LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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	9.415	1113	1119	1127	rVB2	713682	1276948	11.13%	0.660%
2	9.714	1155	1170	1175	rBV3	418888	1100238	9.59%	0.569%
3	9.779	1175	1181	1189	rVV	1045235	1878202	16.37%	0.971%
4	10.449	1287	1295	1306	rBV6	605804	2008568	17.50%	1.038%
5	10.684	1328	1335	1340	rBV2	446357	834918	7.27%	0.432%
6	11.107	1403	1407	1413	rVB	600923	996397	8.68%	0.515%
7	11.289	1433	1438	1453	rVB2	838899	2784688	24.26%	1.439%
8	11.418	1453	1460	1463	rBV	851633	1612045	14.05%	0.833%
9	11.459	1463	1467	1474	rVB	1748624	3107305	27.07%	1.606%
10	11.524	1474	1478	1484	rVB	538525	895896	7.81%	0.463%
11	12.082	1564	1573	1577	rBV7	320697	993979	8.66%	0.514%
12	12.253	1594	1602	1608	rVB3	505367	1279059	11.14%	0.661%
13	12.411	1624	1629	1641	rVB4	629576	1316836	11.47%	0.681%
14	12.599	1651	1661	1667	rVV6	424117	1323571	11.53%	0.684%
15	12.699	1673	1678	1682	rVV	1575246	2790048	24.31%	1.442%
16	12.740	1682	1685	1688	rVV	1058219	1602012	13.96%	0.828%
17	12.776	1688	1691	1695	rVV	622761	1219072	10.62%	0.630%
18	12.823	1695	1699	1703	rVV2	889917	1993966	17.37%	1.031%
19	12.858	1703	1705	1710	rVV2	789745	1229463	10.71%	0.636%
20	12.917	1710	1715	1722	rVB	1377161	2308353	20.11%	1.193%
21	13.005	1722	1730	1734	rBV	920443	1825799	15.91%	0.944%
22	13.046	1734	1737	1741	rVV2	772006	1292225	11.26%	0.668%
23	13.093	1741	1745	1758	rVB9	575837	1643216	14.32%	0.849%
24	13.210	1759	1765	1769	rBV5	550841	848881	7.40%	0.439%
25	13.263	1769	1774	1783	rBV7	800422	1957136	17.05%	1.012%
26	13.340	1783	1787	1792	rVV2	588115	1109847	9.67%	0.574%
27	13.539	1815	1821	1824	rBV	453066	1082739	9.43%	0.560%
28	13.575	1824	1827	1831	rVV2	583099	917801	8.00%	0.474%
29	13.633	1831	1837	1843	rVB5	780282	1495992	13.04%	0.773%
30	13.886	1876	1880	1888	rVV4	589422	1436077	12.51%	0.742%
31	14.039	1895	1906	1918	rBV6	1234909	4045879	35.25%	2.091%
32	14.180	1924	1930	1934	rBV2	1404550	2524180	21.99%	1.305%
33	14.233	1934	1939	1946	rVB3	1727126	3481828	30.34%	1.800%
34	14.350	1953	1959	1963	rBV5	528597	1157549	10.09%	0.598%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

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

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

35	14.568	1987	1996	2002	rBV5	941899	2912604	25.38%	1.506%
36	14.697	2010	2018	2025	rBV5	574352	1418928	12.36%	0.733%
37	14.814	2033	2038	2042	rBV2	935102	1360811	11.86%	0.703%
38	14.891	2048	2051	2055	rVB5	748525	862434	7.51%	0.446%
39	15.149	2091	2095	2099	rBV5	540509	829970	7.23%	0.429%
40	15.231	2105	2109	2117	rBV5	1067475	2247511	19.58%	1.162%
41	15.320	2118	2124	2127	rBV2	597960	938546	8.18%	0.485%
42	15.461	2142	2148	2153	rBV4	768844	1882016	16.40%	0.973%
43	15.514	2153	2157	2166	rVB4	1295717	2515066	21.91%	1.300%
44	15.613	2166	2174	2182	rBV2	1746036	5031659	43.84%	2.601%
45	15.696	2183	2188	2191	rVB4	561748	1040165	9.06%	0.538%
46	15.743	2191	2196	2200	rBV5	647562	1056024	9.20%	0.546%
47	15.801	2200	2206	2209	rBV7	465213	1088768	9.49%	0.563%
48	15.848	2210	2214	2216	rVV	747574	961719	8.38%	0.497%
49	15.884	2216	2220	2228	rVB2	1498259	3467973	30.22%	1.793%
50	16.301	2285	2291	2293	rBV2	712767	1241677	10.82%	0.642%
51	16.454	2310	2317	2321	rBV6	897075	1998573	17.41%	1.033%
52	16.506	2321	2326	2330	rBV3	1339923	2233398	19.46%	1.155%
53	16.548	2330	2333	2341	rVB3	1068572	1804214	15.72%	0.933%
54	16.724	2355	2363	2368	rVB4	1605428	3217920	28.04%	1.663%
55	16.806	2371	2377	2383	rVB6	948572	2213136	19.28%	1.144%
56	16.900	2384	2393	2397	rBV7	1137547	3070967	26.76%	1.587%
57	16.953	2398	2402	2408	rVB5	1050677	1837583	16.01%	0.950%
58	17.088	2416	2425	2428	rBV5	587378	1969447	17.16%	1.018%
59	17.123	2429	2431	2437	rVB3	825434	1432228	12.48%	0.740%
60	17.294	2456	2460	2463	rVB2	775678	915065	7.97%	0.473%
61	17.441	2480	2485	2491	rVB	1168471	1937384	16.88%	1.001%
62	17.605	2509	2513	2517	rVB3	799239	1054973	9.19%	0.545%
63	17.652	2517	2521	2525	rBV	693853	1132530	9.87%	0.585%
64	17.699	2525	2529	2537	rVB5	521237	1198755	10.45%	0.620%
65	17.781	2538	2543	2548	rVB6	586910	1351986	11.78%	0.699%
66	18.028	2581	2585	2592	rVB3	1243091	1947645	16.97%	1.007%
67	18.246	2615	2622	2625	rBV5	531008	1081905	9.43%	0.559%
68	18.445	2651	2656	2664	rBV4	1347282	2404982	20.96%	1.243%
69	18.522	2666	2669	2678	rVB3	835908	1463578	12.75%	0.757%
70	18.604	2679	2683	2687	rBV3	574030	906654	7.90%	0.469%
71	18.680	2688	2696	2699	rVV5	1169317	2379718	20.74%	1.230%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

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

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

72	18.716	2699	2702	2706	rVB2	1233872	1421667	12.39%	0.735%
73	19.180	2776	2781	2788	rBV6	665808	1491914	13.00%	0.771%
74	19.338	2805	2808	2811	rBV2	1298827	1339621	11.67%	0.692%
75	19.591	2843	2851	2855	rBV7	858740	2310547	20.13%	1.194%
76	19.826	2886	2891	2898	rBV3	1332988	3306580	28.81%	1.709%
77	19.885	2898	2901	2903	rVV	1600025	1962518	17.10%	1.014%
78	19.914	2903	2906	2912	rVB3	1910963	2590266	22.57%	1.339%
79	19.985	2913	2918	2921	rBV2	1394482	2142830	18.67%	1.108%
80	20.437	2988	2995	3002	rBV2	1897669	3476072	30.29%	1.797%
81	20.555	3011	3015	3018	rBV2	662103	950173	8.28%	0.491%
82	20.913	3072	3076	3091	rVB2	1989864	5451656	47.50%	2.818%
83	21.459	3161	3169	3179	rVB2	1320643	3029051	26.39%	1.566%
84	21.906	3240	3245	3251	rVB	979327	1715213	14.95%	0.887%
85	22.000	3257	3261	3271	rBV2	742301	1382139	12.04%	0.714%
86	22.687	3374	3378	3386	rVB5	572308	960948	8.37%	0.497%
87	22.870	3404	3409	3417	rVB2	934542	2001758	17.44%	1.035%
88	23.346	3486	3490	3502	rVB4	1371797	3331333	29.03%	1.722%
89	25.108	3782	3790	3798	rVB2	717099	2226402	19.40%	1.151%
90	25.343	3822	3830	3841	rVB3	620670	1920995	16.74%	0.993%
91	25.907	3918	3926	3941	rVB5	829920	2646820	23.06%	1.368%
92	26.360	3995	4003	4015	rVB8	586668	2027071	17.66%	1.048%
93	26.559	4028	4037	4047	rVB5	985617	3035419	26.45%	1.569%
94	26.689	4053	4059	4068	rVB5	346771	1118378	9.74%	0.578%
95	26.806	4071	4079	4088	rVB4	436761	1392588	12.13%	0.720%
96	27.118	4122	4132	4133	rBV9	436625	1191496	10.38%	0.616%
97	27.200	4135	4146	4162	rVB5	2812869	11476665	100.00%	5.933%
98	28.898	4431	4435	4453	rVB5	454852	1696719	14.78%	0.877%
99	30.584	4719	4722	4742	rVB5	281499	1212675	10.57%	0.627%
100	30.919	4771	4779	4790	rVB5	226939	861322	7.50%	0.445%

Sum of corrected areas: 193450061

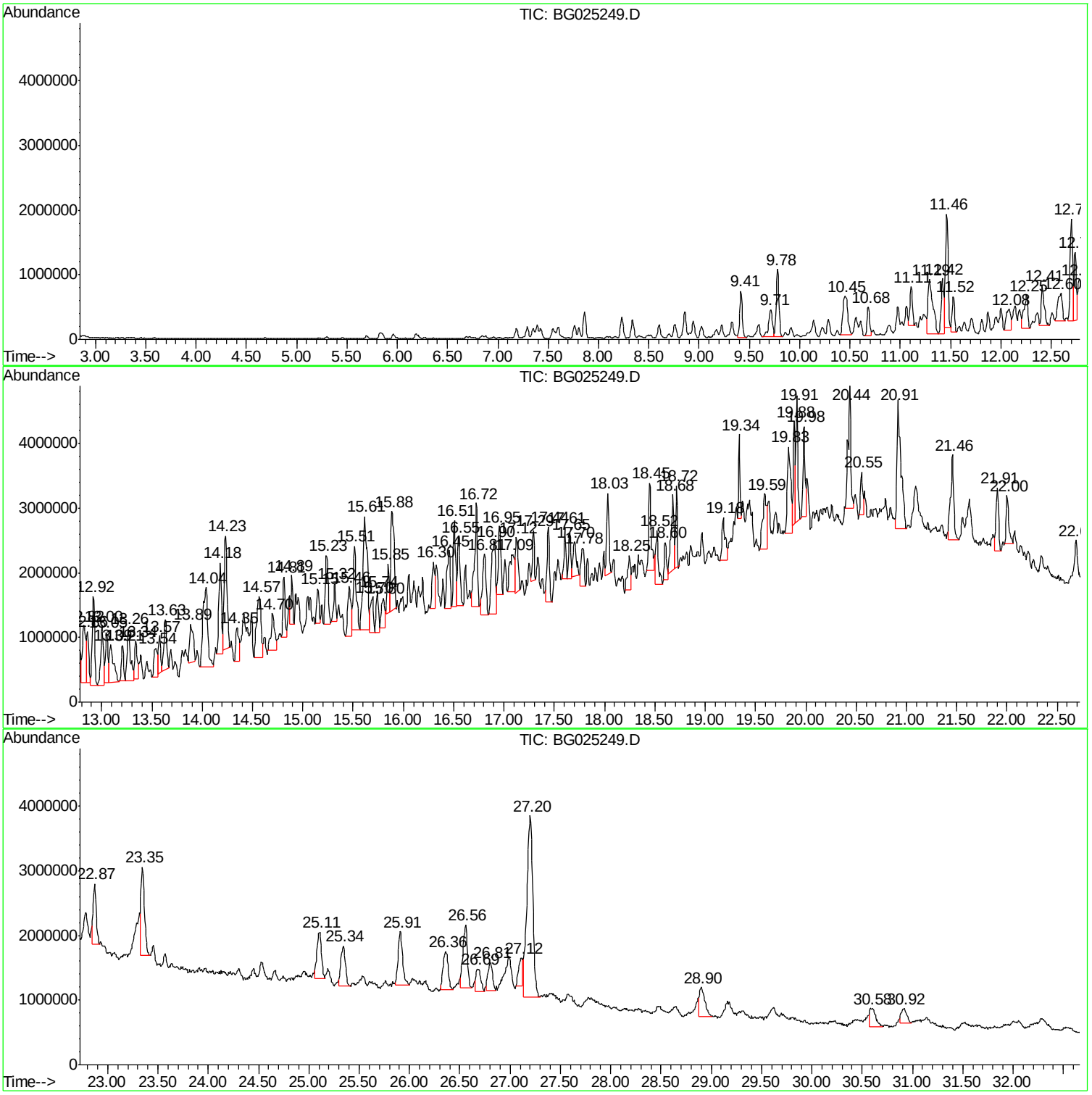
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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 : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

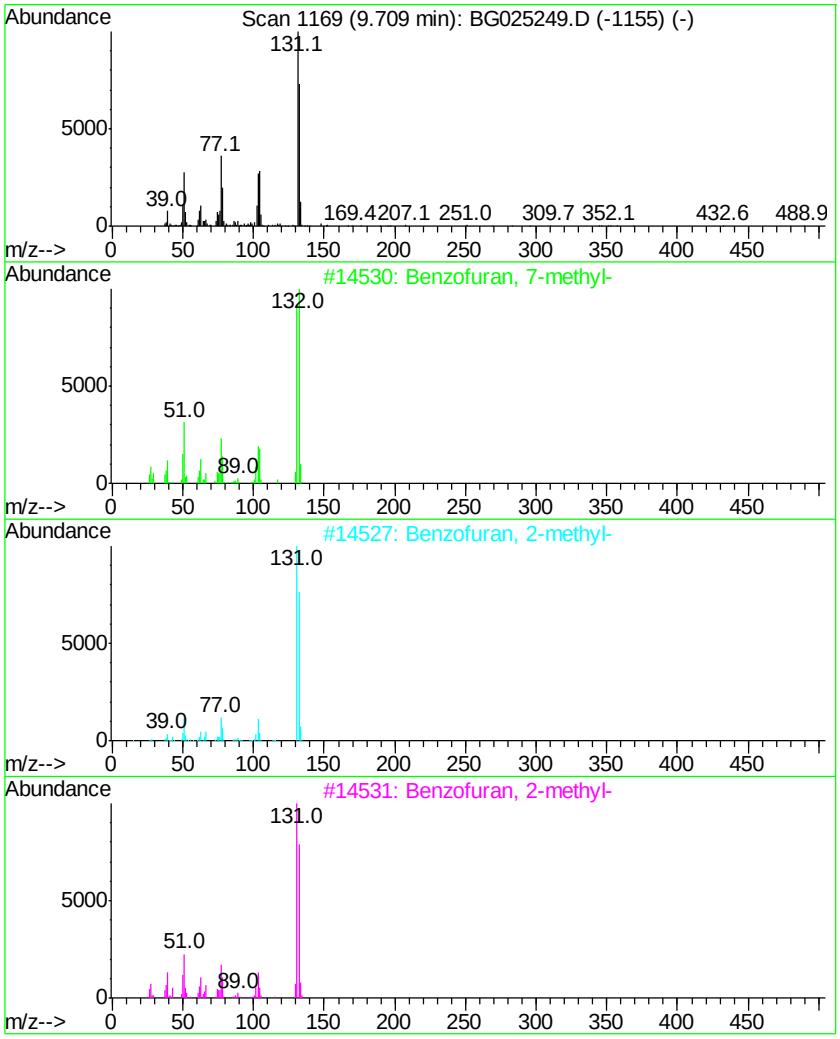
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

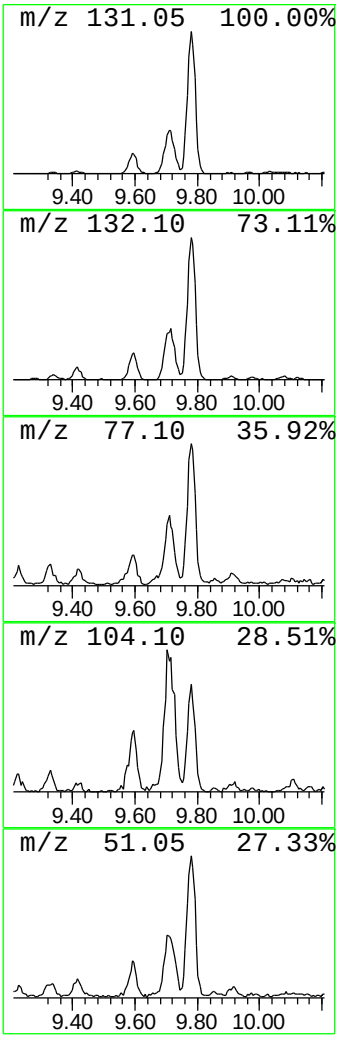
****

Peak Number 1 Benzofuran, 7-methyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	22.08 ng/ul	1100240	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	93
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

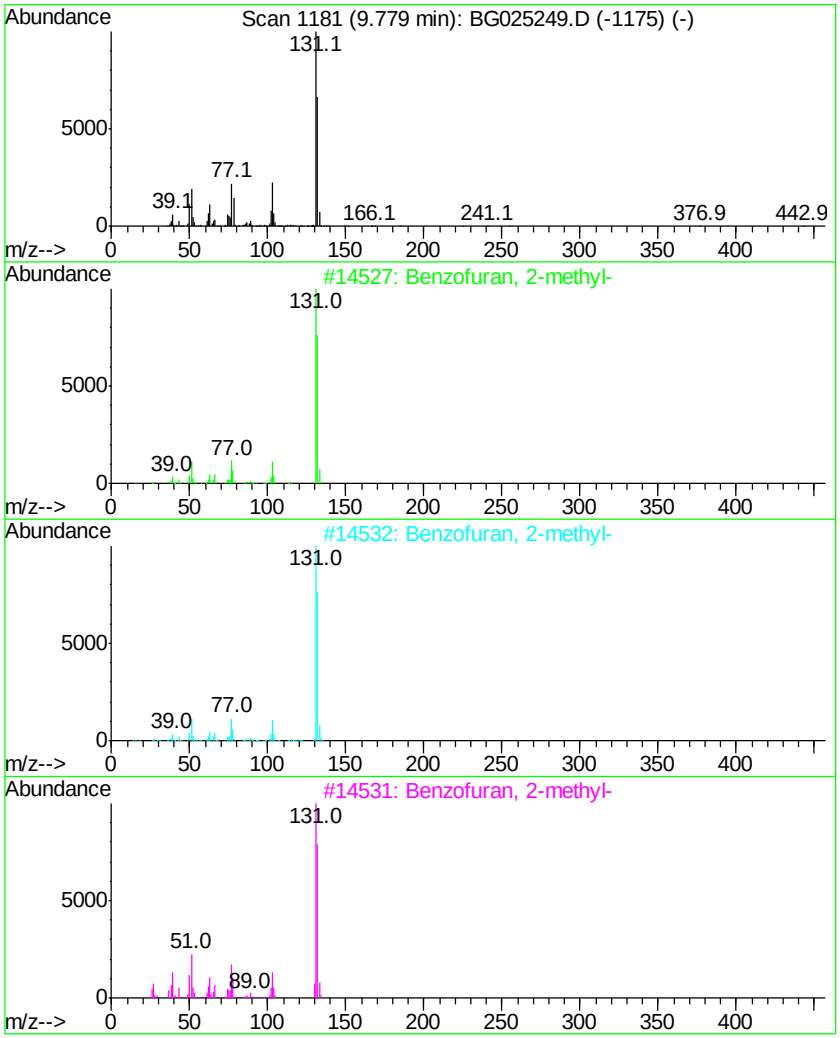
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

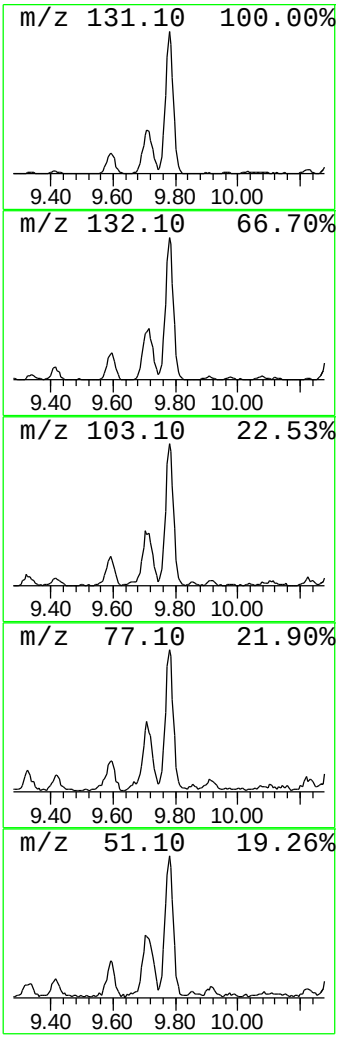
****

Peak Number 2 Benzofuran, 2-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	37.70 ng/ul	1878200	Naphthalene-d8	11.06

