LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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	7.391	771	775	794	rVB5	219667	607700	8.43%	0.672%
2	7.550	794	802	807	rBV2	165832	355866	4.94%	0.393%
3	7.761	832	838	843	rBV2	218493	413822	5.74%	0.457%
4	7.861	850	855	863	rVB	243586	409485	5.68%	0.453%
5	8.231	912	918	926	rVB2	291409	537704	7.46%	0.594%
6	8.343	929	937	943	rBV4	152518	330155	4.58%	0.365%
7	8.860	1016	1025	1031	rBV2	225986	463690	6.43%	0.512%
8	8.942	1031	1039	1046	rVB2	272225	542798	7.53%	0.600%
9	9.324	1093	1104	1113	rBV3	132852	282702	3.92%	0.312%
10	9.418	1113	1120	1129	rVB2	499925	908968	12.61%	1.005%
11	9.712	1164	1170	1176	rVV2	223711	528522	7.33%	0.584%
12	9.782	1176	1182	1190	rVB	562035	1044420	14.49%	1.154%
13	10.141	1235	1243	1252	rVB4	234030	529516	7.34%	0.585%
14	10.288	1263	1268	1276	rVB	152673	291295	4.04%	0.322%
15	10.464	1287	1298	1307	rBV3	339526	1161548	16.11%	1.284%
16	10.564	1307	1315	1319	rBV3	146981	309193	4.29%	0.342%
17	10.687	1329	1336	1341	rBV2	401235	769620	10.67%	0.851%
18	10.887	1361	1370	1378	rBV10	98457	288885	4.01%	0.319%
19	10.975	1378	1385	1389	rBV2	236433	440230	6.11%	0.487%
20	11.057	1394	1399	1404	rBV	304648	526640	7.30%	0.582%
21	11.110	1404	1408	1413	rVB	316214	535784	7.43%	0.592%
22	11.292	1434	1439	1453	rVB2	452992	1521162	21.10%	1.681%
23	11.416	1453	1460	1463	rBV	462240	858801	11.91%	0.949%
24	11.463	1463	1468	1474	rVV	972583	1911519	26.51%	2.113%
25	11.527	1474	1479	1485	rVV2	300699	510746	7.08%	0.564%
26	11.710	1504	1510	1521	rVB6	124287	323325	4.48%	0.357%
27	11.874	1532	1538	1543	rBV3	164277	284774	3.95%	0.315%
28	12.003	1555	1560	1564	rVB4	192273	355629	4.93%	0.393%
29	12.086	1565	1574	1578	rBV5	180965	574951	7.97%	0.635%
30	12.256	1595	1603	1609	rVB2	285346	726601	10.08%	0.803%
31	12.409	1625	1629	1641	rVB5	346190	743604	10.31%	0.822%
32	12.579	1651	1658	1659	rBV4	242437	388055	5.38%	0.429%
33	12.697	1672	1678	1682	rBV2	878777	1517028	21.04%	1.677%
34	12.738	1682	1685	1688	rVB	386297	516973	7.17%	0.571%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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	1703	rBV3	296642	552024	7.66%	0.610%
36	12.920	1710	1716	1723	rVB	736136	1231986	17.09%	1.362%
37	13.002	1723	1730	1734	rBV3	487619	951016	13.19%	1.051%
38	13.049	1734	1738	1741	rVV2	243070	347768	4.82%	0.384%
39	13.090	1742	1745	1758	rVB10	343333	943258	13.08%	1.042%
40	13.208	1759	1765	1769	rBV4	306097	497503	6.90%	0.550%
41	13.267	1769	1775	1783	rBV6	442130	1052102	14.59%	1.163%
42	13.343	1783	1788	1792	rBV2	257669	418450	5.80%	0.462%
43	13.449	1801	1806	1810	rBV4	151647	263978	3.66%	0.292%
44	13.531	1815	1820	1824	rBV	239559	572784	7.94%	0.633%
45	13.578	1825	1828	1832	rVV2	352438	565541	7.84%	0.625%
46	13.631	1832	1837	1843	rVV4	518895	1007111	13.97%	1.113%
47	13.690	1843	1847	1850	rVB	186833	267245	3.71%	0.295%
48	13.731	1851	1854	1859	rVB3	171480	289774	4.02%	0.320%
49	13.801	1860	1866	1868	rBV6	196655	402304	5.58%	0.445%
50	13.889	1876	1881	1888	rBV4	345258	843147	11.69%	0.932%
51	14.036	1896	1906	1912	rBV7	638803	2187739	30.34%	2.418%
52	14.177	1924	1930	1934	rVV2	823696	1622223	22.50%	1.793%
53	14.230	1934	1939	1947	rVB3	926617	2247133	31.17%	2.484%
54	14.342	1954	1958	1963	rBV8	263780	541465	7.51%	0.598%
55	14.412	1966	1970	1973	rBV3	226365	321652	4.46%	0.355%
56	14.489	1980	1983	1987	rVB3	357100	476758	6.61%	0.527%
57	14.559	1987	1995	2002	rBV4	698724	1852755	25.70%	2.048%
58	14.700	2011	2019	2026	rBV4	337176	813498	11.28%	0.899%
59	14.812	2034	2038	2042	rBV2	518987	779360	10.81%	0.861%
60	14.859	2042	2046	2049	rBV	468611	733045	10.17%	0.810%
61	15.041	2074	2077	2080	rBV4	241364	343192	4.76%	0.379%
62	15.147	2091	2095	2099	rBV4	341839	525932	7.29%	0.581%
63	15.229	2105	2109	2118	rBV4	505646	1147325	15.91%	1.268%
64	15.317	2120	2124	2128	rBV3	292889	414447	5.75%	0.458%
65	15.458	2142	2148	2153	rBV5	399049	969524	13.45%	1.072%
66	15.511	2153	2157	2166	rVB4	629000	1251011	17.35%	1.383%
67	15.611	2166	2174	2182	rBV2	967710	2407709	33.39%	2.661%
68	15.740	2192	2196	2200	rBV4	295352	474237	6.58%	0.524%
69	15.846	2210	2214	2217	rBV	660085	968167	13.43%	1.070%
70	15.887	2217	2221	2228	rVB3	799931	1657776	22.99%	1.832%
71	15.987	2233	2238	2242	rBV3	256684	418325	5.80%	0.462%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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	16.046	2246	2248	2253	rVB6	256606	326630	4.53%	0.361%
73	16.292	2285	2290	2292	rBV4	304433	556354	7.72%	0.615%
74	16.445	2310	2316	2321	rBV6	454777	1001259	13.89%	1.107%
75	16.504	2322	2326	2330	rVV4	634909	1030872	14.30%	1.139%
76	16.545	2330	2333	2341	rVB4	521449	944090	13.09%	1.043%
77	16.616	2342	2345	2348	rVB2	261452	309123	4.29%	0.342%
78	16.727	2360	2364	2368	rVB2	763839	1113083	15.44%	1.230%
79	16.898	2386	2393	2397	rBV7	488523	1220447	16.93%	1.349%
80	16.950	2398	2402	2408	rVB3	563182	1014932	14.08%	1.122%
81	17.009	2408	2412	2416	rBV4	317360	439420	6.09%	0.486%
82	17.438	2481	2485	2491	rVB	594107	950276	13.18%	1.050%
83	17.503	2492	2496	2497	rBV4	222682	305481	4.24%	0.338%
84	17.603	2510	2513	2517	rVB3	611218	818051	11.35%	0.904%
85	17.650	2518	2521	2525	rVV2	373970	524156	7.27%	0.579%
86	17.703	2525	2530	2538	rVB2	647168	1224079	16.98%	1.353%
87	18.032	2583	2586	2591	rVB2	516705	657088	9.11%	0.726%
88	18.443	2652	2656	2664	rBV8	688878	1135898	15.75%	1.255%
89	18.601	2680	2683	2686	rBV2	282274	343305	4.76%	0.379%
90	18.713	2700	2702	2706	rVB	573531	563931	7.82%	0.623%
91	19.336	2806	2808	2811	rVB	472430	476896	6.61%	0.527%
92	19.818	2886	2890	2898	rBV5	513512	1497062	20.76%	1.655%
93	19.882	2898	2901	2903	rBV3	577785	673013	9.33%	0.744%
94	19.976	2913	2917	2929	rVB2	1404816	3049411	42.30%	3.370%
95	20.435	2989	2995	3000	rBV2	958576	1542944	21.40%	1.705%
96	20.916	3073	3077	3089	rVB2	917388	2627904	36.45%	2.904%
97	21.898	3241	3244	3250	rVB2	907839	1390670	19.29%	1.537%
98	25.094	3783	3788	3798	rVB3	655125	1795125	24.90%	1.984%
99	25.329	3823	3828	3842	rVB	629915	1868570	25.92%	2.065%
100	27.186	4135	4144	4162	rVB4	1820860	7209804	100.00%	7.968%

Sum of corrected areas: 90480849

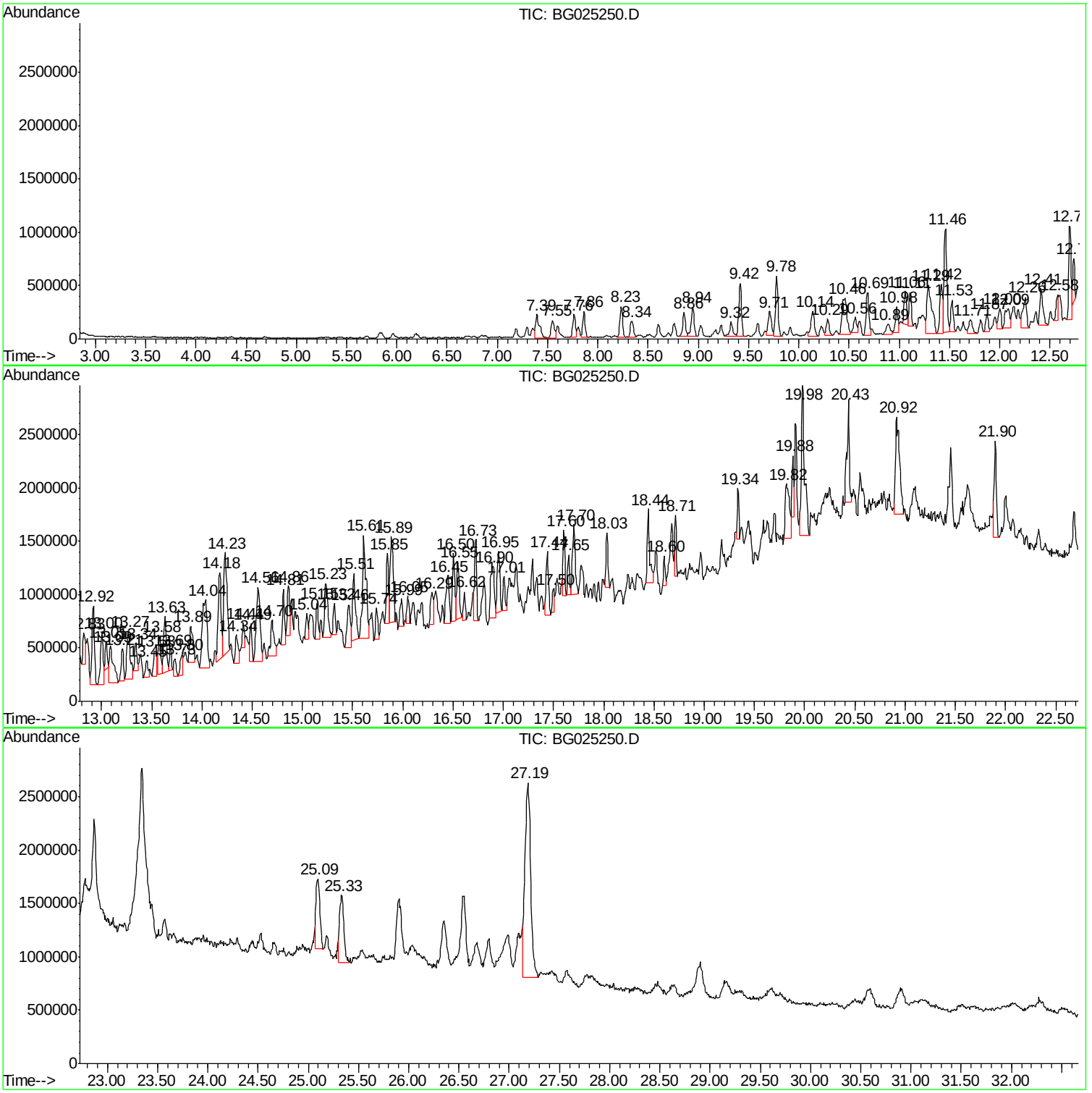
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

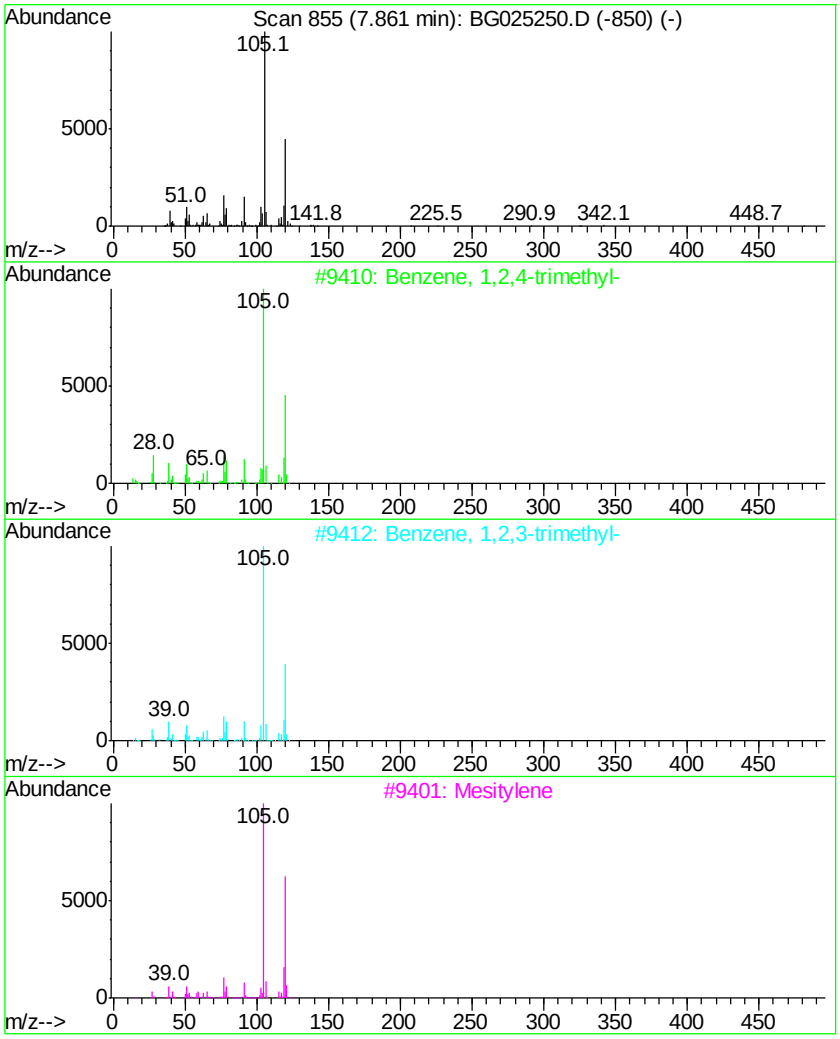
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

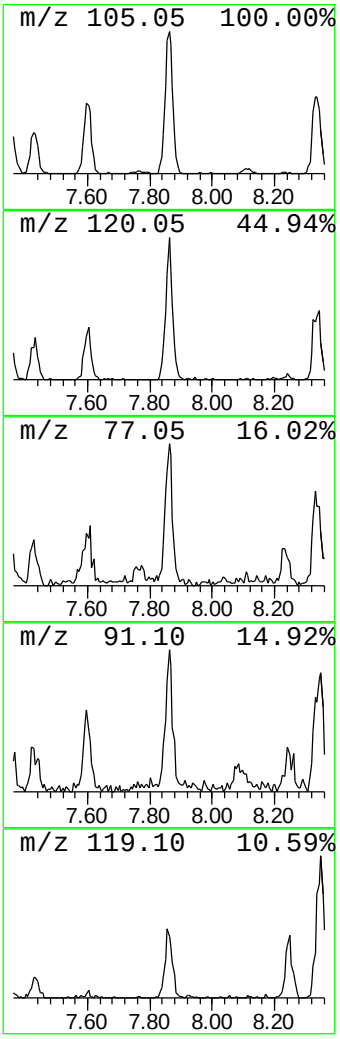
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	15.23 ng/ul	409485	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Mesitylene	120	C9H12	000108-67-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

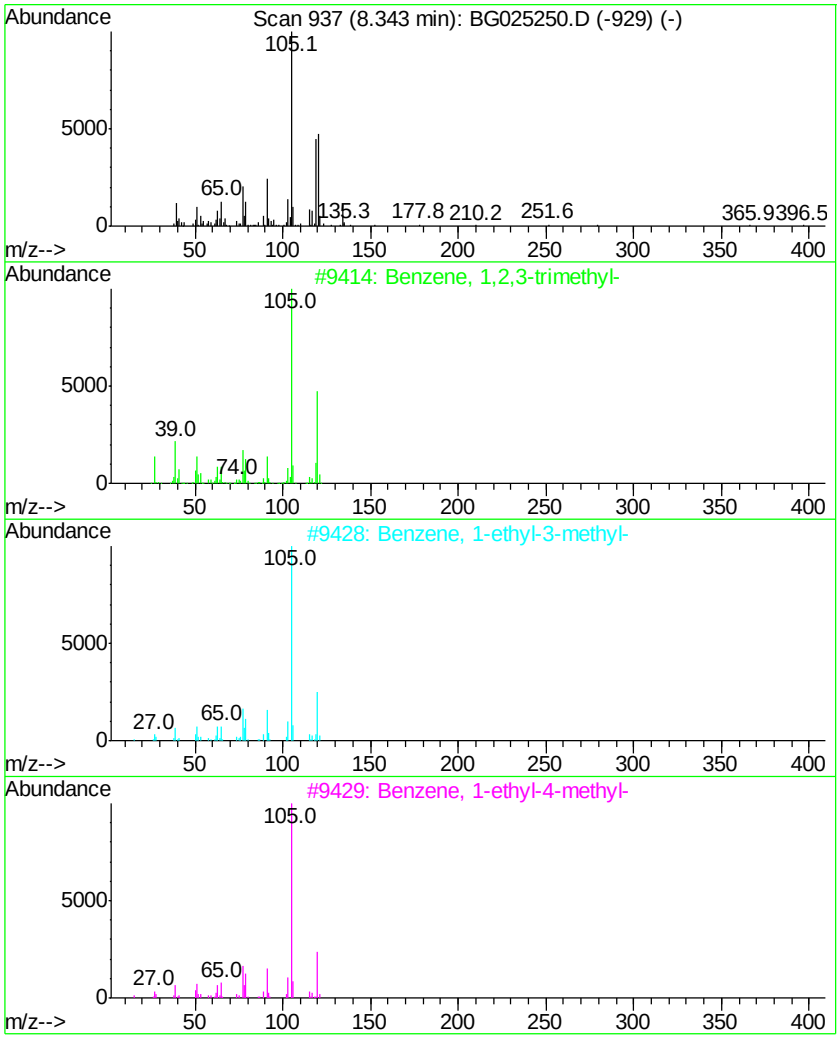
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

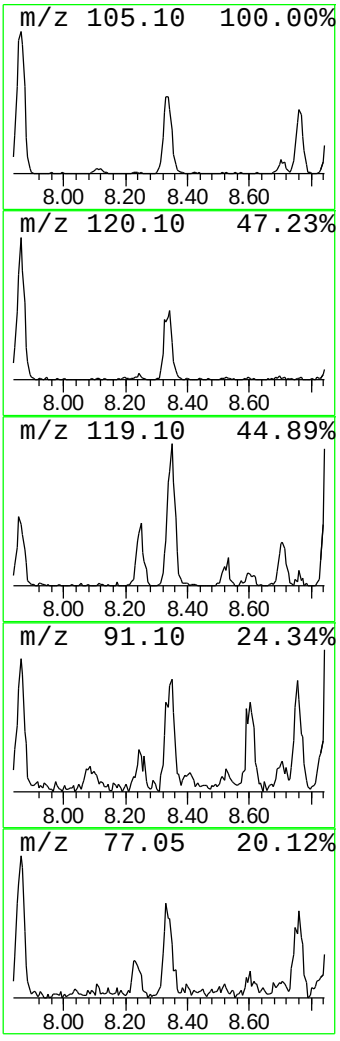
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	12.28 ng/ul	330155	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	76
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	70
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	64
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	64
5	Mesitylene	120	C9H12	000108-67-8	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

