LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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	7.385	764	774	788	rBV4	148716	407983	5.00%	0.892%
2	7.549	795	802	807	rBV	99452	171884	2.10%	0.376%
3	7.761	831	838	844	rBV	141708	268848	3.29%	0.588%
4	7.866	851	856	864	rVB	49682	88045	1.08%	0.193%
5	8.237	910	919	929	rVB	264036	480176	5.88%	1.050%
6	8.336	929	936	943	rBV3	32726	70521	0.86%	0.154%
7	8.865	1020	1026	1031	rVV4	38016	79978	0.98%	0.175%
8	8.936	1031	1038	1046	rVV3	176822	348973	4.27%	0.763%
9	9.418	1113	1120	1129	rVB2	187316	374101	4.58%	0.818%
10	9.711	1158	1170	1177	rBV4	57645	154293	1.89%	0.337%
11	9.782	1177	1182	1192	rVB2	128082	249878	3.06%	0.546%
12	10.134	1235	1242	1251	rVB3	135697	291123	3.56%	0.637%
13	10.452	1288	1296	1308	rBV3	64106	233477	2.86%	0.510%
14	10.681	1328	1335	1343	rBV2	197215	408020	5.00%	0.892%
15	10.980	1379	1386	1390	rBV2	68054	122915	1.51%	0.269%
16	11.057	1392	1399	1405	rBV	358059	669290	8.20%	1.463%
17	11.110	1405	1408	1414	rVB2	100184	162316	1.99%	0.355%
18	11.204	1418	1424	1433	rBV5	80394	189603	2.32%	0.415%
19	11.292	1433	1439	1453	rVB4	115359	372885	4.57%	0.815%
20	11.415	1453	1460	1463	rBV2	126979	223922	2.74%	0.490%
21	11.462	1463	1468	1474	rVV2	251225	484171	5.93%	1.059%
22	11.521	1474	1478	1485	rVB2	67965	121441	1.49%	0.266%
23	11.715	1506	1511	1519	rVB8	27524	69165	0.85%	0.151%
24	11.874	1532	1538	1543	rVV4	60367	106868	1.31%	0.234%
25	12.003	1556	1560	1565	rVB3	44462	72995	0.89%	0.160%
26	12.085	1565	1574	1578	rBV9	44988	122015	1.49%	0.267%
27	12.250	1600	1602	1609	rVB6	48401	81739	1.00%	0.179%
28	12.414	1625	1630	1636	rVB2	113153	184988	2.27%	0.404%
29	12.573	1651	1657	1660	rBV3	71158	134712	1.65%	0.295%
30	12.696	1673	1678	1682	rBV	383216	639952	7.84%	1.399%
31	12.737	1682	1685	1689	rVB2	134299	200091	2.45%	0.437%
32	12.825	1696	1700	1702	rBV3	72918	118600	1.45%	0.259%
33	12.919	1710	1716	1723	rVB	243691	445866	5.46%	0.975%
34	13.002	1723	1730	1734	rBV3	141490	288332	3.53%	0.630%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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	13.090	1740	1745	1753	rVB7	85541	169066	2.07%	0.370%
36	13.207	1759	1765	1769	rBV8	63907	105510	1.29%	0.231%
37	13.272	1770	1776	1779	rBV4	90880	179652	2.20%	0.393%
38	13.389	1794	1796	1801	rVB3	66171	82063	1.00%	0.179%
39	13.448	1801	1806	1810	rBV6	48960	95180	1.17%	0.208%
40	13.572	1816	1827	1832	rBV8	82785	272112	3.33%	0.595%
41	13.636	1832	1838	1843	rVB4	214019	366306	4.49%	0.801%
42	13.683	1843	1846	1850	rBV3	89499	120551	1.48%	0.264%
43	13.807	1860	1867	1869	rBV2	94533	183521	2.25%	0.401%
44	13.889	1876	1881	1888	rBV5	120314	300855	3.68%	0.658%
45	14.036	1896	1906	1918	rVB6	201380	664520	8.14%	1.453%
46	14.171	1919	1929	1934	rBV3	264878	596602	7.31%	1.304%
47	14.235	1934	1940	1947	rBV2	467447	1021759	12.51%	2.234%
48	14.406	1965	1969	1975	rBV5	96529	181788	2.23%	0.397%
49	14.488	1980	1983	1987	rVB2	95649	118427	1.45%	0.259%
50	14.553	1987	1994	2002	rBV2	440608	968652	11.86%	2.118%
51	14.700	2014	2019	2024	rVB	322720	446820	5.47%	0.977%
52	14.811	2033	2038	2041	rBV3	285460	459717	5.63%	1.005%
53	14.858	2041	2046	2050	rVV	561065	876629	10.73%	1.917%
54	15.076	2074	2083	2088	rBV9	289778	567879	6.95%	1.242%
55	15.146	2090	2095	2101	rVB3	140437	250249	3.06%	0.547%
56	15.240	2106	2111	2119	rVB5	118357	229087	2.81%	0.501%
57	15.311	2120	2123	2128	rVV4	85392	168566	2.06%	0.369%
58	15.358	2128	2131	2141	rVB4	112176	201116	2.46%	0.440%
59	15.458	2142	2148	2153	rBV4	118696	246526	3.02%	0.539%
60	15.510	2153	2157	2166	rVV4	199112	427756	5.24%	0.935%
61	15.610	2166	2174	2176	rVV2	355537	674247	8.26%	1.474%
62	15.640	2176	2179	2191	rVB	566980	960152	11.76%	2.099%
63	15.839	2208	2213	2217	rVV	507129	768655	9.41%	1.681%
64	15.881	2217	2220	2231	rVB3	276955	561985	6.88%	1.229%
65	15.963	2231	2234	2240	rBV4	104899	182272	2.23%	0.399%
66	16.186	2262	2272	2279	rBV4	65264	229518	2.81%	0.502%
67	16.333	2294	2297	2302	rVB5	51848	92620	1.13%	0.203%
68	16.380	2303	2305	2310	rVV5	55180	88831	1.09%	0.194%
69	16.450	2310	2317	2321	rVV4	170384	377016	4.62%	0.824%
70	16.503	2321	2326	2330	rVV	658994	918543	11.25%	2.008%
71	16.544	2330	2333	2340	rVB2	172535	261104	3.20%	0.571%

LSC Area Percent Report

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Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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	16.727	2356	2364	2373	rVB5	252712	423497	5.19%	0.926%
73	16.809	2374	2378	2383	rVB2	196622	249204	3.05%	0.545%
74	16.879	2386	2390	2397	rVB6	67038	151399	1.85%	0.331%
75	16.944	2398	2401	2407	rBV3	48390	77272	0.95%	0.169%
76	17.126	2429	2432	2438	rVB4	78077	129735	1.59%	0.284%
77	17.250	2449	2453	2456	rBV4	103442	169977	2.08%	0.372%
78	17.291	2456	2460	2470	rVB	626089	913308	11.18%	1.997%
79	17.432	2481	2484	2491	rVB5	84408	123484	1.51%	0.270%
80	17.596	2506	2512	2523	rVV	808518	1369007	16.76%	2.993%
81	17.696	2523	2529	2536	rVB2	577256	924831	11.32%	2.022%
82	17.990	2574	2579	2582	rBV6	84767	128624	1.58%	0.281%
83	18.031	2582	2586	2597	rVB	526755	794462	9.73%	1.737%
84	18.683	2693	2697	2699	rBV4	85763	100609	1.23%	0.220%
85	18.718	2699	2703	2718	rVB	413147	642834	7.87%	1.406%
86	19.335	2805	2808	2816	rVB	329144	424953	5.20%	0.929%
87	19.858	2893	2897	2899	rBV	65264	86414	1.06%	0.189%
88	19.882	2899	2901	2903	rVV3	81682	100984	1.24%	0.221%
89	19.911	2903	2906	2911	rVB	226014	267923	3.28%	0.586%
90	19.970	2911	2916	2928	rBV	804628	1244989	15.25%	2.722%
91	20.434	2988	2995	3003	rVB	199707	357025	4.37%	0.781%
92	20.834	3057	3063	3072	rVB	674982	929753	11.38%	2.033%
93	20.939	3073	3081	3092	rVB5	121370	300603	3.68%	0.657%
94	21.462	3166	3170	3178	rVB4	71809	120570	1.48%	0.264%
95	21.891	3236	3243	3251	rVB	965662	1670524	20.46%	3.652%
96	23.307	3458	3484	3510	rVB8	1125811	8166483	100.00%	17.855%
97	24.212	3633	3638	3645	rVB10	57804	122528	1.50%	0.268%
98	25.070	3774	3784	3796	rBV2	352219	1140298	13.96%	2.493%
99	25.311	3815	3825	3843	rVB2	469768	1532981	18.77%	3.352%
100	26.386	4003	4008	4023	rVB7	67925	217671	2.67%	0.476%

Sum of corrected areas: 45736960

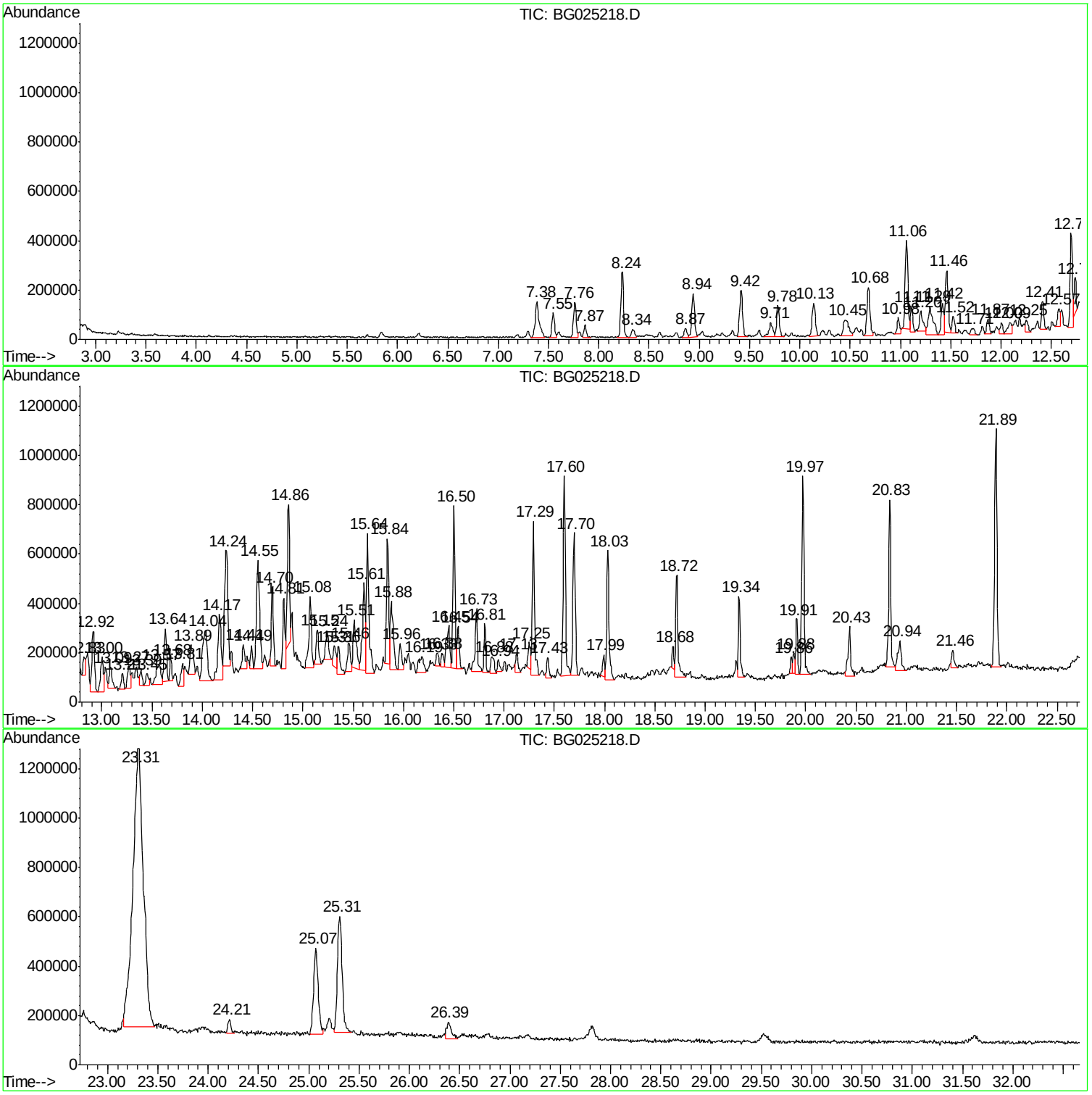
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
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Instrument : BNA_G
ClientSampleId : DA876

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

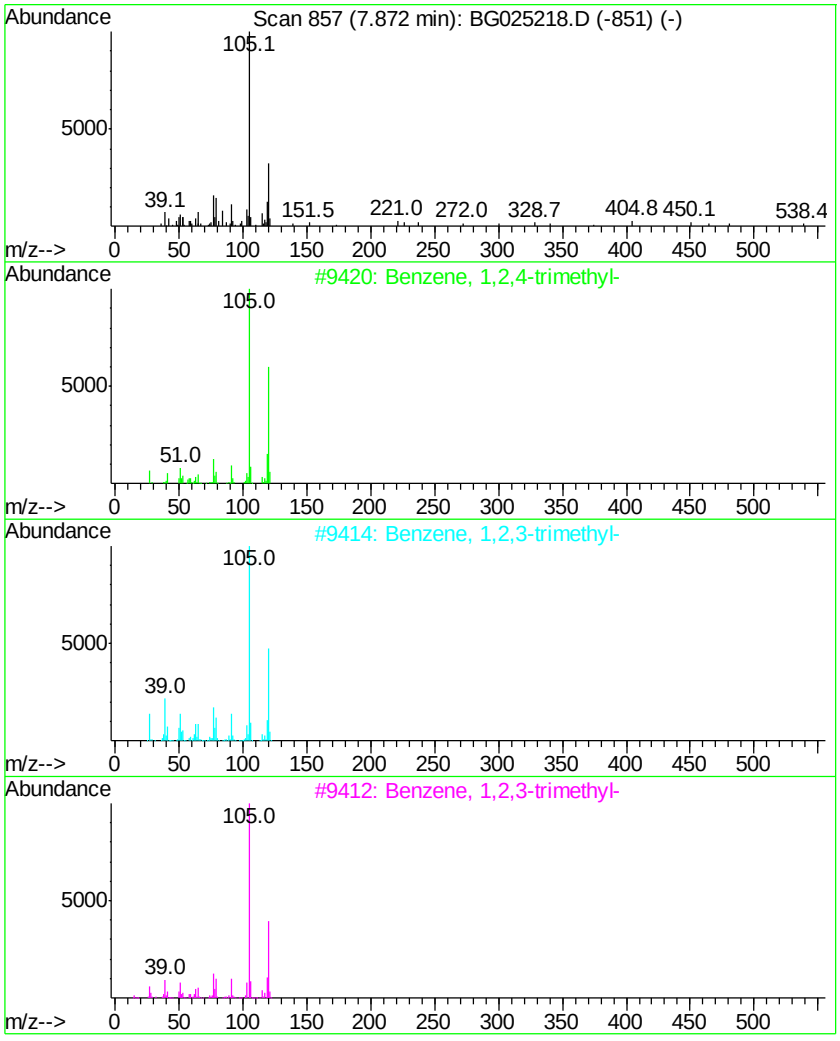
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

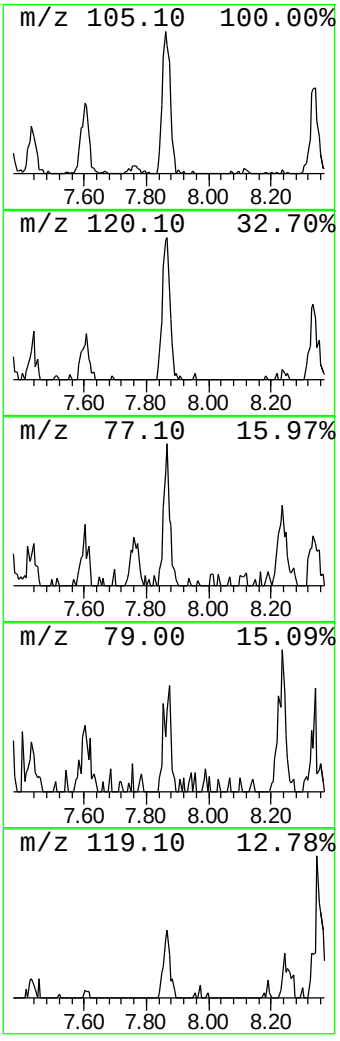
****

Peak Number 1 Benzene, 1,2,4-trimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.87	3.67 ng/ul	88045	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	76
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

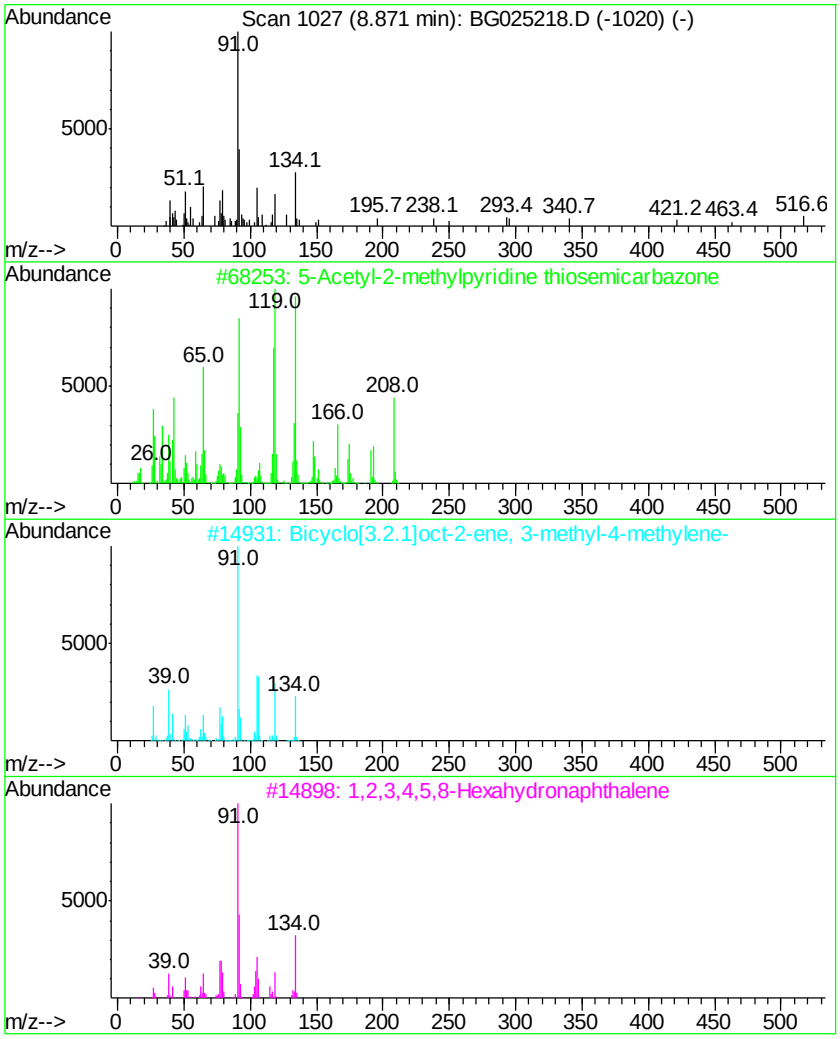
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

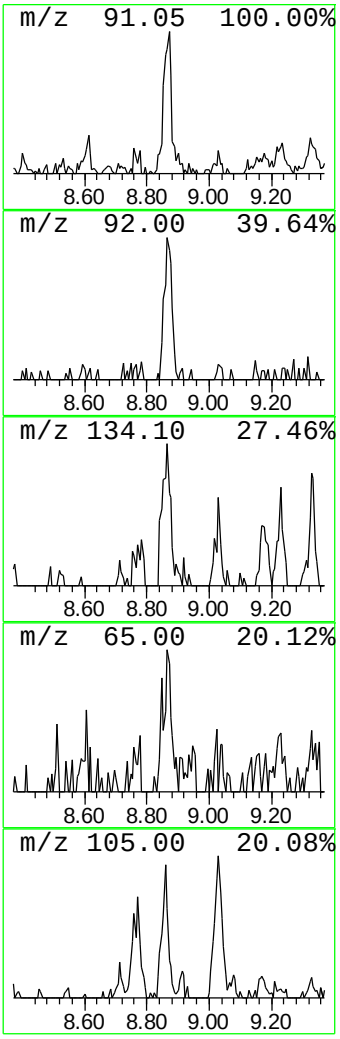
****

Peak Number 3 5-Acetyl-2-methylpyridine t... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.87	3.33 ng/ul	79978	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Acetyl-2-methylpyridine thiose...	208	C9H12N4S	219865-93-7	59
2	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	49
3	1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	49
4	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	49
5	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
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Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

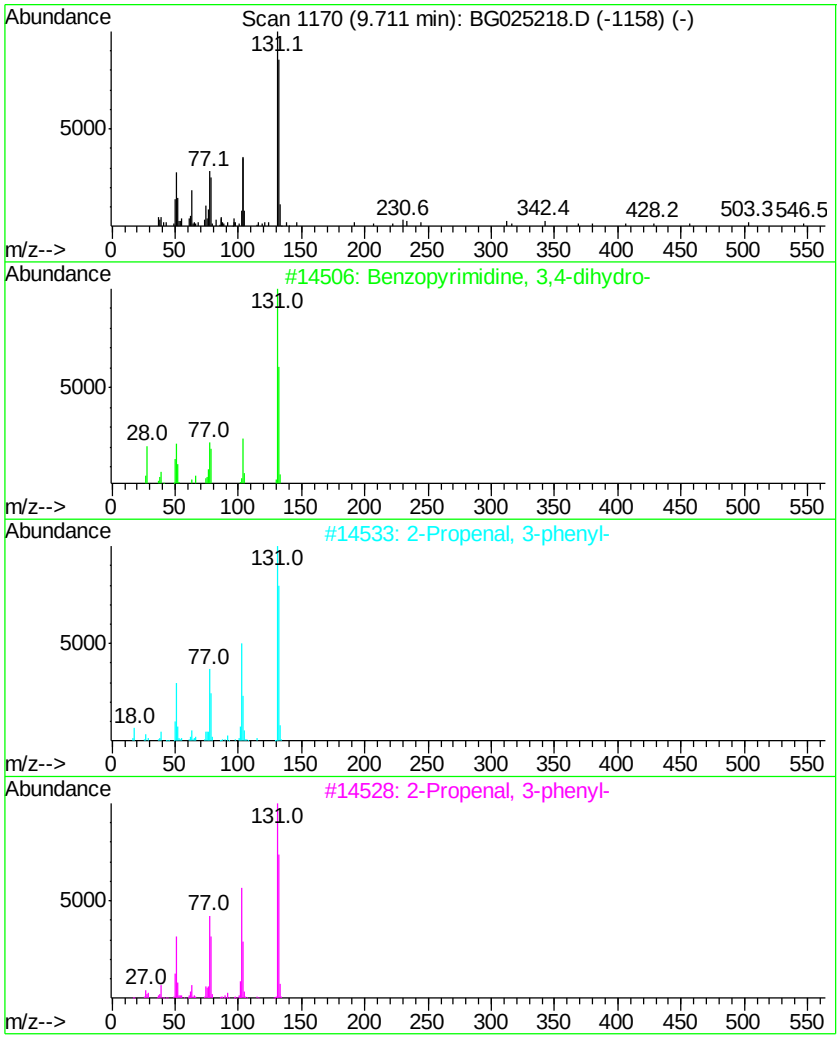
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