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

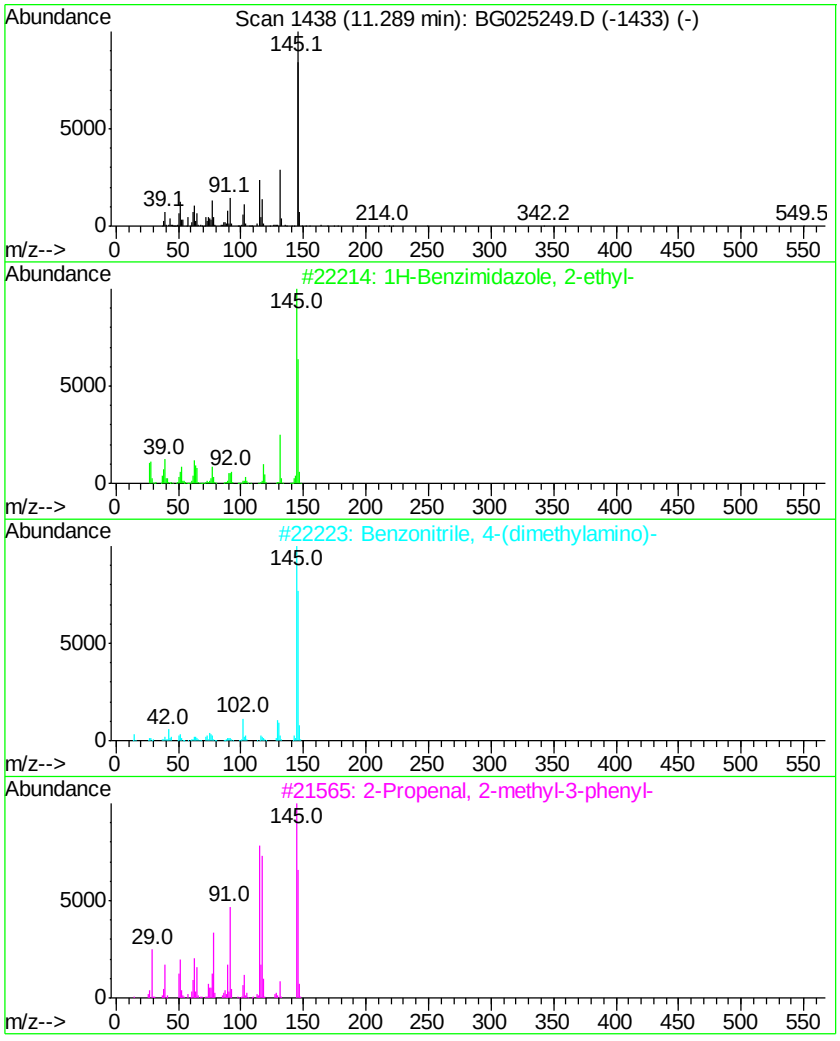
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

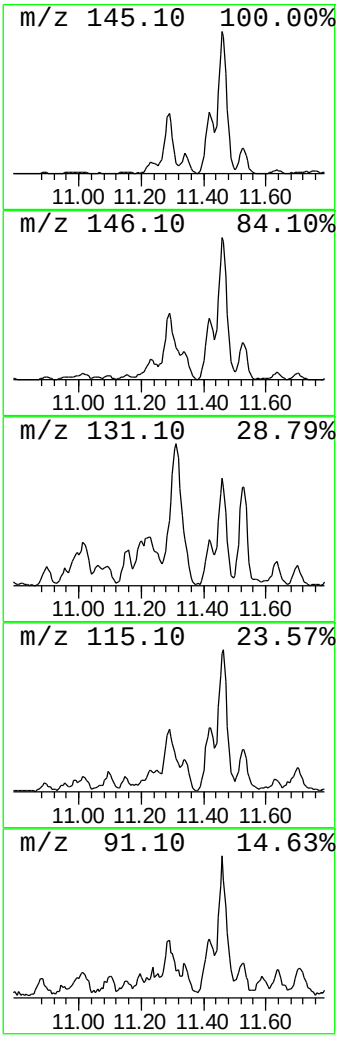
****

Peak Number 3 1H-Benzimidazole, 2-ethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	55.90 ng/ul	2784690	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	50
4	Benzofuran-2-carboxaldehyde	146	C9H6O2	004265-16-1	50
5	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

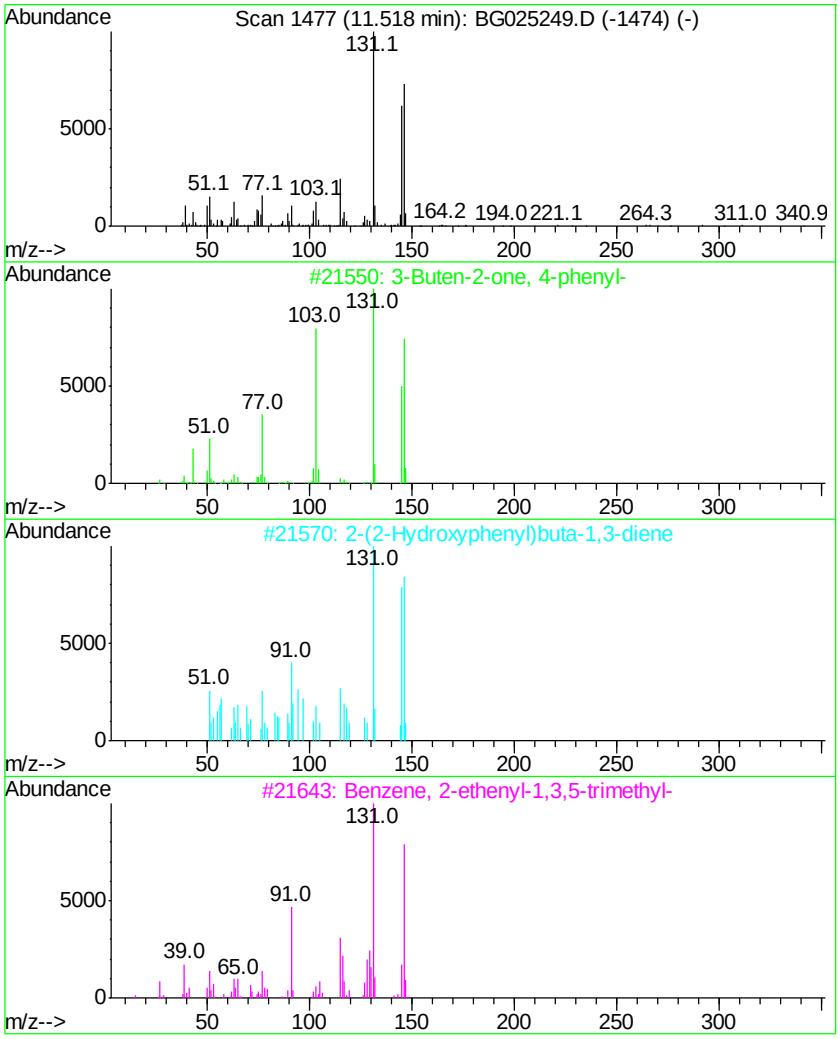
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

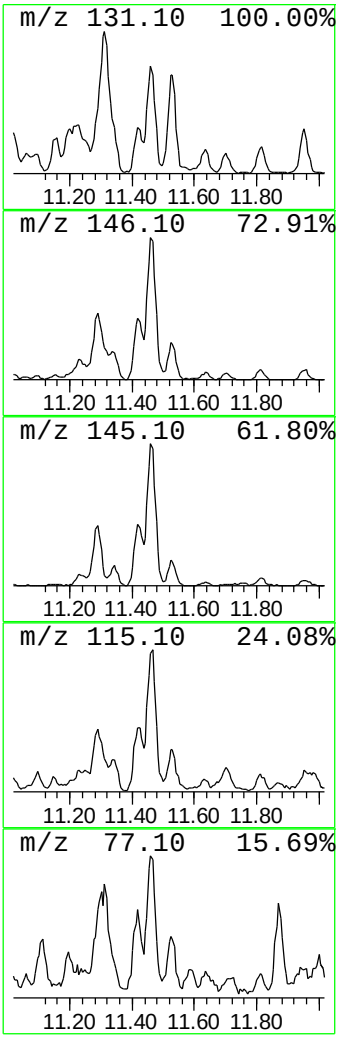
****

Peak Number 6 3-Buten-2-one, 4-phenyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	17.98 ng/ul	895896	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	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	78
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	72
4	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	72
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

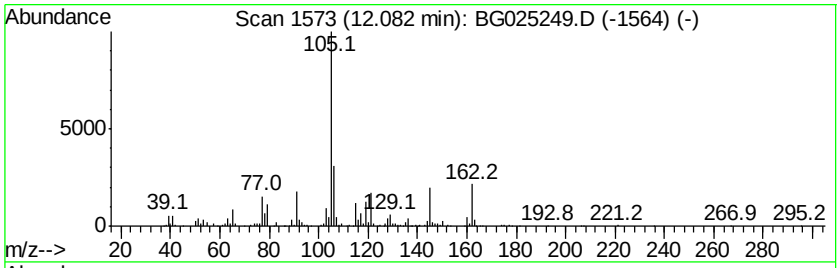
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

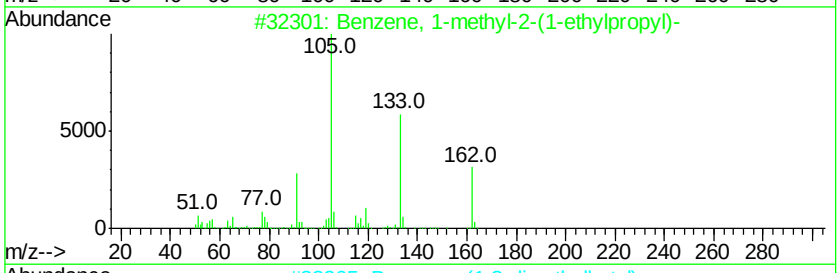
****

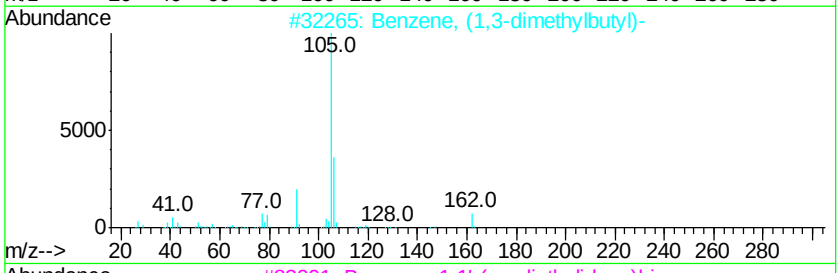
Peak Number 7 unknown-01 Concentration Rank 63

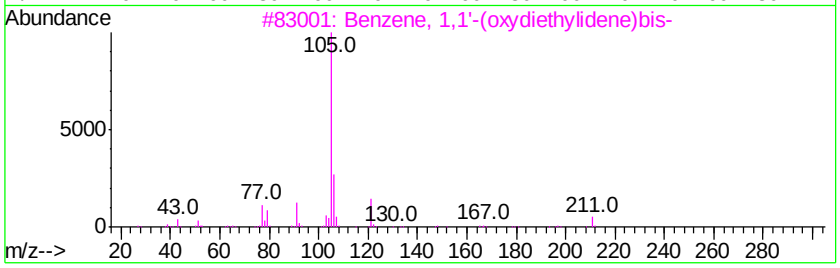
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	19.95 ng/ul	993979	Naphthalene-d8	11.06

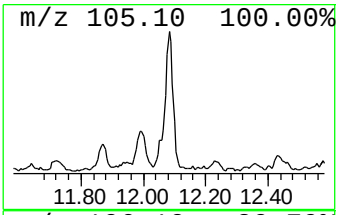
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	41
2	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	38
3	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	35
4	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	30
5	Benzeneethanol, .beta.-methyl-	136	C9H12O	001123-85-9	27

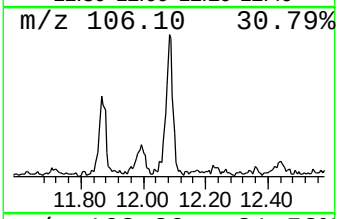


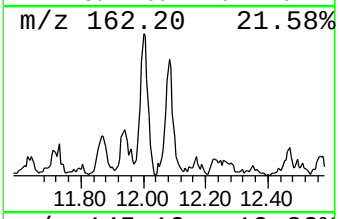


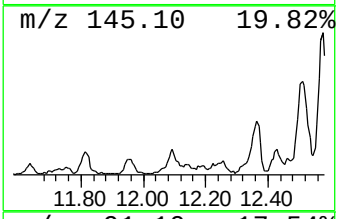


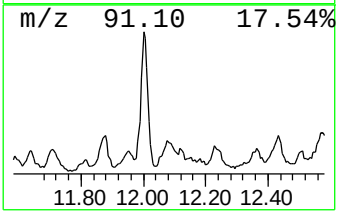












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Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

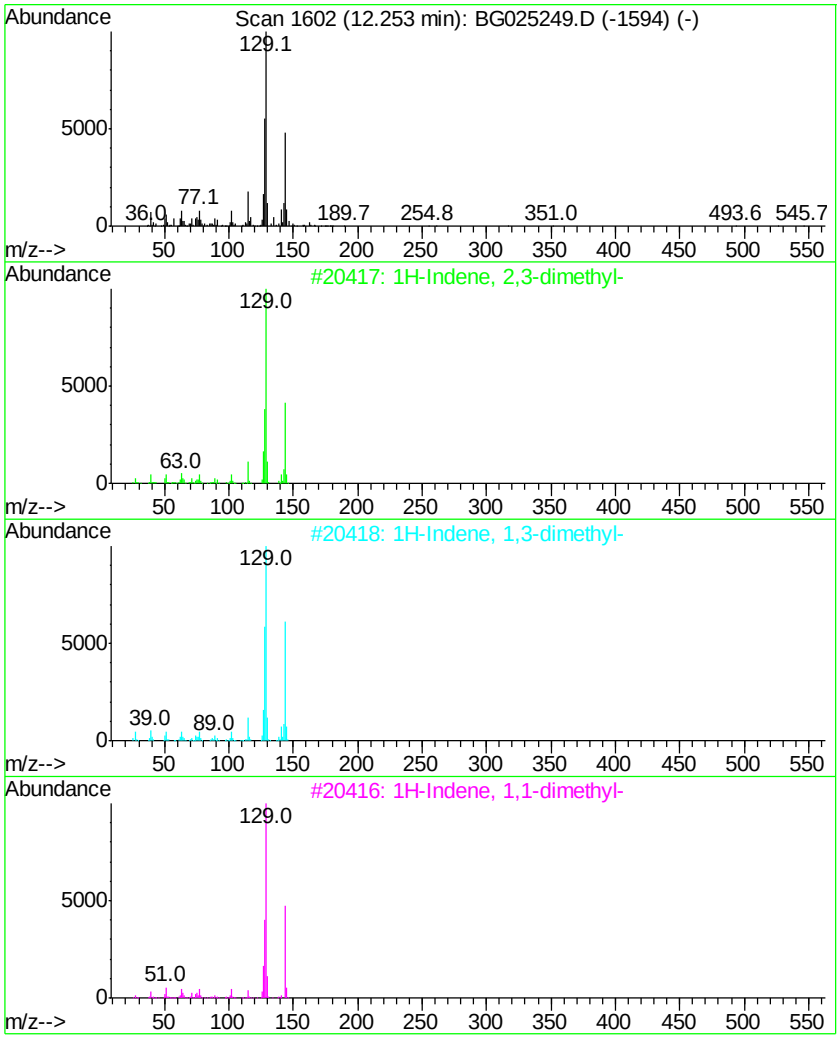
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

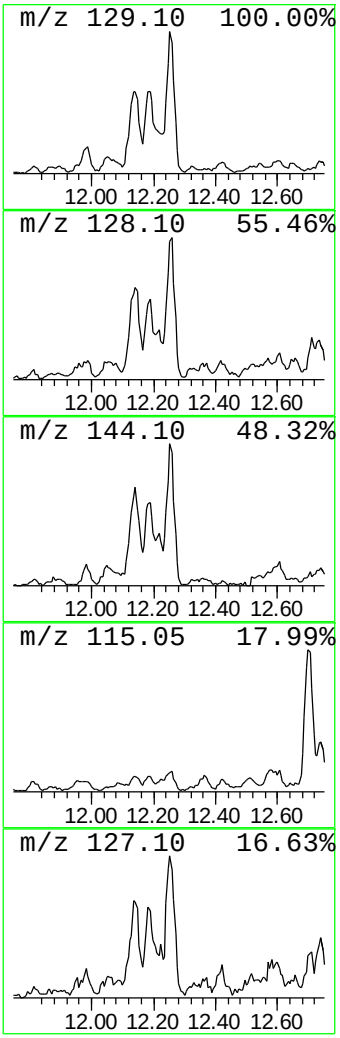
****

Peak Number 8 1H-Indene, 2,3-dimethyl- Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	25.67 ng/ul	1279060	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	96
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	95
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
4	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	90
5	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87





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Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

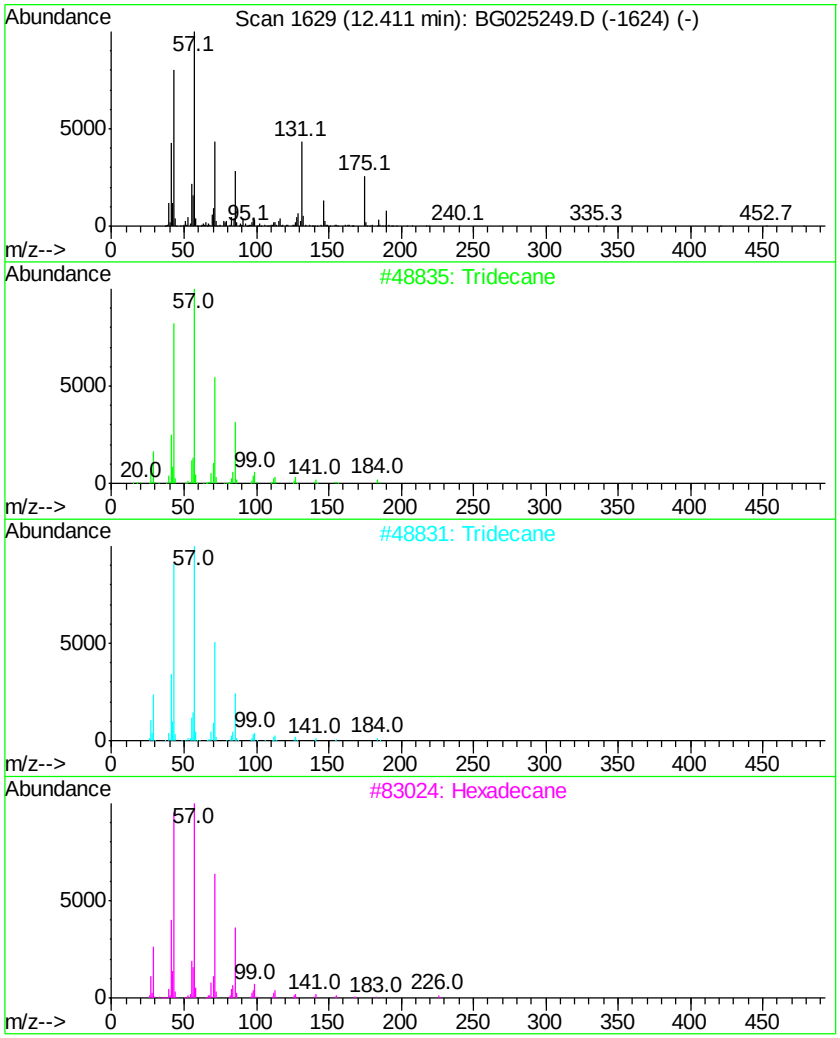
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

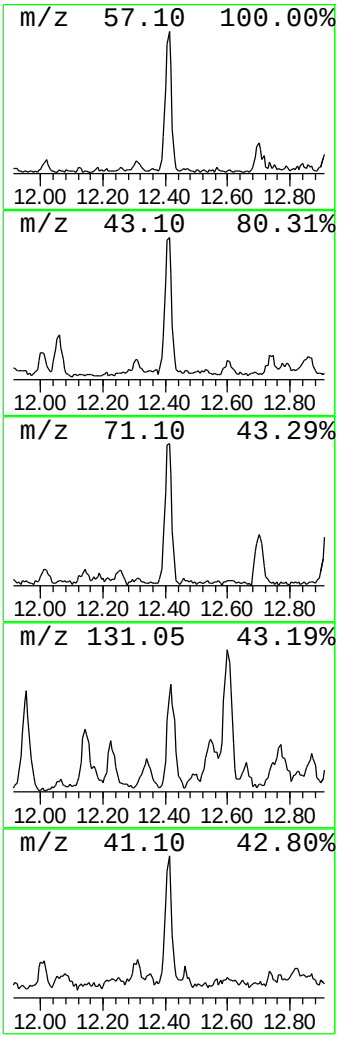
****

Peak Number 9 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	26.43 ng/ul	1316840	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	38
2	Tridecane	184	C13H28	000629-50-5	38
3	Hexadecane	226	C16H34	000544-76-3	35
4	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	27
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