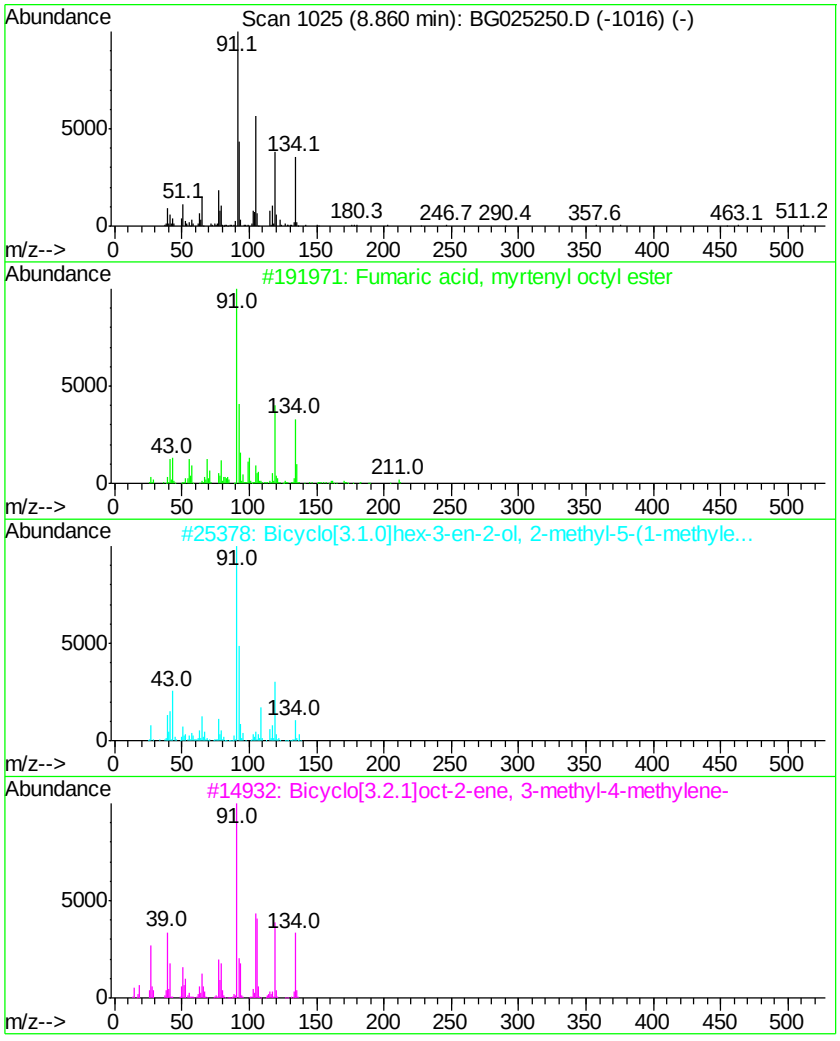
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

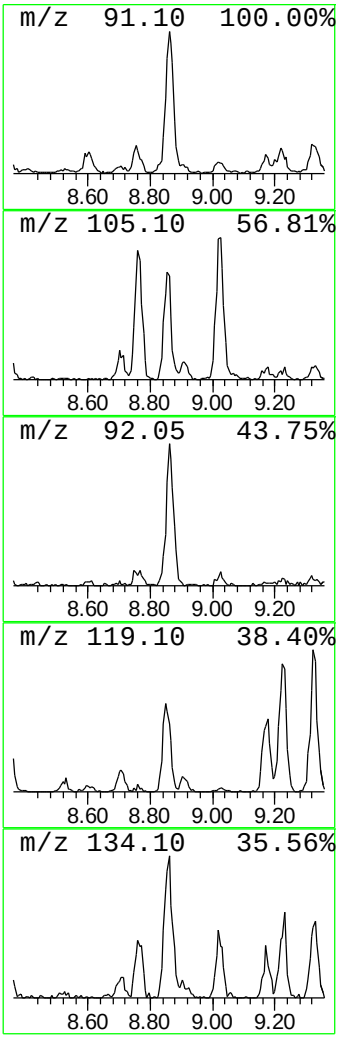
****

Peak Number 3 Fumaric acid, myrtenyl octy... Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	17.25 ng/ul	463690	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, myrtenyl octyl ester	362	C22H34O4	1000348-81-7	72
2	Bicyclo[3.1.0]hex-3-en-2-ol, 2-m...	152	C10H16O	097631-68-0	59
3	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	52
4	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	47
5	Benzene, butyl-	134	C10H14	000104-51-8	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

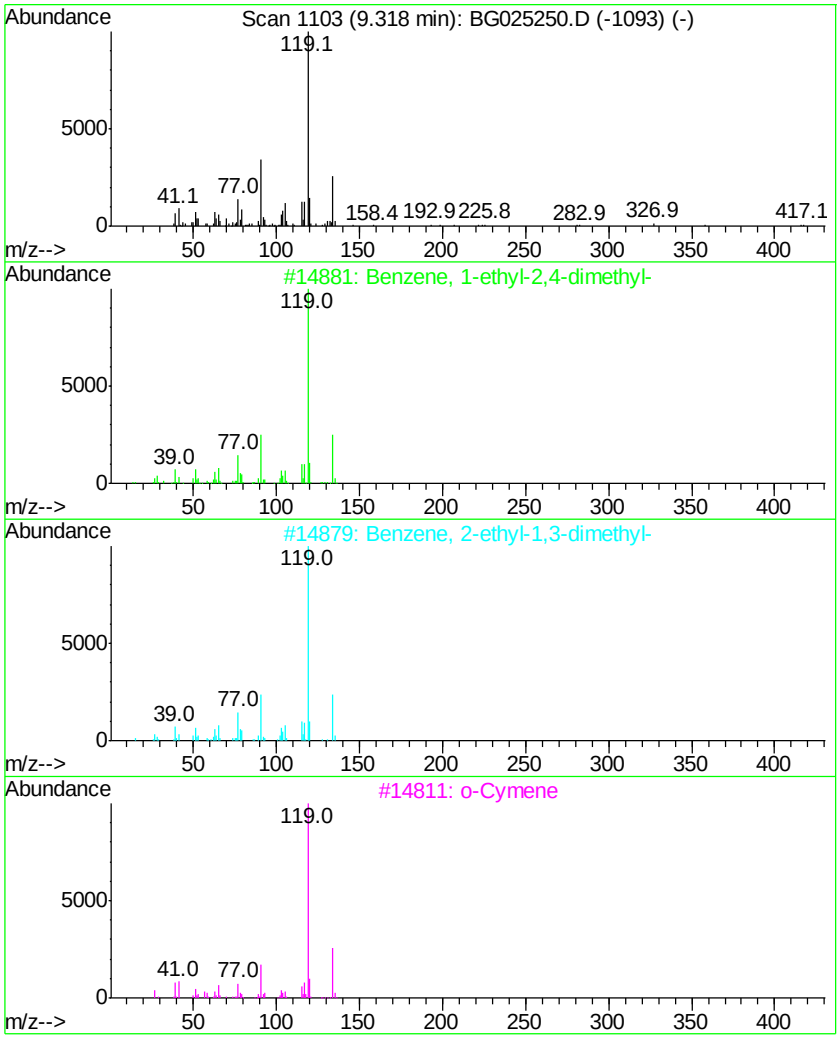
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

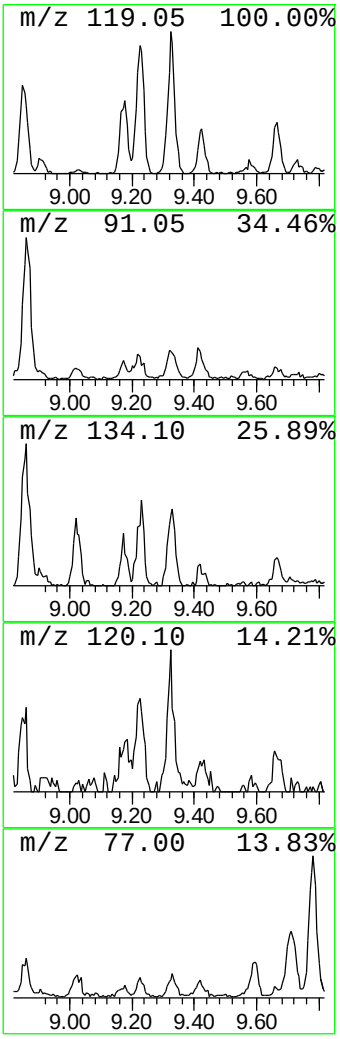
****

Peak Number 4 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	10.52 ng/ul	282702	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	94
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	93
3	o-Cymene	134	C10H14	000527-84-4	93
4	o-Cymene	134	C10H14	000527-84-4	90
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

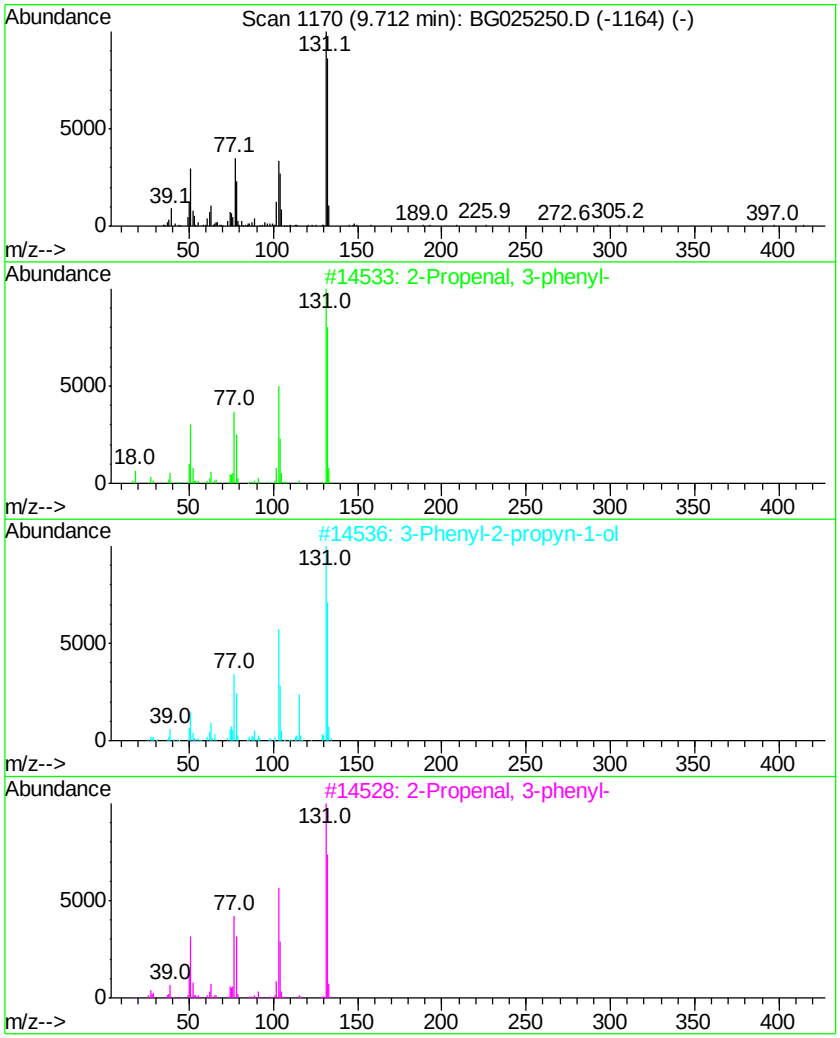
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

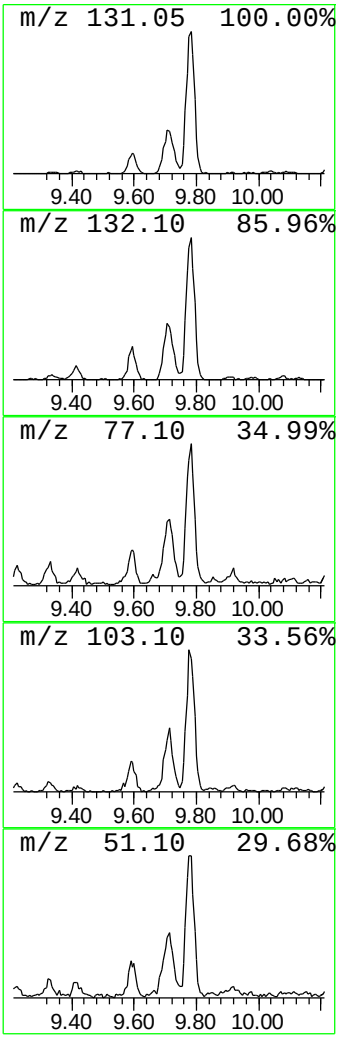
****

Peak Number 5 2-Propenal, 3-phenyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	20.07 ng/ul	528522	Naphthalene-d8	11.06

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





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Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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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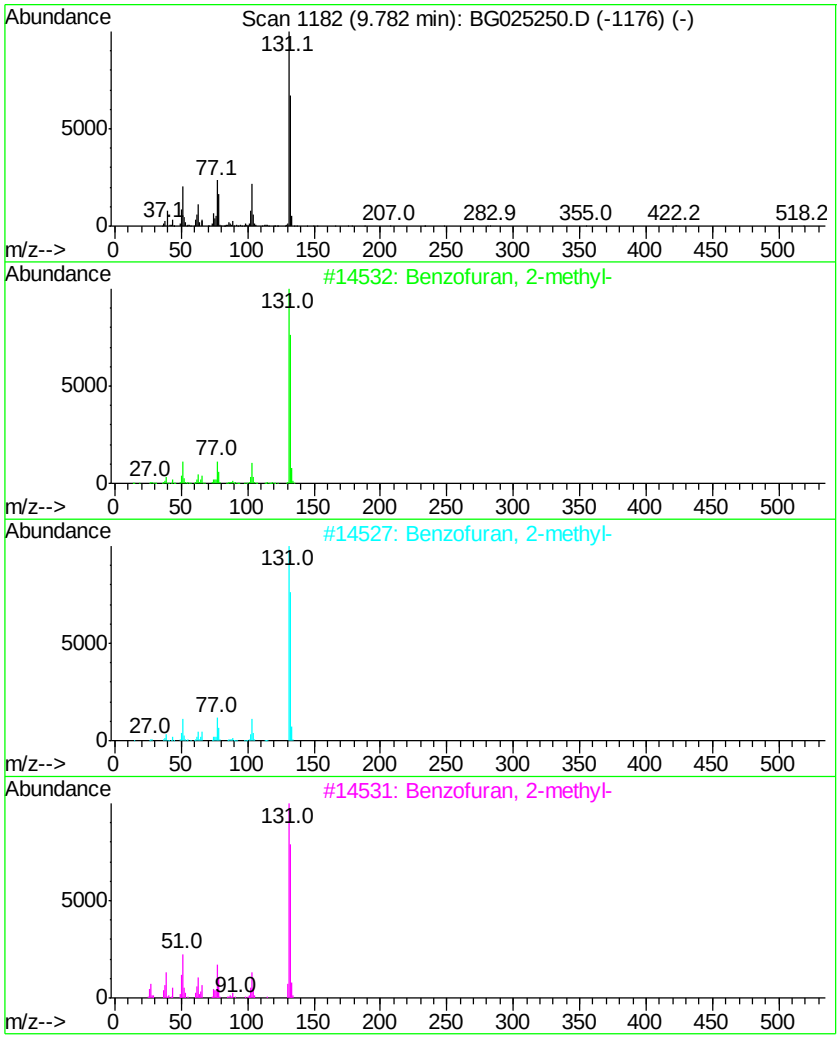
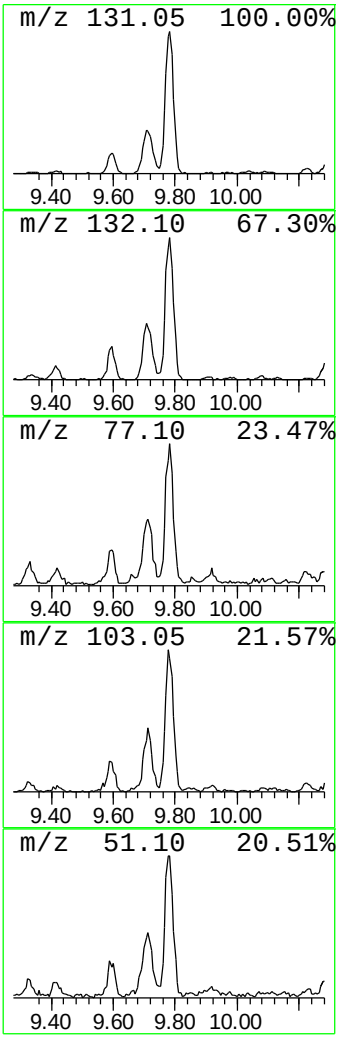
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	39.66 ng/ul	1044420	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	91
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	86
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	83





Library Search Compound Report

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Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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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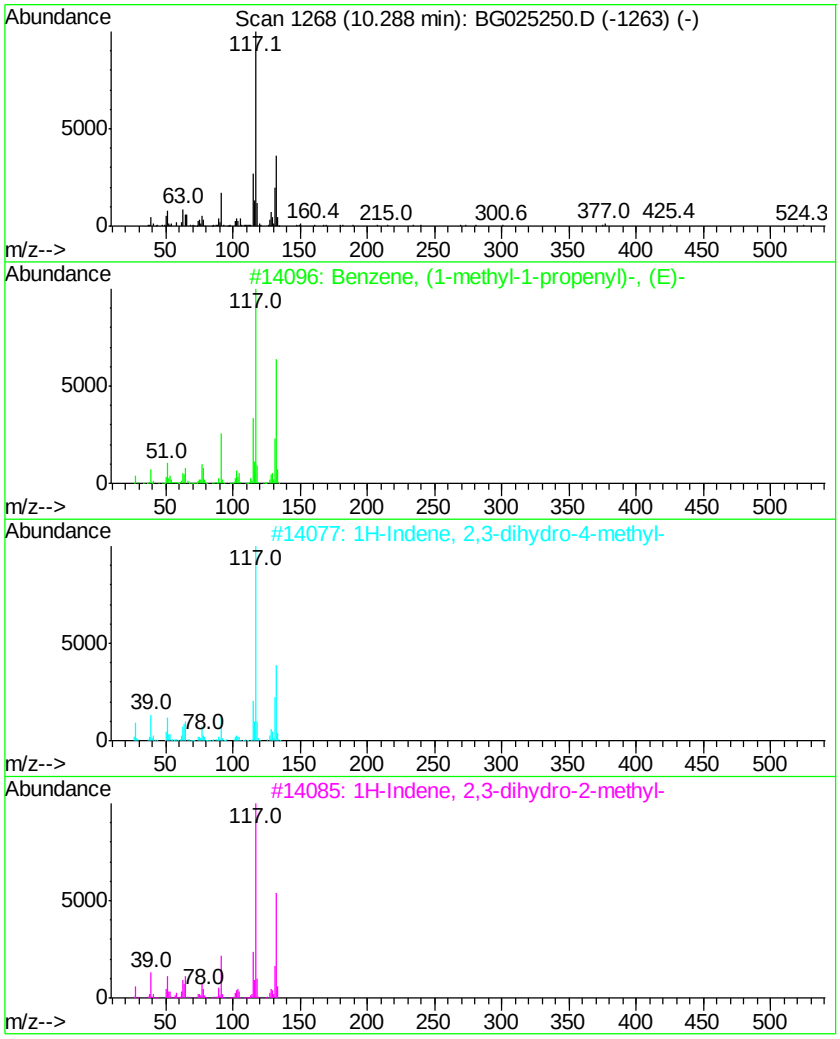
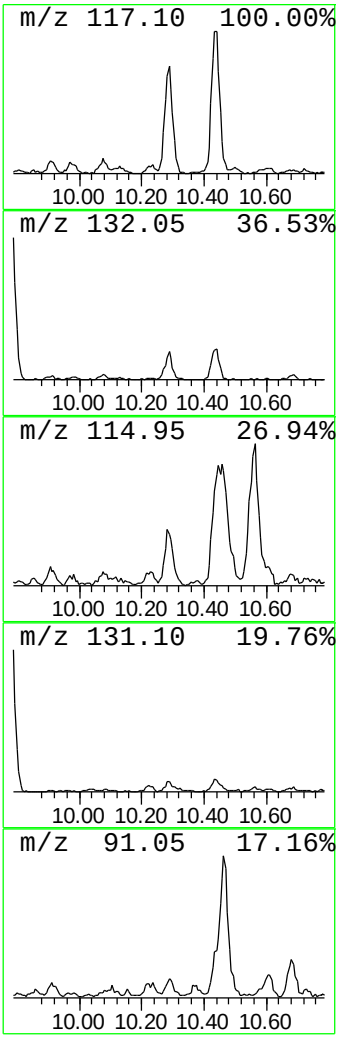
Peak Number 7 Benzene, (1-methyl-1-propen... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	11.06 ng/ul	291295	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	1H-Indene, 2,3-dihydro-2-methyl-	132	C10H12	000824-63-5	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	87





