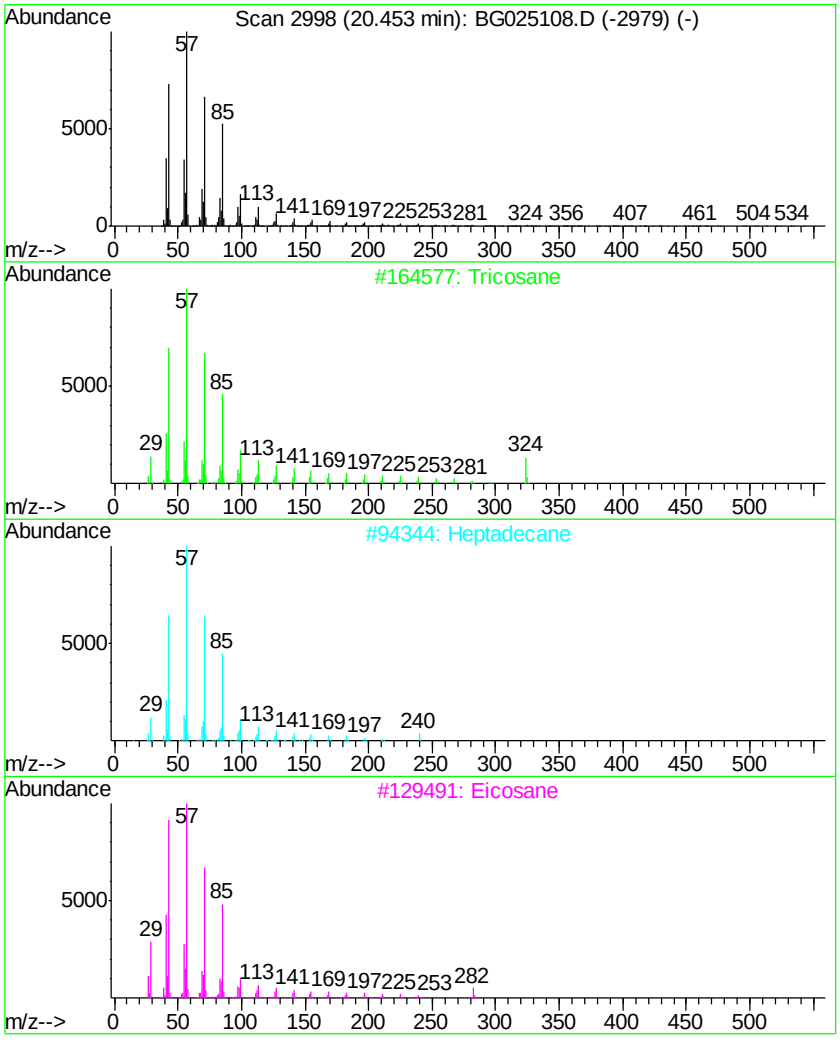
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

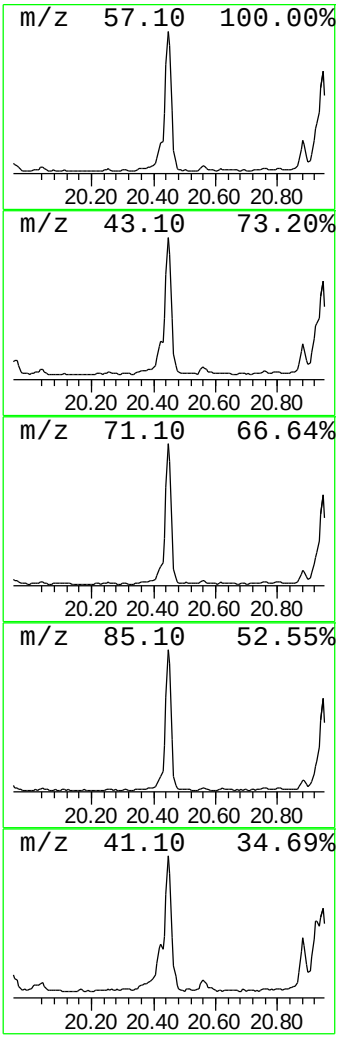
****

Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	101.46 ng/ul	19245400	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricosane	324	C23H48	000638-67-5	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Eicosane	282	C20H42	000112-95-8	91
4	Heneicosane	296	C21H44	000629-94-7	91
5	2-methyloctacosane	408	C29H60	1000376-72-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

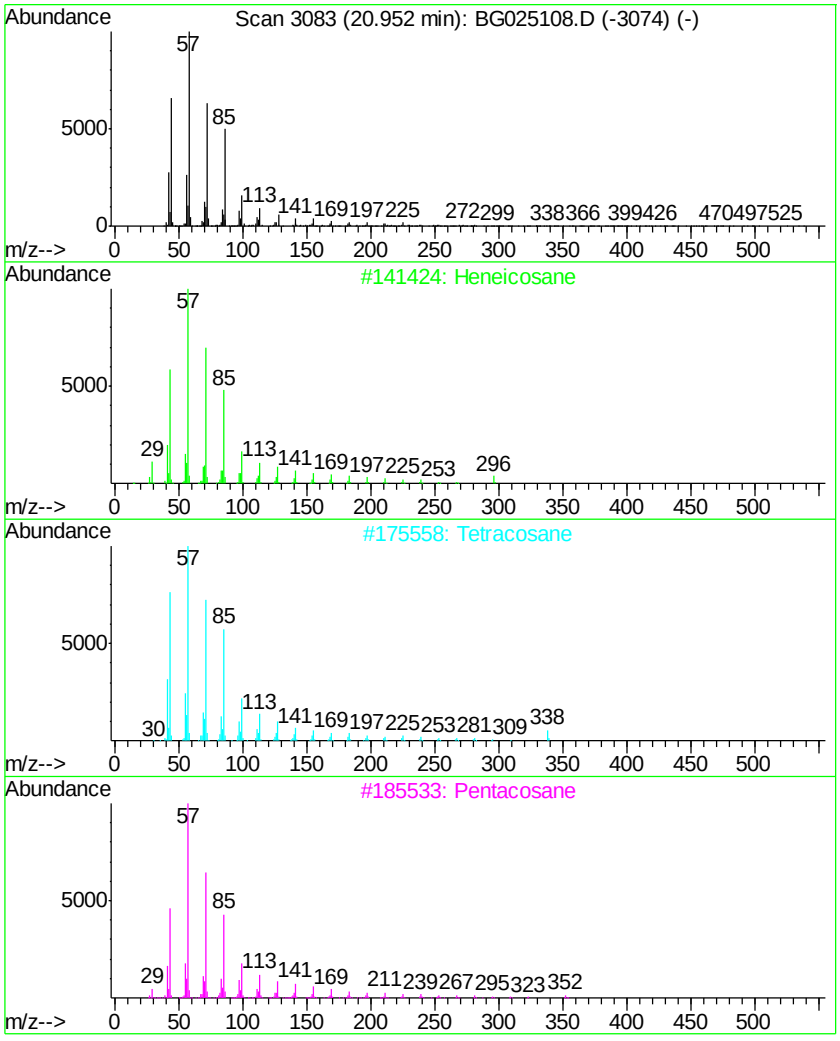
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

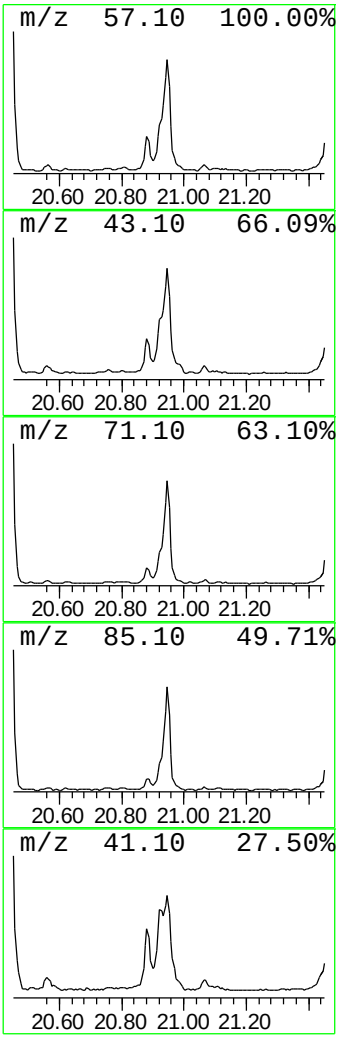
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.95	95.34 ng/ul	18084800	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	97
2	Tetracosane	338	C24H50	000646-31-1	97
3	Pentacosane	352	C25H52	000629-99-2	97