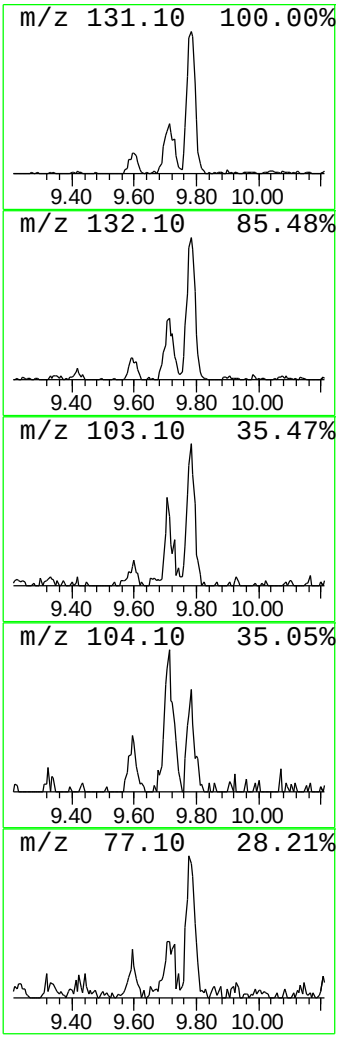
****

Peak Number 4 Benzopyrimidine, 3,4-dihydro- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	4.61 ng/ul	154293	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	91
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
5	1H-Indenol	132	C9H8O	056631-57-3	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

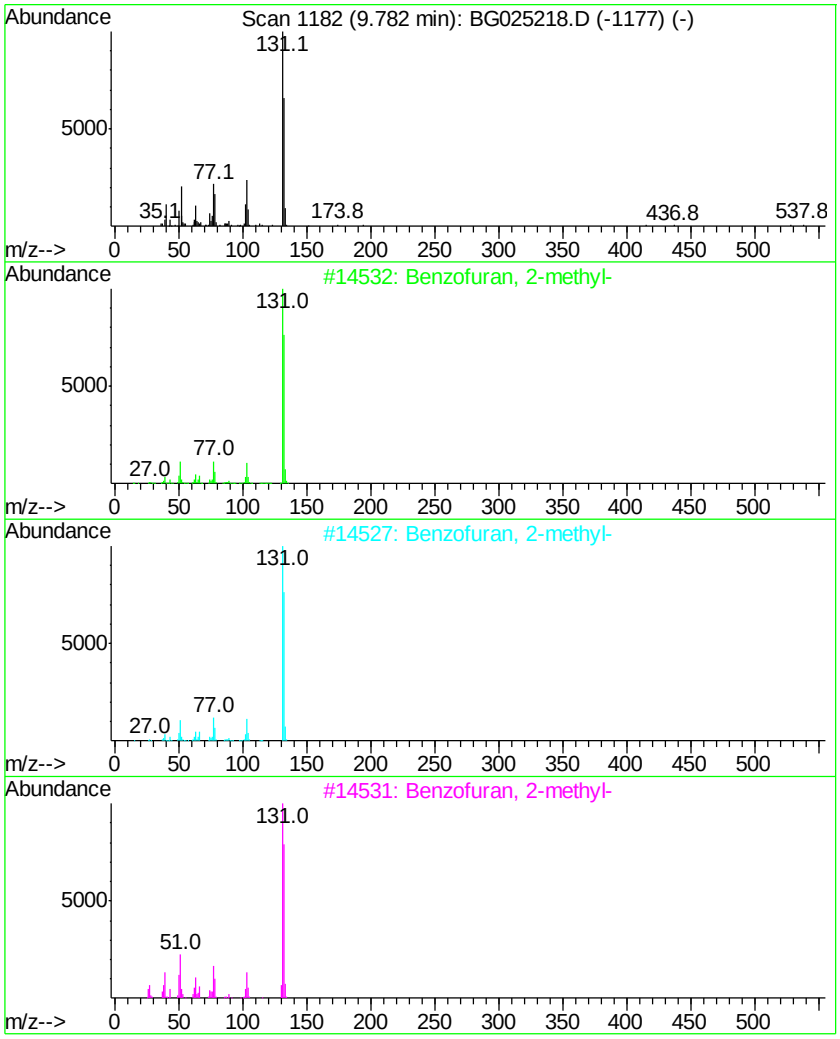
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

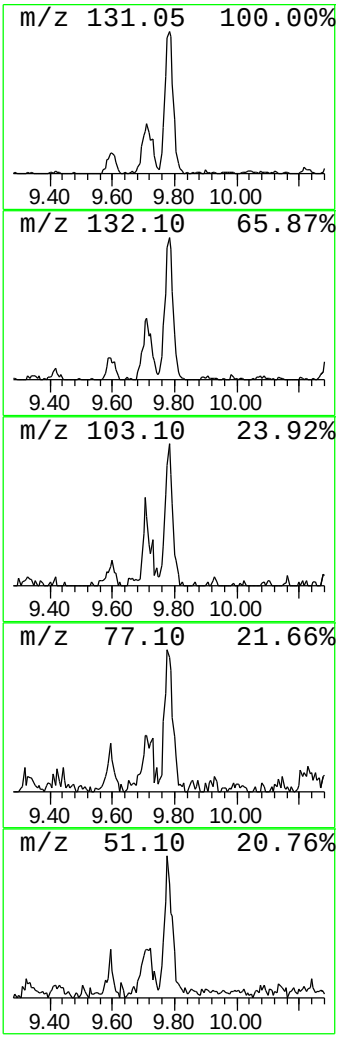
****

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	7.47 ng/ul	249878	Naphthalene-d8	11.06

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	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

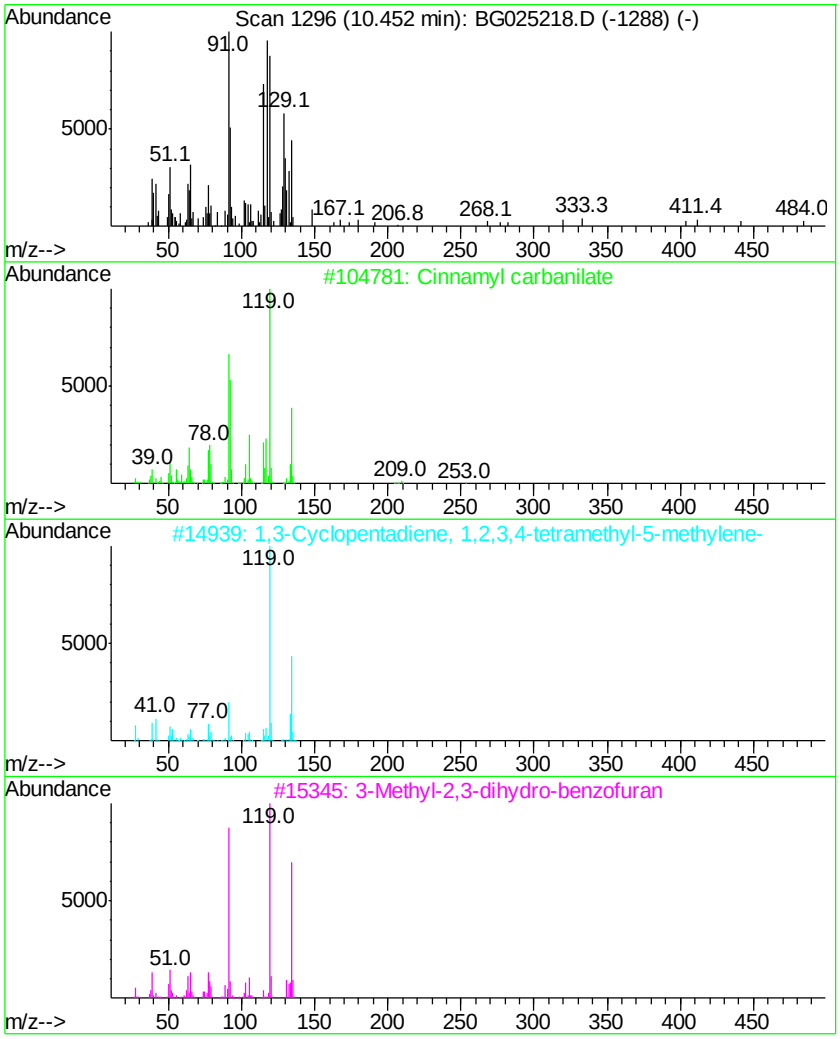
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

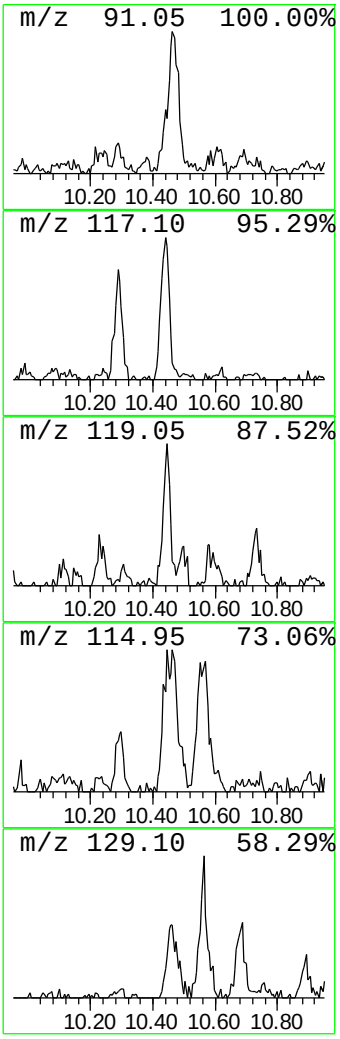
****

Peak Number 6 unknown-01 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	6.98 ng/ul	233477	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamyl carbanilate	253	C16H15NO2	025076-44-2	43
2	1,3-Cyclopentadiene, 1,2,3,4-tet...	134	C10H14	076089-59-3	30
3	3-Methyl-2,3-dihydro-benzofuran	134	C9H10O	013524-73-7	30
4	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	30
5	Ethanone, 1-(2-methylphenyl)-	134	C9H10O	000577-16-2	30





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Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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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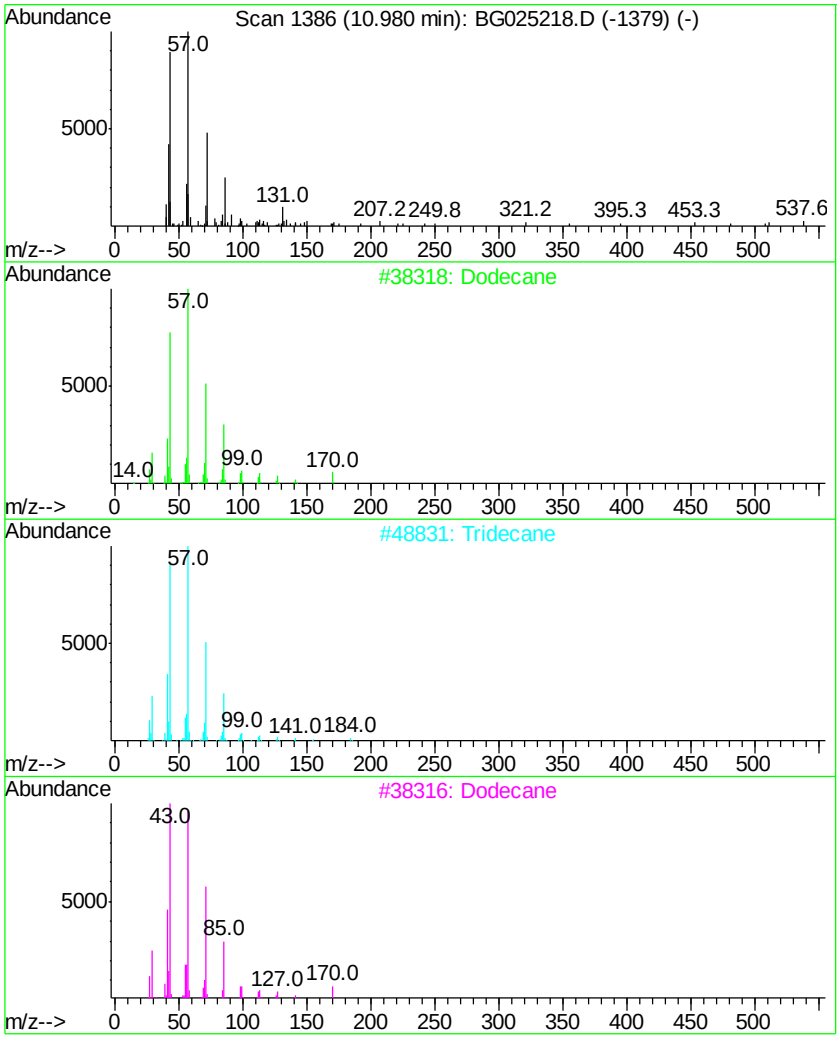
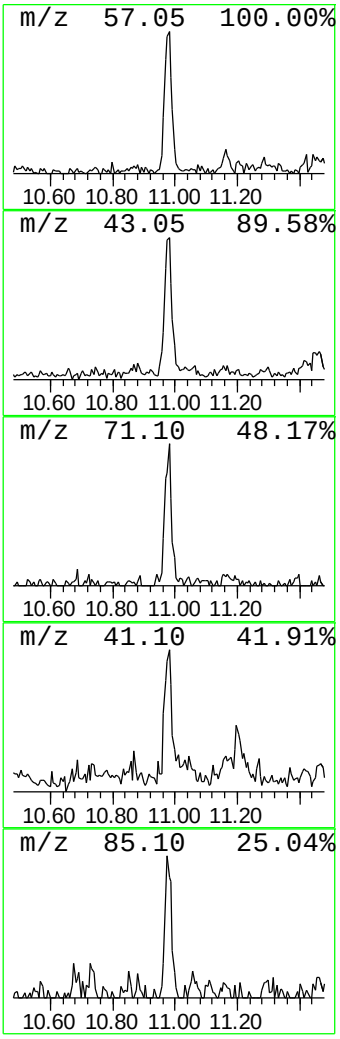
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	3.67 ng/ul	122915	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Tridecane	184	C13H28	000629-50-5	64
3	Dodecane	170	C12H26	000112-40-3	64
4	Hexadecane	226	C16H34	000544-76-3	59
5	Tridecane	184	C13H28	000629-50-5	59





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

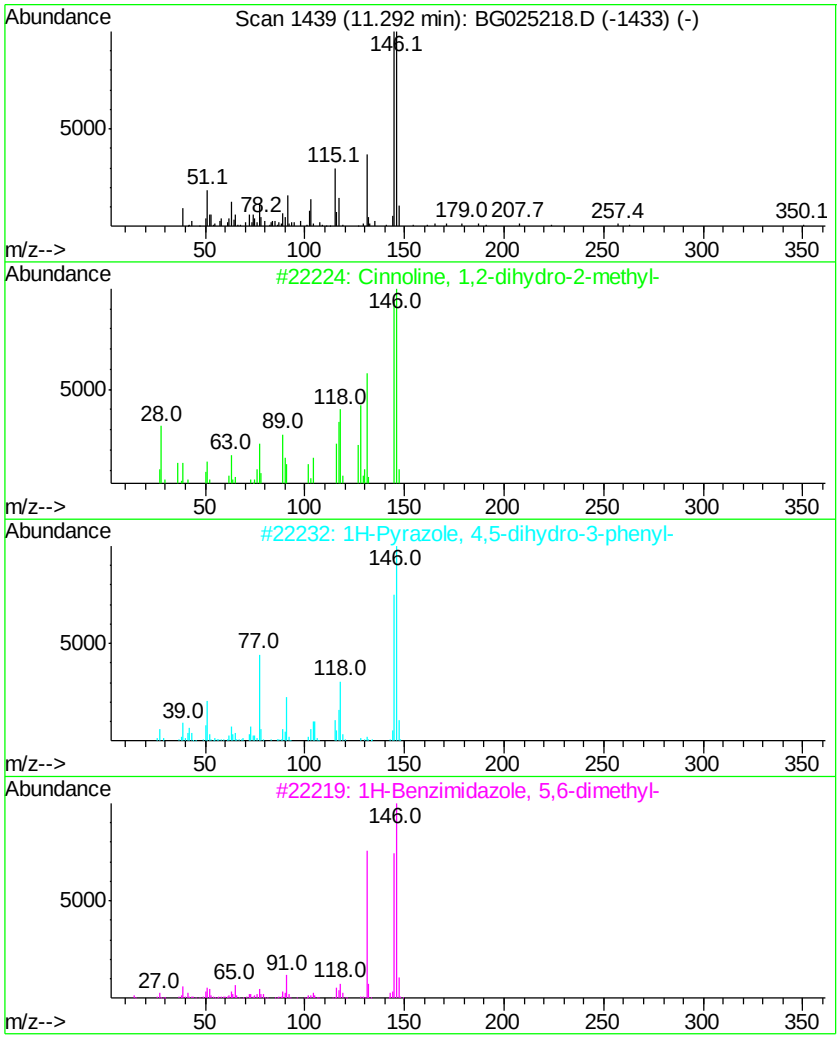
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

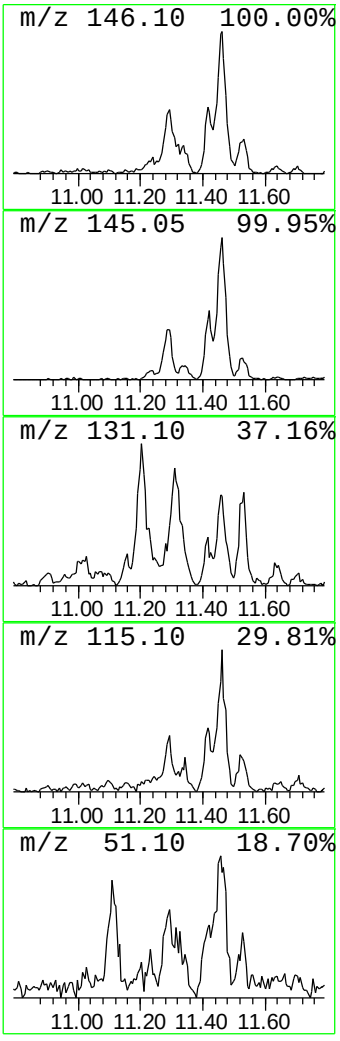
****

Peak Number 8 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	11.14 ng/ul	372885	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	81
2	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	74
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	72
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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Quant Title : SVOA CALIBRATION

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

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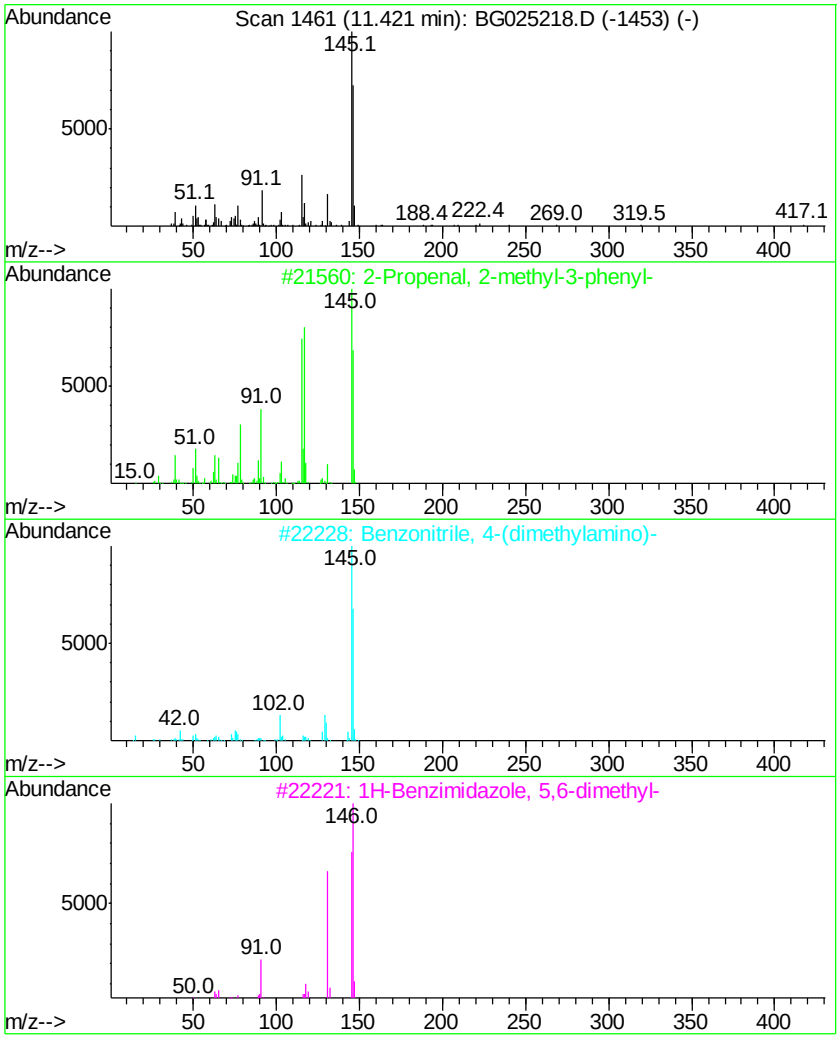
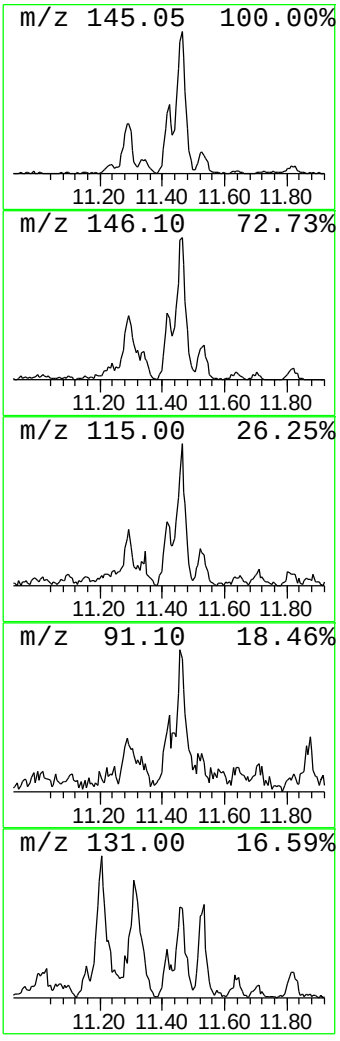
Peak Number 9 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	6.69 ng/ul	223922	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	47
5	1H-Indole, 5,7-dimethyl-	145	C10H11N	054020-53-0	43





