LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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	7.397	771	776	793	rVB2	252454	647077	7.70%	0.617%
2	7.549	793	802	807	rBV2	182191	381265	4.53%	0.364%
3	7.767	832	839	843	rBV	228884	434768	5.17%	0.415%
4	7.861	850	855	862	rVB2	248519	422082	5.02%	0.403%
5	8.231	912	918	926	rVB2	306866	563863	6.71%	0.538%
6	8.343	927	937	944	rVV3	169792	345510	4.11%	0.329%
7	8.860	1015	1025	1031	rVV3	251903	498553	5.93%	0.475%
8	8.948	1031	1040	1047	rVV	290591	585768	6.97%	0.559%
9	9.330	1094	1105	1113	rVV2	140647	317521	3.78%	0.303%
10	9.418	1113	1120	1128	rVB2	557266	971035	11.55%	0.926%
11	9.712	1164	1170	1176	rVV2	242271	578276	6.88%	0.551%
12	9.782	1176	1182	1191	rVB	621737	1111726	13.22%	1.060%
13	10.141	1236	1243	1251	rVB3	246961	549608	6.54%	0.524%
14	10.287	1263	1268	1276	rVB	160821	303956	3.61%	0.290%
15	10.458	1287	1297	1307	rVV6	365132	1275989	15.17%	1.217%
16	10.564	1307	1315	1319	rVV4	156417	400979	4.77%	0.382%
17	10.687	1329	1336	1349	rBV3	420554	928510	11.04%	0.885%
18	10.887	1360	1370	1378	rBV3	108939	308997	3.67%	0.295%
19	10.975	1378	1385	1389	rBV2	246693	481302	5.72%	0.459%
20	11.063	1395	1400	1404	rBV	324836	565957	6.73%	0.540%
21	11.110	1404	1408	1413	rVB	323535	559760	6.66%	0.534%
22	11.292	1433	1439	1453	rVB3	477993	1653274	19.66%	1.577%
23	11.421	1453	1461	1463	rBV	488593	905090	10.76%	0.863%
24	11.457	1463	1467	1474	rVV	1017653	2016105	23.98%	1.923%
25	11.527	1474	1479	1485	rVB2	325471	541791	6.44%	0.517%
26	11.709	1504	1510	1522	rVB6	142990	353038	4.20%	0.337%
27	11.874	1532	1538	1543	rBV4	176725	314868	3.74%	0.300%
28	12.003	1555	1560	1564	rVB3	221066	393249	4.68%	0.375%
29	12.079	1565	1573	1578	rBV5	214108	650645	7.74%	0.620%
30	12.256	1595	1603	1609	rVB4	278600	744860	8.86%	0.710%
31	12.408	1625	1629	1641	rVB4	368610	755131	8.98%	0.720%
32	12.602	1651	1662	1667	rVV5	259792	854755	10.17%	0.815%
33	12.702	1673	1679	1682	rBV	993887	1635822	19.45%	1.560%
34	12.738	1682	1685	1688	rVB	386825	537062	6.39%	0.512%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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	12.826	1696	1700	1704	rBV2	330354	621414	7.39%	0.593%
36	12.920	1710	1716	1722	rVB	775351	1306031	15.53%	1.245%
37	13.002	1723	1730	1734	rBV2	523243	999557	11.89%	0.953%
38	13.049	1734	1738	1741	rVV2	305501	378189	4.50%	0.361%
39	13.208	1759	1765	1769	rBV5	328285	522640	6.22%	0.498%
40	13.266	1769	1775	1783	rBV7	487082	1096773	13.04%	1.046%
41	13.343	1783	1788	1791	rBV3	286435	409125	4.87%	0.390%
42	13.454	1801	1807	1815	rBV7	166056	417696	4.97%	0.398%
43	13.531	1815	1820	1824	rBV2	274487	625876	7.44%	0.597%
44	13.578	1825	1828	1832	rVV2	377140	592033	7.04%	0.565%
45	13.631	1832	1837	1843	rVV4	542497	1058417	12.59%	1.009%
46	13.801	1860	1866	1868	rBV5	235385	448846	5.34%	0.428%
47	13.889	1876	1881	1888	rBV7	345363	833359	9.91%	0.795%
48	14.012	1896	1902	1904	rBV4	651841	1173760	13.96%	1.119%
49	14.177	1924	1930	1934	rVV2	916100	1682920	20.01%	1.605%
50	14.230	1934	1939	1947	rVB3	1104424	2530718	30.10%	2.413%
51	14.342	1954	1958	1964	rBV8	322874	753749	8.96%	0.719%
52	14.412	1966	1970	1974	rBV	282121	435585	5.18%	0.415%
53	14.488	1980	1983	1987	rVB3	426625	578347	6.88%	0.552%
54	14.559	1987	1995	2002	rBV4	850295	2269485	26.99%	2.164%
55	14.694	2011	2018	2025	rBV4	420587	992588	11.80%	0.947%
56	14.812	2033	2038	2042	rBV2	635415	923037	10.98%	0.880%
57	14.859	2042	2046	2049	rBV	587885	904369	10.76%	0.862%
58	14.929	2055	2058	2060	rBV2	260266	334337	3.98%	0.319%
59	15.047	2074	2078	2080	rBV4	281222	392844	4.67%	0.375%
60	15.146	2092	2095	2099	rVB4	298731	420224	5.00%	0.401%
61	15.235	2105	2110	2118	rBV3	609329	1400161	16.65%	1.335%
62	15.317	2121	2124	2128	rVB2	354933	418737	4.98%	0.399%
63	15.458	2143	2148	2153	rBV5	465082	1028524	12.23%	0.981%
64	15.511	2153	2157	2166	rVB5	807392	1572074	18.70%	1.499%
65	15.611	2167	2174	2182	rBV3	1138969	2956964	35.17%	2.820%
66	15.740	2192	2196	2200	rBV5	397286	649209	7.72%	0.619%
67	15.799	2202	2206	2209	rBV5	202037	340907	4.05%	0.325%
68	15.846	2210	2214	2217	rVV	808423	1192902	14.19%	1.138%
69	15.887	2217	2221	2228	rVB3	1037756	2191262	26.06%	2.090%
70	16.292	2286	2290	2293	rBV2	376745	660333	7.85%	0.630%
71	16.451	2310	2317	2322	rVB5	648650	1352929	16.09%	1.290%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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	16.504	2322	2326	2330	rBV3	915945	1523736	18.12%	1.453%
73	16.551	2331	2334	2340	rVB5	749003	1146539	13.64%	1.093%
74	16.721	2360	2363	2369	rVB3	1074596	1542160	18.34%	1.471%
75	16.809	2373	2378	2384	rVB6	585196	1185797	14.10%	1.131%
76	16.903	2386	2394	2398	rBV8	667245	1751813	20.83%	1.671%
77	16.956	2398	2403	2408	rVB4	748966	1413846	16.81%	1.348%
78	17.003	2409	2411	2416	rVV6	374855	521112	6.20%	0.497%
79	17.062	2417	2421	2423	rBV4	301154	499449	5.94%	0.476%
80	17.291	2457	2460	2463	rVB2	609170	627646	7.46%	0.599%
81	17.438	2481	2485	2491	rVB	776496	1284879	15.28%	1.225%
82	17.503	2492	2496	2498	rBV4	295719	476956	5.67%	0.455%
83	17.608	2510	2514	2518	rVB2	726680	986870	11.74%	0.941%
84	17.649	2518	2521	2525	rBV	419758	571770	6.80%	0.545%
85	17.702	2526	2530	2538	rVB	760219	1345053	16.00%	1.283%
86	18.031	2582	2586	2591	rBV2	762532	1041542	12.39%	0.993%
87	18.443	2652	2656	2660	rBV4	807128	1196060	14.22%	1.141%
88	18.601	2680	2683	2687	rBV3	375870	539249	6.41%	0.514%
89	18.713	2699	2702	2706	rVB2	870882	994863	11.83%	0.949%
90	19.342	2806	2809	2812	rVB	725842	728747	8.67%	0.695%
91	19.823	2888	2891	2898	rBV4	450849	920430	10.95%	0.878%
92	19.882	2898	2901	2903	rBV2	764297	842959	10.03%	0.804%
93	19.911	2904	2906	2912	rVB2	1226986	1305458	15.53%	1.245%
94	19.982	2913	2918	2930	rVB2	1564009	3345585	39.79%	3.190%
95	20.434	2989	2995	3001	rBV2	1143963	2040975	24.27%	1.946%
96	20.916	3073	3077	3090	rVB2	1179480	3183346	37.86%	3.036%
97	21.903	3241	3245	3252	rVB	910711	1578042	18.77%	1.505%
98	25.099	3784	3789	3798	rVB2	778991	2157245	25.66%	2.057%
99	25.910	3921	3927	3937	rVB4	648453	1647607	19.59%	1.571%
100	27.191	4136	4145	4162	rVB5	2149284	8408495	100.00%	8.019%

Sum of corrected areas: 104862342

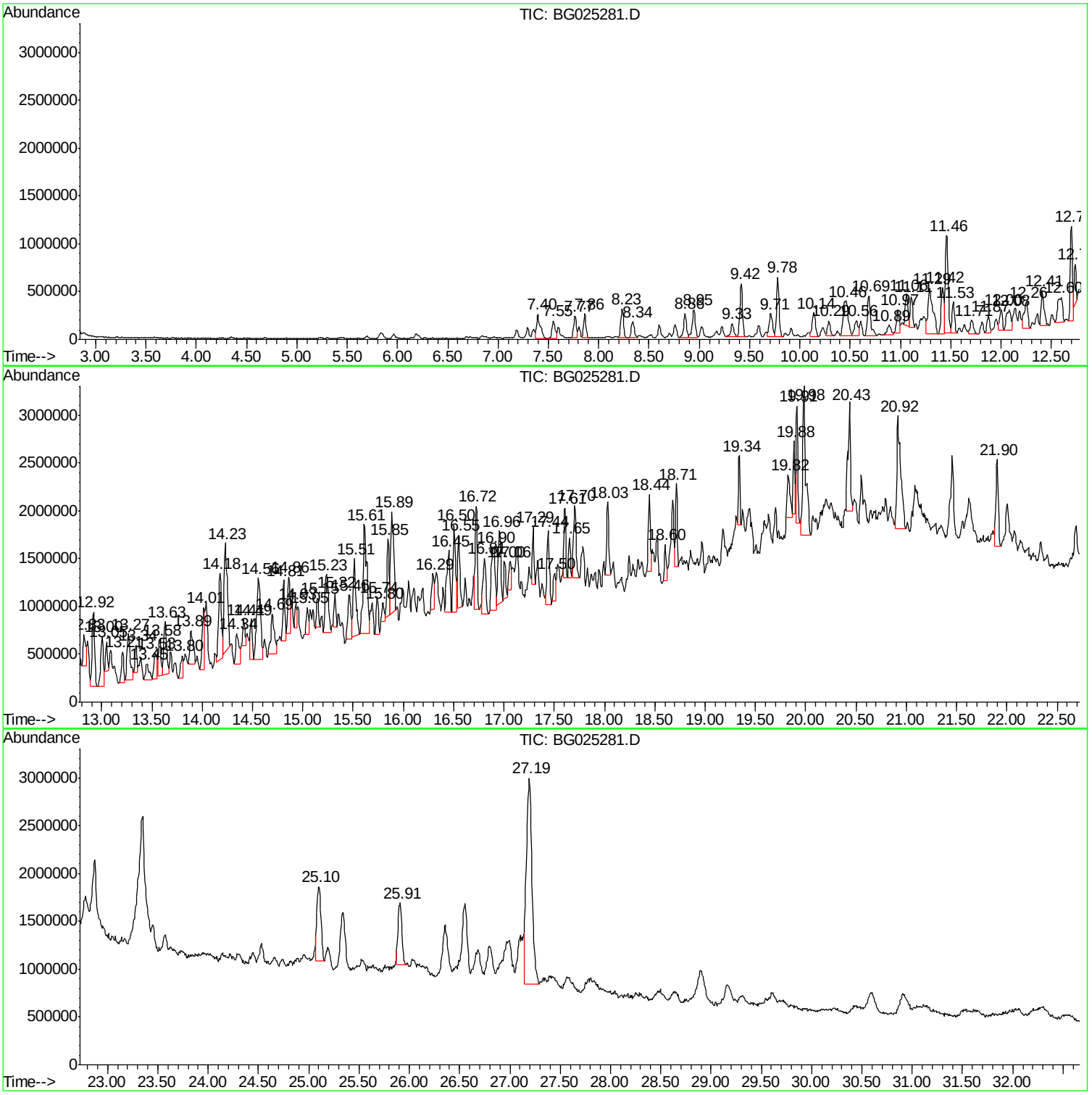
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

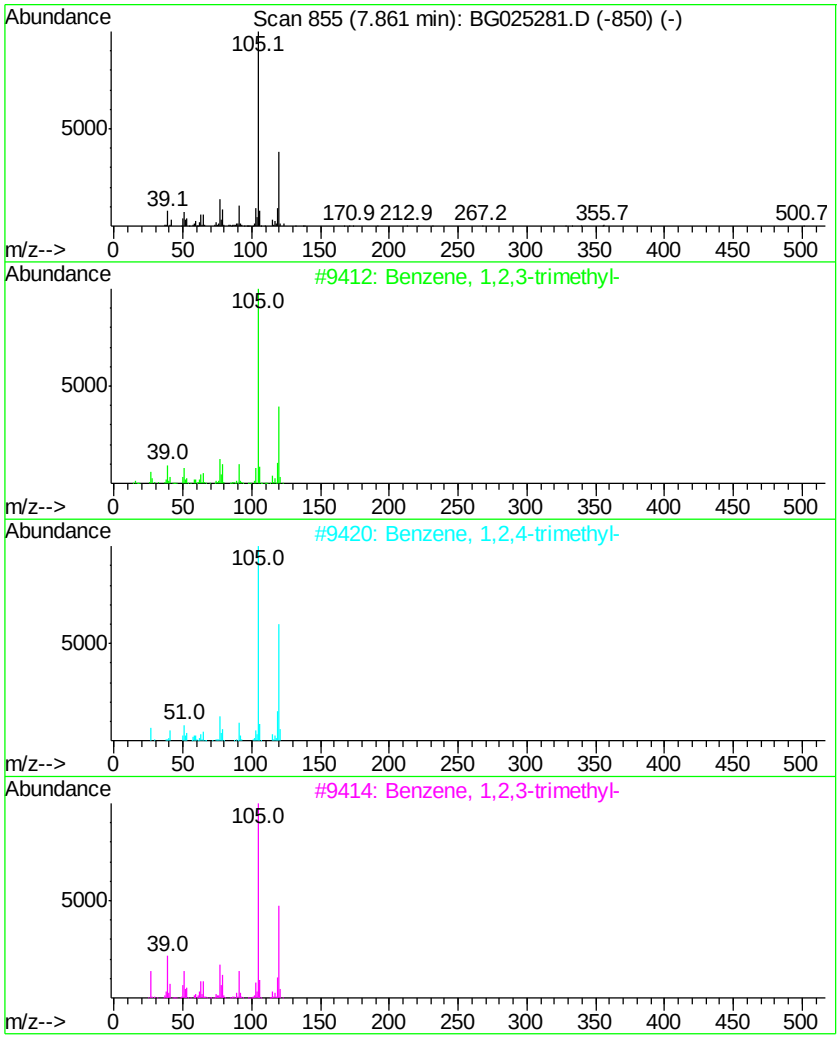
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

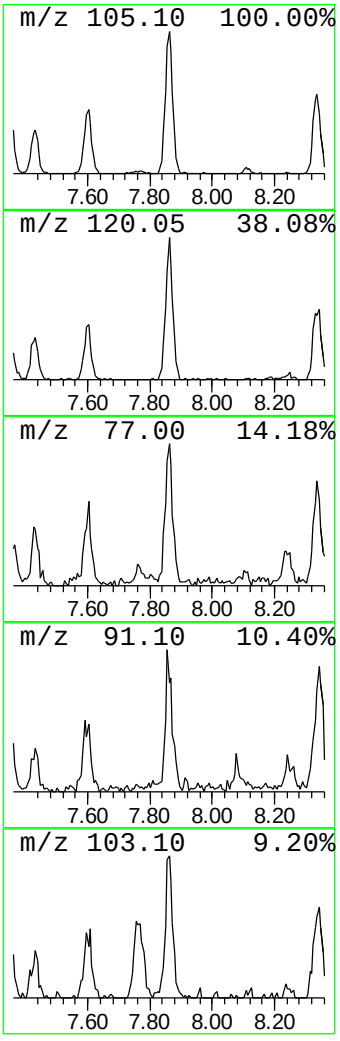
****

Peak Number 1 Benzene, 1,2,3-trimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	14.97 ng/ul	422082	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

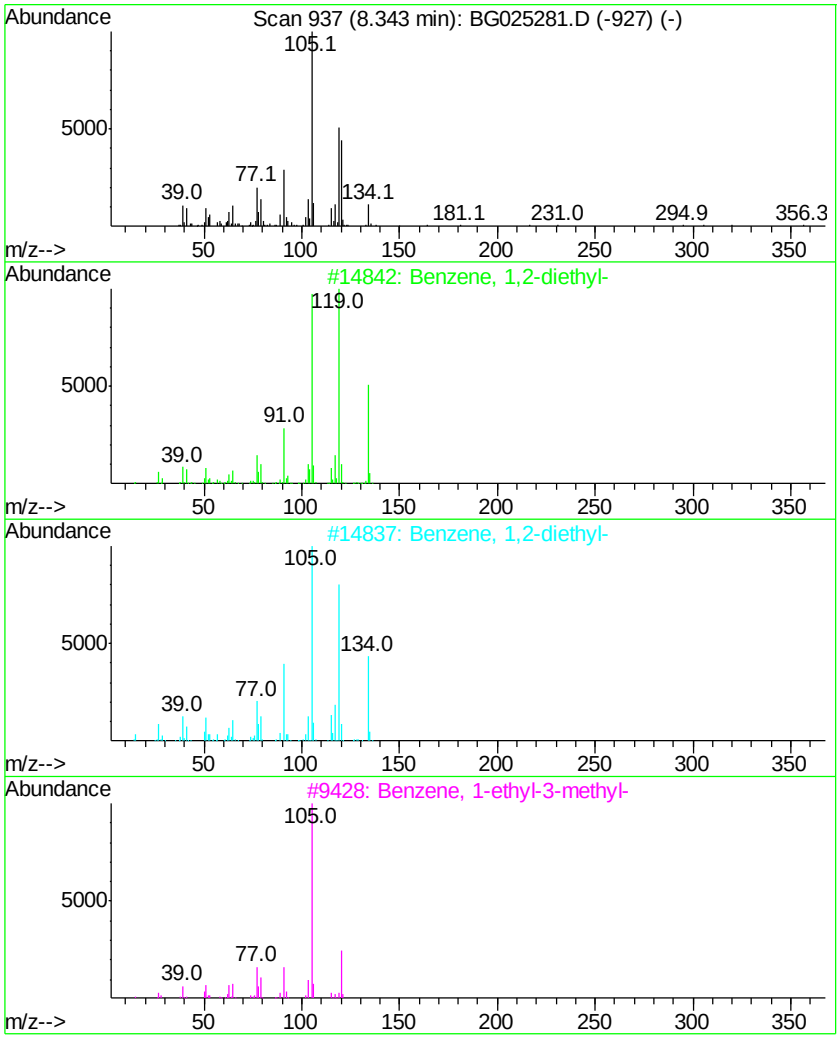
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

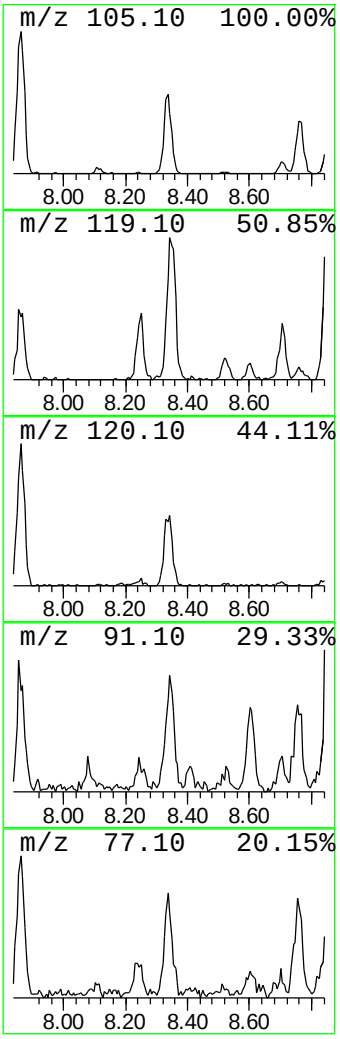
****

Peak Number 2 Benzene, 1,2-diethyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	12.26 ng/ul	345510	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	76
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	70
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	64
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	60
5	Mesitylene	120	C9H12	000108-67-8	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

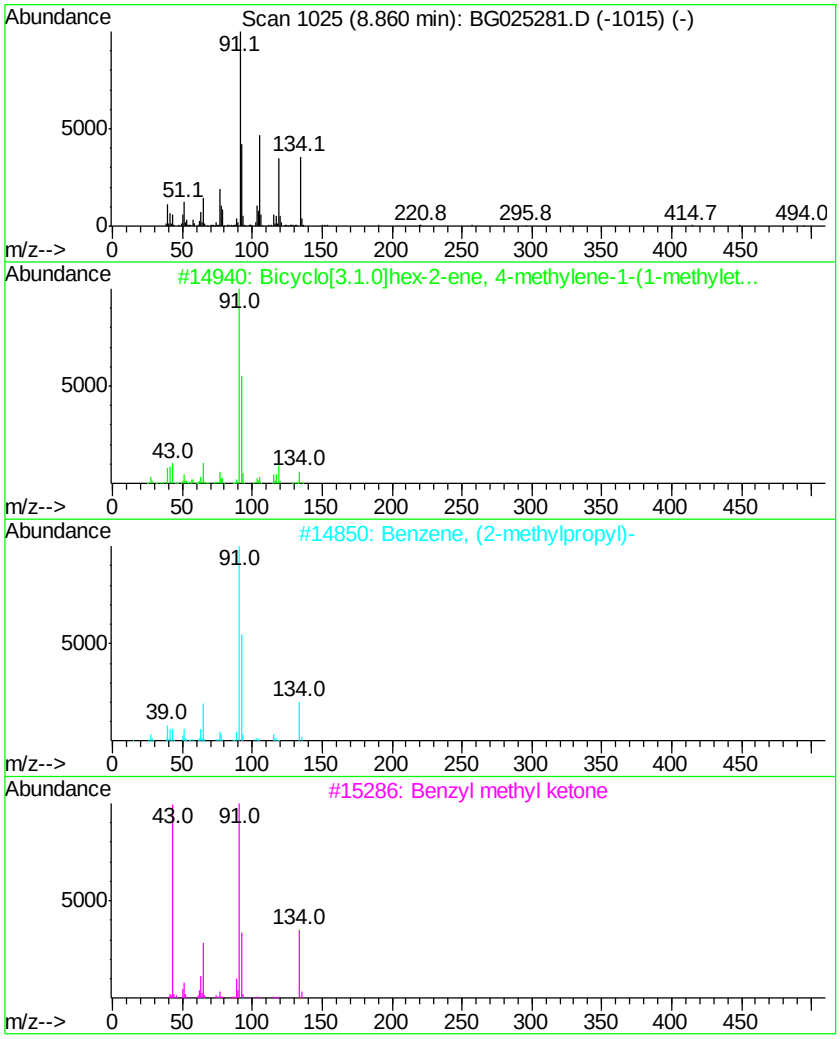
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