4	Tetracosane	338	C24H50	000646-31-1	96
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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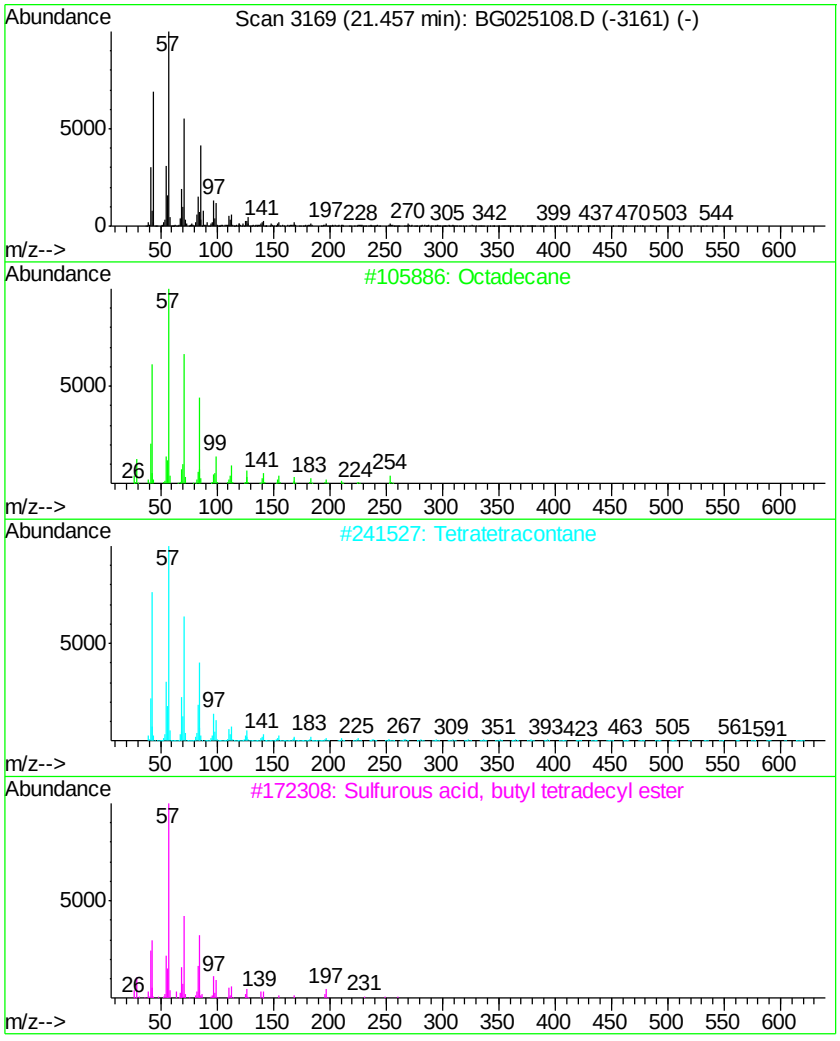
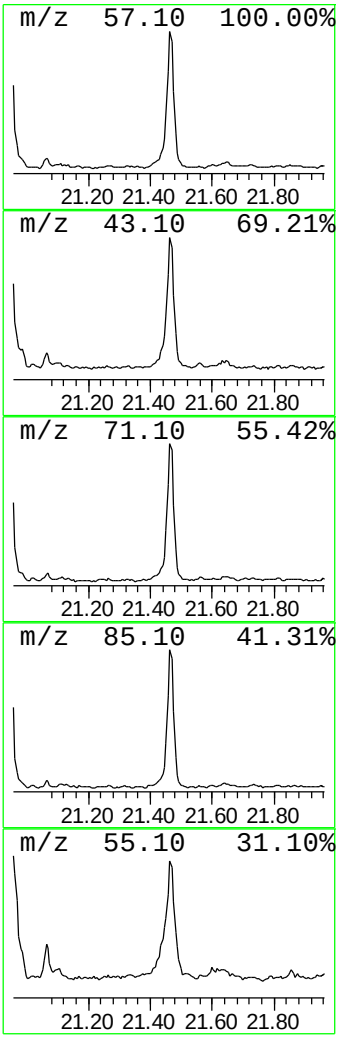
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	44.37 ng/ul	8417350	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Tetratetracontane	619	C44H90	007098-22-8	91
3	Sulfurous acid, butyl tetradecyl...	334	C18H38O3S	1000309-18-1	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Hexatriacontane	507	C36H74	000630-06-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

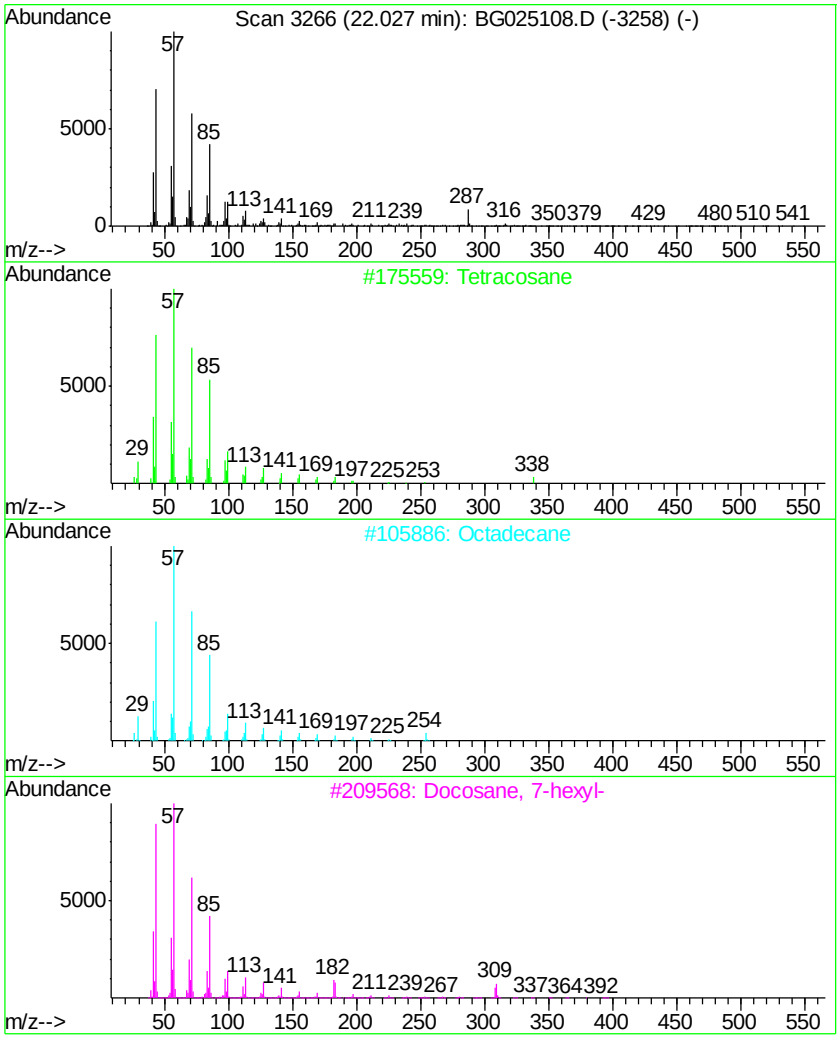
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

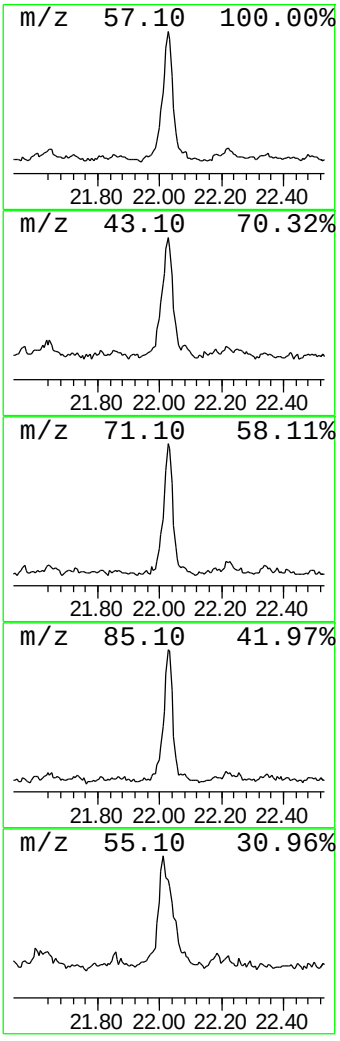
****

Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.03	29.11 ng/ul	5522260	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	93