Library Search Compound Report

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Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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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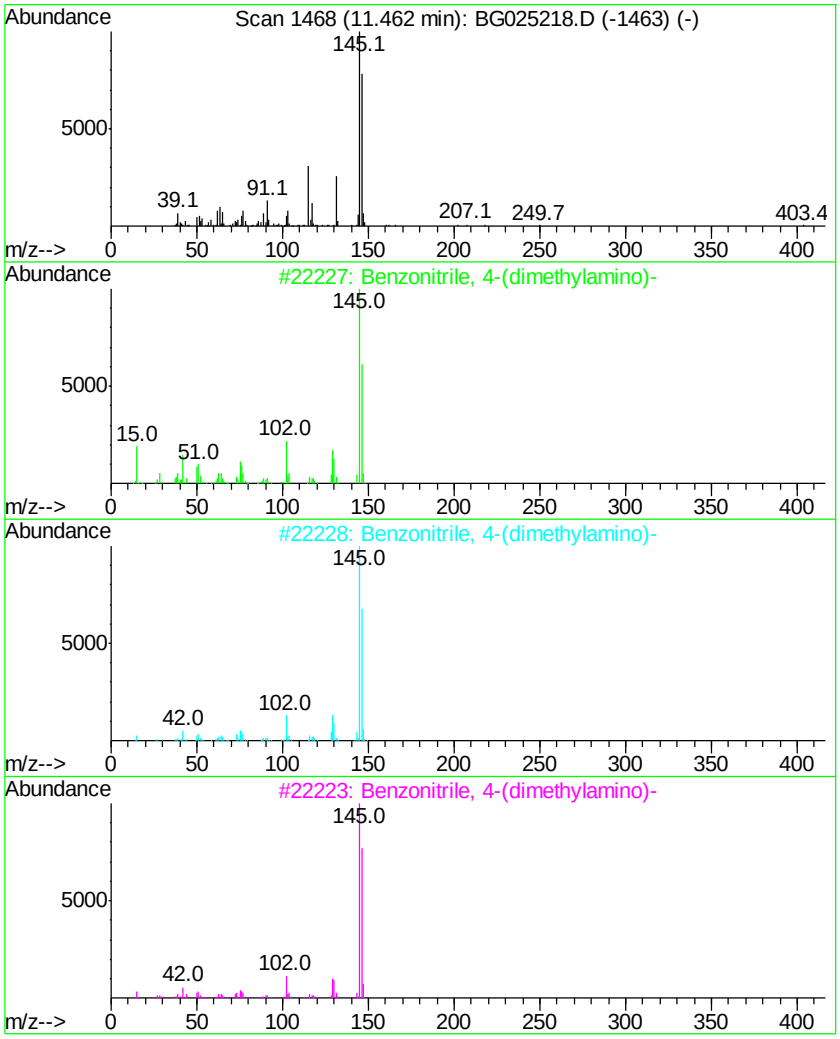
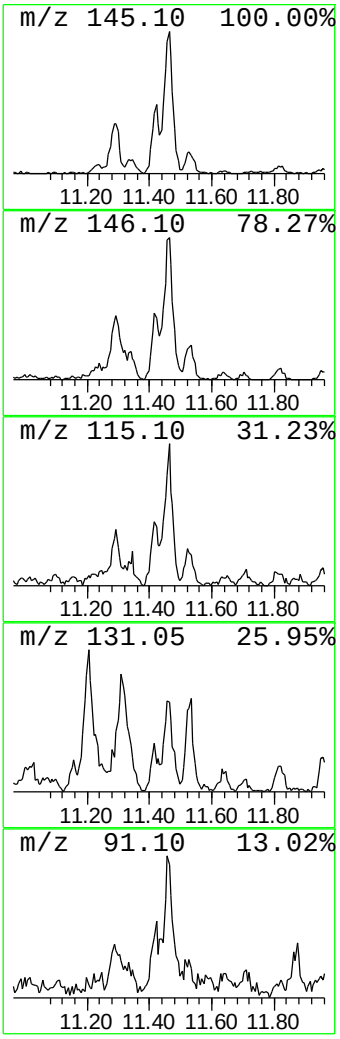
Peak Number 10 Benzonitrile, 4-(dimethylam... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	14.47 ng/ul	484171	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47
5	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	43





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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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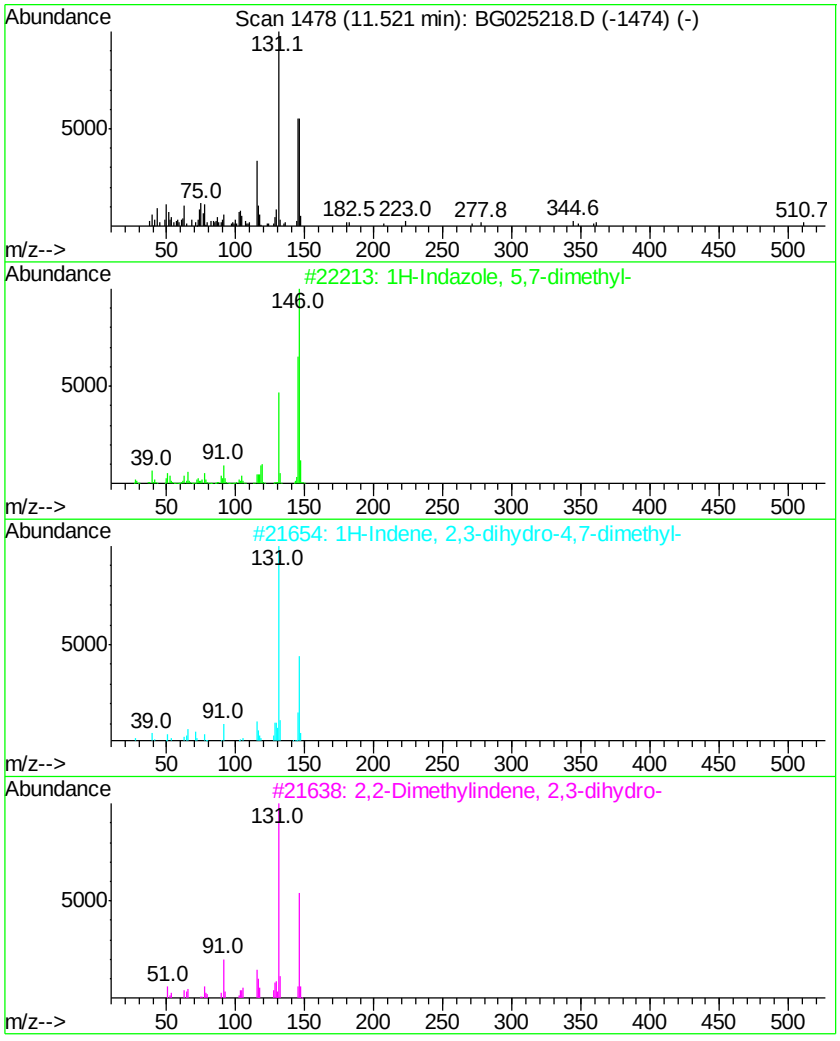
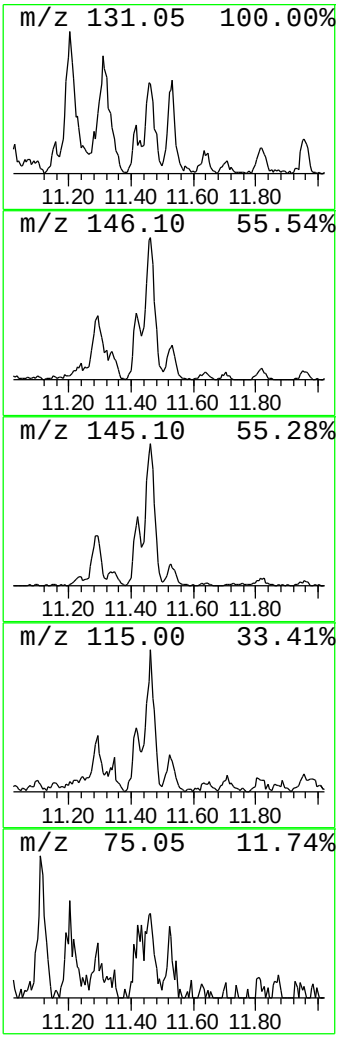
Peak Number 11 1H-Indazole, 5,7-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	3.63 ng/ul	121441	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	64
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	59
3	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	58
4	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	58
5	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	50





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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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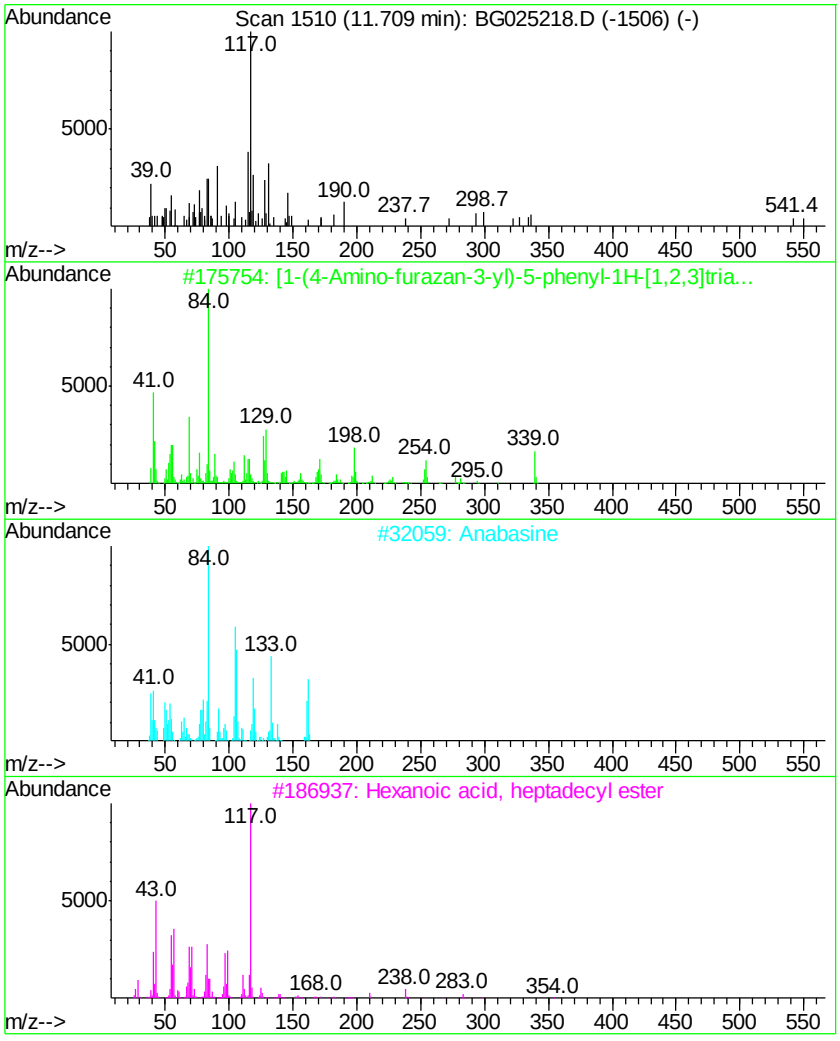
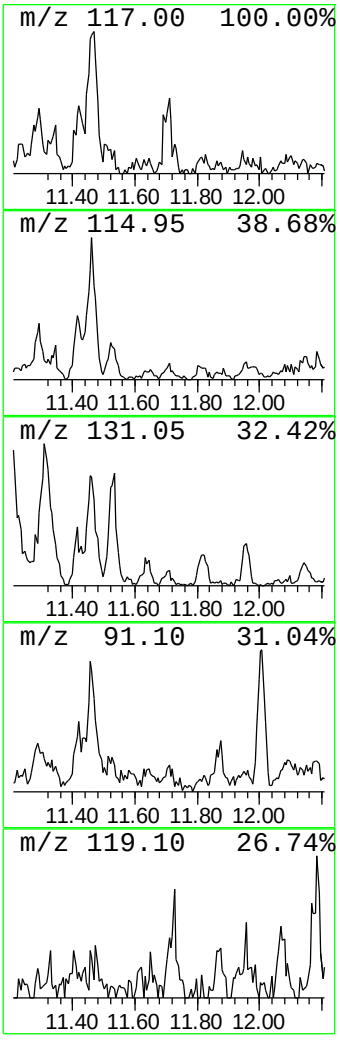
Peak Number 12 unknown-02 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	2.07 ng/ul	69165	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1-(4-Amino-furazan-3-yl)-5-phen...	339	C16H17N7O2	1000300-86-3	35
2	Anabasine	162	C10H14N2	000494-52-0	22
3	Hexanoic acid, heptadecyl ester	354	C23H46O2	1000282-83-9	22
4	2-Ethylbutyric acid, heptadecyl ...	354	C23H46O2	1000340-25-1	22
5	5-Ethyl-5-methyl-2-phenyl-2-oxaz...	189	C12H15NO	091875-70-6	22





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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Quant Title : SVOA CALIBRATION

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

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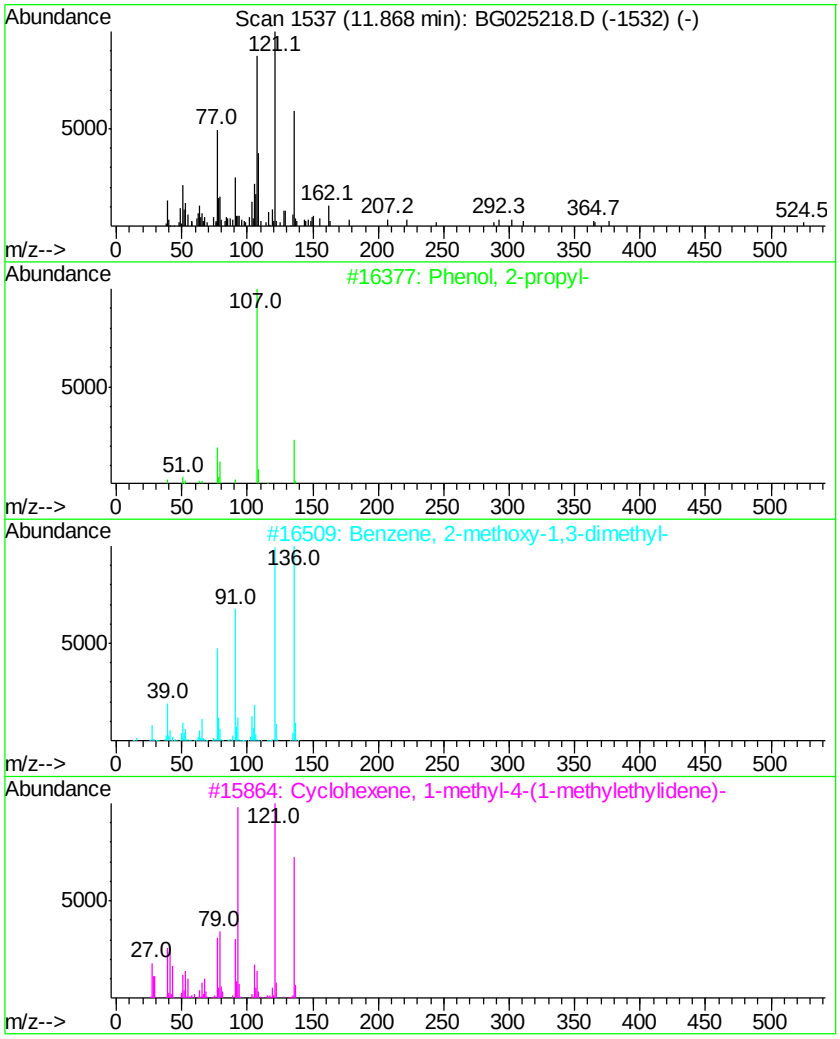
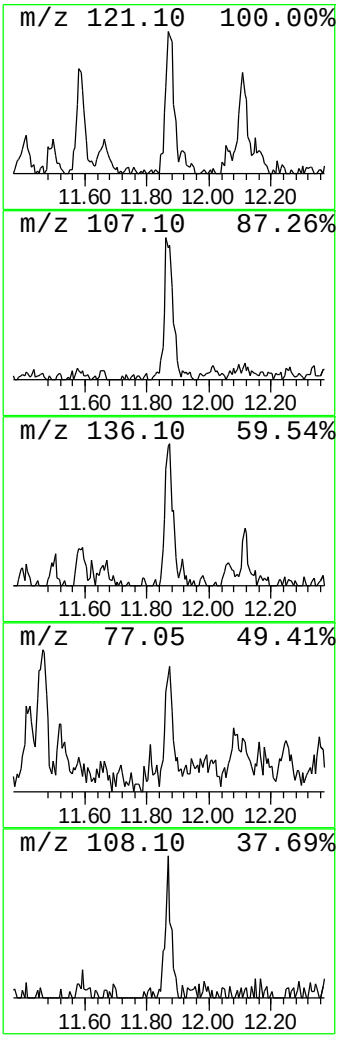
Peak Number 13 Phenol, 2-propyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	3.19 ng/ul	106868	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-propyl-	136	C9H12O	000644-35-9	55
2	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	53
3	Cyclohexene, 1-methyl-4-(1-methy...	136	C10H16	000586-62-9	50
4	Phenol, 2-propyl-	136	C9H12O	000644-35-9	46
5	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	43





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Sample : H5995-11
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Instrument : BNA_G
ClientSampleId : DA876

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Quant Title : SVOA CALIBRATION

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

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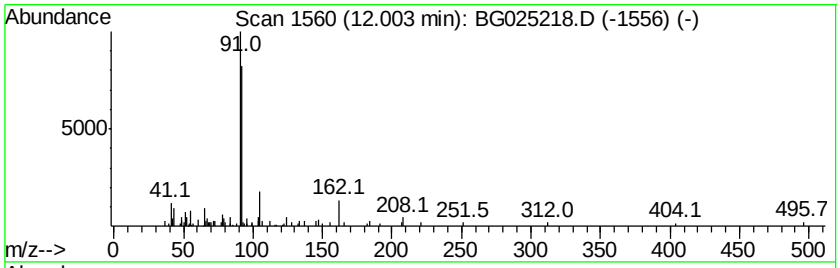
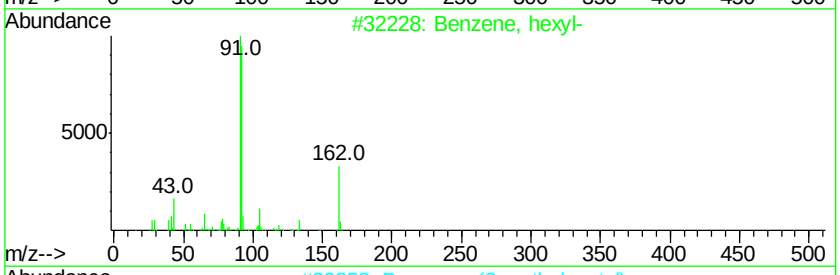
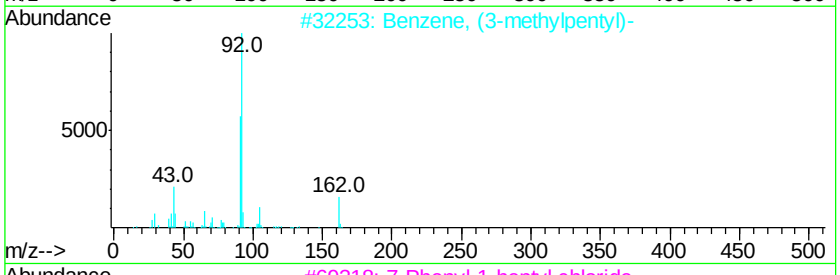
Peak Number 14 Benzene, hexyl- Concentration Rank 56

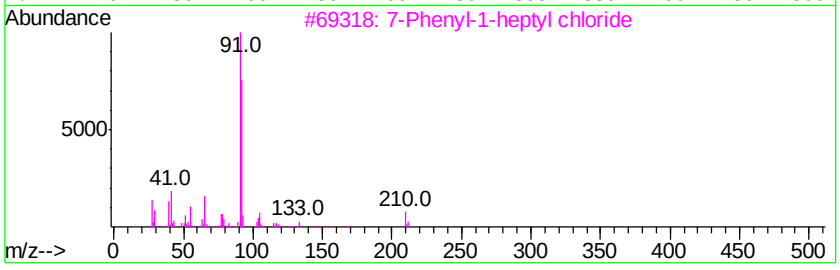
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	2.18 ng/ul	72995	Naphthalene-d8	11.06

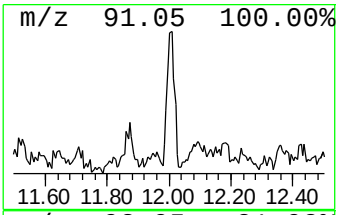
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexyl-	162	C12H18	001077-16-3	64
2	Benzene, (3-methylpentyl)-	162	C12H18	054410-69-4	45
3	7-Phenyl-1-heptyl chloride	210	C13H19Cl	071434-47-4	45
4	1-Chloro-6-phenylhexane	196	C12H17Cl	071434-68-9	45
5	Benzene, hexyl-	162	C12H18	001077-16-3	39

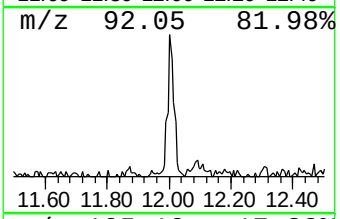


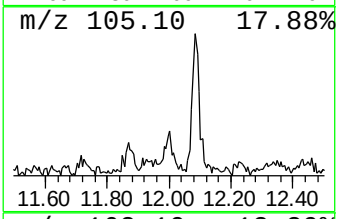


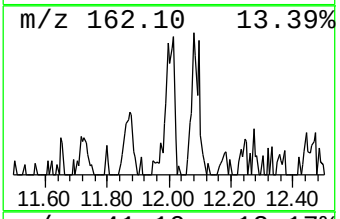


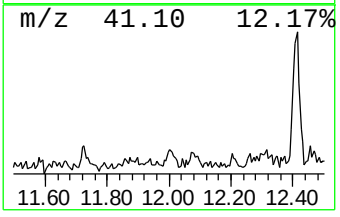












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Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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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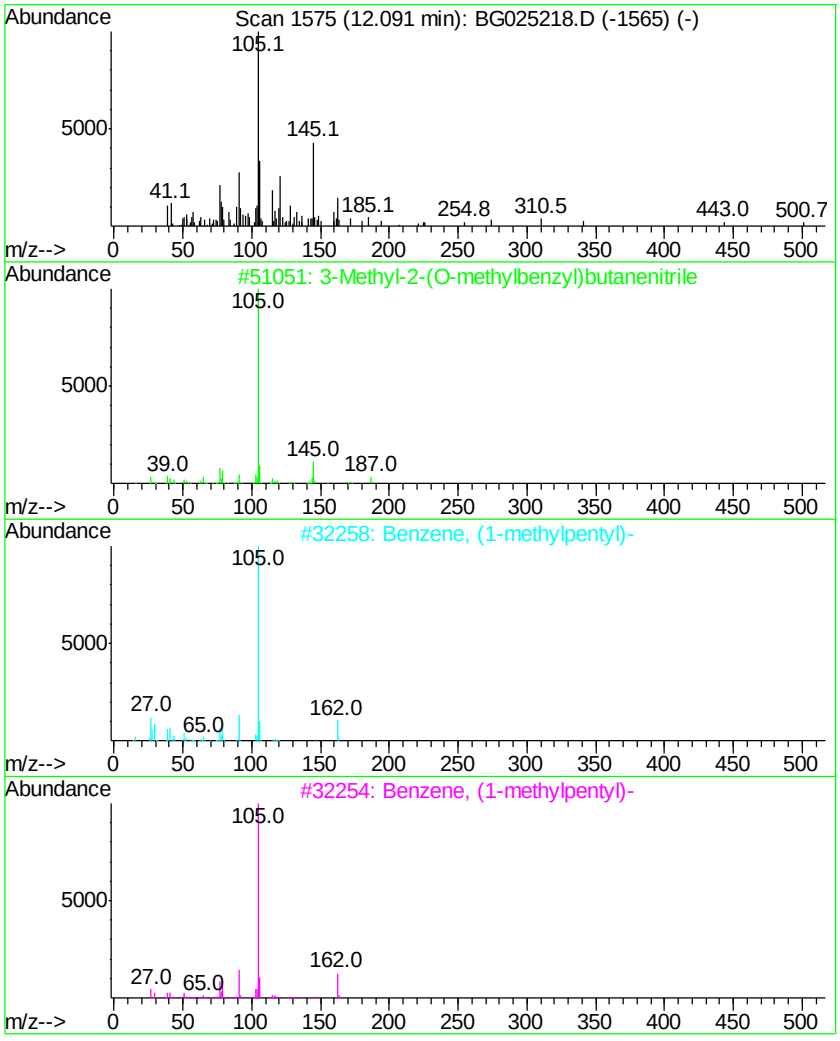
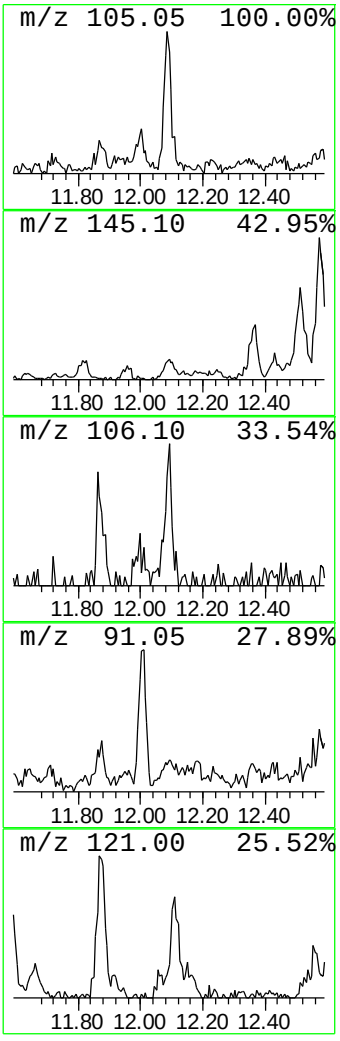
Peak Number 15 unknown-03 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	3.65 ng/ul	122015	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-2-(O-methylbenzyl)butan...	187	C13H17N	029107-37-7	27
2	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	27
3	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	14
4	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	14
5	Benzamide, N-[1-(3.beta.,4.alpha...	415	C17H23Br2NO	1000196-04-4	10