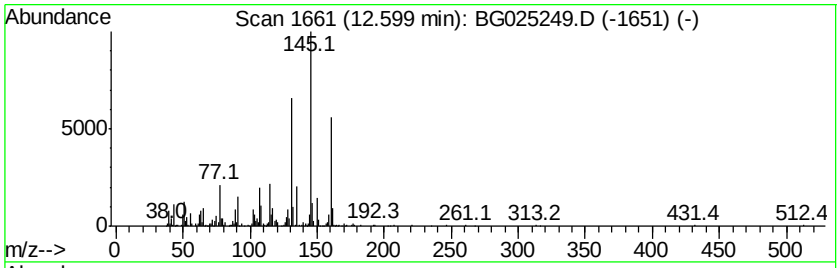
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

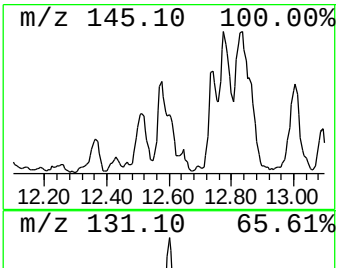
****

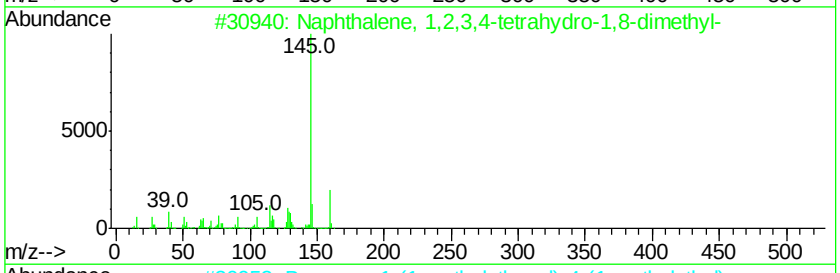
Peak Number 10 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 45

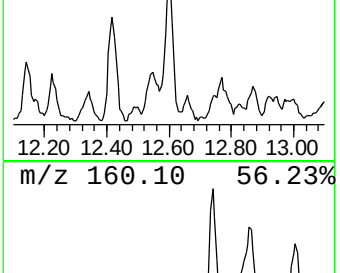
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	26.57 ng/ul	1323570	Naphthalene-d8	11.06

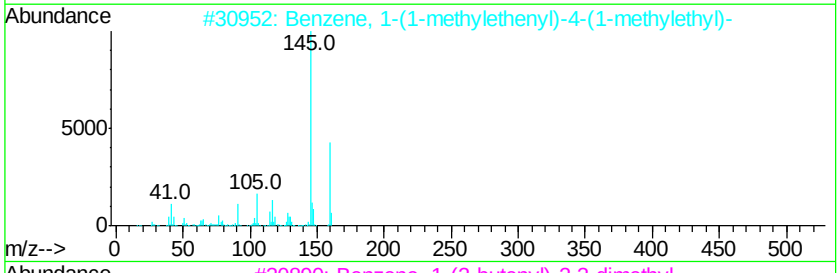
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	55
2	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	55
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	53
4	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	53
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	49

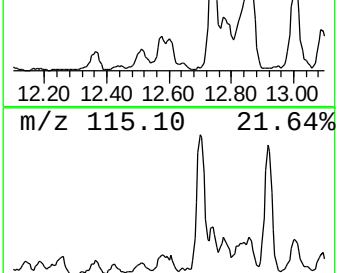


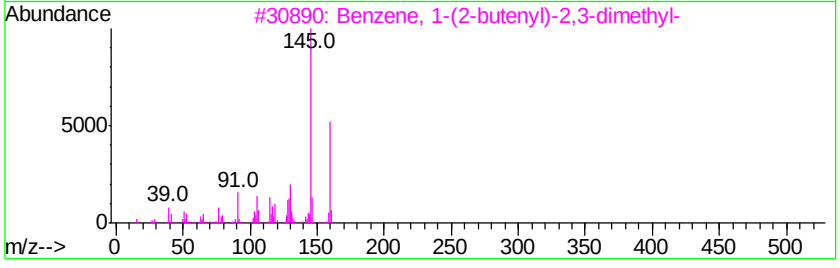


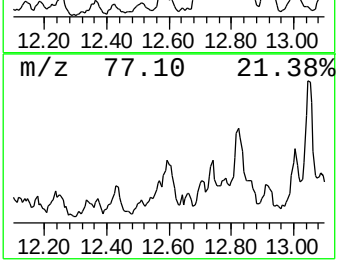












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

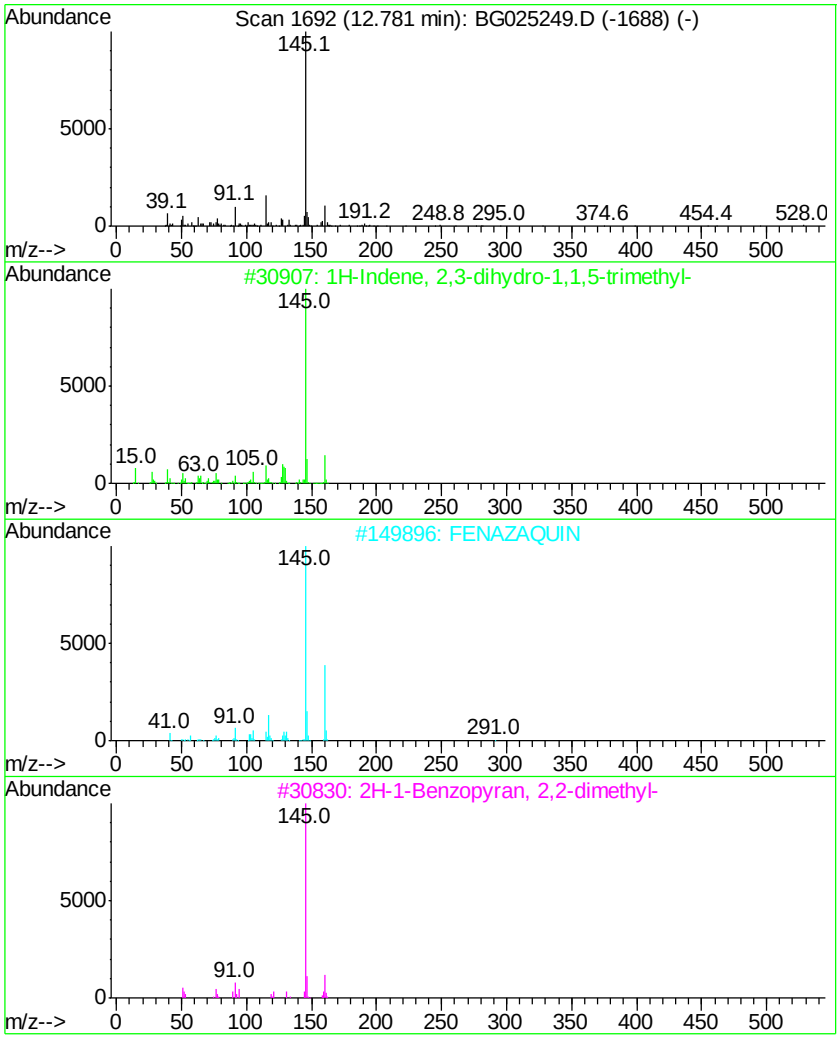
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

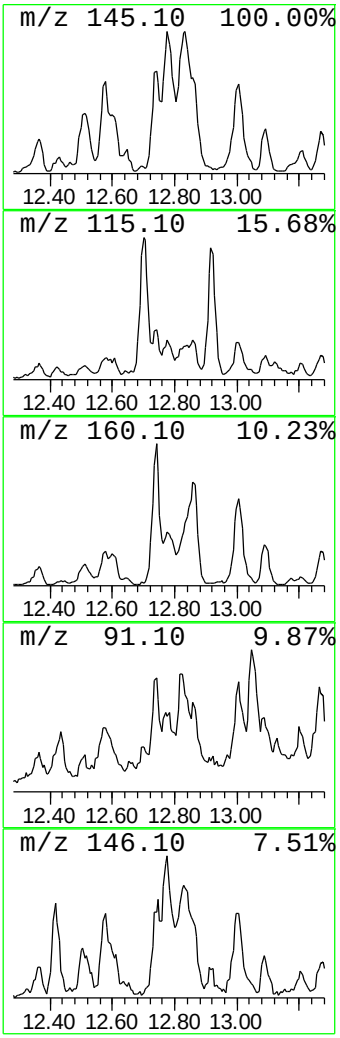
****

Peak Number 11 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	24.47 ng/ul	1219070	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	59
2	FENAZAQUIN	306	C20H22N2O	120928-09-8	59
3	2H-1-Benzopyran, 2,2-dimethyl-	160	C11H12O	002513-25-9	53
4	1H-Indene, 2,3-dihydro-1,1,6-tri...	160	C12H16	014276-95-0	52
5	N-[5-(4-Fluorobenzyl)thiazol-2-y...	352	C20H17FN2OS	1000306-74-2	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

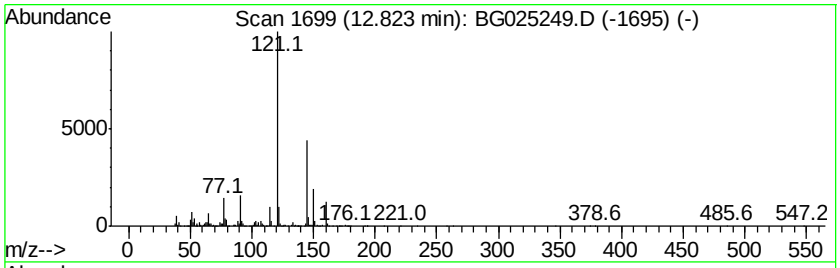
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

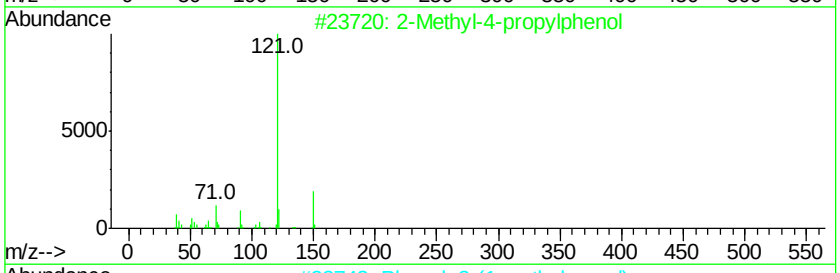
****

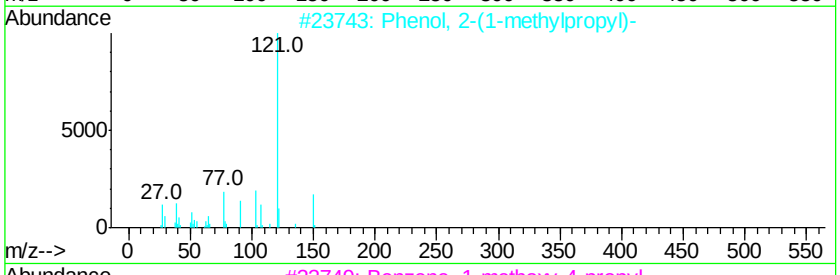
Peak Number 12 2-Methyl-4-propylphenol Concentration Rank 21

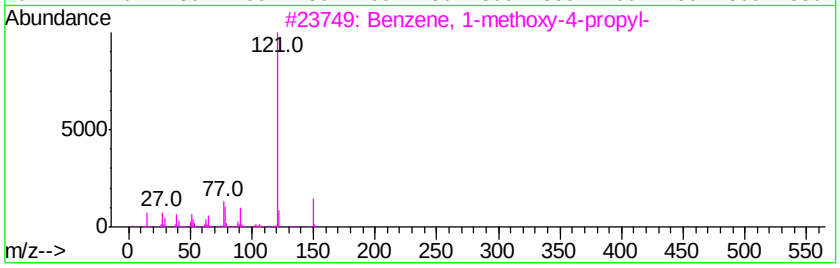
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	40.02 ng/ul	1993970	Naphthalene-d8	11.06

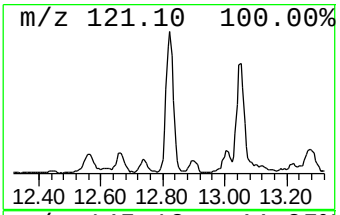
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	53
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	52
3	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	52
4	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	52
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	52

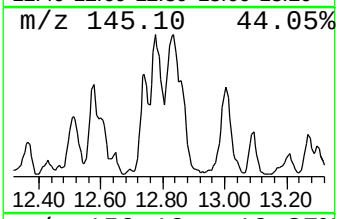


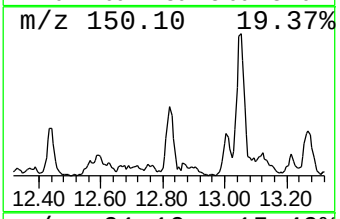


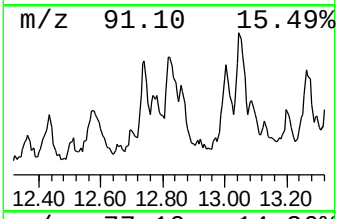


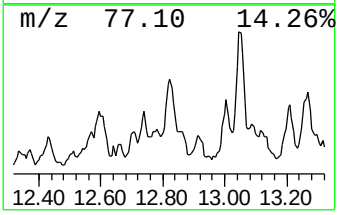












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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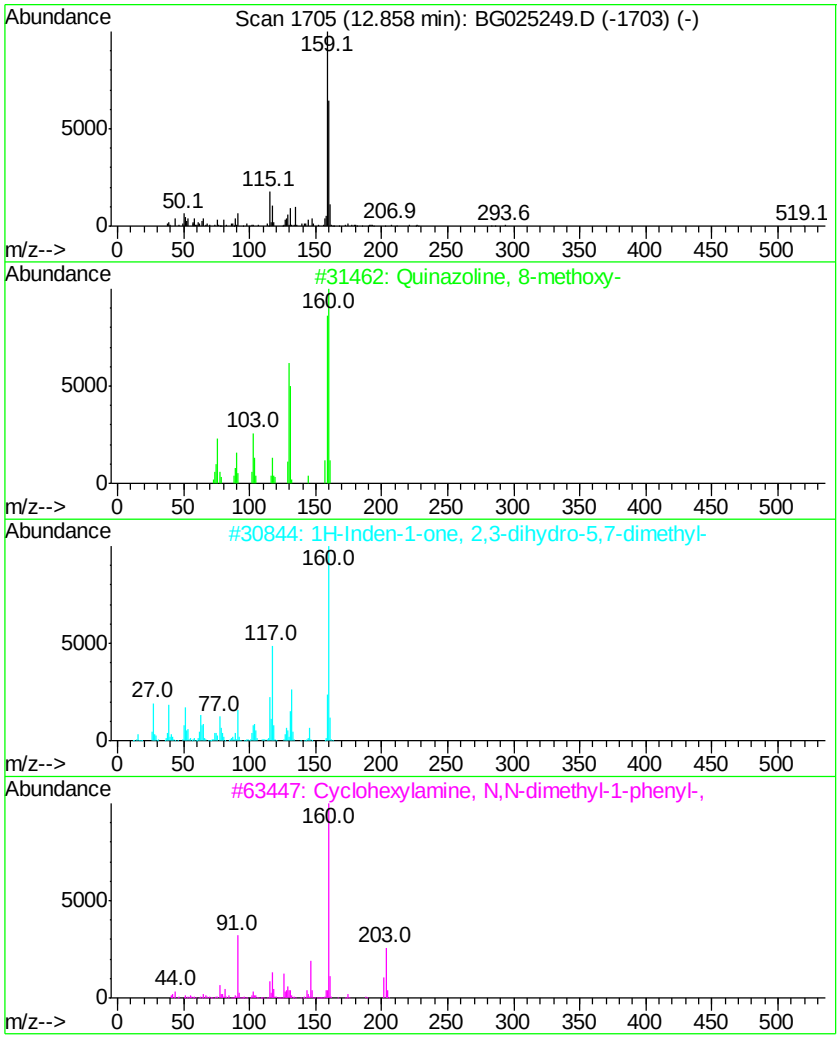
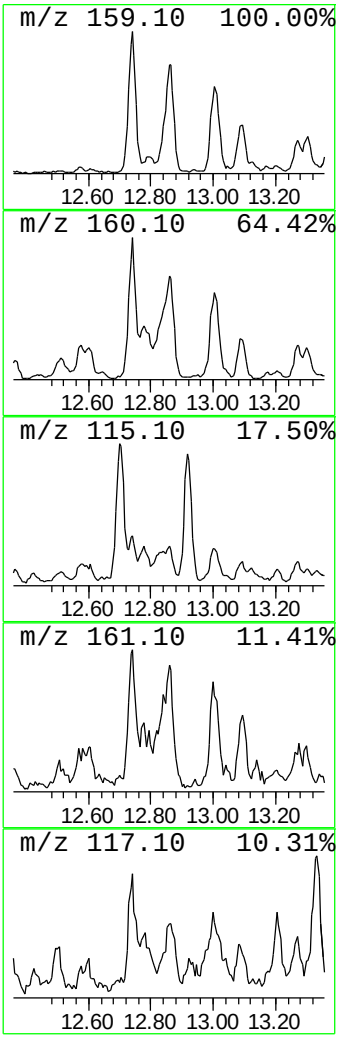
Peak Number 13 unknown-02 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.86	24.68 ng/ul	1229460	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinazoline, 8-methoxy-	160	C9H8N2O	007557-01-9	37
2	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	27
3	Cyclohexylamine, N,N-dimethyl-1-...	203	C14H21N	002201-17-4	22
4	N-(-phenylisopropyl)benzylmethyl...	251	C18H21N	1000379-01-4	22
5	1-Benzosuberone	160	C11H12O	000826-73-3	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
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Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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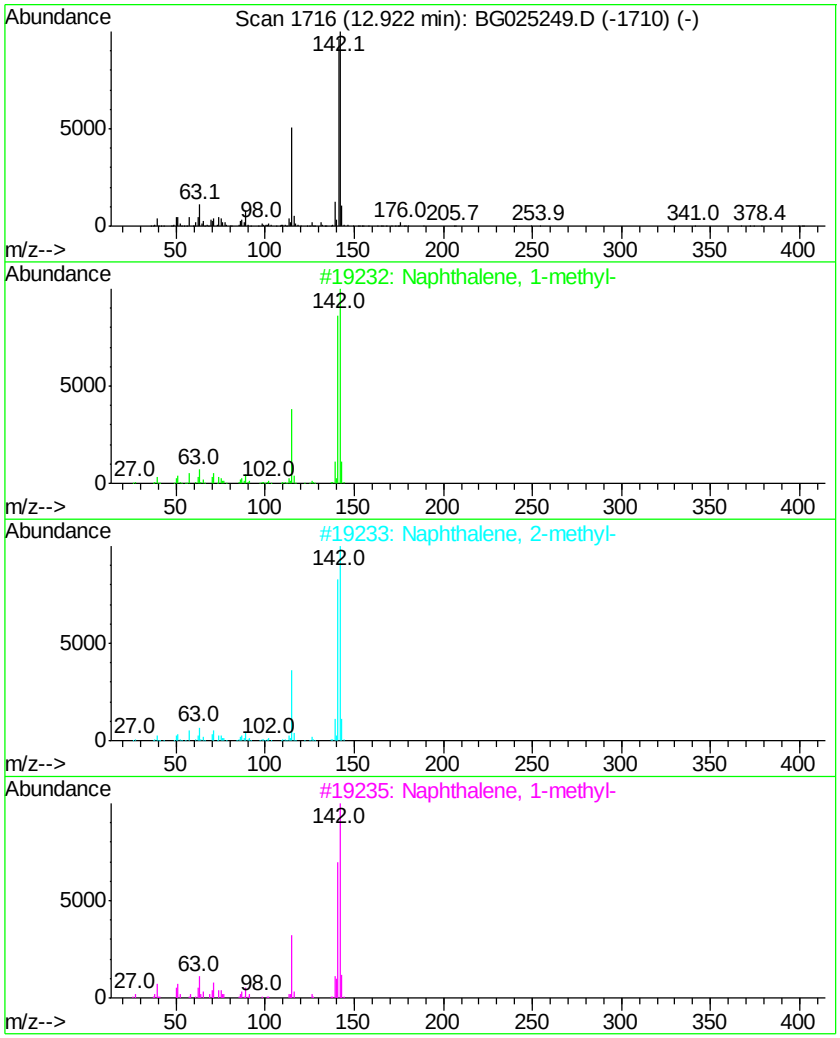
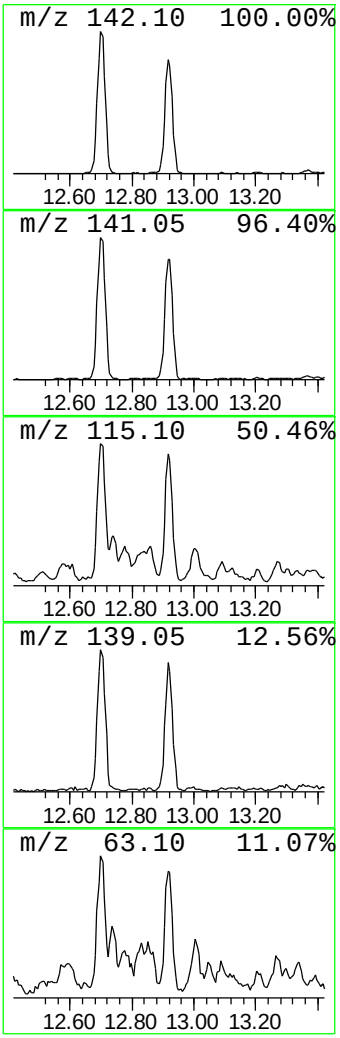
Peak Number 14 Naphthalene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	46.33 ng/ul	2308350	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	95
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91