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Sample : H6040-05
Misc :
ALS Vial : 5 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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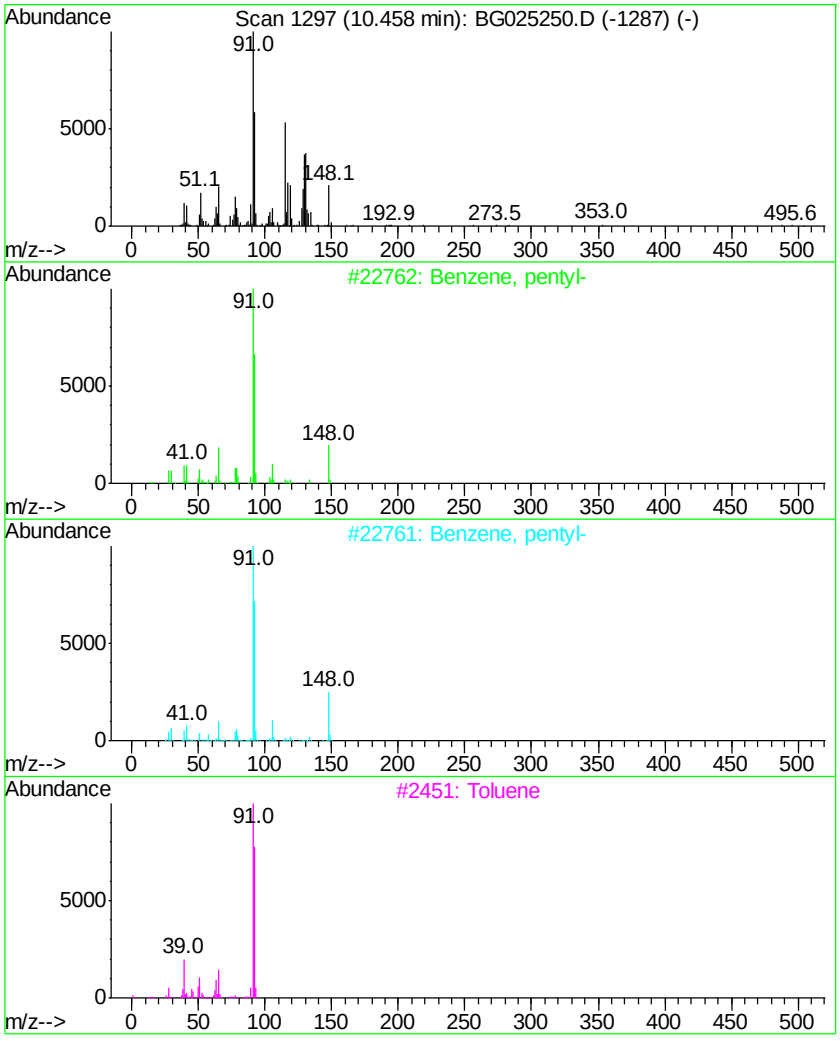
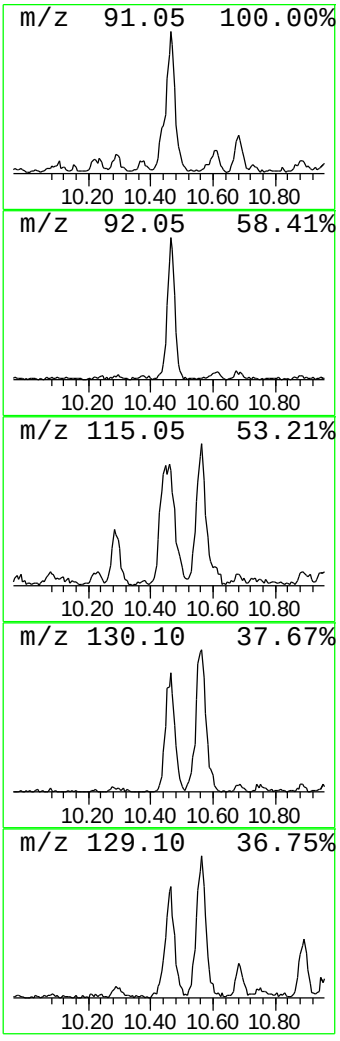
Peak Number 8 Benzene, pentyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	44.11 ng/ul	1161550	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, pentyl-	148	C11H16	000538-68-1	38
2	Benzene, pentyl-	148	C11H16	000538-68-1	38
3	Toluene	92	C7H8	000108-88-3	35
4	Benzene, pentyl-	148	C11H16	000538-68-1	30
5	3-Butynylbenzene	130	C10H10	016520-62-0	30





Library Search Compound Report

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Sample : H6040-05
Misc :
ALS Vial : 5 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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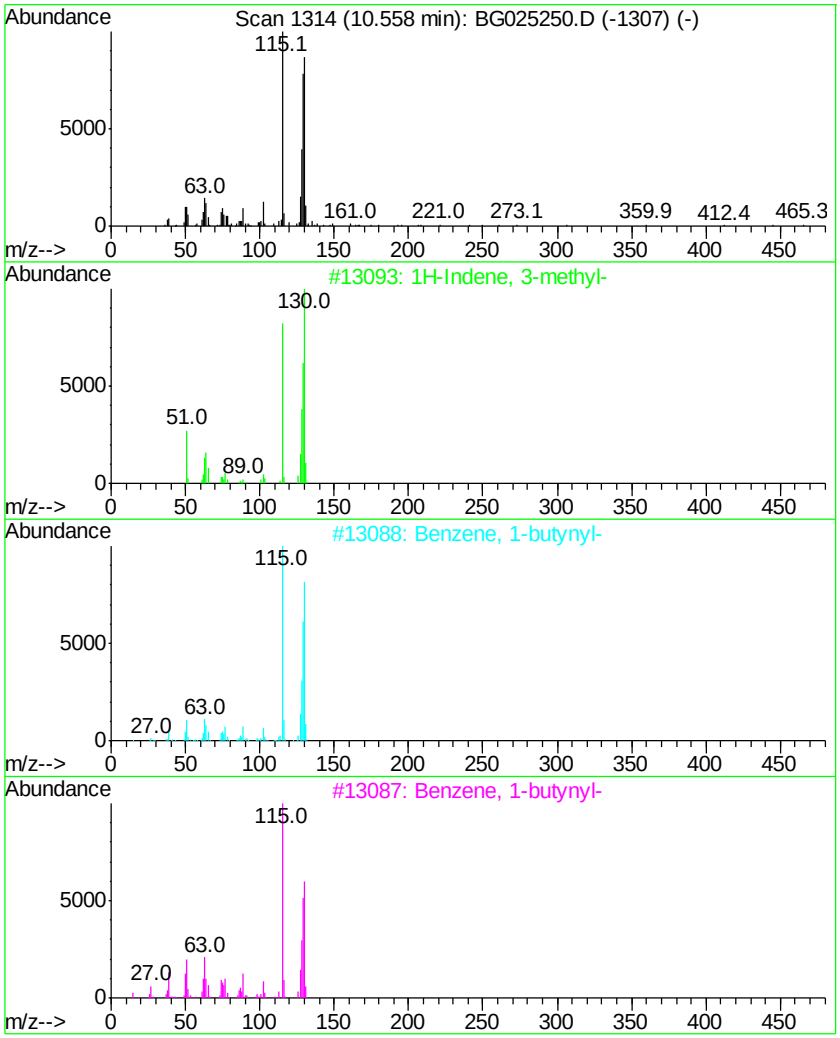
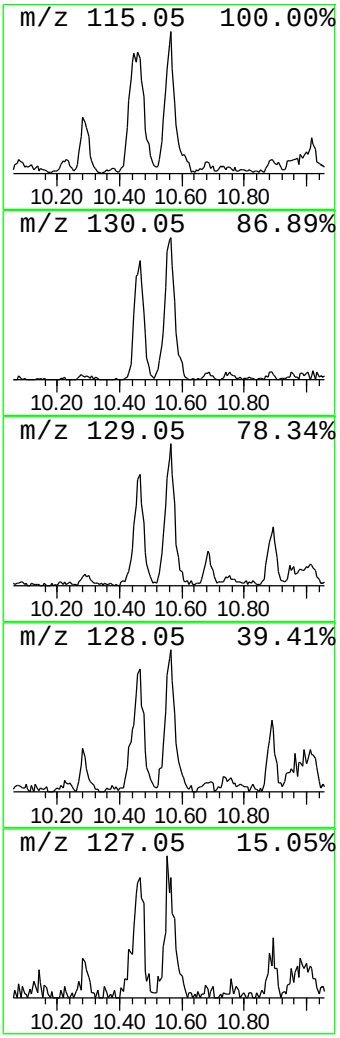
Peak Number 9 1H-Indene, 3-methyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	11.74 ng/ul	309193	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	94
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	89
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	83
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	80
5	2a,4a,6a,6b-Tetrahydrocyclopenta...	130	C10H10	006053-74-3	76





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Acq On : 16 Dec 2016 22:35
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Sample : H6040-05
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ALS Vial : 5 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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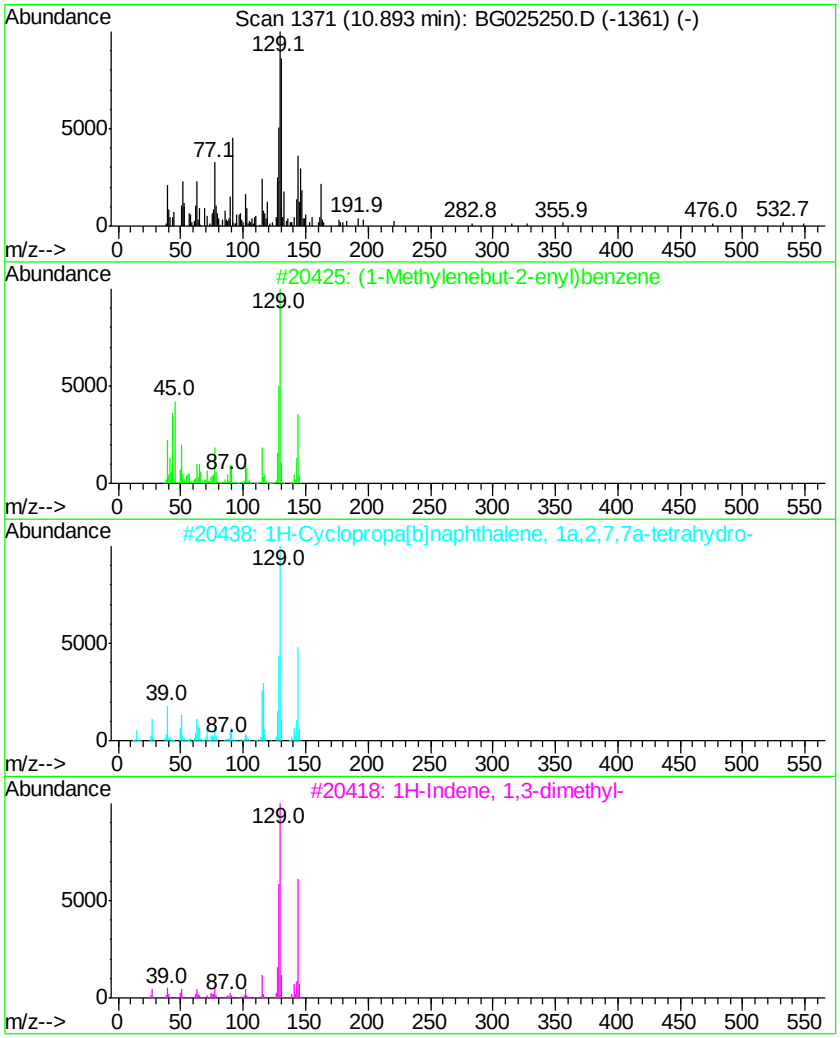
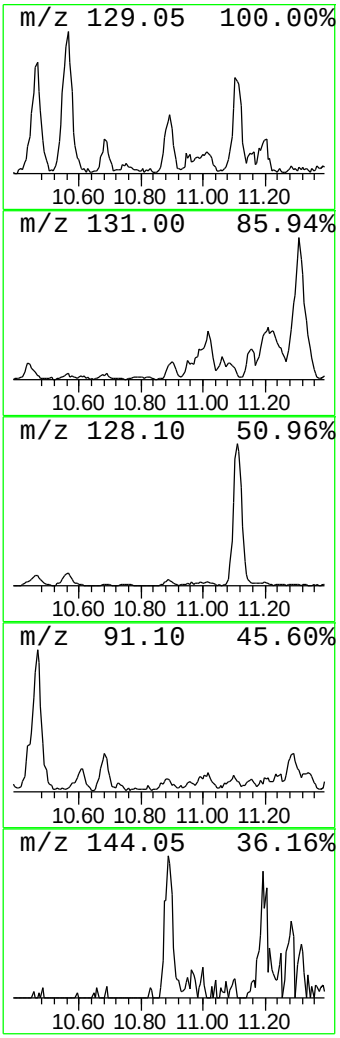
Peak Number 10 unknown-01 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	10.97 ng/ul	288885	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	46
2	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	38
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	38
4	1-Naphthalenol, 1,2,3,4-tetrahyd...	162	C11H14O	003344-45-4	38
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	38





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Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

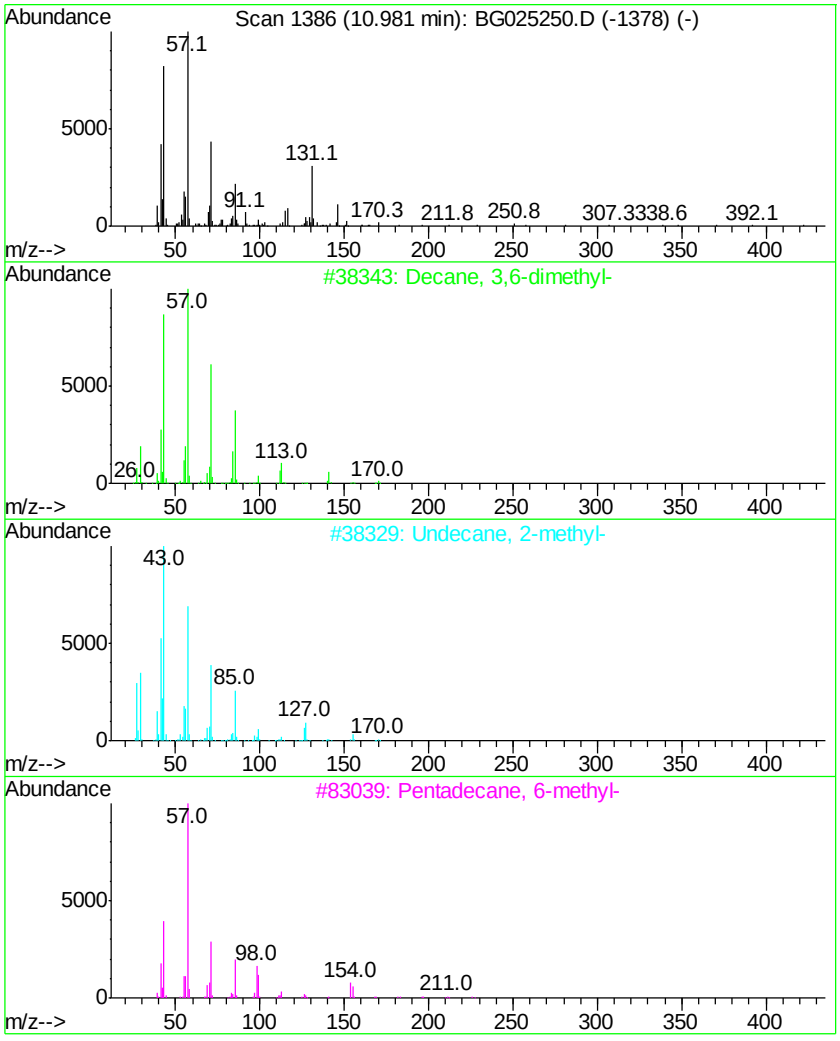
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

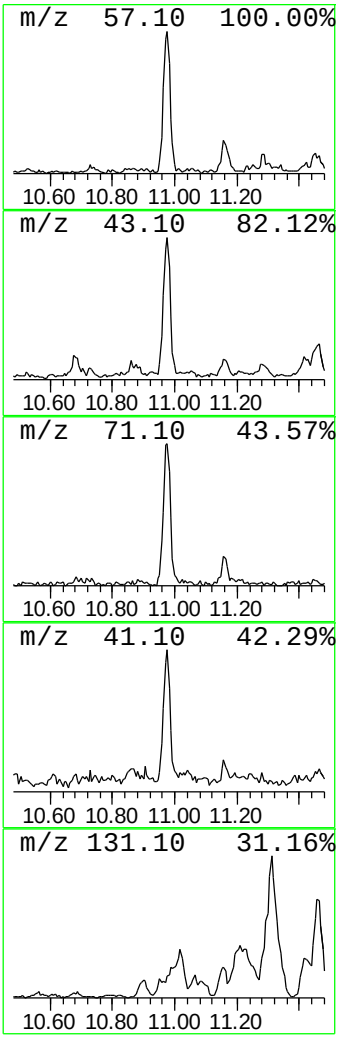
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	16.72 ng/ul	440230	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	52
2	Undecane, 2-methyl-	170	C12H26	007045-71-8	50
3	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	50
4	Eicosane	282	C20H42	000112-95-8	50
5	Tridecane	184	C13H28	000629-50-5	50





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Sample : H6040-05
Misc :
ALS Vial : 5 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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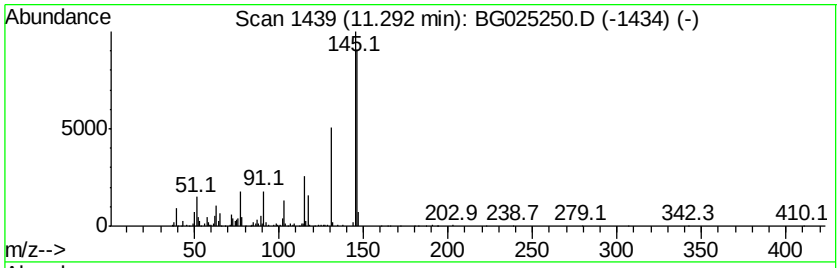
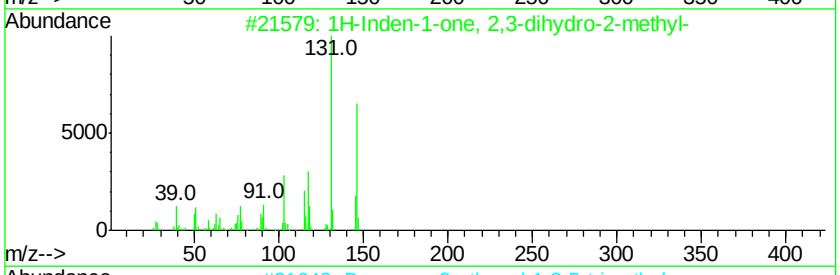
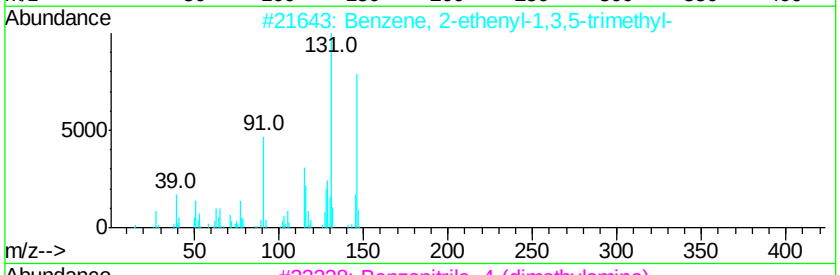
Peak Number 12 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 5

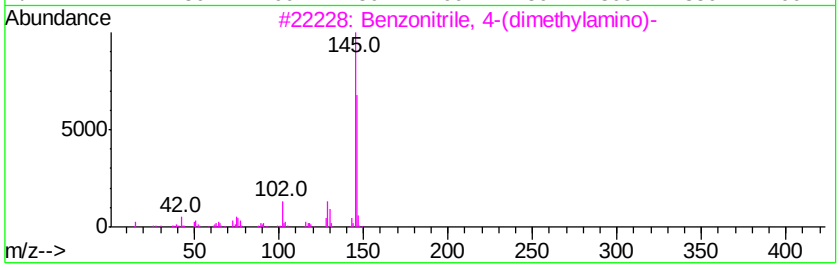
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	57.77 ng/ul	1521160	Naphthalene-d8	11.06

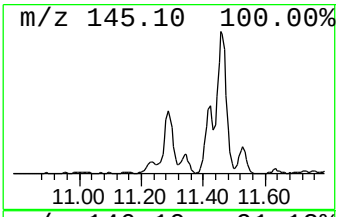
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	52
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	50
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	50