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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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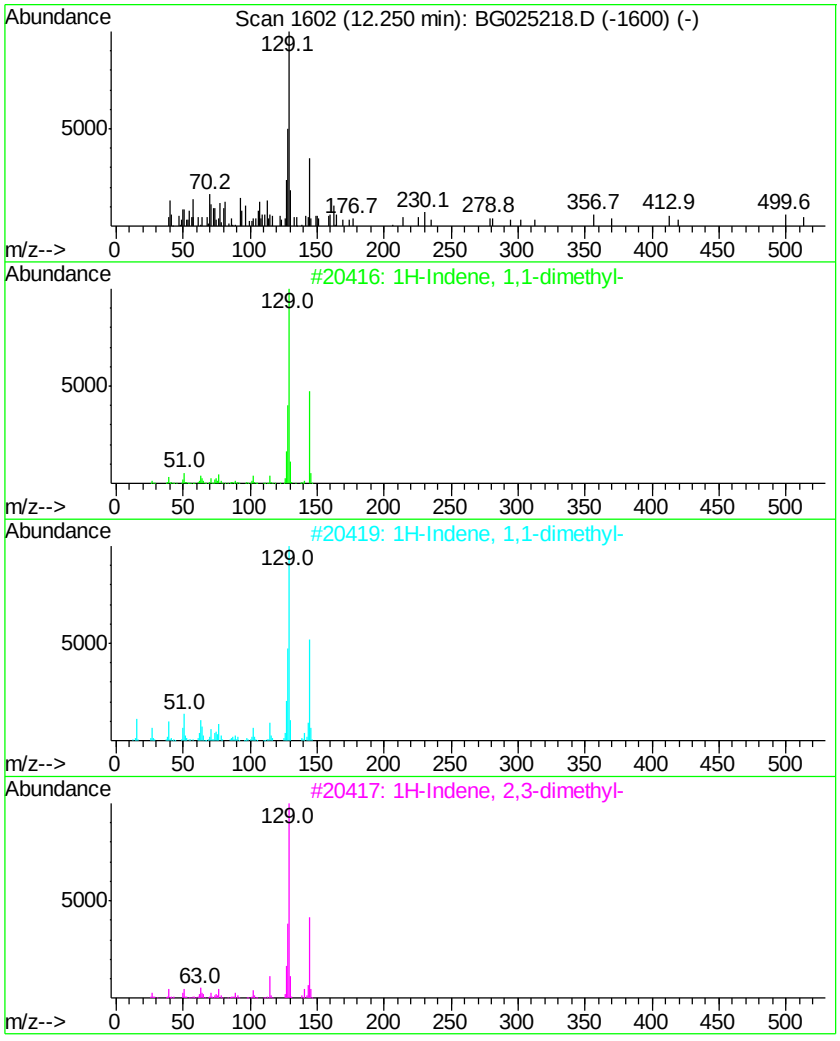
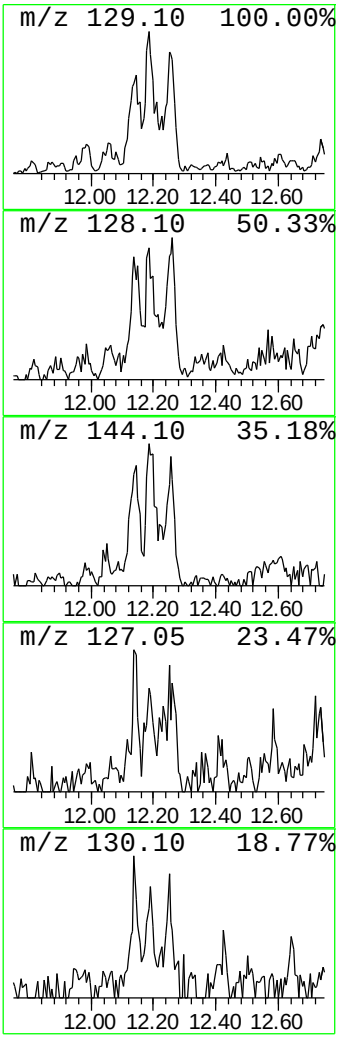
Peak Number 16 1H-Indene, 1,1-dimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	2.44 ng/ul	81739	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	83
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	80
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	72
4	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	68
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	59





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Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

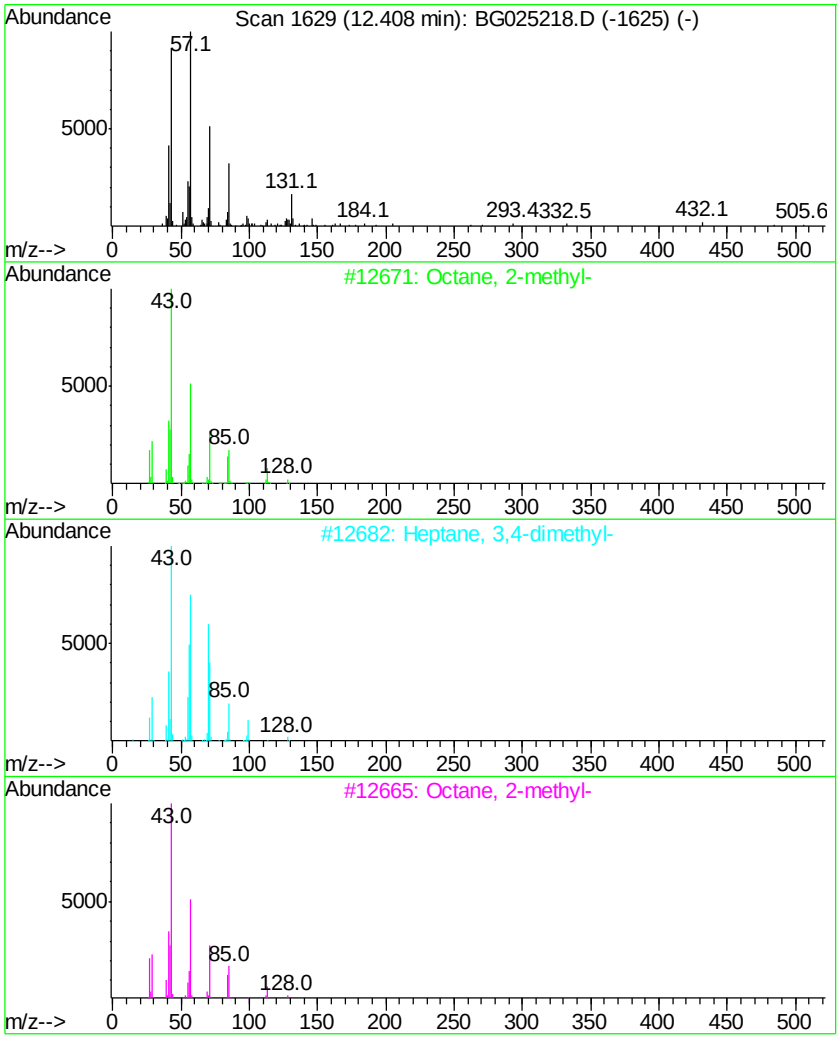
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

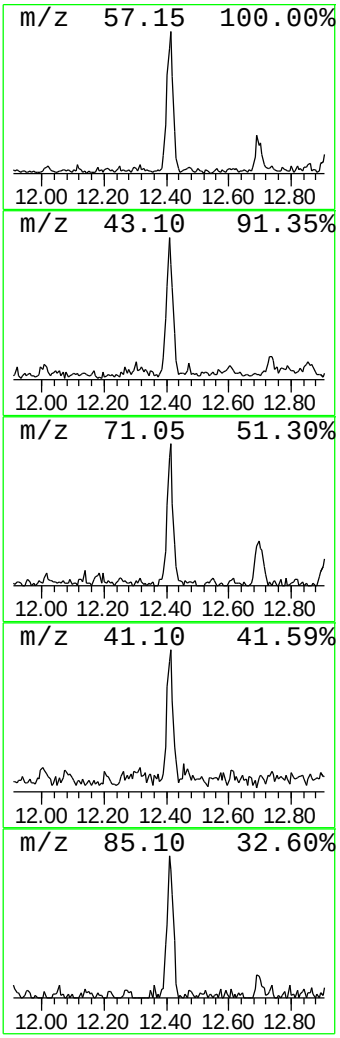
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	5.53 ng/ul	184988	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	58
2	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	58
3	Octane, 2-methyl-	128	C9H20	003221-61-2	53
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	53
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	47





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Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

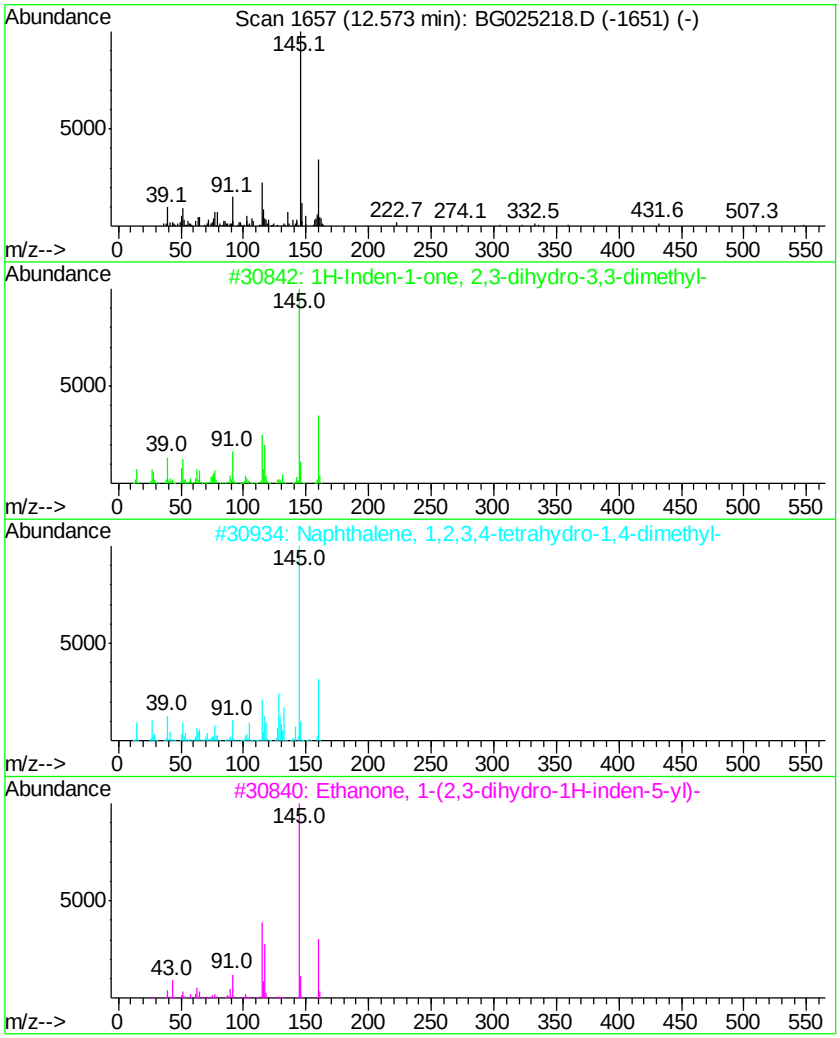
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

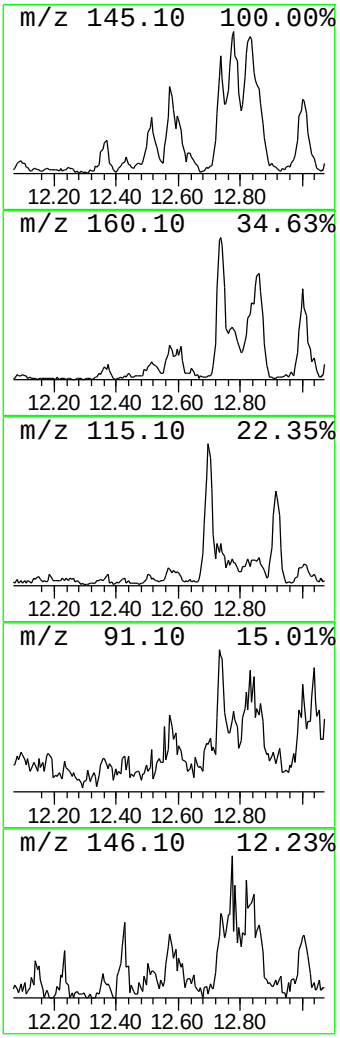
****

Peak Number 18 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	4.03 ng/ul	134712	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	68
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	64
5	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	64





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

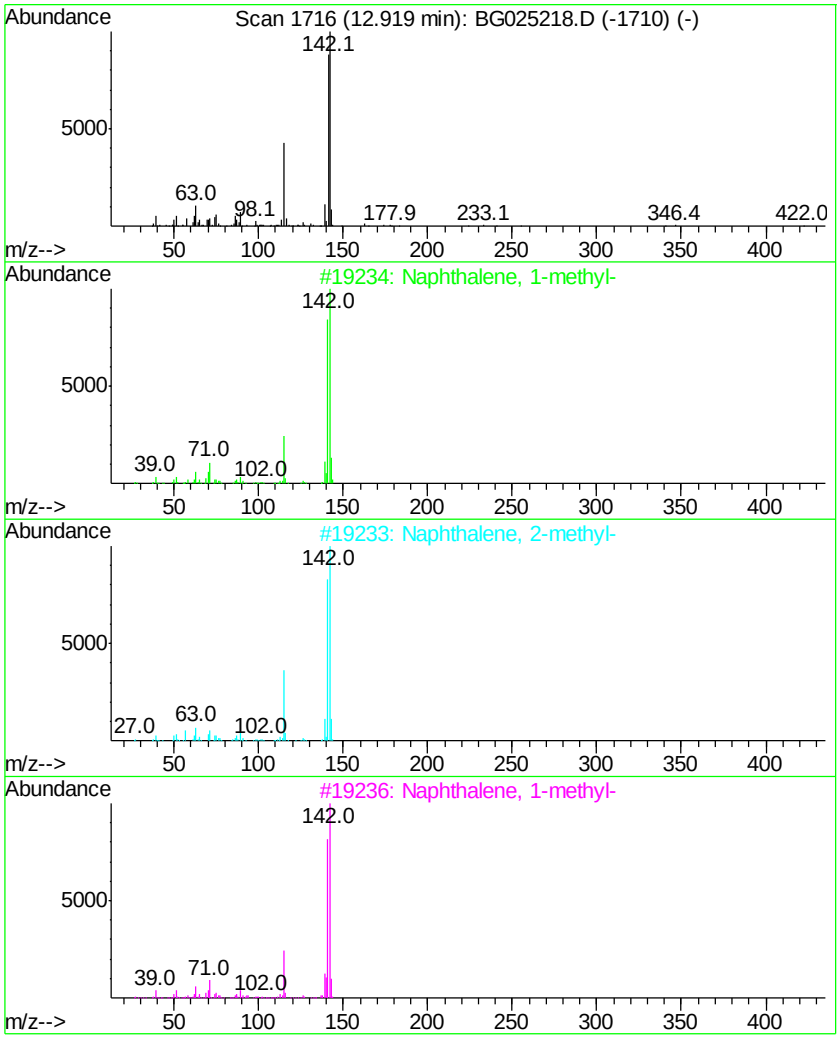
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

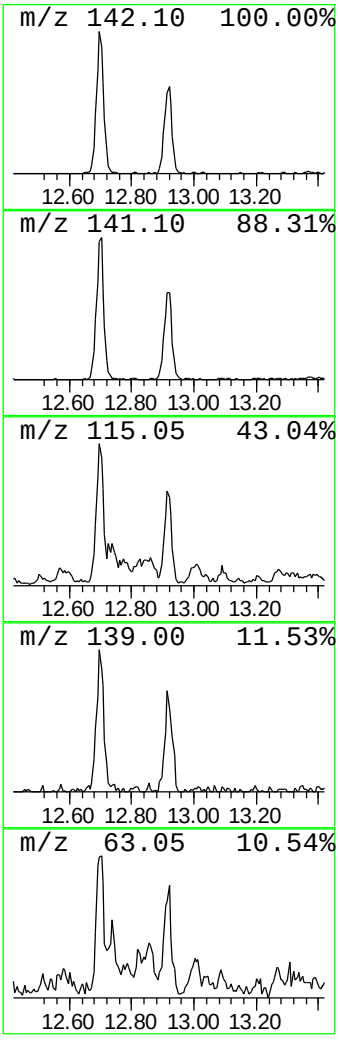
****

Peak Number 20 Naphthalene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	13.32 ng/ul	445866	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

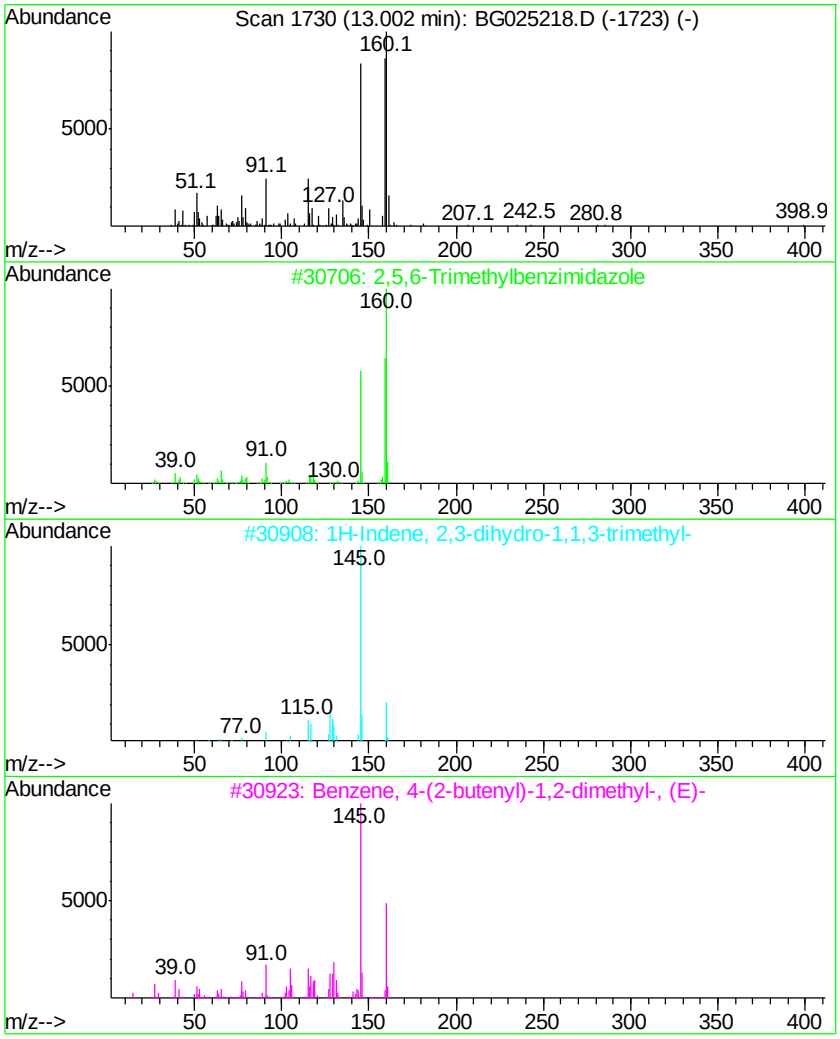
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

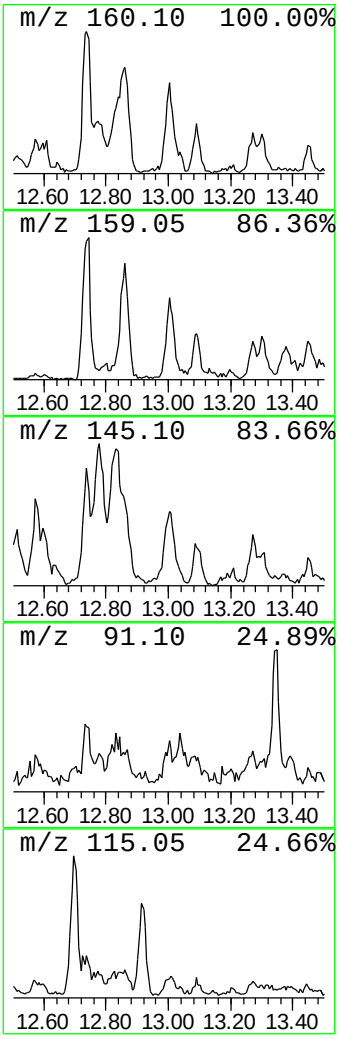
****

Peak Number 21 2,5,6-Trimethylbenzimidazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	6.58 ng/ul	288332	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	80
2	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	50
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	49





Library Search Compound Report

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Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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Quant Title : SVOA CALIBRATION