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Data File : BG025249.D
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Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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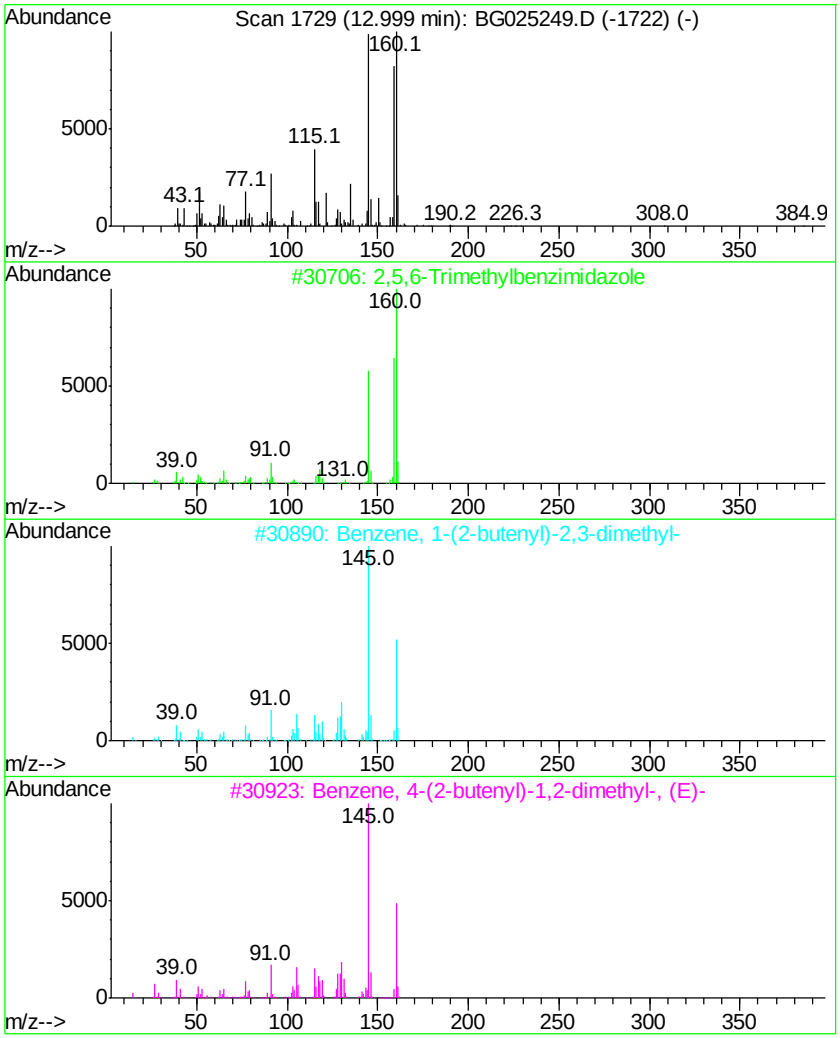
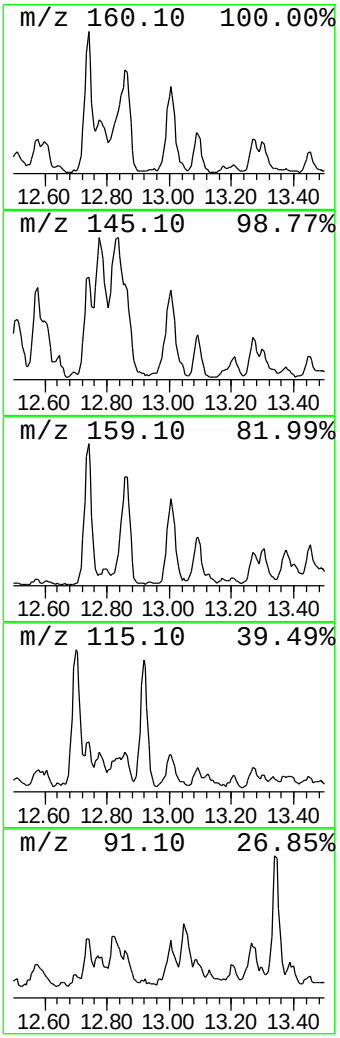
Peak Number 15 2,5,6-Trimethylbenzimidazole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	42.34 ng/ul	1825800	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	87
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	46
4	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	46
5	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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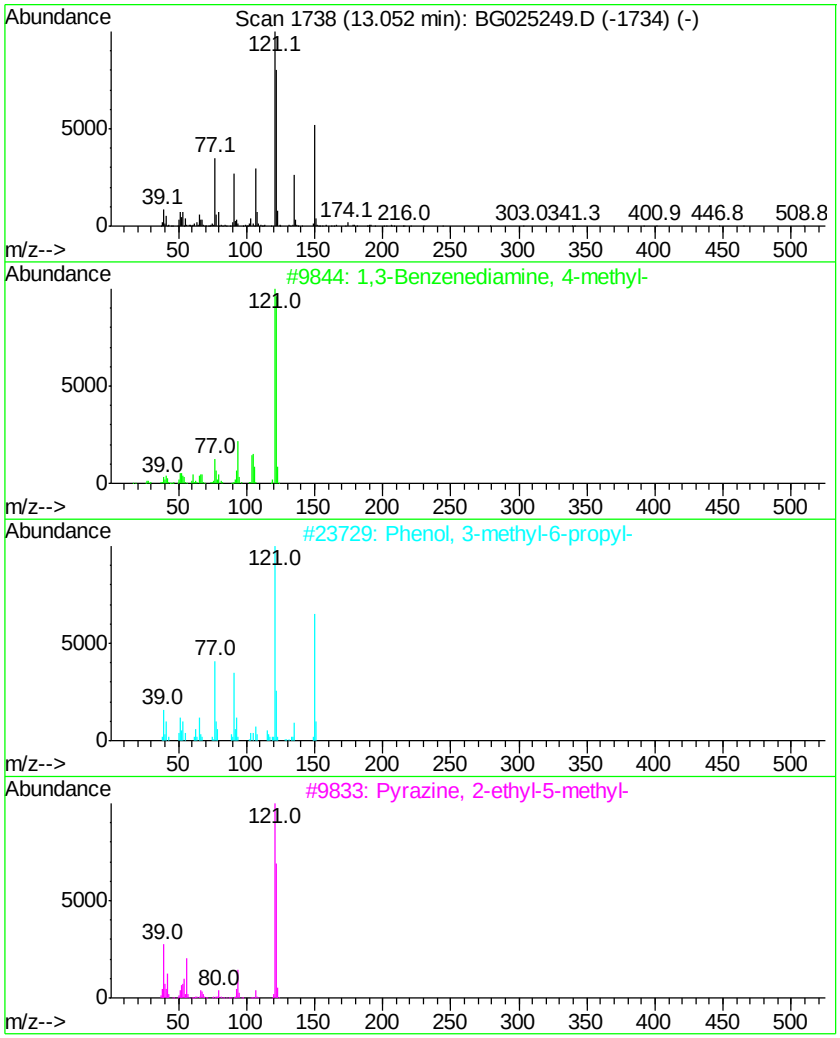
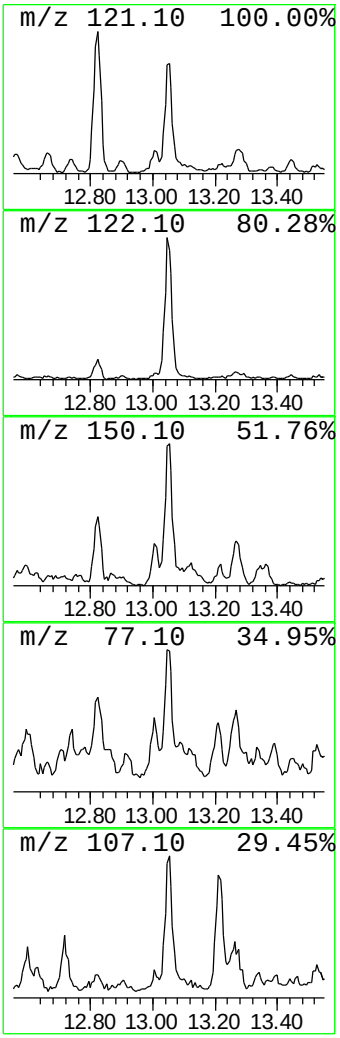
Peak Number 16 1,3-Benzenediamine, 4-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.05	29.97 ng/ul	1292230	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediamine, 4-methyl-	122	C7H10N2	000095-80-7	50
2	Phenol, 3-methyl-6-propyl-	150	C10H14O	031143-55-2	49
3	Pyrazine, 2-ethyl-5-methyl-	122	C7H10N2	013360-64-0	47
4	1,3-Benzodioxole	122	C7H6O2	000274-09-9	47
5	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	47





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Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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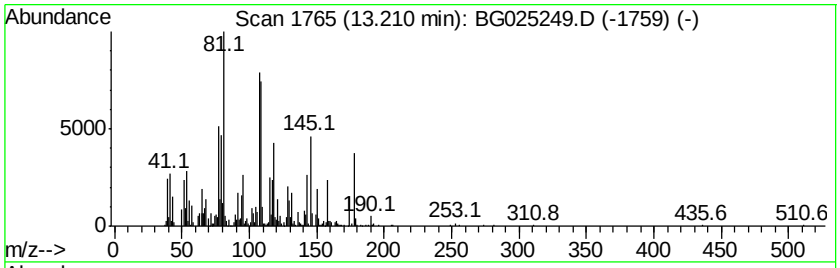
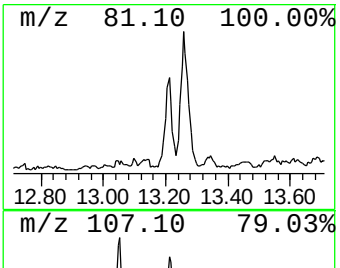
Peak Number 18 unknown-03 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	19.69 ng/ul	848881	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methyl-	108	C7H8O	000095-48-7	38
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	38
3	Phenol, 3-methyl-	108	C7H8O	000108-39-4	38
4	Silane, phenyl-	108	C6H8Si	000694-53-1	30
5	p-Cresol	108	C7H8O	000106-44-5	30





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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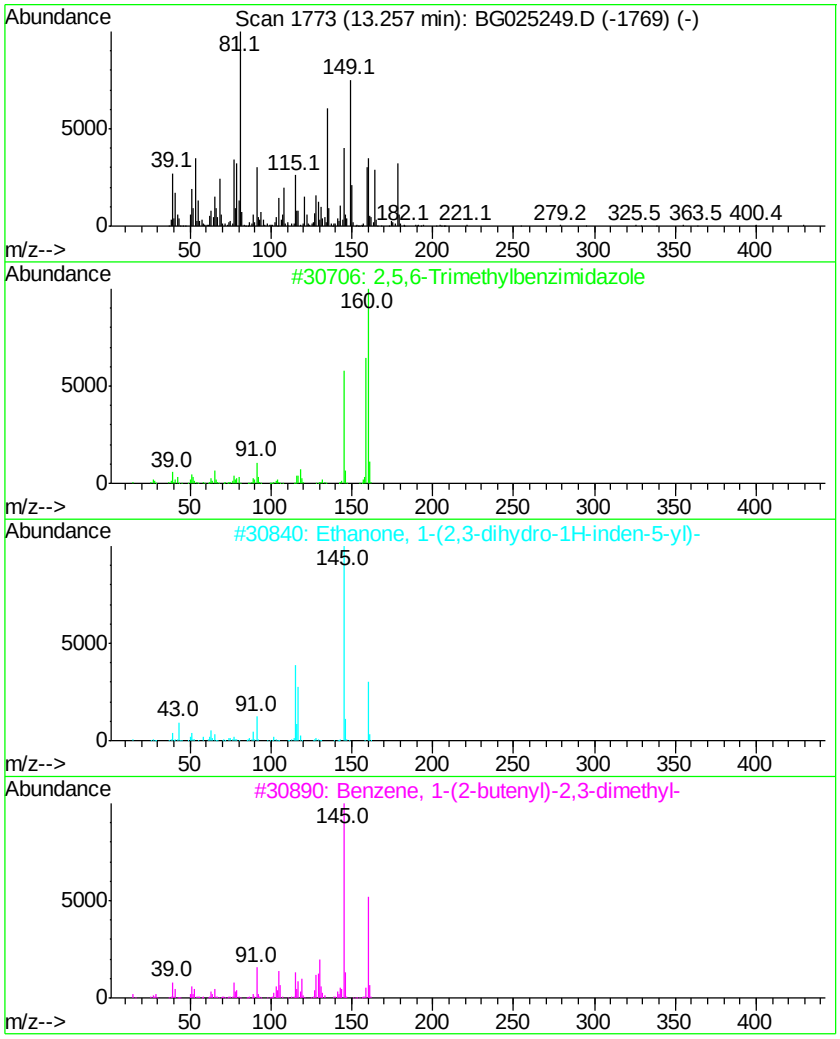
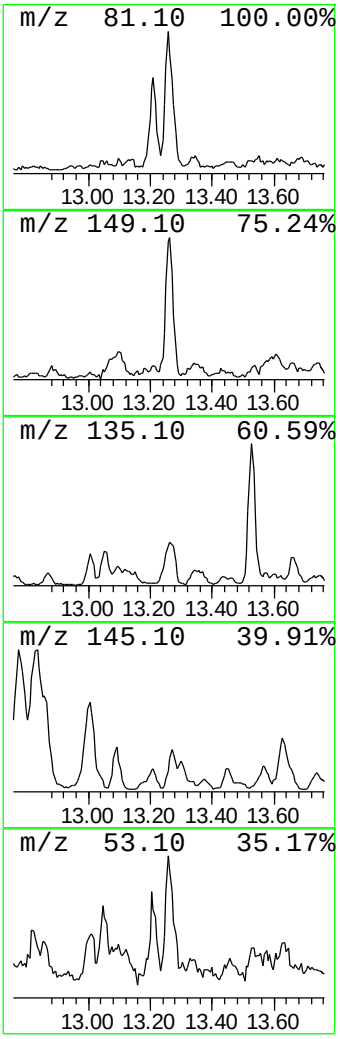
Peak Number 19 unknown-04 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.26	45.39 ng/ul	1957140	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-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	35
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	35
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	35
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	30





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Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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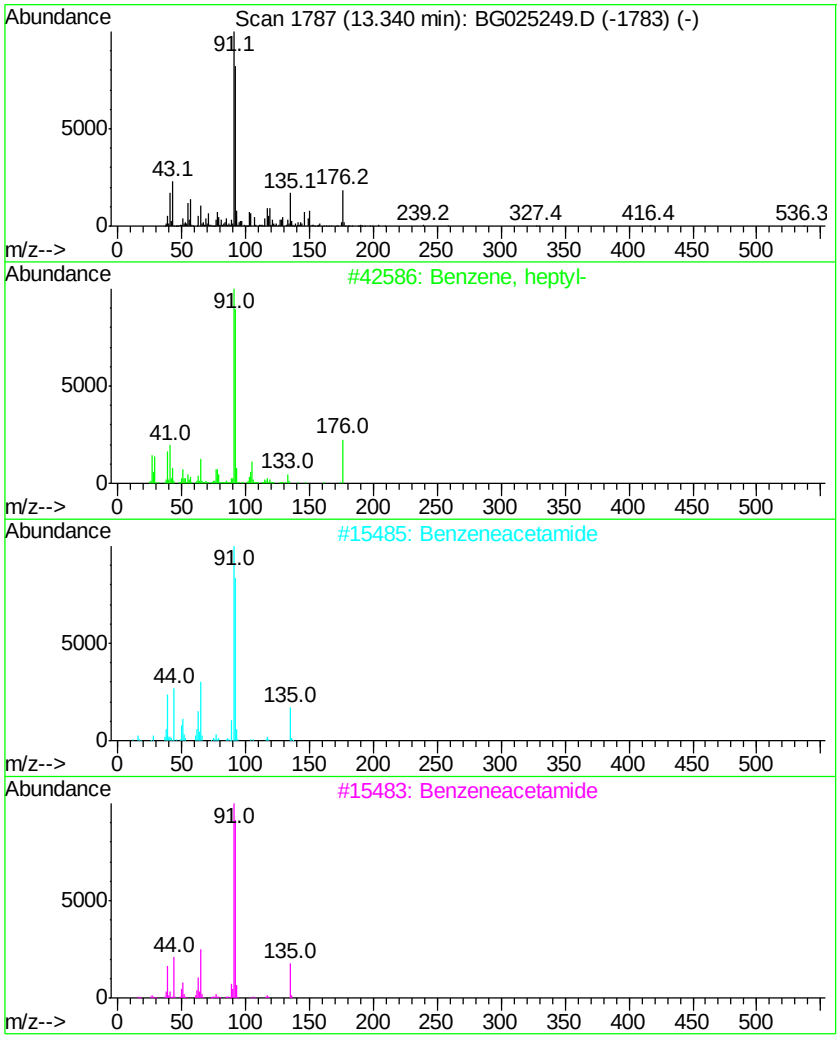
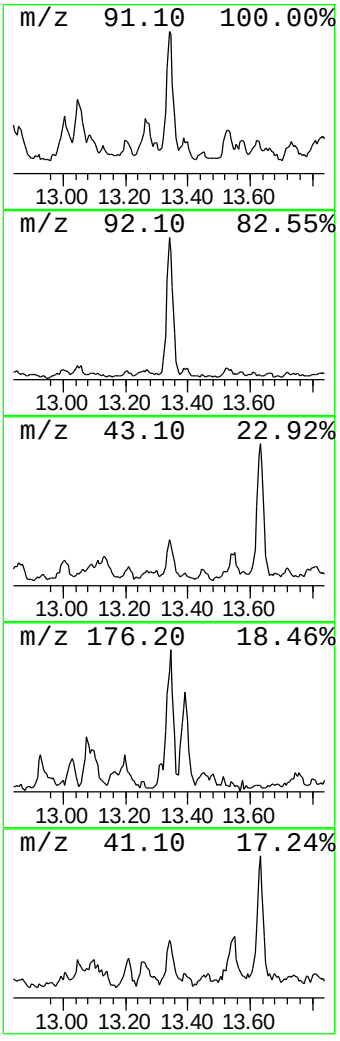
Peak Number 20 Benzene, heptyl- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	25.74 ng/ul	1109850	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	58
2	Benzeneacetamide	135	C8H9NO	000103-81-1	53
3	Benzeneacetamide	135	C8H9NO	000103-81-1	53
4	Benzeneacetamide	135	C8H9NO	000103-81-1	53
5	7-Phenyl-1-heptyl chloride	210	C13H19Cl	071434-47-4	50





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Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