2	Octadecane	254	C18H38	000593-45-3	93
3	Docosane, 7-hexyl-	394	C28H58	055373-86-9	91
4	Octadecane, 1-chloro-	288	C18H37Cl	003386-33-2	89
5	Hexatriacontane	507	C36H74	000630-06-8	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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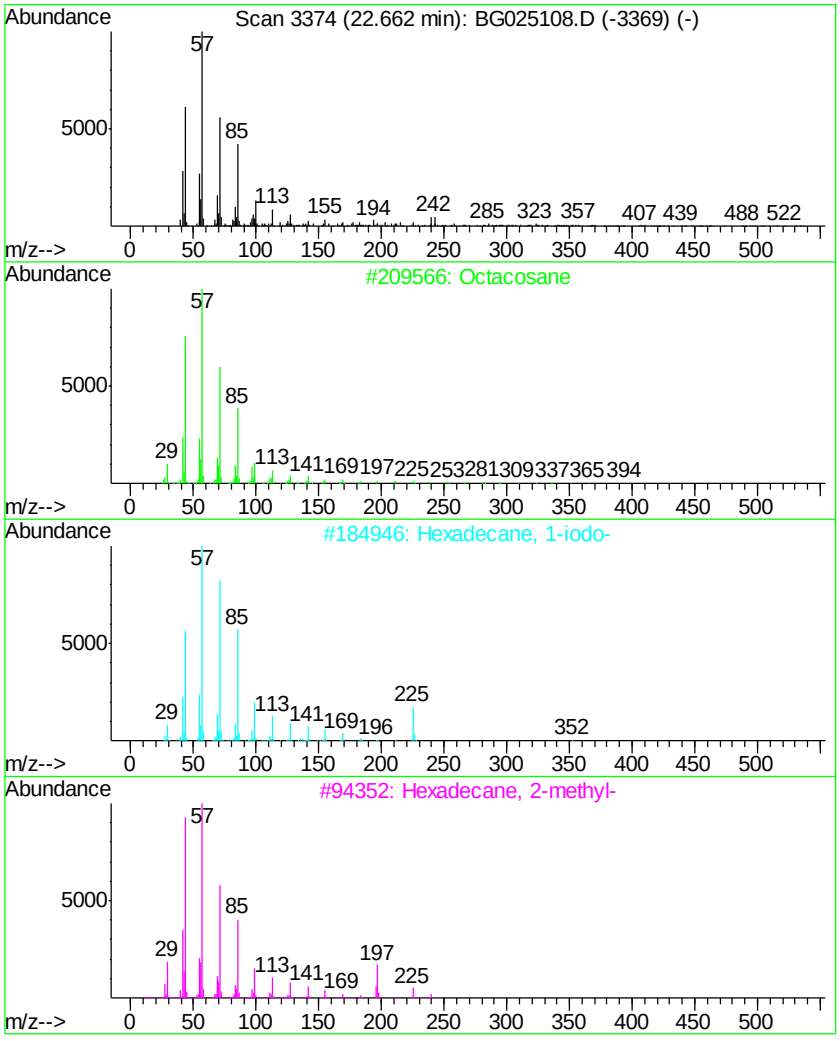
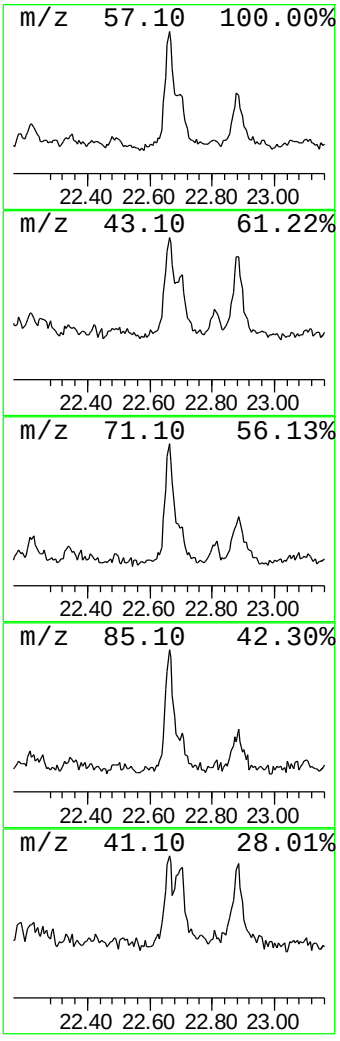
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.66	6.18 ng/ul	1172250	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	95
2	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	90
3	Hexadecane, 2-methyl-	240	C17H36	001560-92-5	87
4	Eicosane	282	C20H42	000112-95-8	87
5	Tricosane	324	C23H48	000638-67-5	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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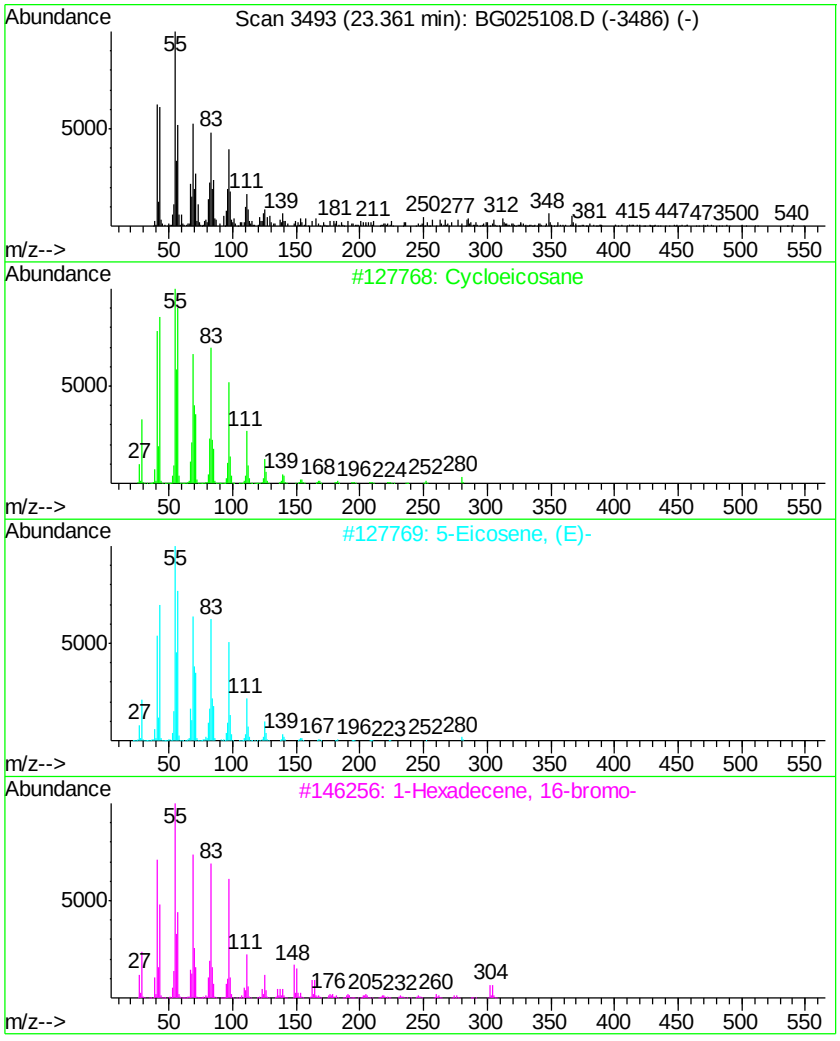
