LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.835	502	510	523	rBV	919017	2192259	13.80%	0.715%
2	6.211	565	574	580	rVV	728576	1468778	9.25%	0.479%
3	7.862	849	855	863	rVB	955238	1751978	11.03%	0.571%
4	7.956	863	871	877	rBV2	704966	1332718	8.39%	0.435%
5	8.684	989	995	1002	rVB	953452	1798632	11.32%	0.587%
6	9.025	1046	1053	1068	rVB	2326629	4813552	30.30%	1.570%
7	9.313	1094	1102	1110	rVV9	469289	1685347	10.61%	0.550%
8	9.419	1110	1120	1128	rVV3	826064	1798315	11.32%	0.586%
9	9.595	1139	1150	1157	rVV4	508783	1493934	9.40%	0.487%
10	9.671	1157	1163	1166	rVV	1099182	1913822	12.05%	0.624%
11	9.712	1166	1170	1177	rVV	1083517	2433531	15.32%	0.794%
12	9.789	1177	1183	1192	rVB	2588077	4781125	30.10%	1.559%
13	10.229	1251	1258	1261	rBV	2528237	5042669	31.74%	1.645%
14	10.265	1262	1264	1276	rVV2	2116022	3607153	22.71%	1.176%
15	10.517	1287	1307	1311	rBV	4984553	15270652	96.13%	4.980%
16	10.553	1311	1313	1320	rVV2	3330567	4719016	29.71%	1.539%
17	10.699	1330	1338	1344	rBV4	1528849	3108540	19.57%	1.014%
18	10.882	1360	1369	1374	rBV3	839502	2128596	13.40%	0.694%
19	10.940	1374	1379	1390	rVB3	972615	2091270	13.16%	0.682%
20	11.117	1404	1409	1419	rVB	1351019	2559533	16.11%	0.835%
21	11.205	1419	1424	1434	rBV	1504720	3050706	19.20%	0.995%
22	11.299	1434	1440	1454	rVB4	1266735	4340489	27.32%	1.416%
23	11.422	1454	1461	1465	rBV2	2019723	4163545	26.21%	1.358%
24	11.469	1465	1469	1474	rVB	1832809	2770247	17.44%	0.903%
25	11.598	1485	1491	1496	rBV	1977892	3377818	21.26%	1.102%
26	11.669	1496	1503	1509	rVB2	797506	2210602	13.92%	0.721%
27	11.904	1533	1543	1549	rBV2	7466685	15885479	100.00%	5.181%
28	12.080	1565	1573	1578	rBV3	1455083	3405685	21.44%	1.111%
29	12.133	1578	1582	1587	rVV2	1819554	3322103	20.91%	1.083%
30	12.186	1587	1591	1596	rVV4	768861	1540120	9.70%	0.502%
31	12.251	1596	1602	1609	rVB3	755138	1830091	11.52%	0.597%
32	12.409	1625	1629	1632	rVV3	970229	1571336	9.89%	0.512%
33	12.450	1632	1636	1643	rVB3	1186814	2340653	14.73%	0.763%
34	12.597	1649	1661	1666	rBV6	754538	2546705	16.03%	0.831%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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	12.709	1674	1680	1683	rVV	2420928	4307159	27.11%	1.405%
36	12.744	1683	1686	1690	rVV3	1622362	3127845	19.69%	1.020%
37	12.779	1690	1692	1696	rVV2	1214053	1932608	12.17%	0.630%
38	12.832	1696	1701	1711	rVV2	1842407	5431844	34.19%	1.772%
39	12.926	1711	1717	1722	rVB2	1828653	3289437	20.71%	1.073%
40	13.014	1723	1732	1736	rBV4	1158400	2519869	15.86%	0.822%
41	13.067	1736	1741	1750	rBV3	1959546	4127147	25.98%	1.346%
42	13.220	1761	1767	1771	rBV	2119001	3441155	21.66%	1.122%
43	13.273	1771	1776	1784	rVB5	1823079	3724247	23.44%	1.215%
44	13.349	1784	1789	1802	rVB7	1271825	3282539	20.66%	1.071%
45	13.543	1816	1822	1825	rBV2	1067939	2182730	13.74%	0.712%
46	13.631	1832	1837	1844	rBV4	844217	1406606	8.85%	0.459%
47	14.013	1896	1902	1906	rBV5	1977277	4122380	25.95%	1.344%
48	14.184	1926	1931	1935	rVV3	1371800	2471934	15.56%	0.806%
49	14.236	1935	1940	1955	rVB6	2497013	6106935	38.44%	1.992%
50	14.354	1955	1960	1966	rBV5	1745801	3929766	24.74%	1.282%
51	14.565	1988	1996	2002	rBV4	1190161	3091371	19.46%	1.008%
52	14.695	2011	2018	2030	rBV5	1009632	3151723	19.84%	1.028%
53	14.865	2042	2047	2049	rBV3	975971	1568079	9.87%	0.511%
54	14.936	2056	2059	2070	rVB5	1090883	2697239	16.98%	0.880%
55	15.059	2070	2080	2087	rBV4	1324934	3734401	23.51%	1.218%
56	15.165	2087	2098	2101	rBV6	926853	2518760	15.86%	0.821%
57	15.241	2106	2111	2117	rBV6	1672310	2959967	18.63%	0.965%
58	15.318	2118	2124	2129	rBV4	1110122	2272099	14.30%	0.741%
59	15.459	2143	2148	2152	rBV5	756653	1372458	8.64%	0.448%
60	15.517	2153	2158	2166	rVB7	1202461	2481495	15.62%	0.809%
61	15.617	2166	2175	2177	rBV4	1365363	3024339	19.04%	0.986%
62	15.641	2177	2179	2183	rVB2	1559499	1794576	11.30%	0.585%
63	15.799	2201	2206	2210	rBV5	747476	1698875	10.69%	0.554%
64	15.852	2210	2215	2218	rVV2	1143127	2191726	13.80%	0.715%
65	15.887	2218	2221	2228	rVB3	1272576	2783609	17.52%	0.908%
66	16.117	2254	2260	2269	rVB7	428379	1349742	8.50%	0.440%
67	16.305	2286	2292	2303	rVB6	1297154	3932892	24.76%	1.283%
68	16.457	2312	2318	2322	rBV6	861183	1625794	10.23%	0.530%
69	16.504	2322	2326	2330	rBV3	1301469	1950471	12.28%	0.636%
70	16.551	2331	2334	2342	rVB4	965583	1537333	9.68%	0.501%
71	16.692	2354	2358	2361	rBV4	938513	1559647	9.82%	0.509%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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	16.804	2371	2377	2384	rVB7	909370	2085518	13.13%	0.680%
73	16.904	2385	2394	2398	rBV6	815223	2389182	15.04%	0.779%
74	16.963	2399	2404	2409	rVB4	1322180	2377455	14.97%	0.775%
75	17.439	2481	2485	2492	rVB2	792353	1372043	8.64%	0.447%
76	17.509	2492	2497	2500	rBV3	896567	1479240	9.31%	0.482%
77	17.709	2526	2531	2538	rVV	979763	2307534	14.53%	0.753%
78	17.779	2538	2543	2549	rVV2	1564649	3035979	19.11%	0.990%
79	18.032	2582	2586	2592	rVB2	1196576	1701287	10.71%	0.555%
80	18.461	2652	2659	2667	rBV3	3503369	5912411	37.22%	1.928%
81	18.678	2688	2696	2699	rBV6	1278271	2542562	16.01%	0.829%
82	18.714	2699	2702	2706	rVB2	1221876	1437380	9.05%	0.469%
83	19.307	2796	2803	2806	rBV5	897657	1842214	11.60%	0.601%
84	19.336	2806	2808	2819	rVB3	1285166	1847749	11.63%	0.603%
85	19.595	2843	2852	2865	rBV6	2188191	8457445	53.24%	2.758%
86	19.830	2887	2892	2898	rBV2	1644149	3381340	21.29%	1.103%
87	19.883	2898	2901	2904	rVV	1841391	2762884	17.39%	0.901%
88	19.912	2904	2906	2913	rVV3	1856045	2634665	16.59%	0.859%
89	19.983	2913	2918	2930	rVB2	1991855	4309885	27.13%	1.406%
90	20.417	2987	2992	2993	rBV2	1476978	1654977	10.42%	0.540%
91	20.917	3072	3077	3097	rVB3	2228863	4719090	29.71%	1.539%
92	21.457	3161	3169	3180	rVB	1402002	3058877	19.26%	0.998%
93	21.904	3241	3245	3251	rVB	864135	1532384	9.65%	0.500%
94	21.998	3257	3261	3275	rVB5	553851	1481057	9.32%	0.483%
95	23.343	3484	3490	3507	rVB7	809021	3434773	21.62%	1.120%
96	25.106	3781	3790	3800	rVB2	760893	2199975	13.85%	0.717%
97	25.341	3823	3830	3844	rVB	531393	1639293	10.32%	0.535%
98	25.911	3919	3927	3935	rVB5	450613	1355658	8.53%	0.442%
99	26.551	4030	4036	4046	rVB7	490821	1579599	9.94%	0.515%
100	27.192	4125	4145	4165	rVB5	1860041	9037998	56.89%	2.948%

Sum of corrected areas: 306618250

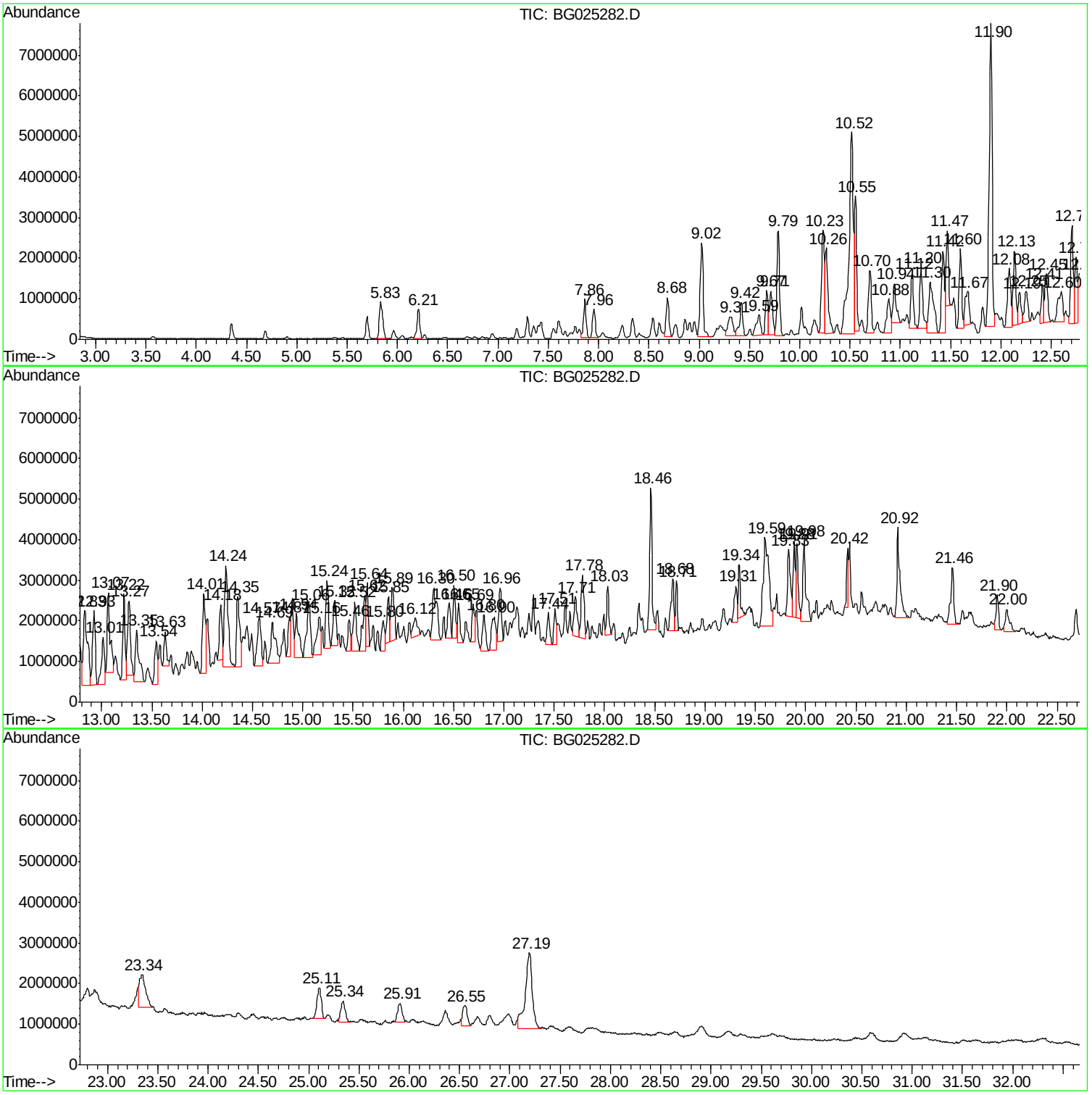
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

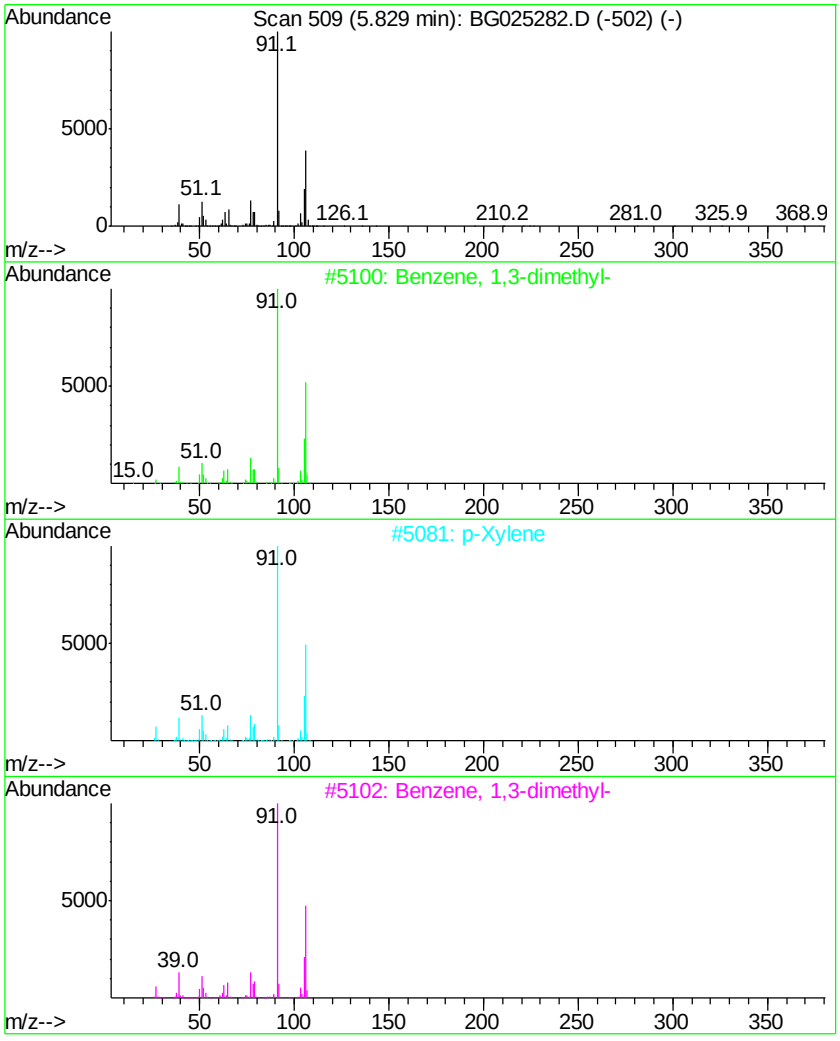
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

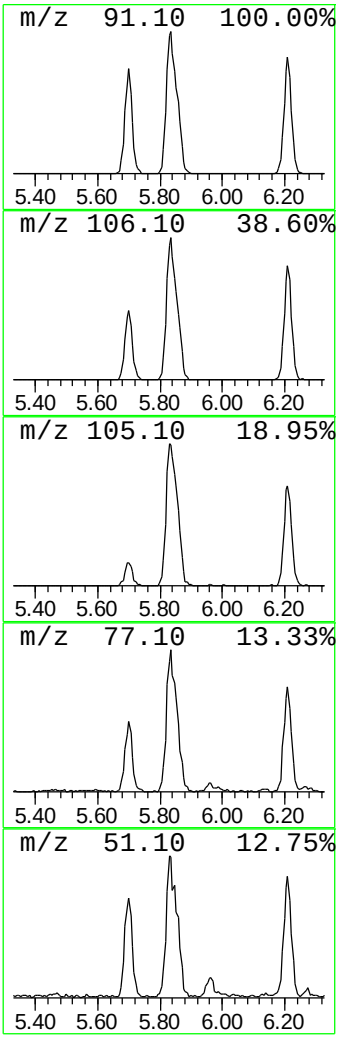
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	32.90 ng/ul	2192260	1,4-Dichlorobenzene-d4	8.23

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





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

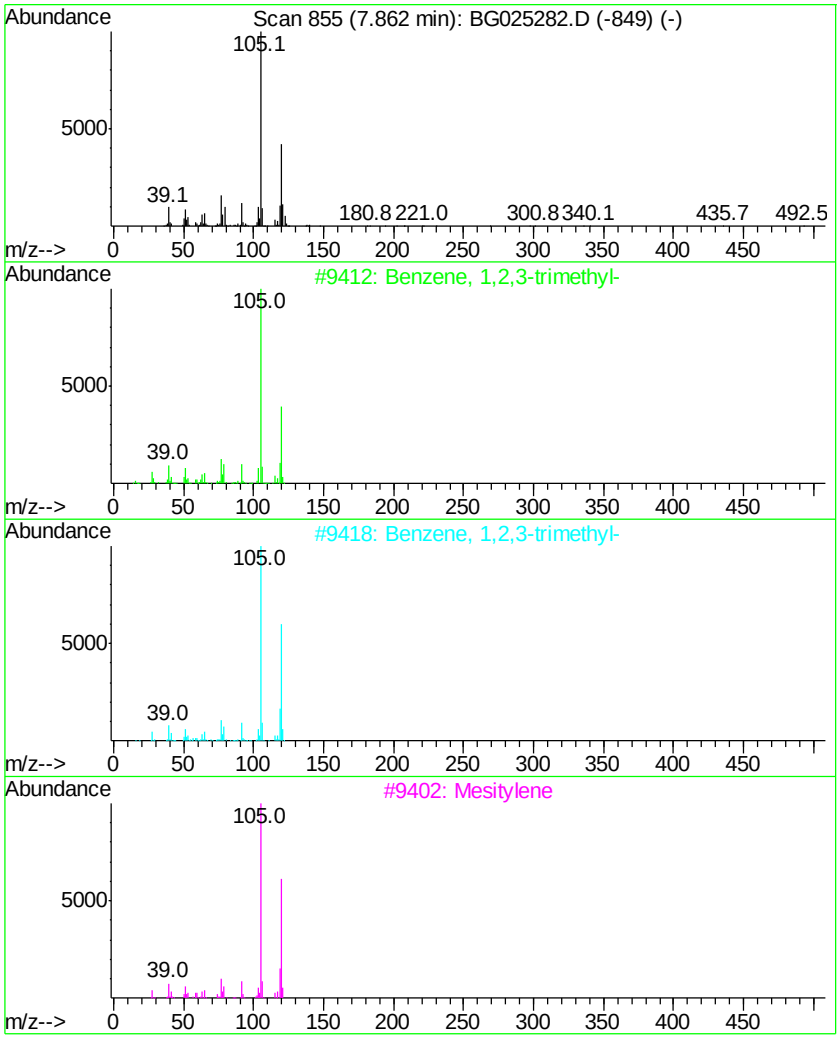
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