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

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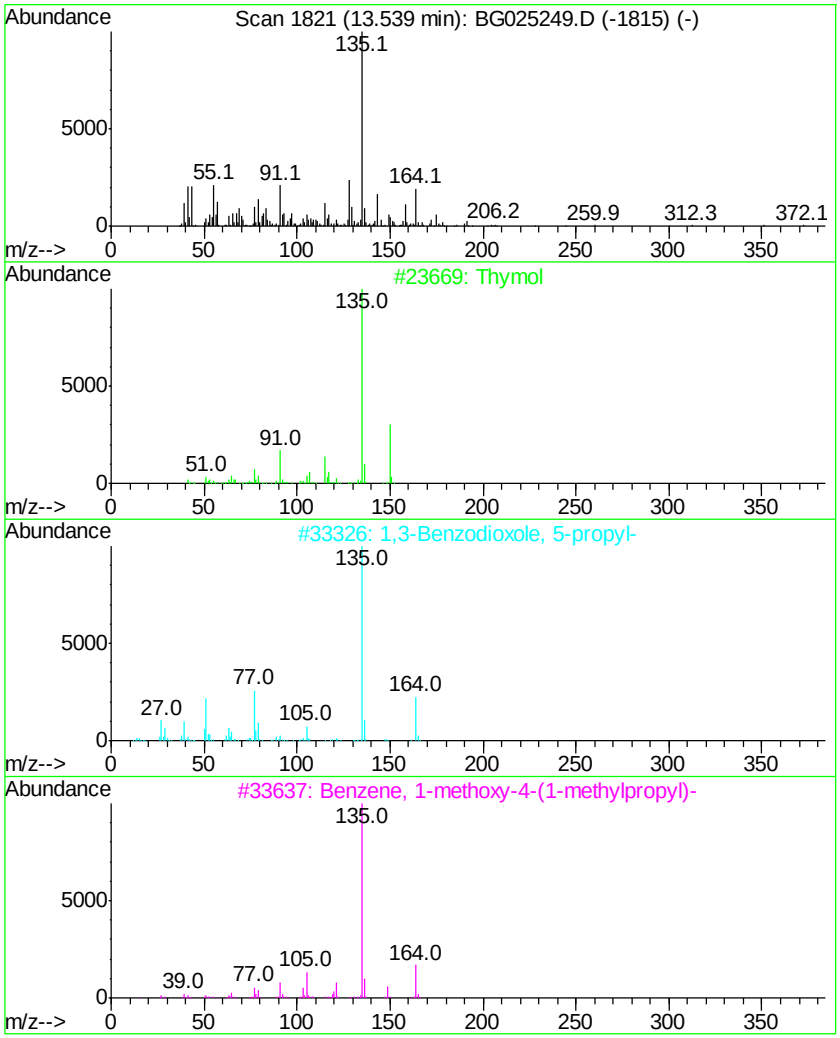
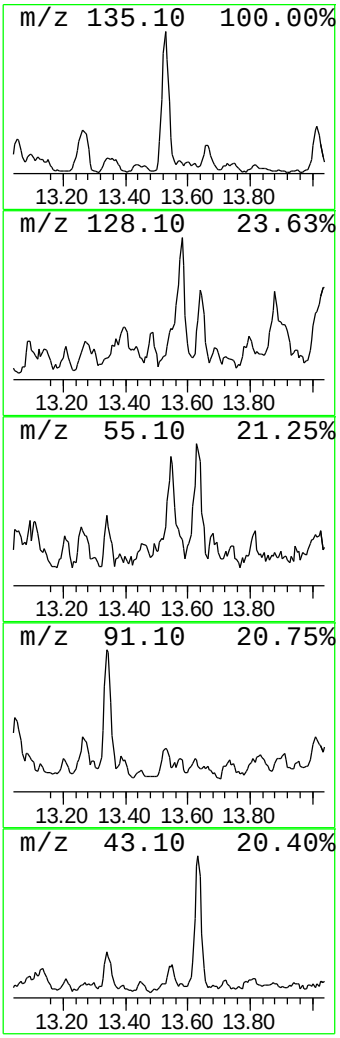
Peak Number 21 unknown-05 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	25.11 ng/ul	1082740	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thymol	150	C10H14O	000089-83-8	49
2	1,3-Benzodioxole, 5-propyl-	164	C10H12O2	000094-58-6	49
3	Benzene, 1-methoxy-4-(1-methylpr...	164	C11H16O	004917-90-2	47
4	4-n-Propylbenzoic acid	164	C10H12O2	002438-05-3	47
5	Benzene, 1-methoxy-4-(1-methylpr...	164	C11H16O	004917-90-2	47





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Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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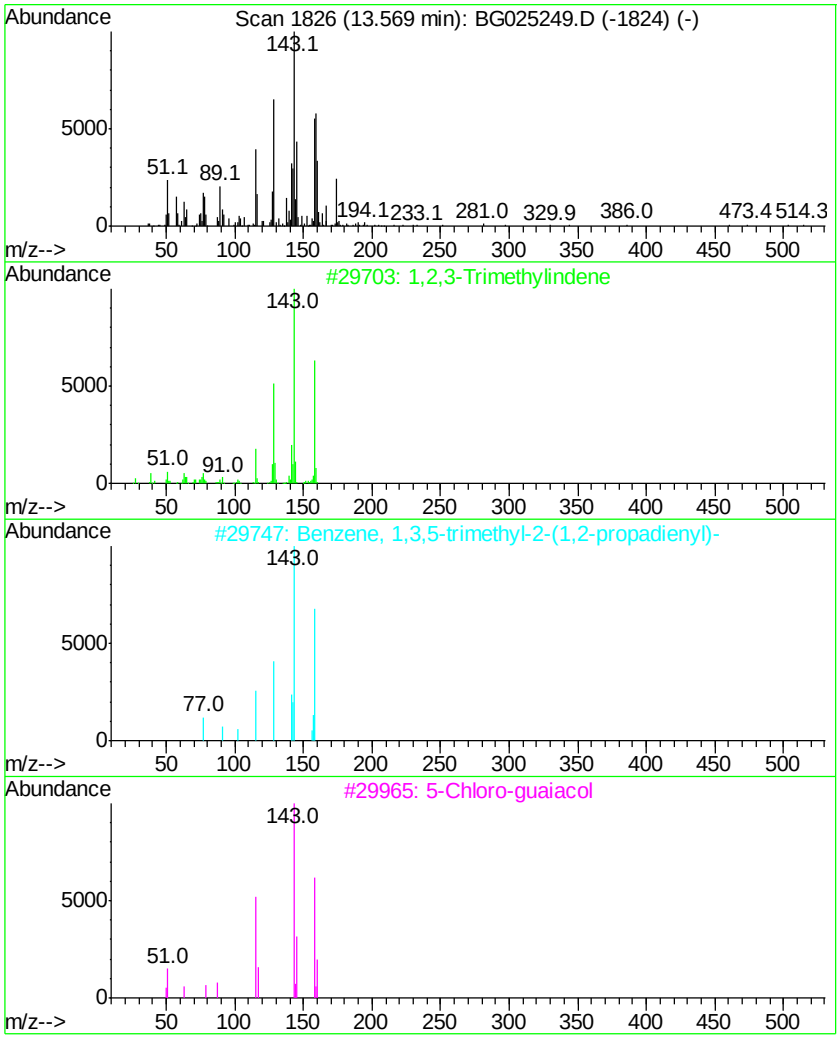
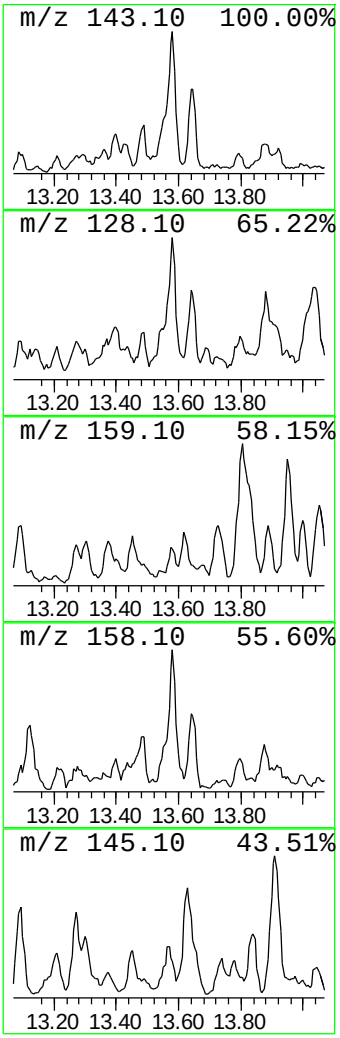
Peak Number 22 1,2,3-Trimethylindene Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.57	21.28 ng/ul	917801	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Trimethylindene	158	C12H14	004773-83-5	62
2	Benzene, 1,3,5-trimethyl-2-(1,2-...	158	C12H14	029555-07-5	58
3	5-Chloro-guaiacol	158	C7H7ClO2	003743-23-5	55
4	1,2,3-Trimethylindene	158	C12H14	004773-83-5	53
5	Benzene, 1,4-bis(1-methylethenyl)-	158	C12H14	001605-18-1	52





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Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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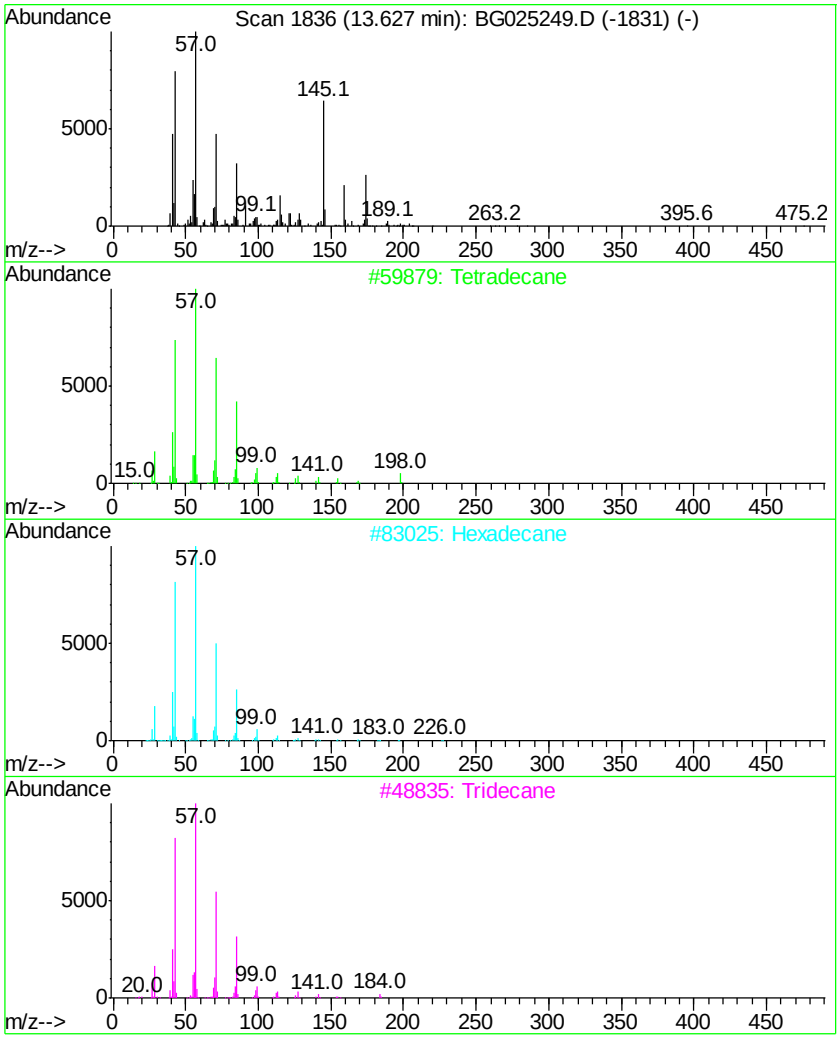
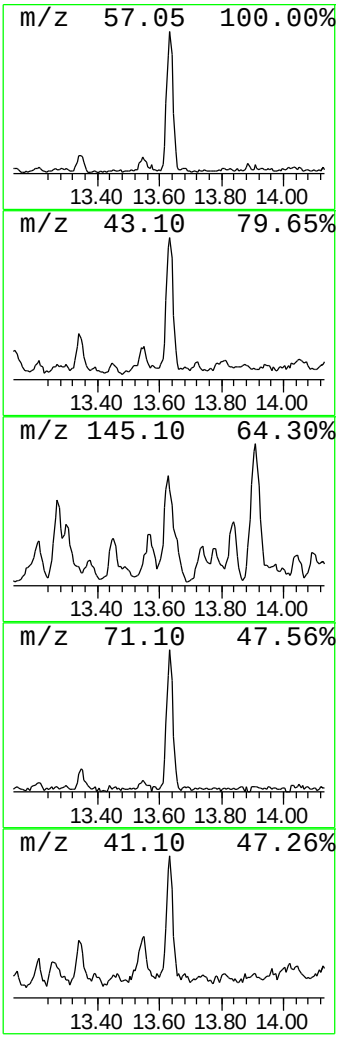
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	34.69 ng/ul	1495990	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	Tridecane	184	C13H28	000629-50-5	43
4	4-Octanone	128	C8H16O	000589-63-9	43
5	Decane, 3-bromo-	220	C10H21Br	030571-71-2	43





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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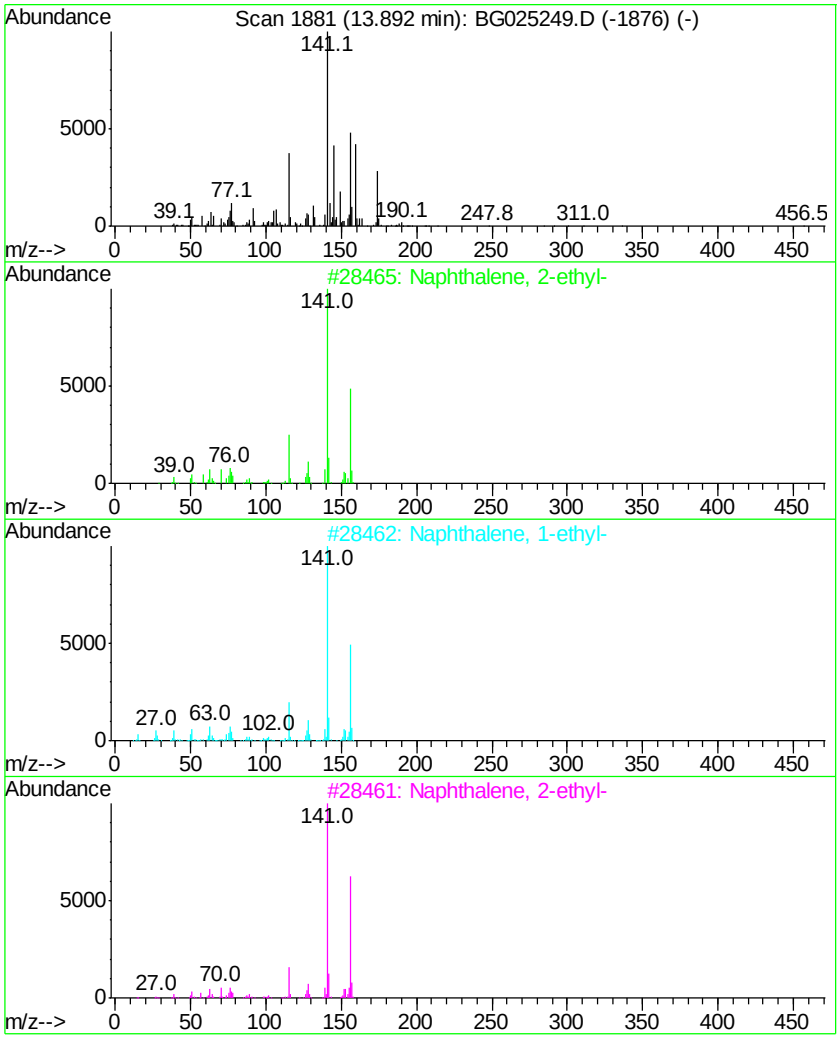
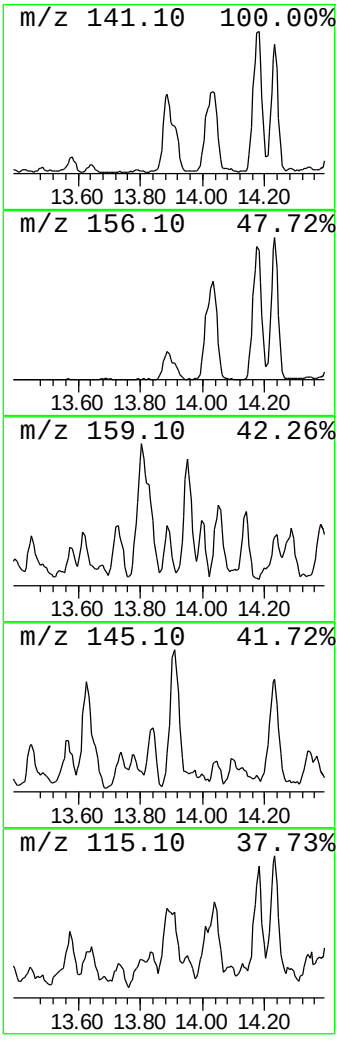
Peak Number 24 Naphthalene, 2-ethyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.89	33.30 ng/ul	1436080	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	91
2	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	90
3	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64
4	Naphthalene, 1-ethyl-	156	C12H12	001127-76-0	64
5	Naphthalene, 2-ethyl-	156	C12H12	000939-27-5	64





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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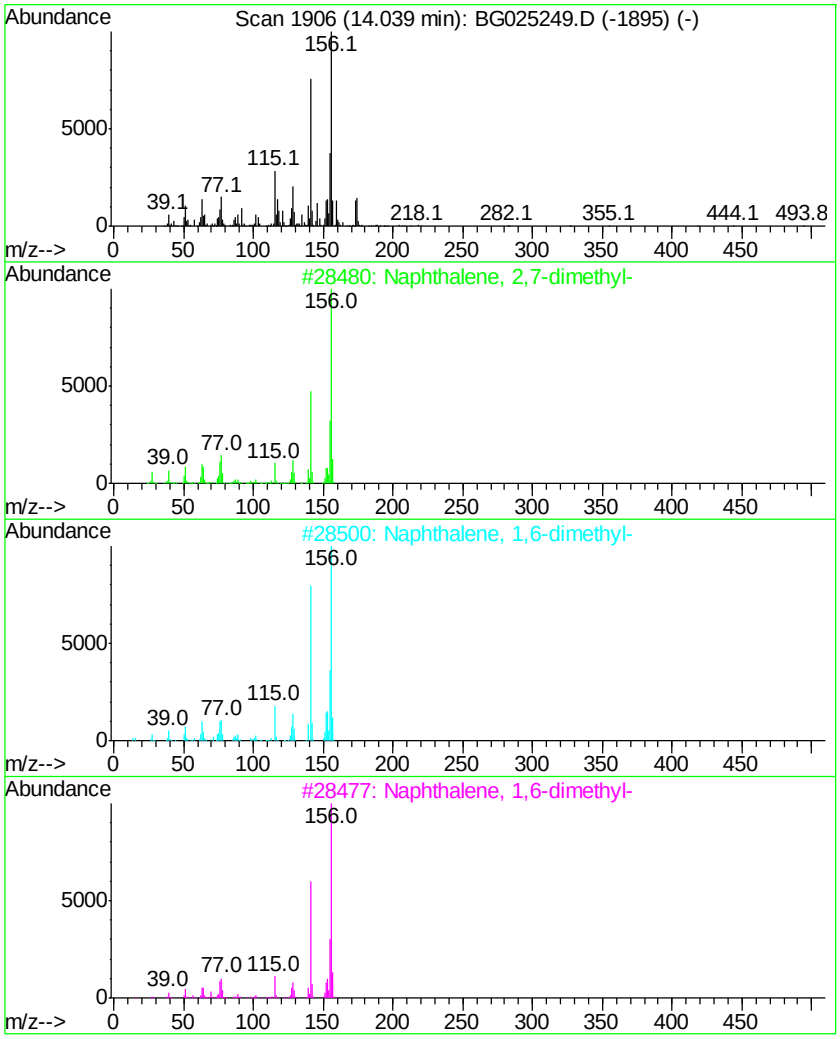
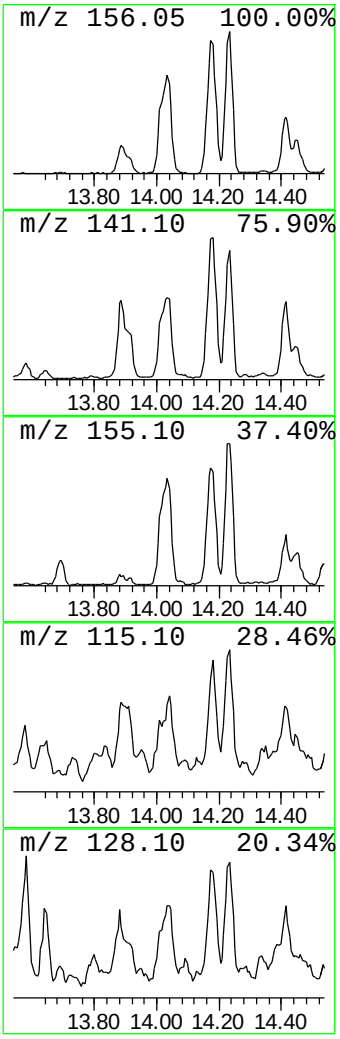
Peak Number 25 Naphthalene, 2,7-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.04	93.82 ng/ul	4045880	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95