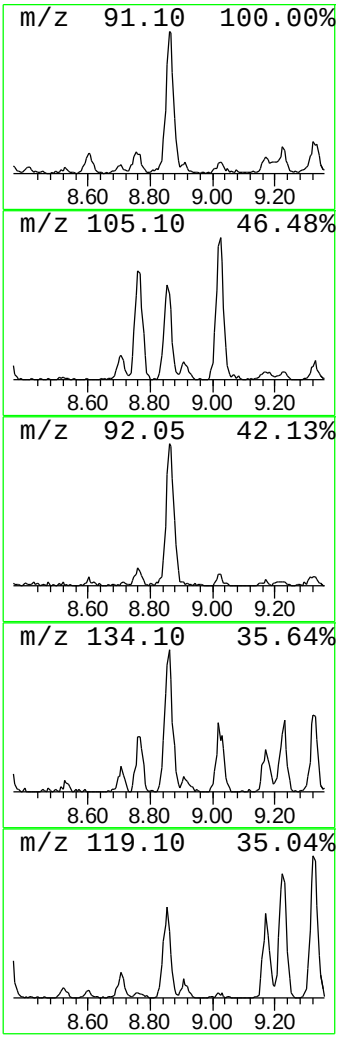
****

Peak Number 3 Bicyclo[3.1.0]hex-2-ene, 4-... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	17.68 ng/ul	498553	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hex-2-ene, 4-methy...	134	C10H14	036262-09-6	80
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	64
3	Benzyl methyl ketone	134	C9H10O	000103-79-7	52
4	Benzene, butyl-	134	C10H14	000104-51-8	52
5	Benzene, butyl-	134	C10H14	000104-51-8	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

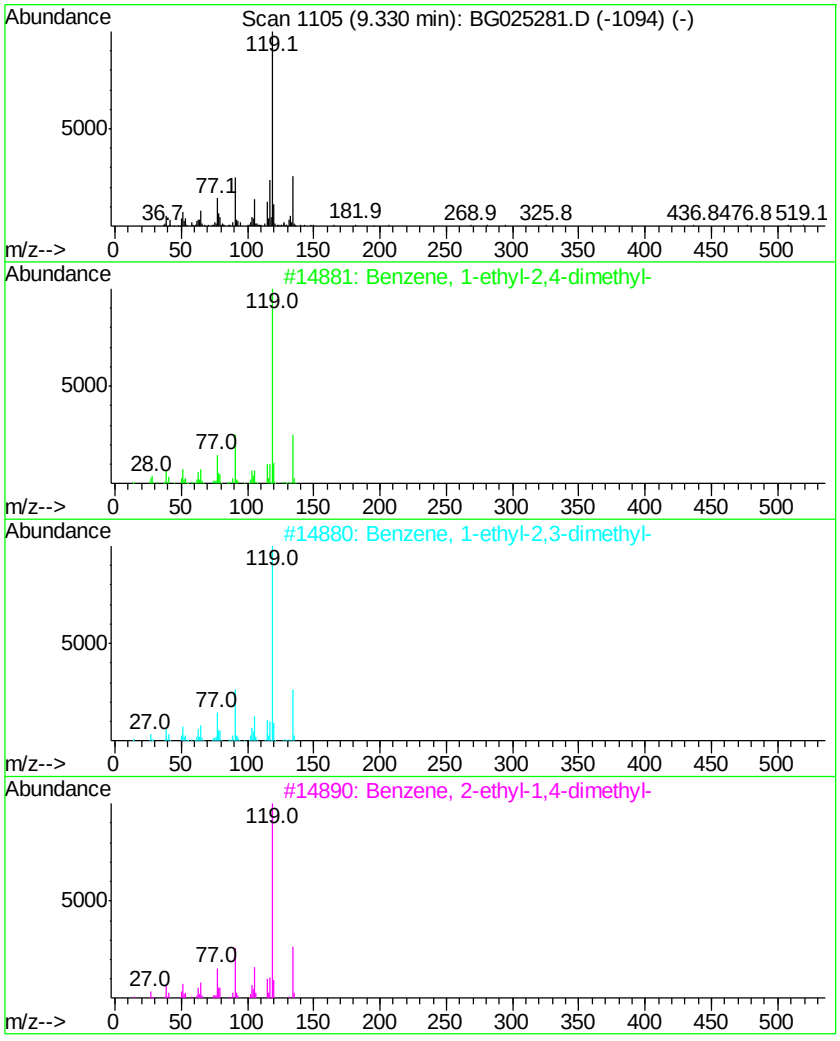
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

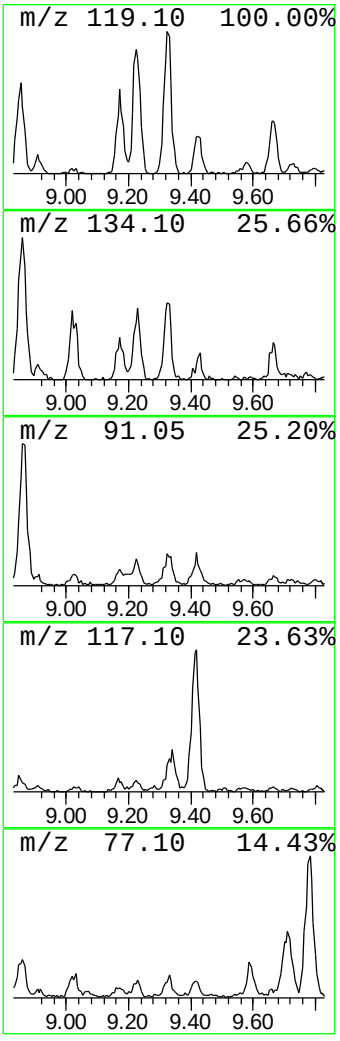
****

Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	11.26 ng/ul	317521	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	81
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	81
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	81
4	p-Cymene	134	C10H14	000099-87-6	81
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	76





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

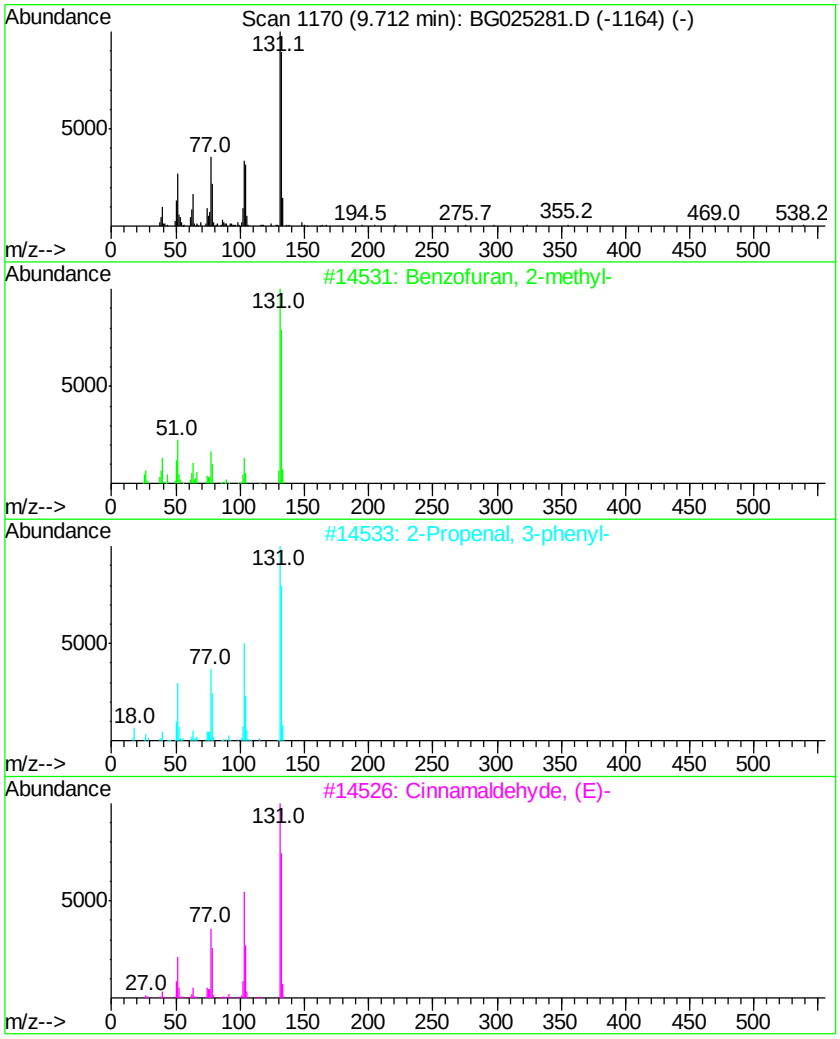
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

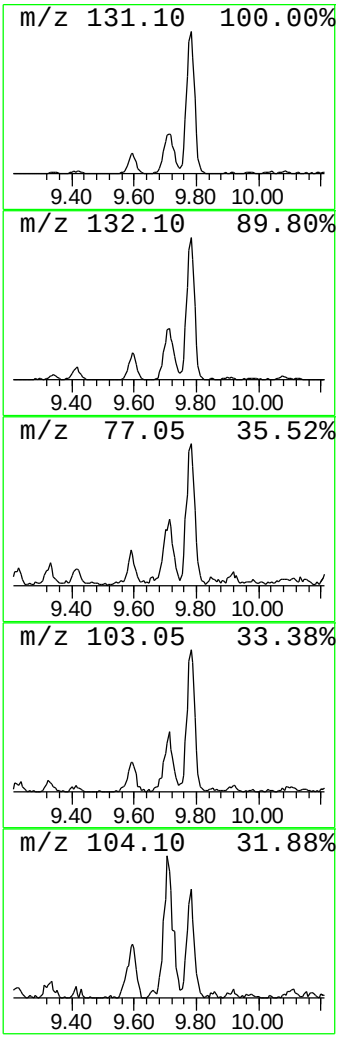
****

Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	20.44 ng/ul	578276	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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Quant Title : SVOA CALIBRATION

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

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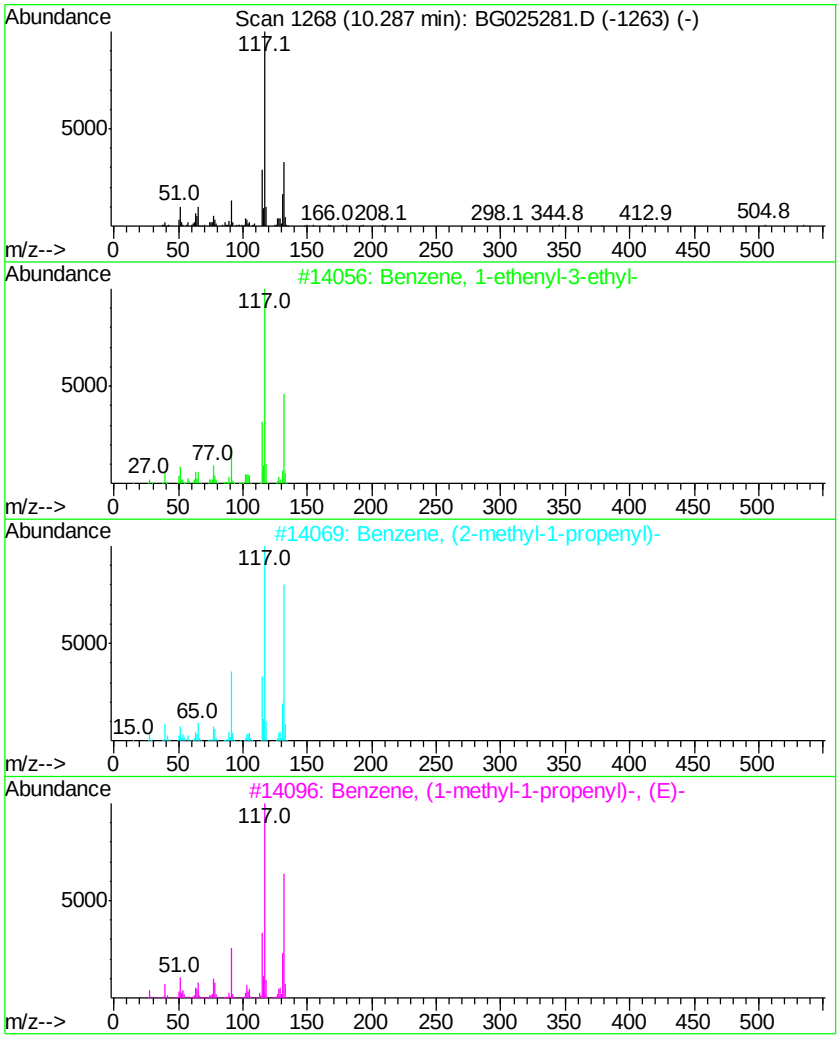
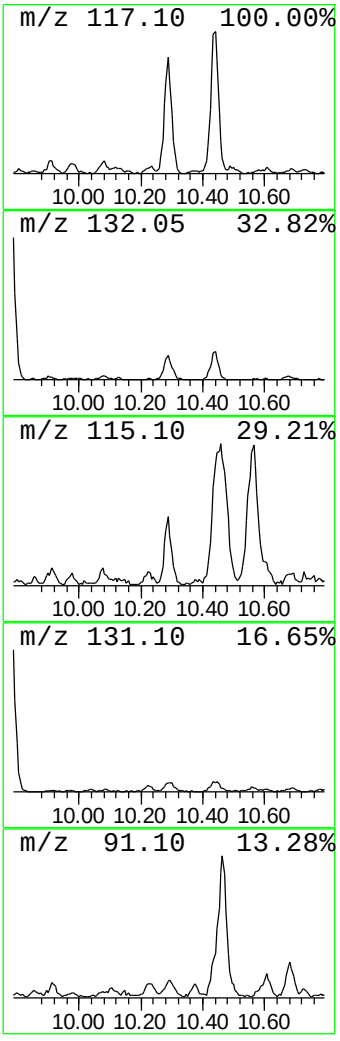
Peak Number 7 Benzene, 1-ethenyl-3-ethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	10.74 ng/ul	303956	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	90
2	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	90
3	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
4	Indan, 1-methyl-	132	C10H12	000767-58-8	87
5	Indan, 1-methyl-	132	C10H12	000767-58-8	87





Library Search Compound Report

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Sample : H6040-05
Misc :
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Instrument : BNA_G
ClientSampleId : DA8W0

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Quant Title : SVOA CALIBRATION

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

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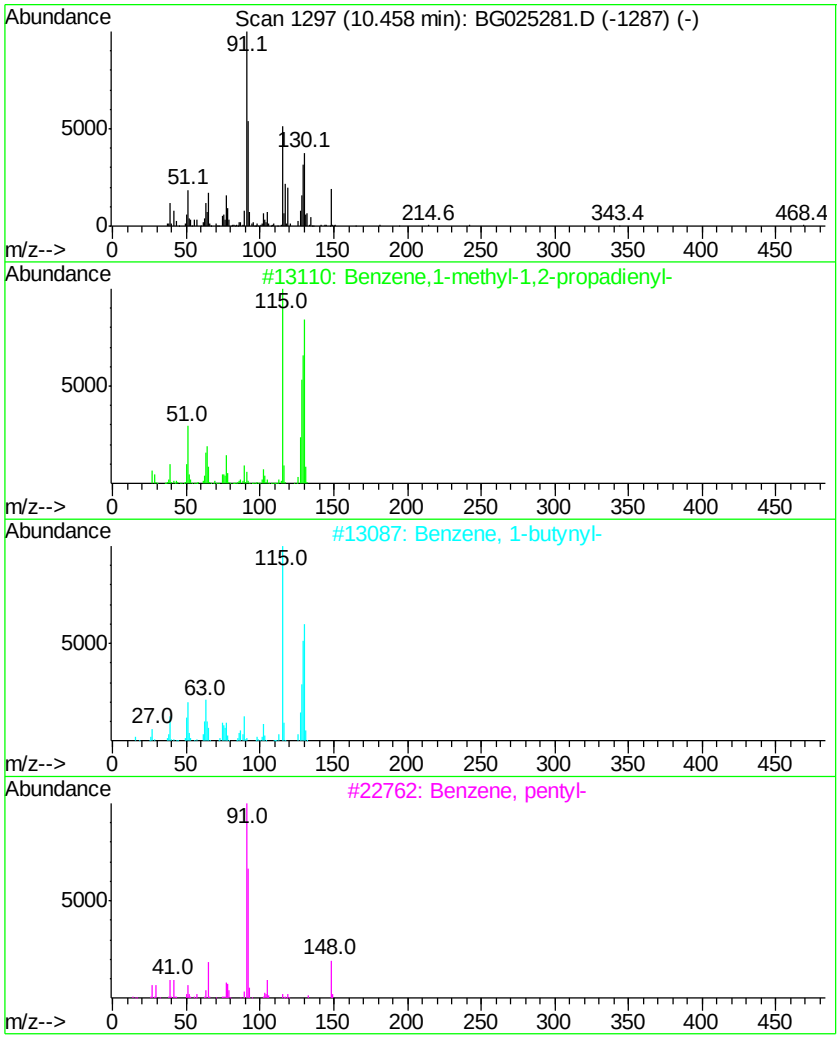
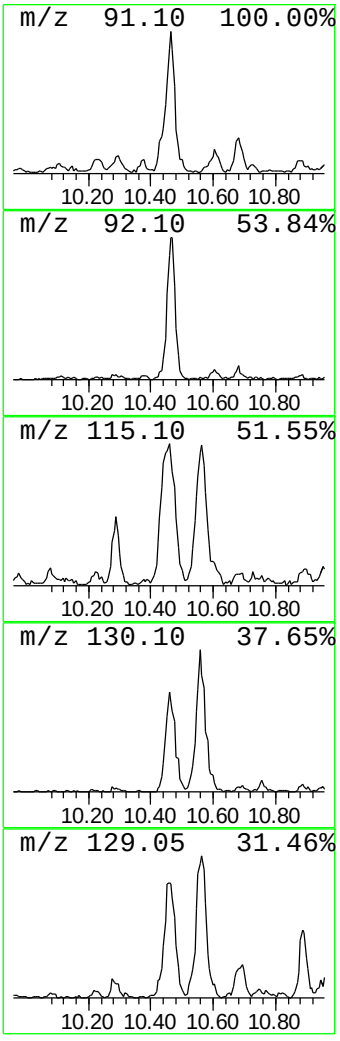
Peak Number 8 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	45.09 ng/ul	1275990	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	38
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	38
3	Benzene, pentyl-	148	C11H16	000538-68-1	30
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	30
5	5,7-Dimethylenebicyclo[2.2.2]oct...	132	C10H12	1000210-36-6	30





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Sample : H6040-05
Misc :
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Instrument : BNA_G
ClientSampleId : DA8W0

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Quant Title : SVOA CALIBRATION

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

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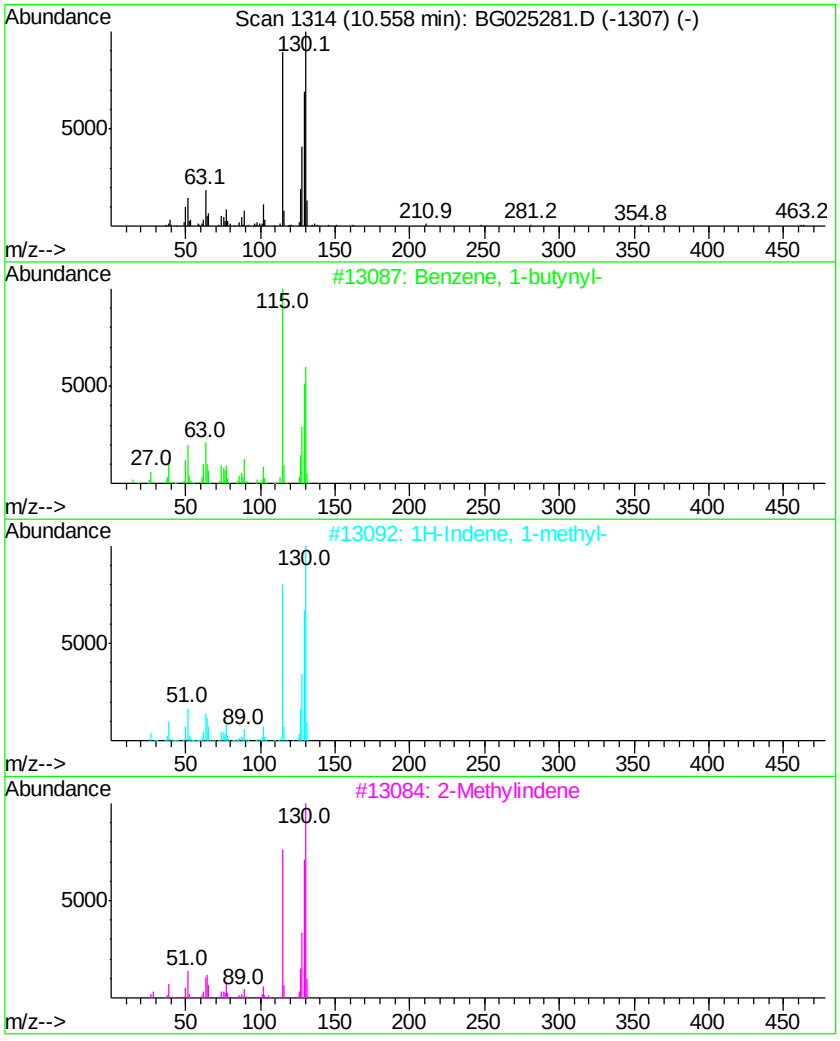
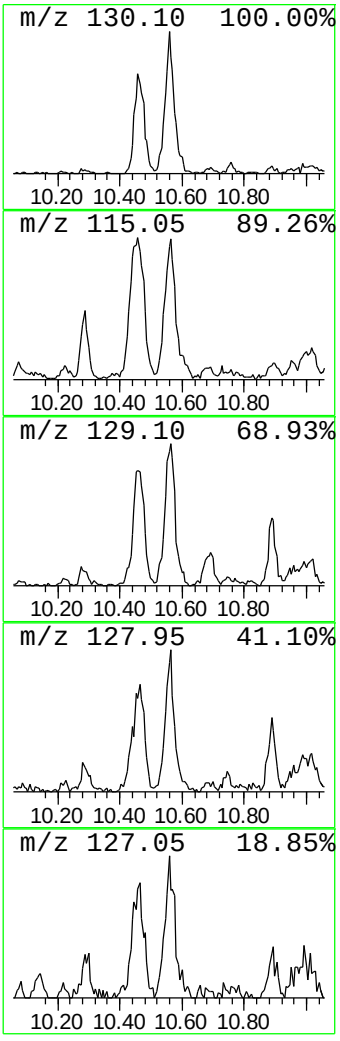
Peak Number 9 Benzene, 1-butynyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	14.17 ng/ul	400979	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-butynyl-	130	C10H10	000622-76-4	94
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	91
3	2-Methylindene	130	C10H10	002177-47-1	91
4	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	87
5	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	87