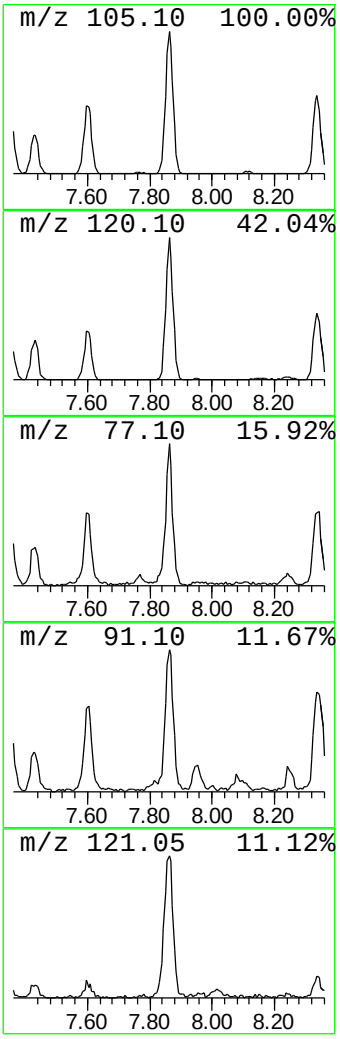
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	26.29 ng/ul	1751980	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Mesitylene	120	C9H12	000108-67-8	90
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

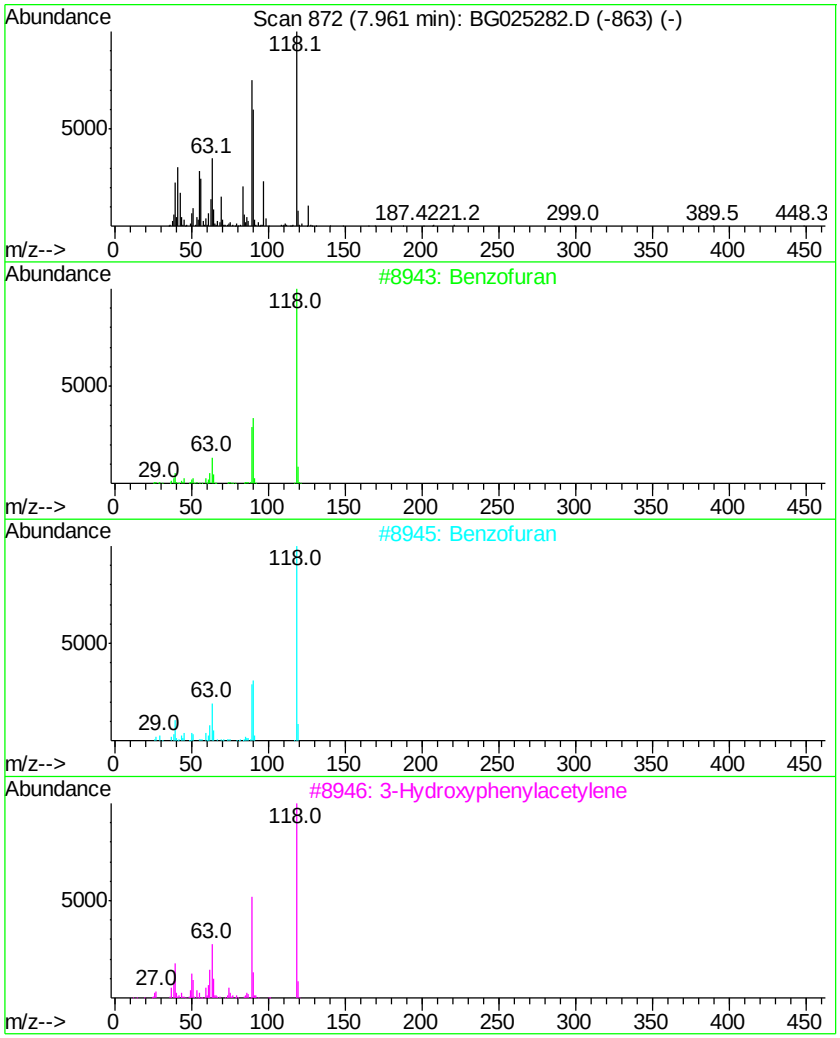
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

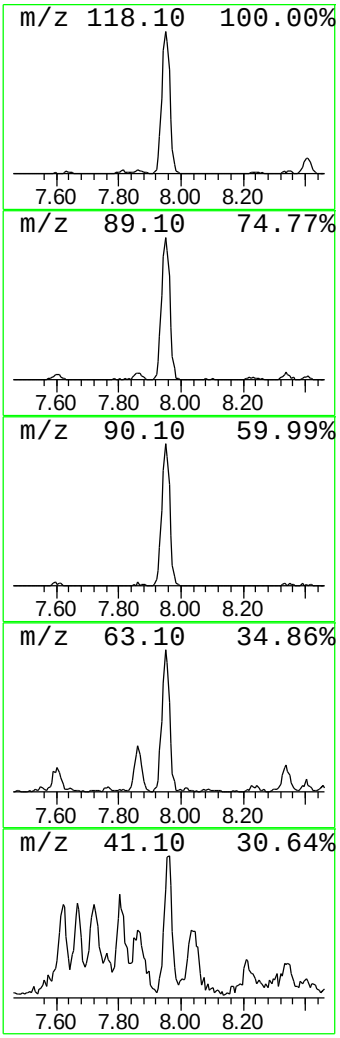
****

Peak Number 4 Benzofuran Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	20.00 ng/ul	1332720	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	86
3	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	70
4	Benzocyclobuten-1(2H)-one	118	C8H6O	003469-06-5	58
5	Thiopropionamide	89	C3H7NS	000631-58-3	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

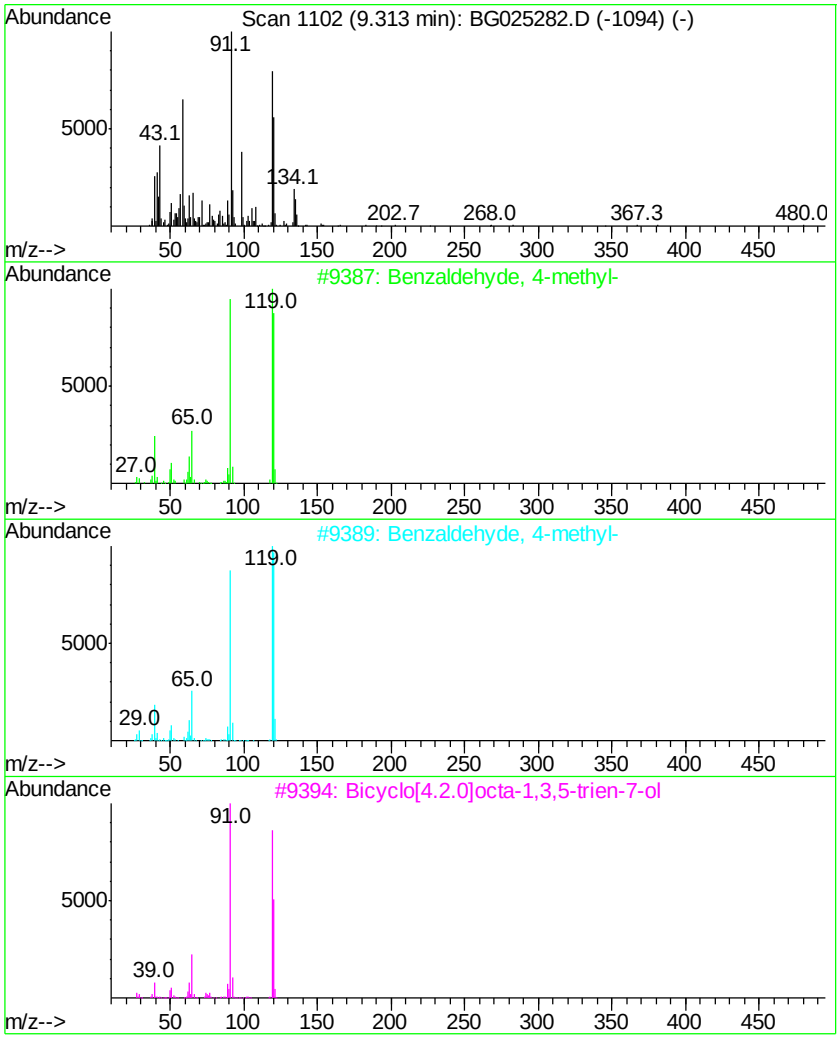
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

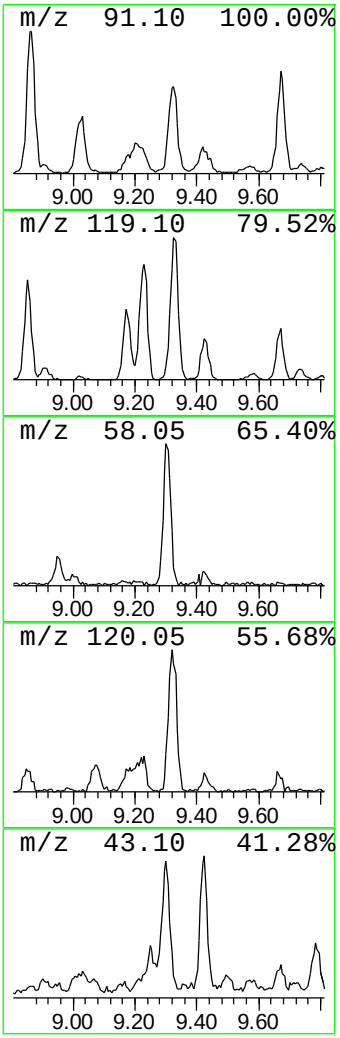
****

Peak Number 5 Benzaldehyde, 4-methyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.31	25.29 ng/ul	1685350	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	55
2	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	53
3	Bicyclo[4.2.0]octa-1,3,5-trien-7-ol	120	C8H8O	035447-99-5	53
4	Benzaldehyde, 2-methyl-	120	C8H8O	000529-20-4	50
5	Benzaldehyde, 4-methyl-	120	C8H8O	000104-87-0	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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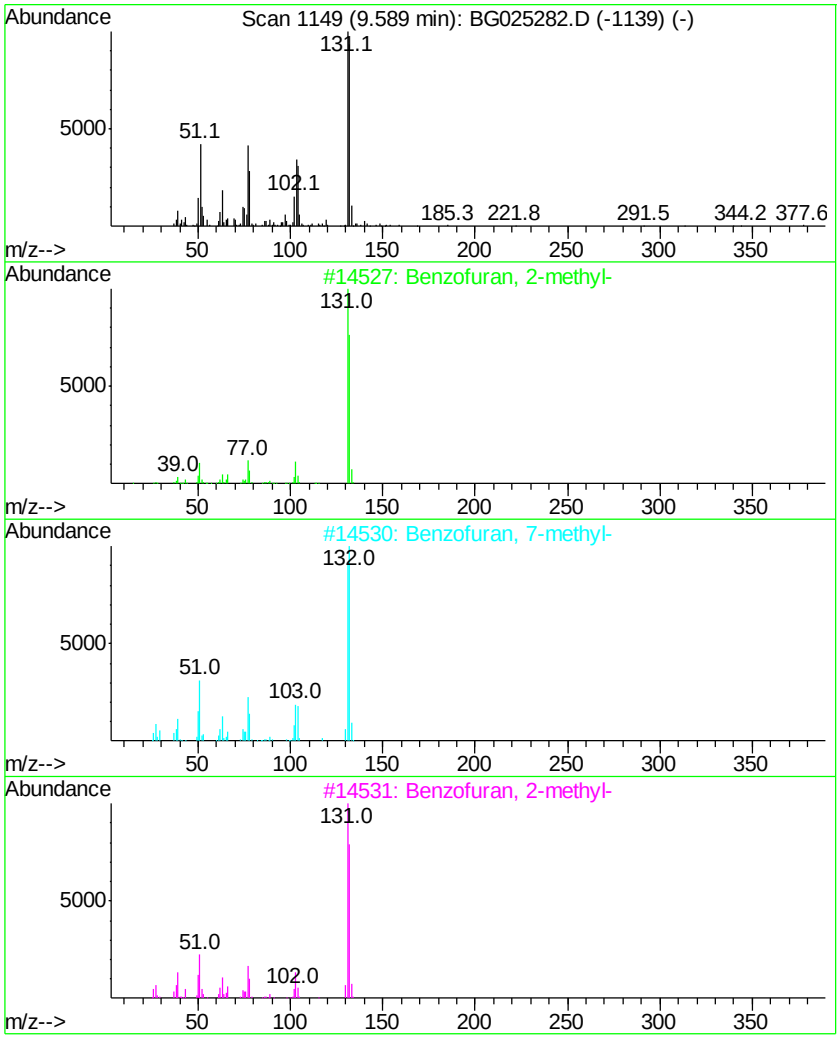
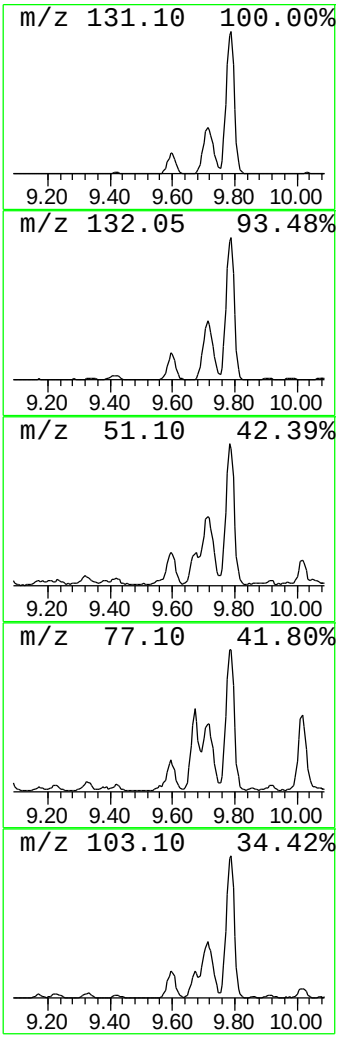
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	22.42 ng/ul	1493930	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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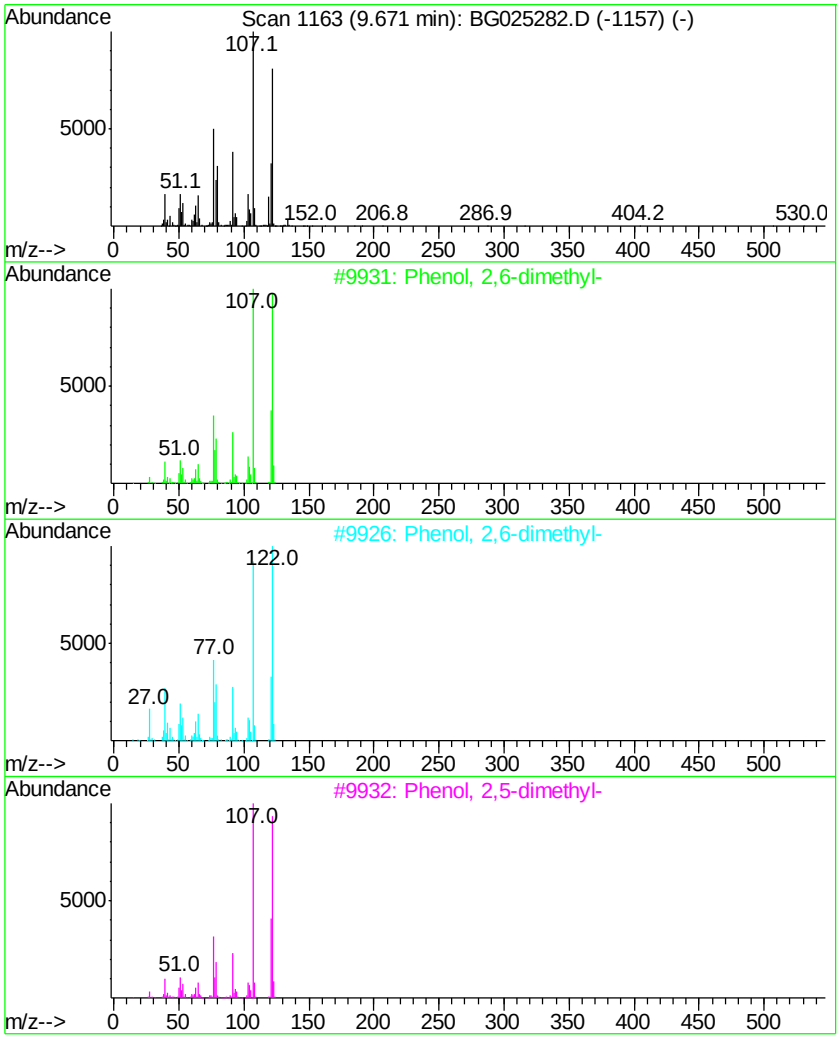
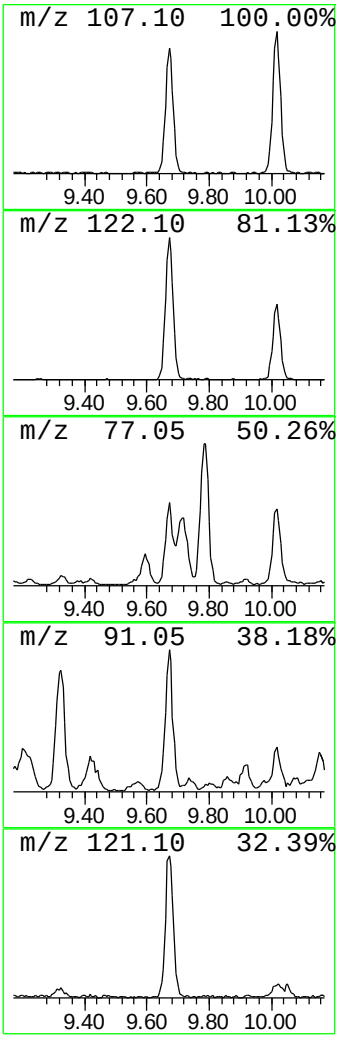
Peak Number 7 Phenol, 2,6-dimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	14.95 ng/ul	1913820	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	94
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	93
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	91





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Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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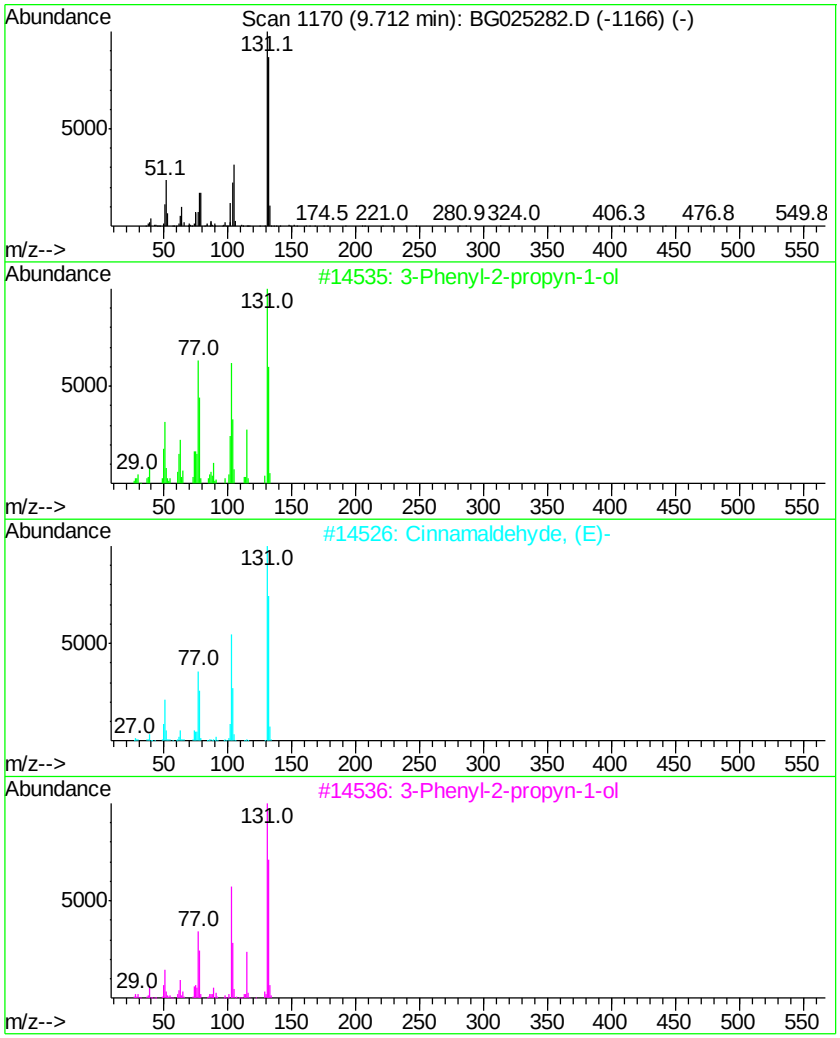
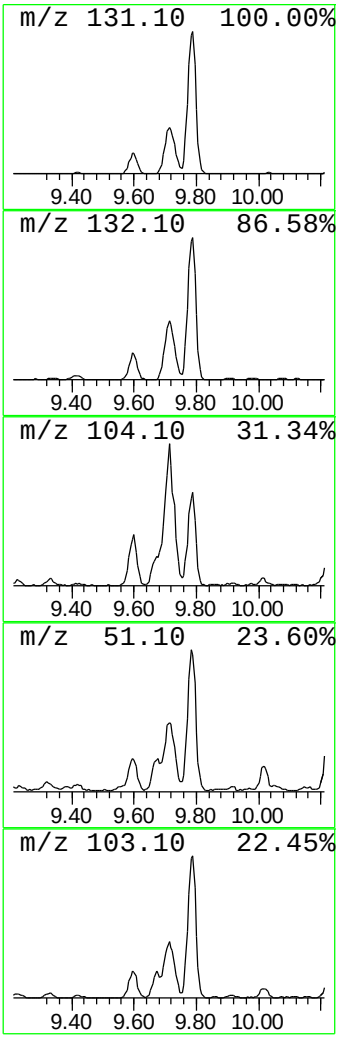
Peak Number 8 3-Phenyl-2-propyn-1-ol Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	19.02 ng/ul	2433530	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87