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Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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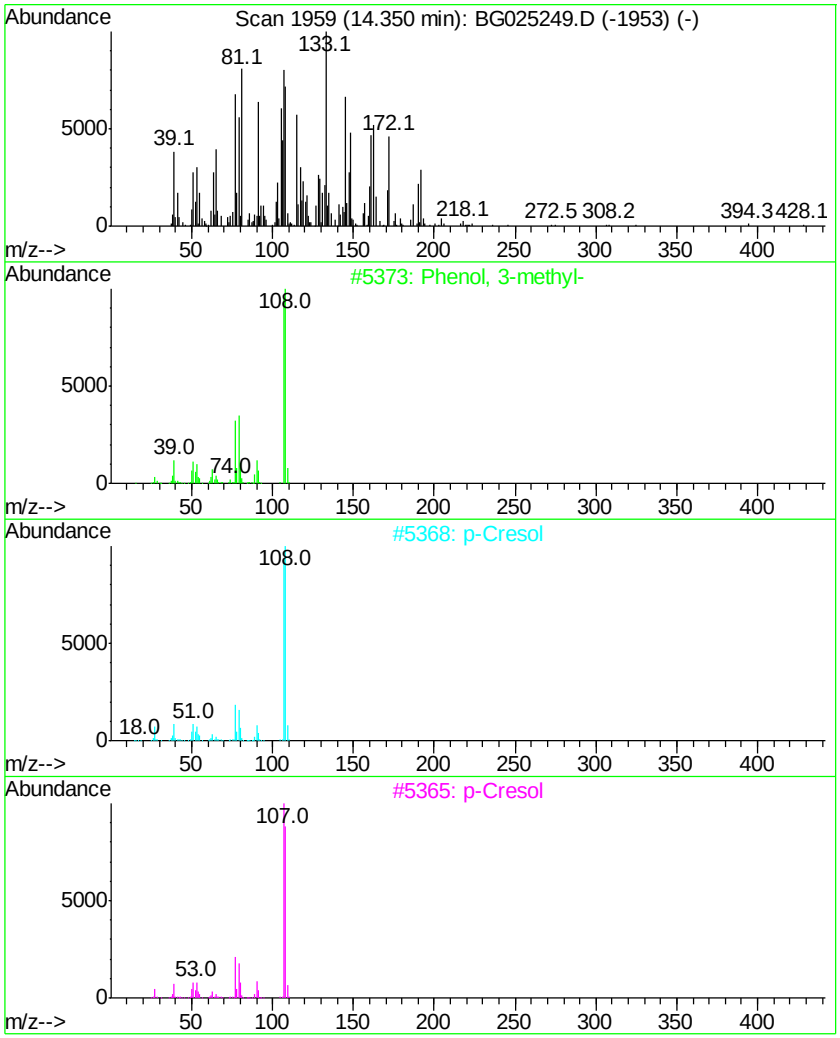
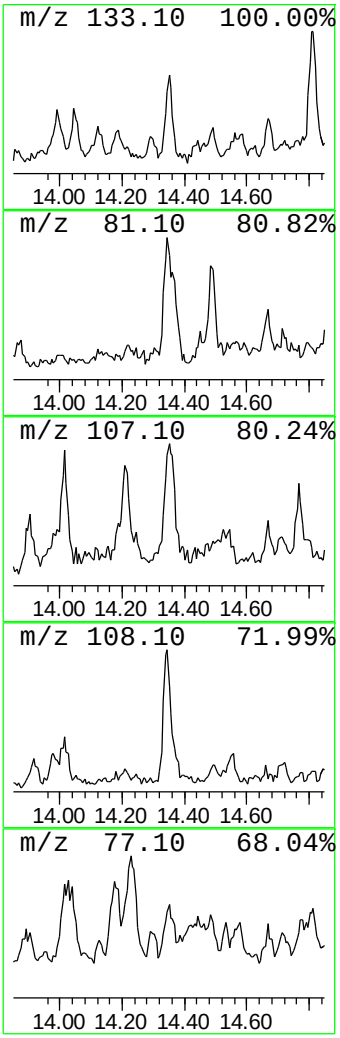
Peak Number 27 unknown-06 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.35	26.84 ng/ul	1157550	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-methyl-	108	C7H8O	000108-39-4	42
2	p-Cresol	108	C7H8O	000106-44-5	40
3	p-Cresol	108	C7H8O	000106-44-5	40
4	2-Octen-4-yne, (Z)-	108	C8H12	106445-95-8	38
5	3-(Benzyloxymethyl)hex-5-ene-1,2...	236	C14H20O3	1000192-76-5	35





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Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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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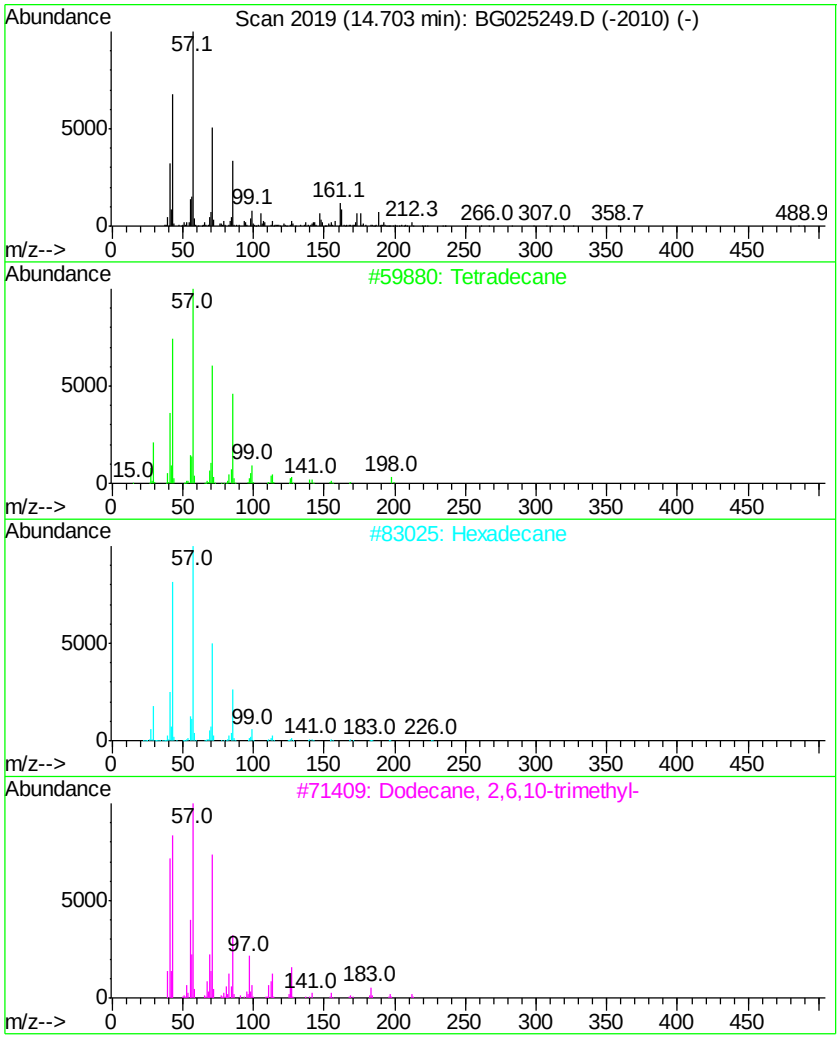
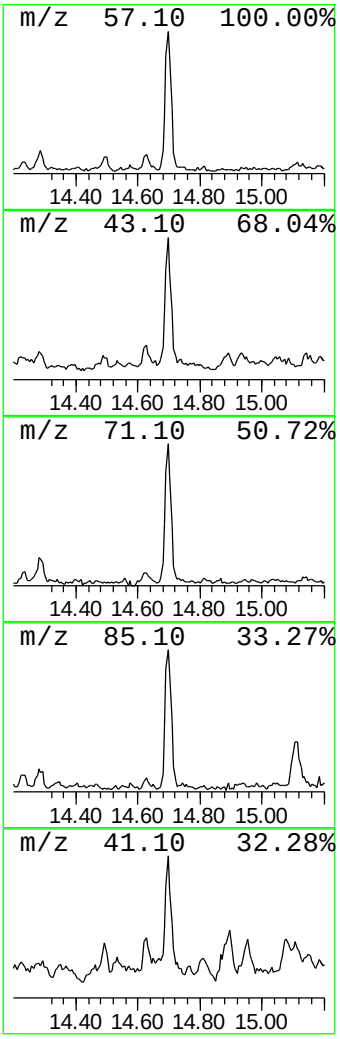
Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	32.91 ng/ul	1418930	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	80
2	Hexadecane	226	C16H34	000544-76-3	80
3	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	80
4	Tridecane, 6-methyl-	198	C14H30	013287-21-3	72
5	Hexadecane	226	C16H34	000544-76-3	64





Library Search Compound Report

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Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

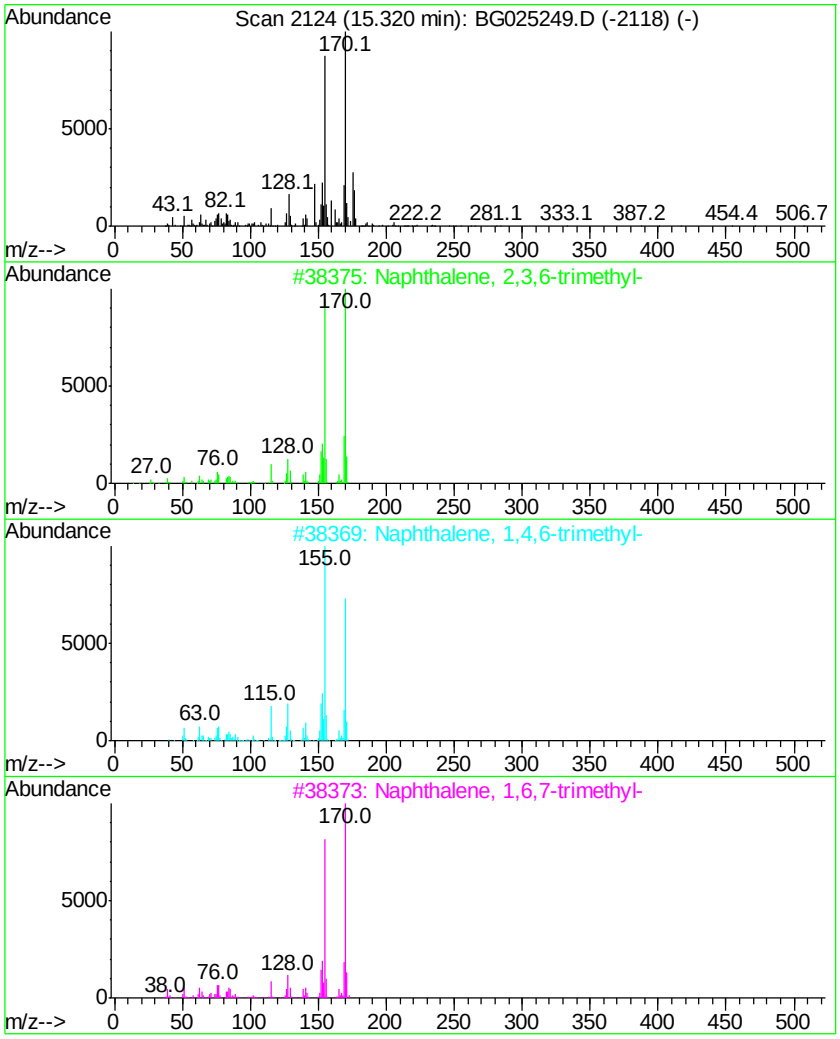
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

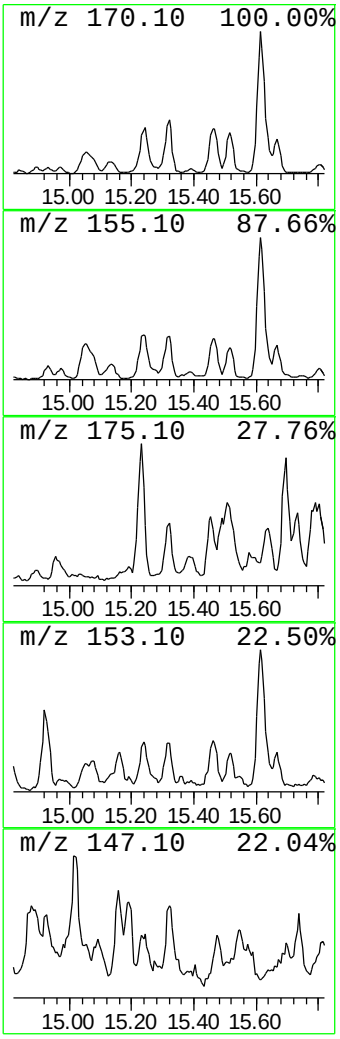
****

Peak Number 29 Naphthalene, 2,3,6-trimethyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.32	21.77 ng/ul	938546	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	94
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	90
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	90
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	89





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

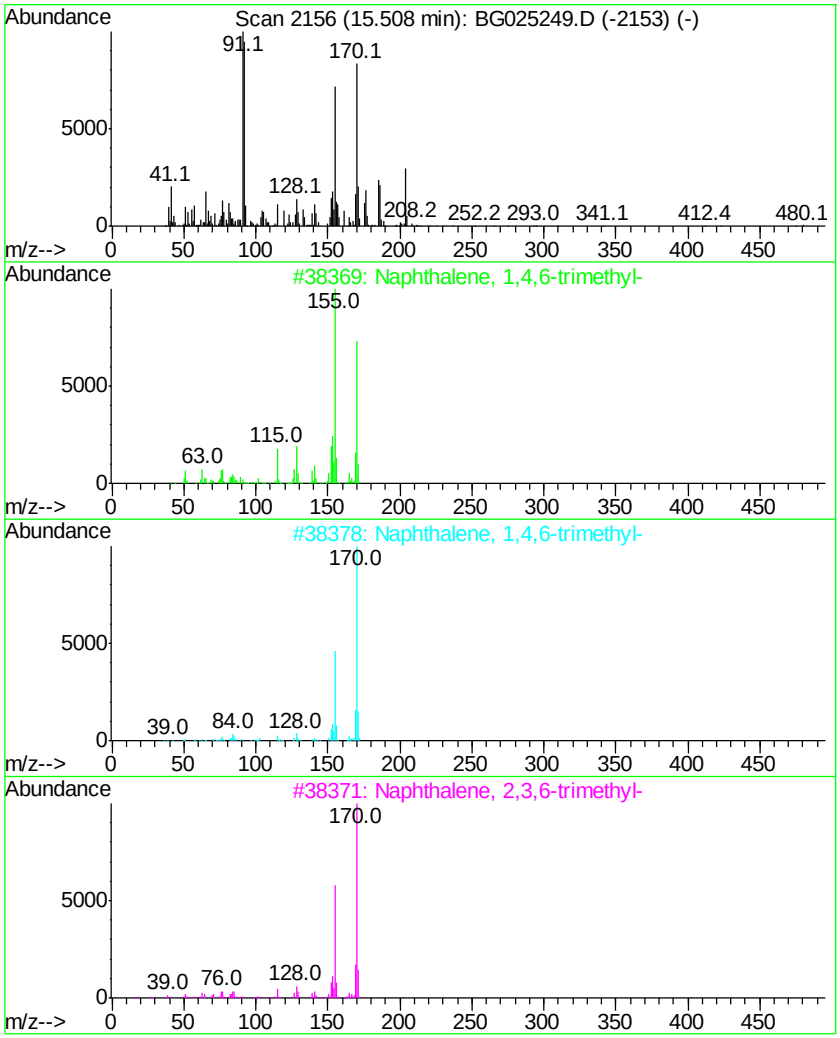
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

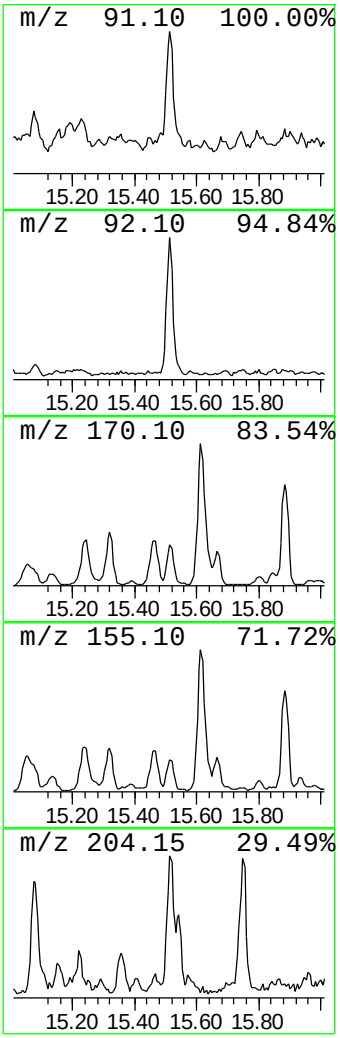
****

Peak Number 31 Naphthalene, 1,4,6-trimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.51	58.32 ng/ul	2515070	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	92
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	78
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	70
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	60





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Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

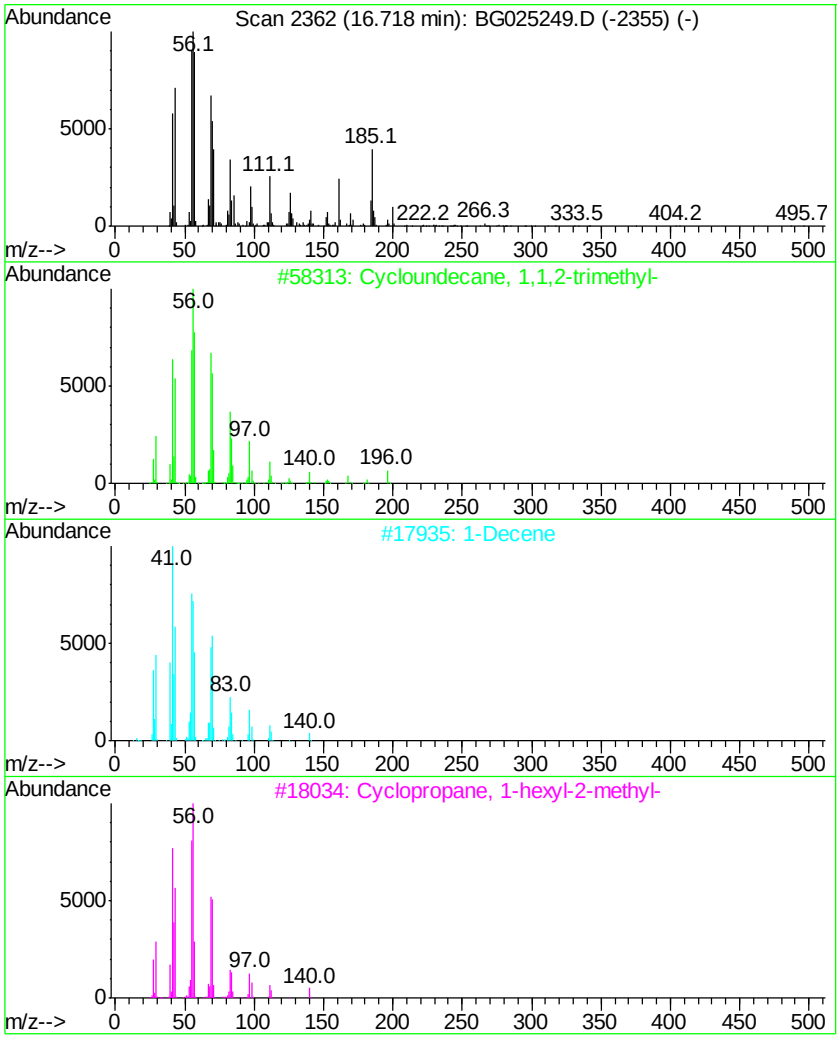
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

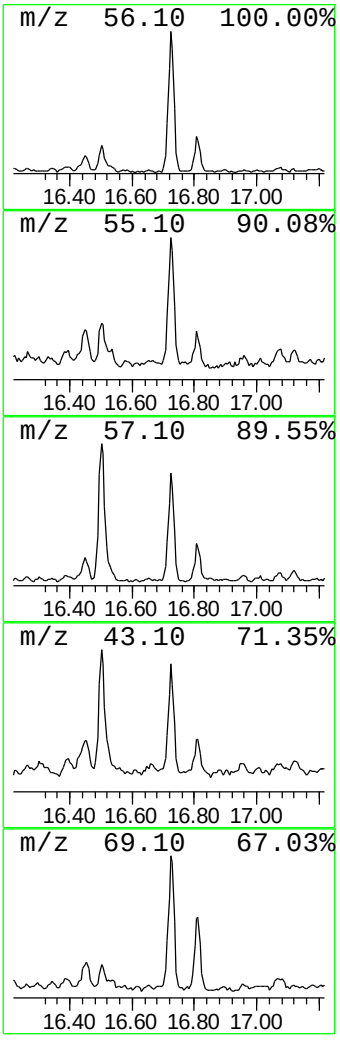
****

Peak Number 39 (DEL) Alkane: Cyclic16.72 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	61.00 ng/ul	3217920	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	62
2	1-Decene	140	C10H20	000872-05-9	58
3	Cyclopropane, 1-hexyl-2-methyl-	140	C10H20	062238-09-9	52
4	2-Decene, 6-methyl-, (Z)-	154	C11H22	074630-31-2	49
5	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