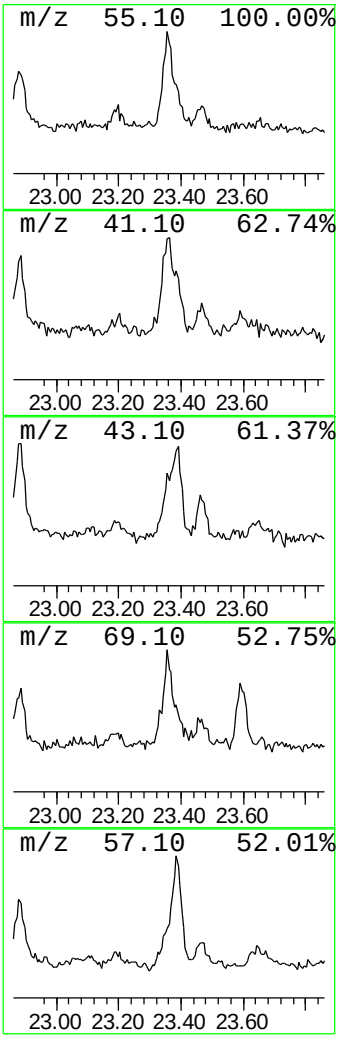
Peak Number 72 (DEL) Alkane: Cyclic23.36 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	13.94 ng/ul	2645250	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	89
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	89
3	1-Hexadecene, 16-bromo-	302	C16H31Br	118625-56-2	76
4	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	76
5	Oleyl alcohol, trifluoroacetate	364	C20H35F3O2	1000352-68-4	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121016\
Data File : BG025108.D
Acq On : 11 Dec 2016 18:09
Operator : UM/SJ
Sample : H5863-02DL 5X
Misc :
ALS Vial : 42 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.84	21.1	ng/ul	1372160	1	8.24	1303180	20.0
Benzene, 1,2,3-tr...	7.87	16.7	ng/ul	1088790	1	8.24	1303180	20.0
Benzene, 1-methyl...	9.33	20.4	ng/ul	1332760	1	8.24	1303180	20.0