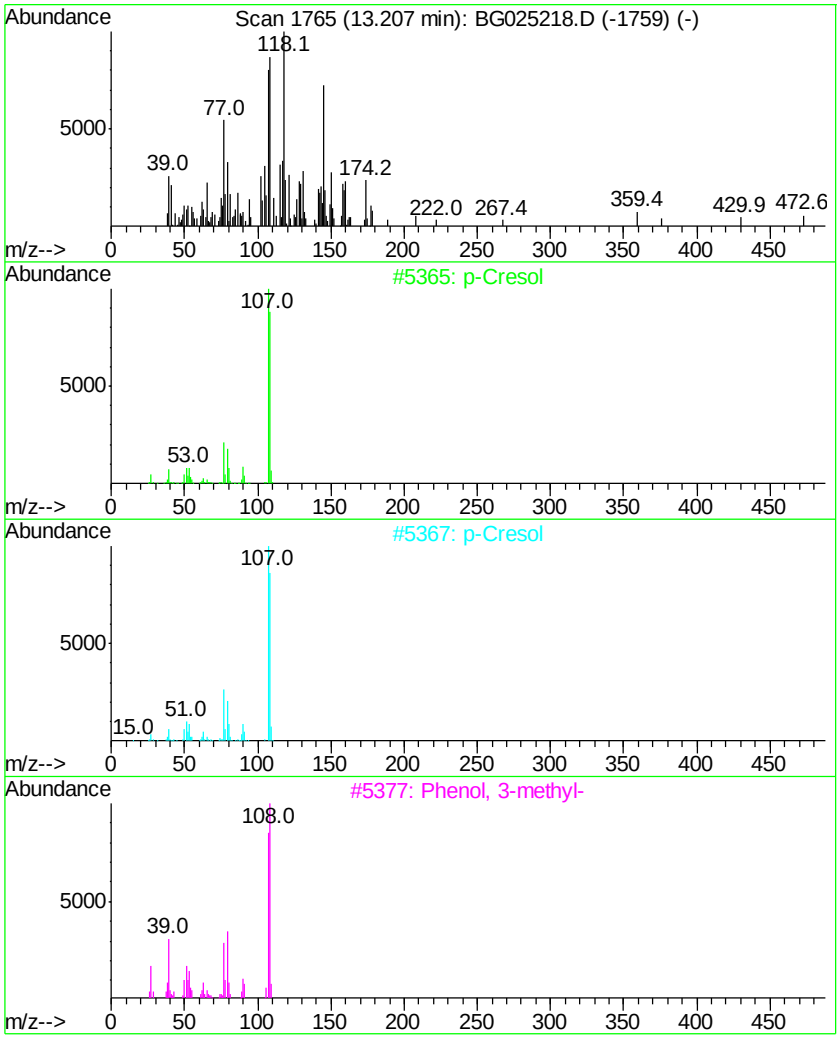
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

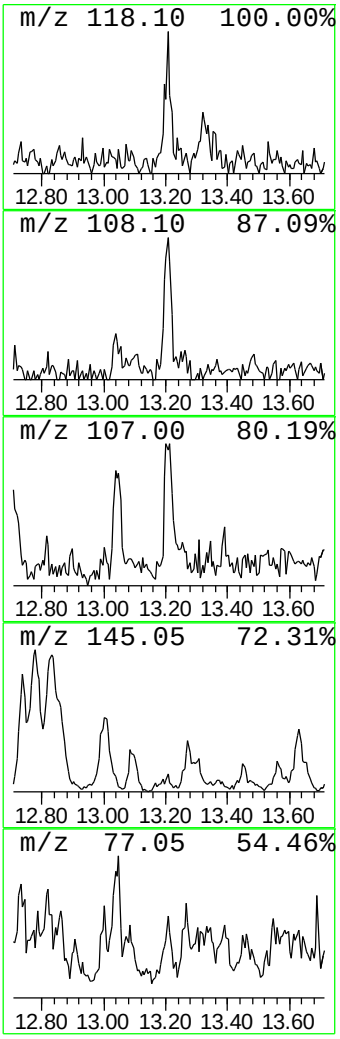
****

Peak Number 23 unknown-04 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	2.41 ng/ul	105510	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	30
2	p-Cresol	108	C7H8O	000106-44-5	30
3	Phenol, 3-methyl-	108	C7H8O	000108-39-4	30
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	25
5	3-Nitrobenzylamine	152	C7H8N2O2	007409-18-9	25





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

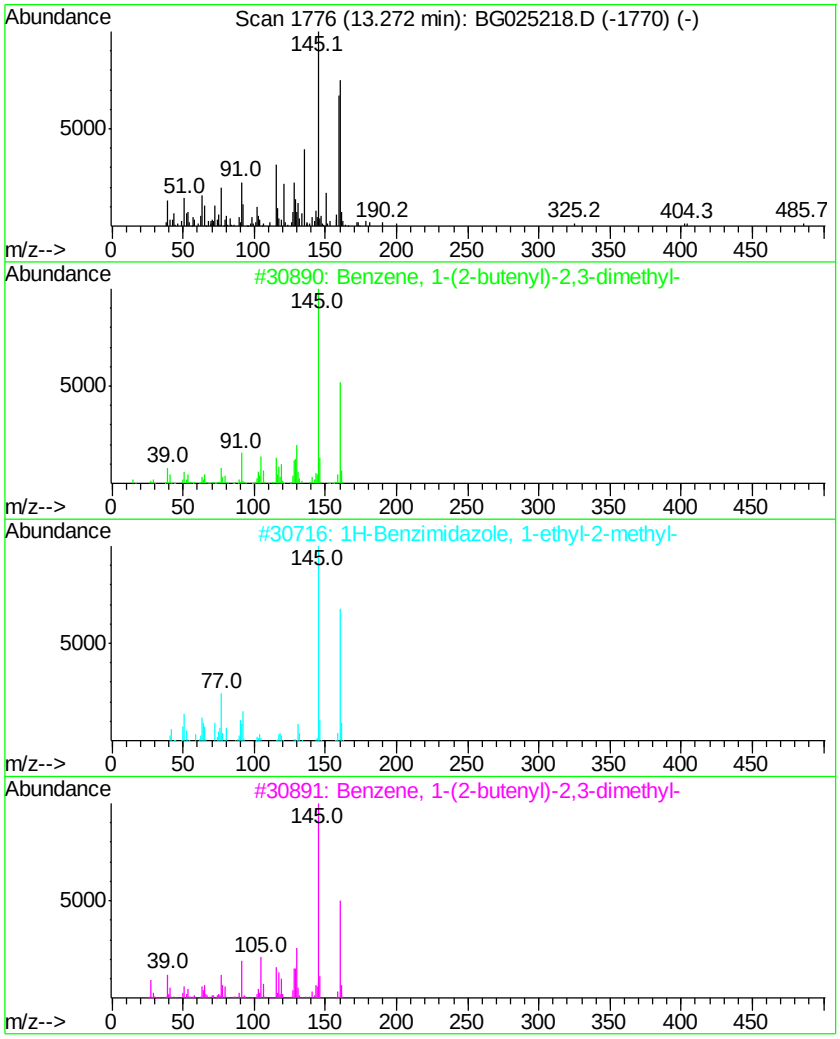
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

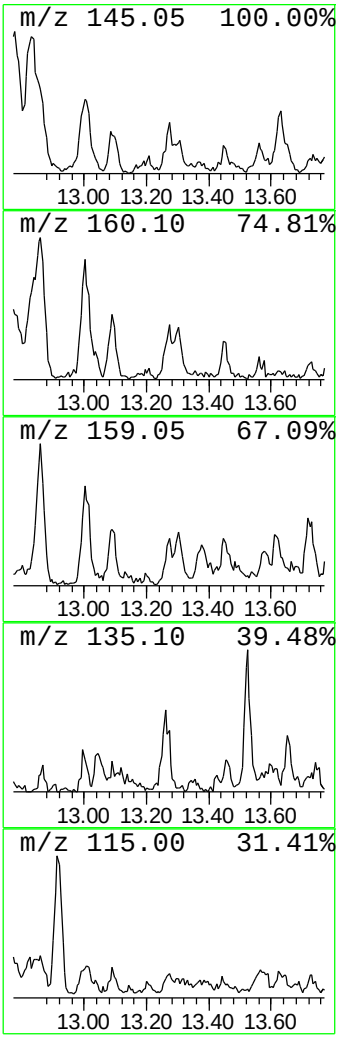
****

Peak Number 24 Benzene, 1-(2-butenyl)-2,3-... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	4.10 ng/ul	179652	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	58
2	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	53
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	52
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	50
5	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	49





Library Search Compound Report

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Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

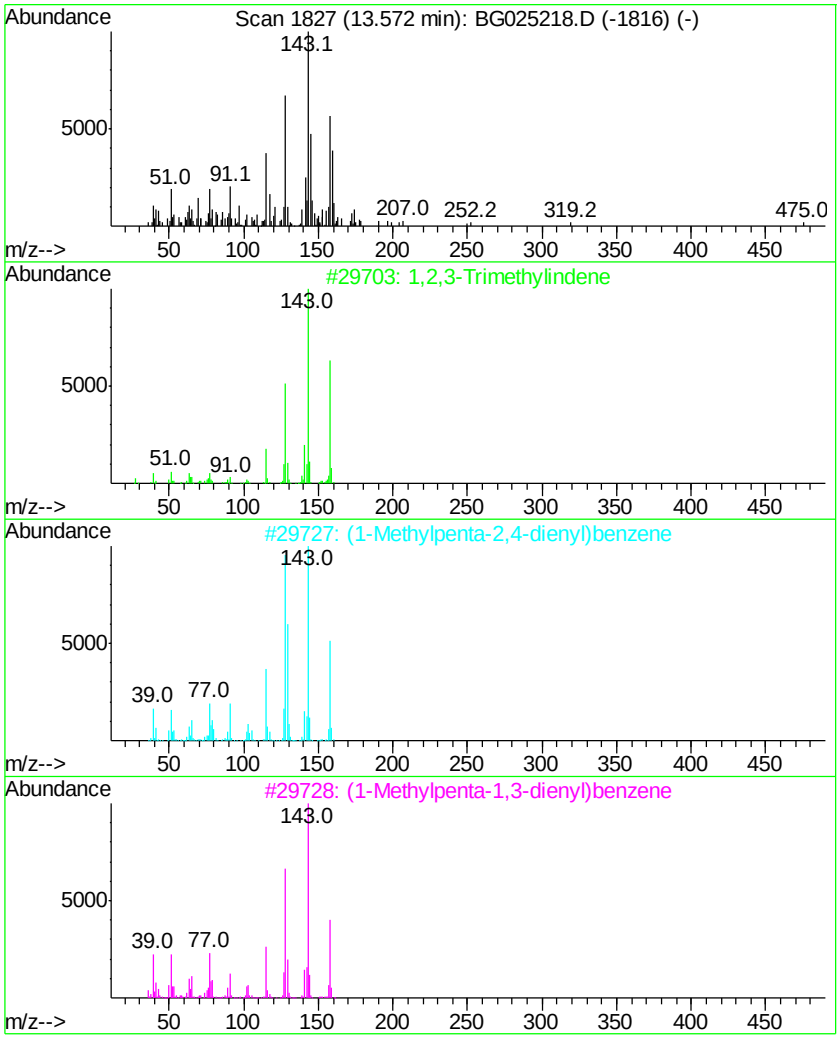
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

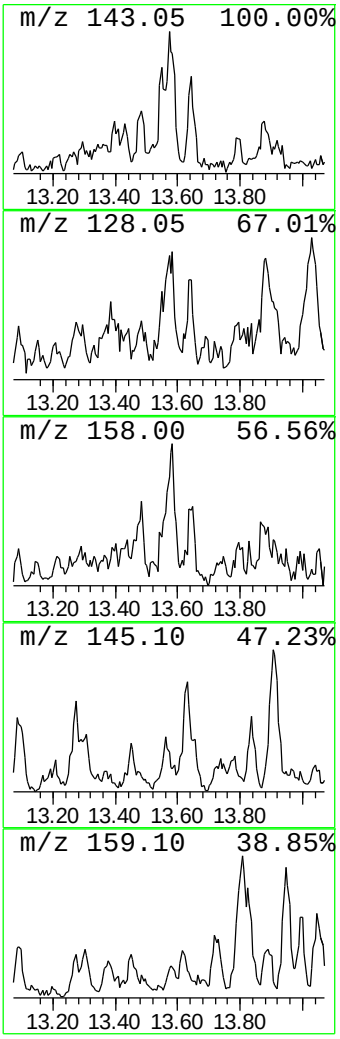
****

Peak Number 26 1,2,3-Trimethylindene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	6.21 ng/ul	272112	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Trimethylindene	158	C12H14	004773-83-5	58
2	(1-Methylpenta-2,4-dienyl)benzene	158	C12H14	1000210-01-1	52
3	(1-Methylpenta-1,3-dienyl)benzene	158	C12H14	116669-49-9	52
4	1H-Indene, 1,1,3-trimethyl-	158	C12H14	002177-45-9	49
5	1,2,3-Trimethylindene	158	C12H14	004773-83-5	49





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

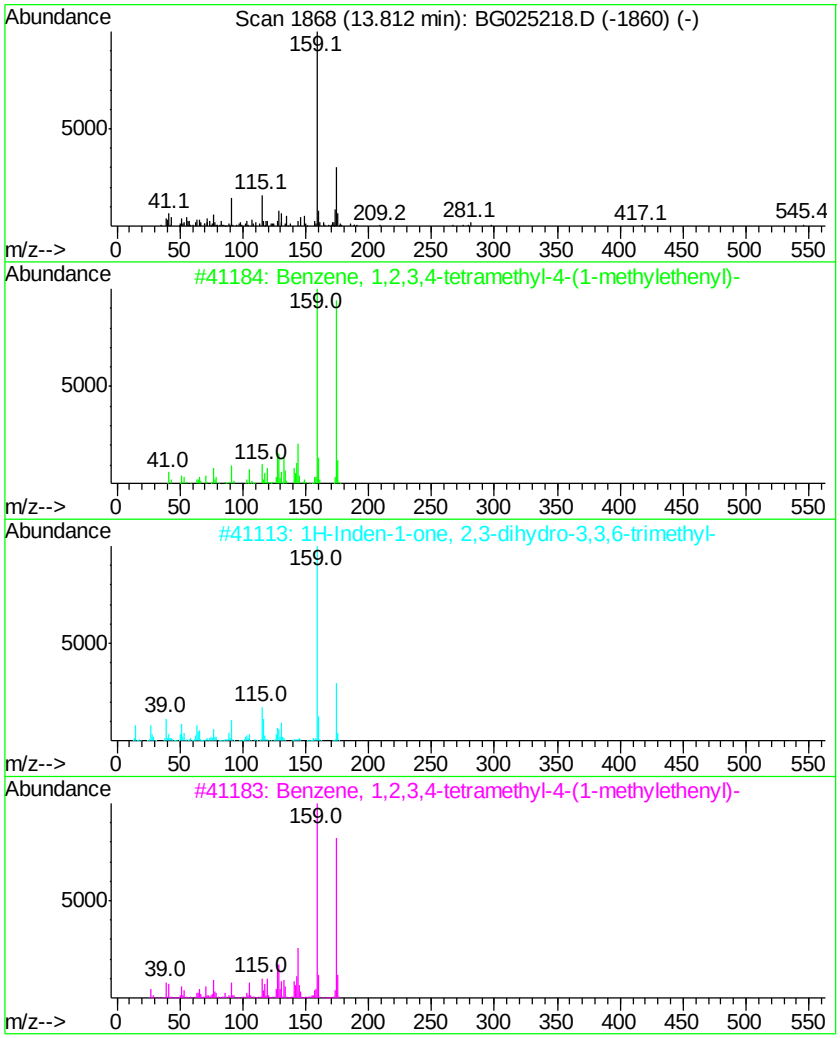
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

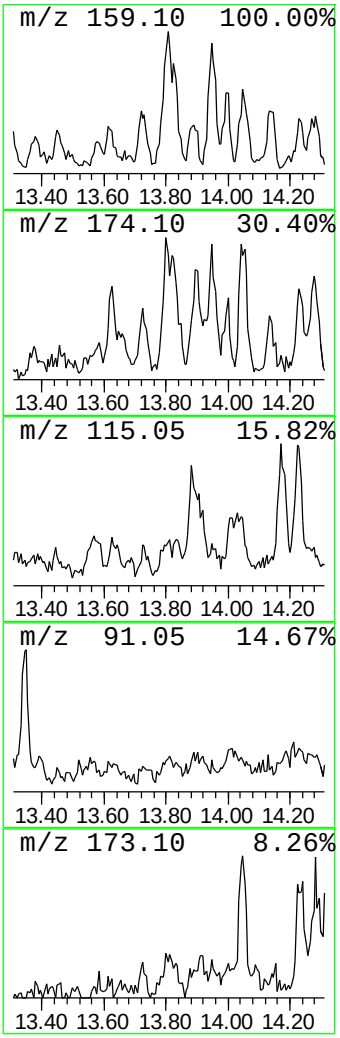
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 Benzene, 1,2,3,4-tetramethy... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.81	4.19 ng/ul	183521	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	86
2	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	83
3	Benzene, 1,2,3,4-tetramethyl-4-(...	174	C13H18	061142-76-5	78
4	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	74
5	Naphthalene, 1,2,3,4-tetrahydro-...	174	C13H18	000475-03-6	72





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

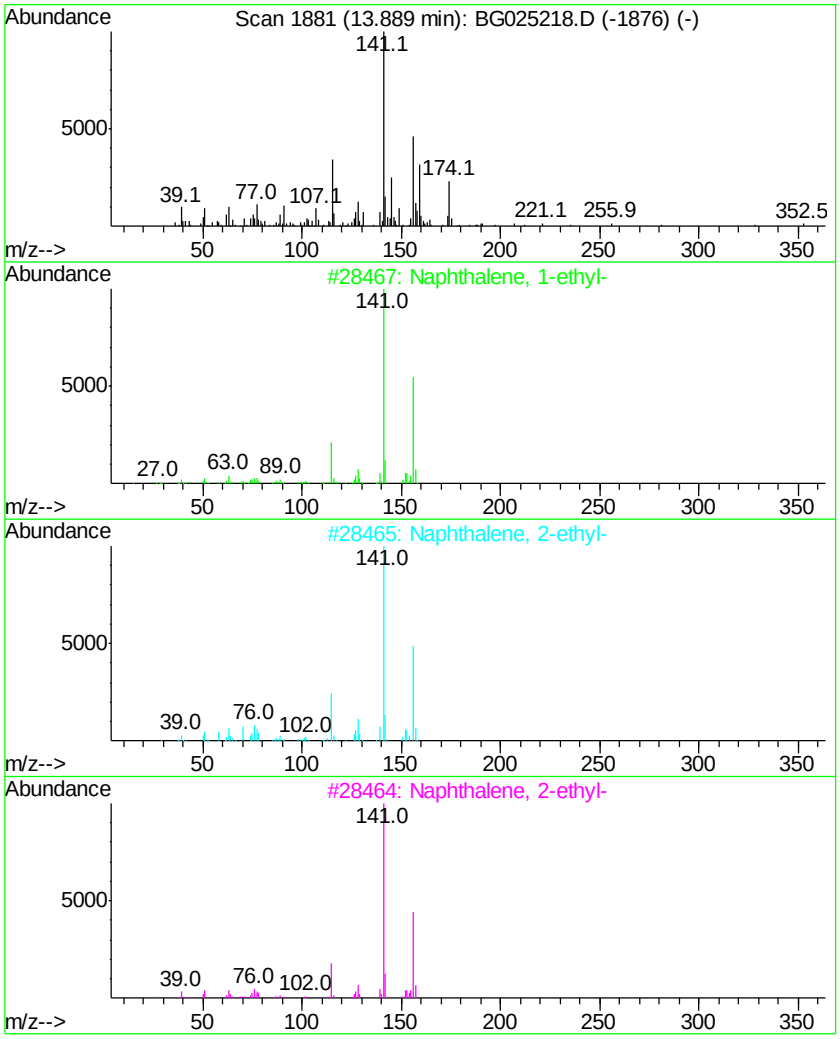
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

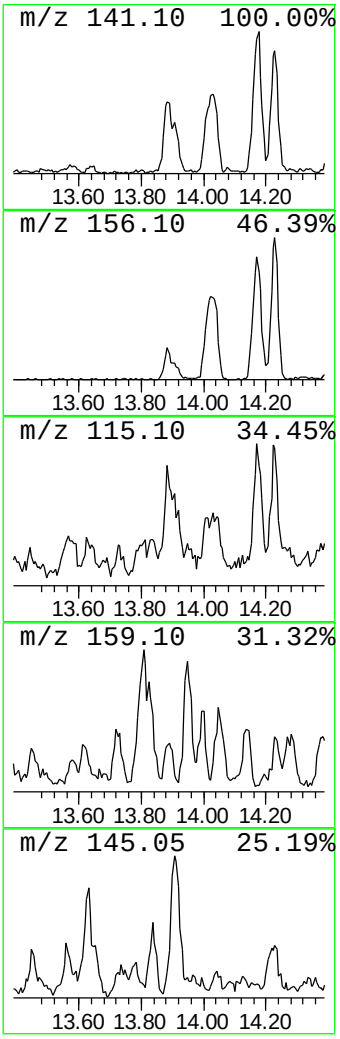
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	6.86 ng/ul	300855	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	92
2	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	70
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64





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Instrument : BNA_G
ClientSampleId : DA876

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Quant Title : SVOA CALIBRATION