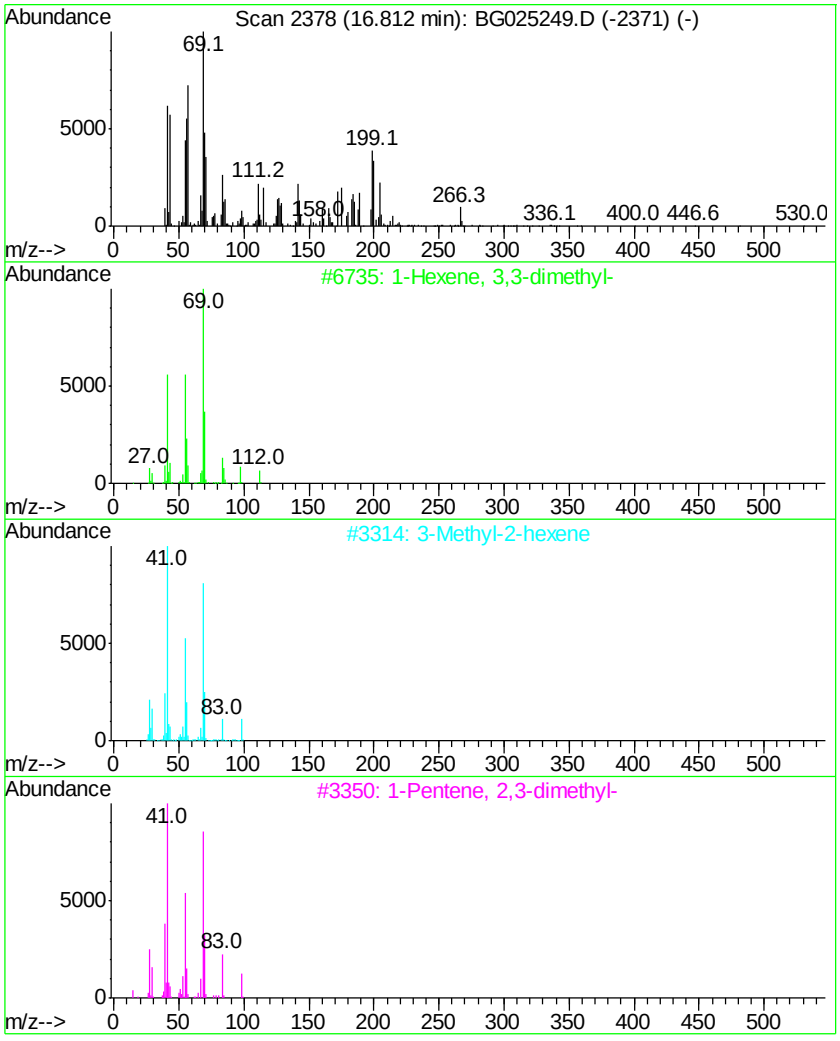
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

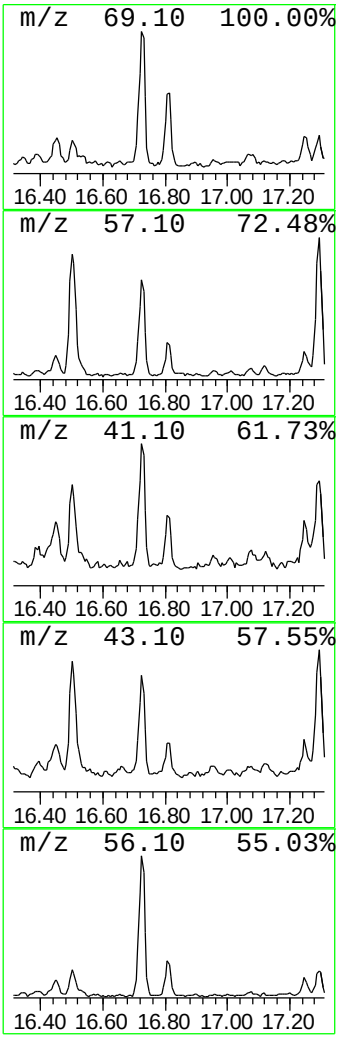
****

Peak Number 40 (DEL) Alkane: Cyclic16.81 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	41.96 ng/ul	2213140	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	30
2	3-Methyl-2-hexene	98	C7H14	017618-77-8	27
3	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	27
4	1-Pentene, 2,3-dimethyl-	98	C7H14	003404-72-6	27
5	6-Dodecene, (E)-	168	C12H24	007206-17-9	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

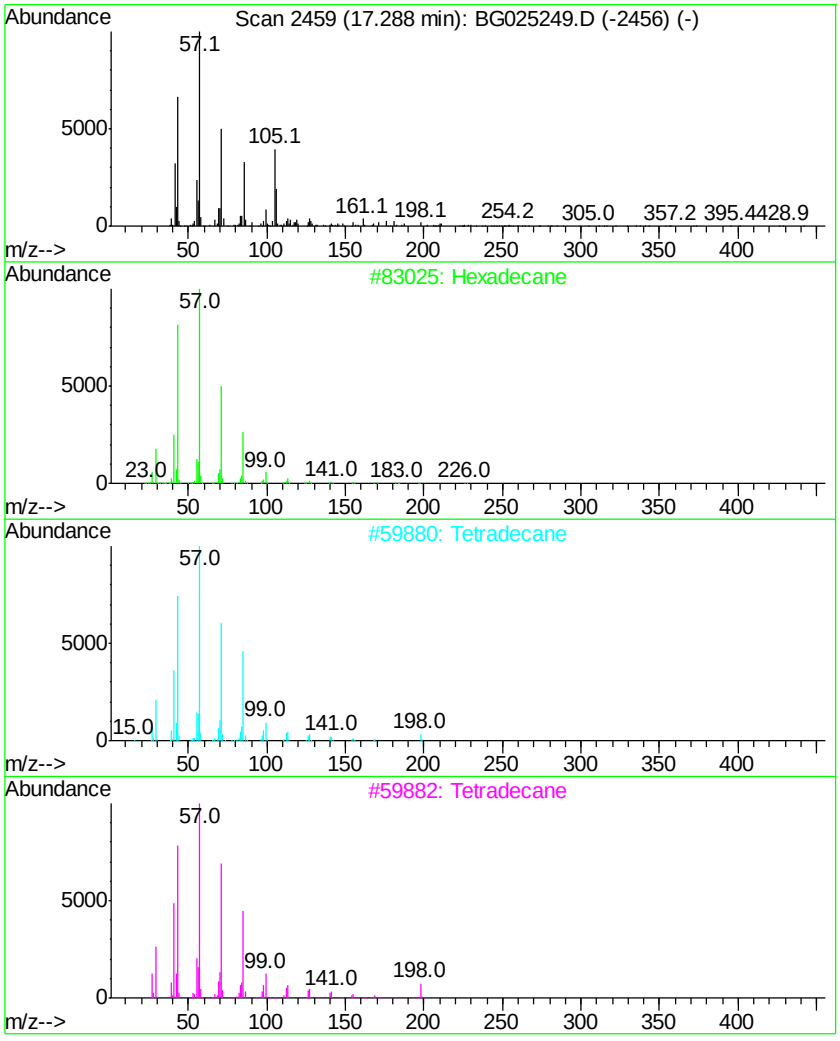
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

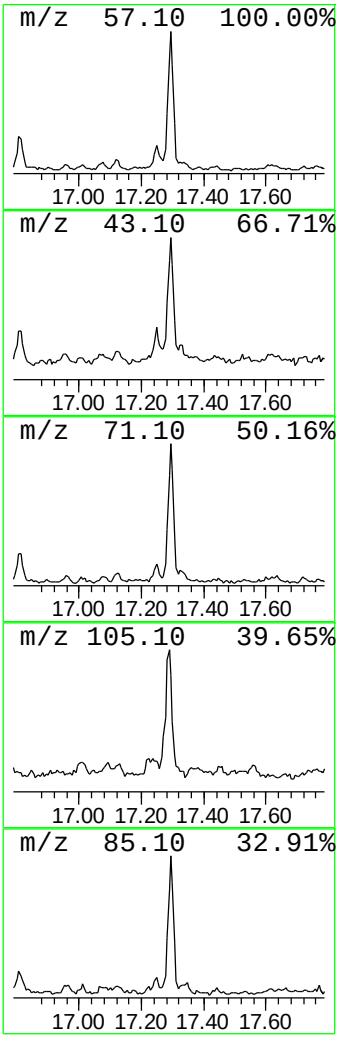
****

Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	17.35 ng/ul	915065	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tetradecane	198	C14H30	000629-59-4	78
4	Octadecane	254	C18H38	000593-45-3	58
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

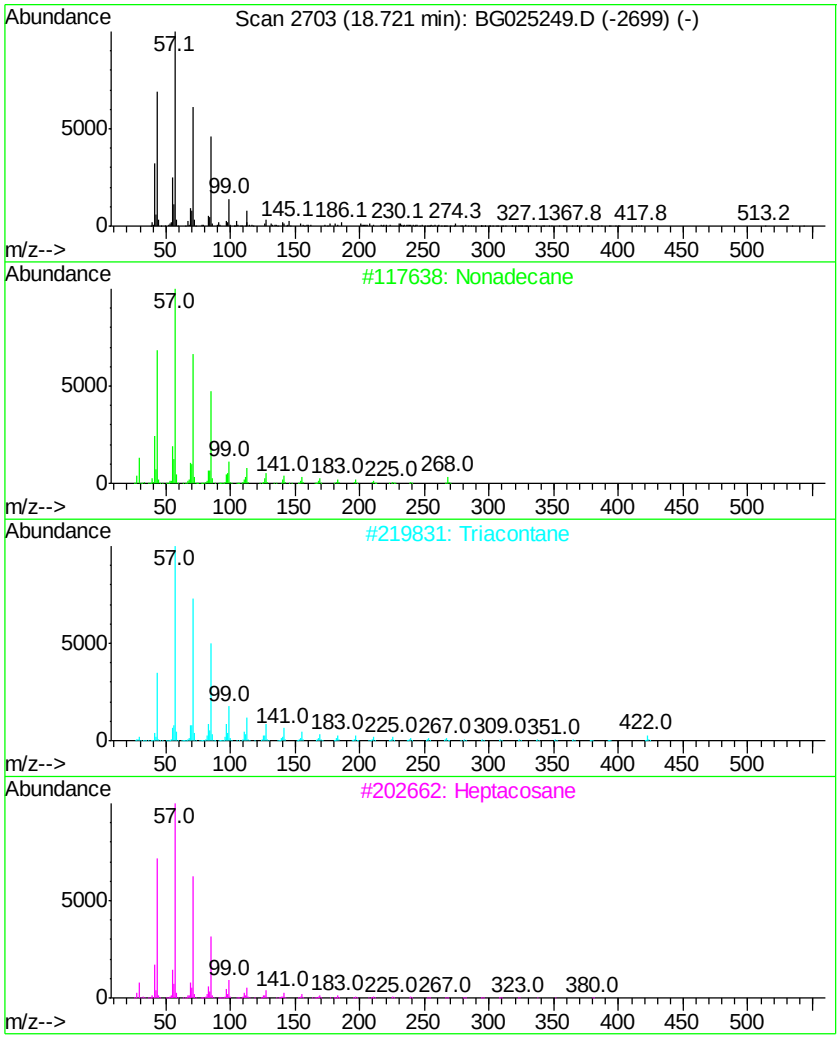
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

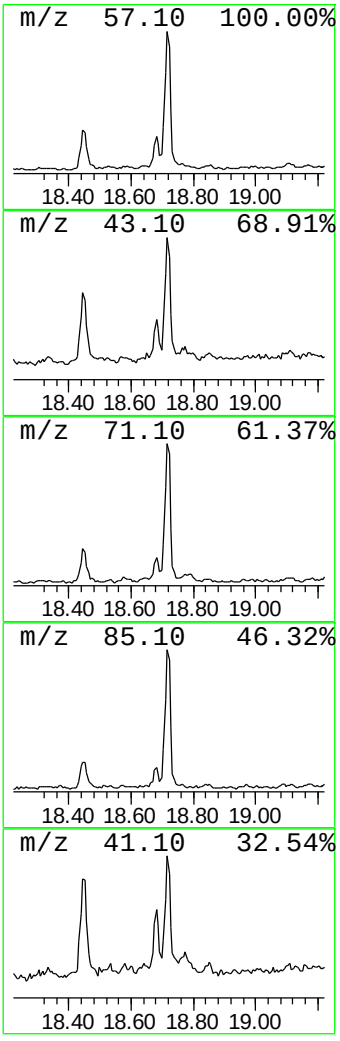
****

Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	26.95 ng/ul	1421670	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Triacontane	422	C30H62	000638-68-6	86
3	Heptacosane	380	C27H56	000593-49-7	72
4	1-Iodoundecane	282	C11H23I	004282-44-4	70
5	Tetracosane	338	C24H50	000646-31-1	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

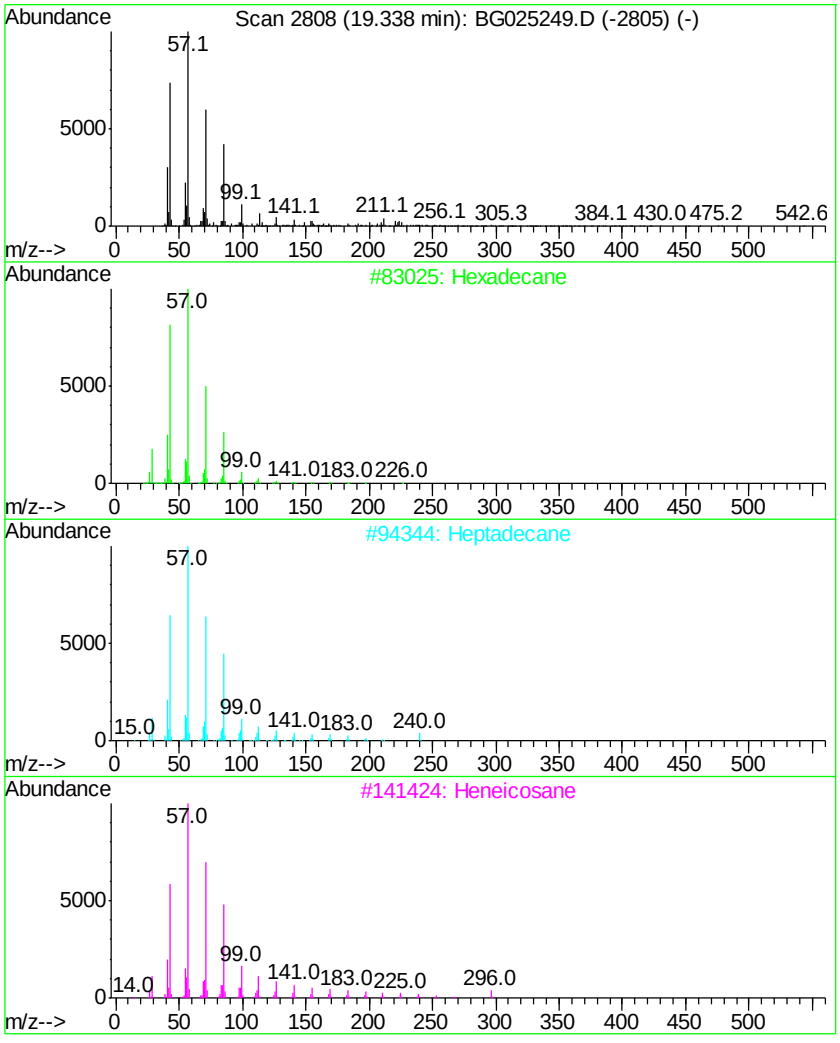
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

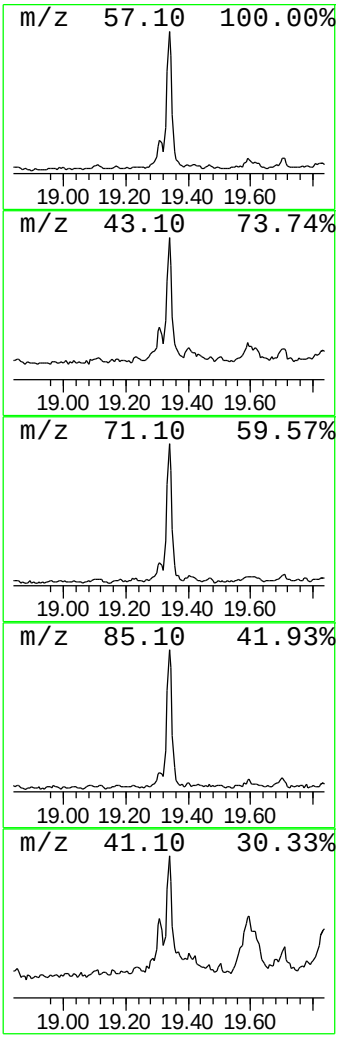
****

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	25.40 ng/ul	1339620	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Heptadecane	240	C17H36	000629-78-7	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	87
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

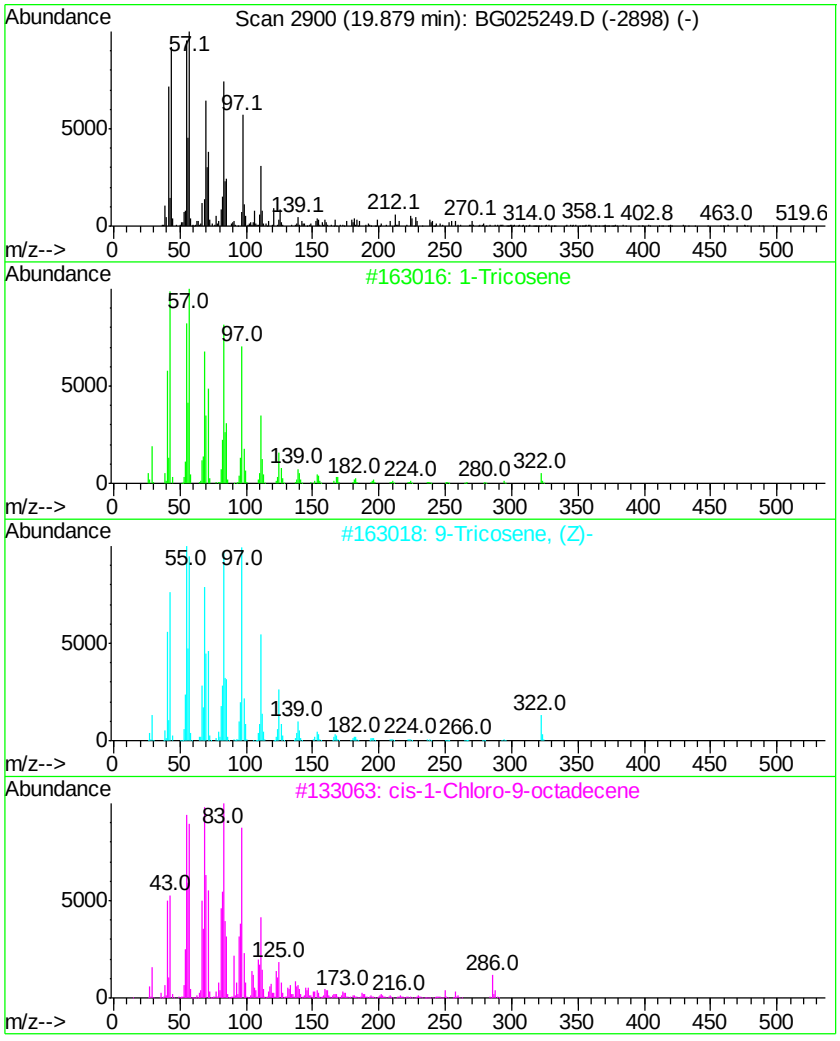
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

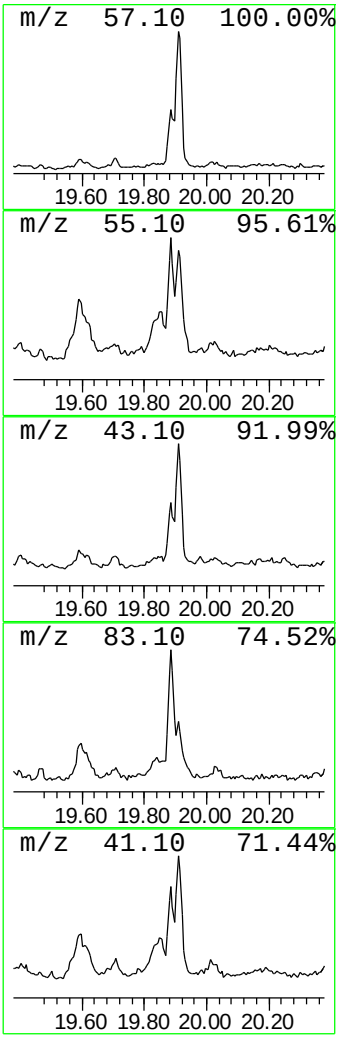
****

Peak Number 57 (DEL) Alkane: Cyclic19.88 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	22.88 ng/ul	1962520	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tricosene	322	C23H46	018835-32-0	98
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
3	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	93
4	Z-5-Nonadecene	266	C19H38	1000131-11-8	92
5	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