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Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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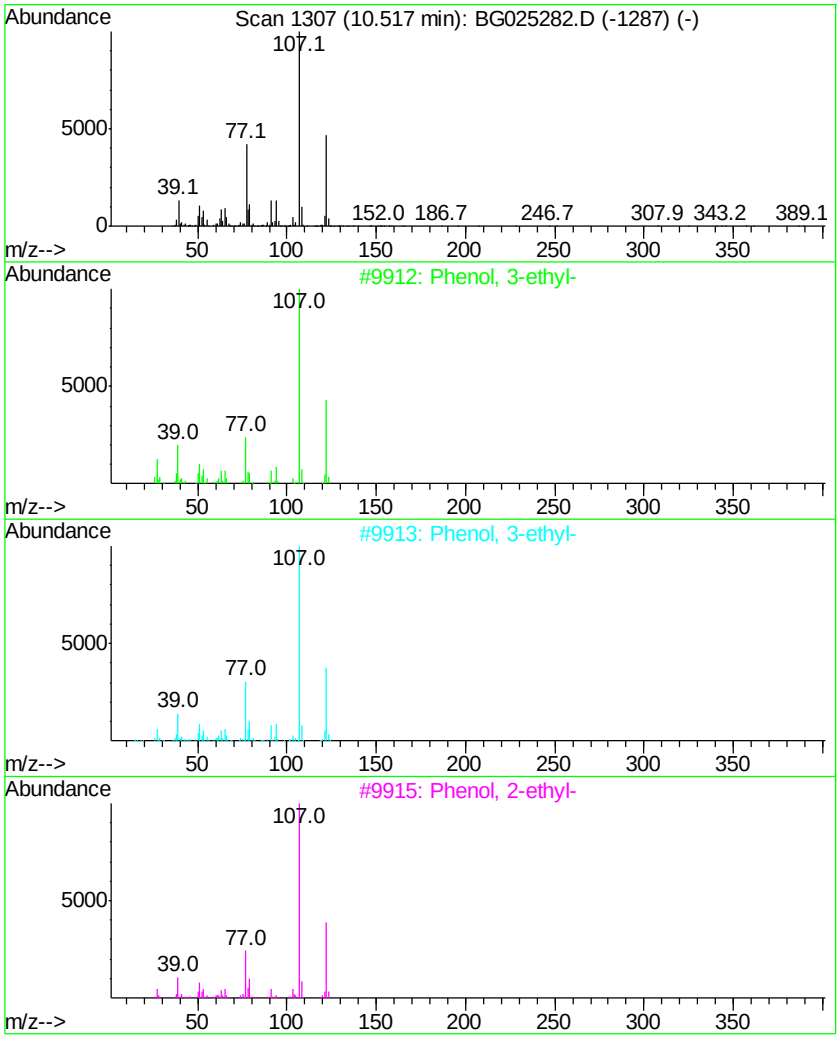
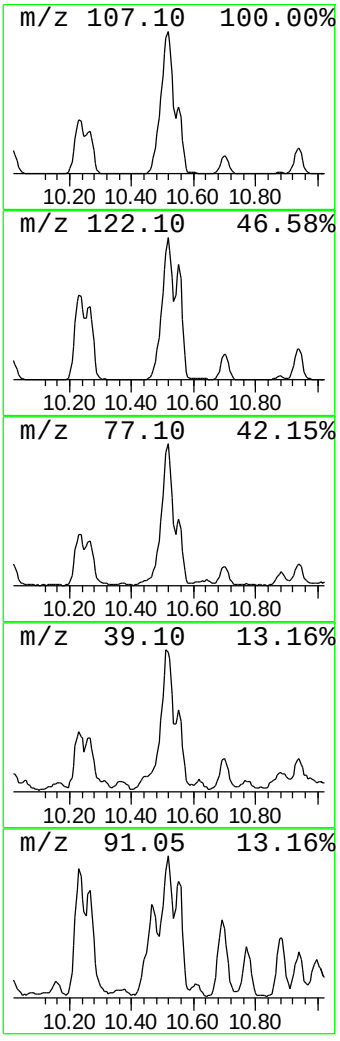
Peak Number 10 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	119.32 ng/ul	15270700	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	93
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	91
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	87





Library Search Compound Report

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Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

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

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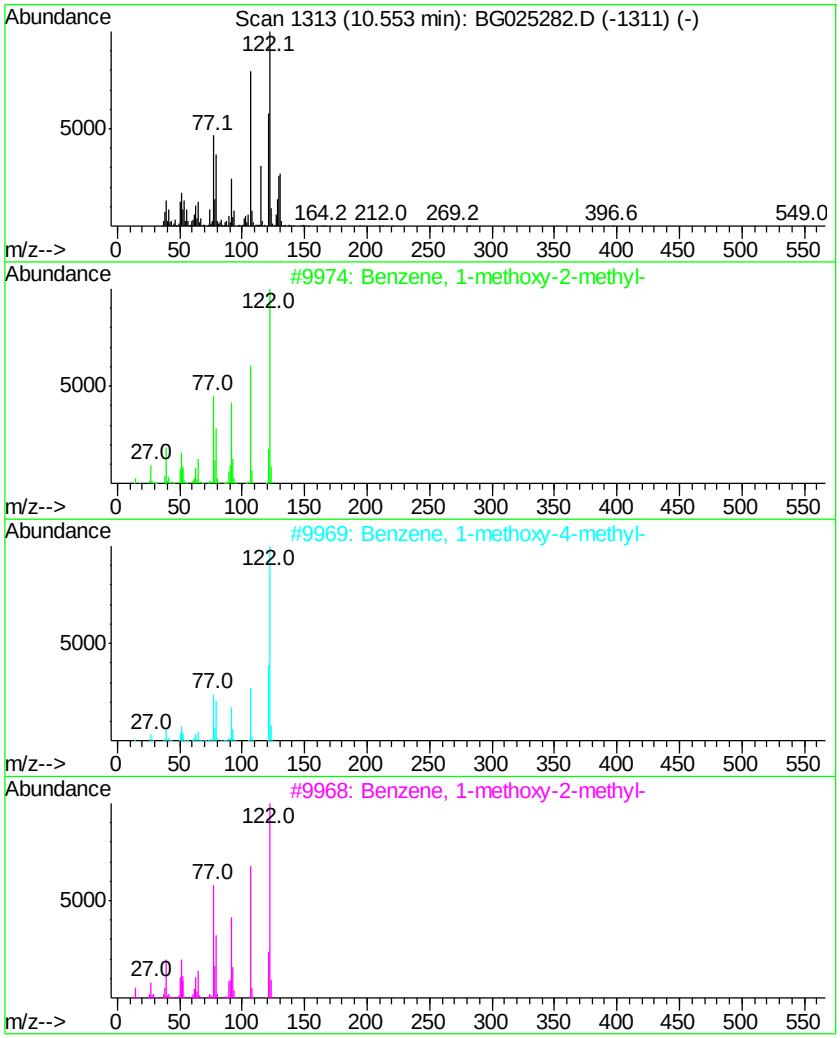
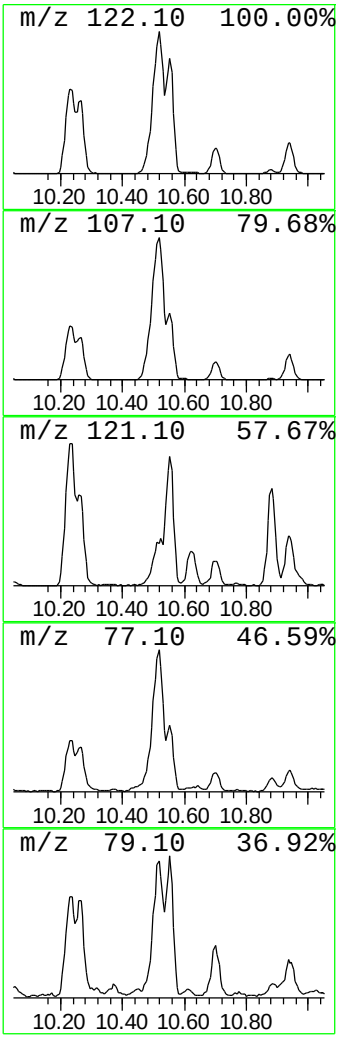
Peak Number 11 Benzene, 1-methoxy-2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	36.87 ng/ul	4719020	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	76
2	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	76
3	Benzene, 1-methoxy-2-methyl-	122	C8H10O	000578-58-5	70
4	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	70
5	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	70





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Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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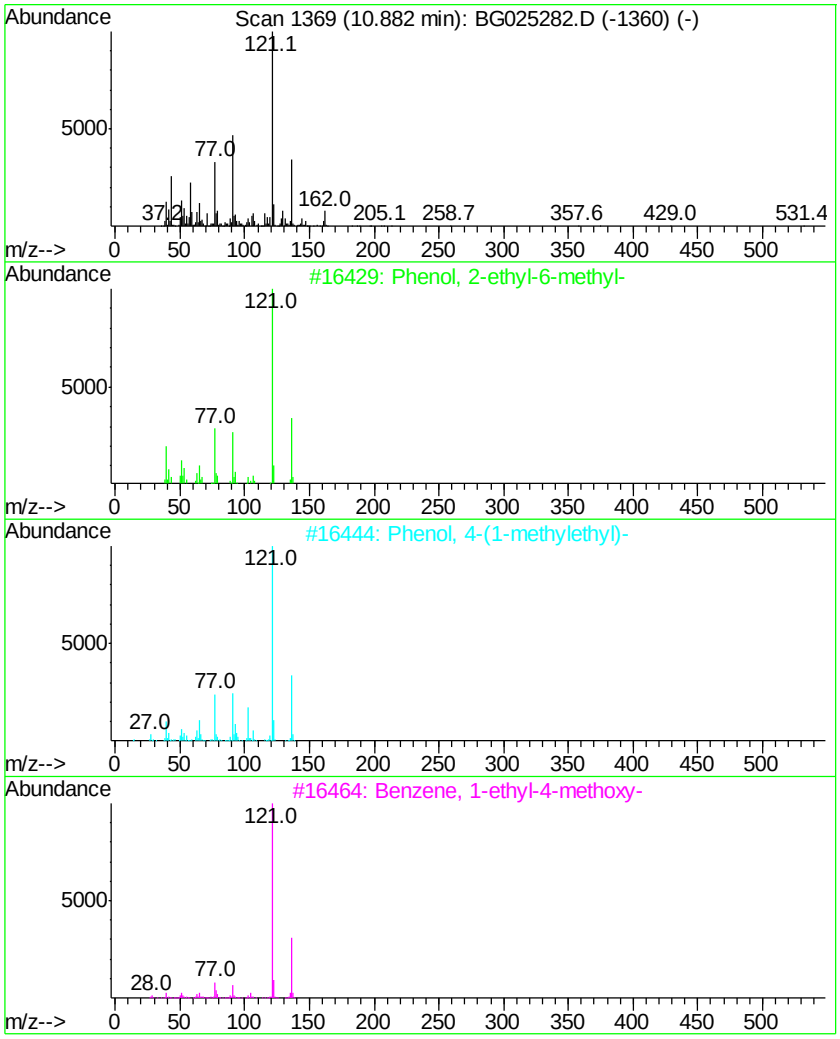
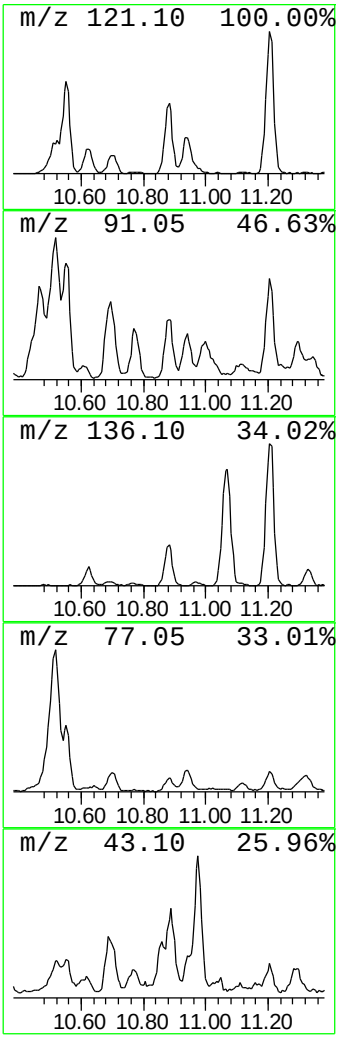
Peak Number 12 Phenol, 2-ethyl-6-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.88	16.63 ng/ul	2128600	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	89
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	76
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	68
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	68
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	68





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Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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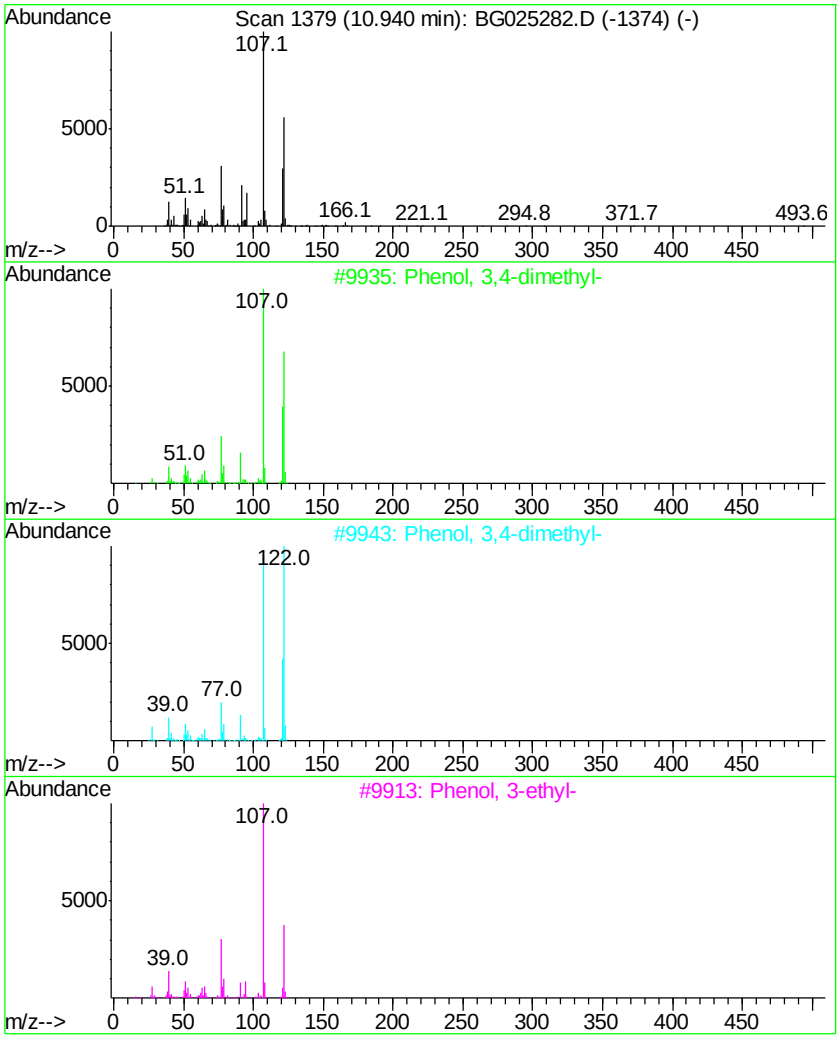
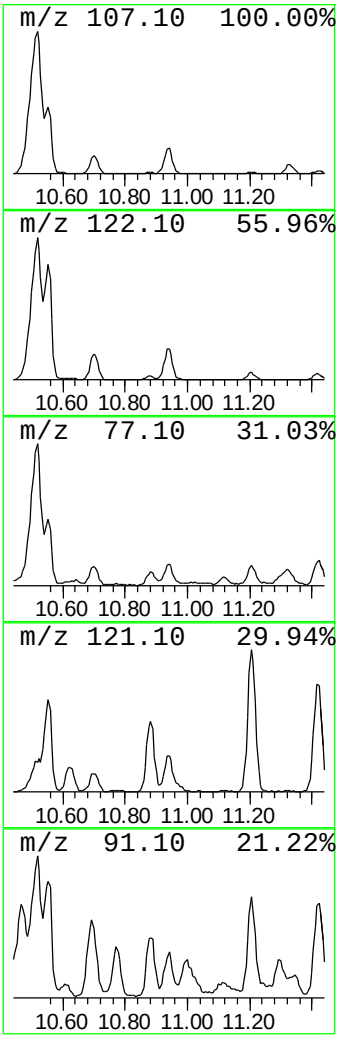
Peak Number 13 Phenol, 3,4-dimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	16.34 ng/ul	2091270	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	93
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	87
5	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	83