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Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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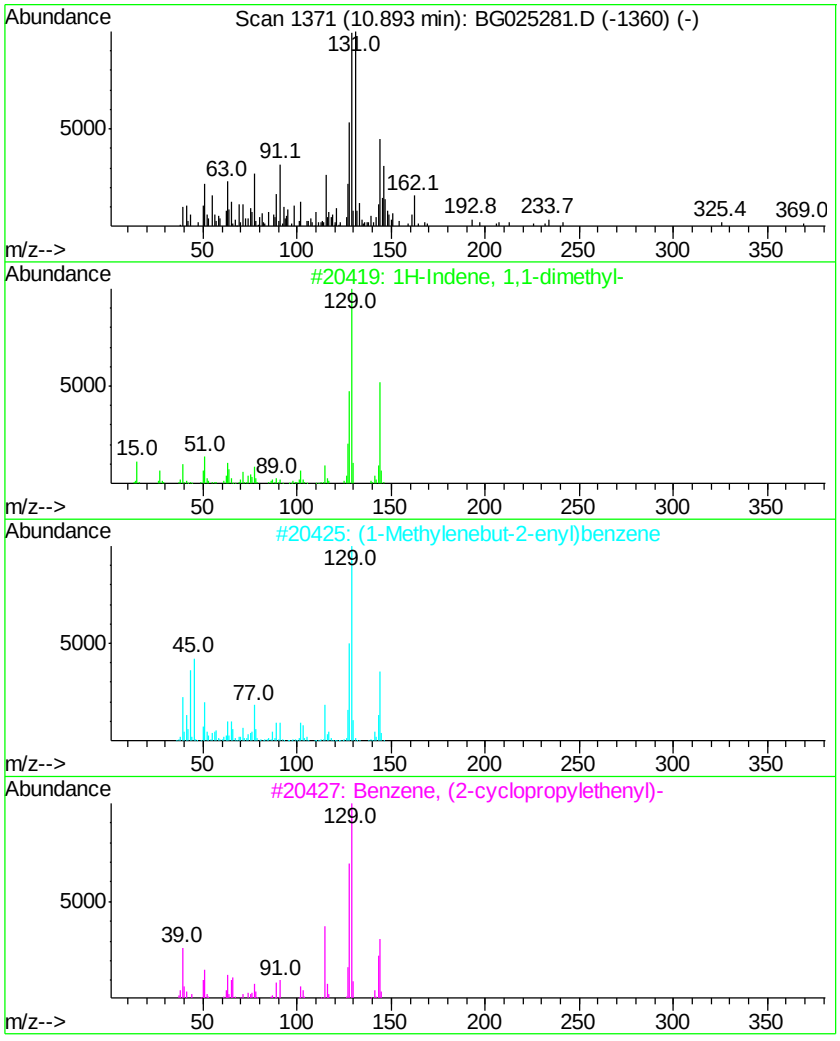
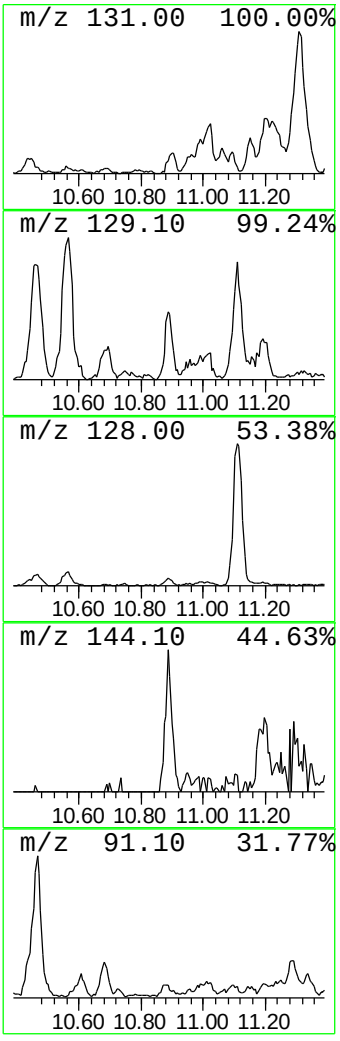
Peak Number 10 1H-Indene, 1,1-dimethyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	10.92 ng/ul	308997	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64
2	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	50
3	Benzene, (2-cyclopropylethenyl)-	144	C11H12	1000142-01-6	50
4	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	50
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	50





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Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

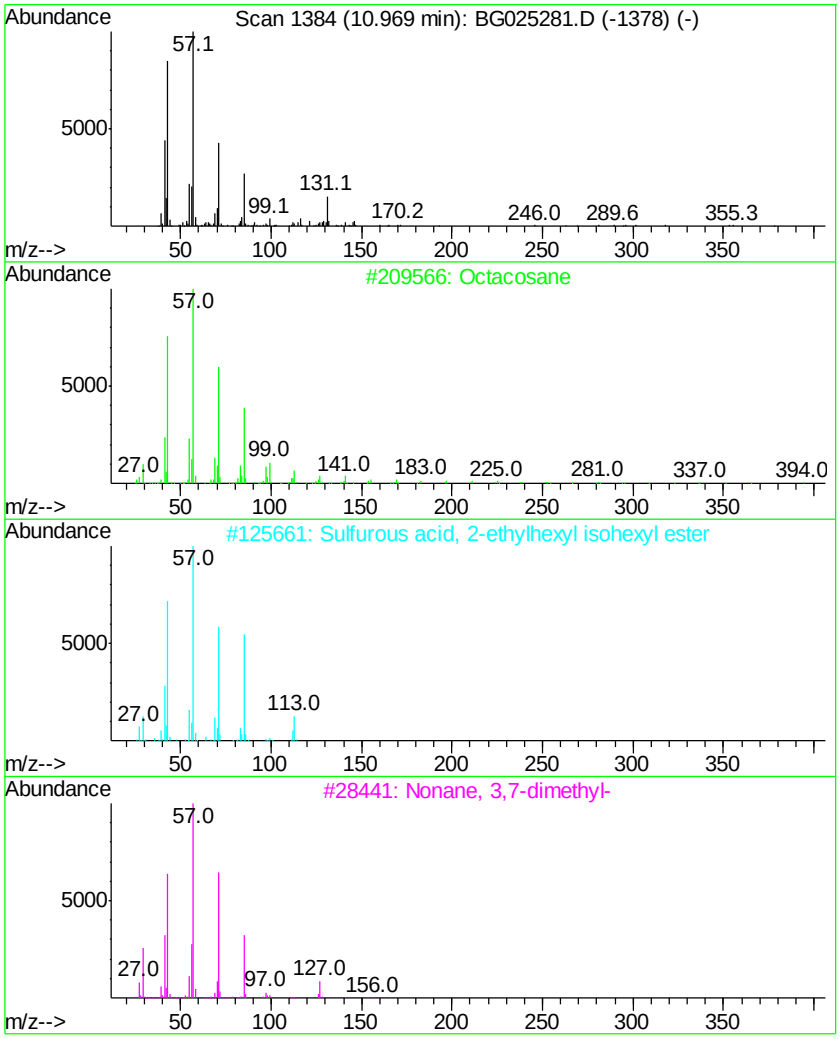
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

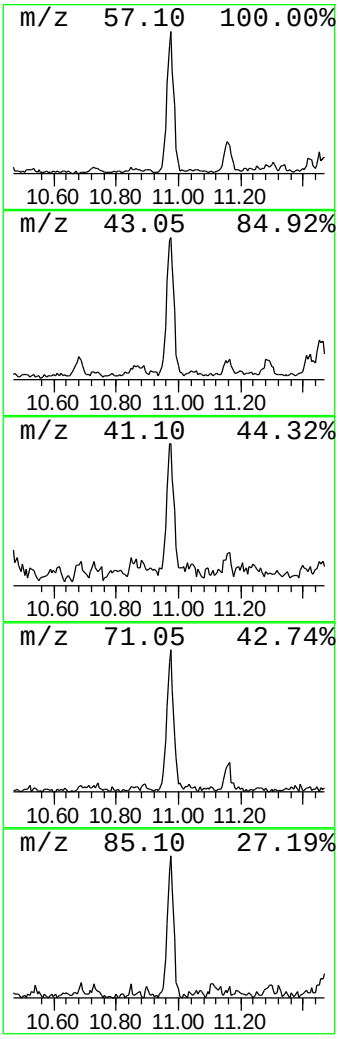
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	17.01 ng/ul	481302	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	64
2	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	59
3	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	53
4	Decane, 2,3,6-trimethyl-	184	C13H28	062238-12-4	53
5	Decane, 2,4,6-trimethyl-	184	C13H28	062108-27-4	53





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Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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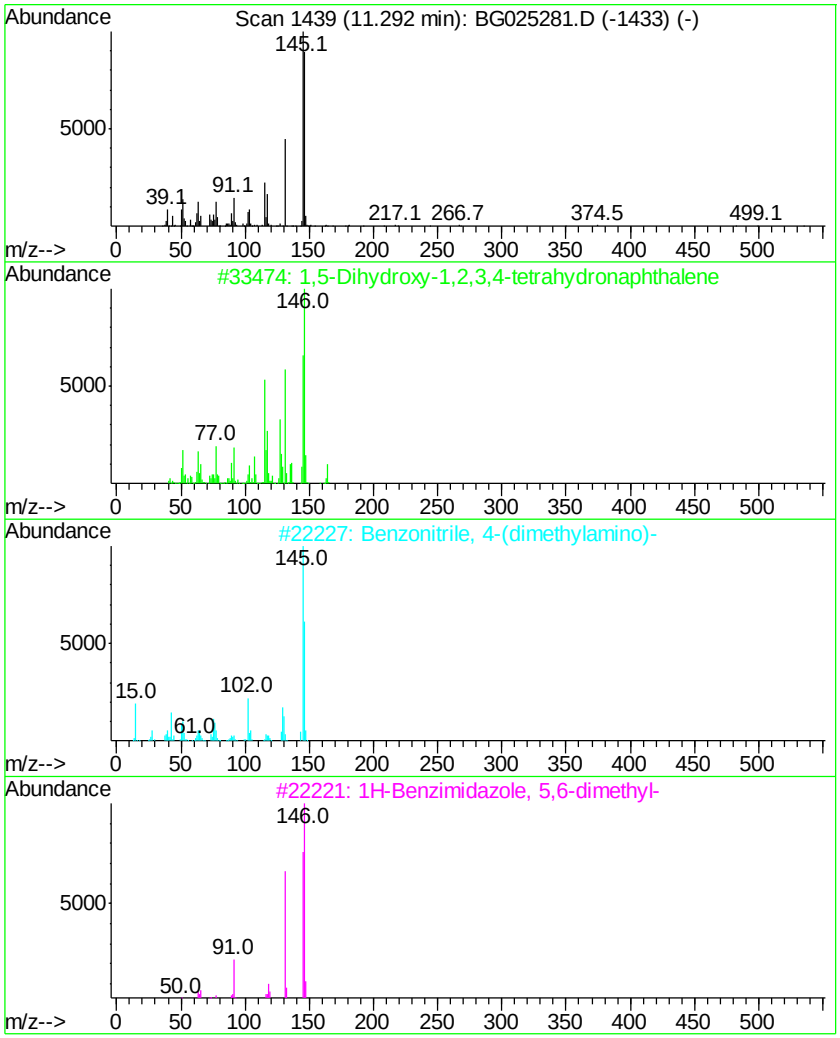
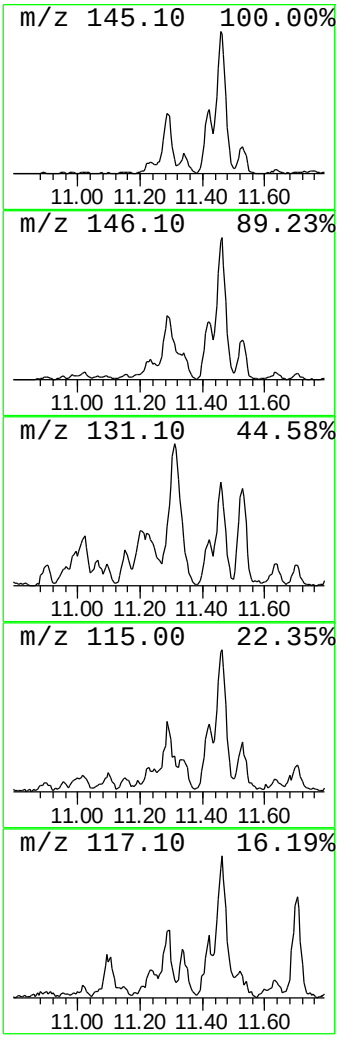
Peak Number 12 1,5-Dihydroxy-1,2,3,4-tetra... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	58.42 ng/ul	1653270	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,5-Dihydroxy-1,2,3,4-tetrahydro...	164	C10H12O2	040771-26-4	59
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	52
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	47
5	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	38





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Acq On : 17 Dec 2016 19:29
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Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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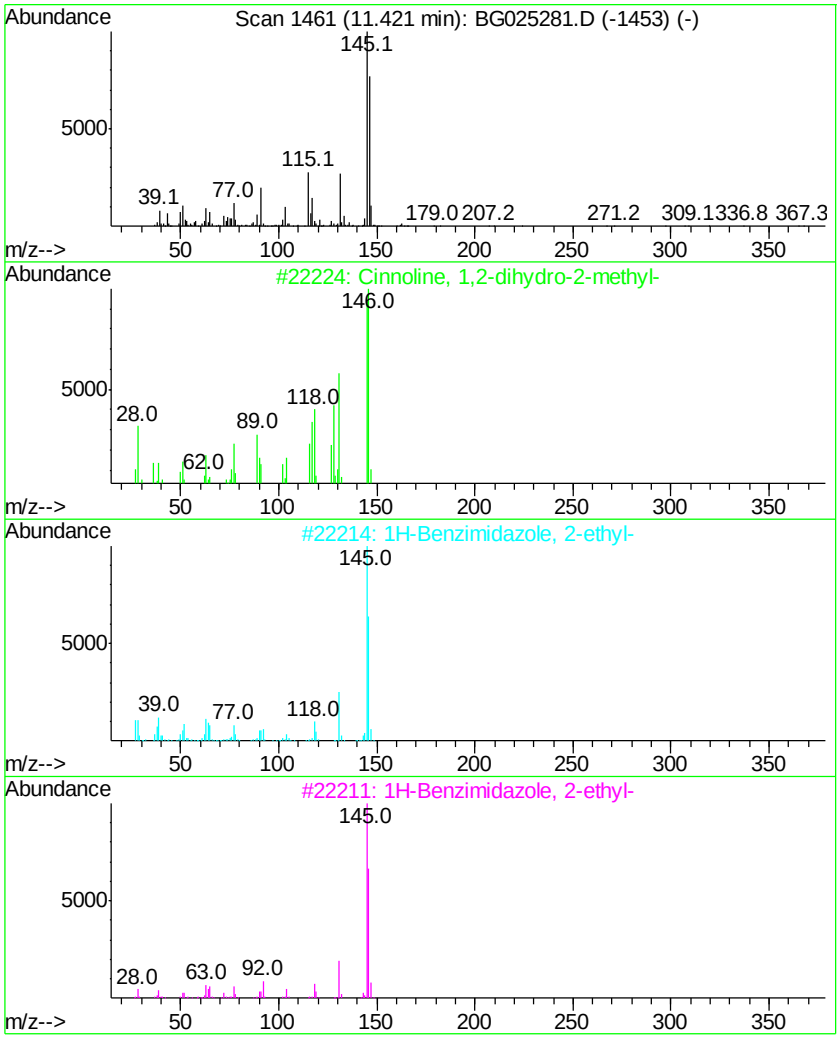
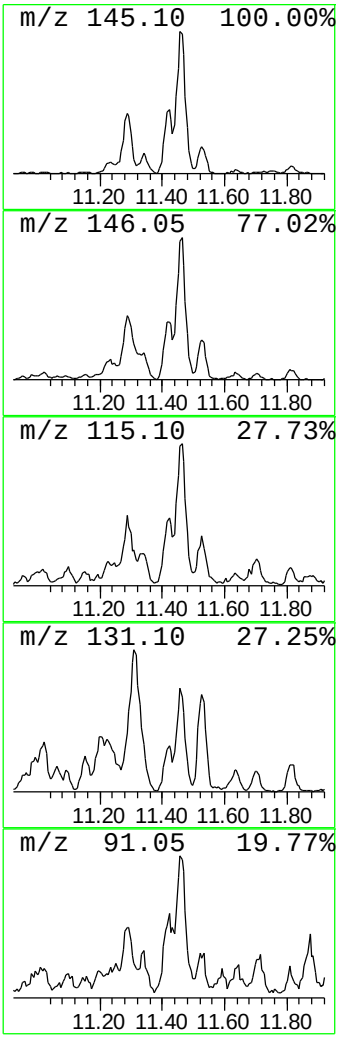
Peak Number 13 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	31.98 ng/ul	905090	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	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	59





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Instrument : BNA_G
ClientSampleId : DA8W0

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Quant Title : SVOA CALIBRATION

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

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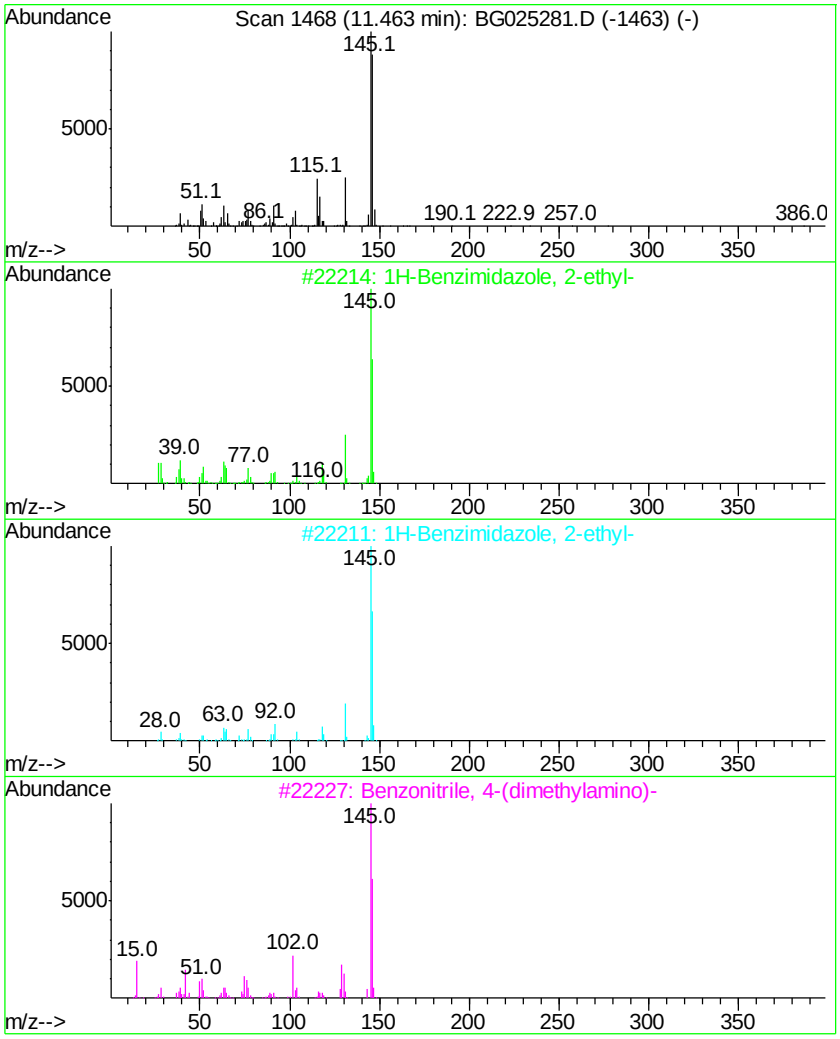
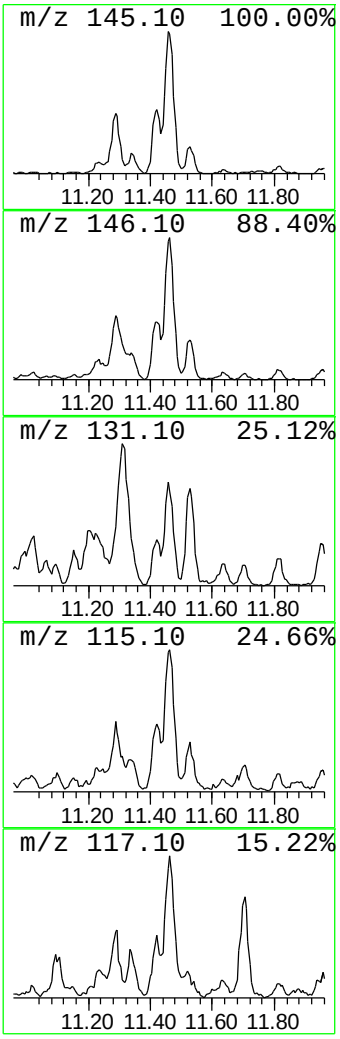
Peak Number 14 1H-Benzimidazole, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	71.25 ng/ul	2016110	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	50
5	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	47





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : DA8W0

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Quant Title : SVOA CALIBRATION

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

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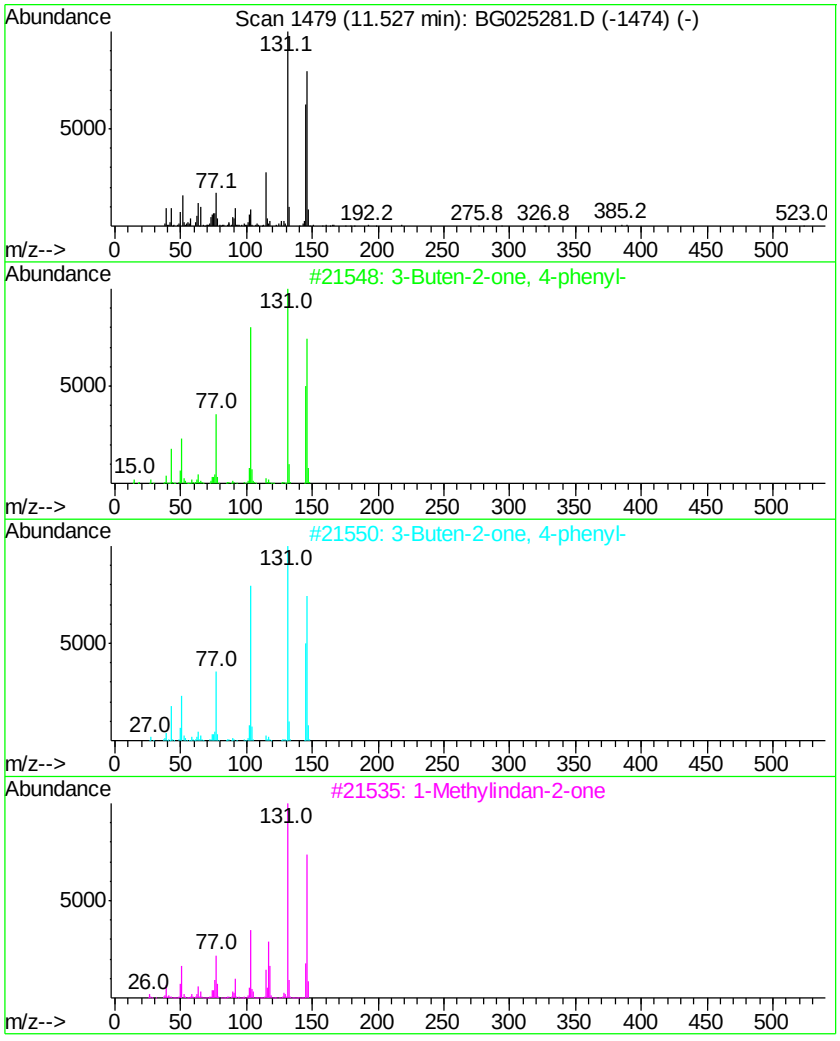
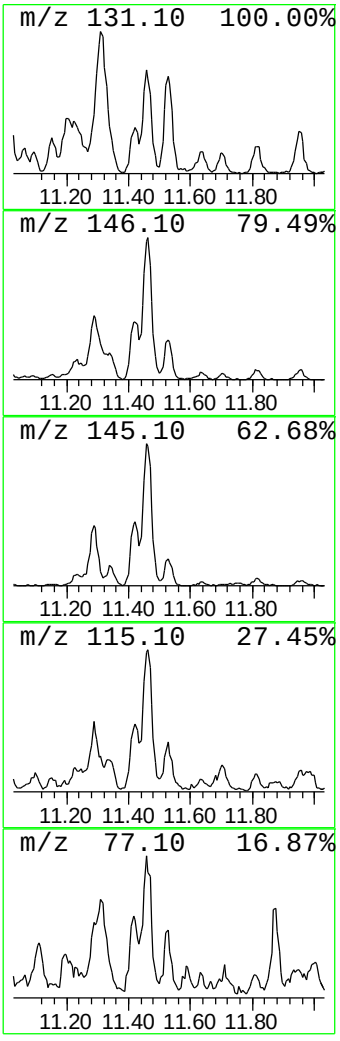
Peak Number 15 3-Buten-2-one, 4-phenyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	19.15 ng/ul	541791	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	83
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	83
3	1-Methylindan-2-one	146	C10H10O	035587-60-1	81
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	80
5	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	80