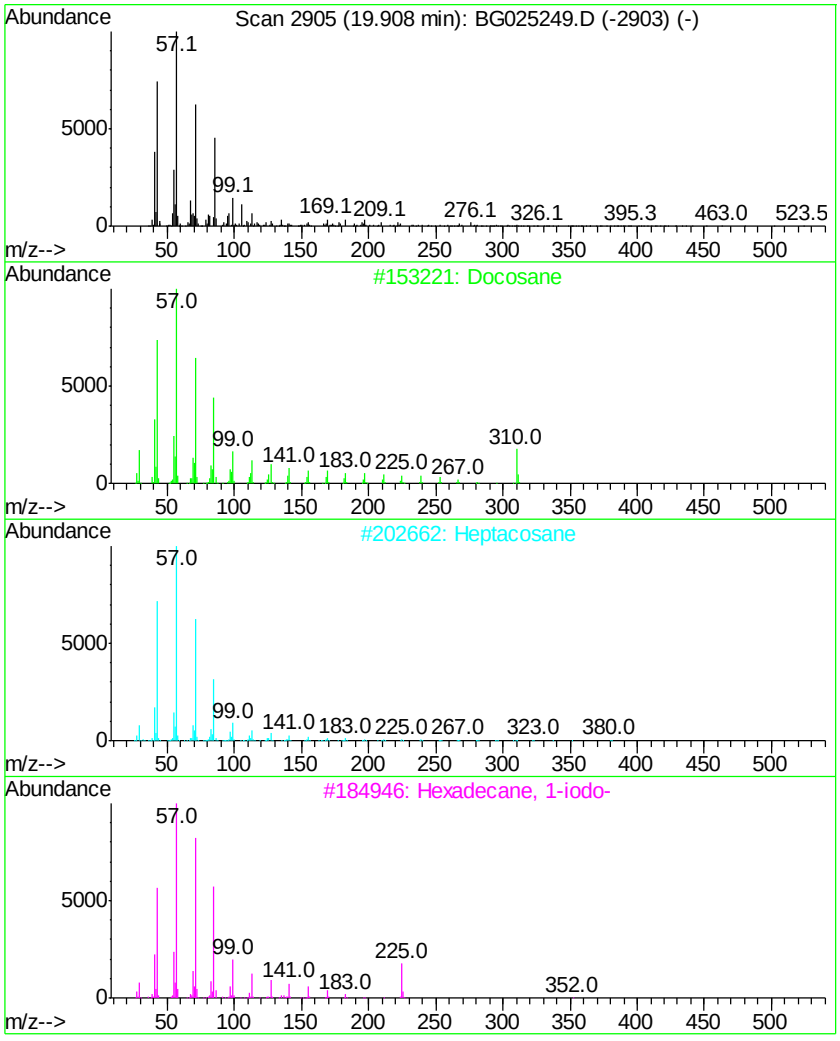
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

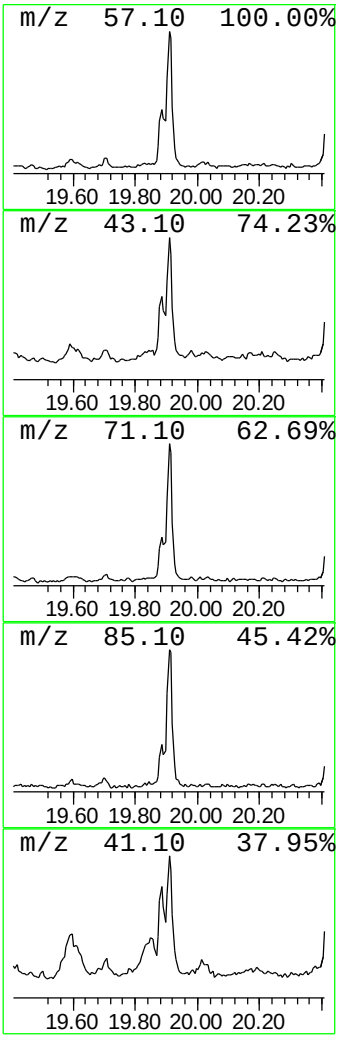
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	30.20 ng/ul	2590270	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	64
2	Heptacosane	380	C27H56	000593-49-7	49
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	49
4	2-Bromo dodecane	248	C12H25Br	013187-99-0	47
5	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	47





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Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

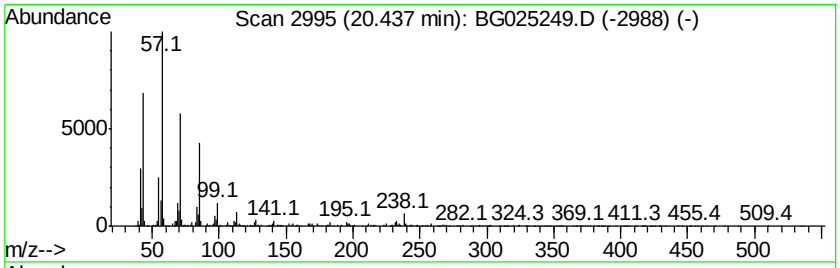
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

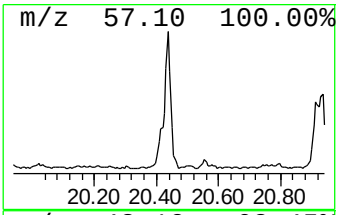
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

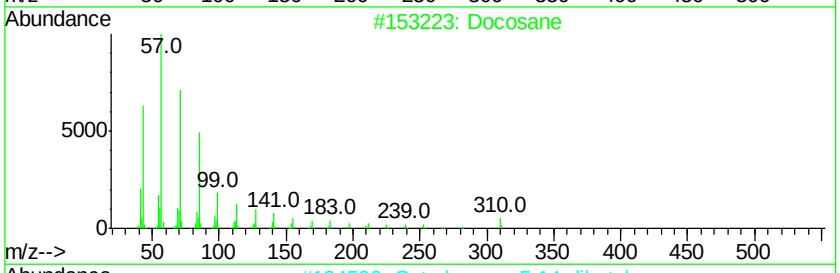
****
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 20

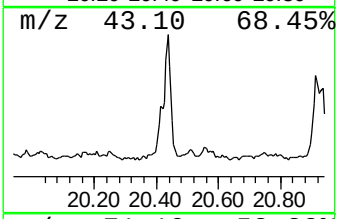
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	40.53 ng/ul	3476070	Chrysene-d12	21.91

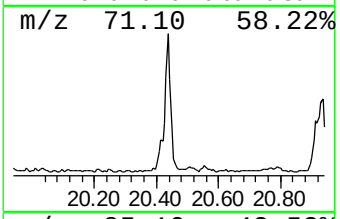
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	93
2	Octadecane, 5,14-dibutyl-	366	C26H54	055282-13-8	93
3	Docosane, 11-butyl-	366	C26H54	013475-76-8	91
4	Heptacosane	380	C27H56	000593-49-7	87
5	1-Iodoundecane	282	C11H23I	004282-44-4	87

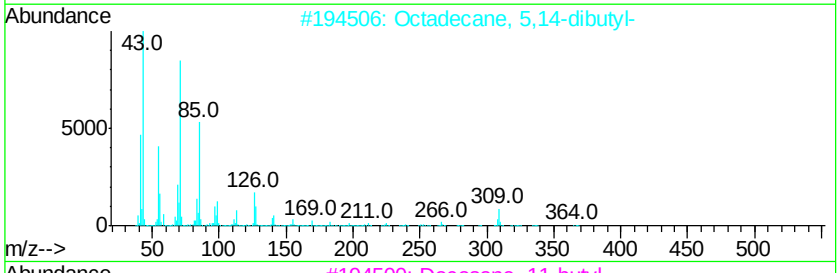


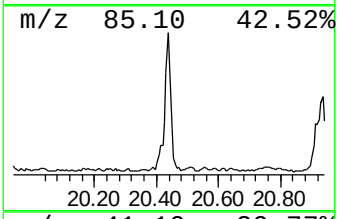


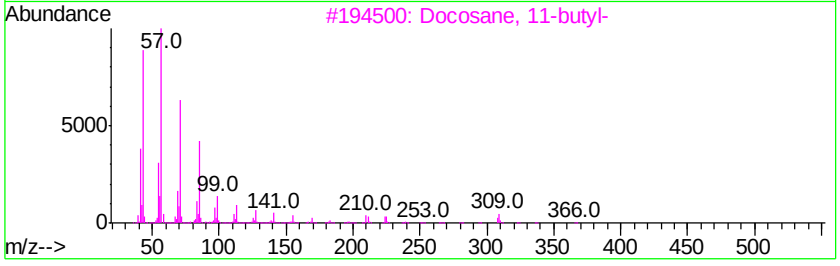


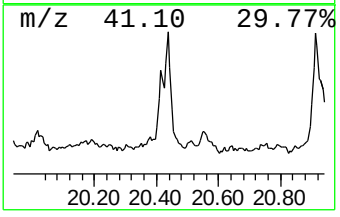












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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

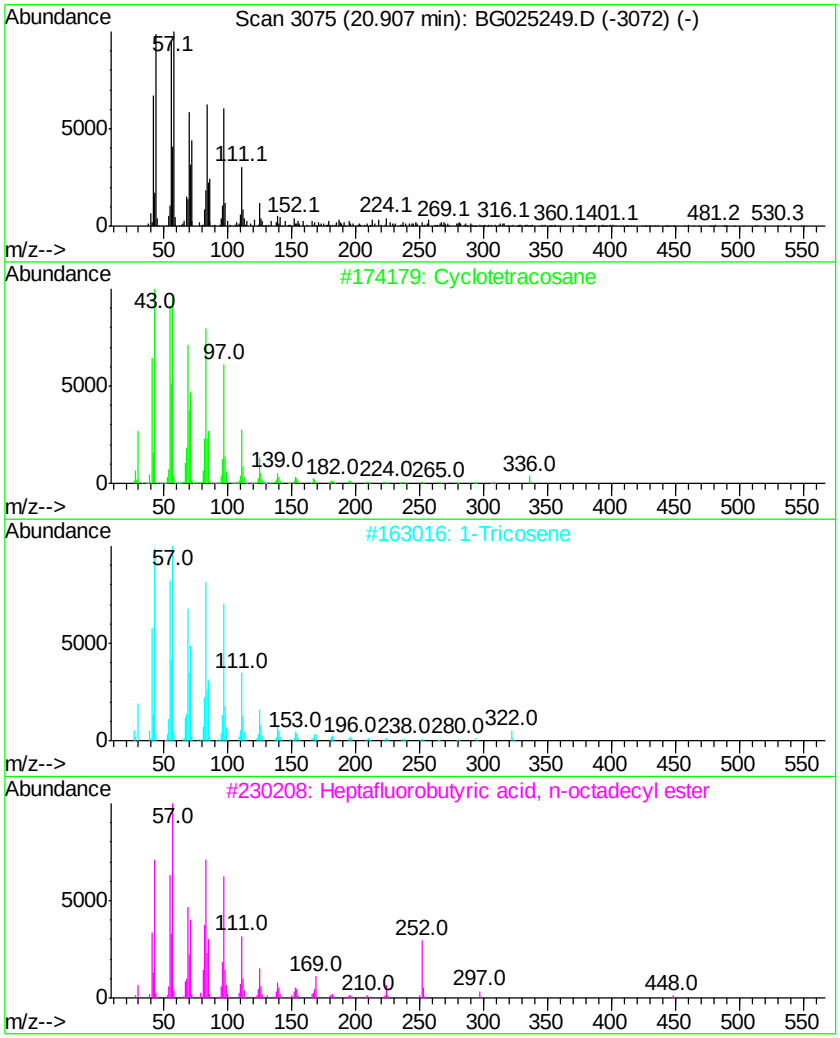
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

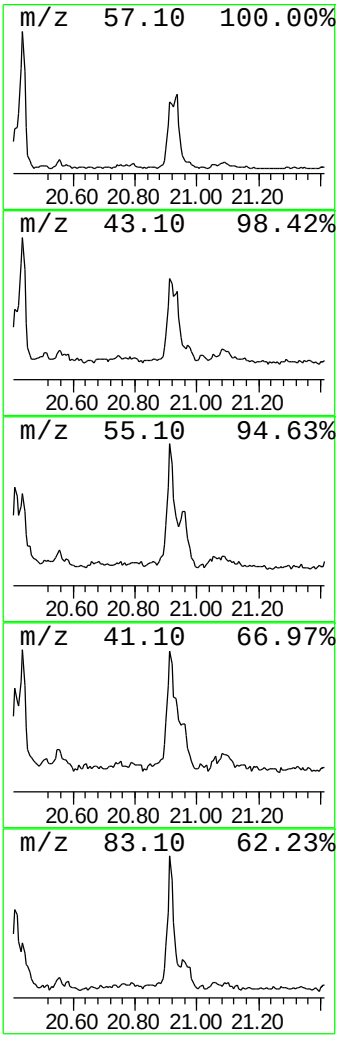
****

Peak Number 61 (DEL) Alkane: Cyclic20.91 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	63.57 ng/ul	5451660	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	94
2	1-Tricosene	322	C23H46	018835-32-0	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
5	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	87





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Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

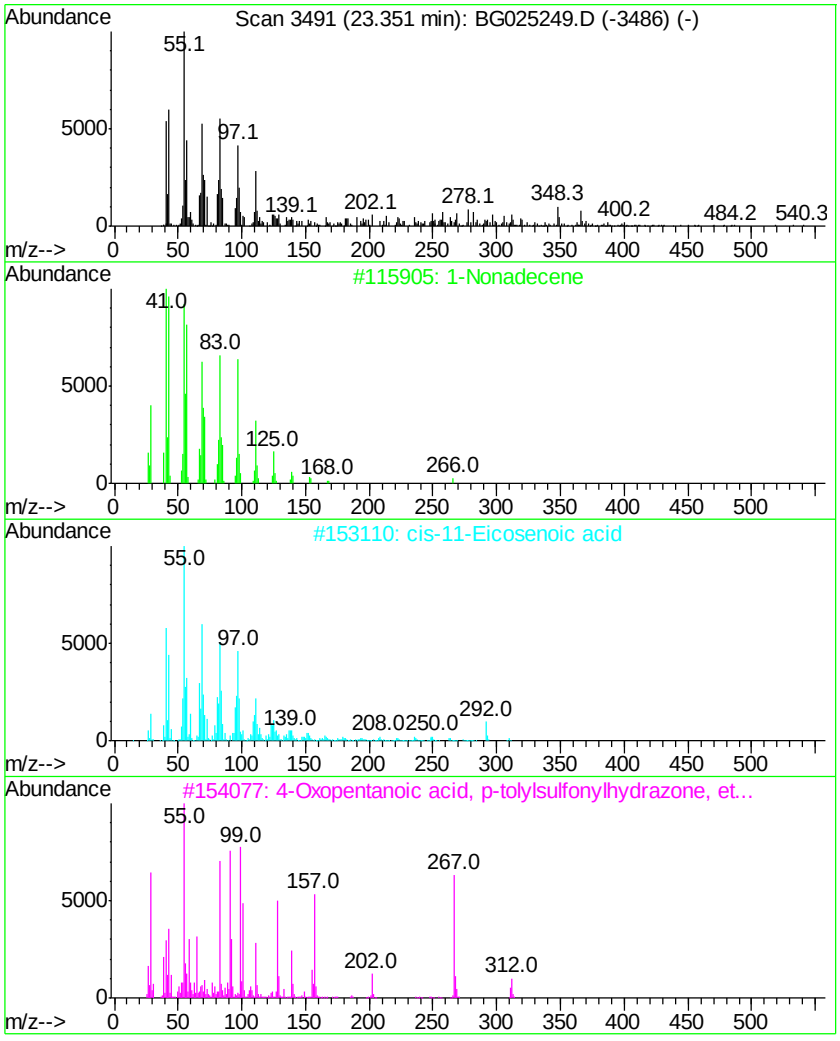
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

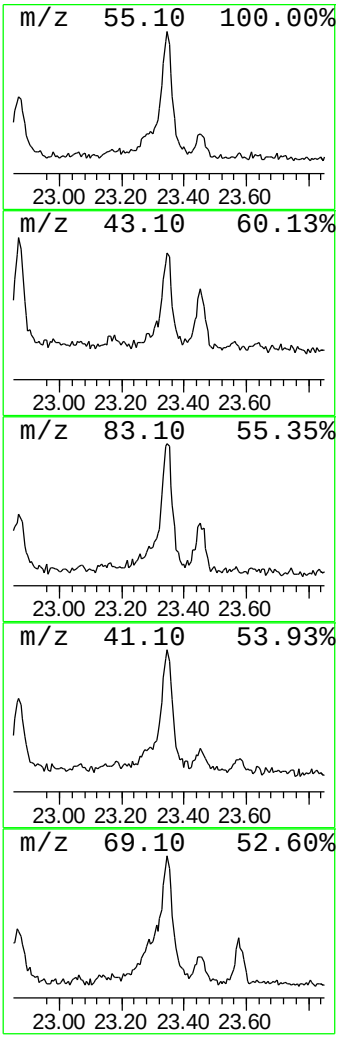
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Cyclic23.35 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.35	38.84 ng/ul	3331330	Chrysene-d12	21.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	cis-11-Eicosenoic acid	310	C20H38O2	005561-99-9	93
3	4-Oxopentanoic acid, p-tolylsulf...	312	C14H20N2O4S	1000195-82-8	90
4	cis-10-Nonadecenoic acid	296	C19H36O2	073033-09-7	87
5	1-Hexadecanol	242	C16H34O	036653-82-4	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121616\
Data File : BG025249.D
Acq On : 16 Dec 2016 21:55
Operator : UM/SJ
Sample : H6040-04
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8T9

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
Benzofuran, 7-met...	9.71	22.1	ng/ul	1100240	2	11.06	996397	20.0
Benzofuran, 2-met...	9.78	37.7	ng/ul	1878200	2	11.06	996397	20.0
1H-Benzimidazole,...	11.29	55.9	ng/ul	2784690	2	11.06	996397	20.0
3-Buten-2-one, 4-...	11.52	18.0	ng/ul	895896	2	11.06	996397	20.0
unknown-01	12.08	19.9	ng/ul	993979	2	11.06	996397	20.0
1H-Indene, 2,3-di...	12.25	25.7	ng/ul	1279060	2	11.06	996397	20.0
(DEL) Alkane: Str...	12.41	26.4	ng/ul	1316840	2	11.06	996397	20.0
Naphthalene, 1,2,...	12.60	26.6	ng/ul	1323570	2	11.06	996397	20.0
1H-Indene, 2,3-di...	12.78	24.5	ng/ul	1219070	2	11.06	996397	20.0
2-Methyl-4-propyl...	12.82	40.0	ng/ul	1993970	2	11.06	996397	20.0
unknown-02	12.86	24.7	ng/ul	1229460	2	11.06	996397	20.0
Naphthalene, 1-me...	12.92	46.3	ng/ul	2308350	2	11.06	996397	20.0
2,5,6-Trimethylbe...	13.00	42.3	ng/ul	1825800	3	14.86	862434	20.0
1,3-Benzenediamin...	13.05	30.0	ng/ul	1292230	3	14.86	862434	20.0
unknown-03	13.21	19.7	ng/ul	848881	3	14.86	862434	20.0
unknown-04	13.26	45.4	ng/ul	1957140	3	14.86	862434	20.0
Benzene, heptyl-	13.34	25.7	ng/ul	1109850	3	14.86	862434	20.0
unknown-05	13.54	25.1	ng/ul	1082740	3	14.86	862434	20.0
1,2,3-Trimethylin...	13.57	21.3	ng/ul	917801	3	14.86	862434	20.0
(DEL) Alkane: Str...	13.63	34.7	ng/ul	1495990	3	14.86	862434	20.0
Naphthalene, 2-et...	13.89	33.3	ng/ul	1436080	3	14.86	862434	20.0
Naphthalene, 2,7-...	14.04	93.8	ng/ul	4045880	3	14.86	862434	20.0
unknown-06	14.35	26.8	ng/ul	1157550	3	14.86	862434	20.0
(DEL) Alkane: Str...	14.70	32.9	ng/ul	1418930	3	14.86	862434	20.0
Naphthalene, 2,3,...	15.32	21.8	ng/ul	938546	3	14.86	862434	20.0
Naphthalene, 1,4,...	15.51	58.3	ng/ul	2515070	3	14.86	862434	20.0
(DEL) Alkane: Cyc...	16.72	61.0	ng/ul	3217920	4	17.61	1054970	20.0
(DEL) Alkane: Cyc...	16.81	42.0	ng/ul	2213140	4	17.61	1054970	20.0
(DEL) Alkane: Str...	17.29	17.4	ng/ul	915065	4	17.61	1054970	20.0
(DEL) Alkane: Str...	18.72	26.9	ng/ul	1421670	4	17.61	1054970	20.0
(DEL) Alkane: Str...	19.34	25.4	ng/ul	1339620	4	17.61	1054970	20.0
(DEL) Alkane: Cyc...	19.88	22.9	ng/ul	1962520	5	21.91	1715210	20.0
(DEL) Alkane: Str...	19.91	30.2	ng/ul	2590270	5	21.91	1715210	20.0
(DEL) Alkane: Str...	20.44	40.5	ng/ul	3476070	5	21.91	1715210	20.0
(DEL) Alkane: Cyc...	20.91	63.6	ng/ul	5451660	5	21.91	1715210	20.0
(DEL) Alkane: Cyc...	23.35	38.8	ng/ul	3331330	5	21.91	1715210	20.0