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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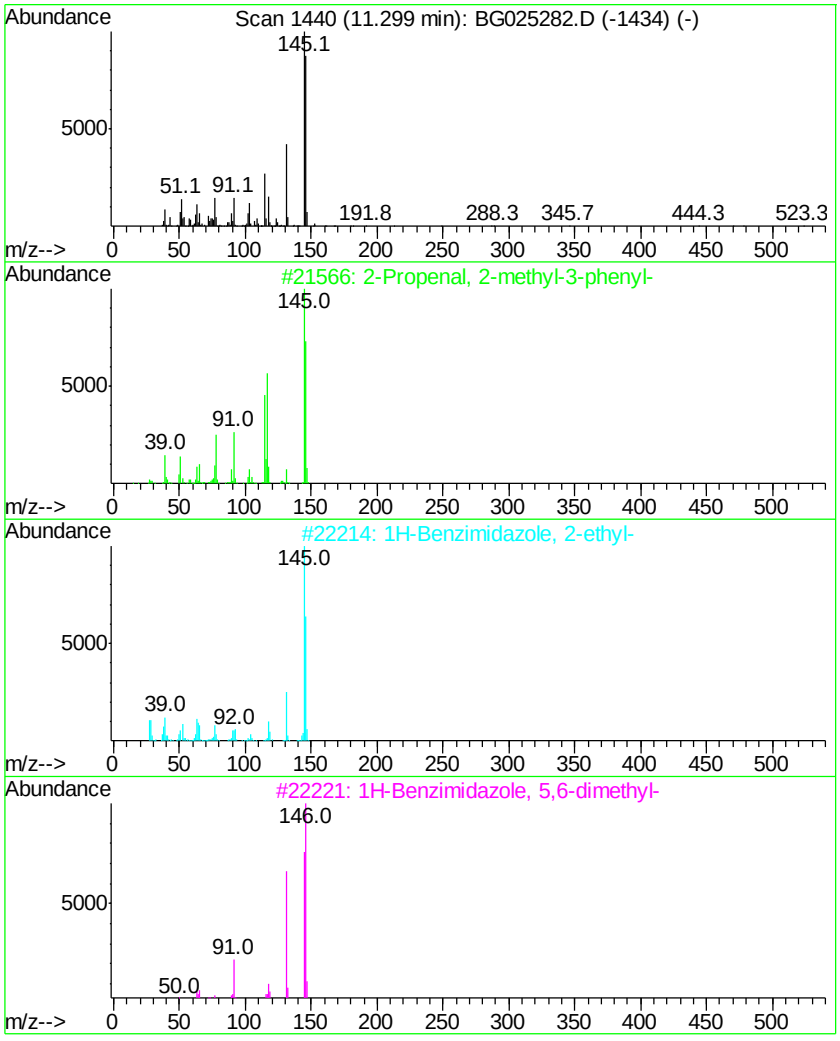
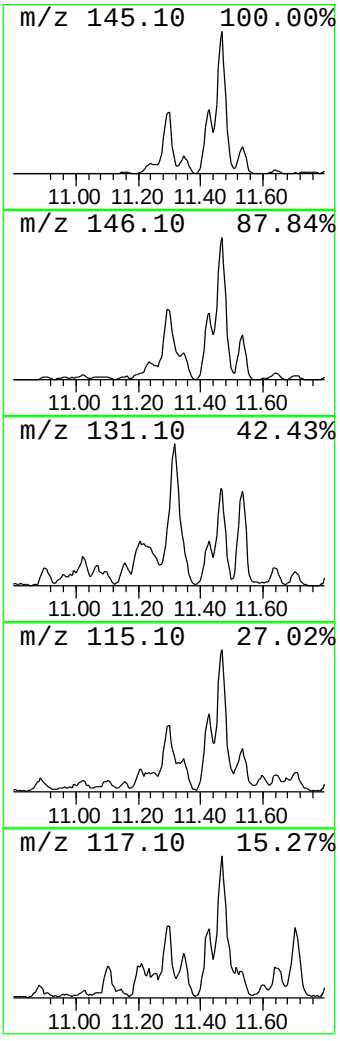
Peak Number 14 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	33.92 ng/ul	4340490	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	53
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	50
4	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	50
5	1,5-Dihydroxy-1,2,3,4-tetrahydro...	164	C10H12O2	040771-26-4	45





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Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

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

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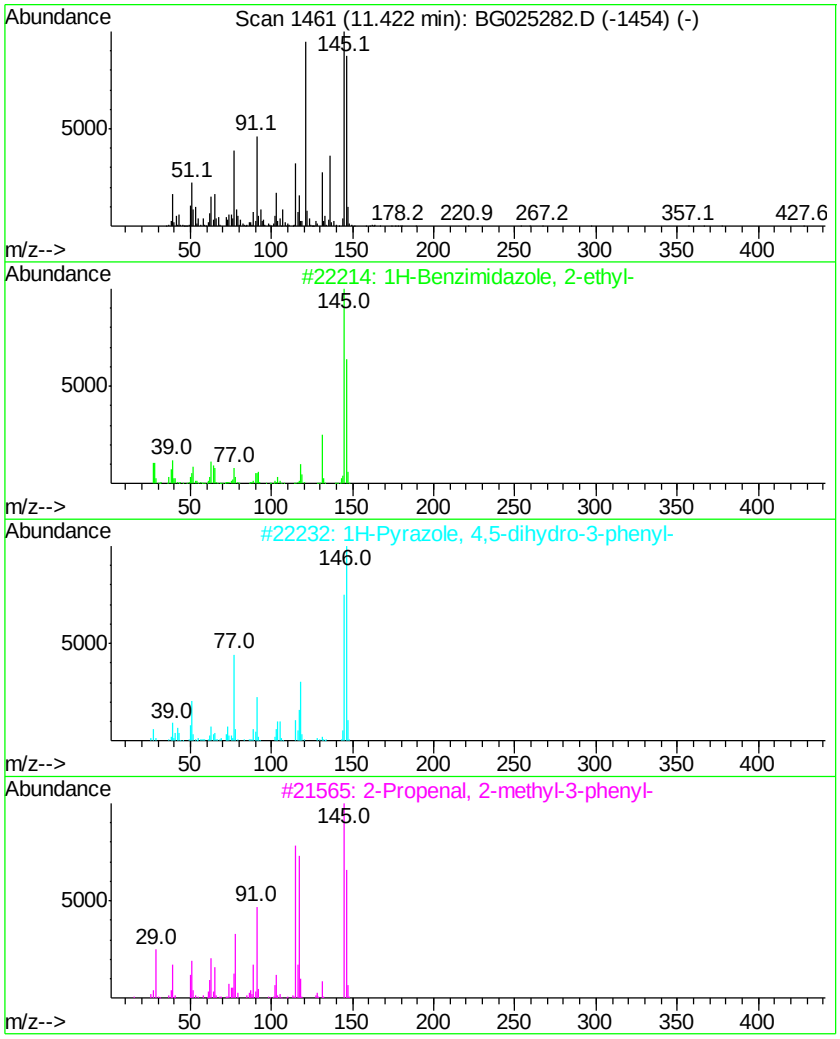
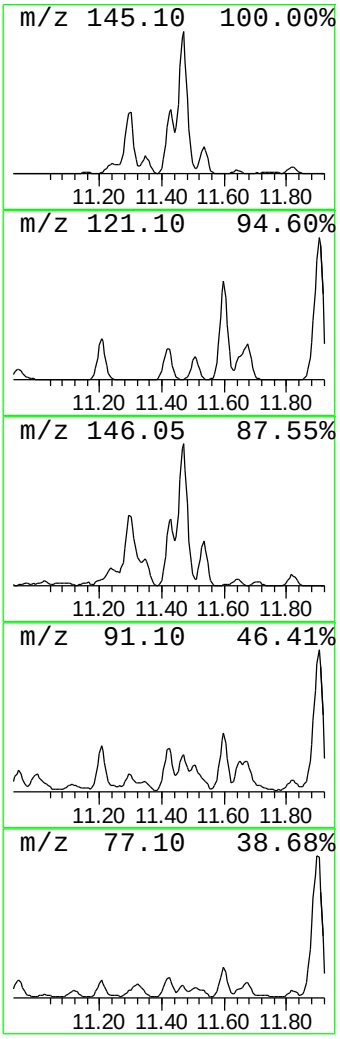
Peak Number 15 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	32.53 ng/ul	4163550	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	43
2	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	43
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	43
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	42
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	38





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Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

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

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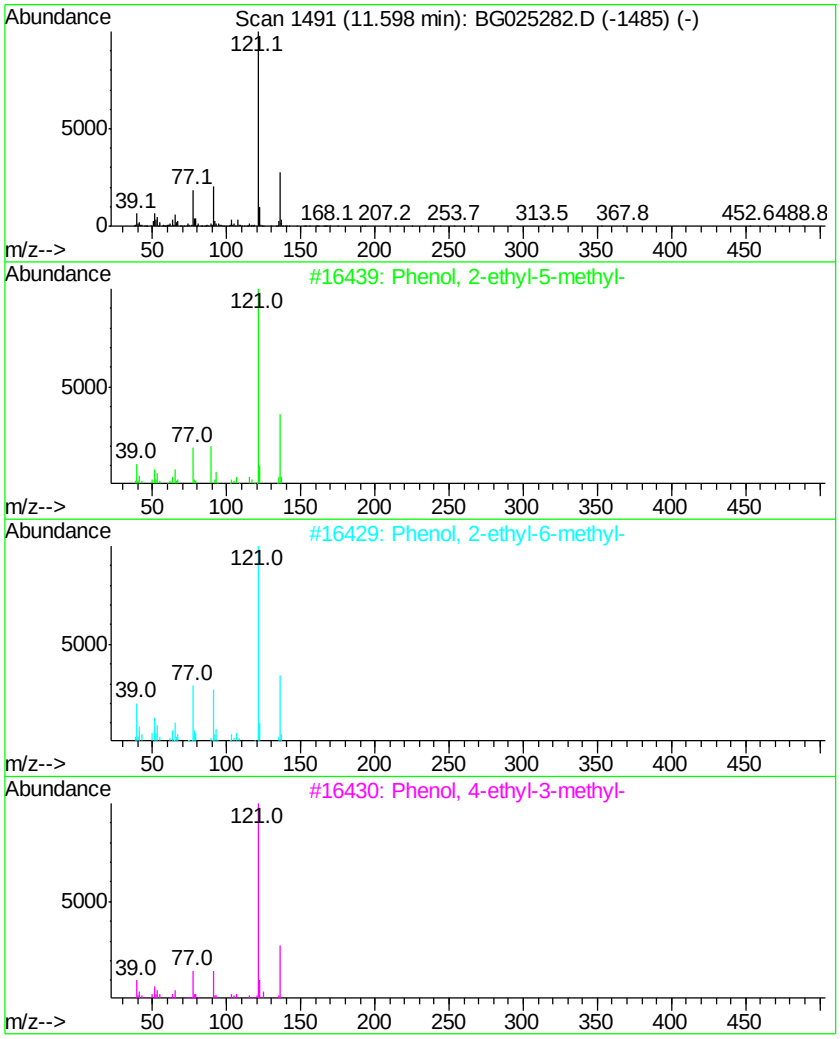
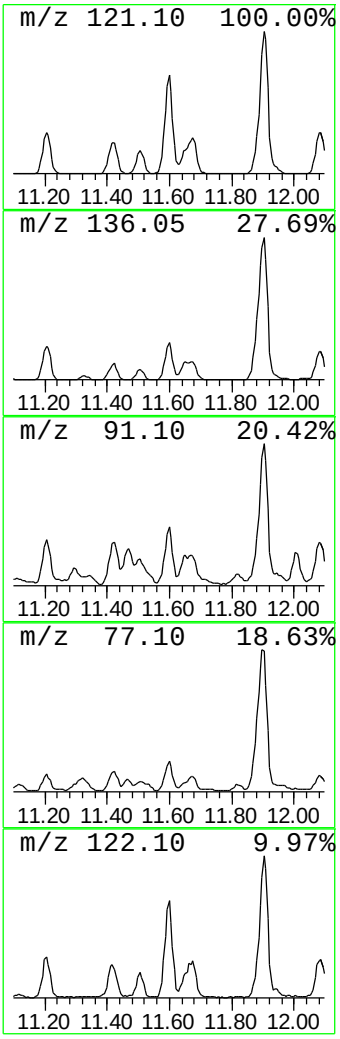
Peak Number 17 Phenol, 2-ethyl-5-methyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	26.39 ng/ul	3377820	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	91
3	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	91
5	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90





Library Search Compound Report

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Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

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

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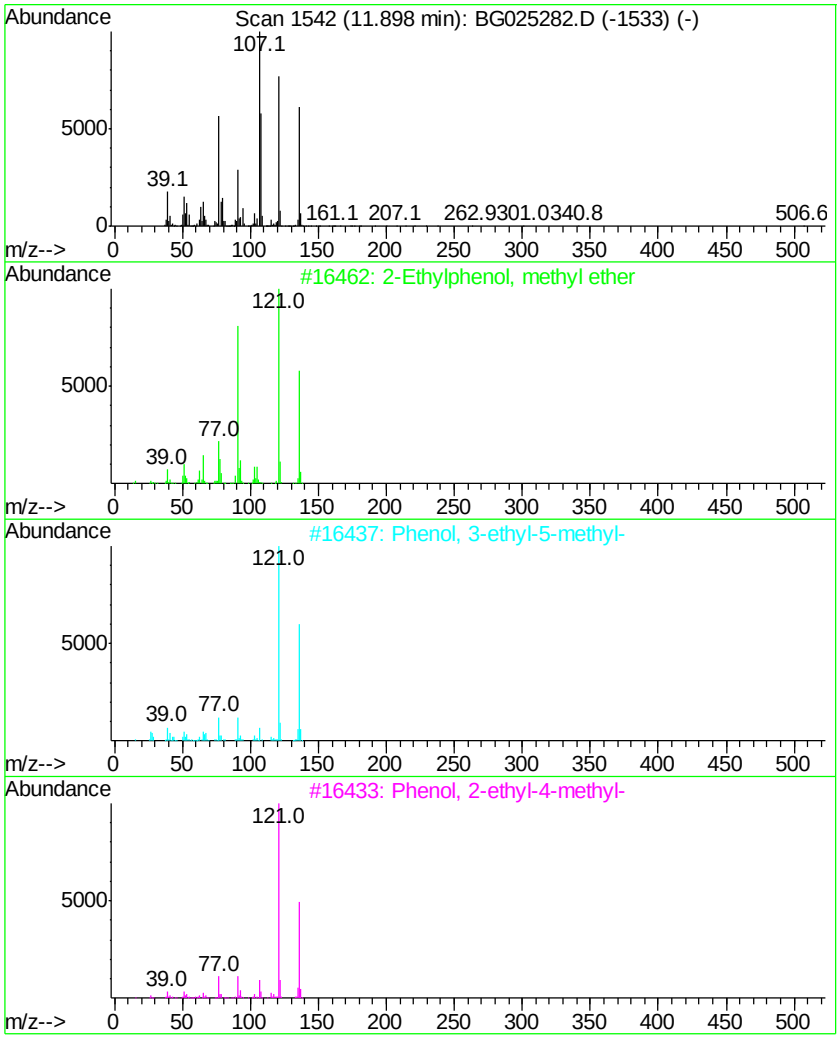
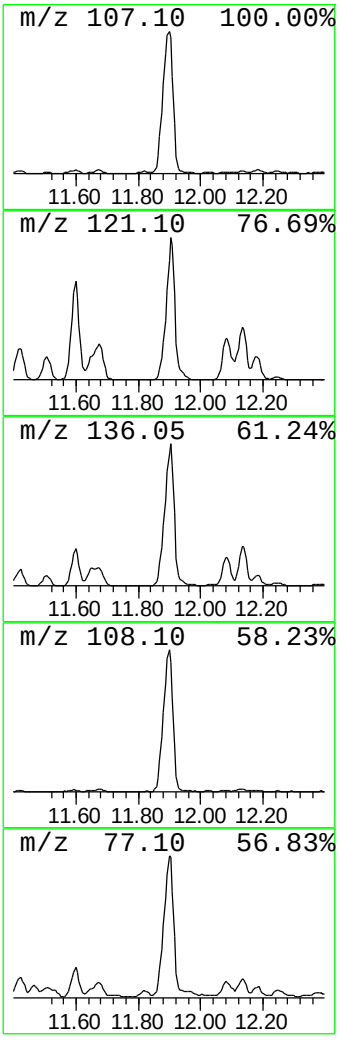
Peak Number 19 2-Ethylphenol, methyl ether Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.90	124.13 ng/ul	15885500	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethylphenol, methyl ether	136	C9H12O	1000333-44-2	53
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	53
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	53
4	Phenol, 3-propyl-	136	C9H12O	000621-27-2	52
5	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	45





Library Search Compound Report

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Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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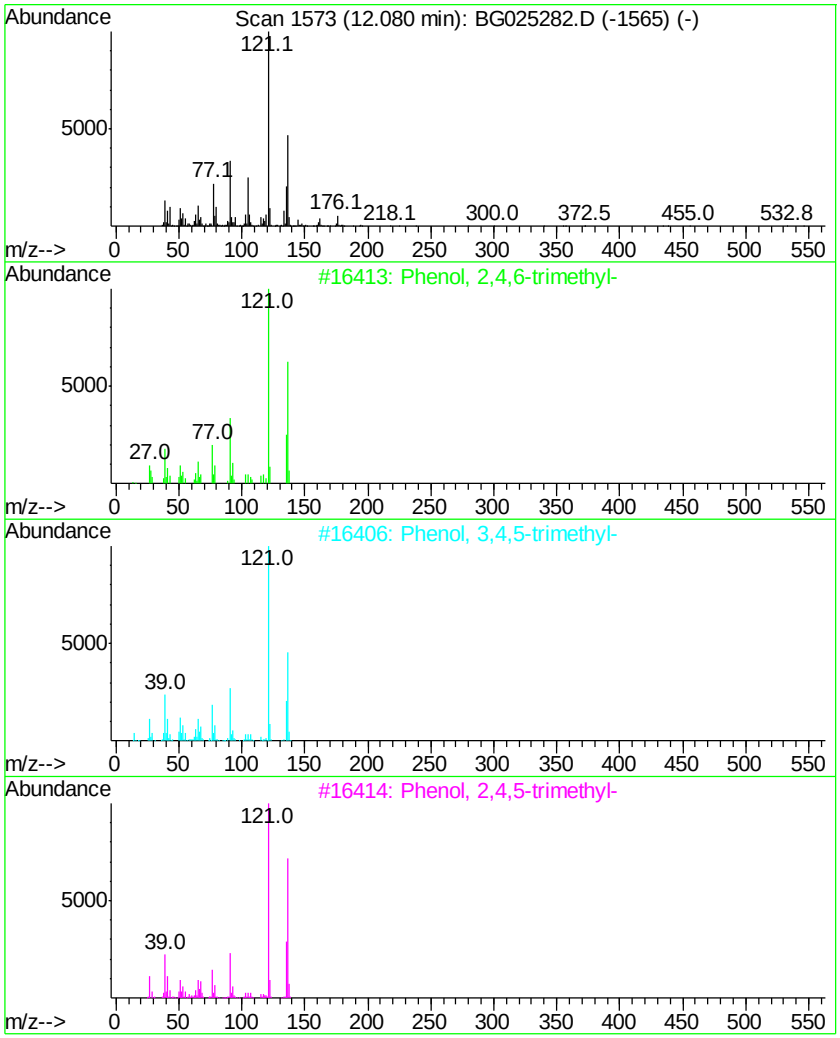
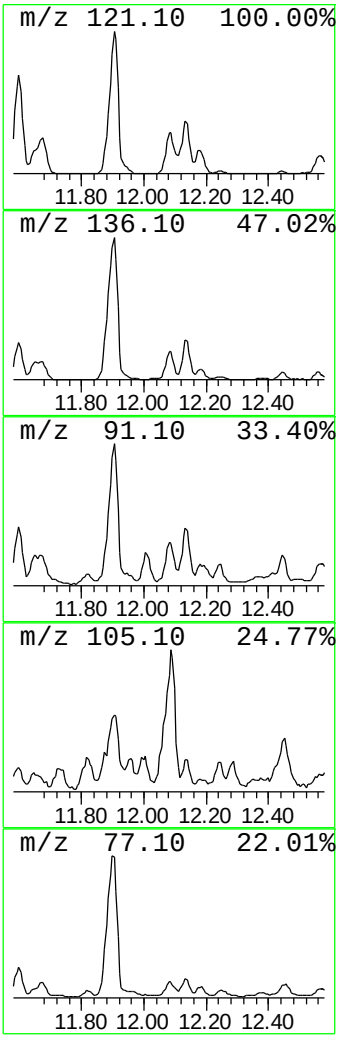
Peak Number 20 Phenol, 2,4,6-trimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	26.61 ng/ul	3405690	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	83
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	81
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	76
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	74





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Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