Phenol, 2,6-dimet...	9.67	14.9	ng/ul	1078620	2	11.07	1452510	20.0
Benzofuran, 7-met...	9.72	17.6	ng/ul	1277540	2	11.07	1452510	20.0
Benzofuran, 2-met...	9.79	25.7	ng/ul	1866820	2	11.07	1452510	20.0
Phenol, 2-ethyl-6...	10.87	15.1	ng/ul	1097370	2	11.07	1452510	20.0
(DEL) Alkane: Str...	10.99	25.4	ng/ul	1841030	2	11.07	1452510	20.0
unknown-01	11.30	39.9	ng/ul	2899570	2	11.07	1452510	20.0
2-Propenal, 2-met...	11.42	32.9	ng/ul	2387270	2	11.07	1452510	20.0
1H-Benzimidazole,...	11.47	47.3	ng/ul	3435810	2	11.07	1452510	20.0
unknown-02	12.09	26.1	ng/ul	1893580	2	11.07	1452510	20.0
(DEL) Alkane: Cyc...	12.32	14.1	ng/ul	1020840	2	11.07	1452510	20.0
(DEL) Alkane: Str...	12.42	51.1	ng/ul	3710540	2	11.07	1452510	20.0
1,3,5-Triazine-2,...	12.78	16.9	ng/ul	1228380	2	11.07	1452510	20.0
unknown-03	12.83	21.9	ng/ul	1587380	2	11.07	1452510	20.0
2,3,4-Trifluorobe...	12.87	19.5	ng/ul	1416360	2	11.07	1452510	20.0