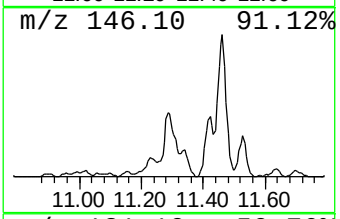


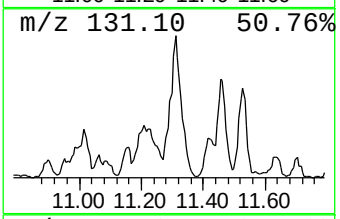


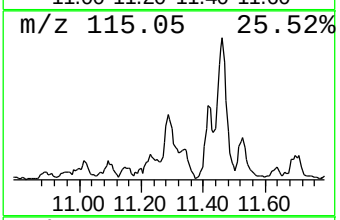


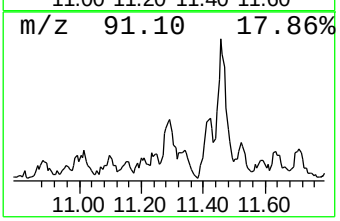












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Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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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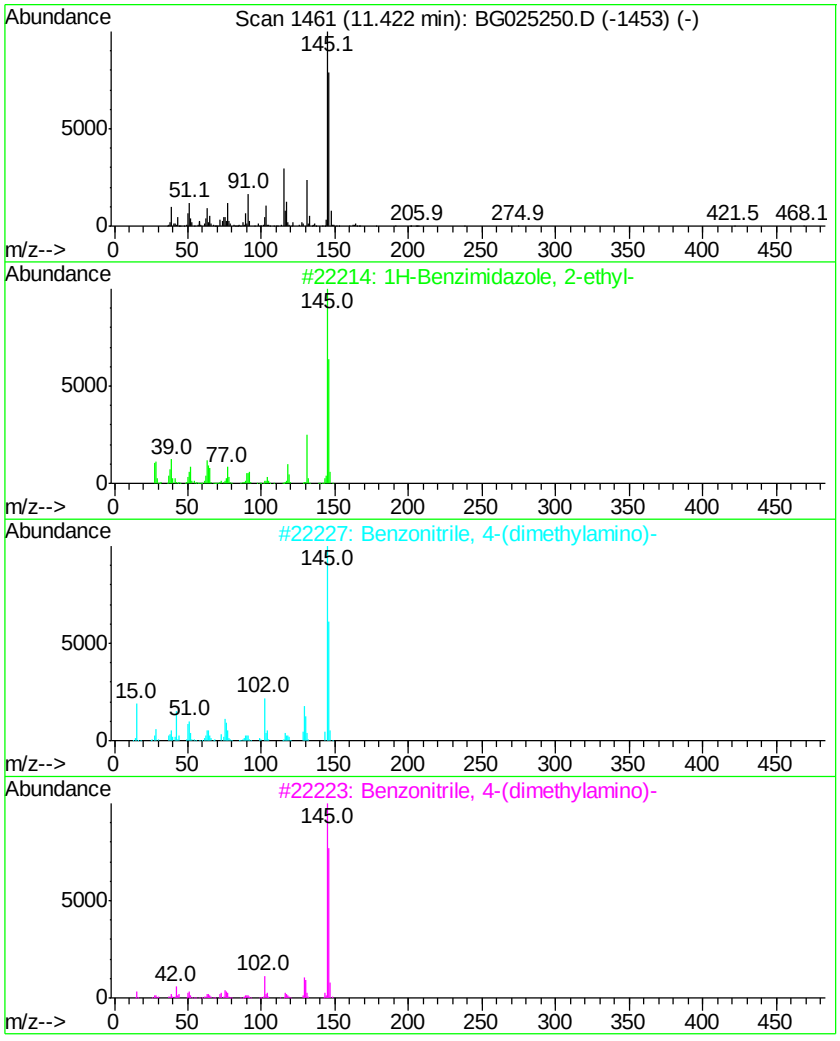
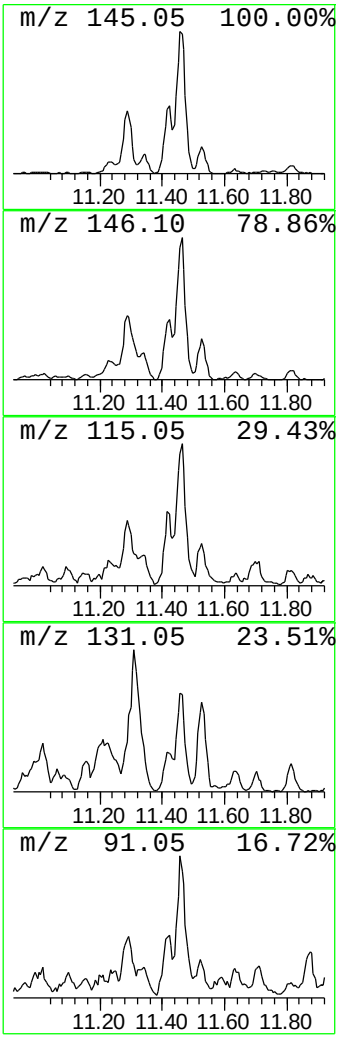
Peak Number 13 1H-Benzimidazole, 2-ethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	32.61 ng/ul	858801	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	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	58
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	50
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	43





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ALS Vial : 5 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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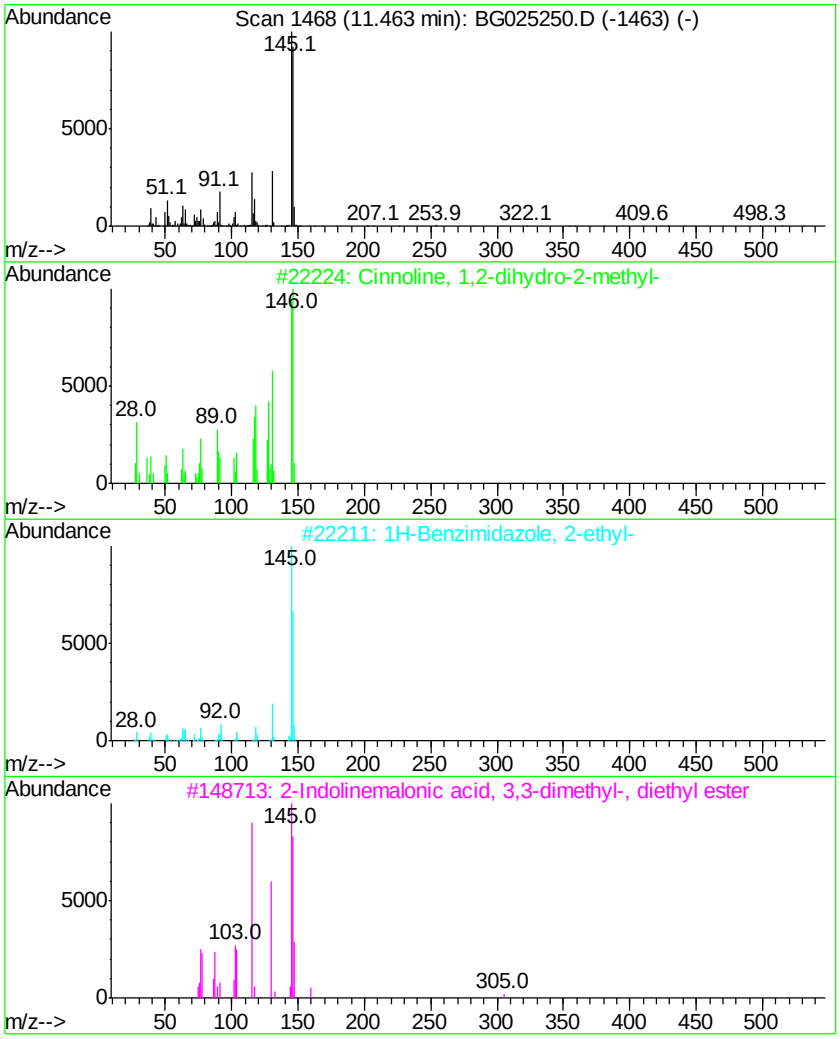
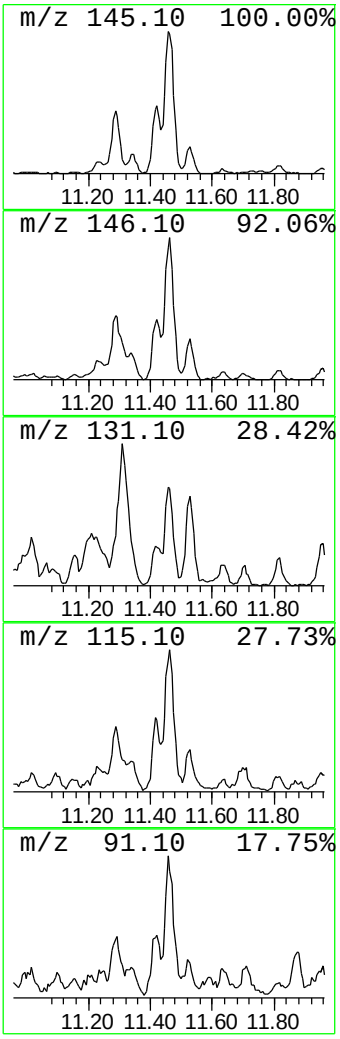
Peak Number 14 Cinnoline, 1,2-dihydro-2-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	72.59 ng/ul	1911520	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	2-Indolinemalonic acid, 3,3-dime...	305	C17H23NO4	018781-64-1	59
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	50
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	43





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Misc :
ALS Vial : 5 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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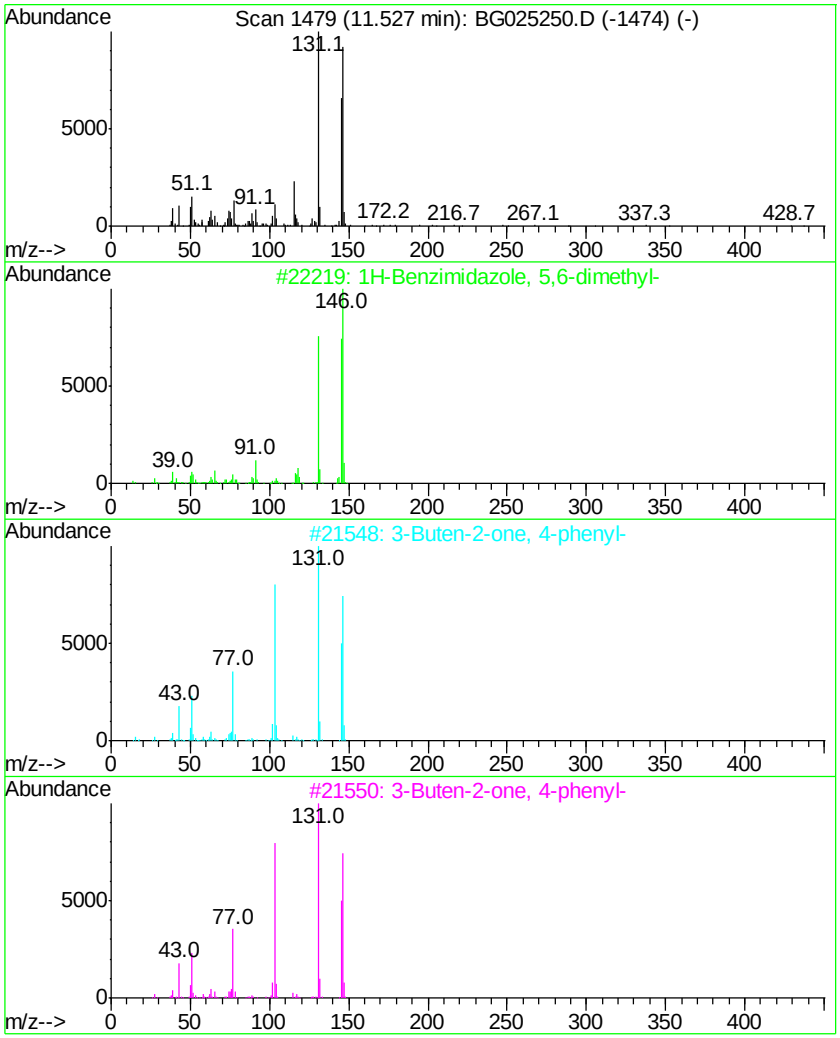
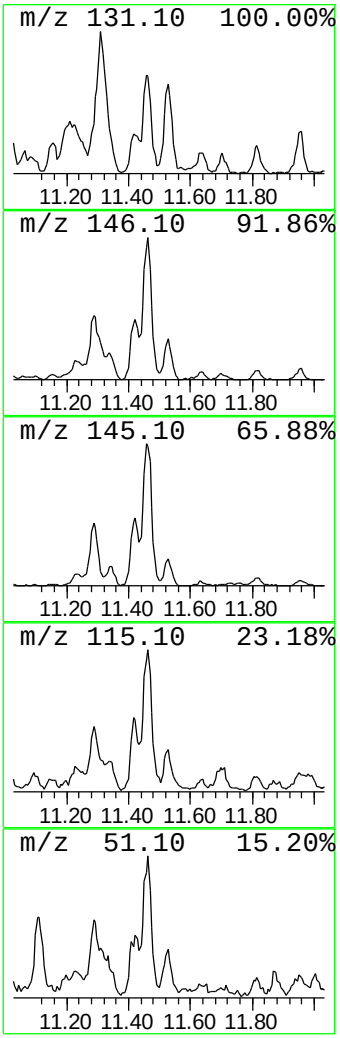
Peak Number 15 1H-Benzimidazole, 5,6-dimet... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	19.40 ng/ul	510746	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	83
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	83
3	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	83
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	80
5	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	72





Library Search Compound Report

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Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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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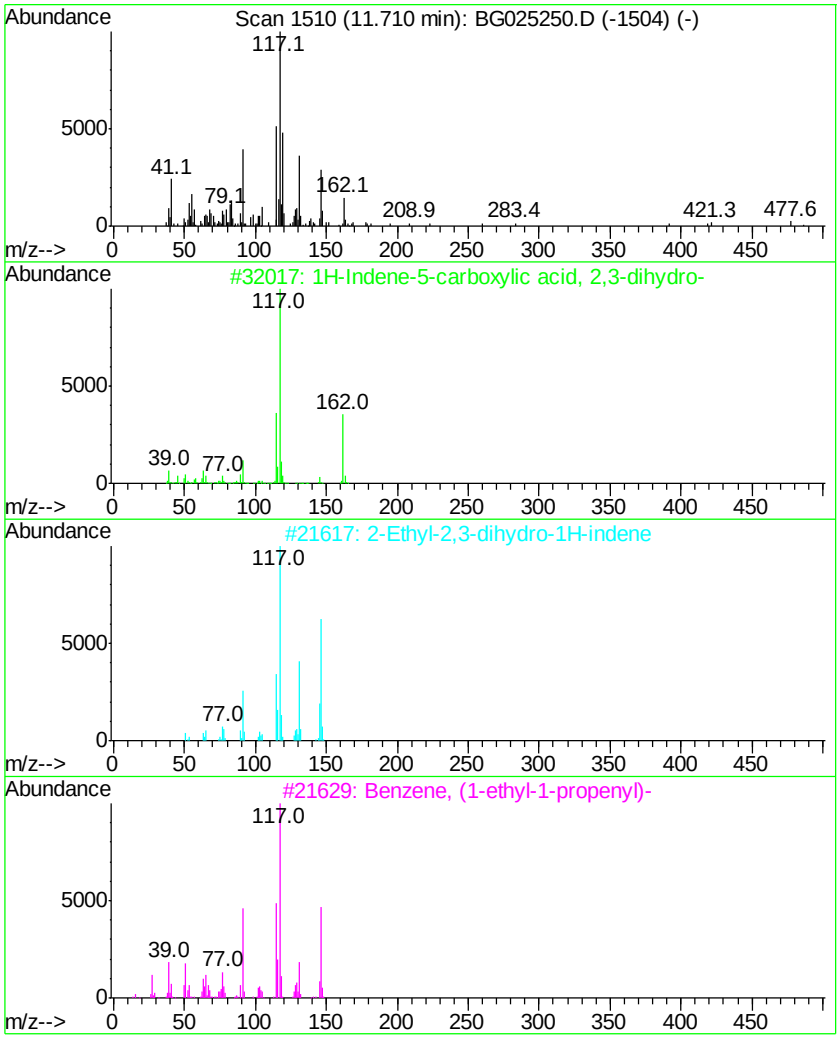
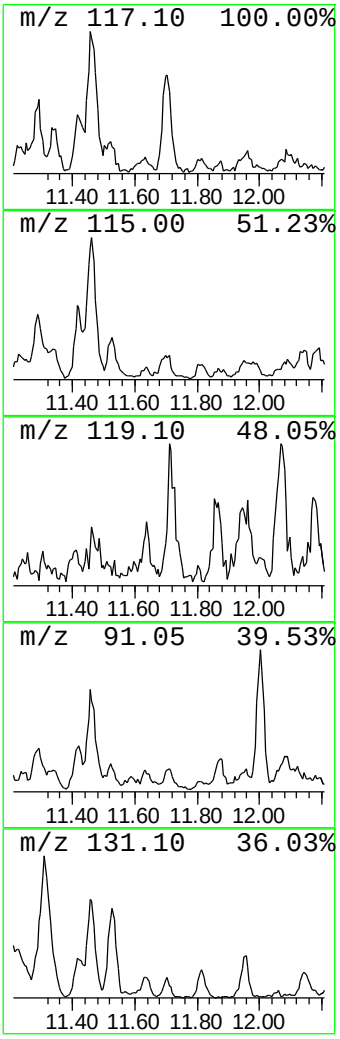
Peak Number 16 1H-Indene-5-carboxylic acid... Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	12.28 ng/ul	323325	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene-5-carboxylic acid, 2,3...	162	C10H10O2	1000337-61-3	60
2	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	53
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	52
4	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	52
5	Benzene, (1-ethyl-2-propenyl)-	146	C11H14	019947-22-9	52





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Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

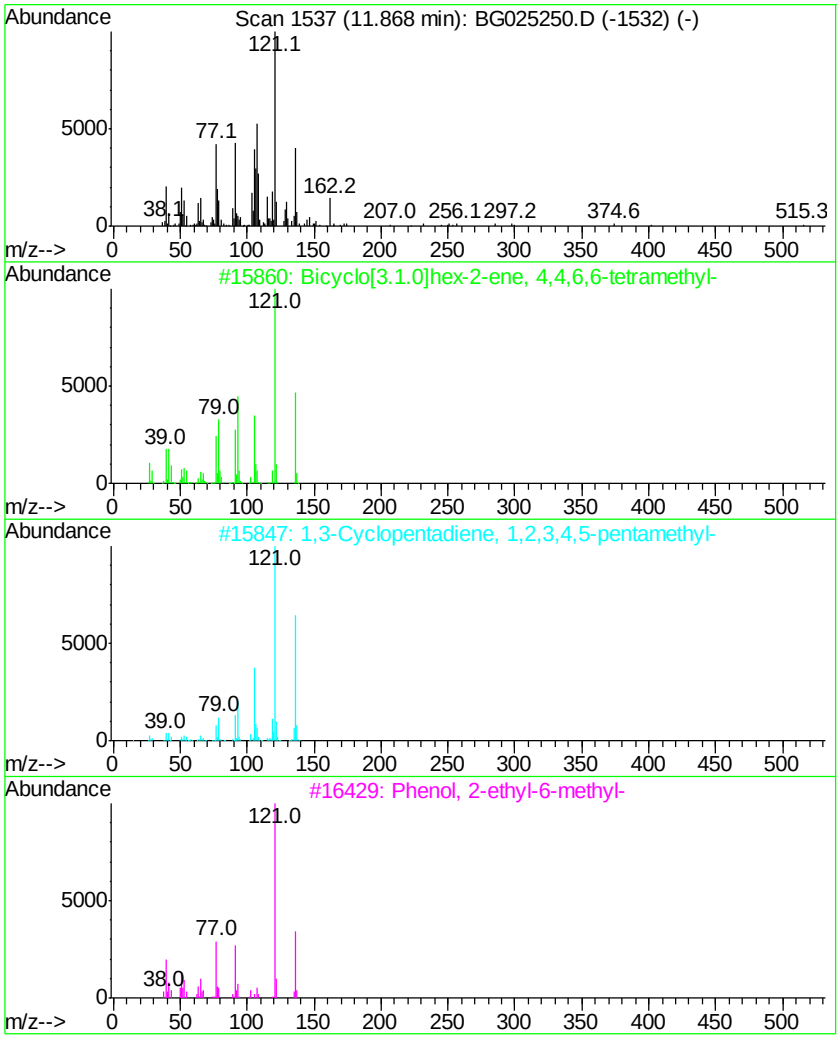
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

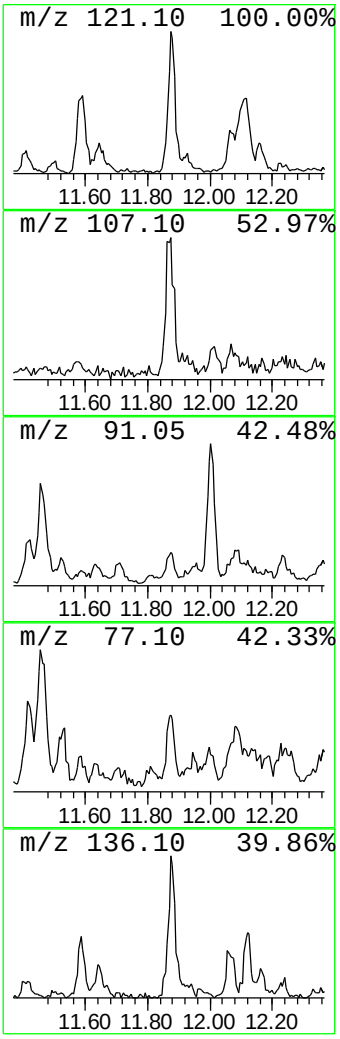
****

Peak Number 17 Bicyclo[3.1.0]hex-2-ene, 4,... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	10.81 ng/ul	284774	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.1.0]hex-2-ene, 4,4,6,6...	136	C10H16	019487-09-3	62
2	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	60
3	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	60
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	53
5	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	53





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Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