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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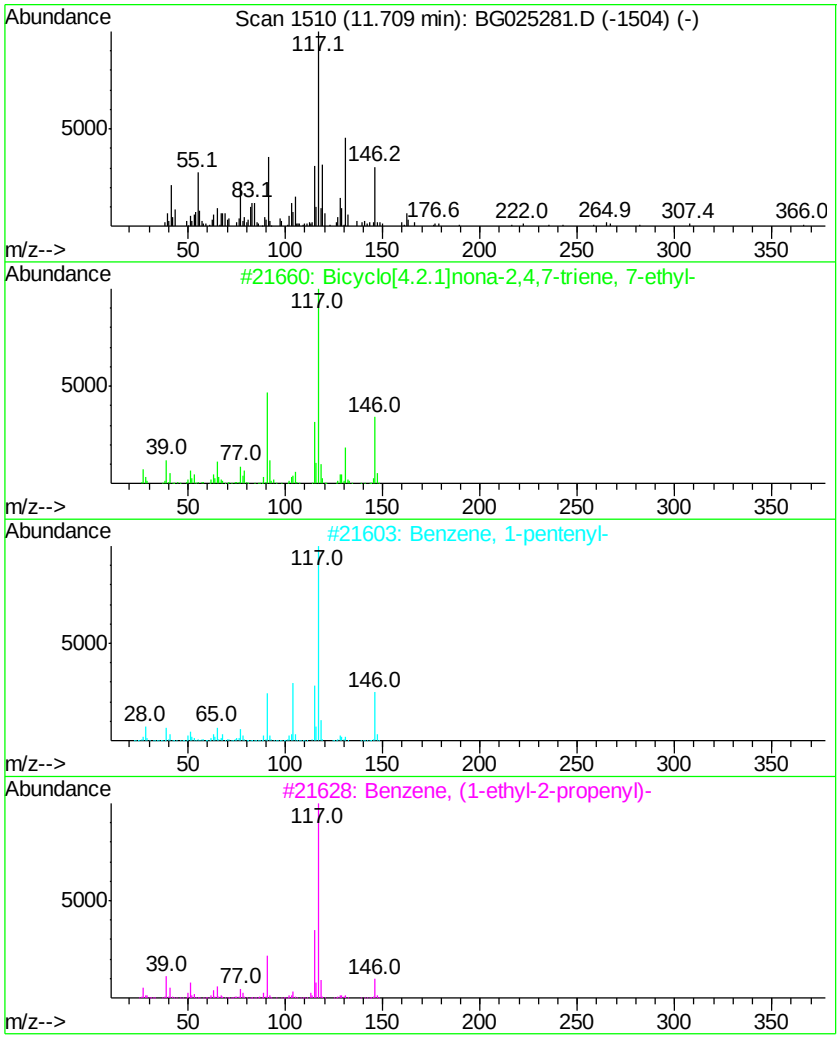
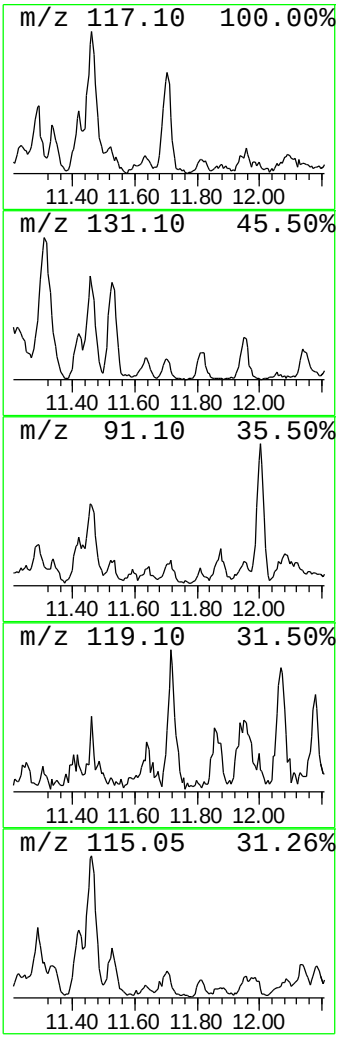
Peak Number 16 Bicyclo[4.2.1]nona-2,4,7-tr... Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	12.48 ng/ul	353038	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[4.2.1]nona-2,4,7-triene,...	146	C11H14	1000164-42-6	58
2	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	52
3	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	52
4	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	49
5	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	46





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Instrument : BNA_G
ClientSampleId : DA8W0

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Quant Title : SVOA CALIBRATION

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

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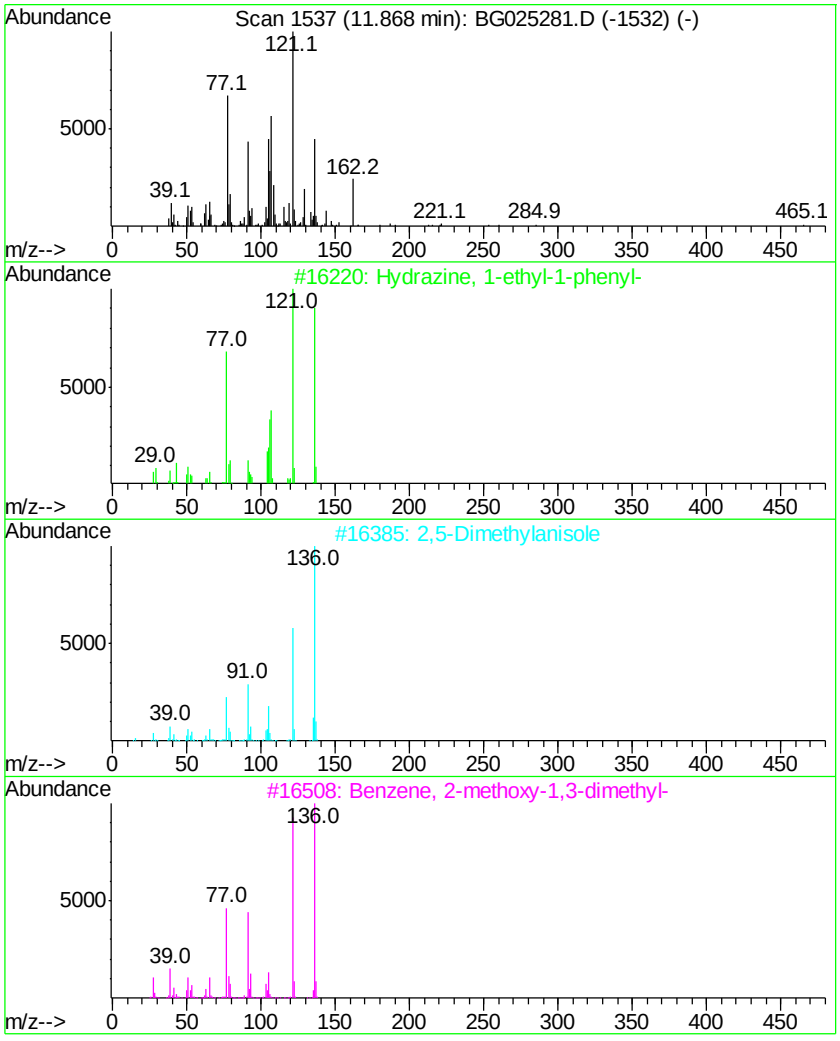
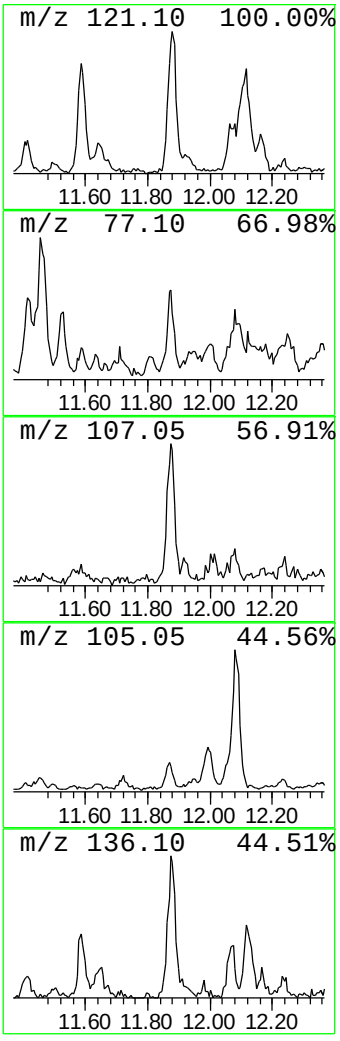
Peak Number 17 Hydrazine, 1-ethyl-1-phenyl- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	11.13 ng/ul	314868	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1-ethyl-1-phenyl-	136	C8H12N2	000644-21-3	76
2	2,5-Dimethylanisole	136	C9H12O	001706-11-2	64
3	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	60
4	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	58
5	2,4-Dimethylanisole	136	C9H12O	006738-23-4	58





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ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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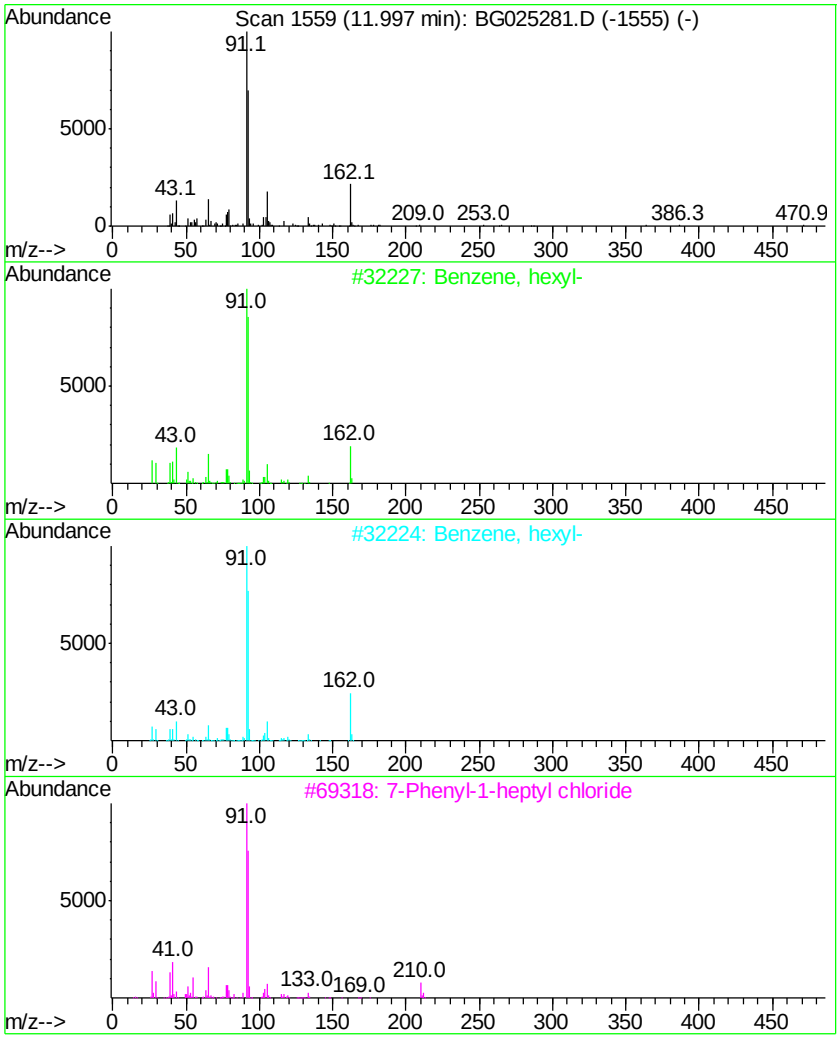
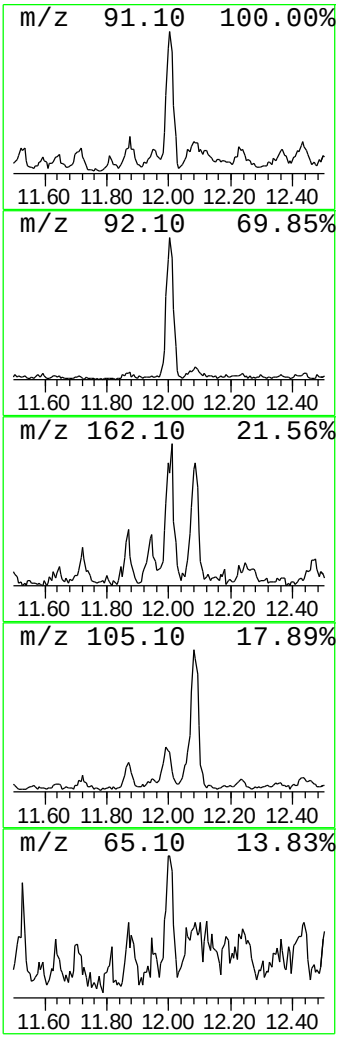
Peak Number 18 Benzene, hexyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	13.90 ng/ul	393249	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexyl-	162	C12H18	001077-16-3	80
2	Benzene, hexyl-	162	C12H18	001077-16-3	80
3	7-Phenyl-1-heptyl chloride	210	C13H19Cl	071434-47-4	53
4	Benzene, (3-methylpentyl)-	162	C12H18	054410-69-4	53
5	Benzene, hexyl-	162	C12H18	001077-16-3	53





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Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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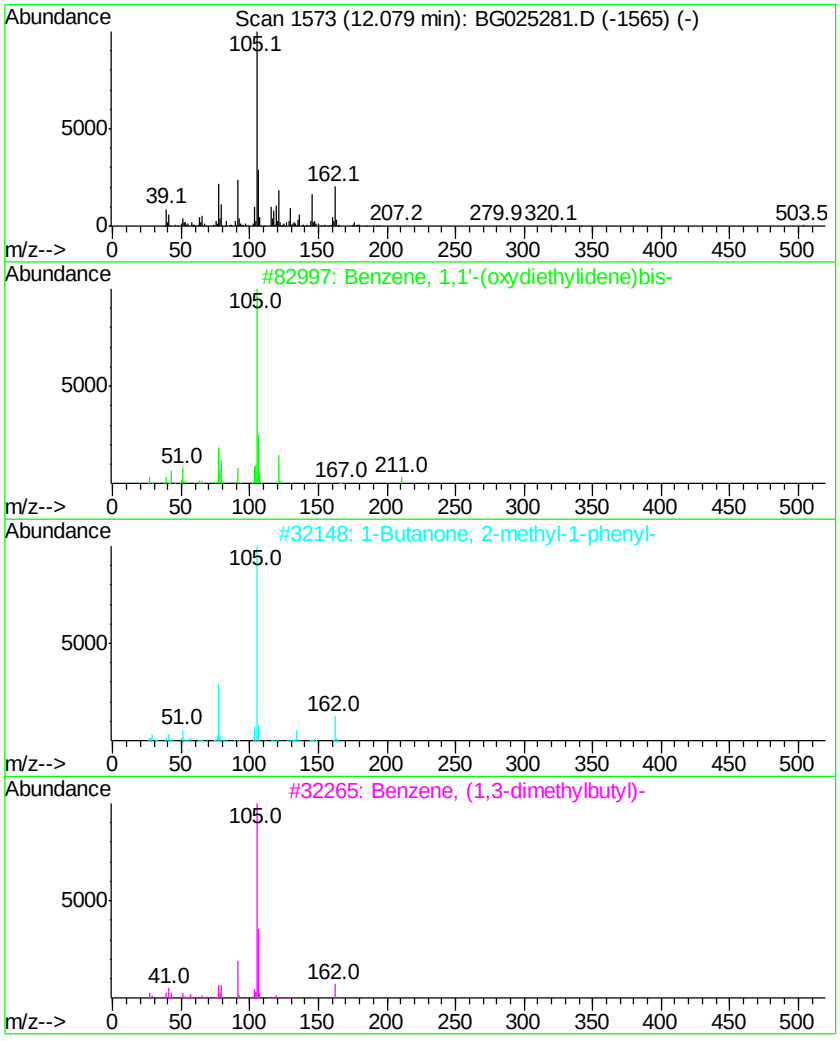
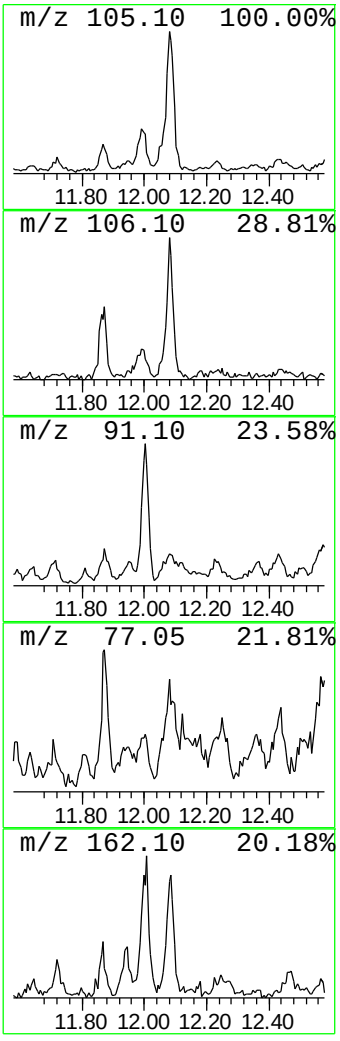
Peak Number 19 unknown-02 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	22.99 ng/ul	650645	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	47
2	1-Butanone, 2-methyl-1-phenyl-	162	C11H14O	000938-87-4	43
3	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	43
4	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	43
5	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	38





Library Search Compound Report

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Data File : BG025281.D
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Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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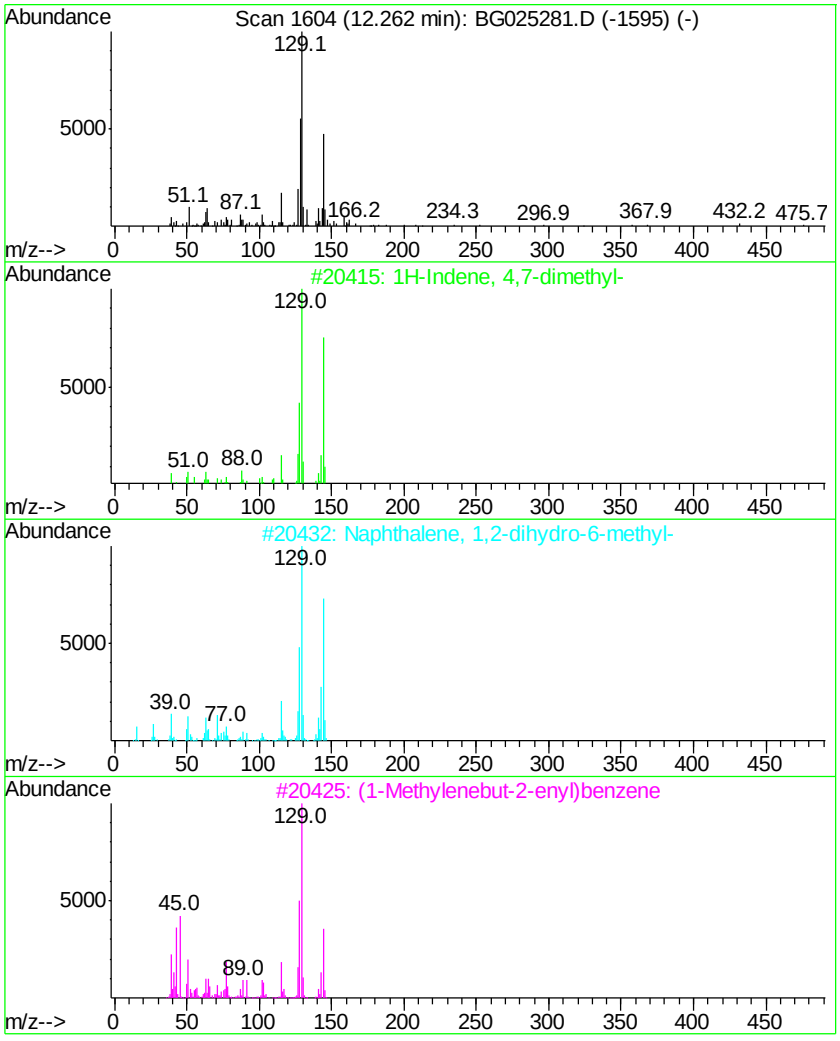
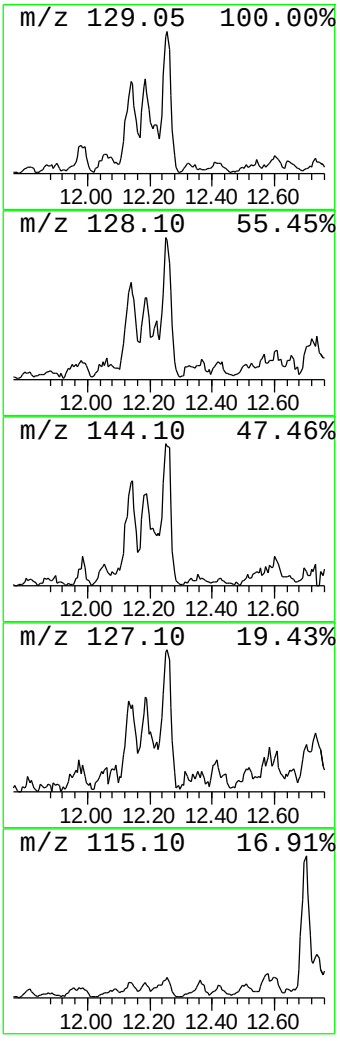
Peak Number 20 1H-Indene, 4,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	26.32 ng/ul	744860	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	91
2	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	91
3	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	90
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	87
5	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87