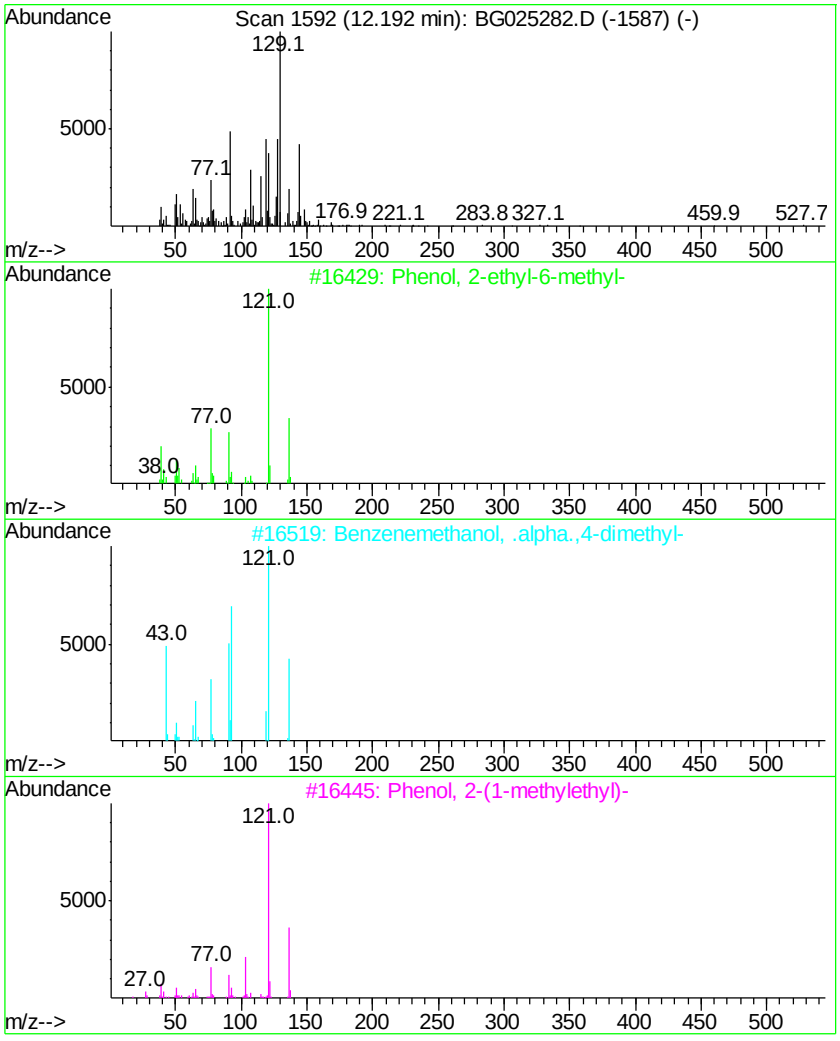
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

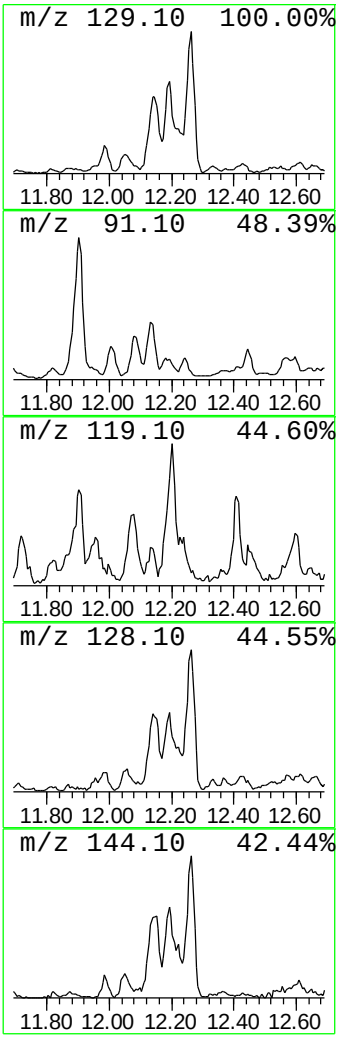
****

Peak Number 22 unknown-02 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	12.03 ng/ul	1540120	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	49
2	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	49
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	46
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	46
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	46





Library Search Compound Report

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Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

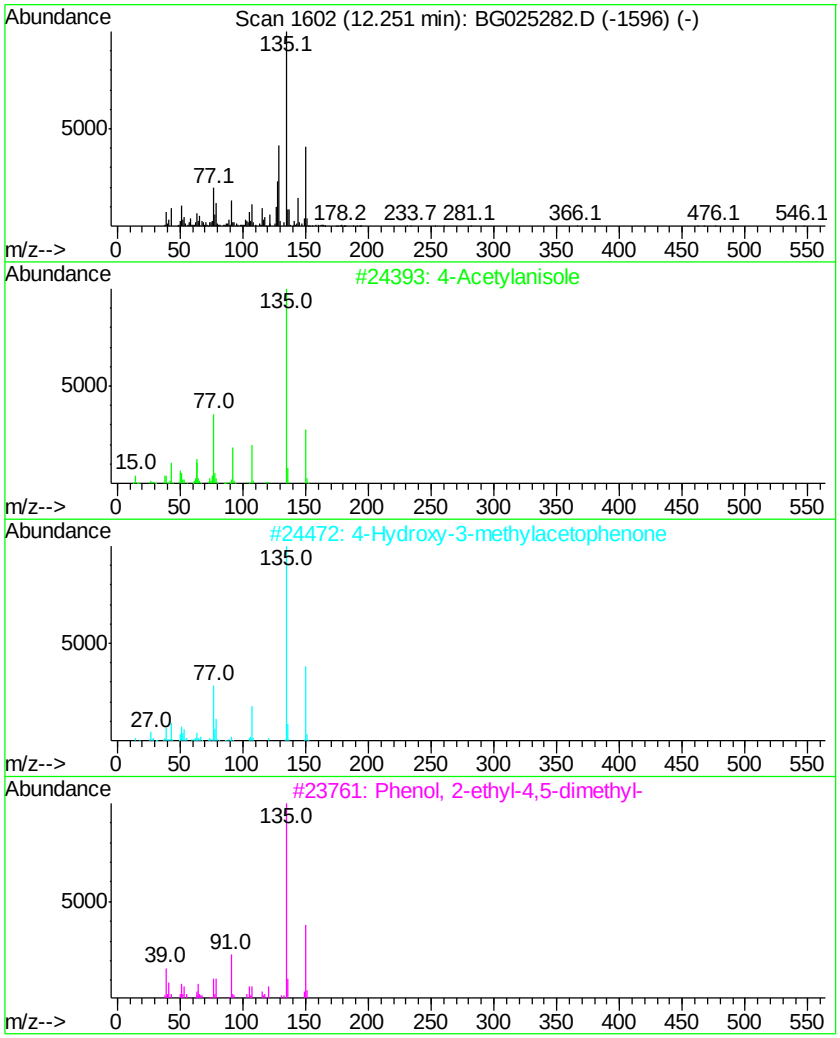
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

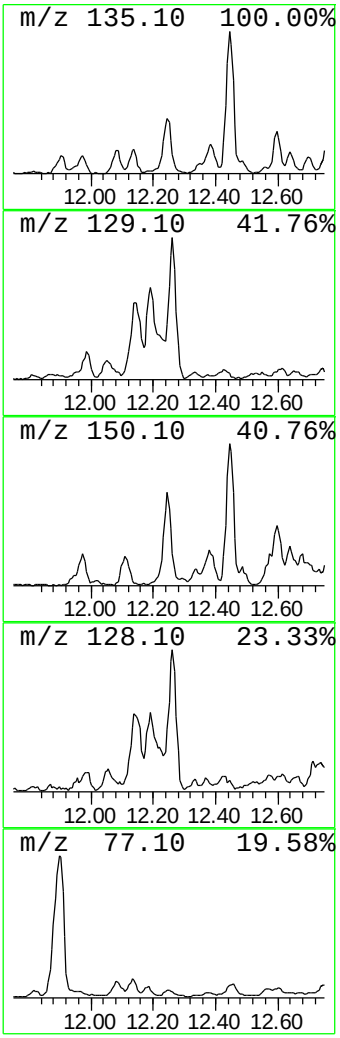
****

Peak Number 23 4-Acetylanisole Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	14.30 ng/ul	1830090	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Acetylanisole	150	C9H10O2	000100-06-1	64
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	64
3	Phenol, 2-ethyl-4,5-dimethyl-	150	C10H14O	002219-78-5	60
4	3-Methoxyacetophenone	150	C9H10O2	000586-37-8	58
5	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	53





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Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

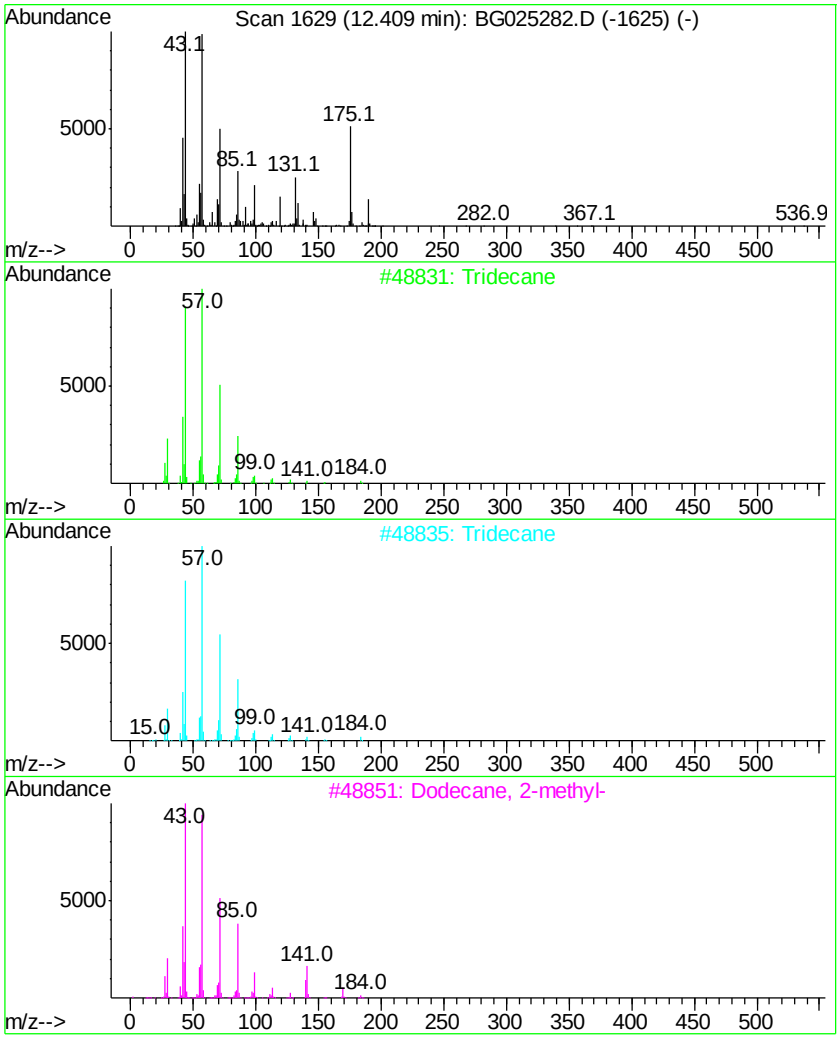
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

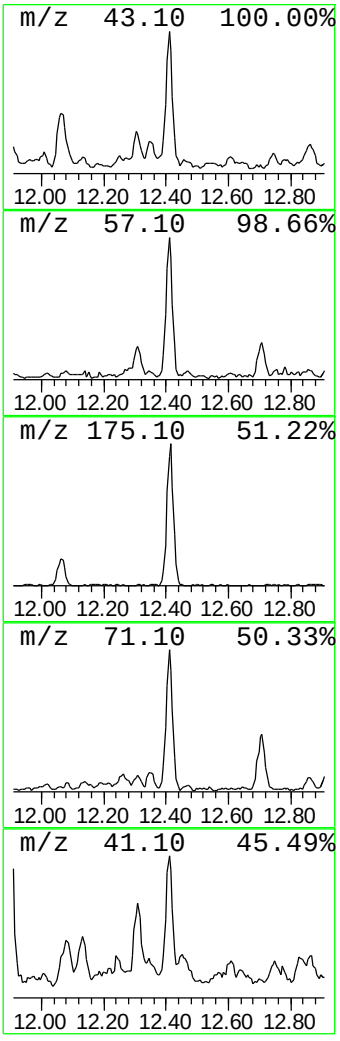
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 (DEL) Alkane: Branched12.41 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	12.28 ng/ul	1571340	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	46
2	Tridecane	184	C13H28	000629-50-5	41
3	Dodecane, 2-methyl-	184	C13H28	001560-97-0	41
4	Tridecane	184	C13H28	000629-50-5	41
5	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38





Library Search Compound Report

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Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

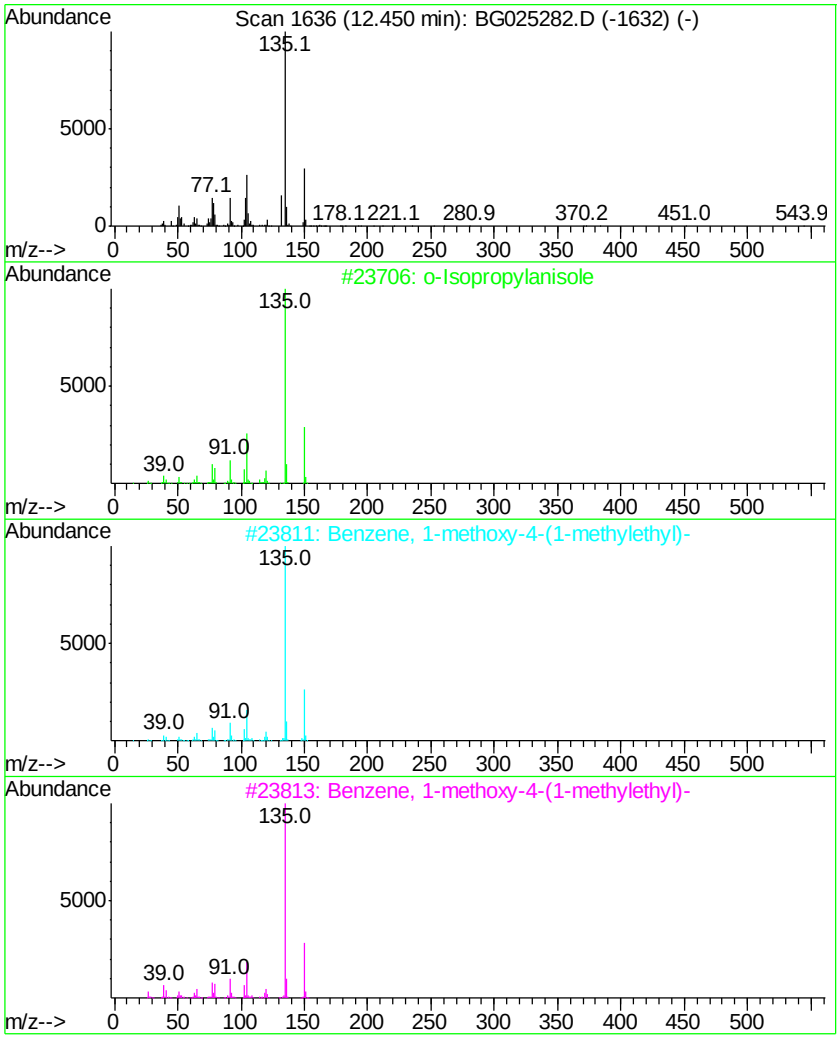
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

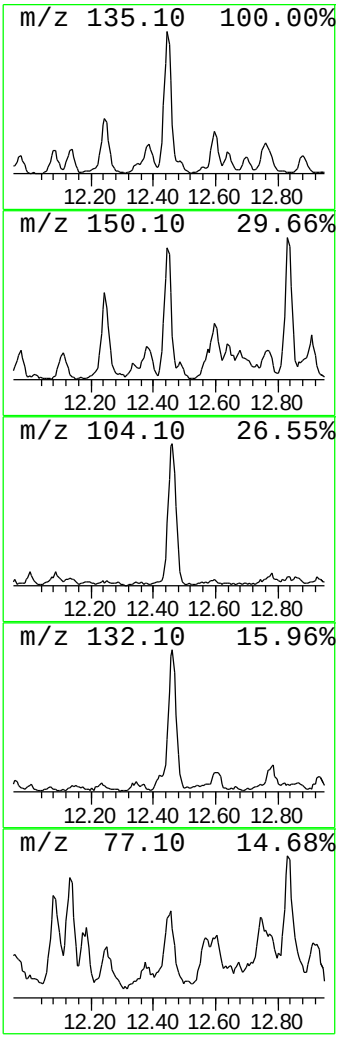
****

Peak Number 25 o-Isopropylanisole Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.45	18.29 ng/ul	2340650	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Isopropylanisole	150	C10H14O	002944-47-0	64
2	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	58
3	Benzene, 1-methoxy-4-(1-methylet...	150	C10H14O	004132-48-3	58
4	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	53
5	4-Hydroxy-2-methylacetophenone	150	C9H10O2	000875-59-2	52





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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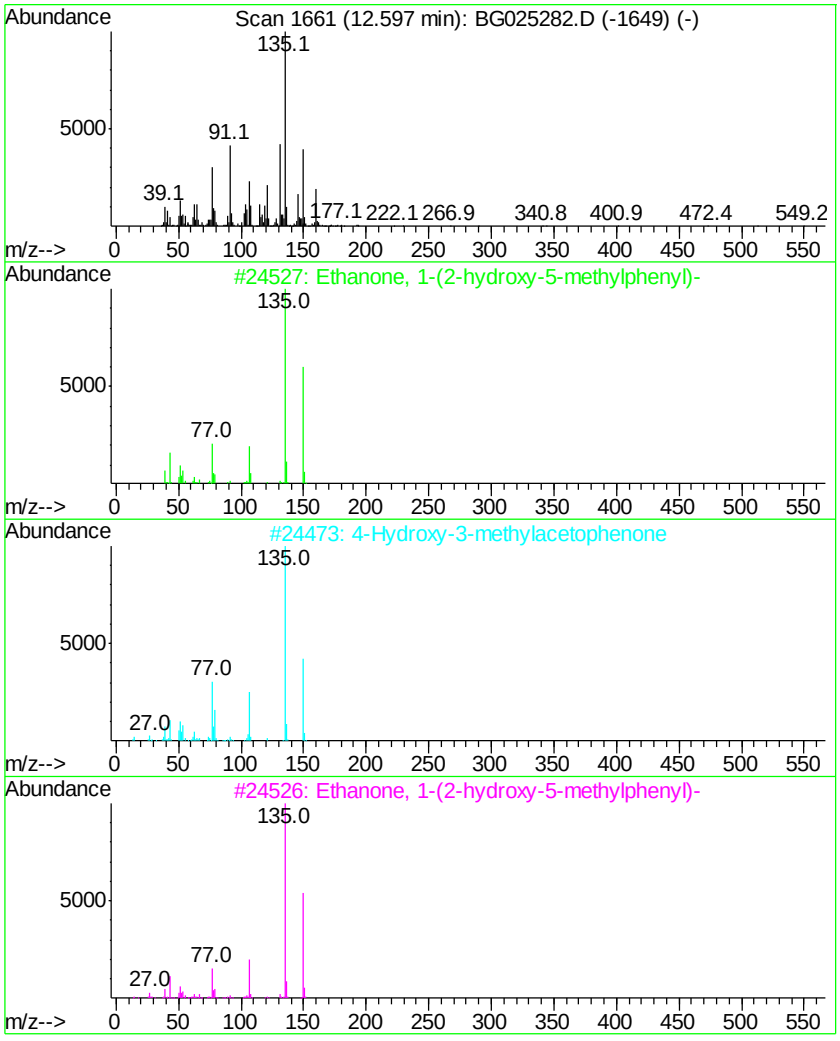
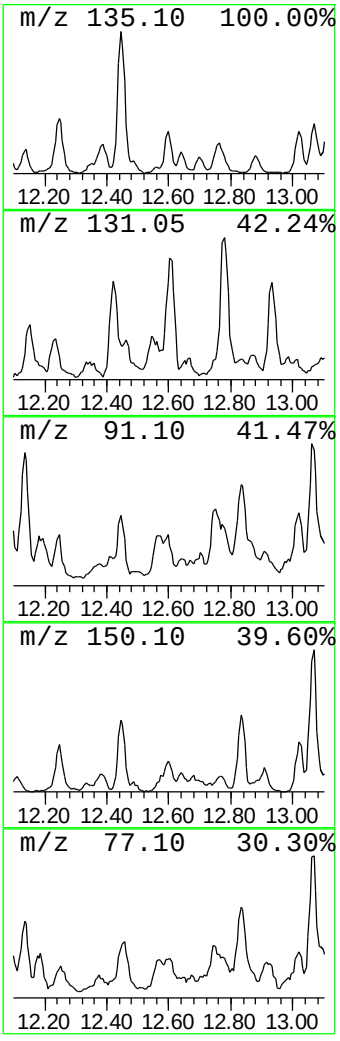
Peak Number 26 Ethanone, 1-(2-hydroxy-5-me... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.60	19.90 ng/ul	2546710	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	64
2	4-Hydroxy-3-methylacetophenone	150	C9H10O2	000876-02-8	60
3	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	60
4	2,5-Diethylphenol	150	C10H14O	000876-20-0	55
5	Ethanone, 1-(2-hydroxy-5-methylp...	150	C9H10O2	001450-72-2	53