Naphthalene, 1-me...	12.93	28.3	ng/ul	2052460	2	11.07	1452510	20.0
2,5,6-Trimethylbe...	13.01	11.4	ng/ul	1391790	3	14.87	2441390	20.0
Benzene, 1-(2-but...	13.09	19.5	ng/ul	2385300	3	14.87	2441390	20.0
unknown-04	13.27	16.0	ng/ul	1950740	3	14.87	2441390	20.0
Benzene, heptyl-	13.36	11.2	ng/ul	1364890	3	14.87	2441390	20.0
1-Methyl-2-n-hexy...	13.40	11.4	ng/ul	1385300	3	14.87	2441390	20.0
(DEL) Alkane: Cyc...	13.55	21.5	ng/ul	2620120	3	14.87	2441390	20.0
(DEL) Alkane: Str...	13.64	53.3	ng/ul	6510090	3	14.87	2441390	20.0
Phenol, 2-(2-pent...	13.81	18.1	ng/ul	2207180	3	14.87	2441390	20.0
unknown-05	13.91	10.9	ng/ul	1328140	3	14.87	2441390	20.0
Naphthalene, 2,7-...	14.01	10.4	ng/ul	1269660	3	14.87	2441390	20.0
Benzimidazole, 4,...	14.04	11.6	ng/ul	1418320	3	14.87	2441390	20.0
Naphthalene, 1,7-...	14.18	33.0	ng/ul	4034690	3	14.87	2441390	20.0