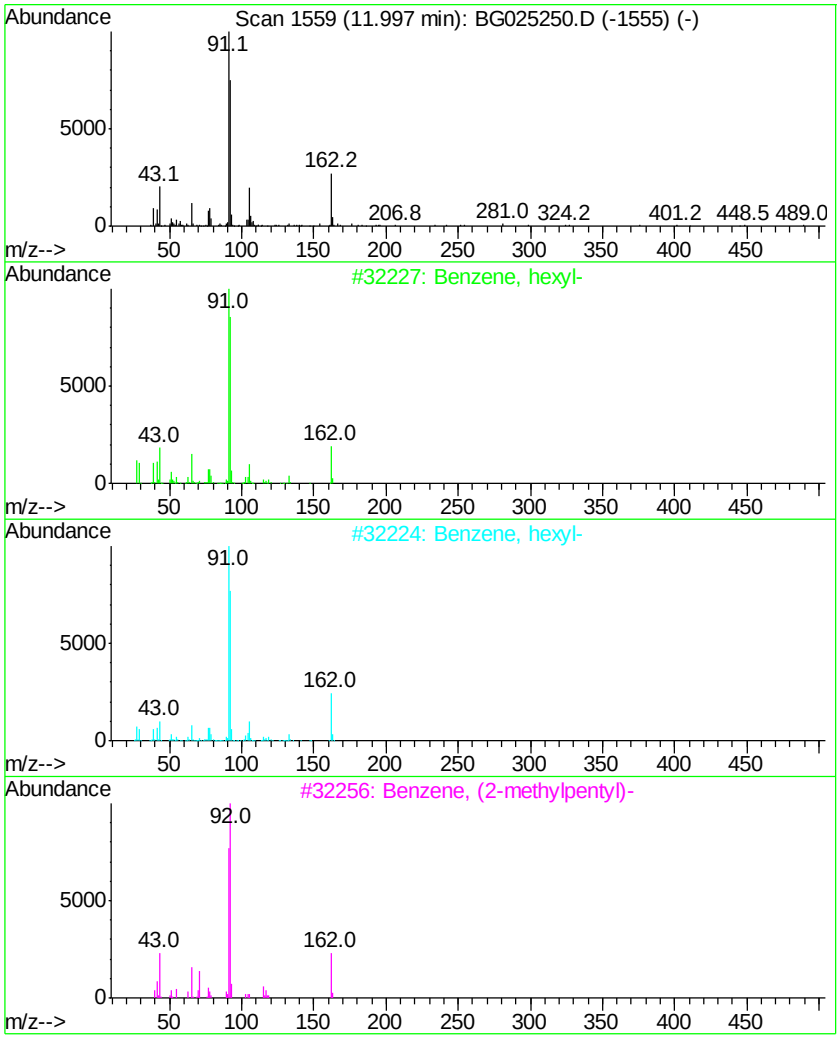
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

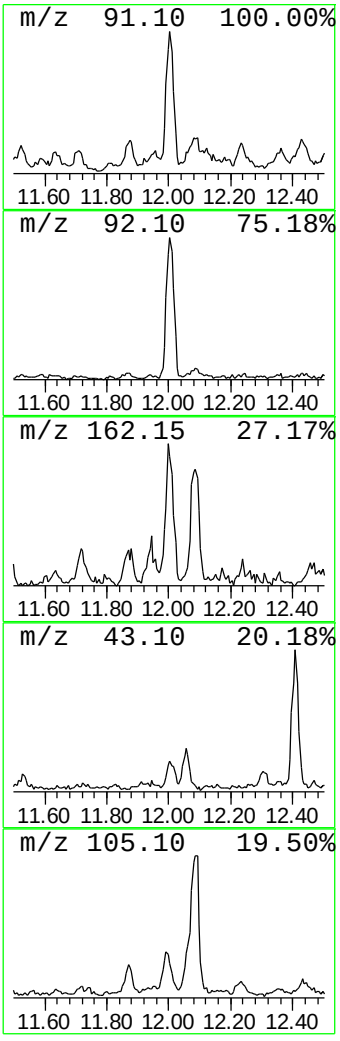
****

Peak Number 18 Benzene, hexyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	13.51 ng/ul	355629	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexyl-	162	C12H18	001077-16-3	90
2	Benzene, hexyl-	162	C12H18	001077-16-3	90
3	Benzene, (2-methylpentyl)-	162	C12H18	039916-61-5	59
4	Benzene, (3-methylbutyl)-	148	C11H16	002049-94-7	53
5	Phenylethyl Alcohol	122	C8H10O	000060-12-8	53





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Sample : H6040-05
Misc :
ALS Vial : 5 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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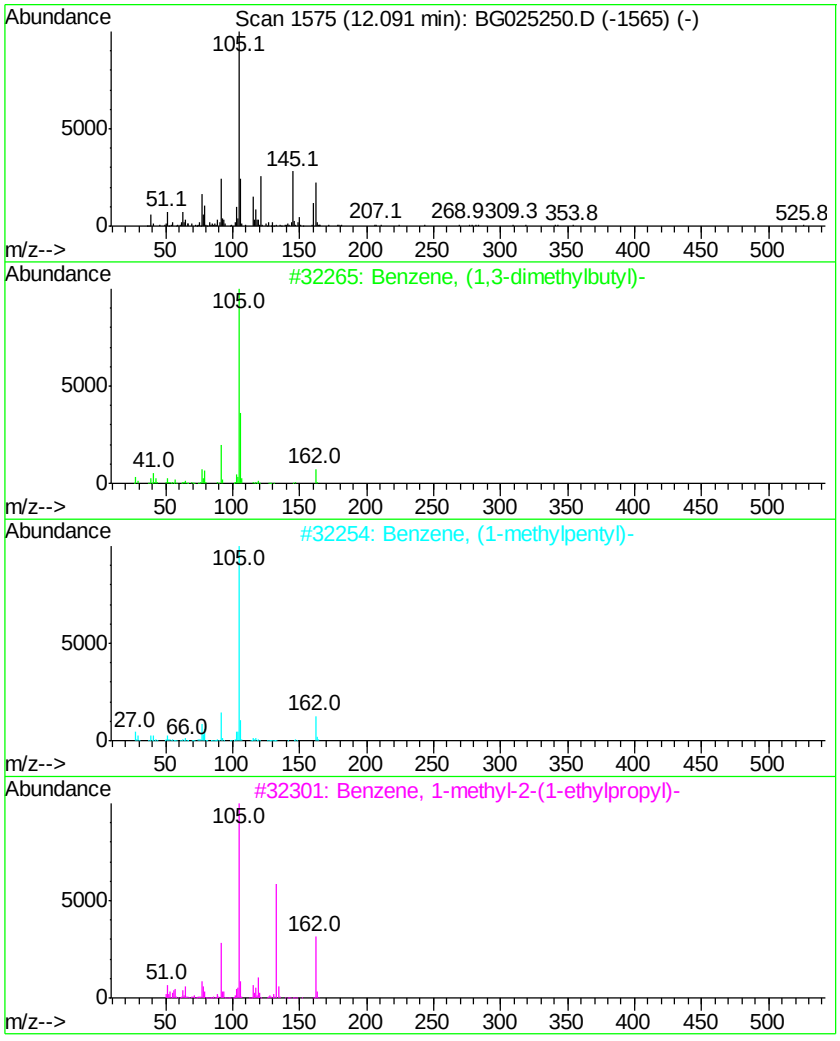
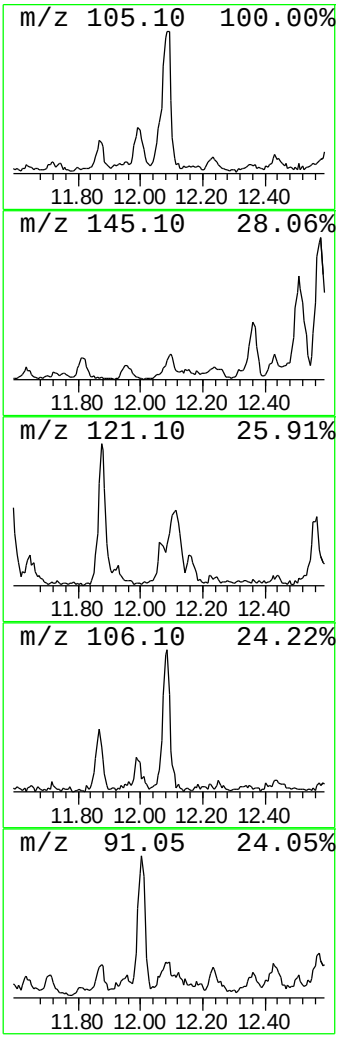
Peak Number 19 unknown-02 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	21.83 ng/ul	574951	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	43
2	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	38
3	Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	38
4	Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	27
5	3-Oxapentanol-1, 4-[(2,3-dimethy...	194	C12H18O2	1000063-22-7	27





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Sample : H6040-05
Misc :
ALS Vial : 5 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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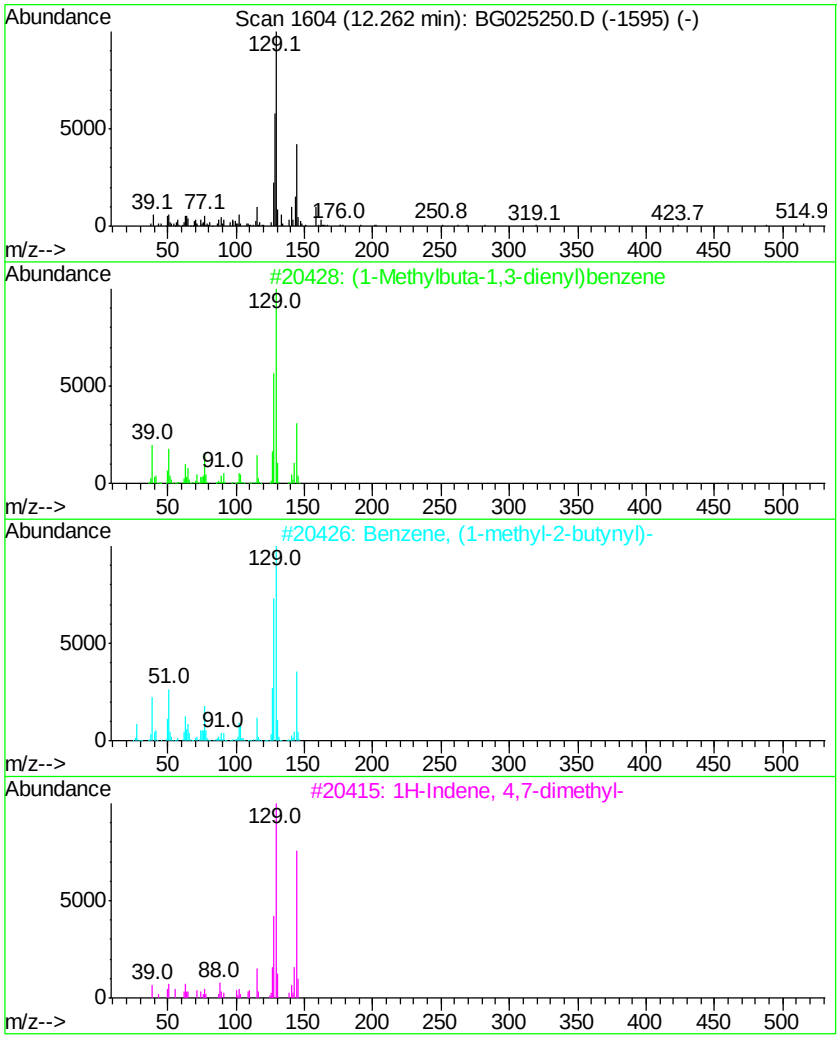
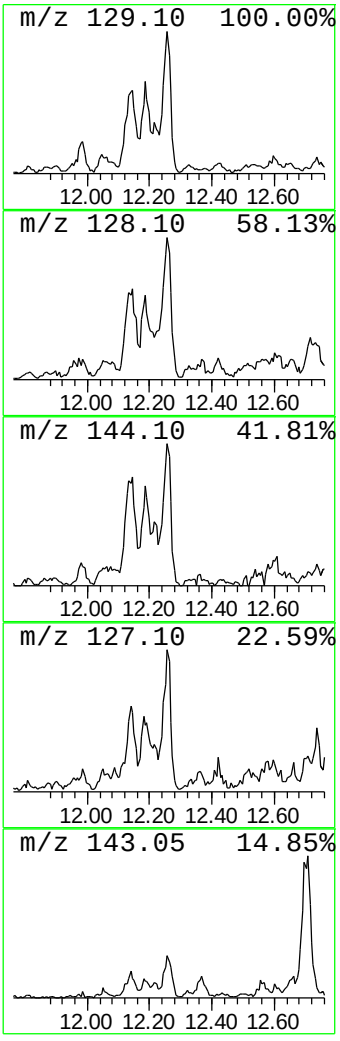
Peak Number 20 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	27.59 ng/ul	726601	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	93
2	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	87
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	86
4	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	83
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	80





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Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

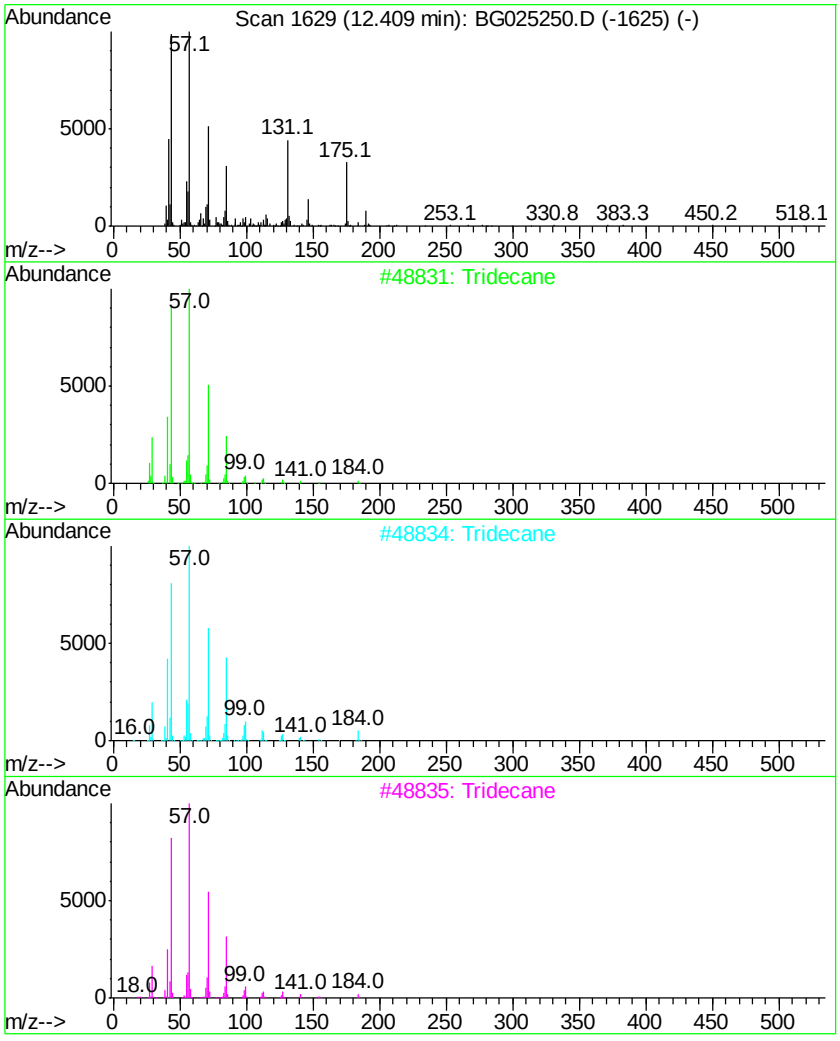
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

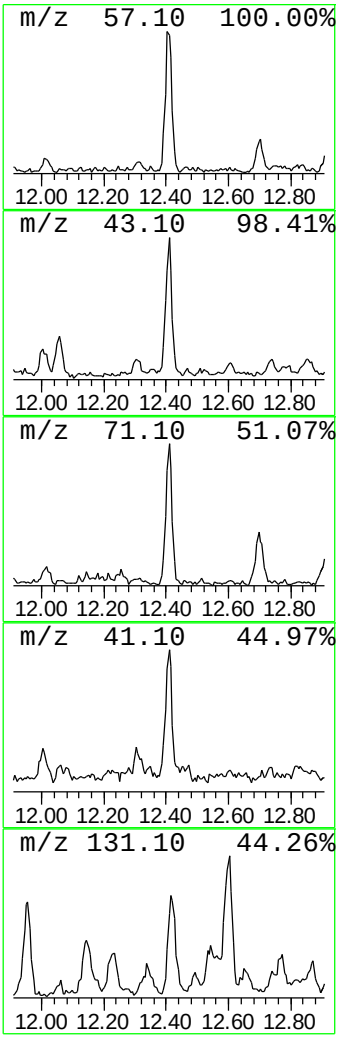
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	28.24 ng/ul	743604	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	50
3	Tridecane	184	C13H28	000629-50-5	45
4	Hexadecane	226	C16H34	000544-76-3	38
5	Dodecane	170	C12H26	000112-40-3	38





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Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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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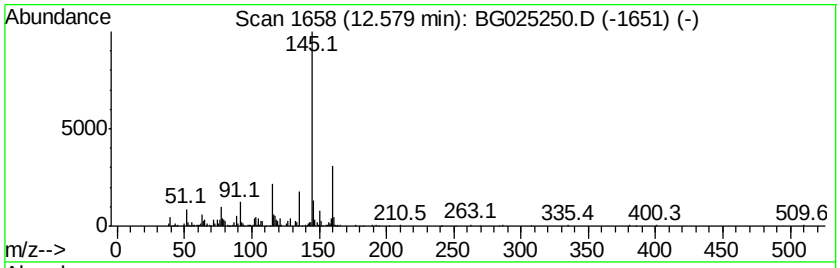
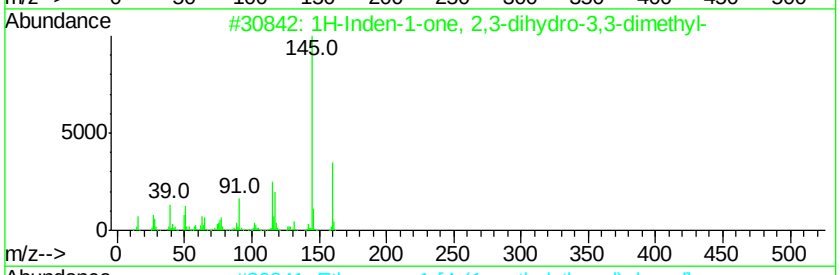
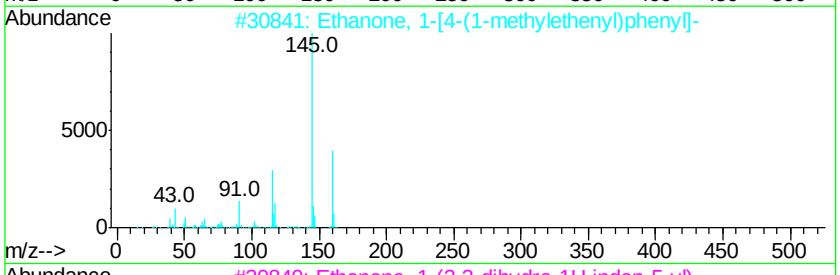
Peak Number 22 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 41

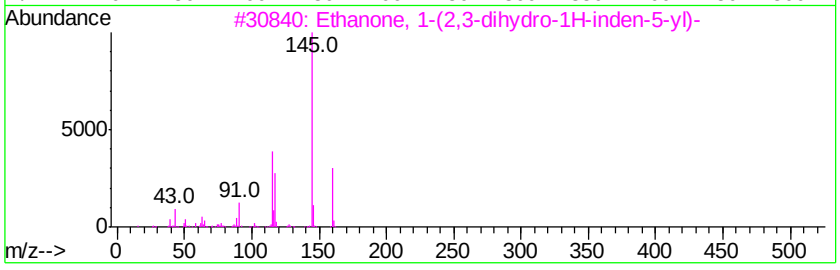
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	14.74 ng/ul	388055	Naphthalene-d8	11.06

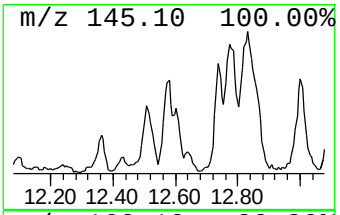
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	90
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	72
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	62
4	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	58
5	Ethanone, 1-(2-benzofuranyl)-	160	C10H8O2	001646-26-0	58

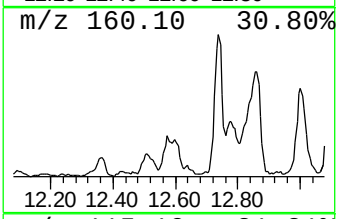


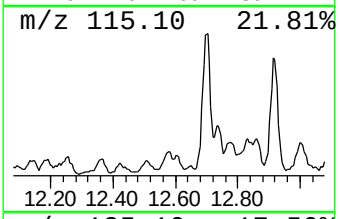


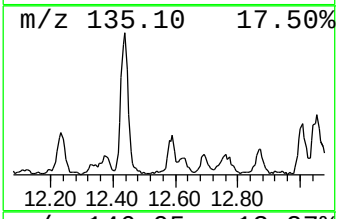


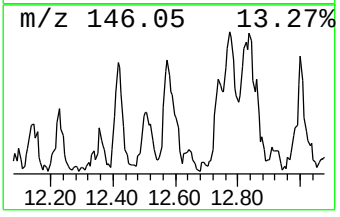












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Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