Library Search Compound Report

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Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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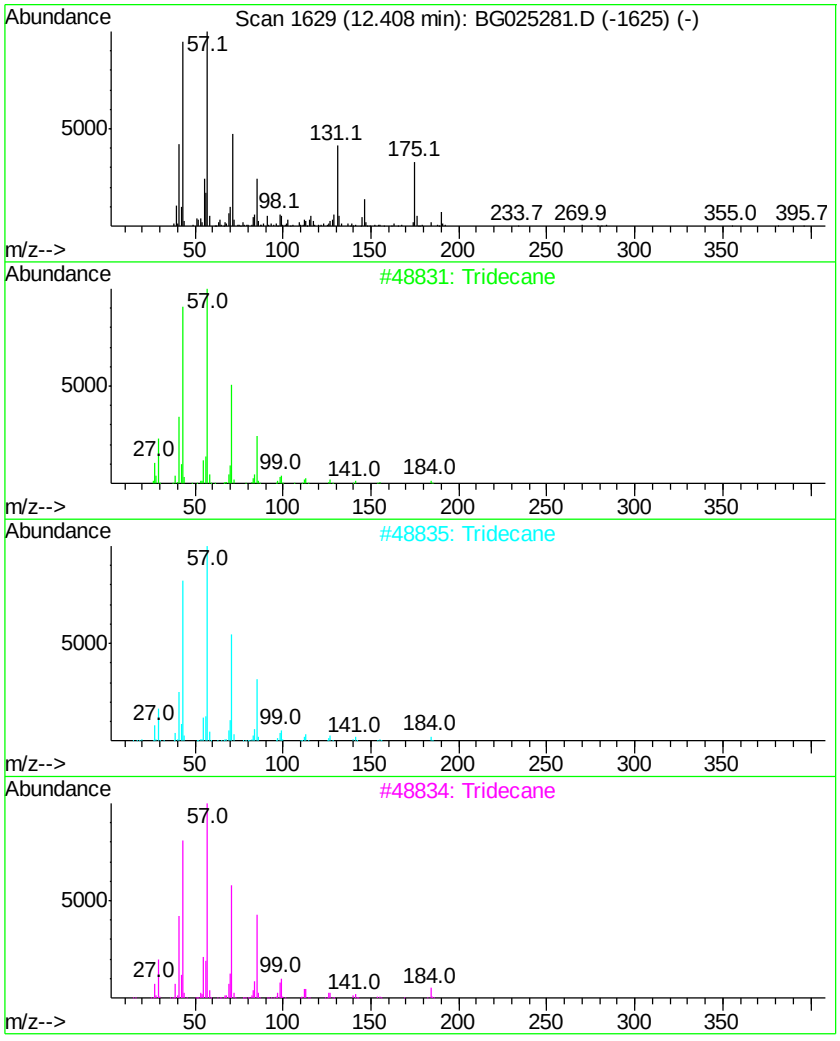
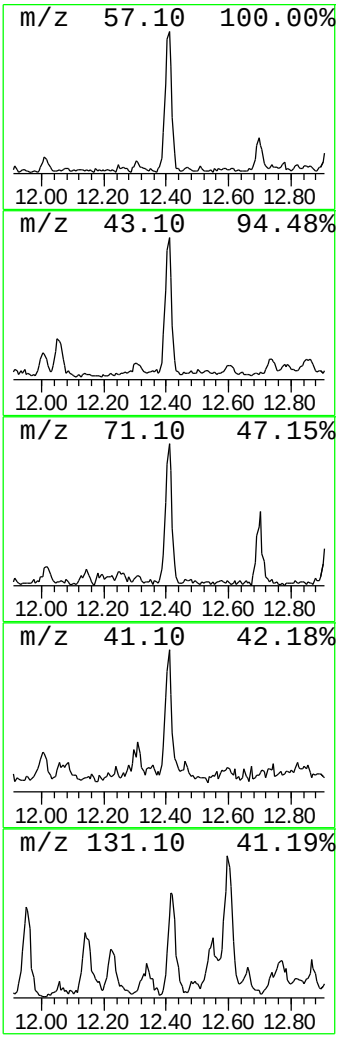
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	26.69 ng/ul	755131	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Tridecane	184	C13H28	000629-50-5	64
3	Tridecane	184	C13H28	000629-50-5	50
4	Dodecane	170	C12H26	000112-40-3	38
5	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	38





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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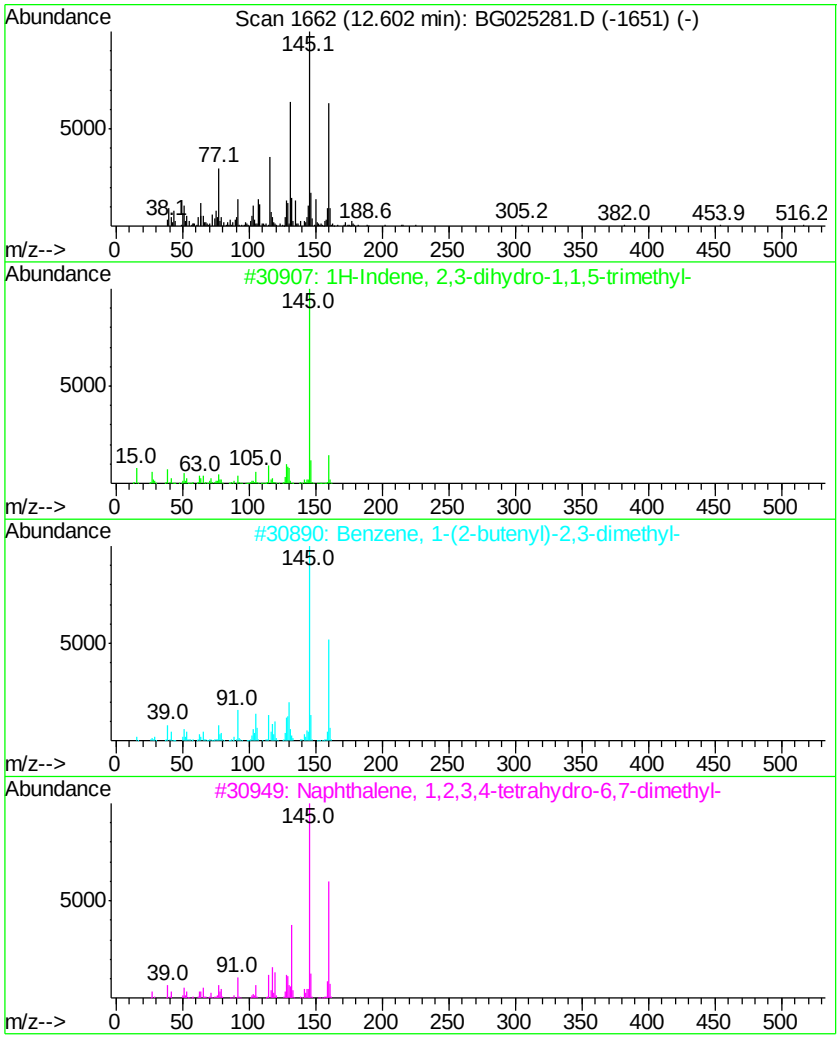
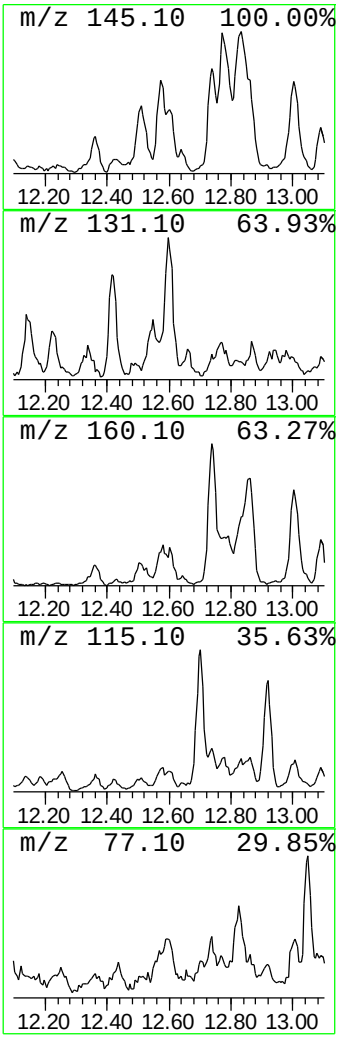
Peak Number 22 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	30.21 ng/ul	854755	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	64
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	62
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	62
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	62
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	62





Library Search Compound Report

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Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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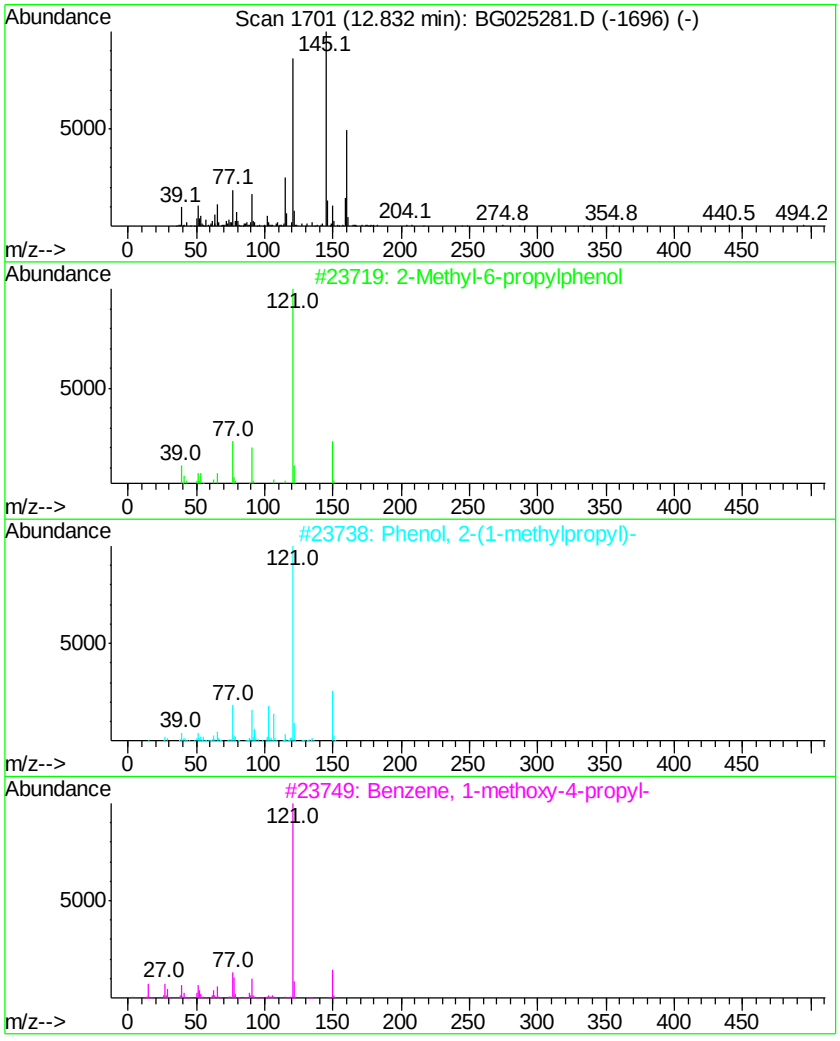
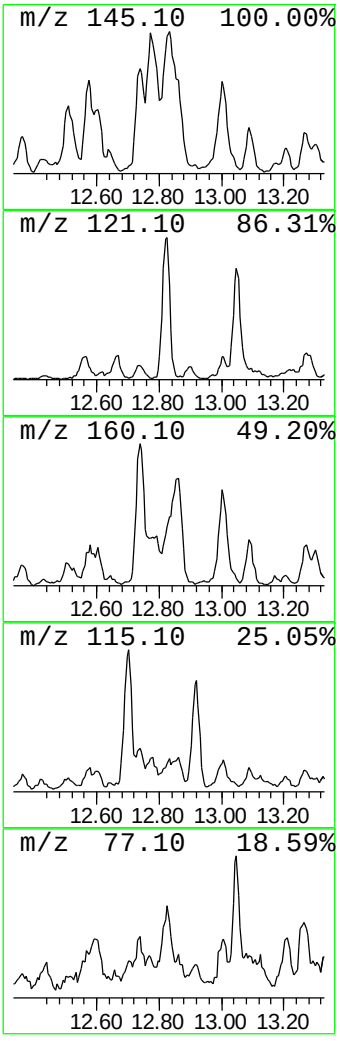
Peak Number 23 2-Methyl-6-propylphenol Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	21.96 ng/ul	621414	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-6-propylphenol	150	C10H14O	003520-52-3	55
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	50
3	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	43
4	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	43
5	4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	43





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Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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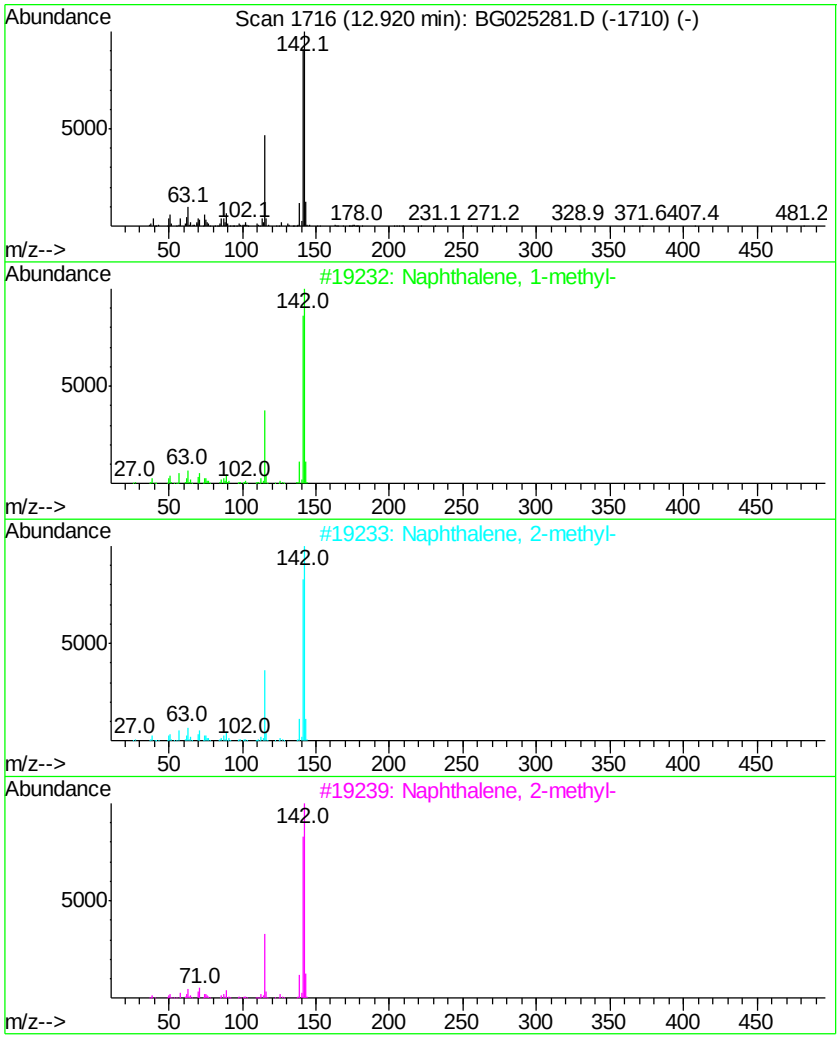
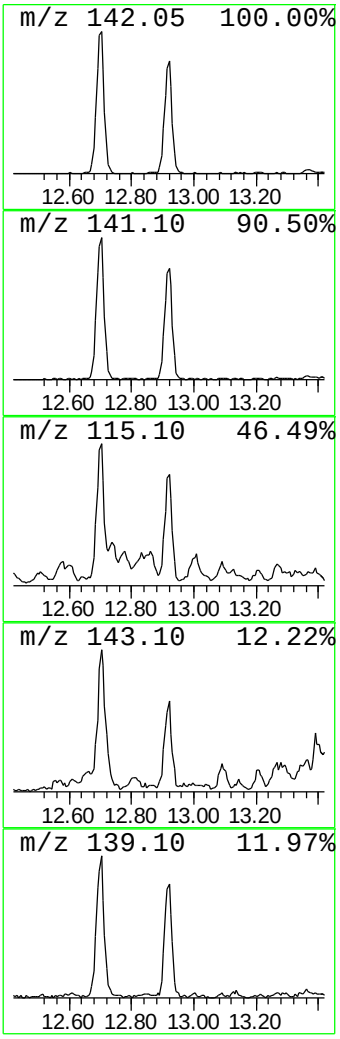
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	46.15 ng/ul	1306030	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93





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Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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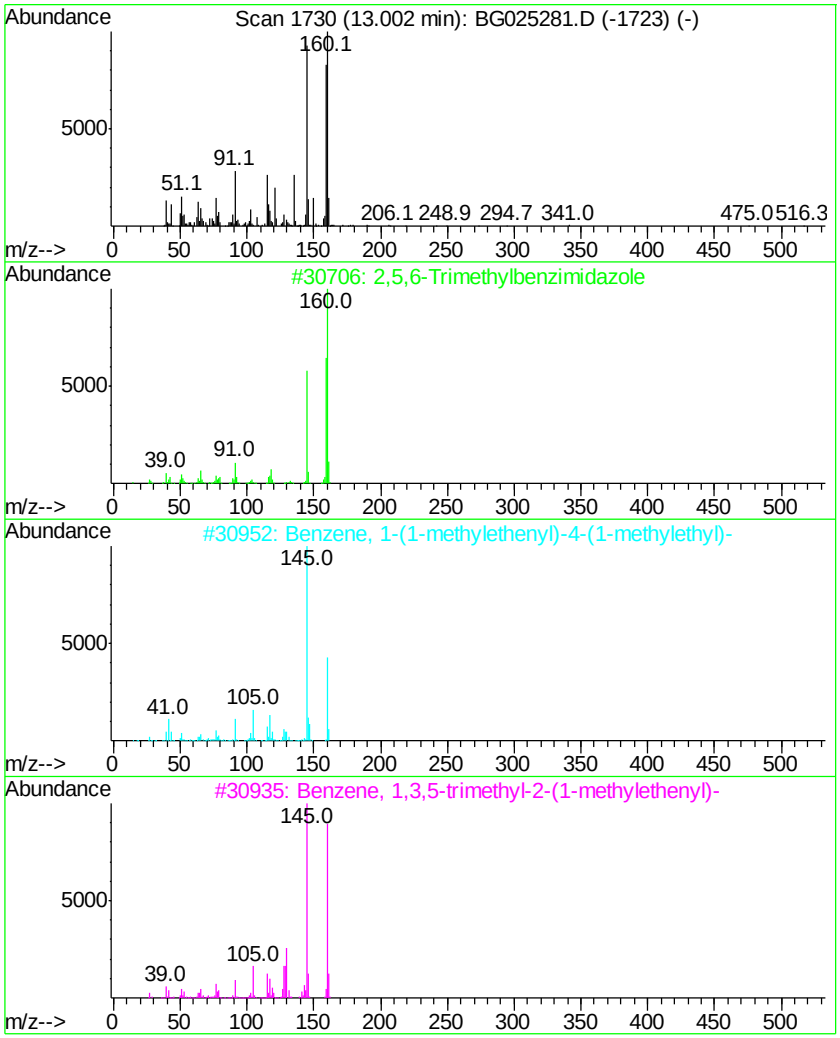
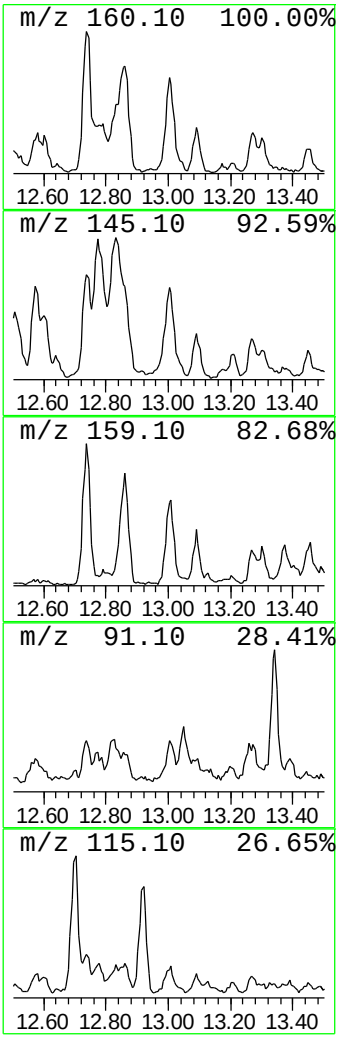
Peak Number 25 2,5,6-Trimethylbenzimidazole Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	22.11 ng/ul	999557	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	72
2	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	46
3	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46
4	Thiophene, 3-phenyl-	160	C10H8S	002404-87-7	30
5	2-Naphthalenethiol	160	C10H8S	000091-60-1	30





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Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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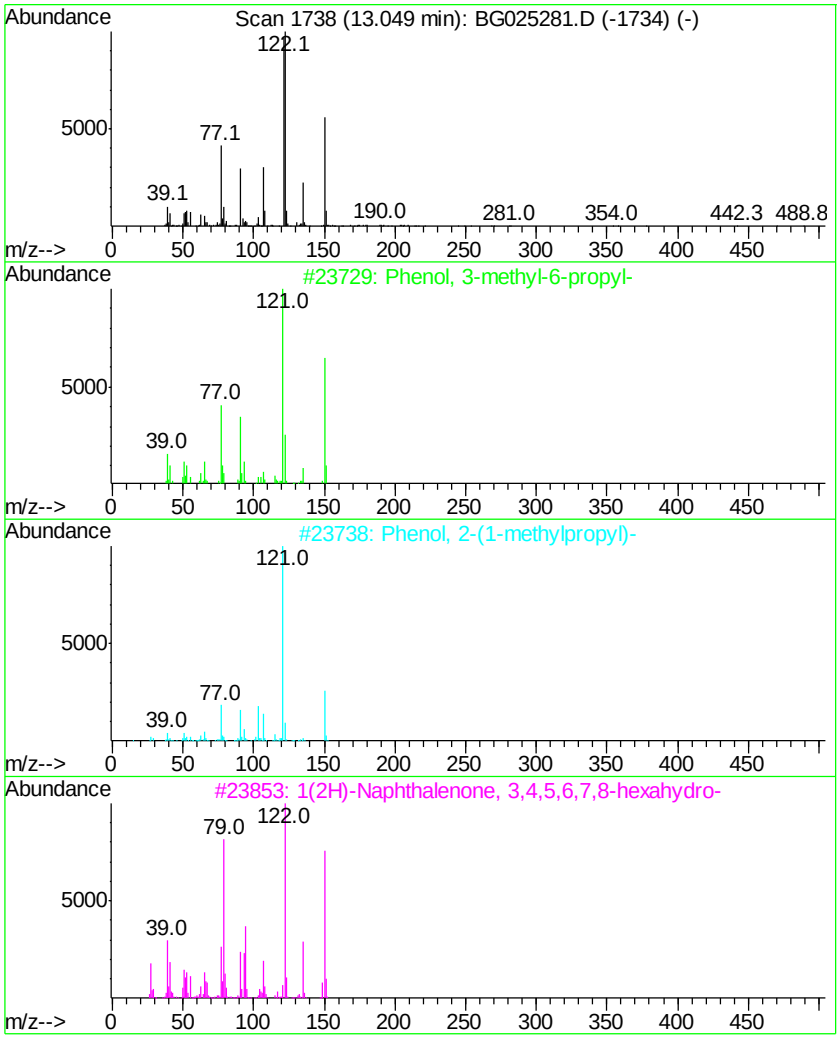
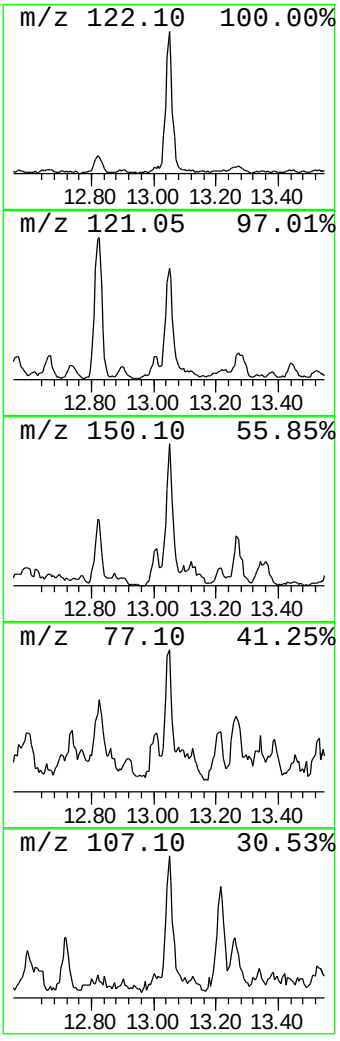
Peak Number 26 Phenol, 3-methyl-6-propyl- Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	8.36 ng/ul	378189	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	50
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	50
3	1(2H)-Naphthalenone, 3,4,5,6,7,8...	150	C10H14O	018631-96-4	47
4	Benzo[b]thiophene-2-ol	150	C8H6OS	000496-31-1	46
5	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	46