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Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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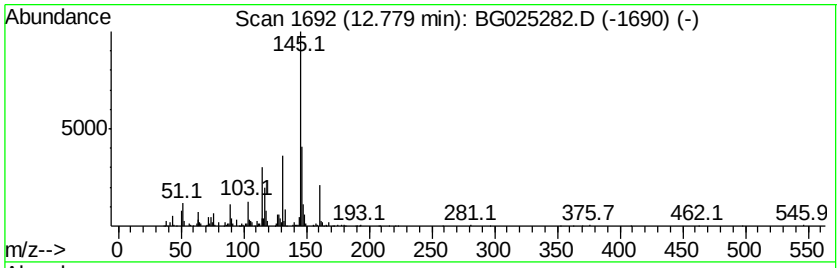
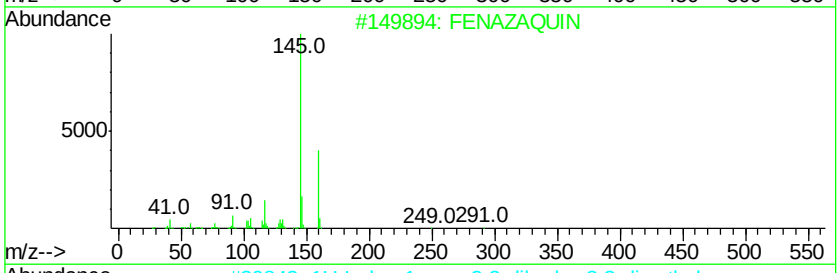
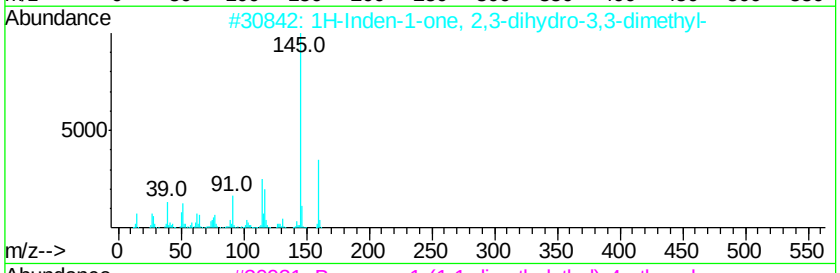
Peak Number 27 FENAZAQUIN Concentration Rank 64

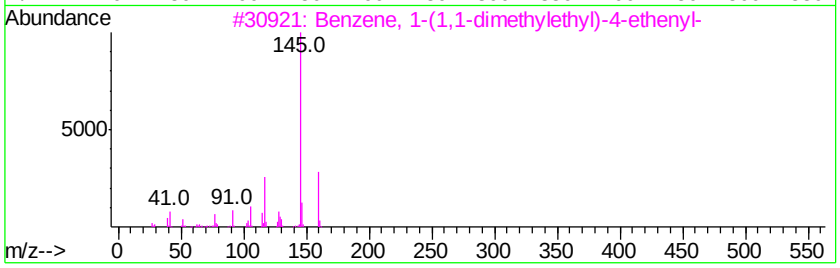
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	15.10 ng/ul	1932610	Naphthalene-d8	11.07

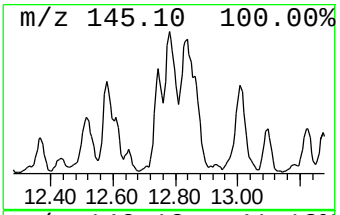
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	FENAZAQUIN	306	C20H22N2O	120928-09-8	50
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	50
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	47
4	FENAZAQUIN	306	C20H22N2O	120928-09-8	47
5	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	47

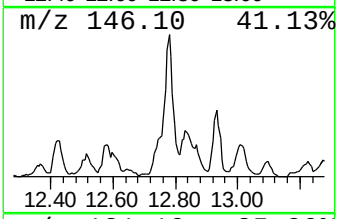


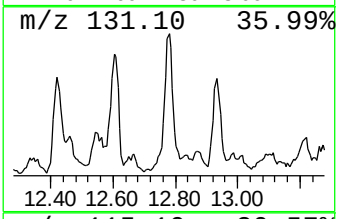


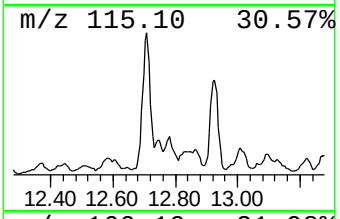


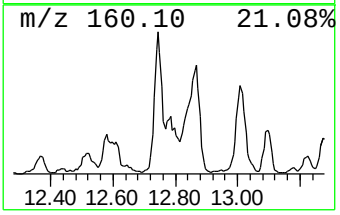












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Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

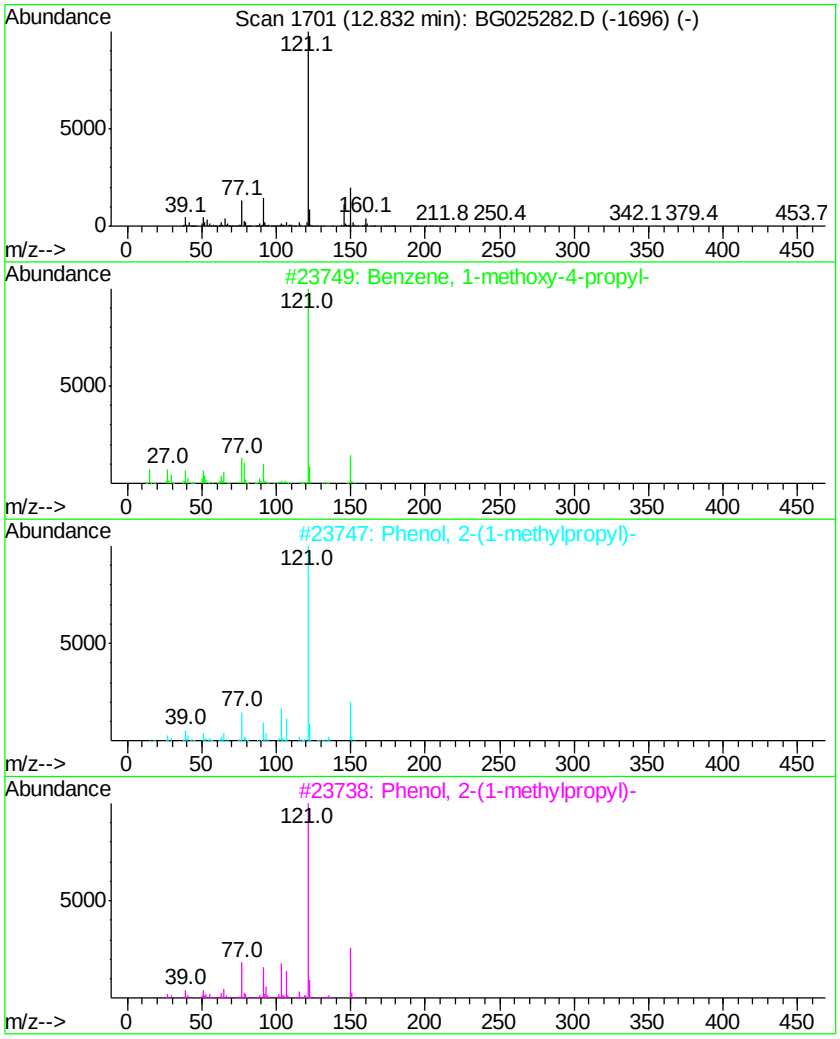
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

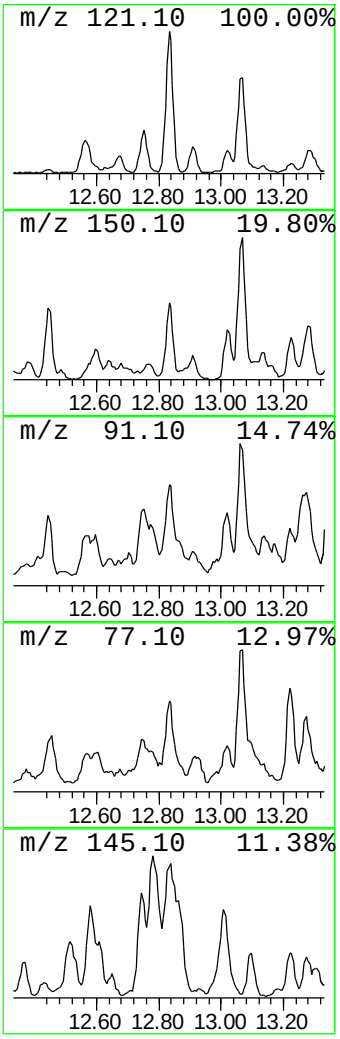
****

Peak Number 28 Benzene, 1-methoxy-4-propyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	42.44 ng/ul	5431840	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	80
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	80
3	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	72
4	Fenobucarb	207	C12H17NO2	003766-81-2	72
5	2-Methyl-4-propylphenol	150	C10H14O	018441-56-0	72





Library Search Compound Report

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Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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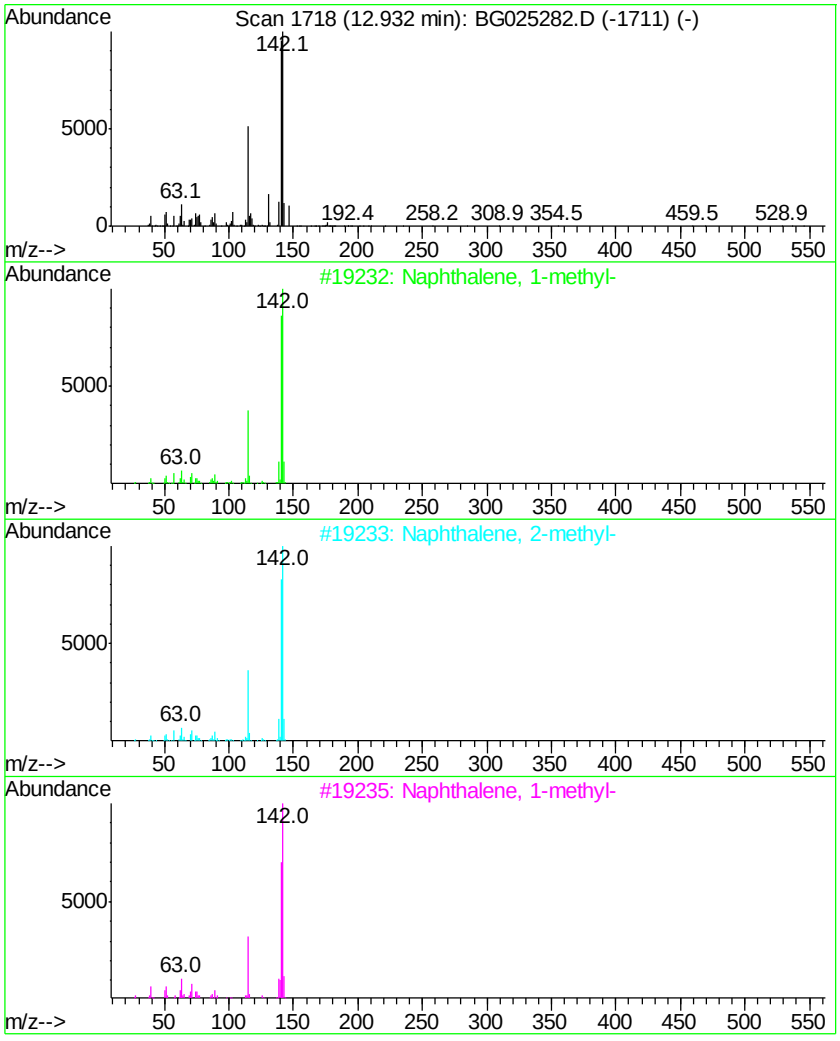
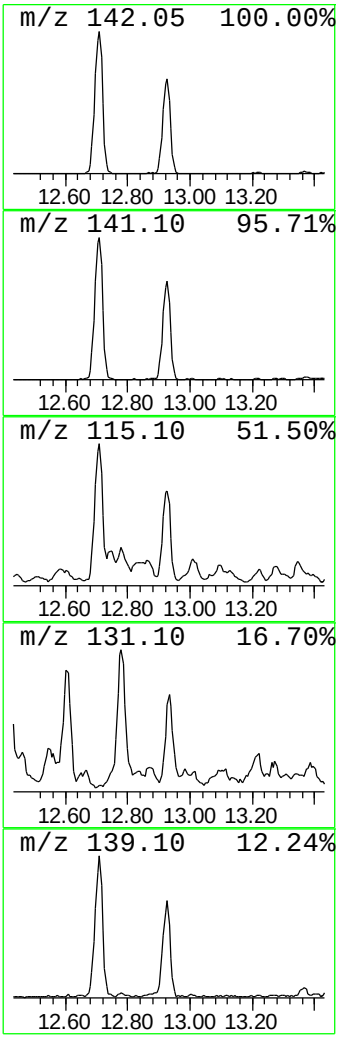
Peak Number 29 Naphthalene, 1-methyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.93	25.70 ng/ul	3289440	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
4	Benzocycloheptatriene	142	C11H10	000264-09-5	93
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	93





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Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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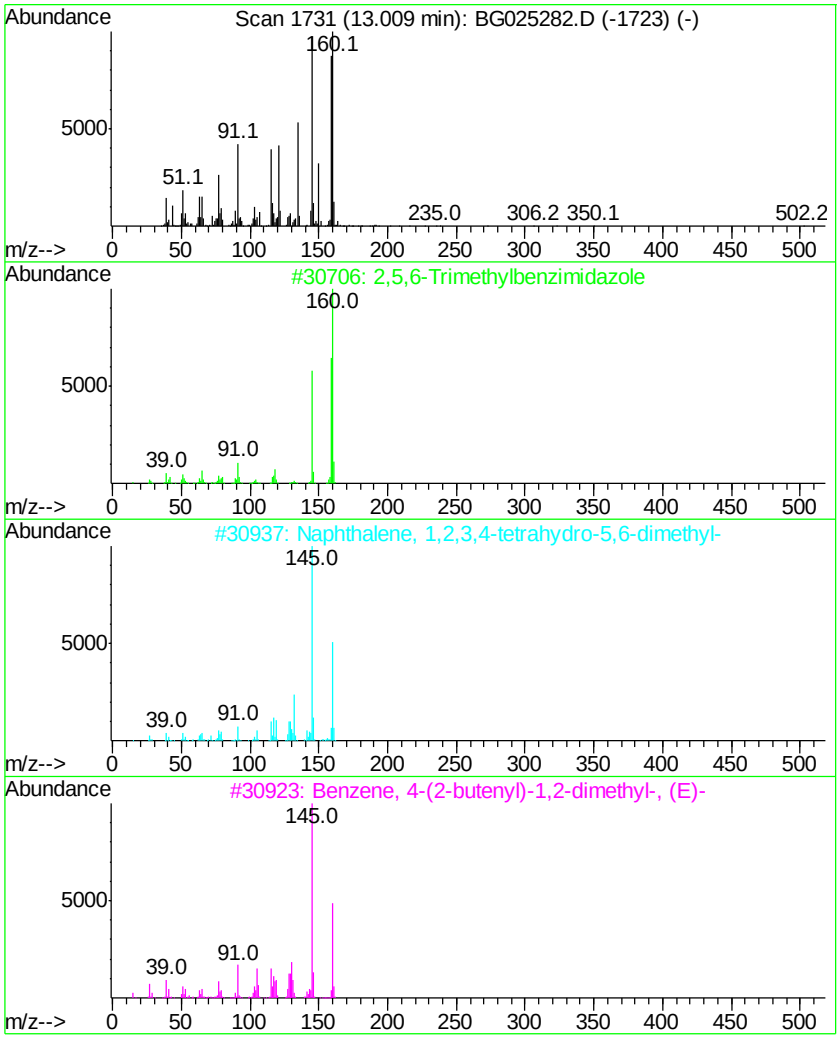
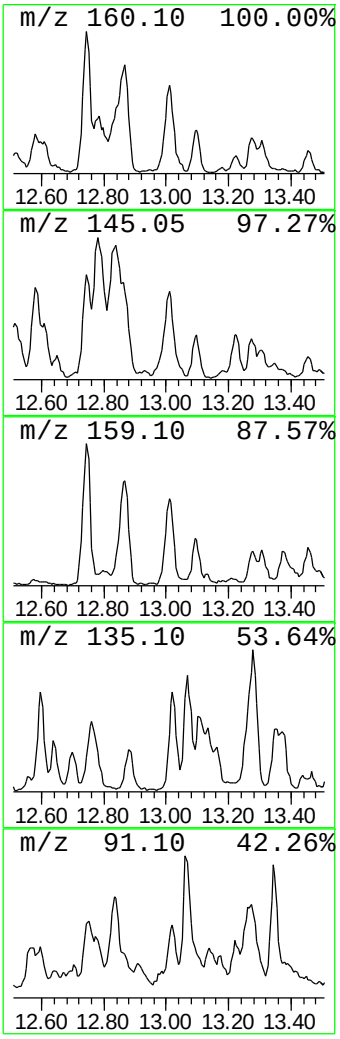
Peak Number 30 2,5,6-Trimethylbenzimidazole Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.01	32.14 ng/ul	2519870	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	46
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	46
4	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	46
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	42