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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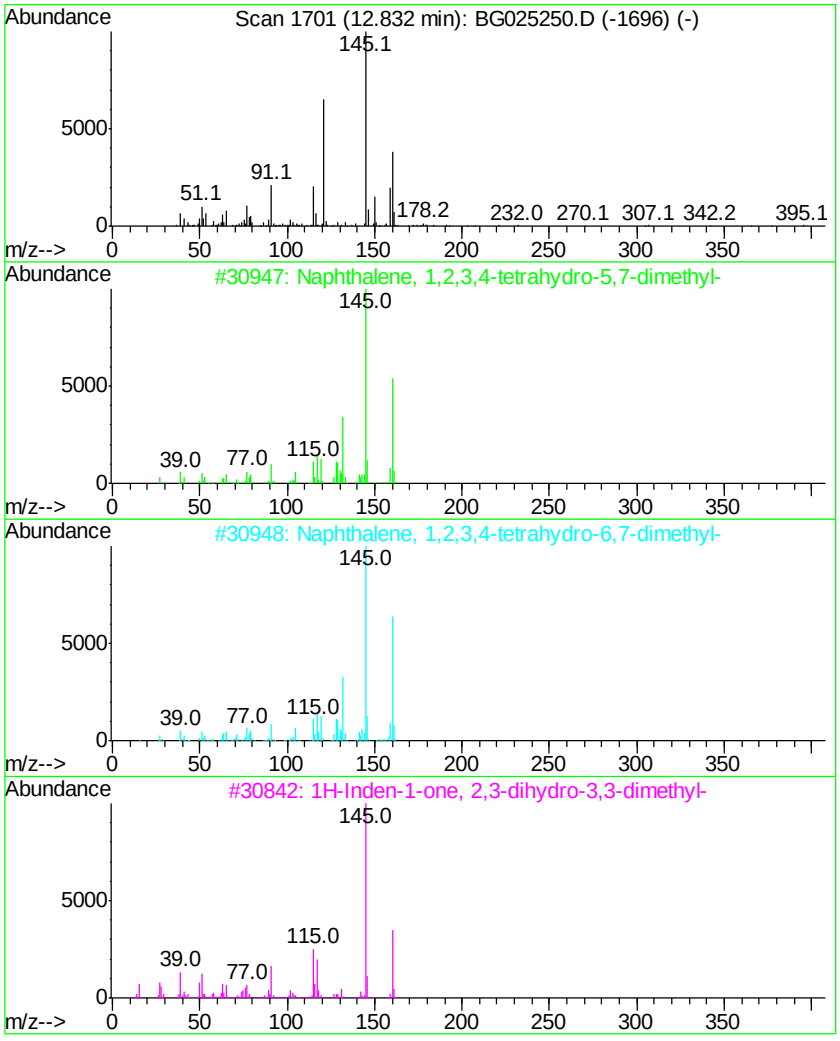
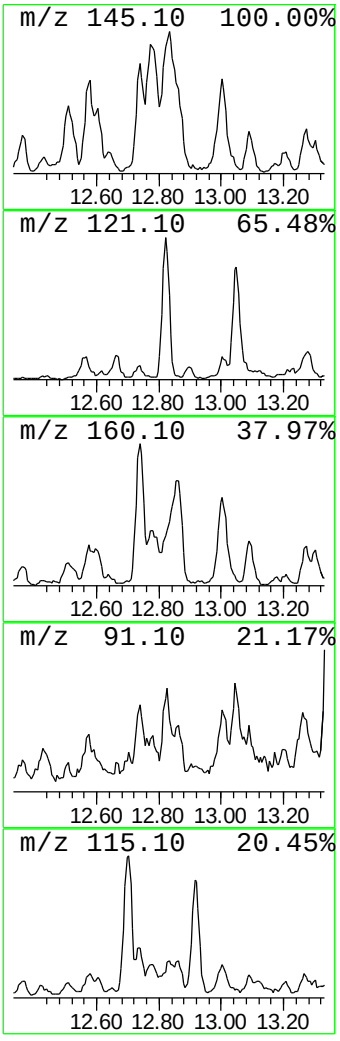
Peak Number 23 unknown-03 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	20.96 ng/ul	552024	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	43
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	43
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	41
4	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	38
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	38





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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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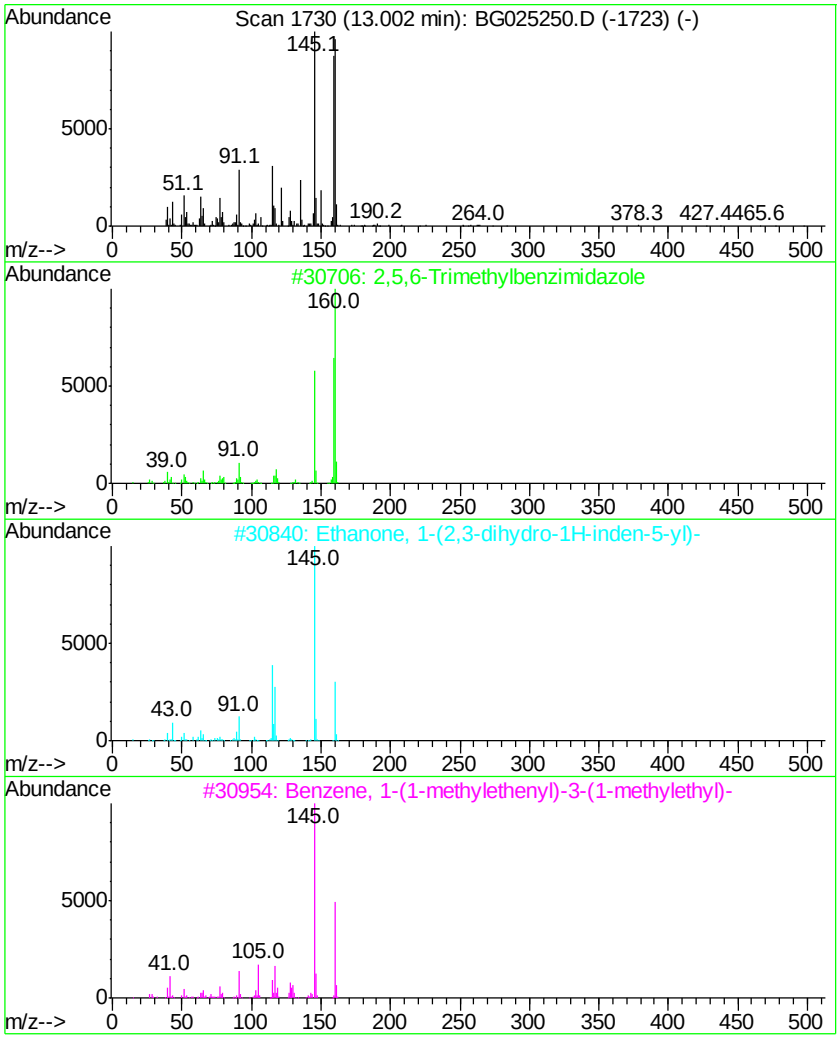
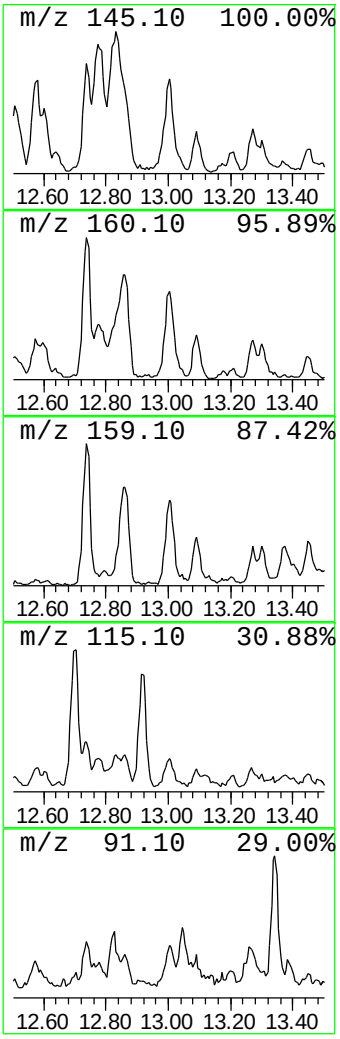
Peak Number 25 2,5,6-Trimethylbenzimidazole Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	25.95 ng/ul	951016	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	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	53
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	49
5	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	49





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Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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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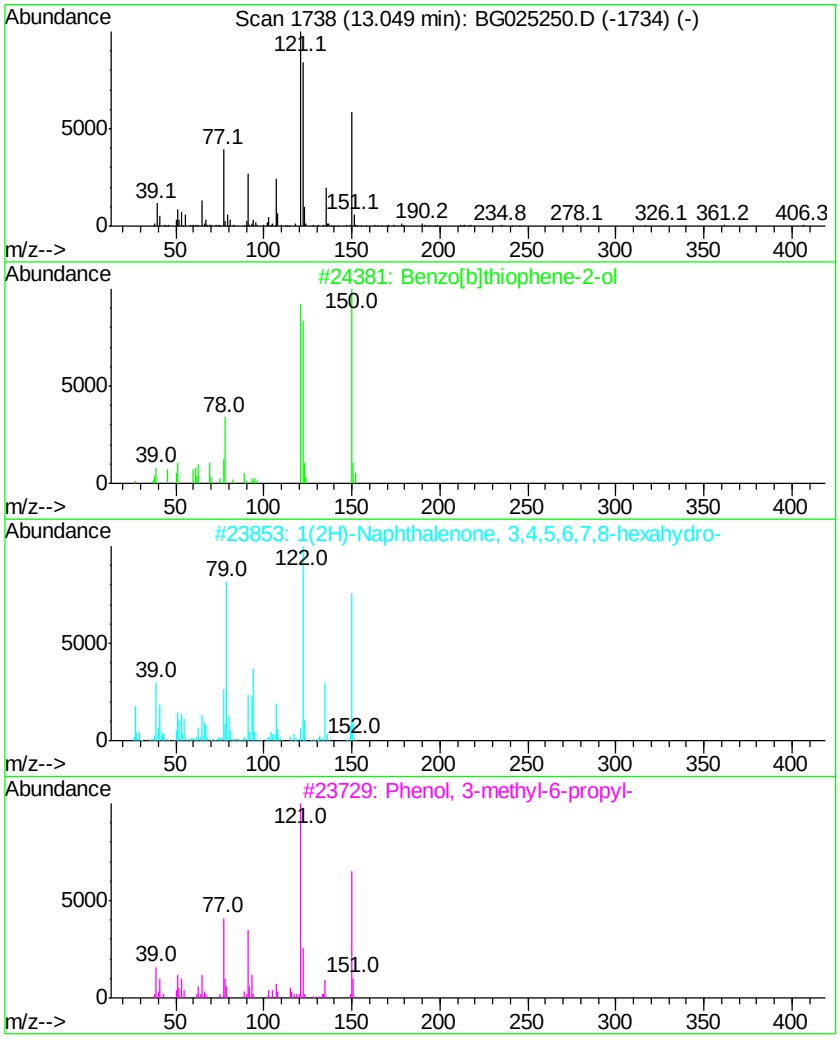
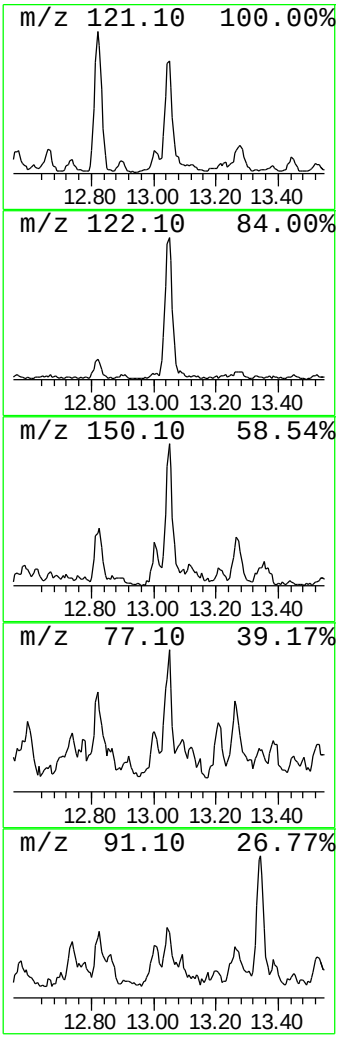
Peak Number 26 Benzo[b]thiophene-2-ol Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	9.49 ng/ul	347768	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene-2-ol	150	C8H6OS	000496-31-1	53
2	1(2H)-Naphthalenone, 3,4,5,6,7,8...	150	C10H14O	018631-96-4	49
3	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	47
4	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	47
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	47





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Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

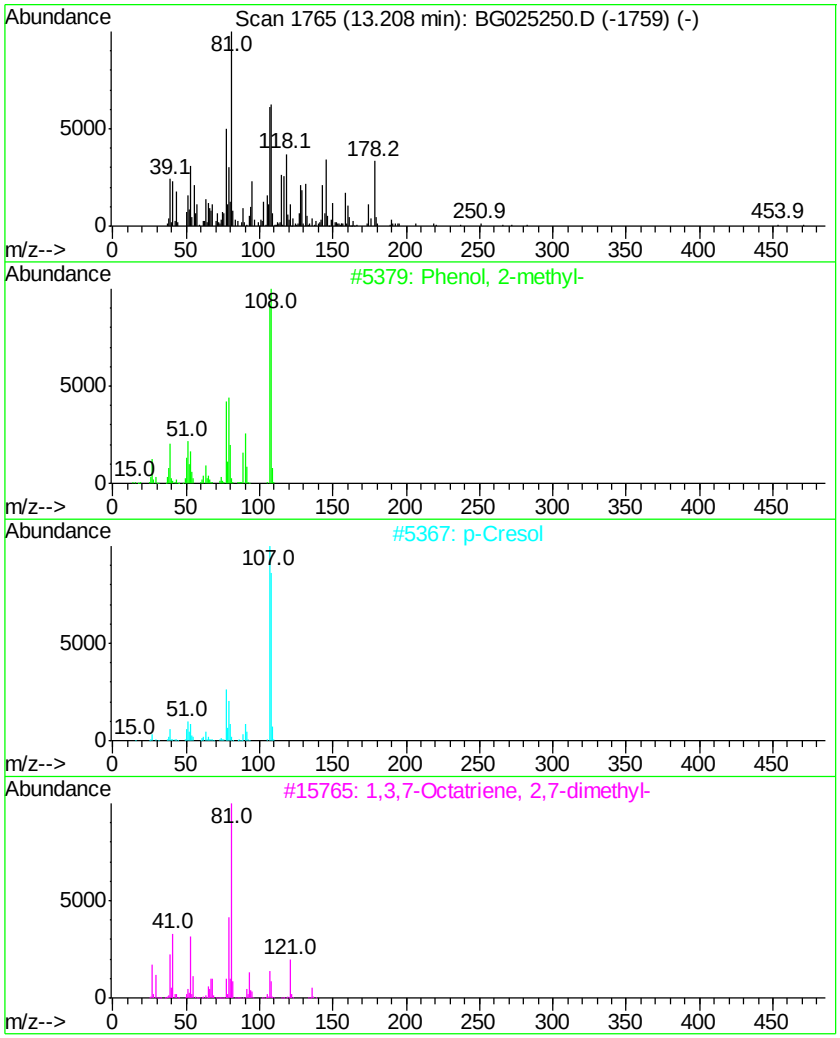
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

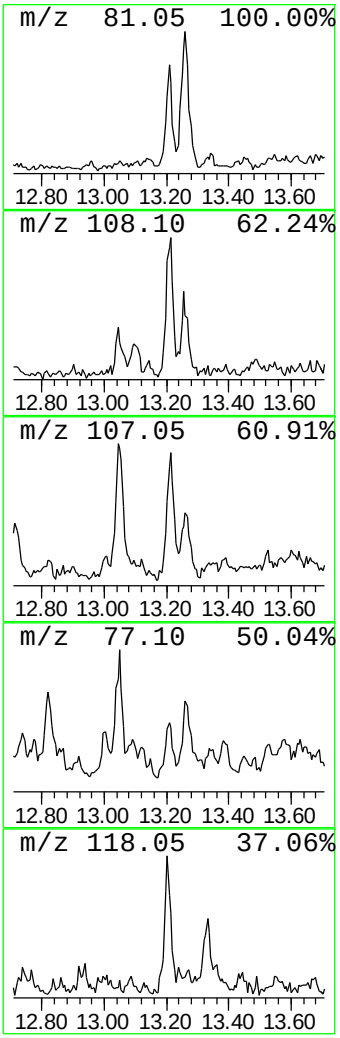
****

Peak Number 28 Phenol, 2-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	13.57 ng/ul	497503	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	53
2	p-Cresol	108	C7H8O	000106-44-5	25
3	1,3,7-Octatriene, 2,7-dimethyl-	136	C10H16	036638-38-7	18
4	Phenol, 2-methyl-	108	C7H8O	000095-48-7	15
5	Phenol, 2-methyl-	108	C7H8O	000095-48-7	11





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Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

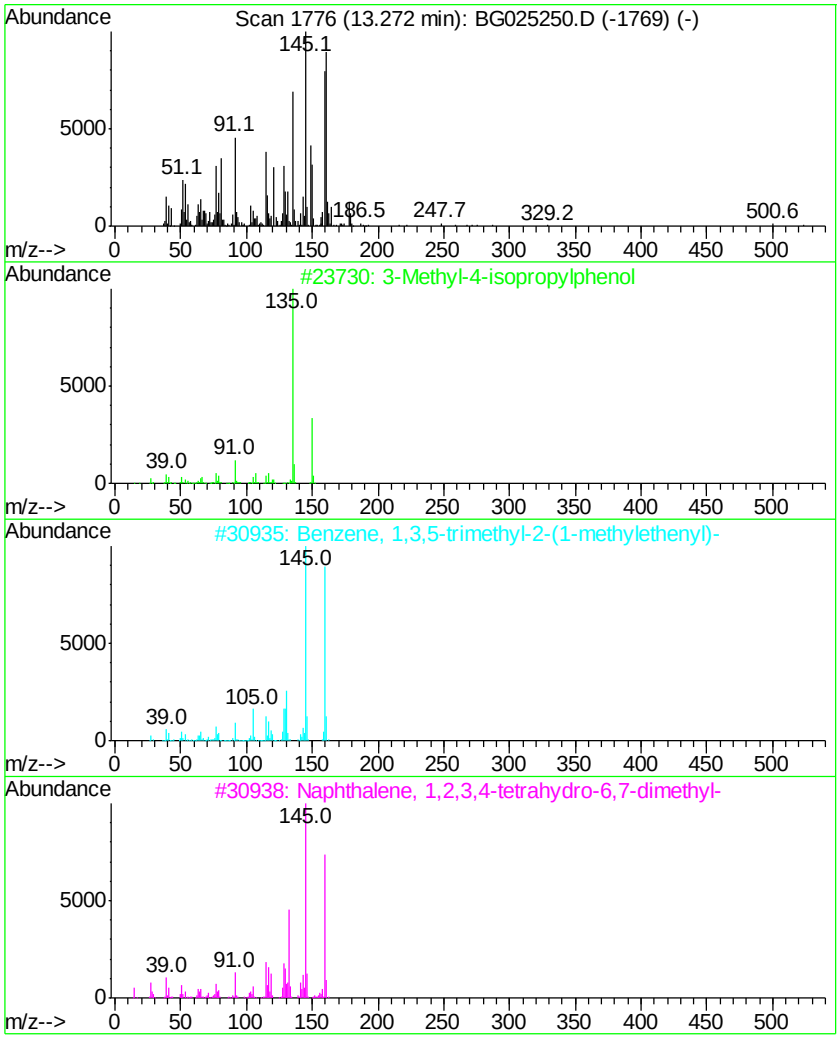
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

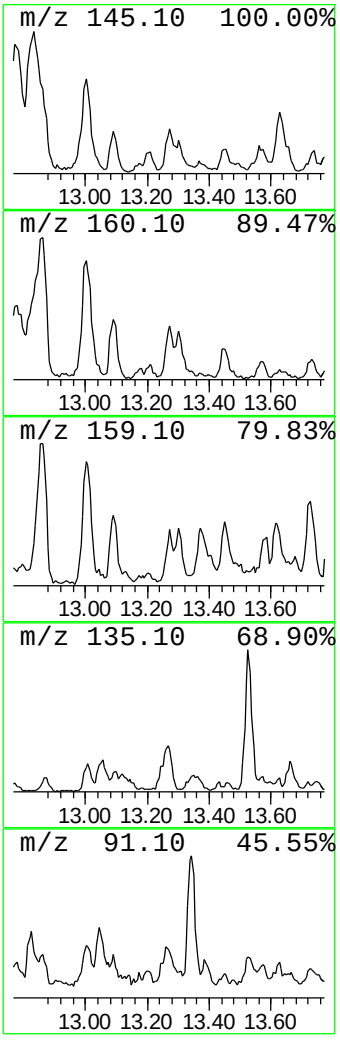
****

Peak Number 29 unknown-04 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.27	28.71 ng/ul	1052100	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-4-isopropylphenol	150	C10H14O	003228-02-2	40
2	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	38
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	35
4	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	30
5	Ethyltetramethylcyclopentadiene	150	C11H18	057693-77-3	25