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Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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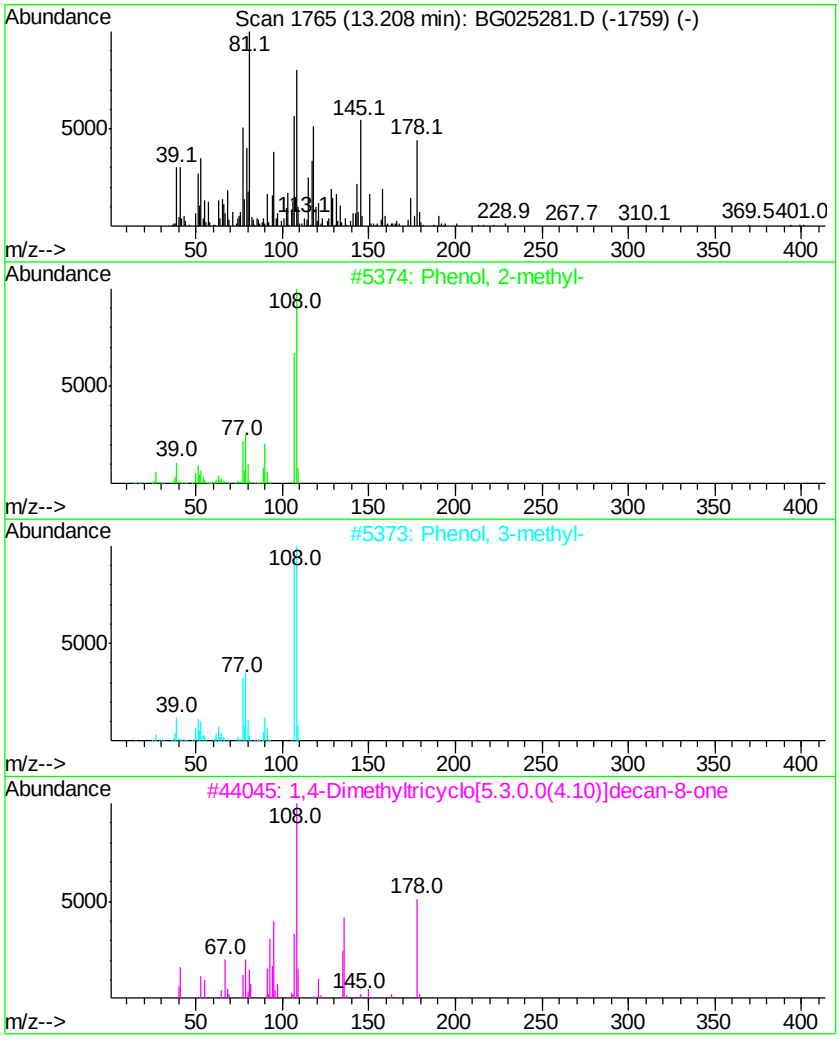
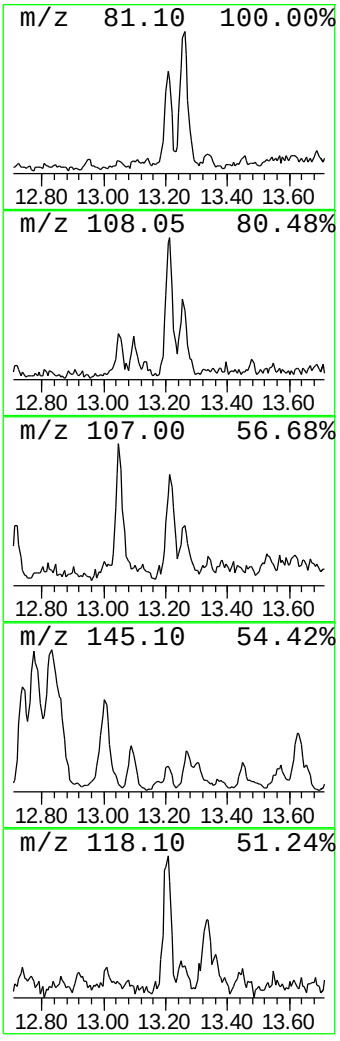
Peak Number 27 unknown-03 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	11.56 ng/ul	522640	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	35
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	35
3	1,4-Dimethyltricyclo[5.3.0.0(4.1...	178	C12H18O	138041-97-1	30
4	1,4-Dimethyltricyclo[5.3.0.0(4.1...	178	C12H18O	138041-97-1	30
5	Carbonic acid, neopentyl 3-methy...	222	C13H18O3	1000357-85-9	25





Library Search Compound Report

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Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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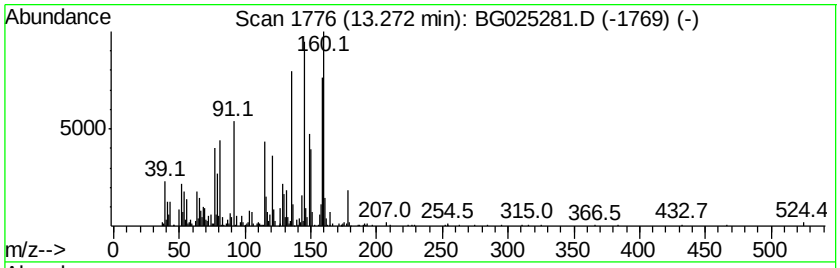
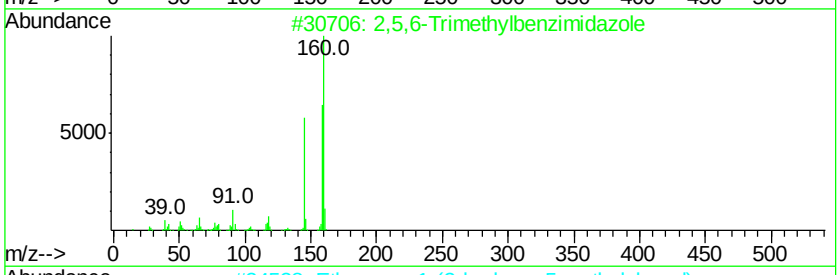
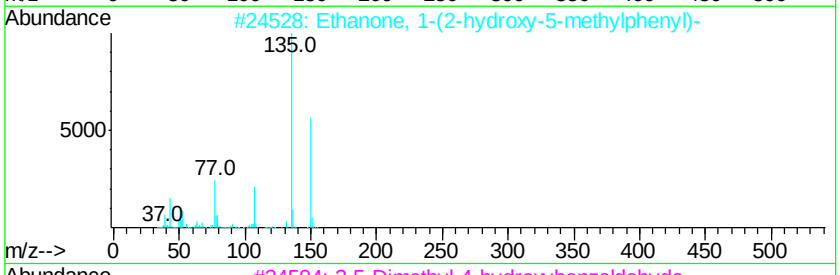
Peak Number 28 unknown-04 Concentration Rank 23

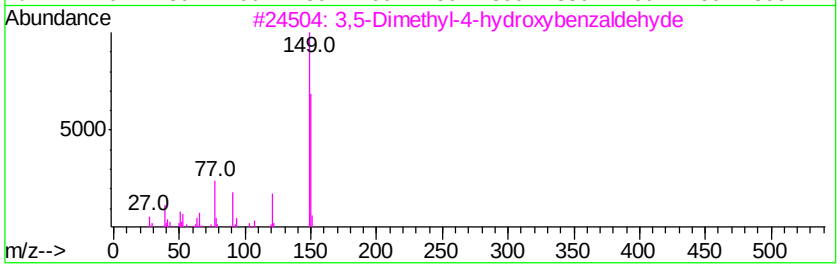
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	24.26 ng/ul	1096770	Acenaphthene-d10	14.86

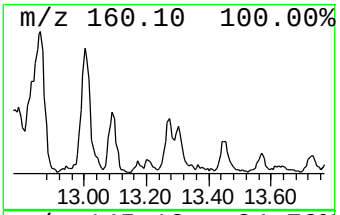
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	38
2	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	25
3	3,5-Dimethyl-4-hydroxybenzaldehyde	150	C9H10O2	002233-18-3	25
4	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	25
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	18

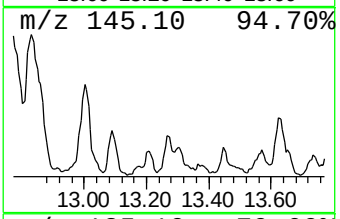


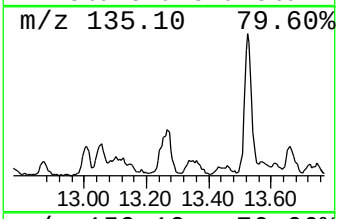


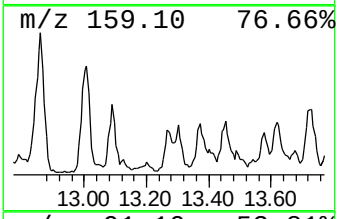


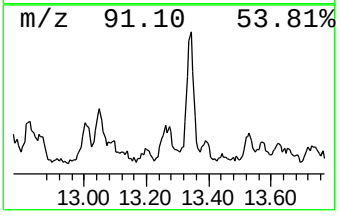












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

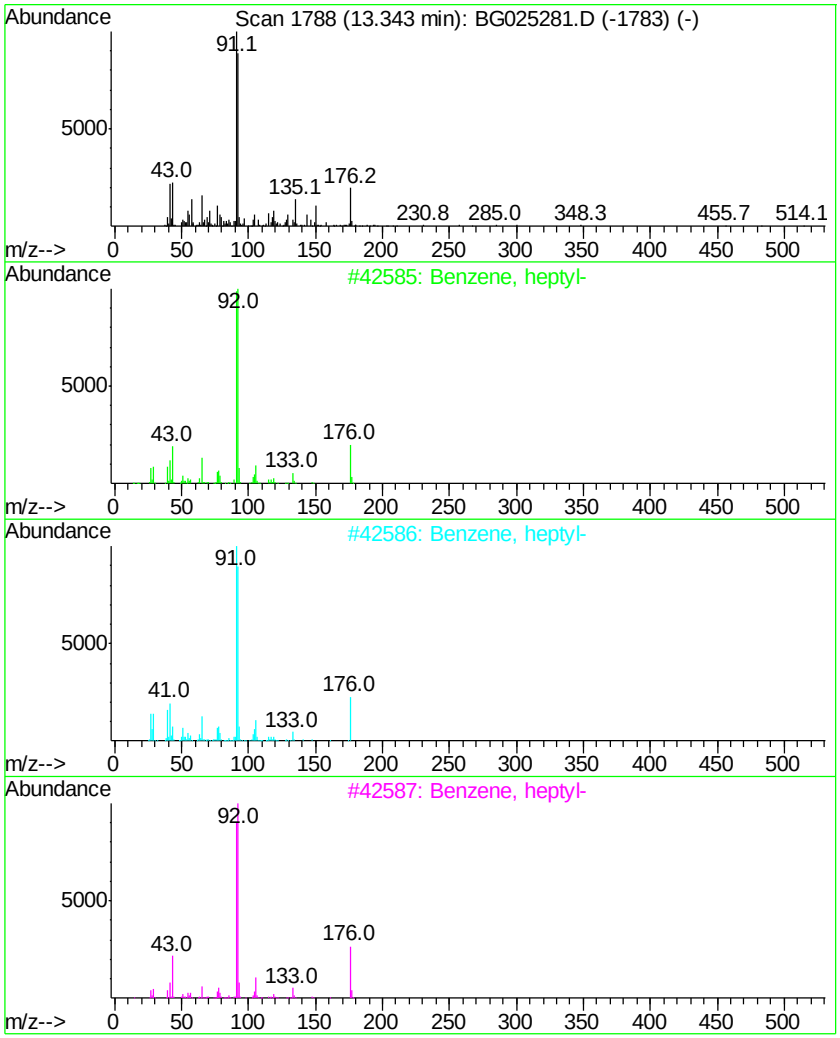
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

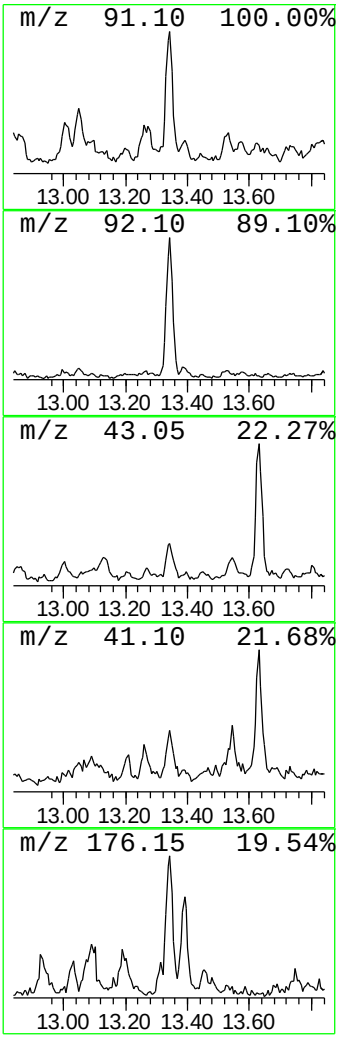
****

Peak Number 29 Benzene, heptyl- Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	9.05 ng/ul	409125	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	68
2	Benzene, heptyl-	176	C13H20	001078-71-3	64
3	Benzene, heptyl-	176	C13H20	001078-71-3	59
4	Benzeneacetamide	135	C8H9NO	000103-81-1	52
5	Benzeneacetamide	135	C8H9NO	000103-81-1	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

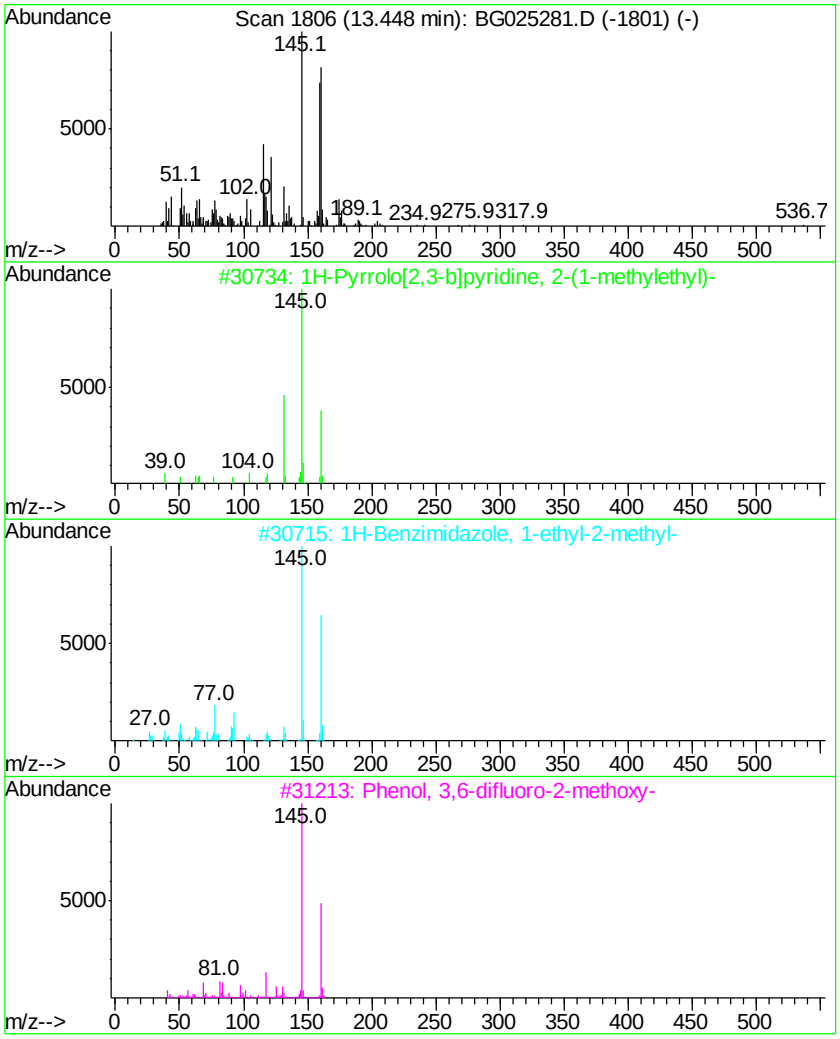
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

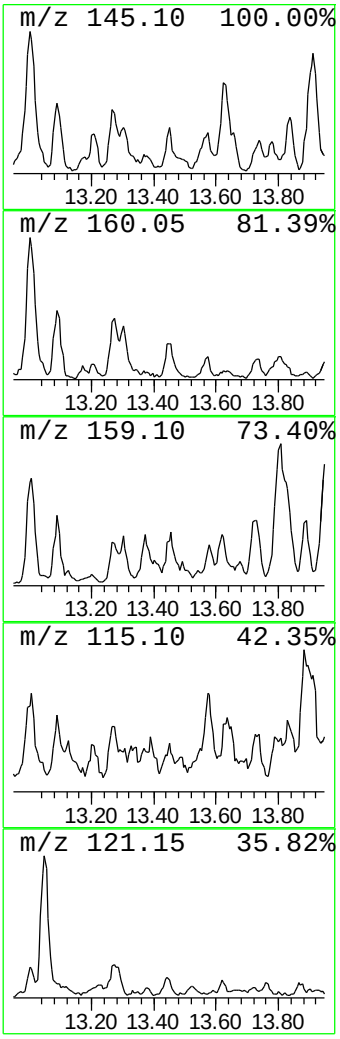
****

Peak Number 30 unknown-05 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	9.24 ng/ul	417696	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	46
2	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	46
3	Phenol, 3,6-difluoro-2-methoxy-	160	C7H6F2O2	075626-22-1	46
4	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	43
5	Formamide, N-[2-(5-methoxyindol-...	218	C12H14N2O2	104510-12-5	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

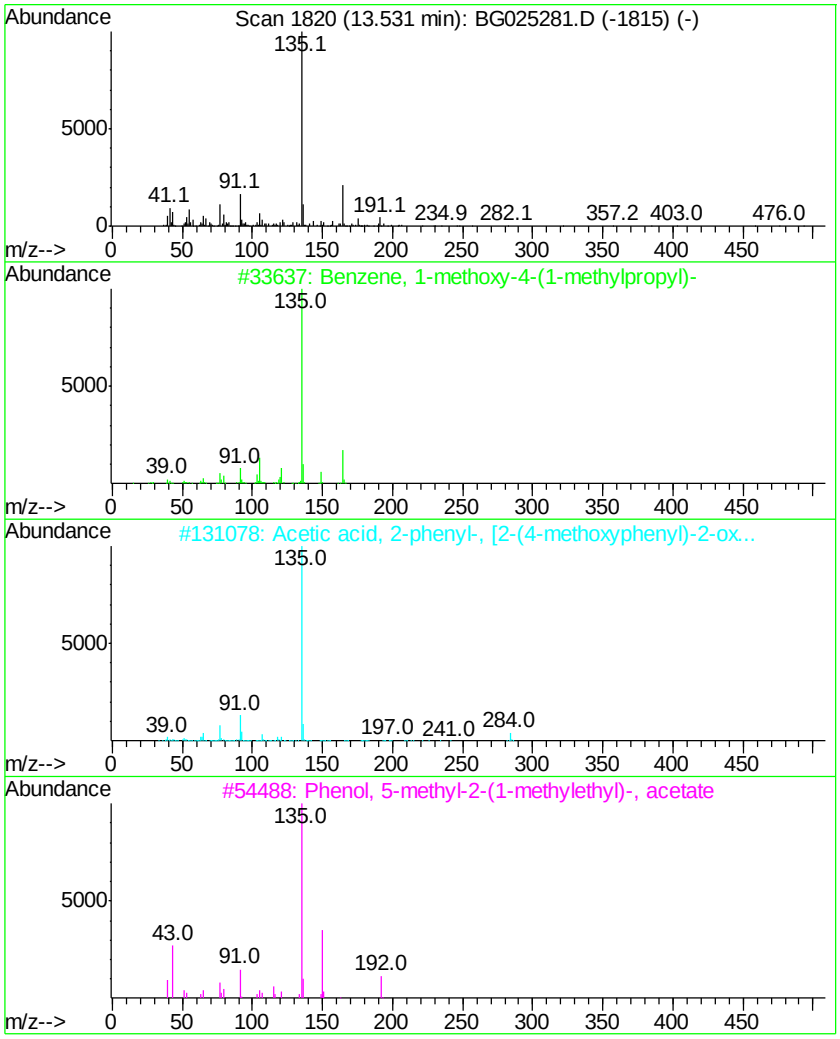
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

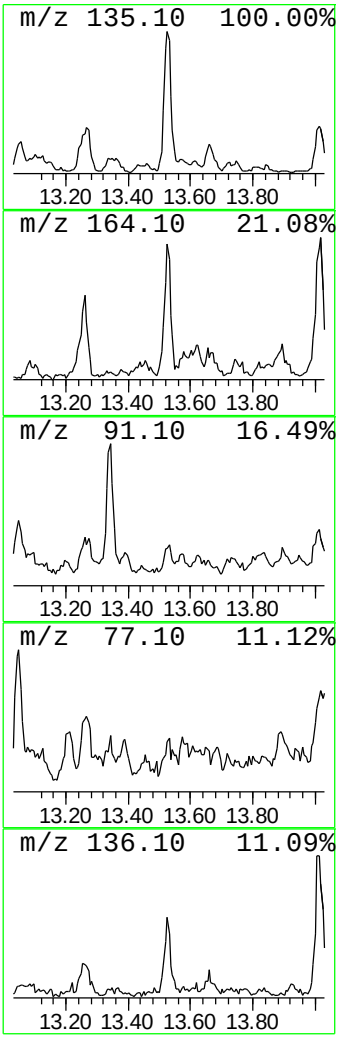
****

Peak Number 31 Benzene, 1-methoxy-4-(1-met... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	13.84 ng/ul	625876	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-(1-methylpr...	164	C11H16O	004917-90-2	64
2	Acetic acid, 2-phenyl-, [2-(4-me...	284	C17H16O4	124646-76-0	59
3	Phenol, 5-methyl-2-(1-methylethy...	192	C12H16O2	000528-79-0	59
4	1-Bromoadamantane	214	C10H15Br	000768-90-1	53
5	1-(2-Methyl-penta-2,3-dienyl)-ad...	216	C16H24	063001-10-5	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