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

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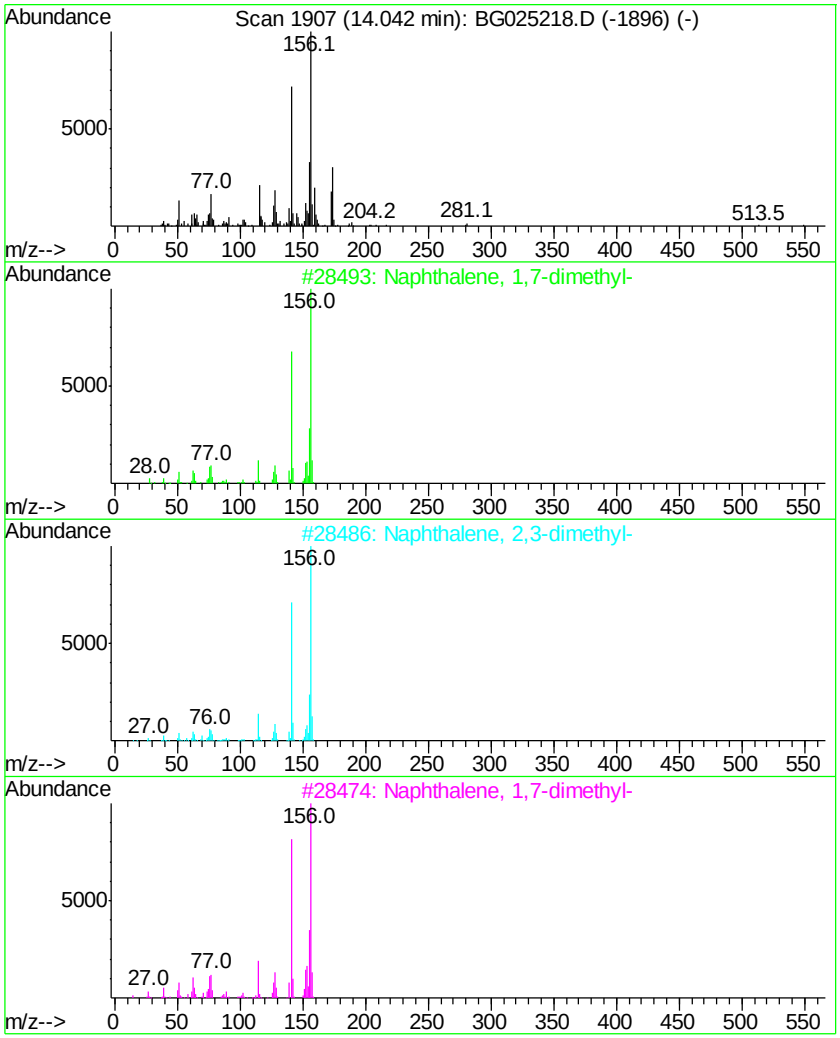
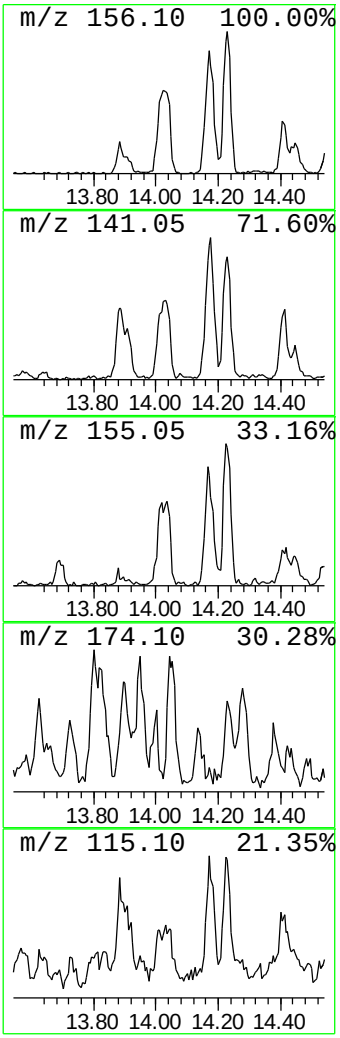
Peak Number 29 Naphthalene, 1,7-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	15.16 ng/ul	664520	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Instrument : BNA_G
ClientSampleId : DA876

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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 30 Naphthalene, 1,4-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	13.61 ng/ul	596602	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	94
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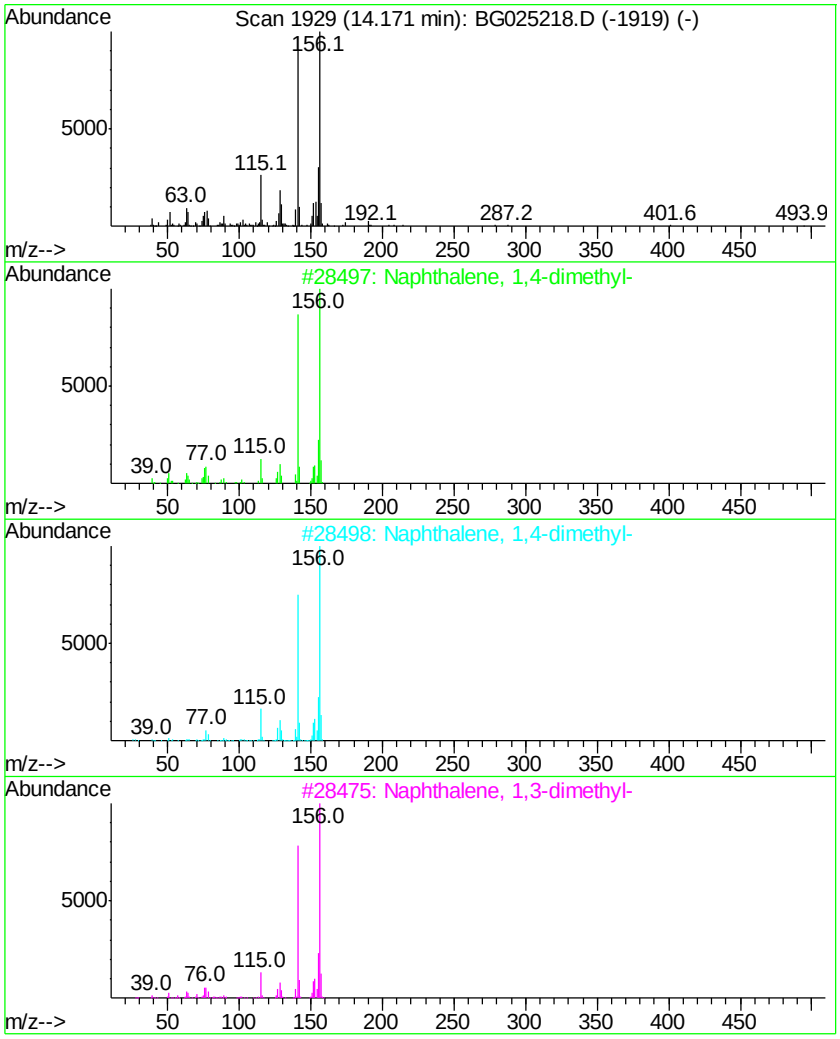

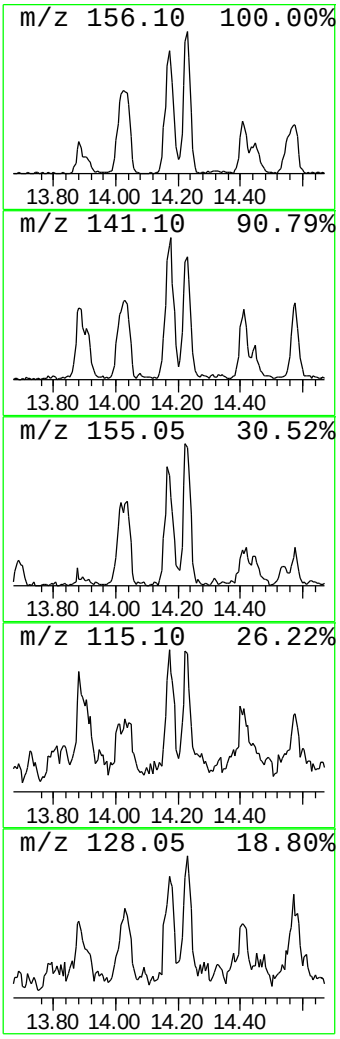

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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

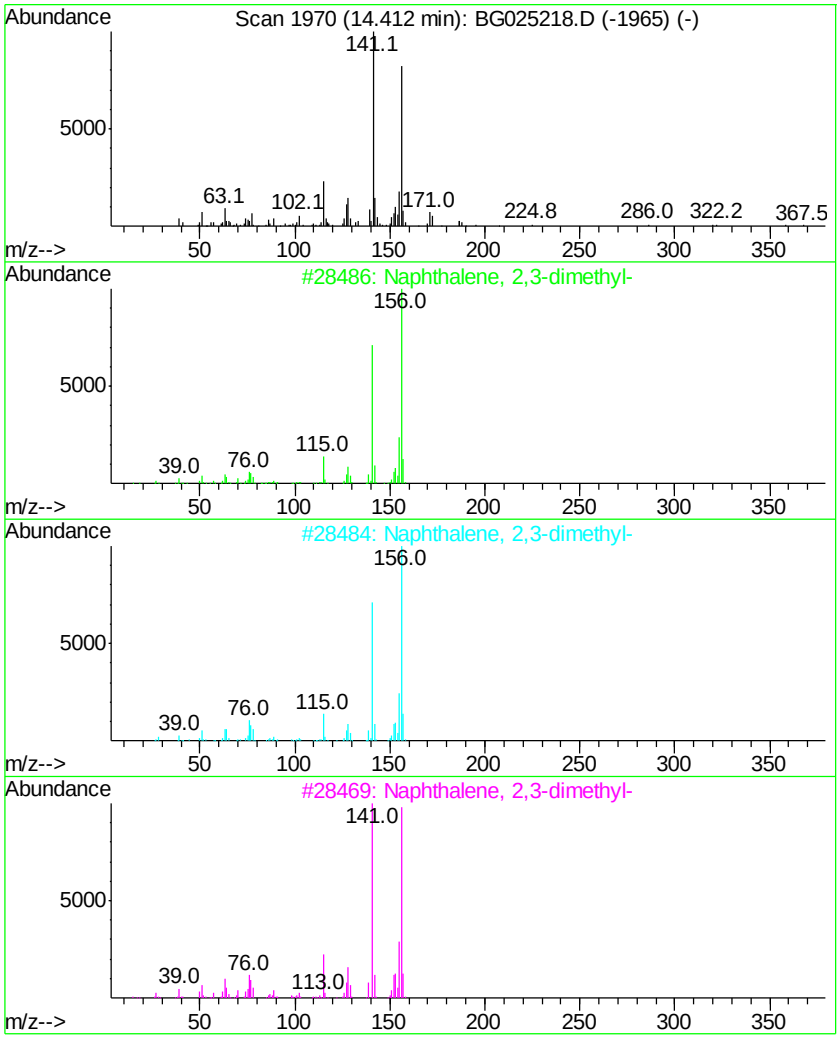
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

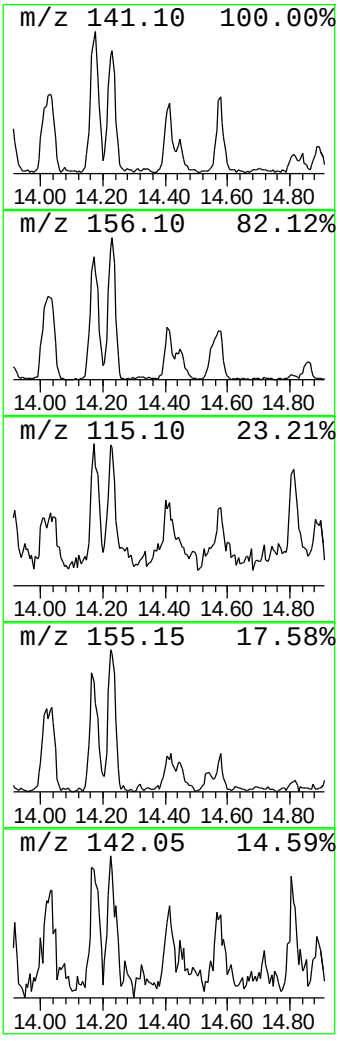
****

Peak Number 31 Naphthalene, 2,3-dimethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.41	4.15 ng/ul	181788	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	91
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	90
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	90
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

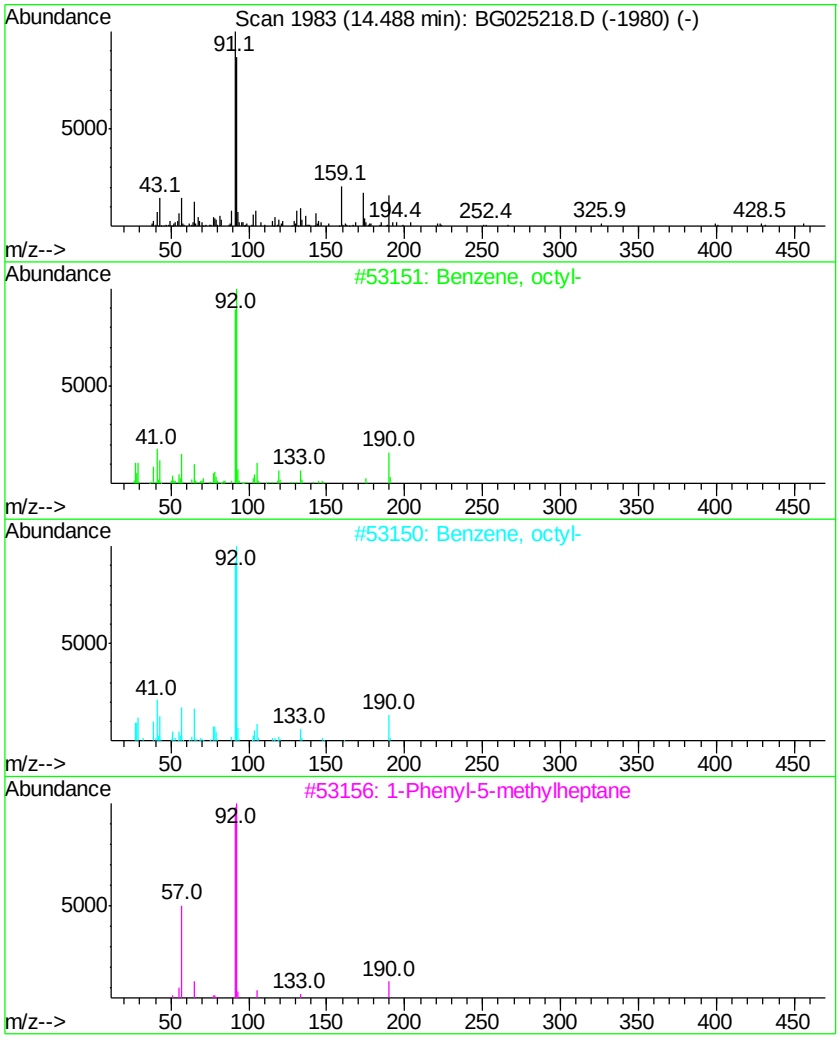
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

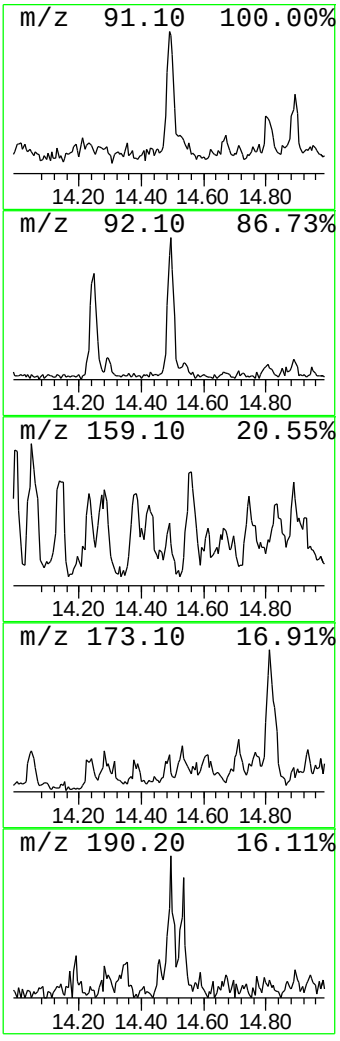
****

Peak Number 32 Benzene, octyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.49	2.70 ng/ul	118427	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, octyl-	190	C14H22	002189-60-8	68
2	Benzene, octyl-	190	C14H22	002189-60-8	68
3	1-Phenyl-5-methylheptane	190	C14H22	103240-92-2	52
4	7-Phenyl-1-heptyl chloride	210	C13H19Cl	071434-47-4	50
5	Benzene, octyl-	190	C14H22	002189-60-8	50





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Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

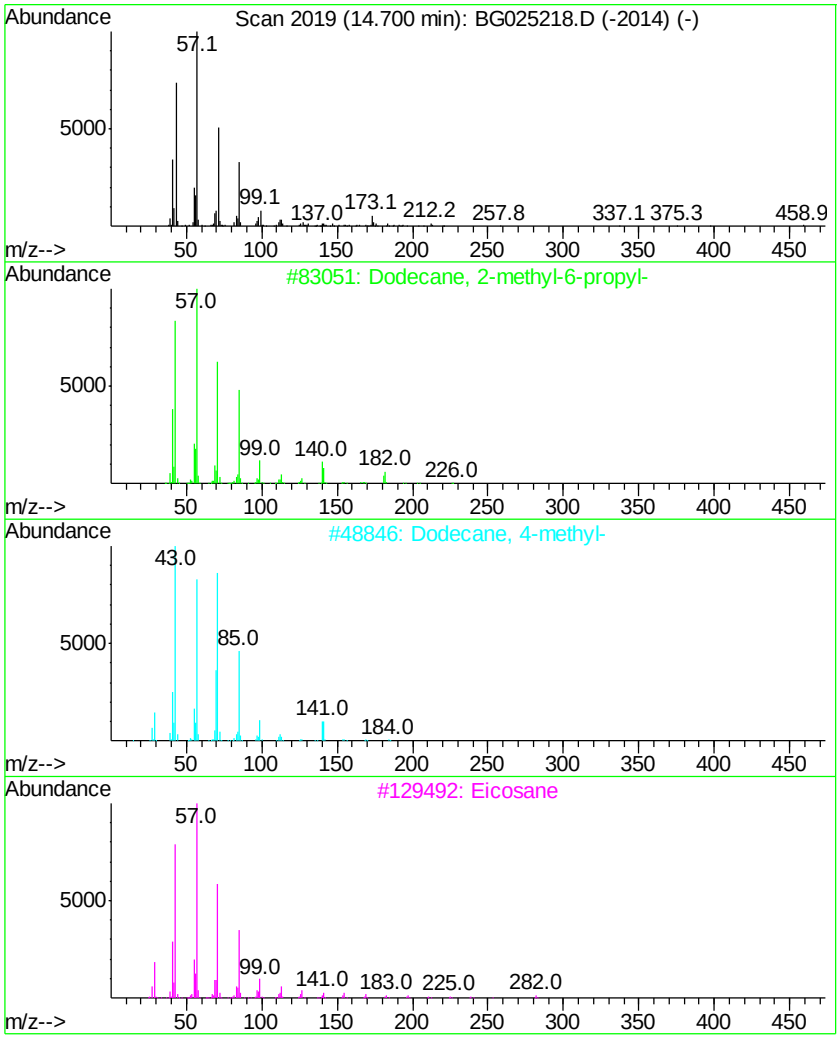
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

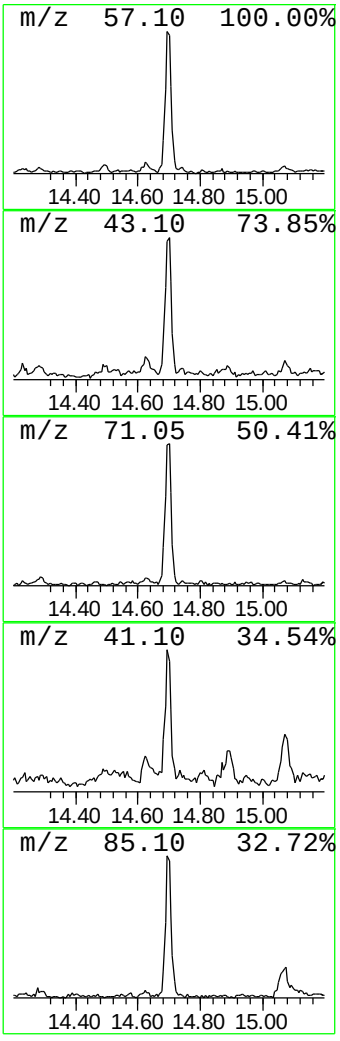
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	10.19 ng/ul	446820	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
2	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
3	Eicosane	282	C20H42	000112-95-8	72
4	Hexadecane	226	C16H34	000544-76-3	72
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
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Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

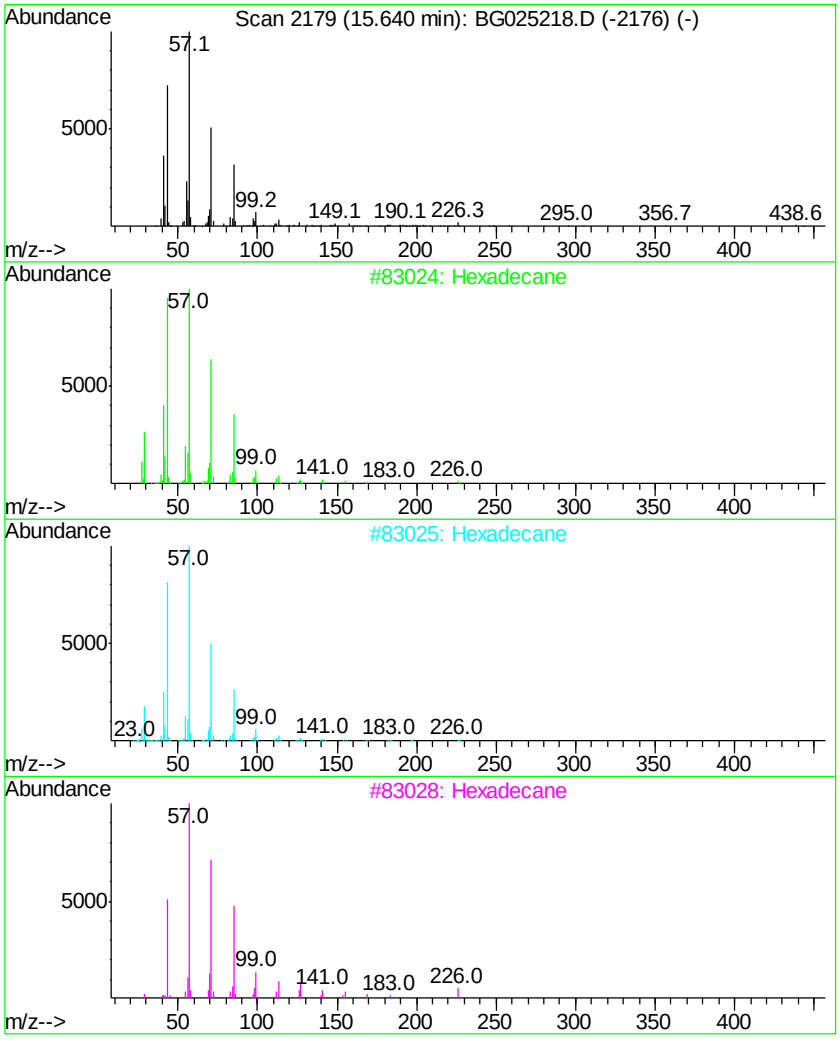
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

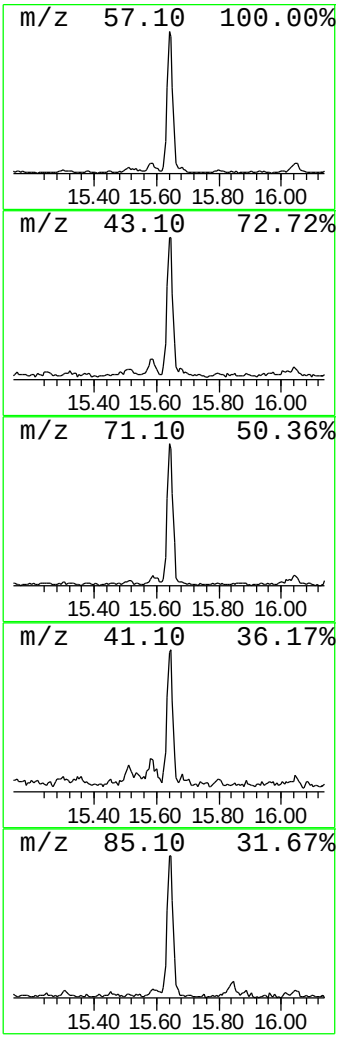
****

Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	21.91 ng/ul	960152	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Hexadecane	226	C16H34	000544-76-3	87
3	Hexadecane	226	C16H34	000544-76-3	81
4	3,5-Dimethyldodecane	198	C14H30	107770-99-0	72
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





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Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