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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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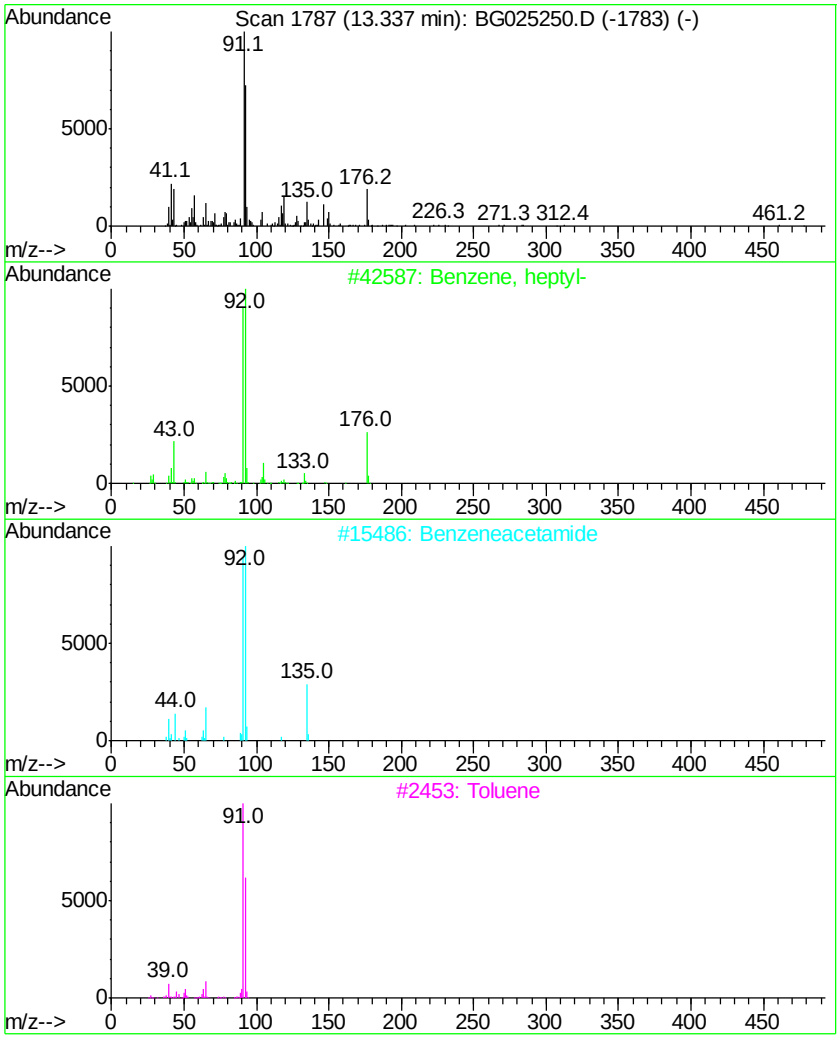
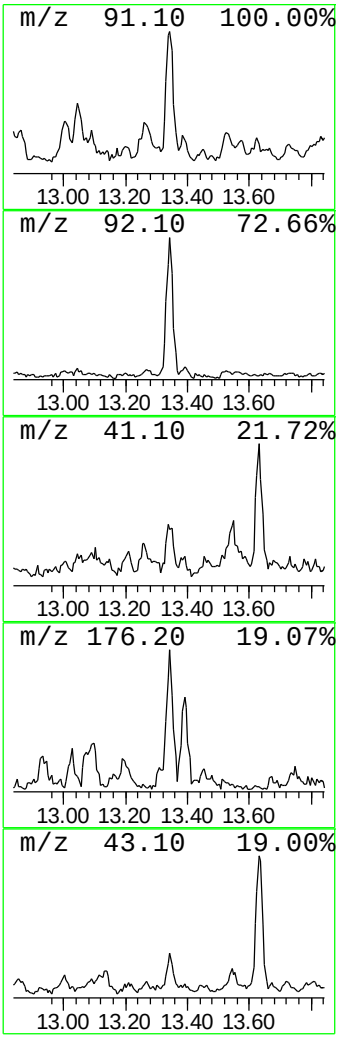
Peak Number 30 Benzene, heptyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	11.42 ng/ul	418450	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	72
2	Benzeneacetamide	135	C8H9NO	000103-81-1	53
3	Toluene	92	C7H8	000108-88-3	52
4	Toluene	92	C7H8	000108-88-3	52
5	Toluene	92	C7H8	000108-88-3	52





Library Search Compound Report

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Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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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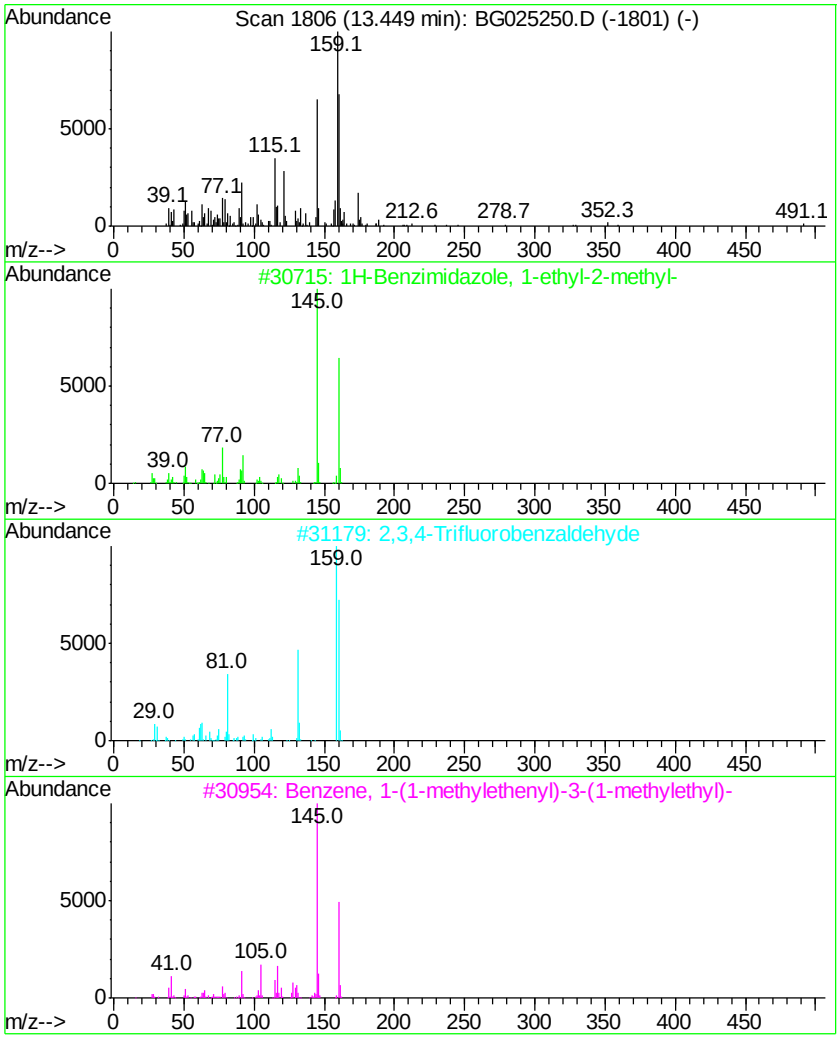
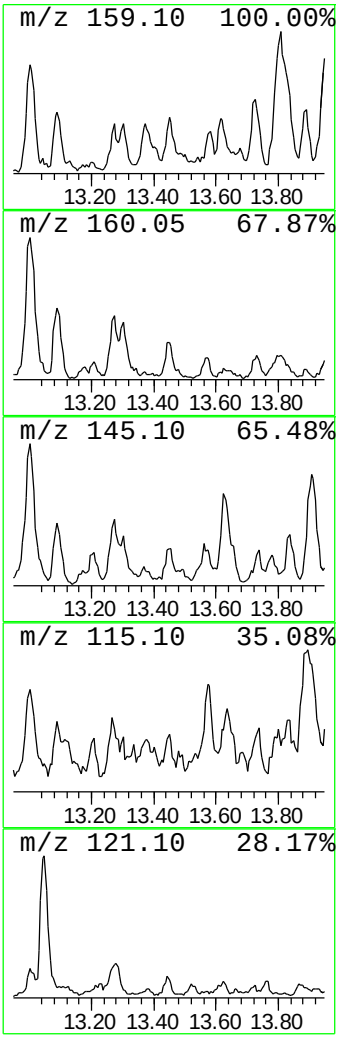
Peak Number 31 unknown-05 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	7.20 ng/ul	263978	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	46
2	2,3,4-Trifluorobenzaldehyde	160	C7H3F3O	161793-17-5	46
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	45
4	Silane, trimethyl(phenylethynyl)-	174	C11H14Si	002170-06-1	38
5	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

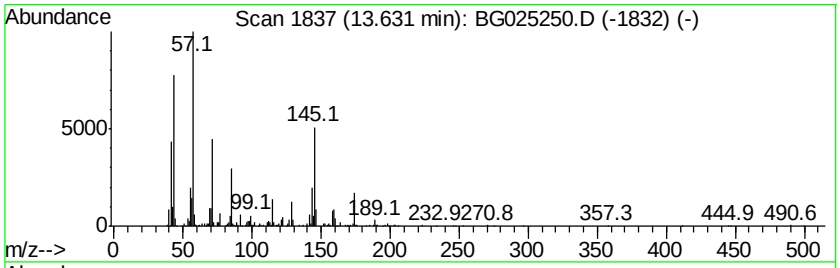
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

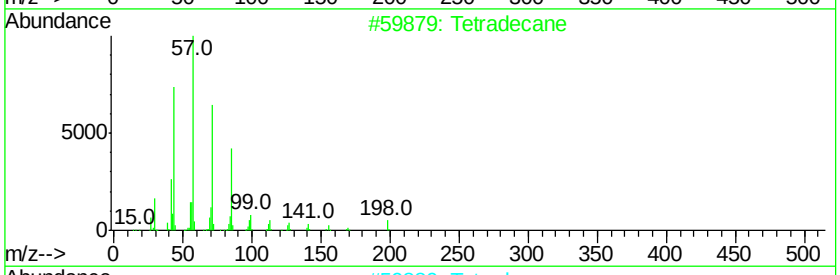
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

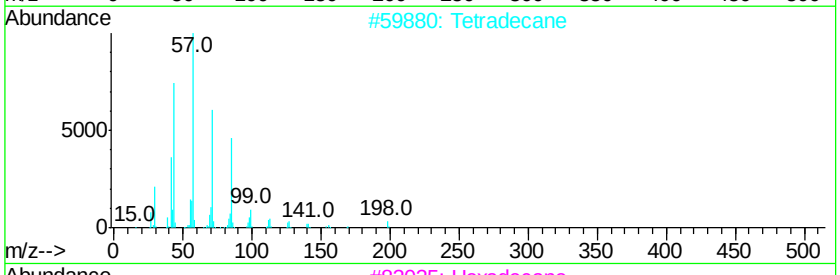
****
Peak Number 34 (DEL) Alkane: Straight-Chai... Concentration Rank 18

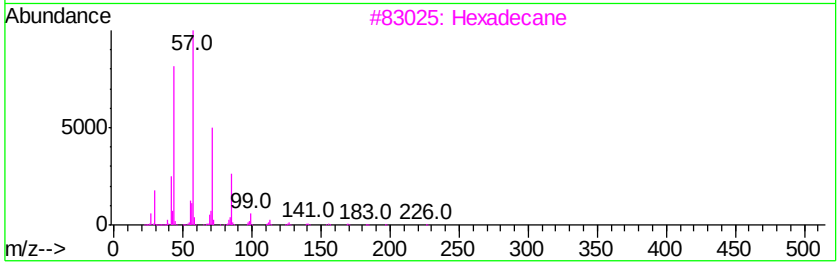
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	27.48 ng/ul	1007110	Acenaphthene-d10	14.86

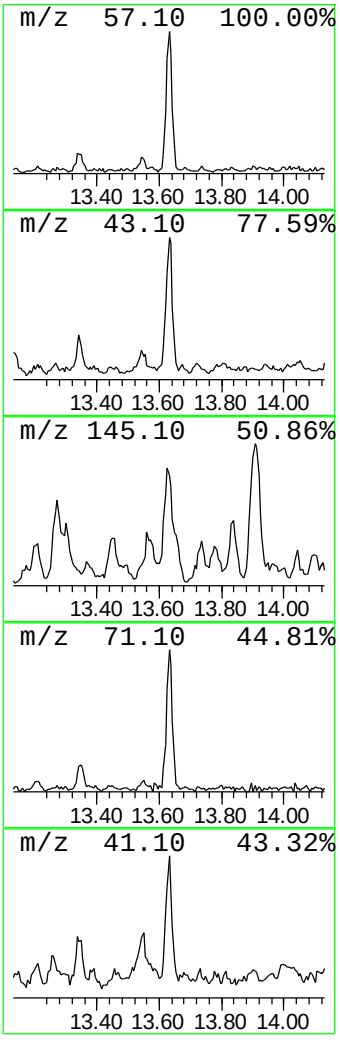
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	50
2	Tetradecane	198	C14H30	000629-59-4	50
3	Hexadecane	226	C16H34	000544-76-3	38
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
5	3-Hexanone, 2,2-dimethyl-	128	C8H16O	005405-79-8	38











Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

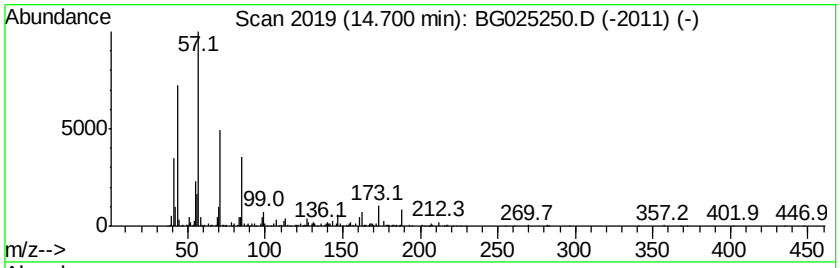
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

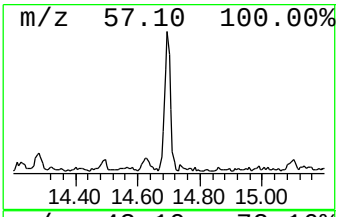
****

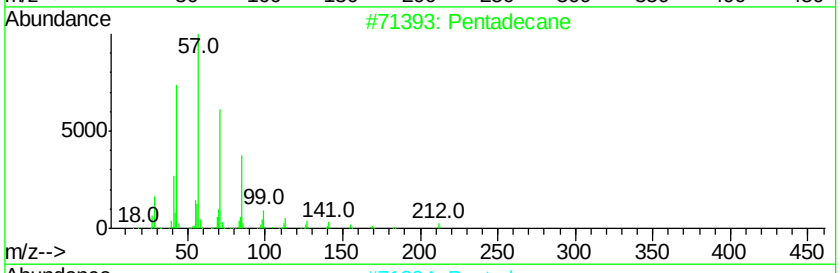
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 29

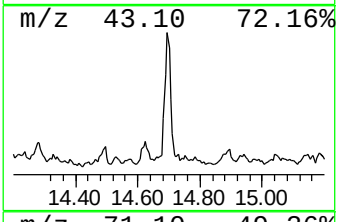
R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	22.20 ng/ul	813498	Acenaphthene-d10	14.86

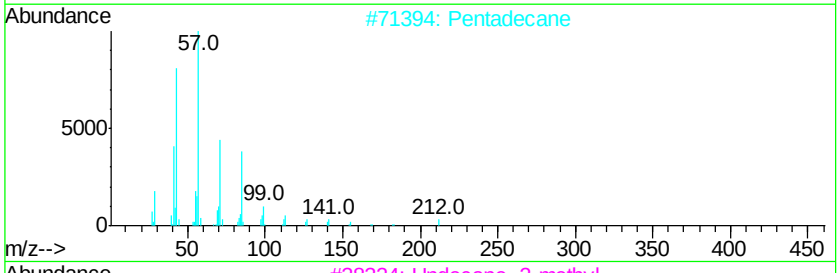
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Pentadecane	212	C15H32	000629-62-9	70
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	62
4	Hexadecane	226	C16H34	000544-76-3	60
5	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	58

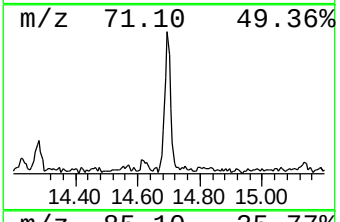


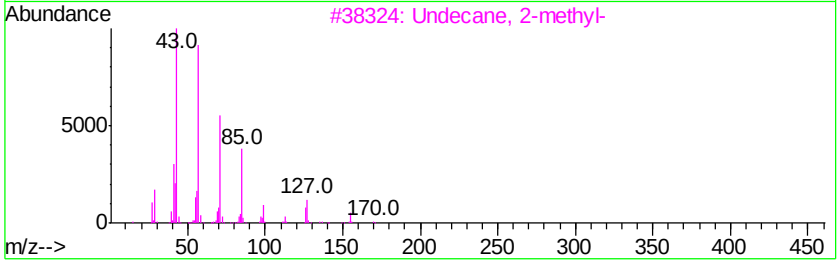


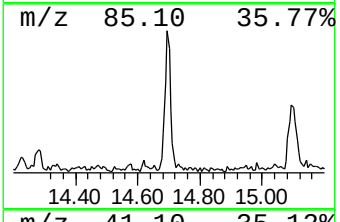


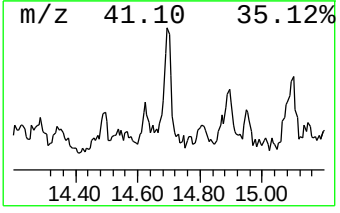












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

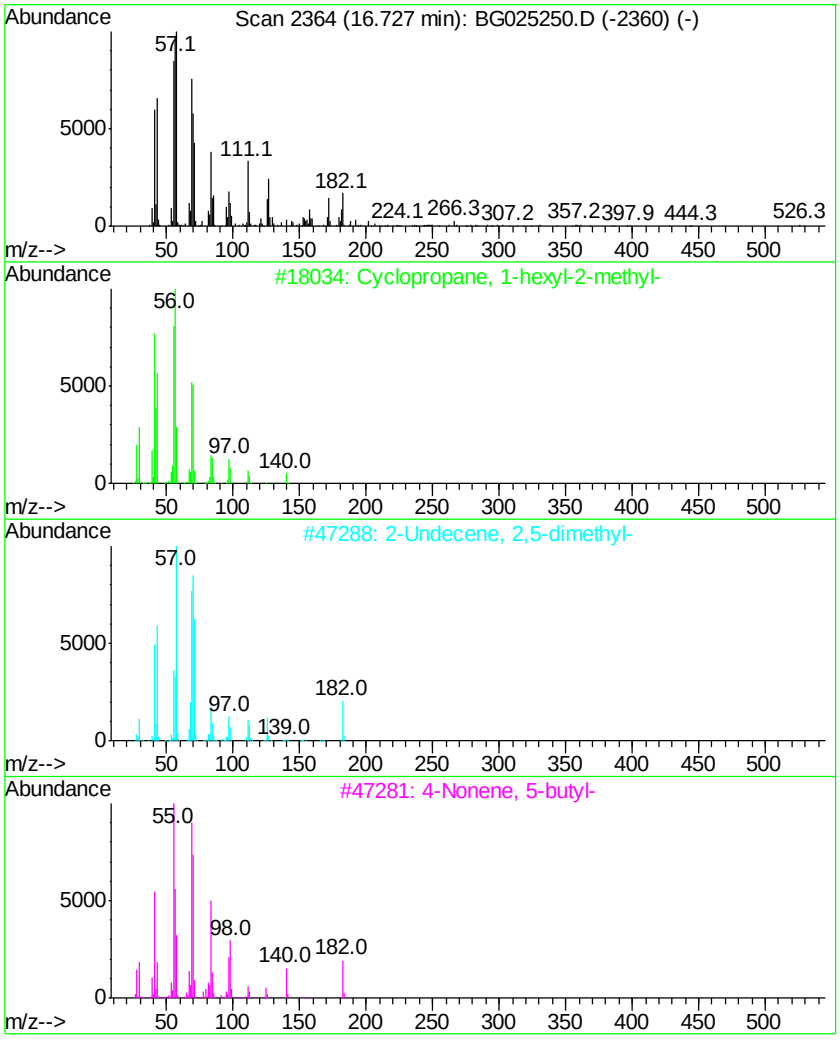
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

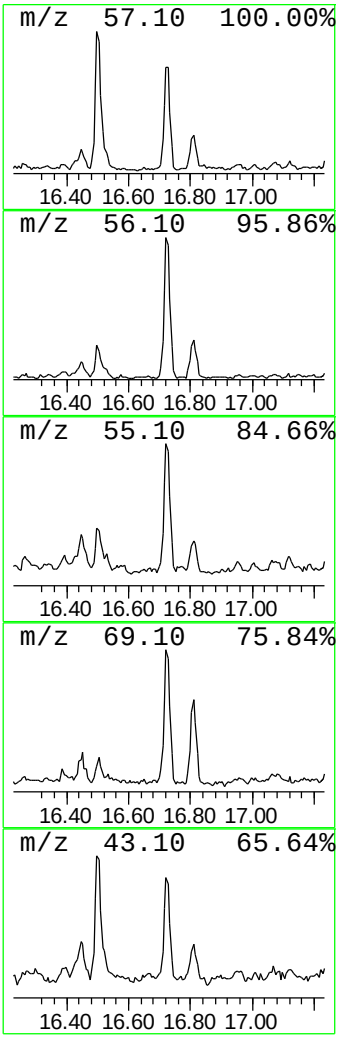
****

Peak Number 55 (DEL) Alkane: Cyclic16.73 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.73	27.21 ng/ul	1113080	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopropane, 1-hexyl-2-methyl-	140	C10H20	062238-09-9	58
2	2-Undecene, 2,5-dimethyl-	182	C13H26	049622-16-4	58
3	4-Nonene, 5-butyl-	182	C13H26	007367-38-6	55
4	4-Nonene, 2-methyl-	140	C10H20	055724-84-0	53
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	007667-55-2	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