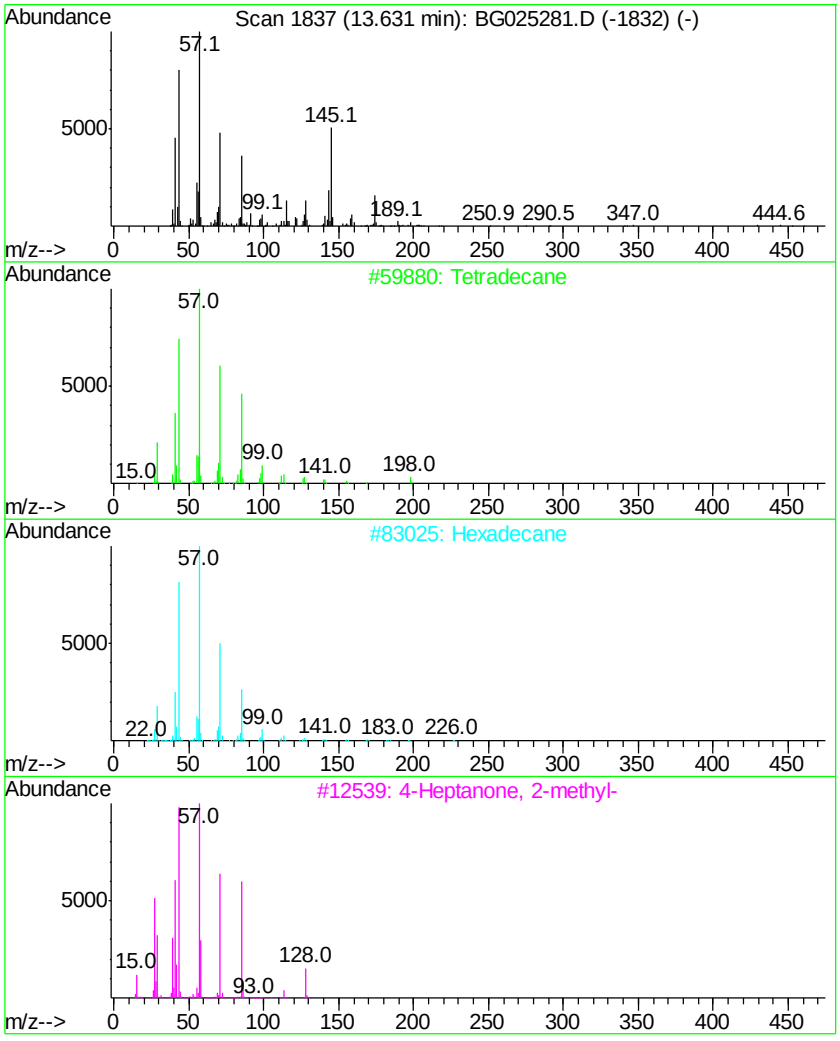
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

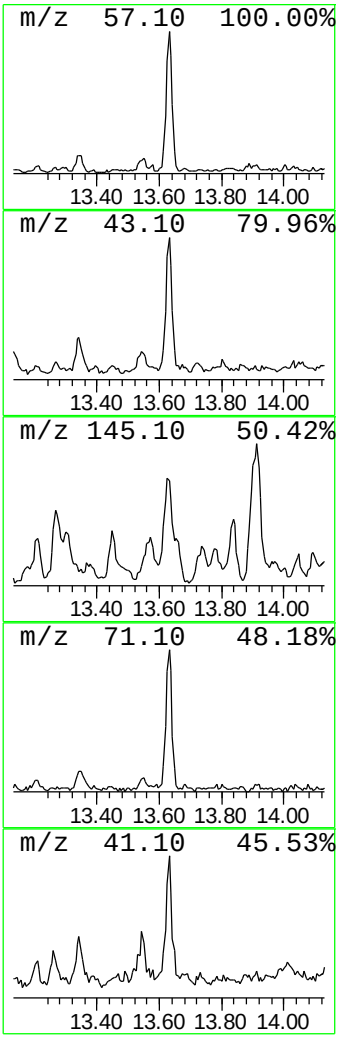
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 33 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	23.41 ng/ul	1058420	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	64
2	Hexadecane	226	C16H34	000544-76-3	43
3	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	43
4	Tridecane	184	C13H28	000629-50-5	38
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

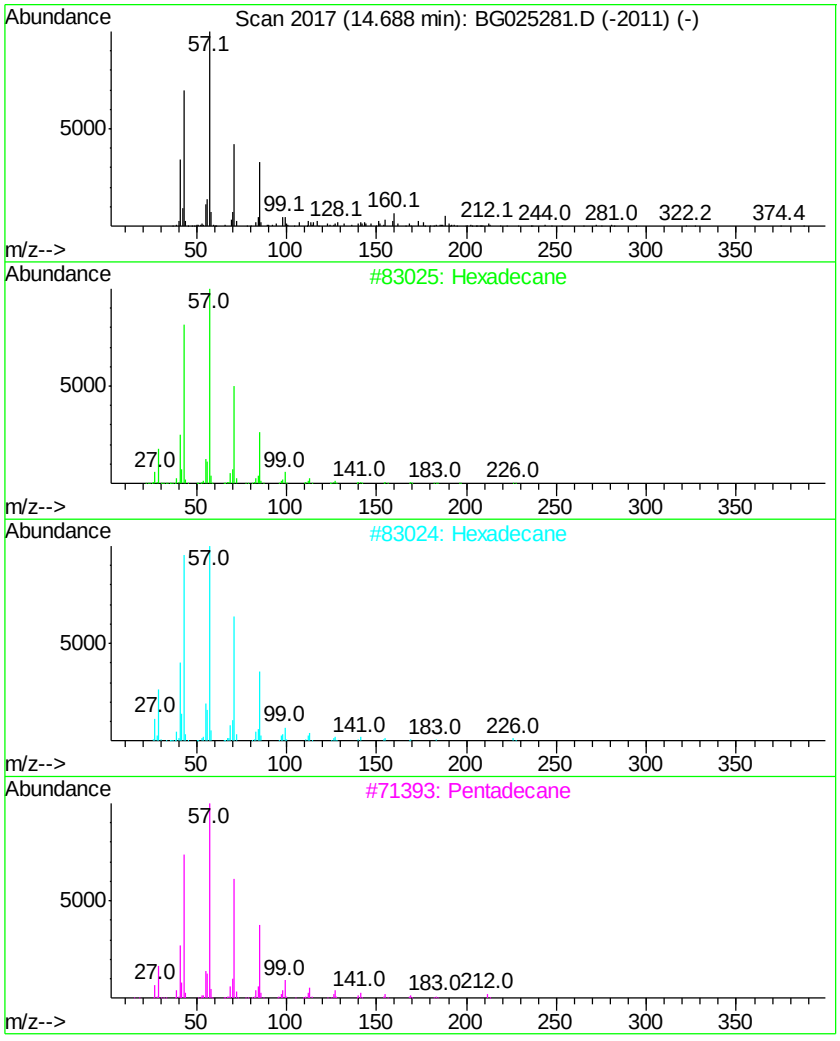
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

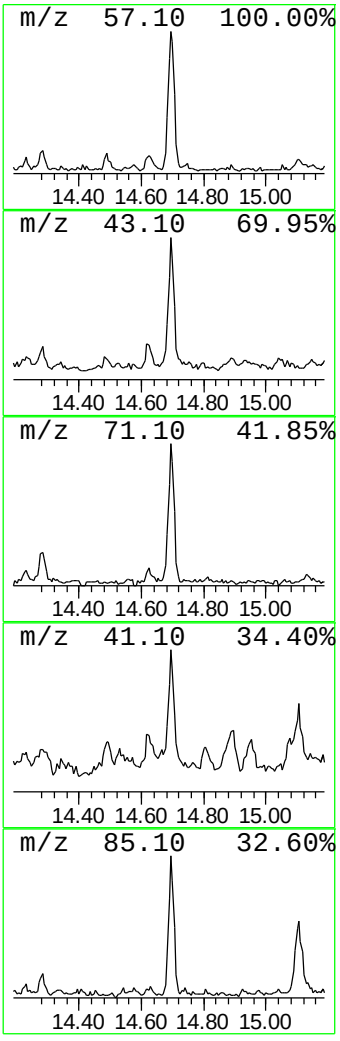
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	21.95 ng/ul	992588	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Pentadecane	212	C15H32	000629-62-9	76
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
5	Sulfurous acid, 2-propyl tetrade...	320	C17H36O3S	1000309-12-5	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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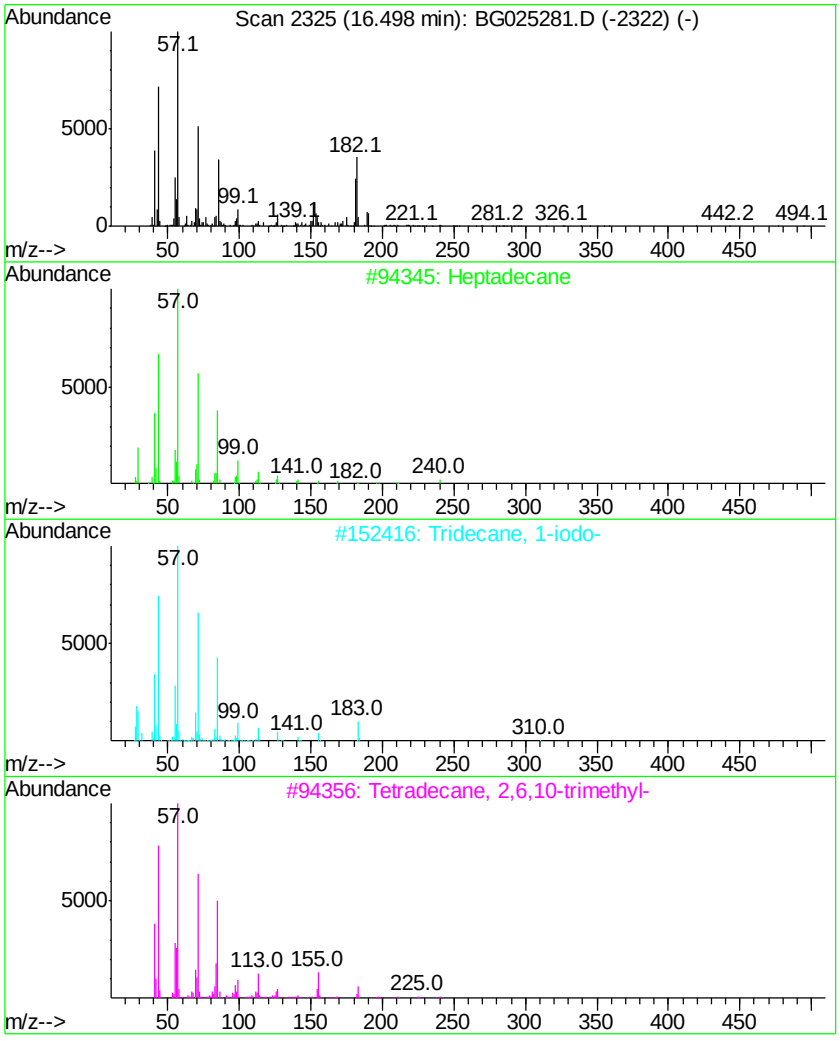
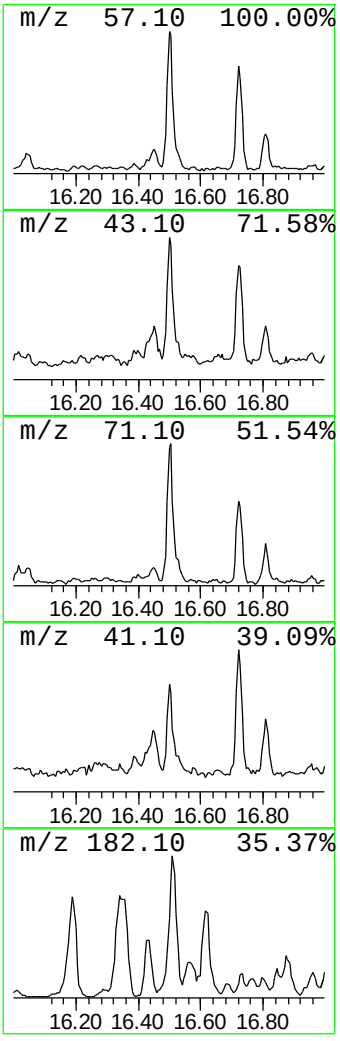
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	30.88 ng/ul	1523740	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	60
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	53
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	45
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

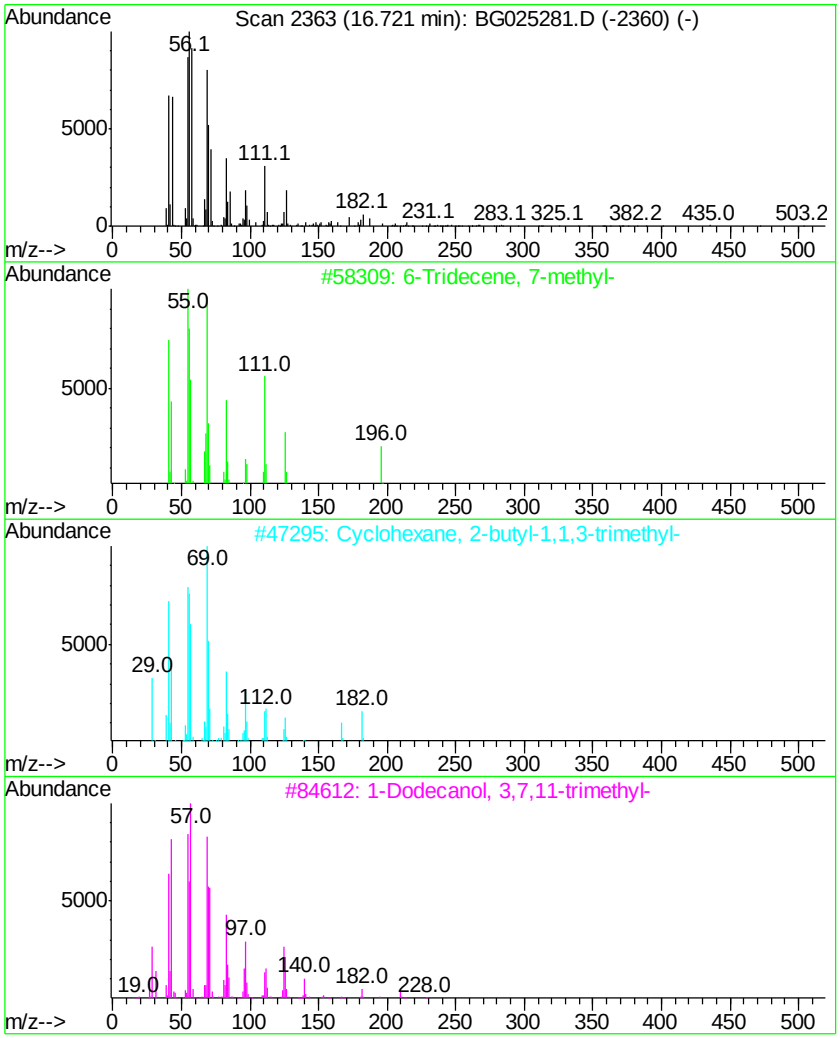
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

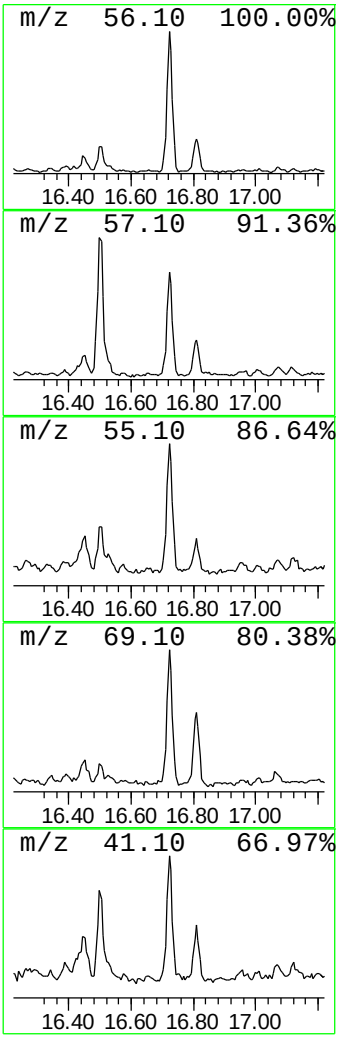
****

Peak Number 51 (DEL) Alkane: Cyclic16.72 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	31.25 ng/ul	1542160	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	76
2	Cyclohexane, 2-butyl-1,1,3-trime...	182	C13H26	054676-39-0	76
3	1-Dodecanol, 3,7,11-trimethyl-	228	C15H32O	006750-34-1	76
4	3-Ethyl-6-trifluoroacetoxyoctane	254	C12H21F3O2	1000215-97-3	52
5	Cyclopentane, 1-pentyl-2-propyl-	182	C13H26	062199-51-3	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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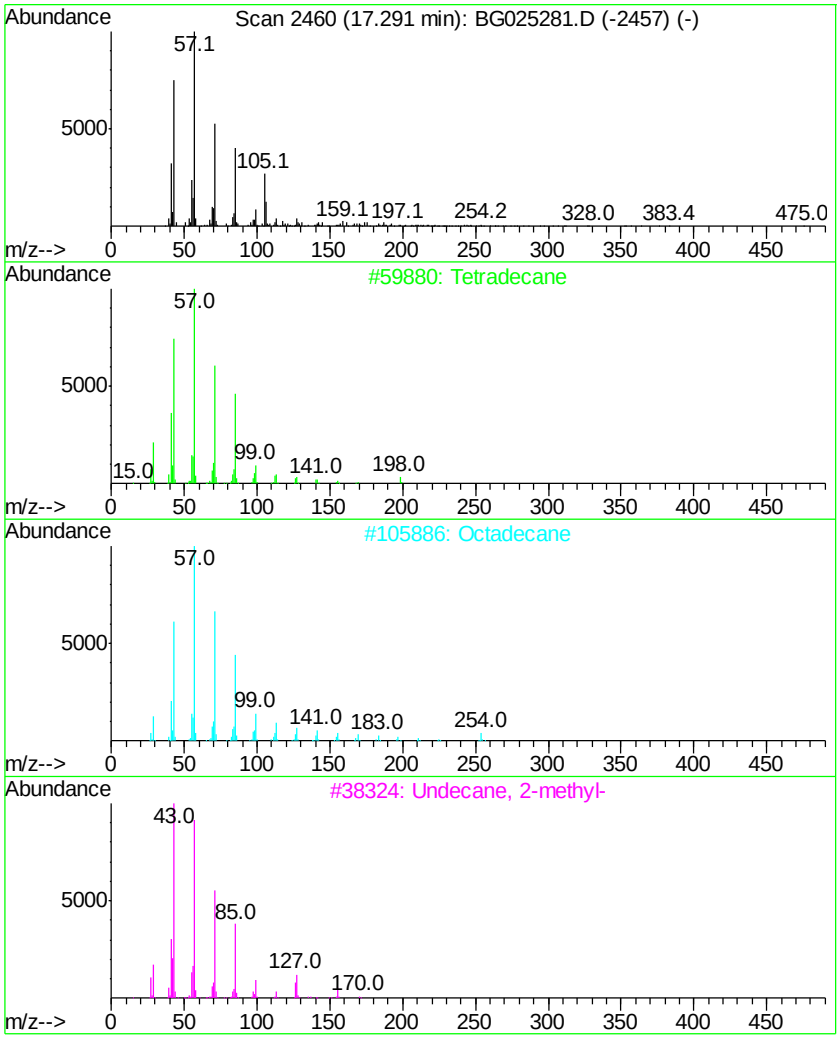
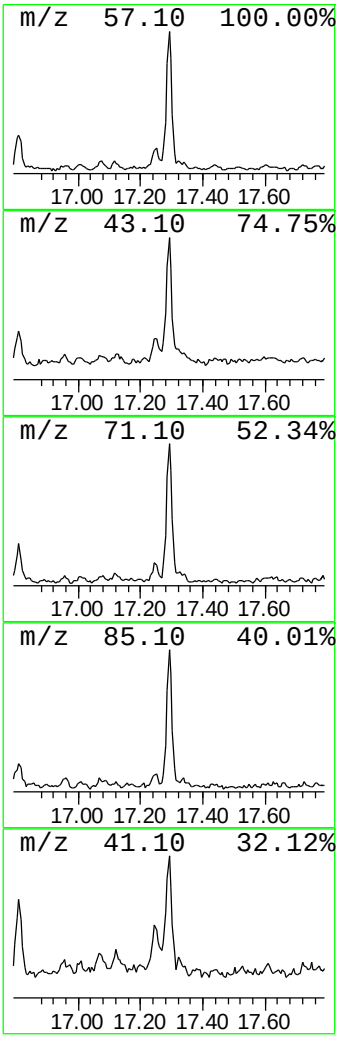
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	12.72 ng/ul	627646	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Octadecane	254	C18H38	000593-45-3	86
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	68
4	Hexadecane	226	C16H34	000544-76-3	64
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

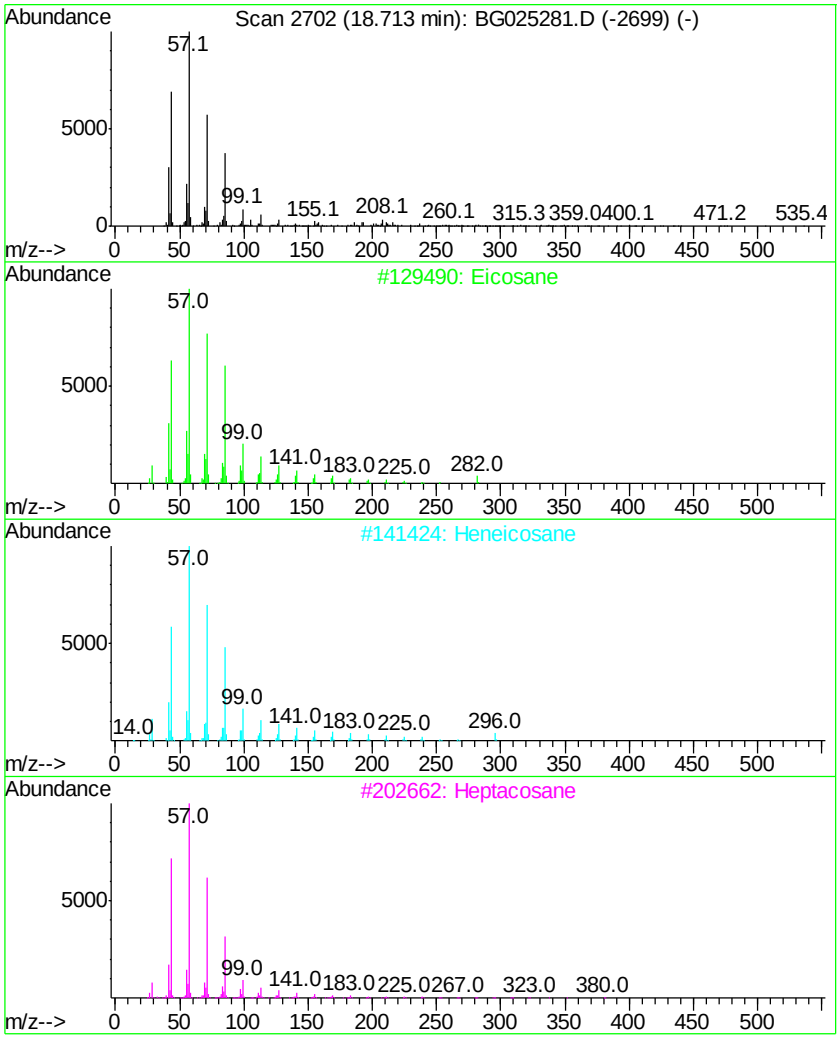
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