(DEL) Alkane: Cyc...	14.64	18.4	ng/ul	2243710	3	14.87	2441390	20.0
(DEL) Alkane: Str...	14.71	85.6	ng/ul	10447500	3	14.87	2441390	20.0
(DEL) Alkane: Cyc...	15.59	46.8	ng/ul	5713170	3	14.87	2441390	20.0
(DEL) Alkane: Str...	15.66	137.6	ng/ul	16793300	3	14.87	2441390	20.0
(DEL) Alkane: Cyc...	16.35	6.5	ng/ul	1235430	4	17.61	3779320	20.0
(DEL) Alkane: Cyc...	16.40	10.9	ng/ul	2066850	4	17.61	3779320	20.0
(DEL) Alkane: Cyc...	16.46	34.1	ng/ul	6448440	4	17.61	3779320	20.0
(DEL) Alkane: Str...	16.52	93.6	ng/ul	17688600	4	17.61	3779320	20.0
(DEL) Alkane: Cyc...	16.73	47.5	ng/ul	8977790	4	17.61	3779320	20.0
(DEL) Alkane: Cyc...	16.82	31.1	ng/ul	5886700	4	17.61	3779320	20.0
(DEL) Alkane: Cyc...	17.26	35.8	ng/ul	6761470	4	17.61	3779320	20.0
(DEL) Alkane: Str...	17.31	93.3	ng/ul	17634900	4	17.61	3779320	20.0
(DEL) Alkane: Str...	18.04	86.6	ng/ul	16366300	4	17.61	3779320	20.0