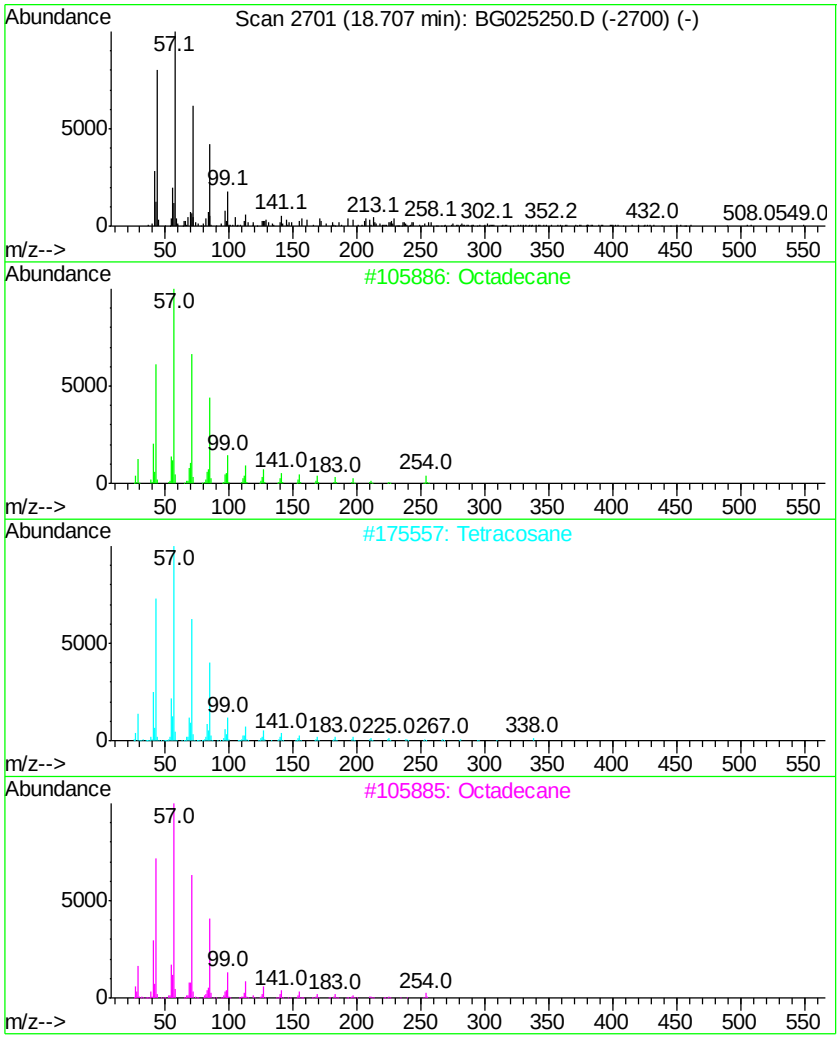
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

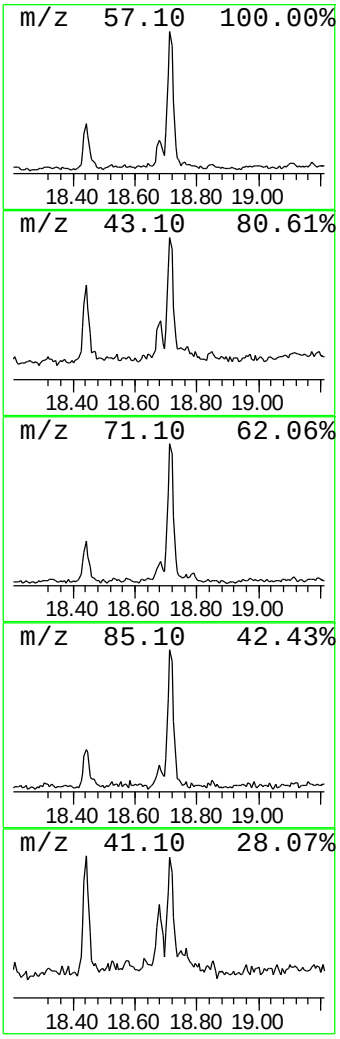
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	13.79 ng/ul	563931	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	80
2	Tetracosane	338	C24H50	000646-31-1	80
3	Octadecane	254	C18H38	000593-45-3	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Eicosane	282	C20H42	000112-95-8	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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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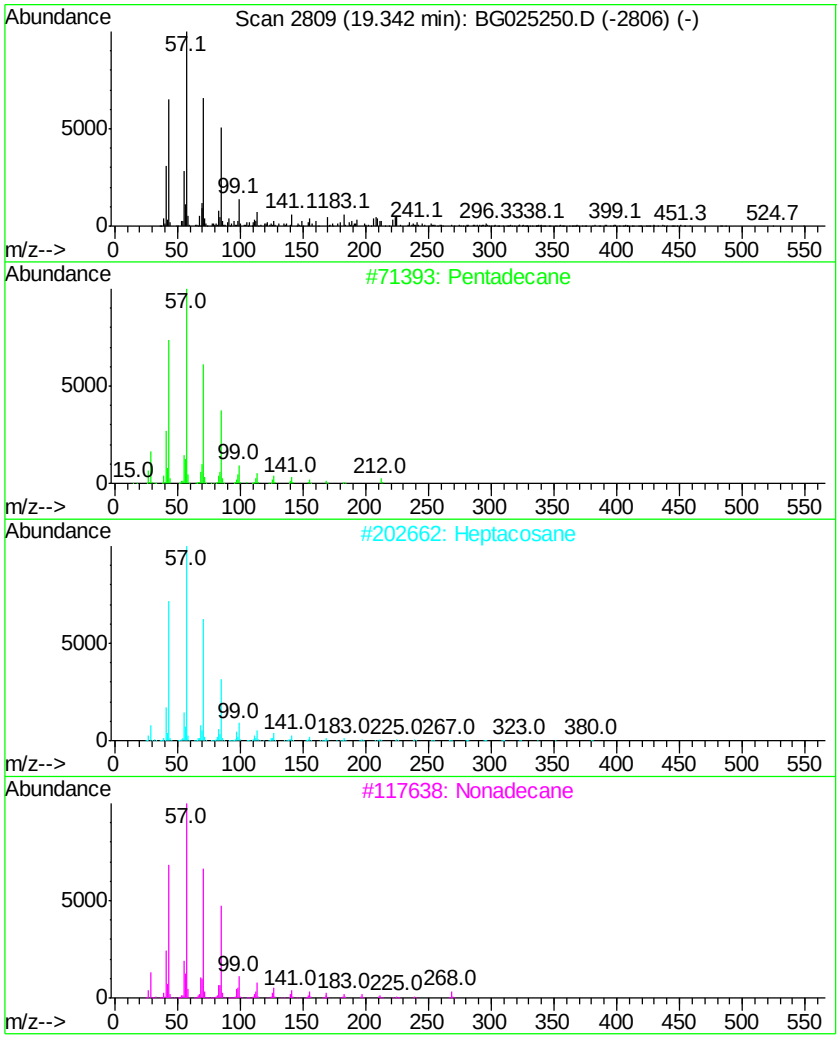
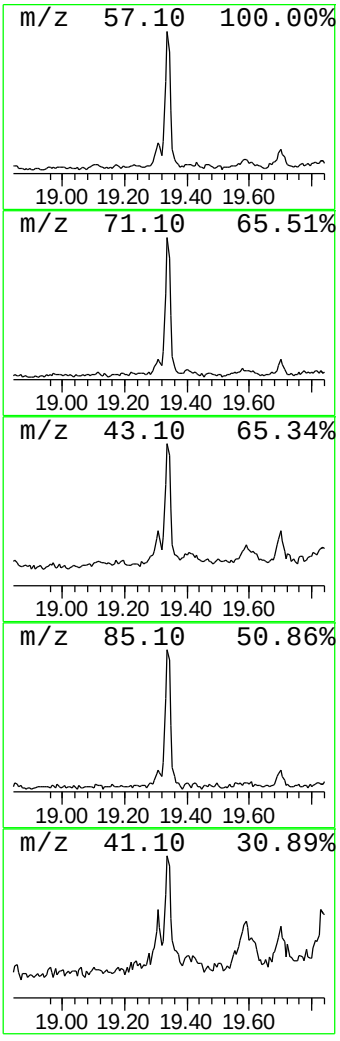
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	11.66 ng/ul	476896	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	86
2	Heptacosane	380	C27H56	000593-49-7	80
3	Nonadecane	268	C19H40	000629-92-5	80
4	Eicosane	282	C20H42	000112-95-8	72
5	Hexadecane	226	C16H34	000544-76-3	70





Library Search Compound Report

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Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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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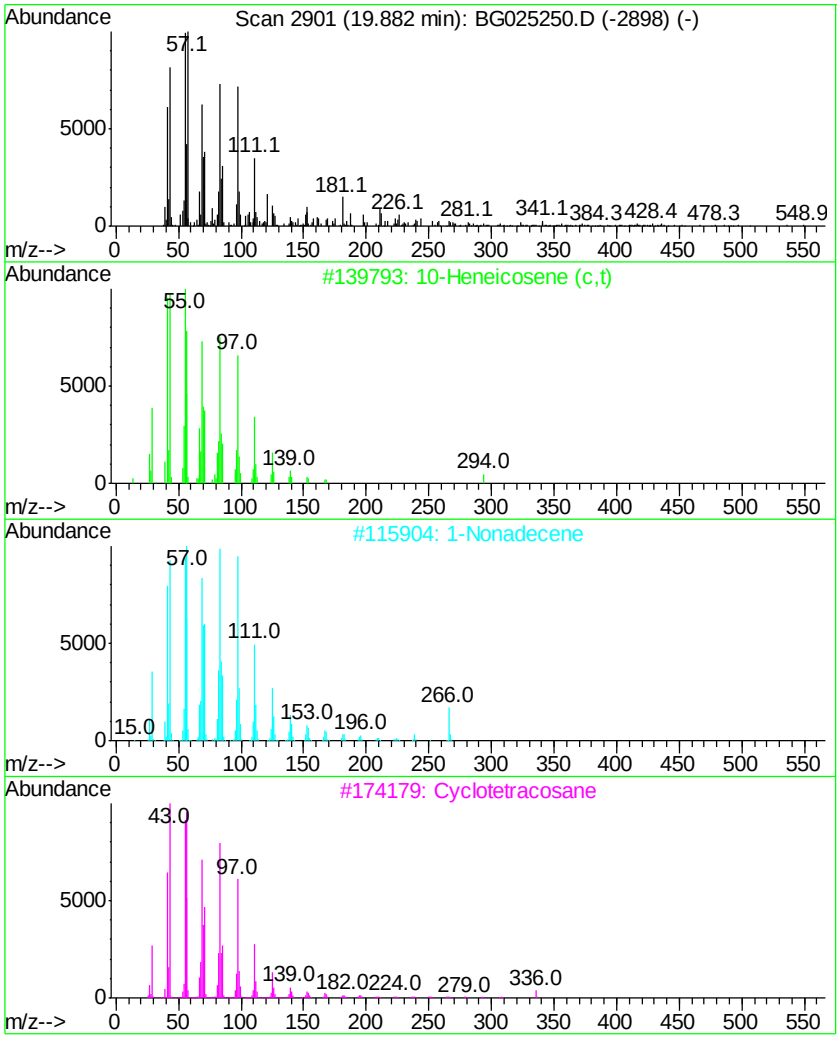
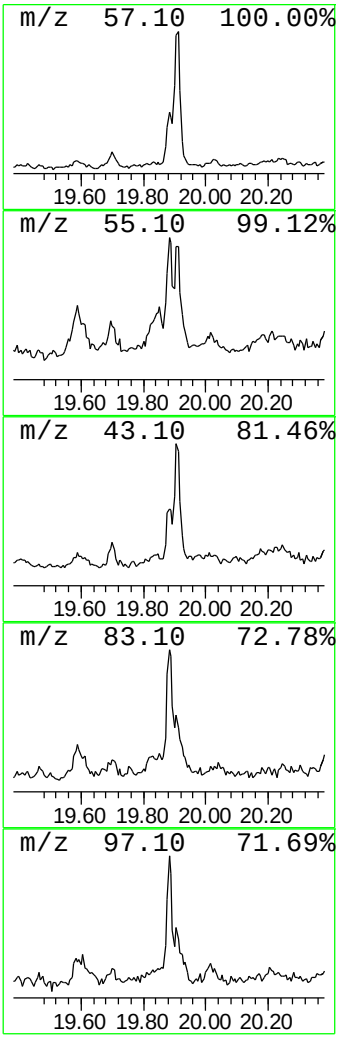
Peak Number 66 (DEL) Alkane: Cyclic19.88 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	9.68 ng/ul	673013	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Cyclotetracosane	336	C24H48	000297-03-0	91
4	1-Hexacosene	364	C26H52	018835-33-1	91
5	Cyclotetracosane	336	C24H48	000297-03-0	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W0

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

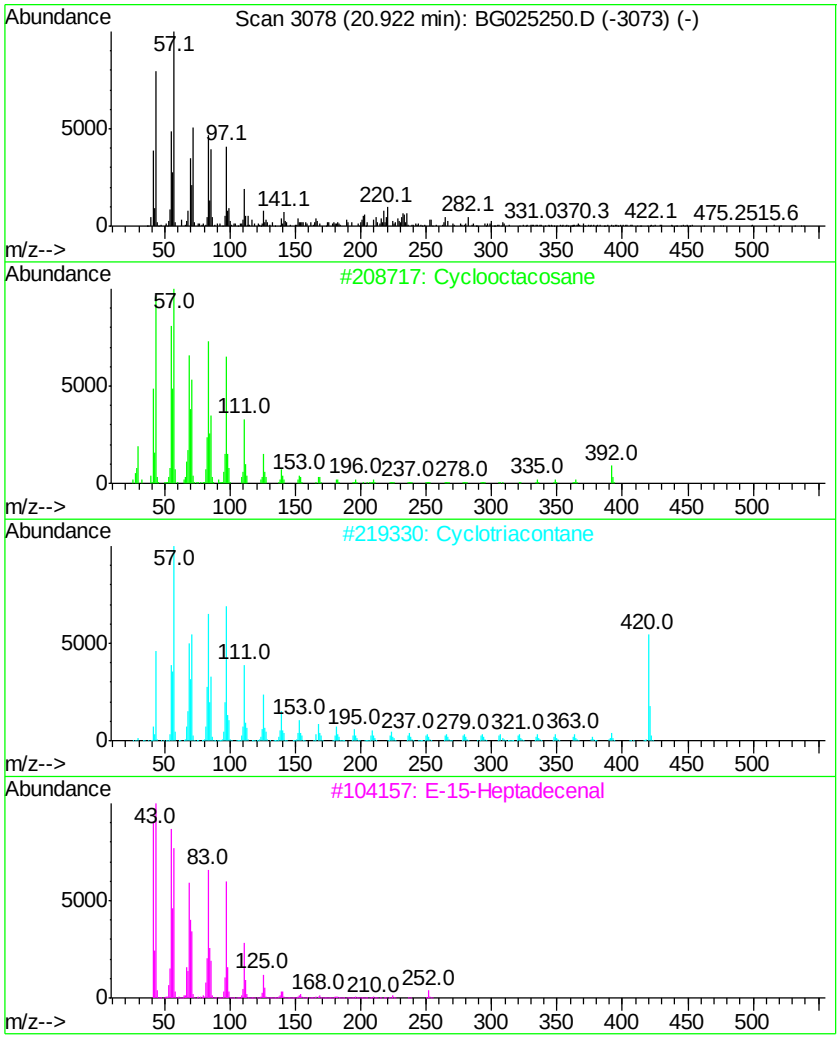
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

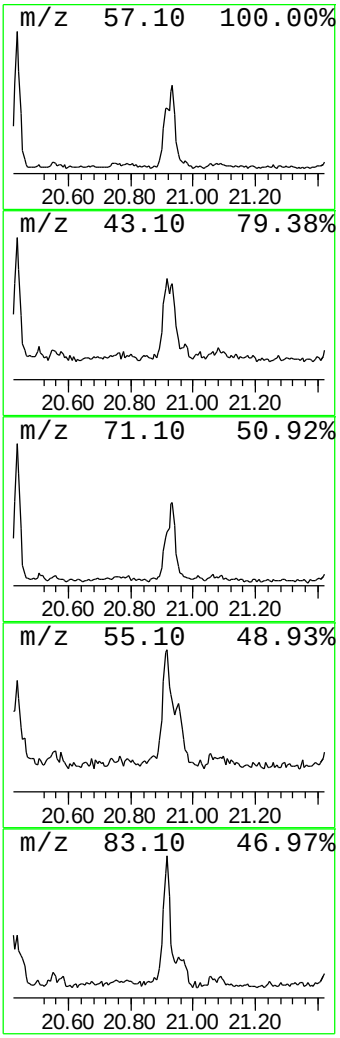
****

Peak Number 68 (DEL) Alkane: Cyclic20.92 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.92	37.79 ng/ul	2627900	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctacosane	392	C28H56	000297-24-5	91
2	Cyclotriacontane	420	C30H60	000297-35-8	89
3	E-15-Heptadecenal	252	C17H32O	1000130-97-9	76
4	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	74
5	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	70





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025250.D
Acq On : 16 Dec 2016 22:35
Operator : UM/SJ
Sample : H6040-05
Misc :
ALS Vial : 5 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, 1,2,4-tr...	7.86	15.2	ng/ul	409485	1	8.23	537704	20.0
Benzene, 1,2,3-tr...	8.34	12.3	ng/ul	330155	1	8.23	537704	20.0
Fumaric acid, myr...	8.86	17.3	ng/ul	463690	1	8.23	537704	20.0
Benzene, 1-ethyl-...	9.32	10.5	ng/ul	282702	1	8.23	537704	20.0
2-Propenal, 3-phe...	9.71	20.1	ng/ul	528522	2	11.06	526640	20.0
Benzofuran, 2-met...	9.78	39.7	ng/ul	1044420	2	11.06	526640	20.0
Benzene, (1-methy...	10.29	11.1	ng/ul	291295	2	11.06	526640	20.0
Benzene, pentyl-	10.46	44.1	ng/ul	1161550	2	11.06	526640	20.0
1H-Indene, 3-methyl-	10.56	11.7	ng/ul	309193	2	11.06	526640	20.0
unknown-01	10.89	11.0	ng/ul	288885	2	11.06	526640	20.0
(DEL) Alkane: Str...	10.98	16.7	ng/ul	440230	2	11.06	526640	20.0
1H-Inden-1-one, 2...	11.29	57.8	ng/ul	1521160	2	11.06	526640	20.0
1H-Benzimidazole,...	11.42	32.6	ng/ul	858801	2	11.06	526640	20.0
Cinnoline, 1,2-di...	11.46	72.6	ng/ul	1911520	2	11.06	526640	20.0
1H-Benzimidazole,...	11.53	19.4	ng/ul	510746	2	11.06	526640	20.0
1H-Indene-5-carbo...	11.71	12.3	ng/ul	323325	2	11.06	526640	20.0
Bicyclo[3.1.0]hex...	11.87	10.8	ng/ul	284774	2	11.06	526640	20.0
Benzene, hexyl-	12.00	13.5	ng/ul	355629	2	11.06	526640	20.0
unknown-02	12.09	21.8	ng/ul	574951	2	11.06	526640	20.0
(1-Methylbuta-1,3...	12.26	27.6	ng/ul	726601	2	11.06	526640	20.0
(DEL) Alkane: Str...	12.41	28.2	ng/ul	743604	2	11.06	526640	20.0
1H-Inden-1-one, 2...	12.58	14.7	ng/ul	388055	2	11.06	526640	20.0
unknown-03	12.83	21.0	ng/ul	552024	2	11.06	526640	20.0
2,5,6-Trimethylbe...	13.00	25.9	ng/ul	951016	3	14.86	733045	20.0
Benzo[b]thiophene...	13.05	9.5	ng/ul	347768	3	14.86	733045	20.0
Phenol, 2-methyl-	13.21	13.6	ng/ul	497503	3	14.86	733045	20.0
unknown-04	13.27	28.7	ng/ul	1052100	3	14.86	733045	20.0
Benzene, heptyl-	13.34	11.4	ng/ul	418450	3	14.86	733045	20.0
unknown-05	13.45	7.2	ng/ul	263978	3	14.86	733045	20.0
(DEL) Alkane: Str...	13.63	27.5	ng/ul	1007110	3	14.86	733045	20.0
(DEL) Alkane: Str...	14.70	22.2	ng/ul	813498	3	14.86	733045	20.0
(DEL) Alkane: Cyc...	16.73	27.2	ng/ul	1113080	4	17.60	818051	20.0
(DEL) Alkane: Str...	18.71	13.8	ng/ul	563931	4	17.60	818051	20.0
(DEL) Alkane: Str...	19.34	11.7	ng/ul	476896	4	17.60	818051	20.0
(DEL) Alkane: Cyc...	19.88	9.7	ng/ul	673013	5	21.90	1390670	20.0
(DEL) Alkane: Cyc...	20.92	37.8	ng/ul	2627900	5	21.90	1390670	20.0