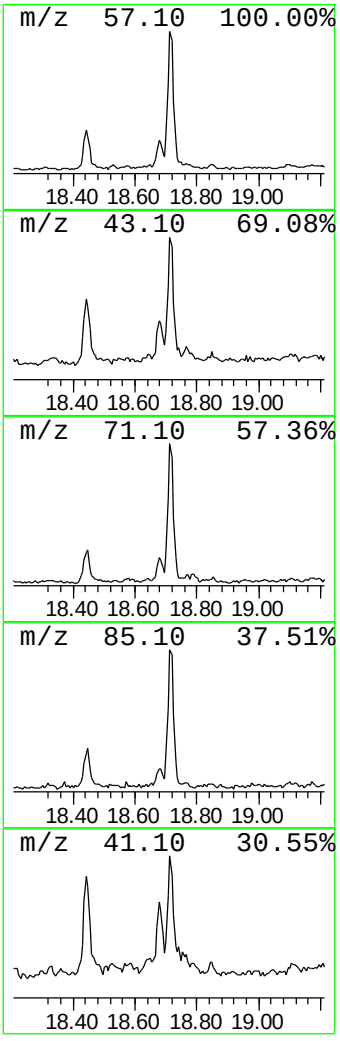
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	20.16 ng/ul	994863	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	81
2	Heneicosane	296	C21H44	000629-94-7	74
3	Heptacosane	380	C27H56	000593-49-7	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Hexadecane	226	C16H34	000544-76-3	72





Library Search Compound Report

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Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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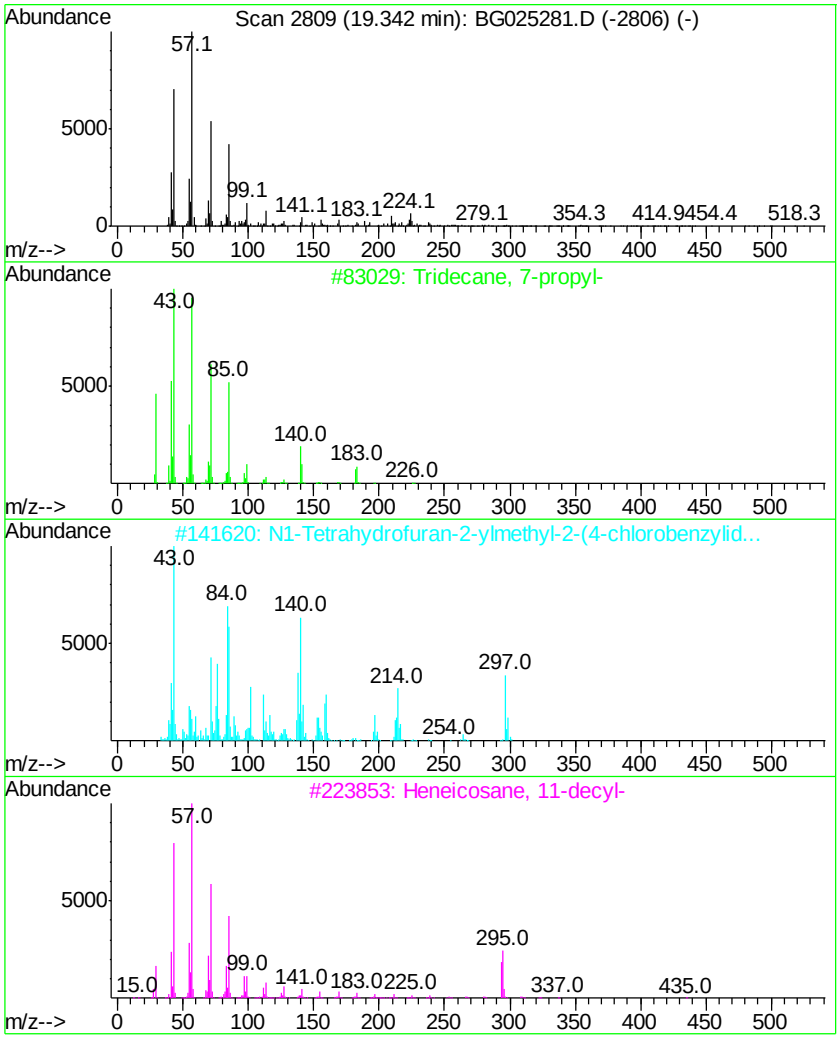
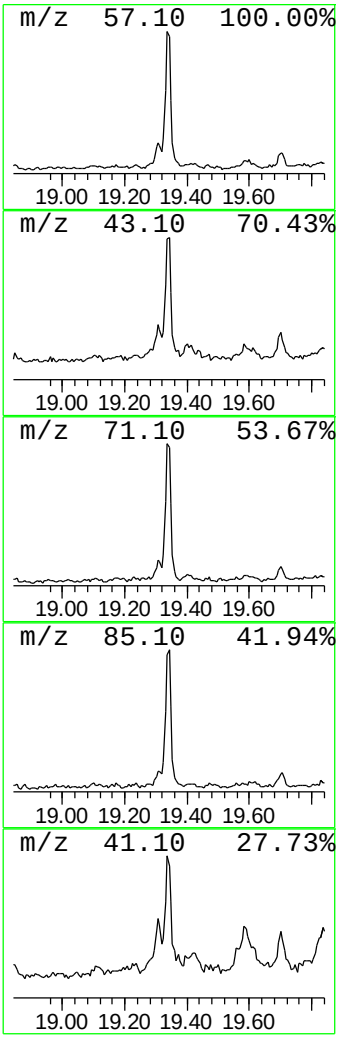
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	14.77 ng/ul	728747	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	91
2	N1-Tetrahydrofuran-2-ylmethyl-2-...	297	C13H16ClN3OS	283155-62-4	89
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	89
4	Octadecane, 2-methyl-	268	C19H40	001560-88-9	87
5	Tetracosane, 11-decyl-	479	C34H70	055429-84-0	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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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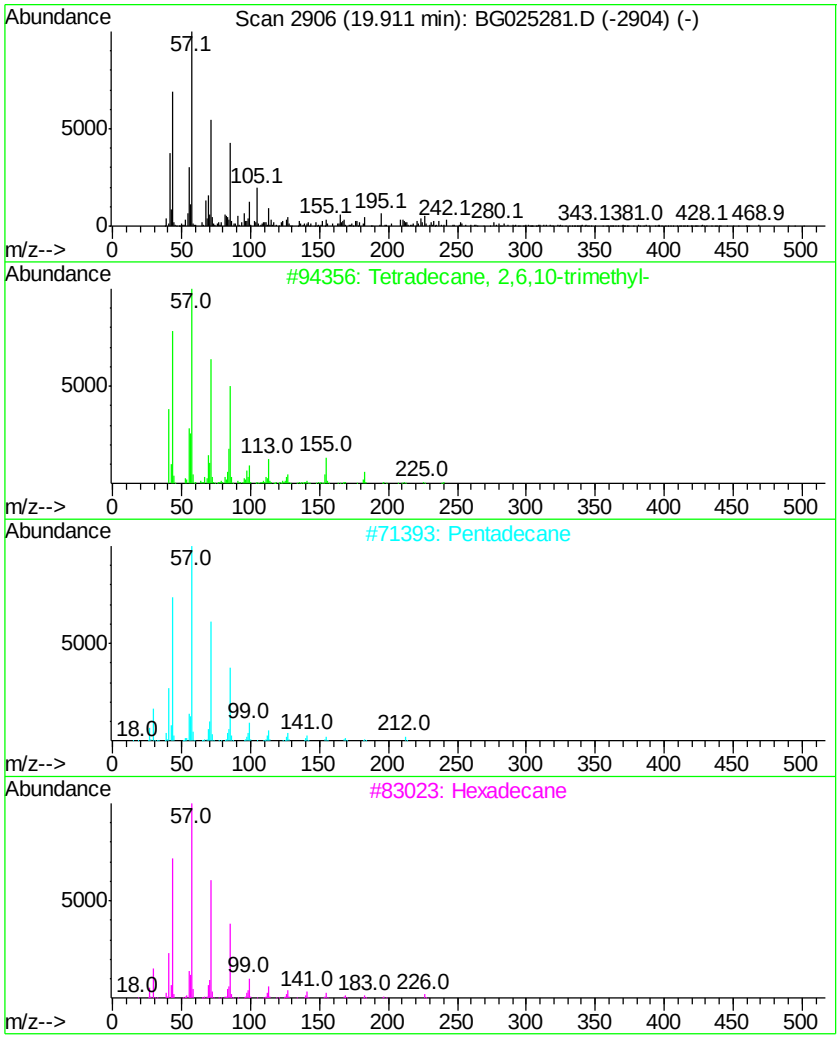
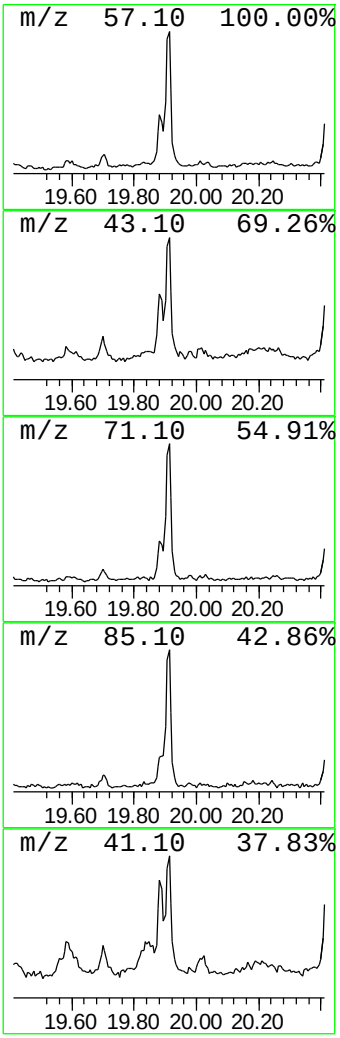
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	16.55 ng/ul	1305460	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	90
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	81
4	Pentadecane	212	C15H32	000629-62-9	74
5	Hexacosane	366	C26H54	000630-01-3	74





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

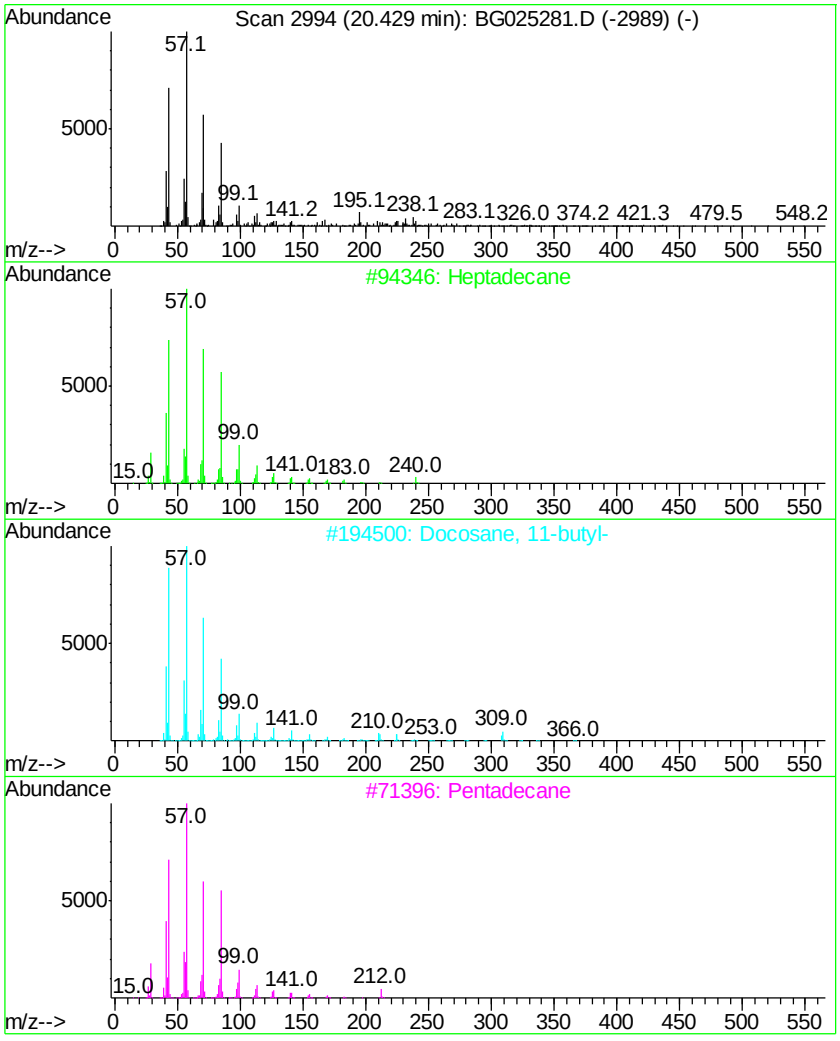
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

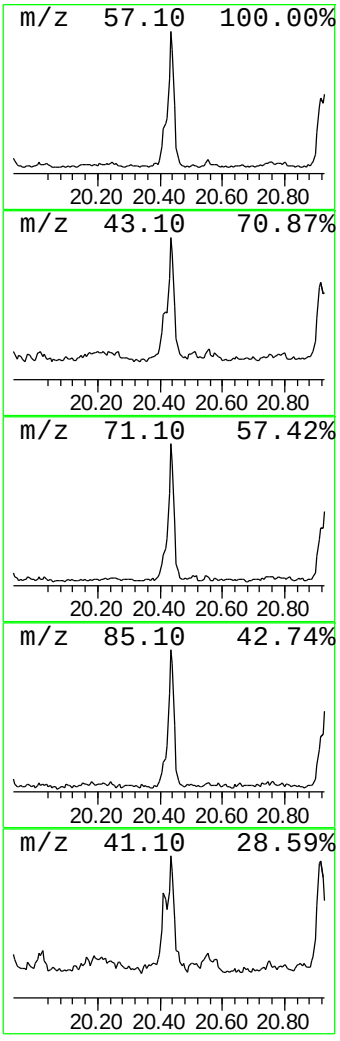
****

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	25.87 ng/ul	2040980	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	93
2	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
3	Pentadecane	212	C15H32	000629-62-9	83
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
5	2-Bromo dodecane	248	C12H25Br	013187-99-0	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

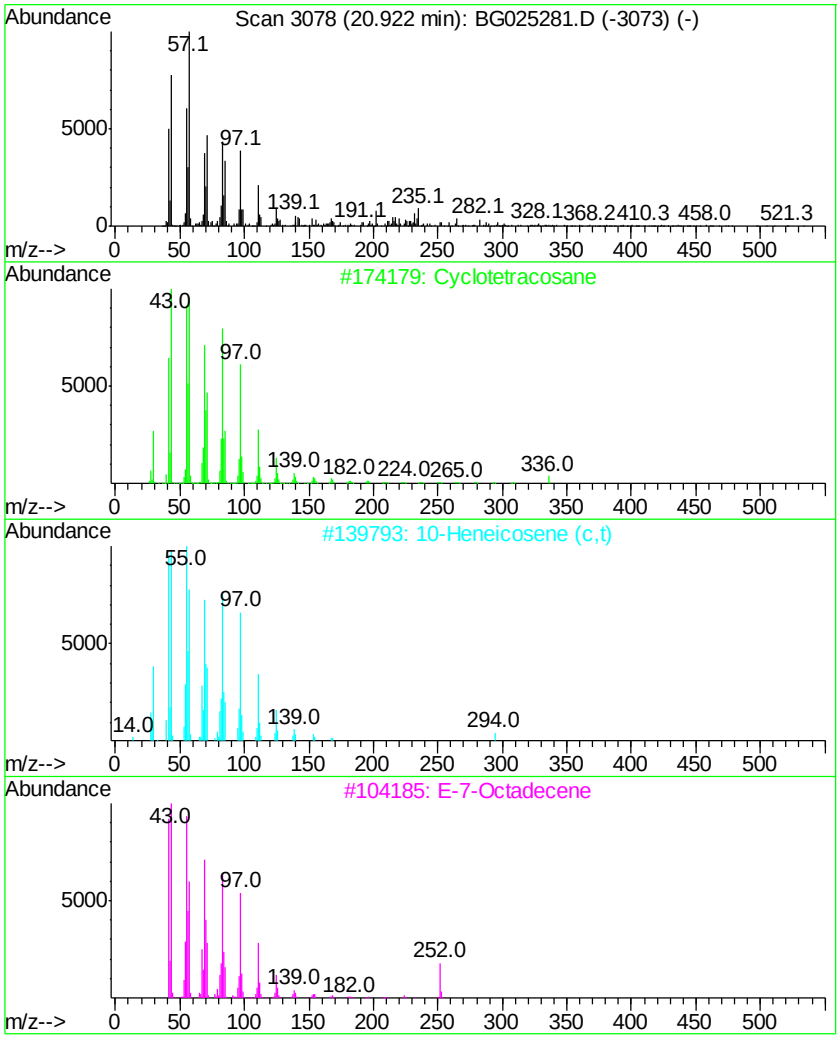
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

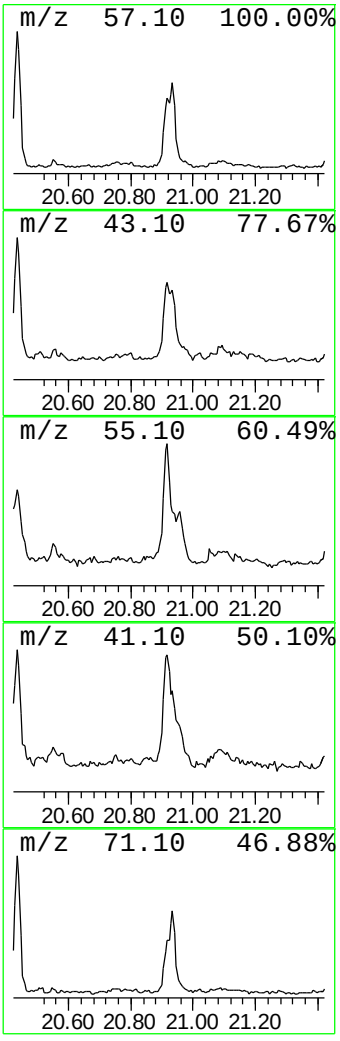
****

Peak Number 68 (DEL) Alkane: Cyclic20.92 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	40.35 ng/ul	3183350	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	99
2	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
3	E-7-Octadecene	252	C18H36	1000130-92-0	91
4	Cyclooctacosane	392	C28H56	000297-24-5	91
5	1-Tricosene	322	C23H46	018835-32-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025281.D
Acq On : 17 Dec 2016 19:29
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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, 1,2,3-tr...	7.86	15.0	ng/ul	422082	1	8.23	563863	20.0
Benzene, 1,2-diet...	8.34	12.3	ng/ul	345510	1	8.23	563863	20.0
Bicyclo[3.1.0]hex...	8.86	17.7	ng/ul	498553	1	8.23	563863	20.0
Benzene, 1-ethyl-...	9.33	11.3	ng/ul	317521	1	8.23	563863	20.0
Benzofuran, 2-met...	9.71	20.4	ng/ul	578276	2	11.06	565957	20.0
Benzene, 1-etheny...	10.29	10.7	ng/ul	303956	2	11.06	565957	20.0
unknown-01	10.46	45.1	ng/ul	1275990	2	11.06	565957	20.0
Benzene, 1-butynyl-	10.56	14.2	ng/ul	400979	2	11.06	565957	20.0
1H-Indene, 1,1-di...	10.89	10.9	ng/ul	308997	2	11.06	565957	20.0
(DEL) Alkane: Str...	10.97	17.0	ng/ul	481302	2	11.06	565957	20.0
1,5-Dihydroxy-1,2...	11.29	58.4	ng/ul	1653270	2	11.06	565957	20.0
Cinnoline, 1,2-di...	11.42	32.0	ng/ul	905090	2	11.06	565957	20.0
1H-Benzimidazole,...	11.46	71.3	ng/ul	2016110	2	11.06	565957	20.0
3-Buten-2-one, 4-...	11.53	19.1	ng/ul	541791	2	11.06	565957	20.0
Bicyclo[4.2.1]non...	11.71	12.5	ng/ul	353038	2	11.06	565957	20.0
Hydrazine, 1-ethy...	11.87	11.1	ng/ul	314868	2	11.06	565957	20.0
Benzene, hexyl-	12.00	13.9	ng/ul	393249	2	11.06	565957	20.0
unknown-02	12.08	23.0	ng/ul	650645	2	11.06	565957	20.0
1H-Indene, 4,7-di...	12.26	26.3	ng/ul	744860	2	11.06	565957	20.0
(DEL) Alkane: Str...	12.41	26.7	ng/ul	755131	2	11.06	565957	20.0
1H-Indene, 2,3-di...	12.60	30.2	ng/ul	854755	2	11.06	565957	20.0
2-Methyl-6-propyl...	12.83	22.0	ng/ul	621414	2	11.06	565957	20.0
Naphthalene, 1-me...	12.92	46.1	ng/ul	1306030	2	11.06	565957	20.0
2,5,6-Trimethylbe...	13.00	22.1	ng/ul	999557	3	14.86	904369	20.0
Phenol, 3-methyl-...	13.05	8.4	ng/ul	378189	3	14.86	904369	20.0
unknown-03	13.21	11.6	ng/ul	522640	3	14.86	904369	20.0
unknown-04	13.27	24.3	ng/ul	1096770	3	14.86	904369	20.0
Benzene, heptyl-	13.34	9.1	ng/ul	409125	3	14.86	904369	20.0
unknown-05	13.45	9.2	ng/ul	417696	3	14.86	904369	20.0
Benzene, 1-methox...	13.53	13.8	ng/ul	625876	3	14.86	904369	20.0
(DEL) Alkane: Str...	13.63	23.4	ng/ul	1058420	3	14.86	904369	20.0
(DEL) Alkane: Str...	14.69	21.9	ng/ul	992588	3	14.86	904369	20.0
(DEL) Alkane: Str...	16.50	30.9	ng/ul	1523740	4	17.61	986870	20.0
(DEL) Alkane: Cyc...	16.72	31.3	ng/ul	1542160	4	17.61	986870	20.0
(DEL) Alkane: Str...	17.29	12.7	ng/ul	627646	4	17.61	986870	20.0
(DEL) Alkane: Str...	18.71	20.2	ng/ul	994863	4	17.61	986870	20.0
(DEL) Alkane: Str...	19.34	14.8	ng/ul	728747	4	17.61	986870	20.0
(DEL) Alkane: Str...	19.91	16.6	ng/ul	1305460	5	21.90	1578040	20.0
(DEL) Alkane: Str...	20.43	25.9	ng/ul	2040980	5	21.90	1578040	20.0
(DEL) Alkane: Cyc...	20.92	40.4	ng/ul	3183350	5	21.90	1578040	20.0