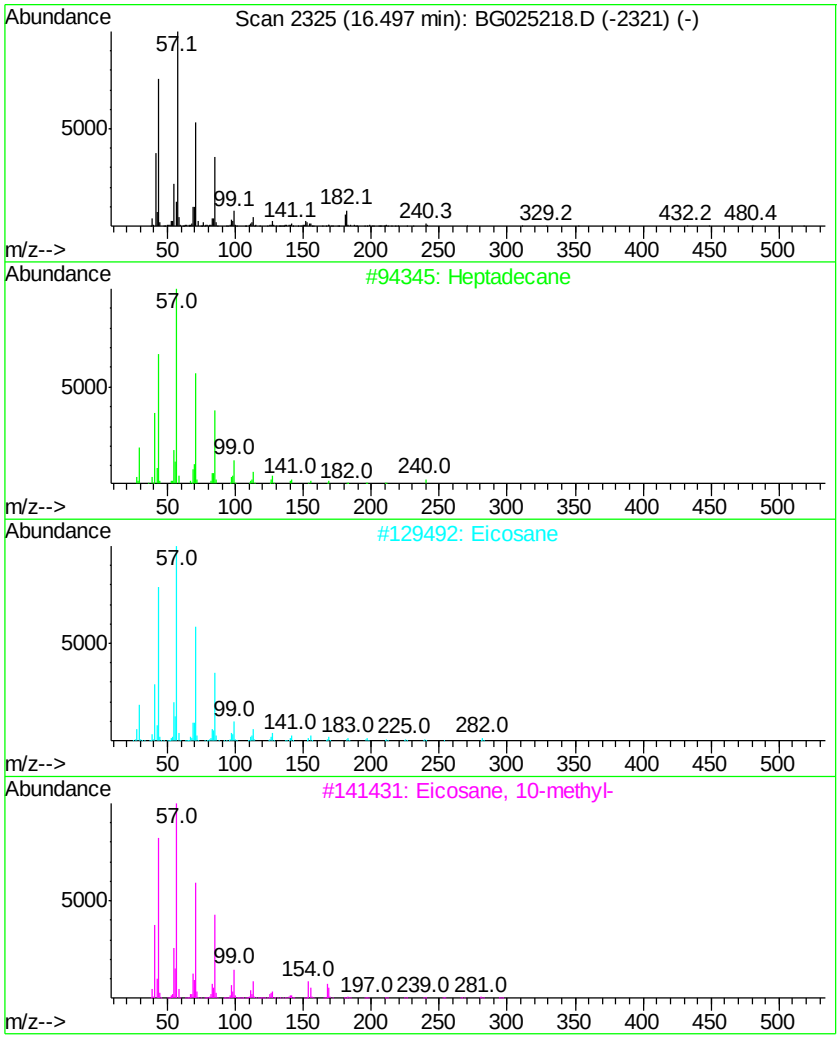
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

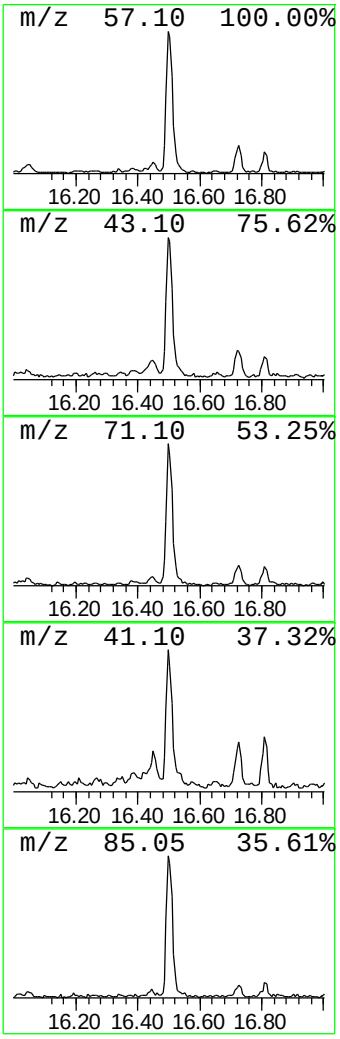
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	13.42 ng/ul	918543	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	74
2	Eicosane	282	C20H42	000112-95-8	72
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
5	Heptacosane	380	C27H56	000593-49-7	72





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Acq On : 15 Dec 2016 19:18
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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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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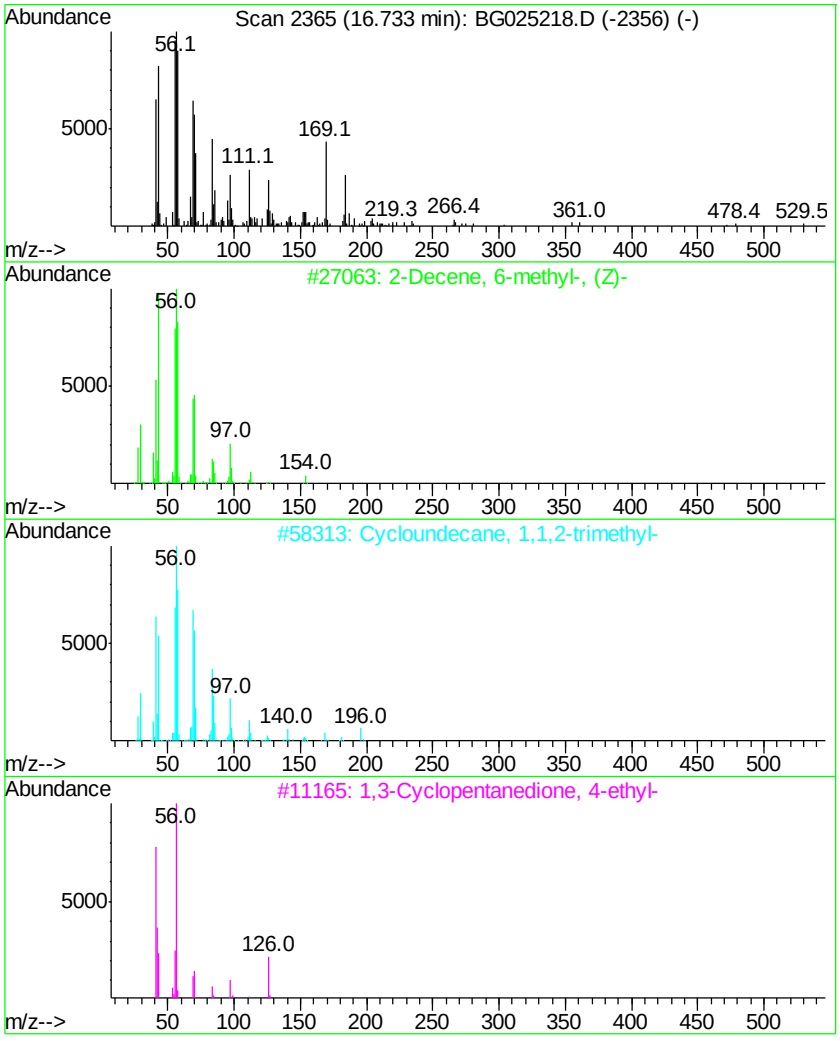
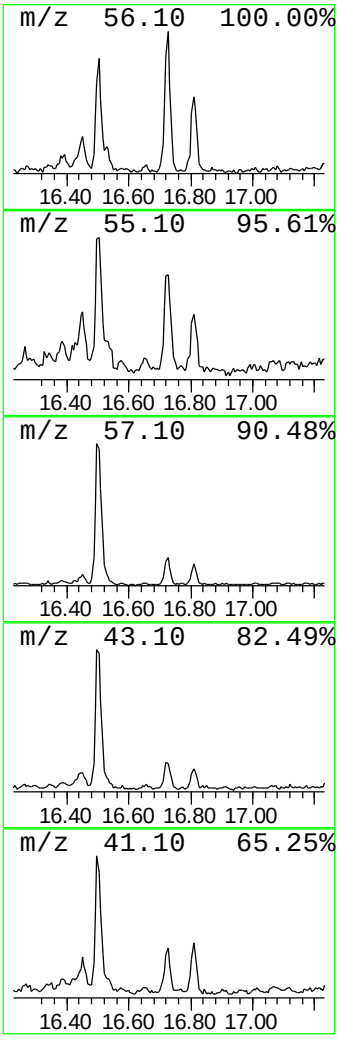
Peak Number 45 (DEL) Alkane: Cyclic16.73 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	6.19 ng/ul	423497	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Decene, 6-methyl-, (Z)-	154	C11H22	074630-31-2	64
2	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	58
3	1,3-Cyclopentanedione, 4-ethyl-	126	C7H10O2	057157-03-6	49
4	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	49
5	Cyclopropane, pentyl-	112	C8H16	002511-91-3	49





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

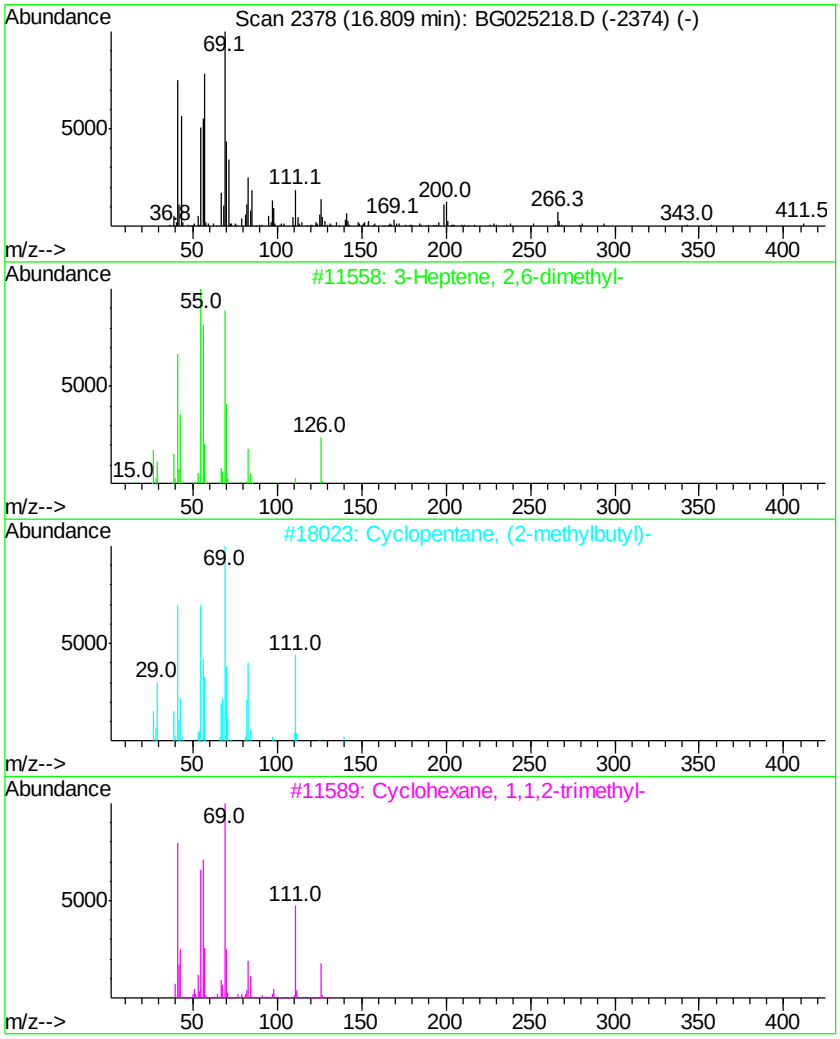
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

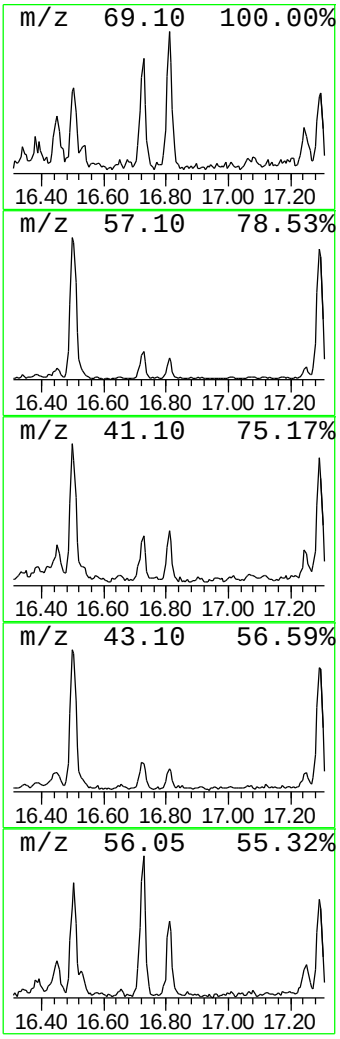
****

Peak Number 46 (DEL) Alkane: Cyclic16.81 Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	3.64 ng/ul	249204	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	74
2	Cyclopentane, (2-methylbutyl)-	140	C10H20	053366-38-4	58
3	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52
4	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	52
5	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

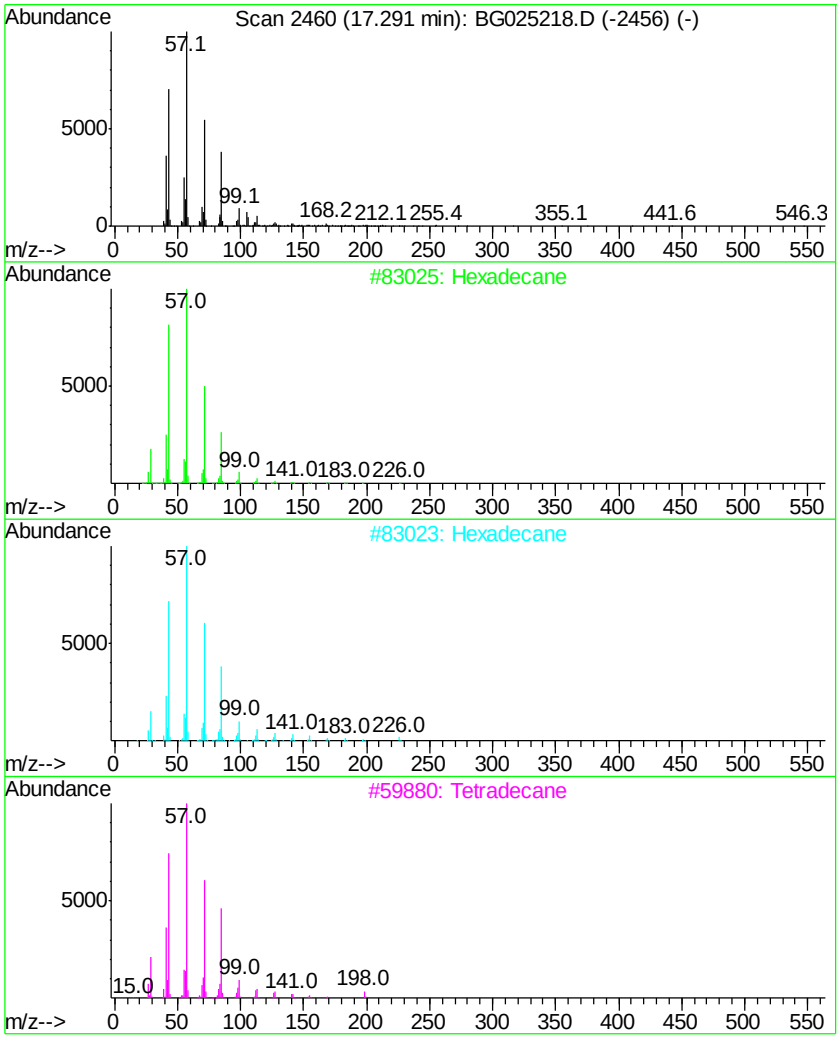
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

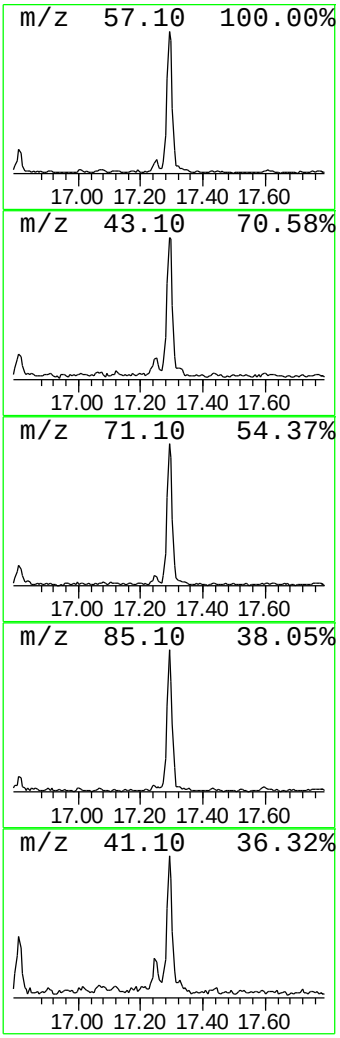
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	13.34 ng/ul	913308	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	96
2	Hexadecane	226	C16H34	000544-76-3	91
3	Tetradecane	198	C14H30	000629-59-4	72
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	70
5	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	68





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Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

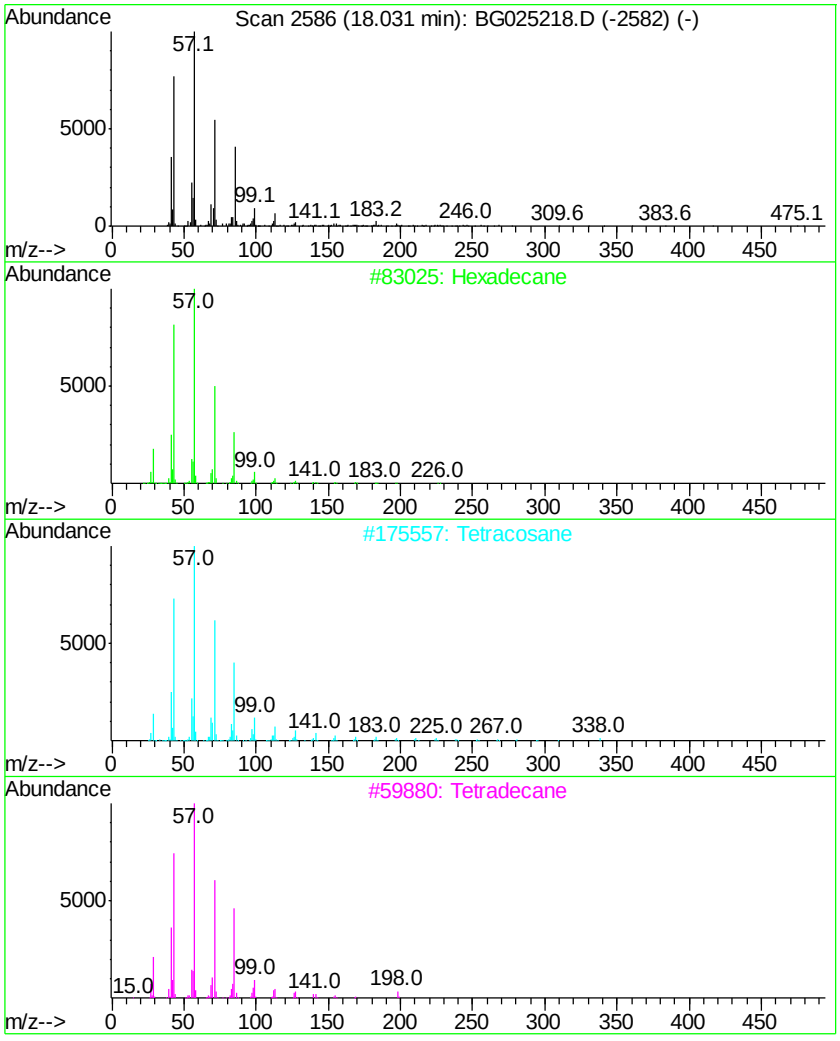
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

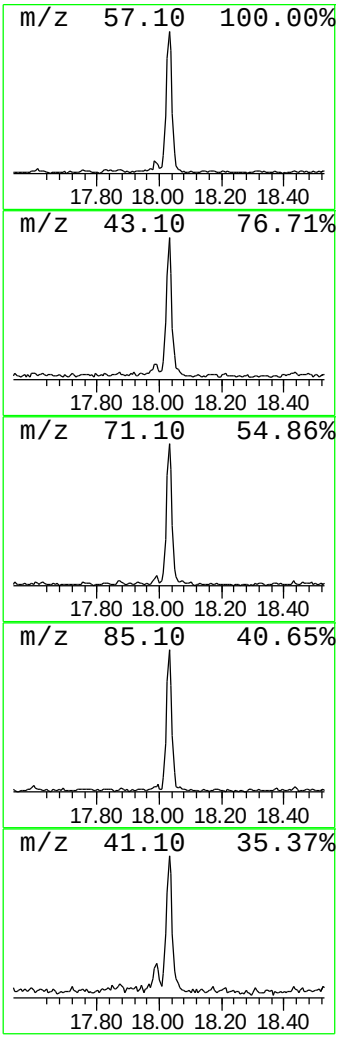
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	11.61 ng/ul	794462	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Tetradecane	198	C14H30	000629-59-4	90
4	Heptadecane	240	C17H36	000629-78-7	86
5	Heptadecane	240	C17H36	000629-78-7	81





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Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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

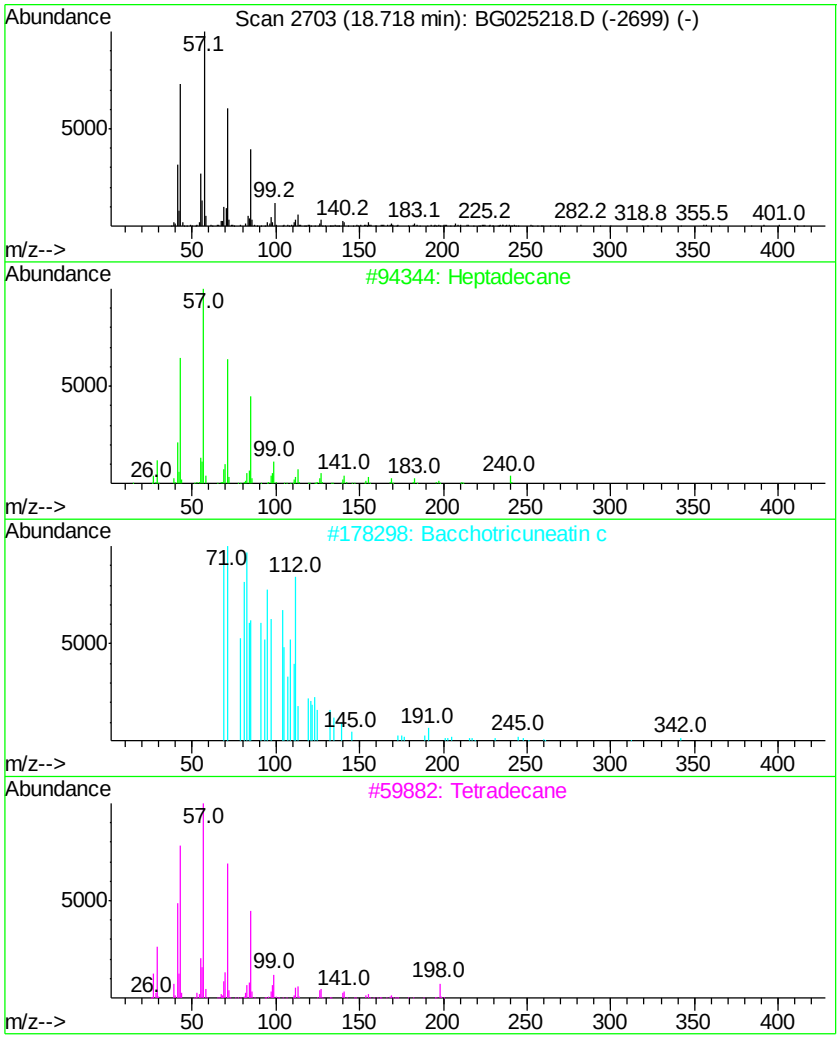
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