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Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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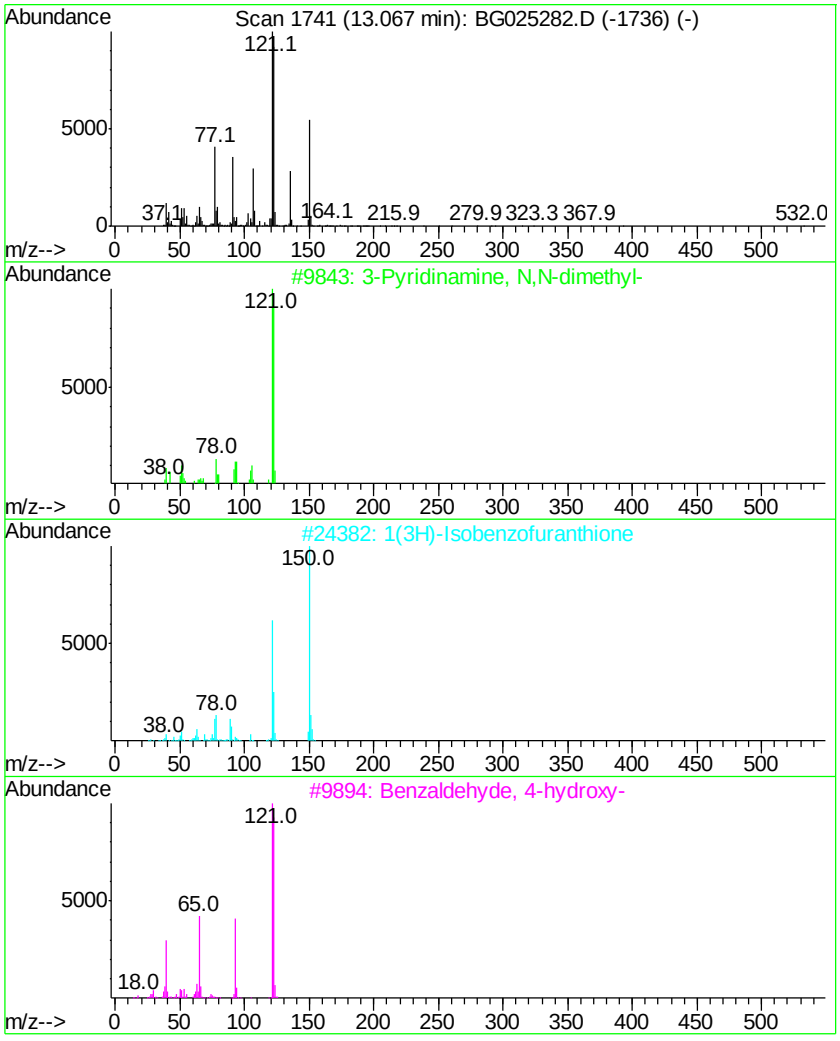
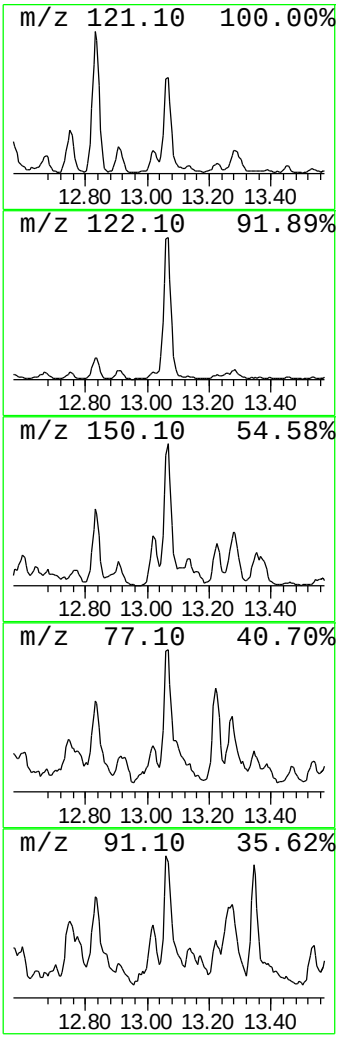
Peak Number 31 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	52.64 ng/ul	4127150	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinamine, N,N-dimethyl-	122	C7H10N2	018437-57-5	49
2	1(3H)-Isobenzofuranthione	150	C8H6OS	004741-68-8	43
3	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	43
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	38
5	Benzaldehyde, 4-ethoxy-	150	C9H10O2	010031-82-0	38





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Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

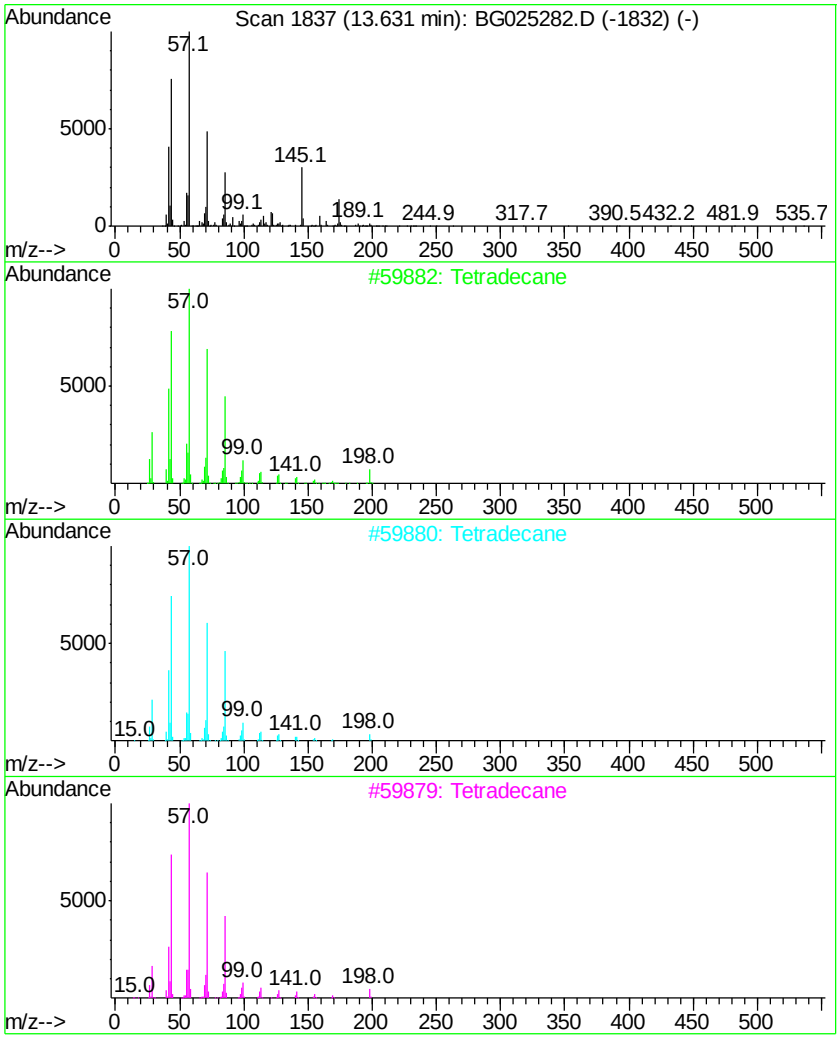
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

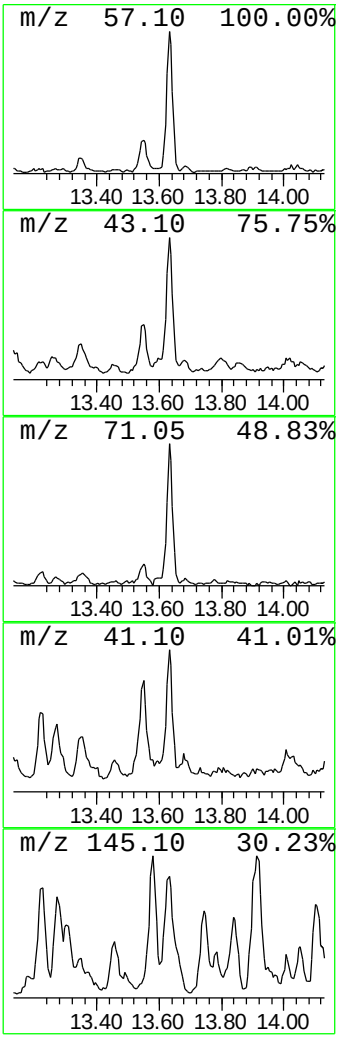
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 36 (DEL) Alkane: Straight-Chai... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	17.94 ng/ul	1406610	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	89
2	Tetradecane	198	C14H30	000629-59-4	78
3	Tetradecane	198	C14H30	000629-59-4	60
4	Hexadecane	226	C16H34	000544-76-3	49
5	Pentadecane	212	C15H32	000629-62-9	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

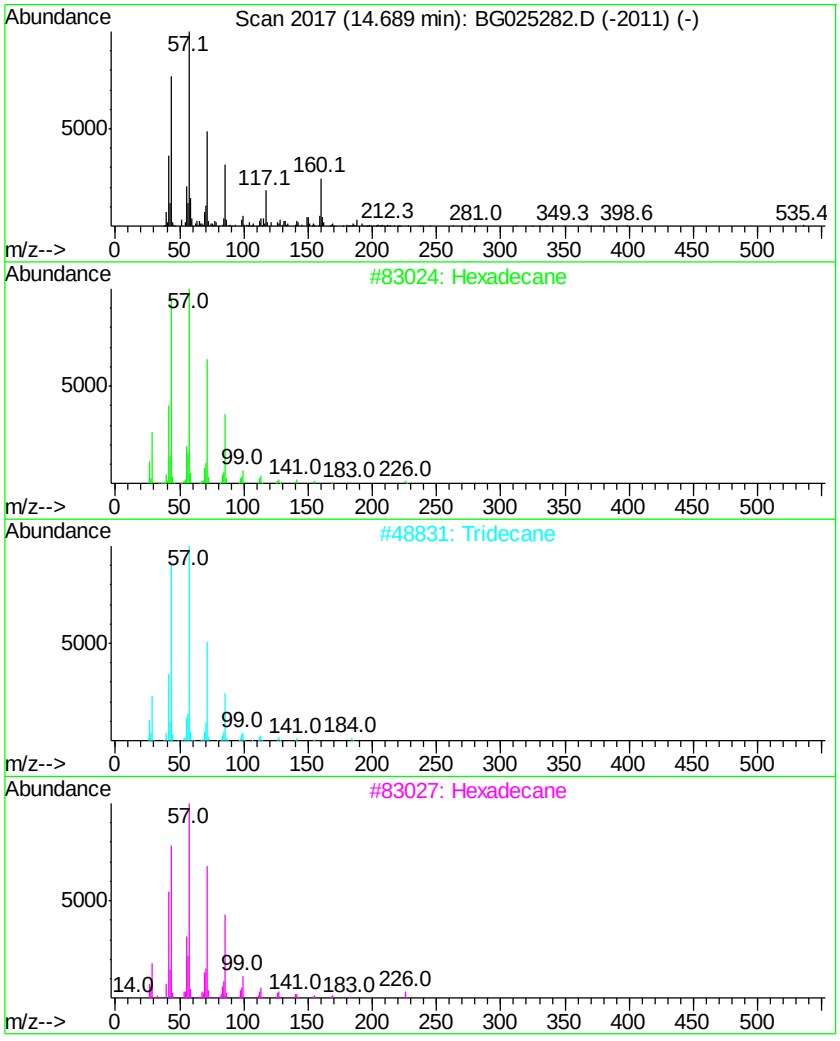
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

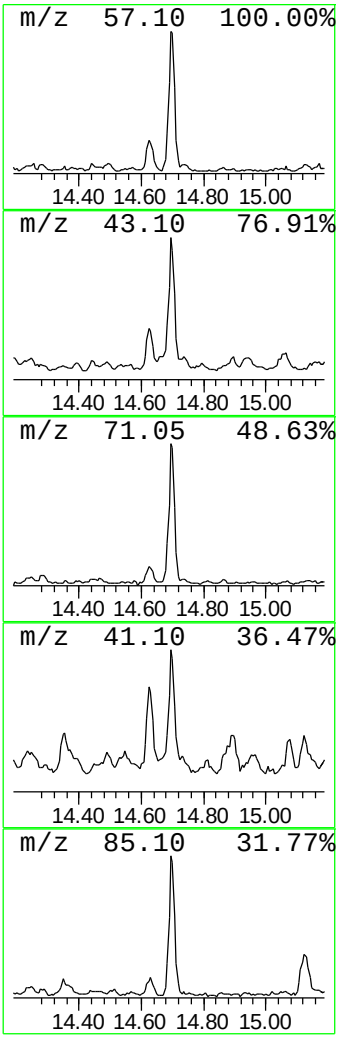
****

Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	40.20 ng/ul	3151720	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	68
2	Tridecane	184	C13H28	000629-50-5	64
3	Hexadecane	226	C16H34	000544-76-3	62
4	Pentadecane	212	C15H32	000629-62-9	58
5	Decane, 3-methyl-	156	C11H24	013151-34-3	58





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Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

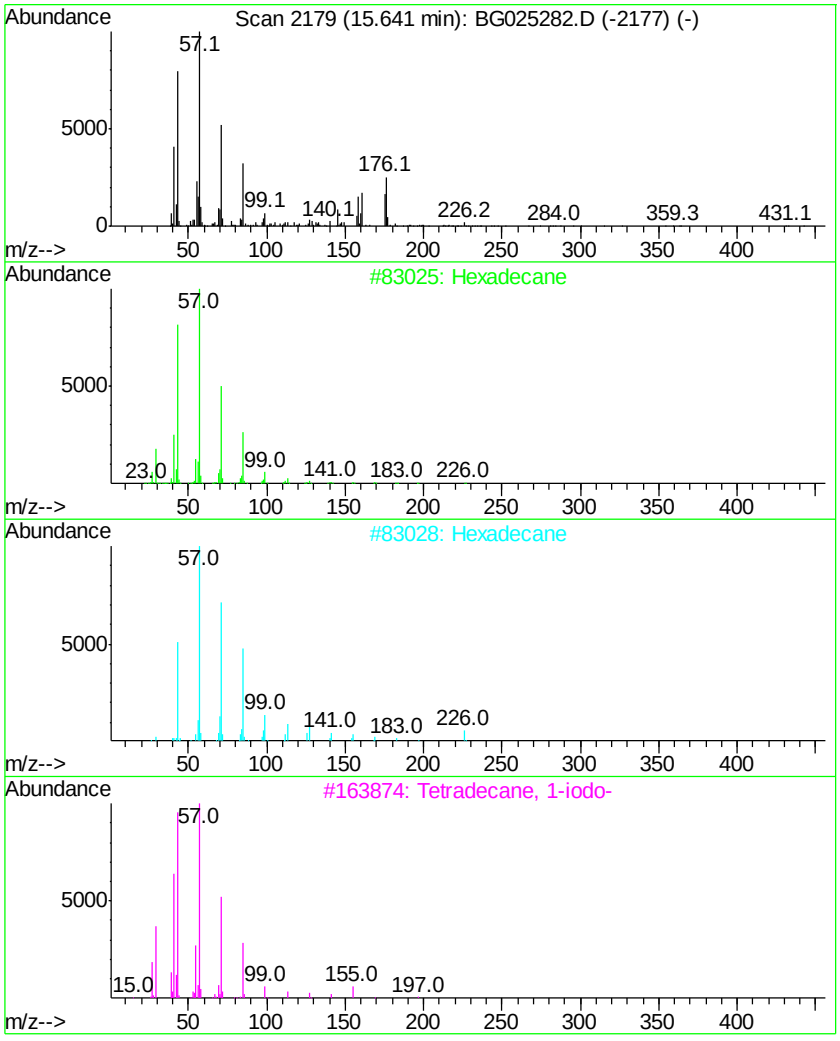
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

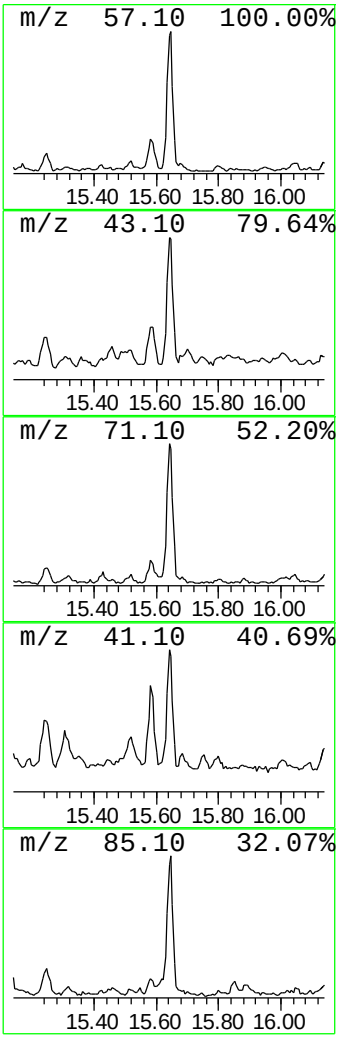
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	22.89 ng/ul	1794580	Acenaphthene-d10	14.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	55
2	Hexadecane	226	C16H34	000544-76-3	55
3	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	43
4	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	43
5	Tetradecane	198	C14H30	000629-59-4	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

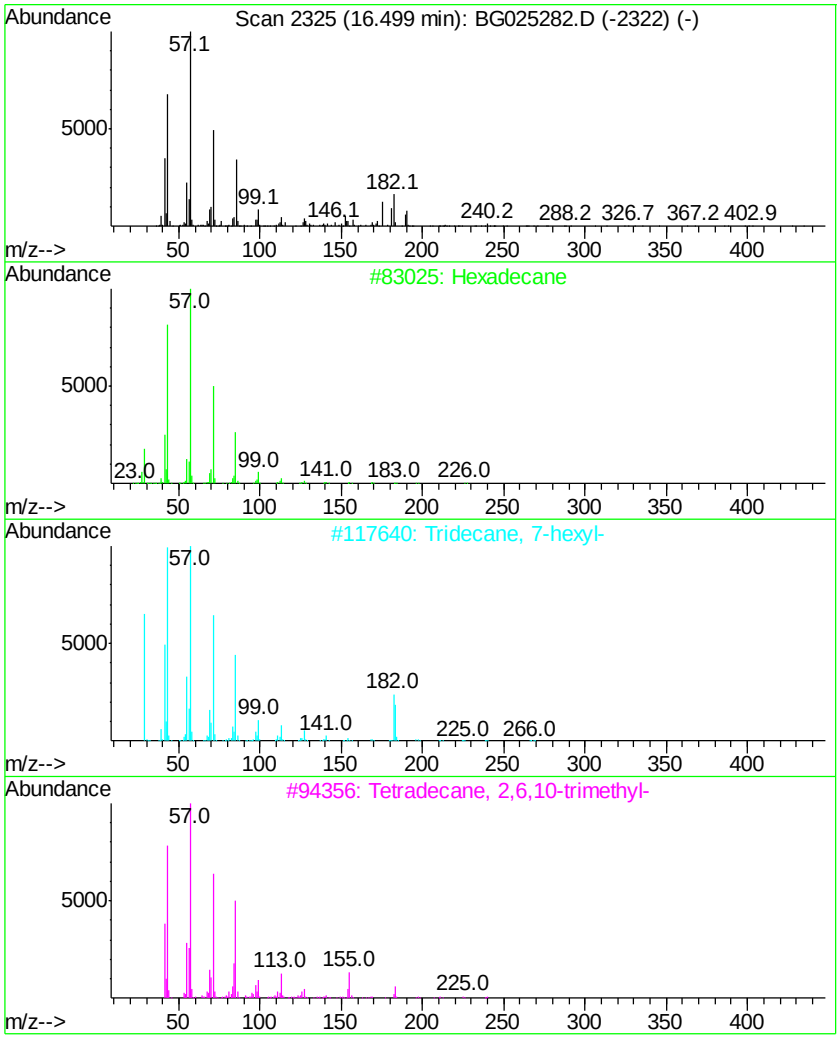
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

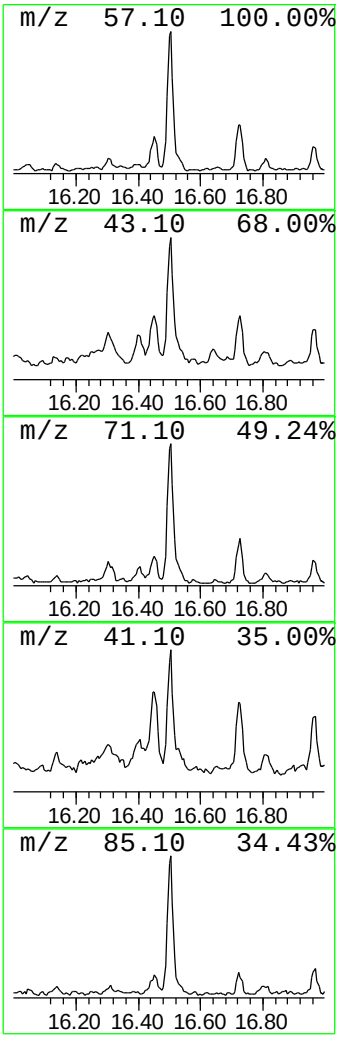
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	16.91 ng/ul	1950470	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	64
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	55
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	50
5	Dodecane, 4-methyl-	184	C13H28	006117-97-1	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