(DEL) Alkane: Cyc...	18.69	14.8	ng/ul	2788480	4	17.61	3779320	20.0
(DEL) Alkane: Str...	18.73	79.9	ng/ul	15100000	4	17.61	3779320	20.0
(DEL) Alkane: Cyc...	19.32	15.5	ng/ul	2936900	4	17.61	3779320	20.0
(DEL) Alkane: Str...	19.35	68.5	ng/ul	12937000	4	17.61	3779320	20.0
(DEL) Alkane: Cyc...	19.89	34.3	ng/ul	6501190	5	21.90	3793900	20.0
(DEL) Alkane: Str...	19.92	68.3	ng/ul	12947800	5	21.90	3793900	20.0

(DEL) Alkane: Str...	20.45	101.5	ng/ul	19245400	5	21.90	3793900	20.0
(DEL) Alkane: Str...	20.95	95.3	ng/ul	18084800	5	21.90	3793900	20.0
(DEL) Alkane: Str...	21.46	44.4	ng/ul	8417350	5	21.90	3793900	20.0
(DEL) Alkane: Str...	22.03	29.1	ng/ul	5522260	5	21.90	3793900	20.0
(DEL) Alkane: Str...	22.66	6.2	ng/ul	1172250	5	21.90	3793900	20.0
(DEL) Alkane: Cyc...	23.36	13.9	ng/ul	2645250	5	21.90	3793900	20.0

Instrument :
BNA_G
ClientSampleId :
DA7Y1DL