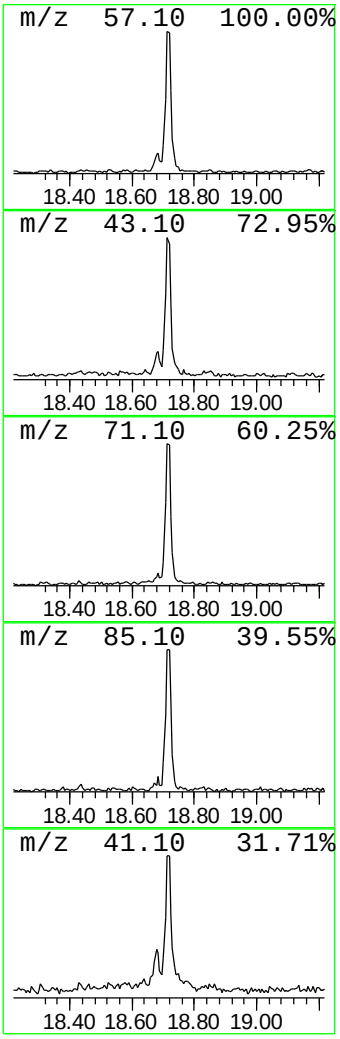
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	9.39 ng/ul	642834	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	92
3	Tetradecane	198	C14H30	000629-59-4	87
4	Eicosane	282	C20H42	000112-95-8	86
5	Pentadecane	212	C15H32	000629-62-9	86





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

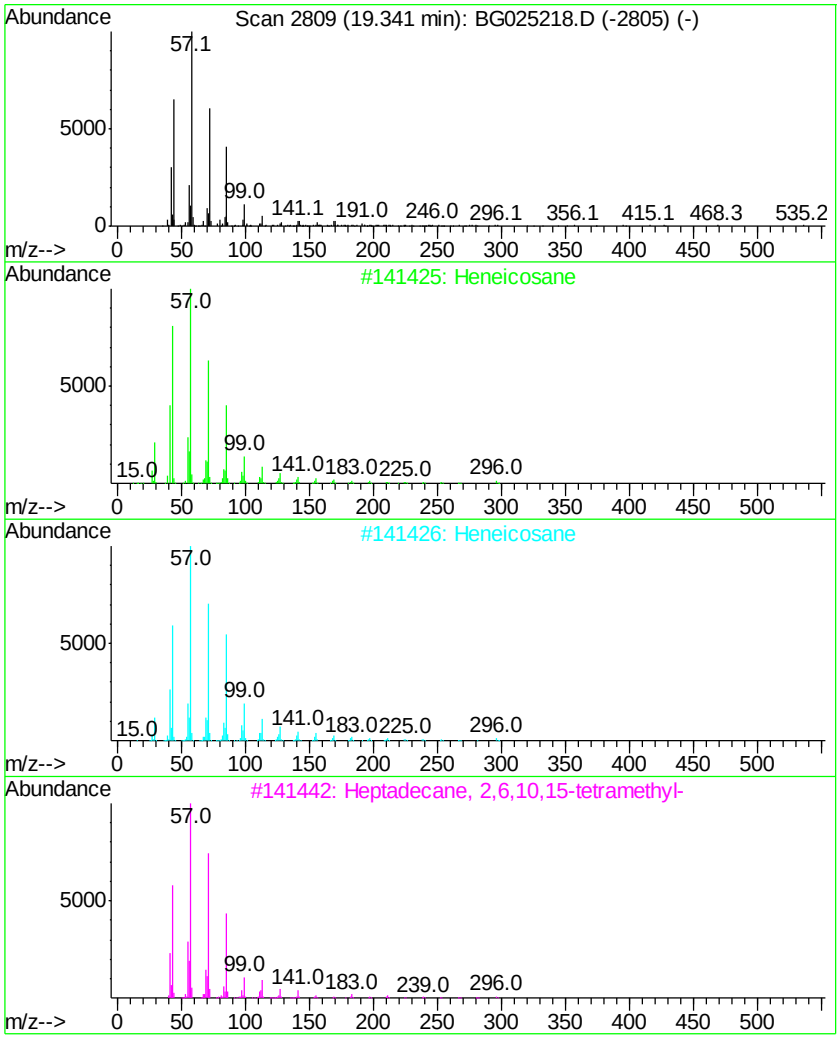
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

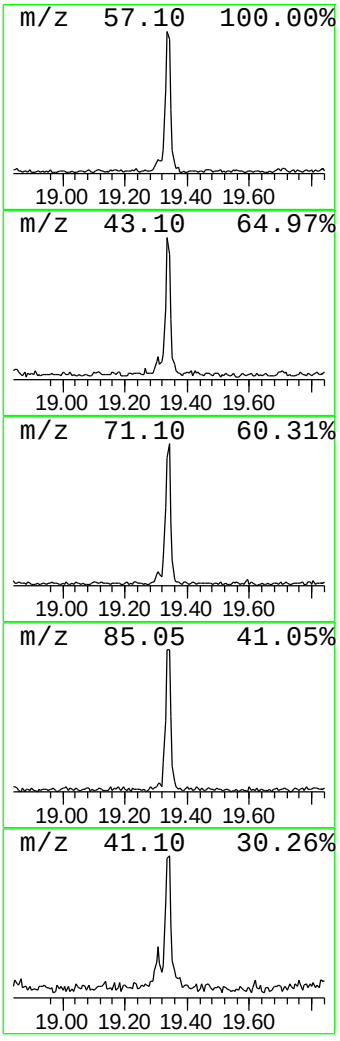
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	6.21 ng/ul	424953	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Heneicosane	296	C21H44	000629-94-7	93
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
4	Eicosane	282	C20H42	000112-95-8	91
5	Tetracosane	338	C24H50	000646-31-1	91





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Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

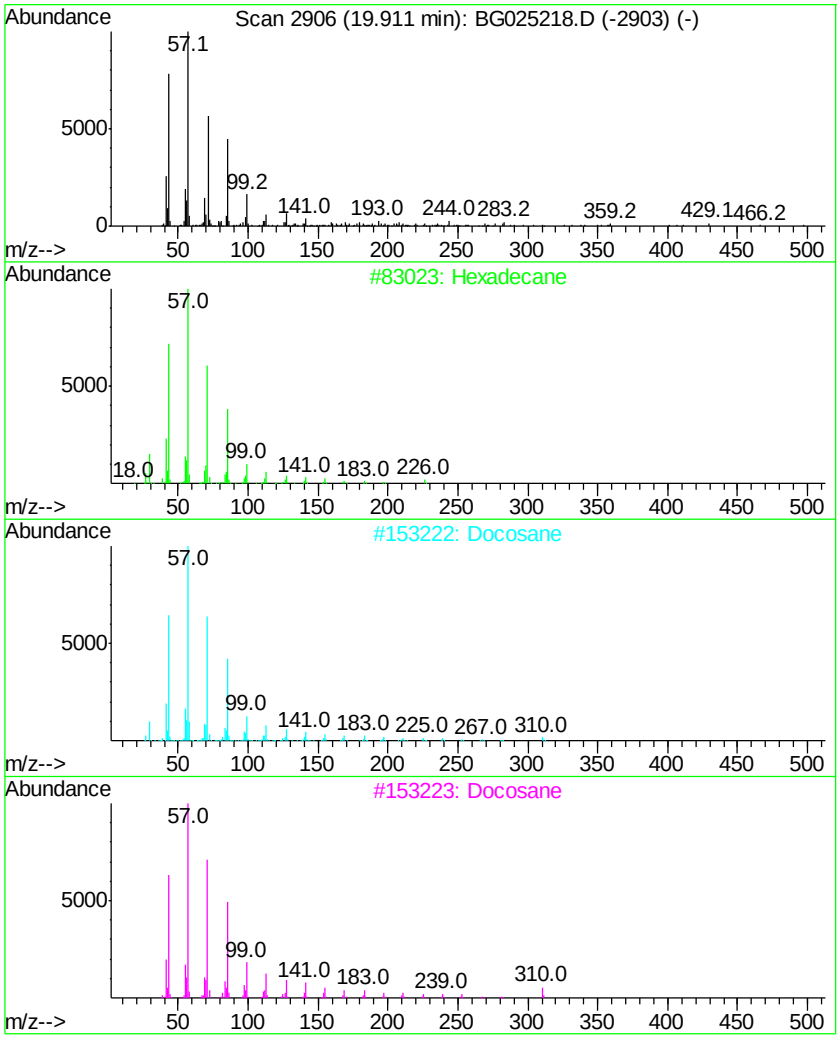
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

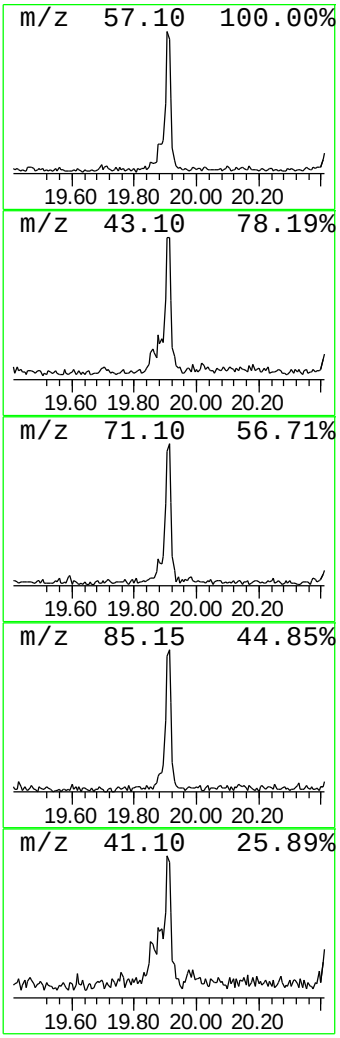
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	3.21 ng/ul	267923	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Docosane	310	C22H46	000629-97-0	87
3	Docosane	310	C22H46	000629-97-0	87
4	Octacosane	394	C28H58	000630-02-4	83
5	Tricosane, 2-methyl-	338	C24H50	001928-30-9	83





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Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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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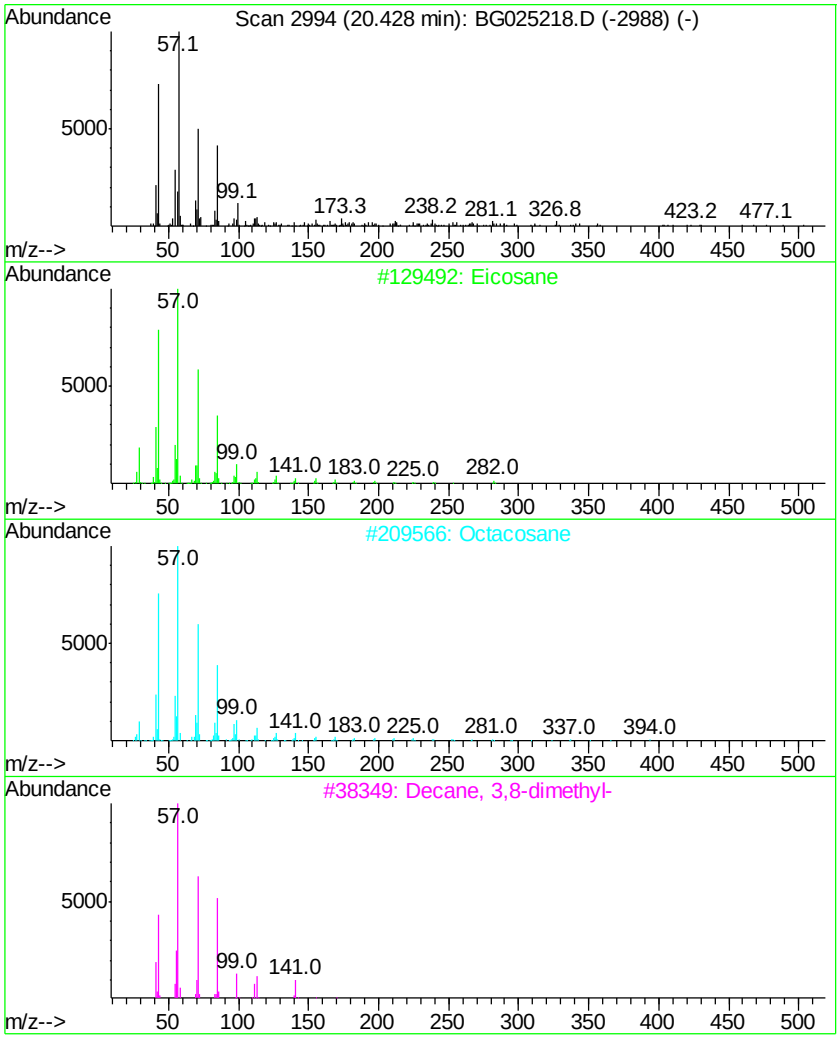
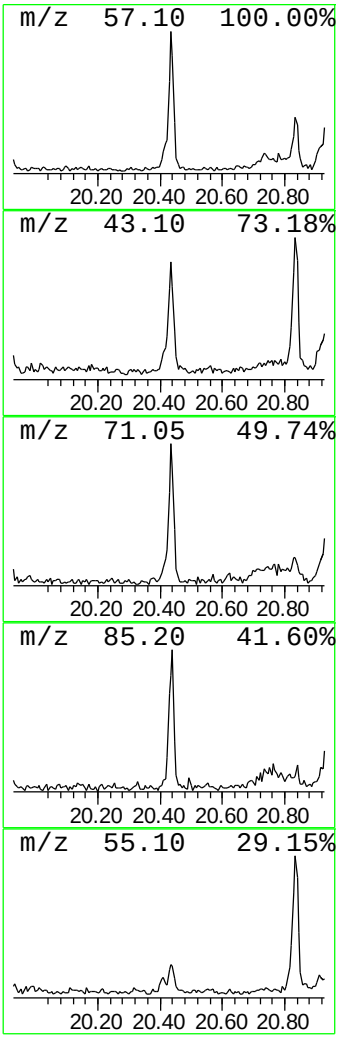
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	4.27 ng/ul	357025	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	92
2	Octacosane	394	C28H58	000630-02-4	90
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	81
4	Heptacosane	380	C27H56	000593-49-7	74
5	Nonadecane	268	C19H40	000629-92-5	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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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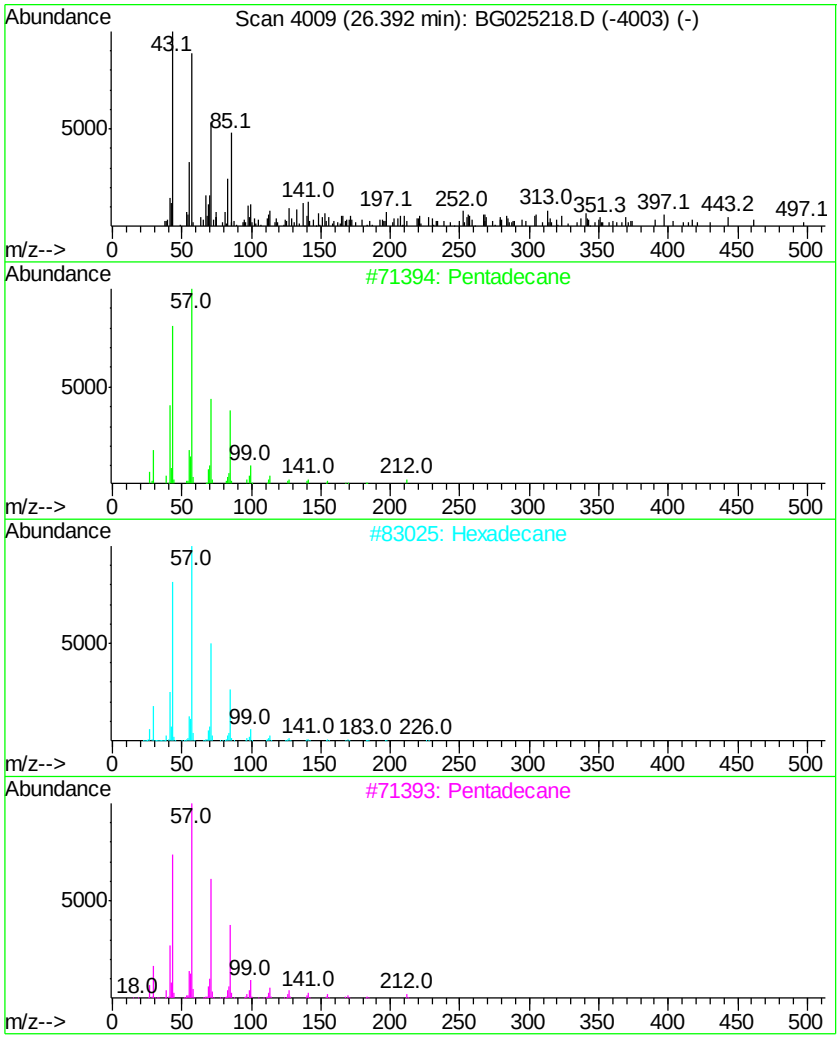
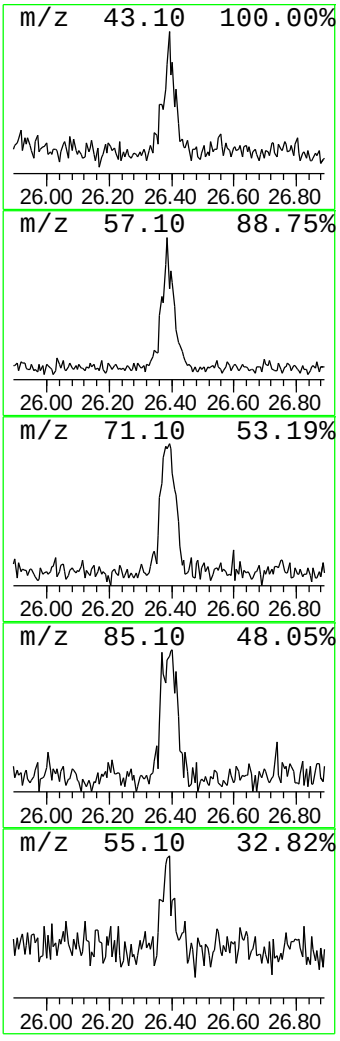
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.39	2.84 ng/ul	217671	Perylene-d12	25.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	41
2	Hexadecane	226	C16H34	000544-76-3	38
3	Pentadecane	212	C15H32	000629-62-9	38
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	35
5	Hexacosane	366	C26H54	000630-01-3	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121516\
Data File : BG025218.D
Acq On : 15 Dec 2016 19:18
Operator : UM/SJ
Sample : H5995-11
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA876

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, 1,2,4-tr...	7.87	3.7	ng/ul	88045	1	8.24	480176	20.0
5-Acetyl-2-methyl...	8.87	3.3	ng/ul	79978	1	8.24	480176	20.0
Benzopyrimidine, ...	9.71	4.6	ng/ul	154293	2	11.06	669290	20.0
Benzofuran, 2-met...	9.78	7.5	ng/ul	249878	2	11.06	669290	20.0
unknown-01	10.45	7.0	ng/ul	233477	2	11.06	669290	20.0
(DEL) Alkane: Str...	10.98	3.7	ng/ul	122915	2	11.06	669290	20.0
Cinnoline, 1,2-di...	11.29	11.1	ng/ul	372885	2	11.06	669290	20.0
2-Propenal, 2-met...	11.42	6.7	ng/ul	223922	2	11.06	669290	20.0
Benzonitrile, 4-(...	11.46	14.5	ng/ul	484171	2	11.06	669290	20.0
1H-Indazole, 5,7-...	11.52	3.6	ng/ul	121441	2	11.06	669290	20.0
unknown-02	11.71	2.1	ng/ul	69165	2	11.06	669290	20.0
Phenol, 2-propyl-	11.87	3.2	ng/ul	106868	2	11.06	669290	20.0
Benzene, hexyl-	12.00	2.2	ng/ul	72995	2	11.06	669290	20.0
unknown-03	12.09	3.6	ng/ul	122015	2	11.06	669290	20.0
1H-Indene, 1,1-di...	12.25	2.4	ng/ul	81739	2	11.06	669290	20.0
(DEL) Alkane: Str...	12.41	5.5	ng/ul	184988	2	11.06	669290	20.0
1H-Inden-1-one, 2...	12.57	4.0	ng/ul	134712	2	11.06	669290	20.0
Naphthalene, 1-me...	12.92	13.3	ng/ul	445866	2	11.06	669290	20.0
2,5,6-Trimethylbe...	13.00	6.6	ng/ul	288332	3	14.86	876629	20.0
unknown-04	13.21	2.4	ng/ul	105510	3	14.86	876629	20.0
Benzene, 1-(2-but...	13.27	4.1	ng/ul	179652	3	14.86	876629	20.0
1,2,3-Trimethylin...	13.57	6.2	ng/ul	272112	3	14.86	876629	20.0
Benzene, 1,2,3,4-...	13.81	4.2	ng/ul	183521	3	14.86	876629	20.0
Naphthalene, 1-et...	13.89	6.9	ng/ul	300855	3	14.86	876629	20.0
Naphthalene, 1,7-...	14.04	15.2	ng/ul	664520	3	14.86	876629	20.0
Naphthalene, 1,4-...	14.17	13.6	ng/ul	596602	3	14.86	876629	20.0
Naphthalene, 2,3-...	14.41	4.2	ng/ul	181788	3	14.86	876629	20.0
Benzene, octyl-	14.49	2.7	ng/ul	118427	3	14.86	876629	20.0
(DEL) Alkane: Str...	14.70	10.2	ng/ul	446820	3	14.86	876629	20.0
(DEL) Alkane: Str...	15.64	21.9	ng/ul	960152	3	14.86	876629	20.0
(DEL) Alkane: Str...	16.50	13.4	ng/ul	918543	4	17.60	1369010	20.0
(DEL) Alkane: Cyc...	16.73	6.2	ng/ul	423497	4	17.60	1369010	20.0
(DEL) Alkane: Cyc...	16.81	3.6	ng/ul	249204	4	17.60	1369010	20.0
(DEL) Alkane: Str...	17.29	13.3	ng/ul	913308	4	17.60	1369010	20.0
(DEL) Alkane: Str...	18.03	11.6	ng/ul	794462	4	17.60	1369010	20.0
(DEL) Alkane: Str...	18.72	9.4	ng/ul	642834	4	17.60	1369010	20.0
(DEL) Alkane: Str...	19.34	6.2	ng/ul	424953	4	17.60	1369010	20.0
(DEL) Alkane: Str...	19.91	3.2	ng/ul	267923	5	21.89	1670520	20.0
(DEL) Alkane: Str...	20.43	4.3	ng/ul	357025	5	21.89	1670520	20.0
(DEL) Alkane: Str...	26.39	2.8	ng/ul	217671	6	25.30	1532980	20.0