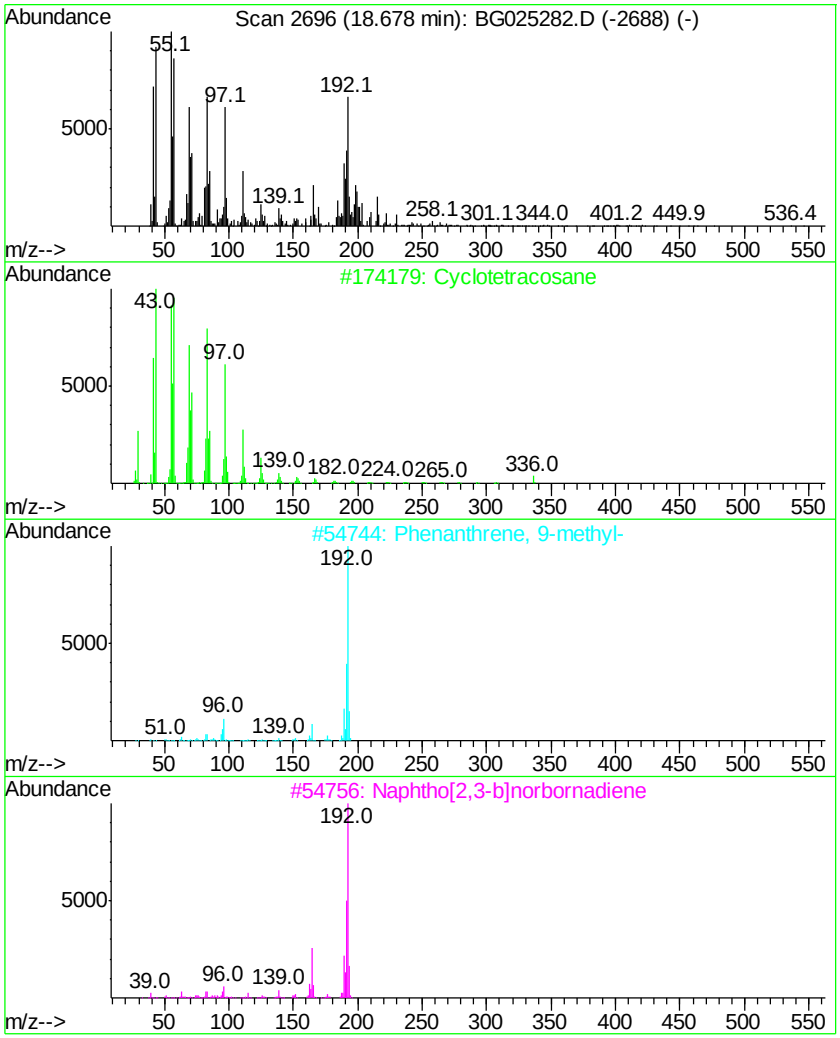
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

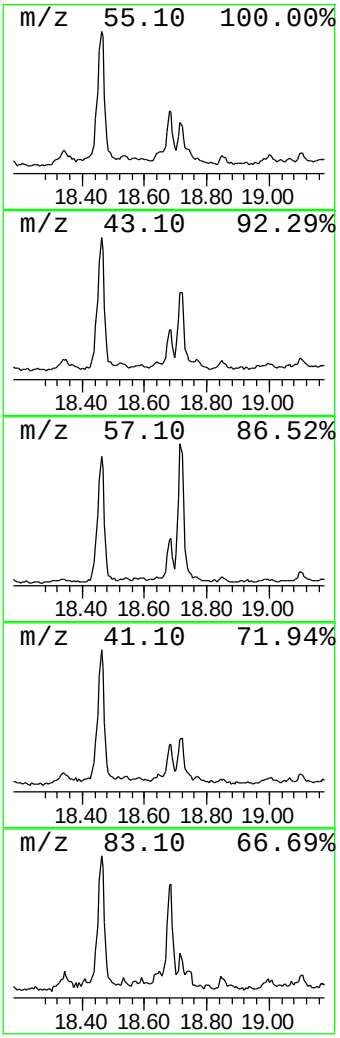
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Cyclic18.68 Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	22.04 ng/ul	2542560	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetracosane	336	C24H48	000297-03-0	62
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	42
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
4	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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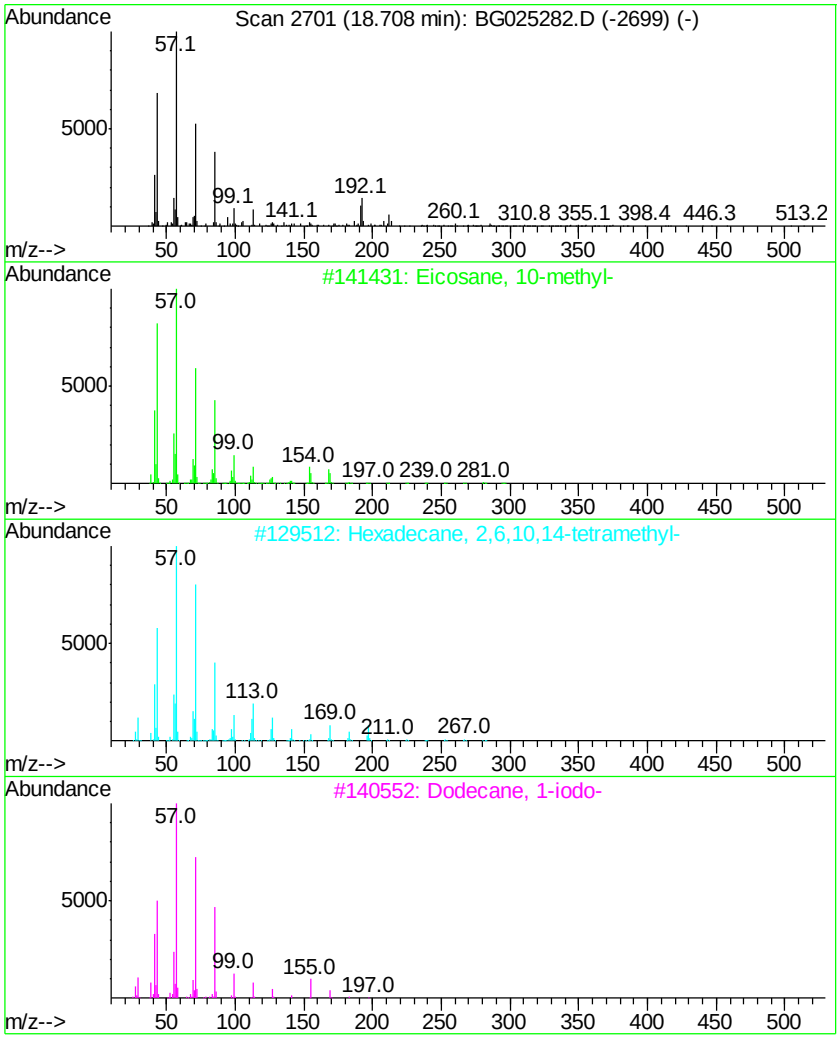
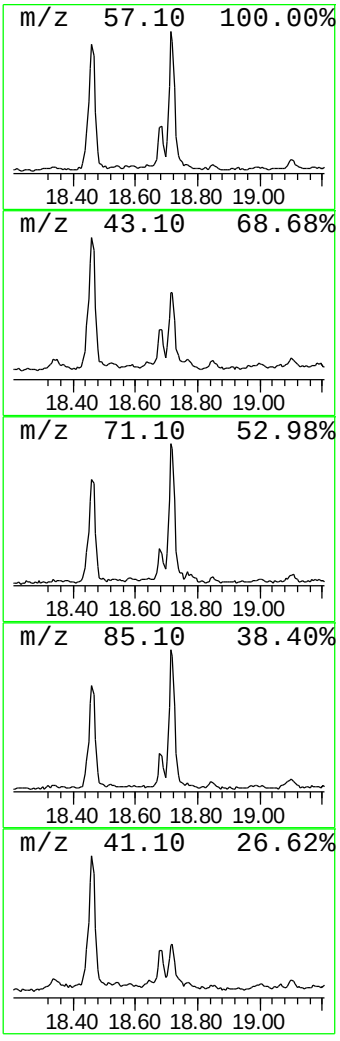
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	12.46 ng/ul	1437380	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 10-methyl-	296	C21H44	054833-23-7	81
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	80
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

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

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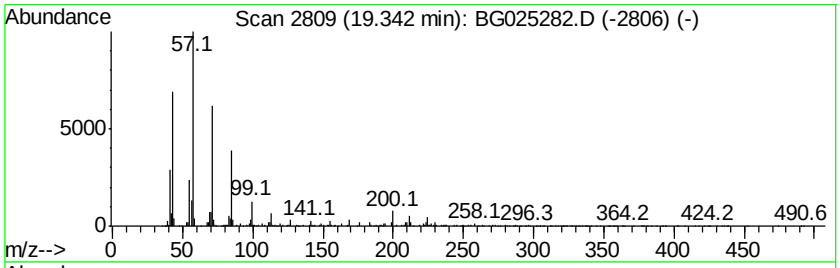
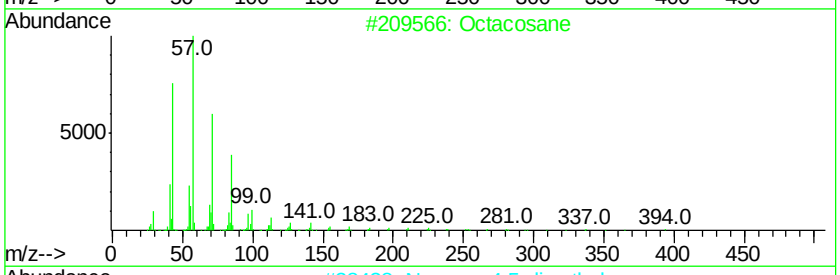
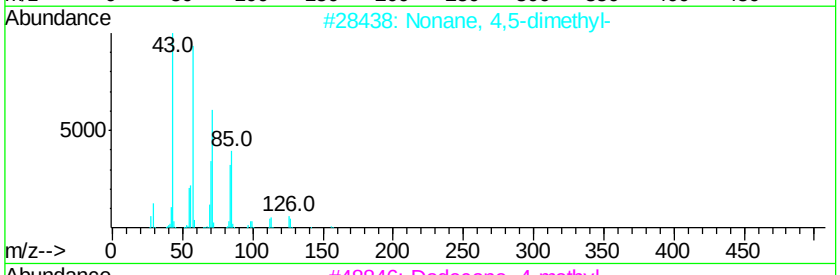
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 62

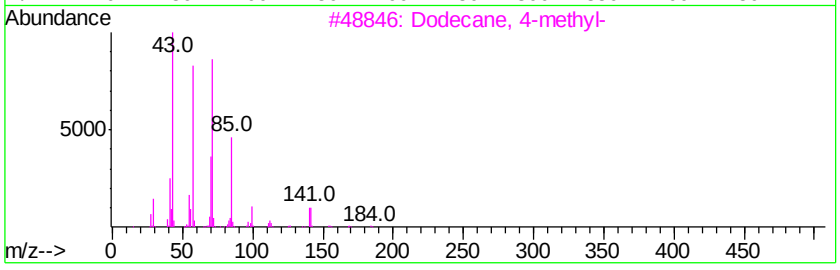
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	16.01 ng/ul	1847750	Phenanthrene-d10	17.61

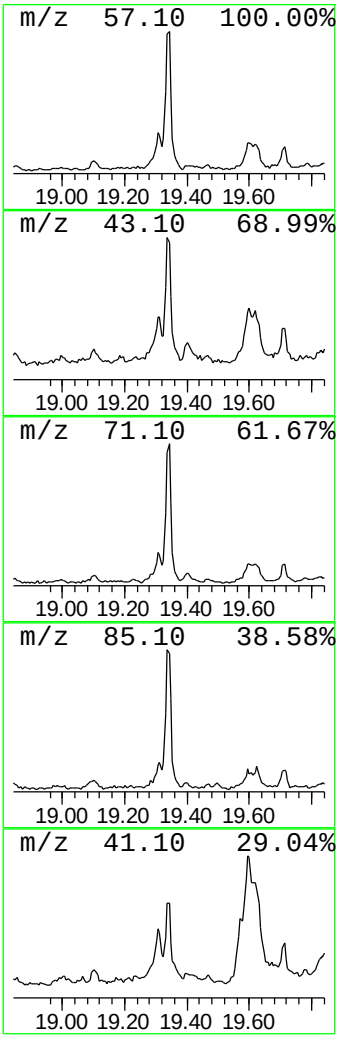
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	86
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	68
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	68
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	64
5	Heptacosane	380	C27H56	000593-49-7	58











Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

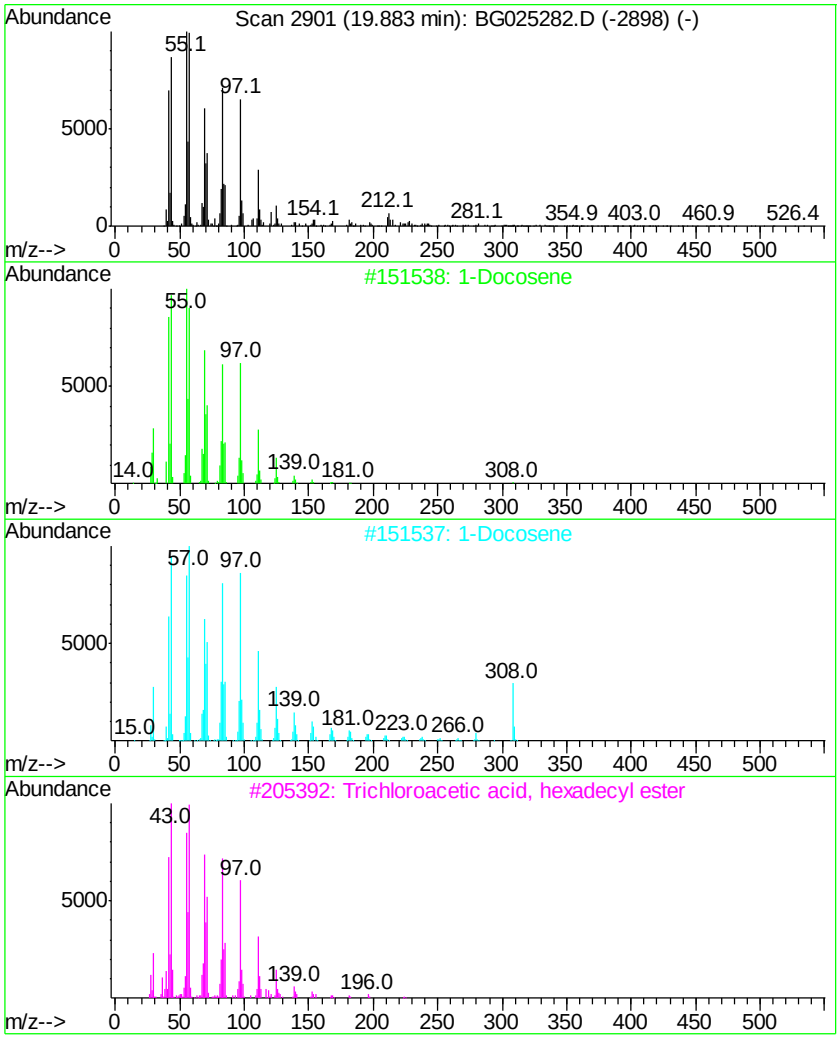
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

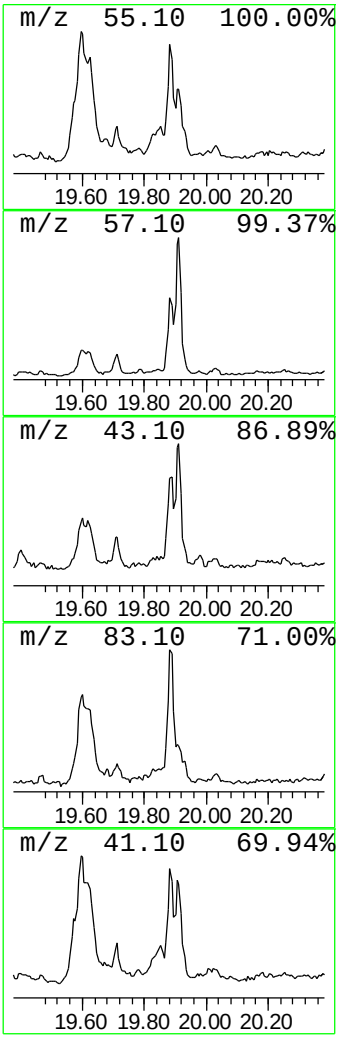
****

Peak Number 65 (DEL) Alkane: Cyclic19.88 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	36.06 ng/ul	2762880	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	1-Docosene	308	C22H44	001599-67-3	95
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
4	cis-1-Chloro-9-octadecene	286	C18H35Cl	016507-61-2	94
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

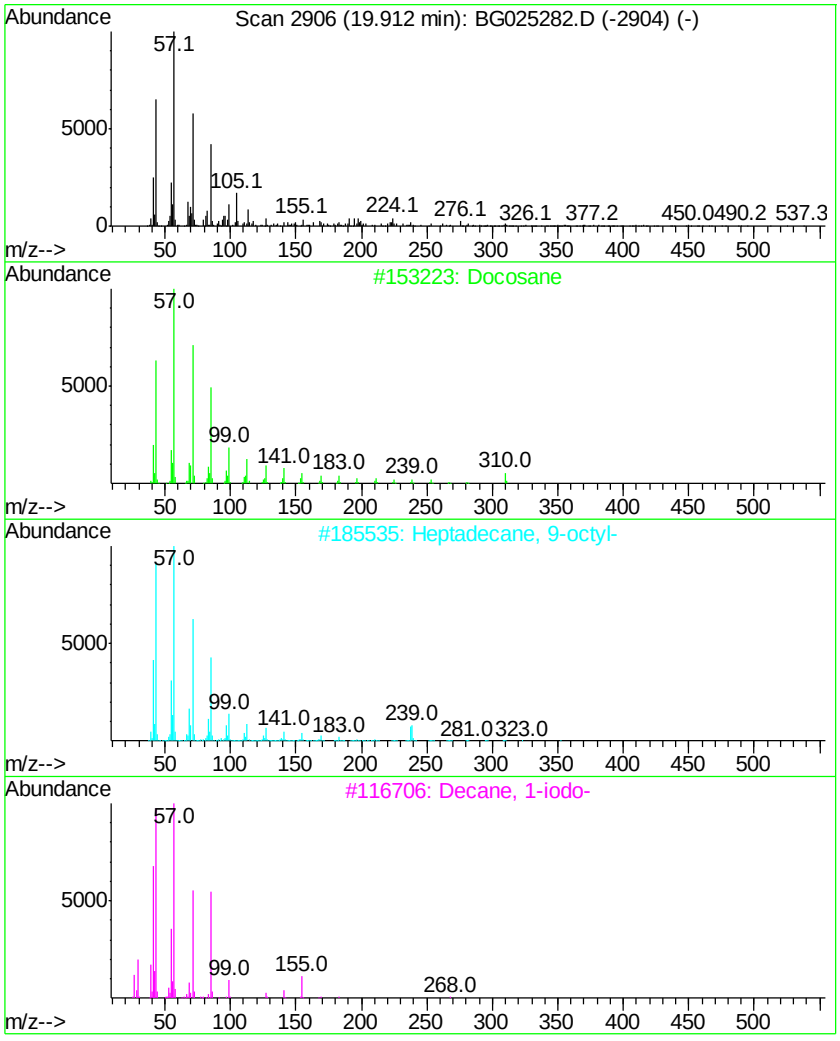
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

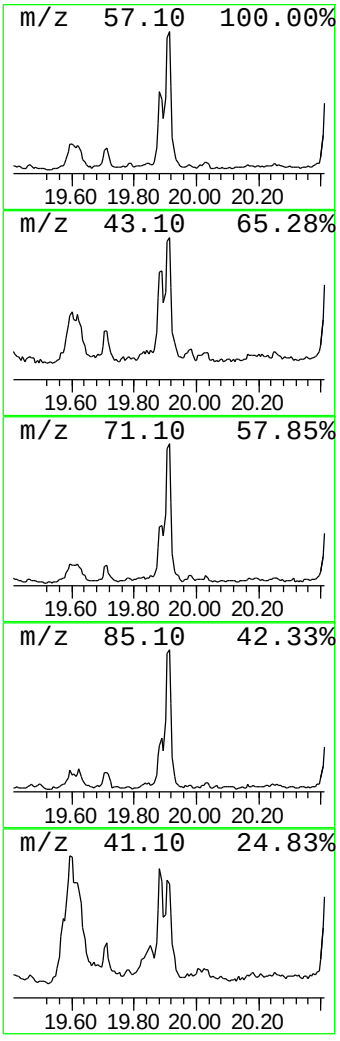
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	34.39 ng/ul	2634670	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	87
2	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	80
4	Tricosane	324	C23H48	000638-67-5	80
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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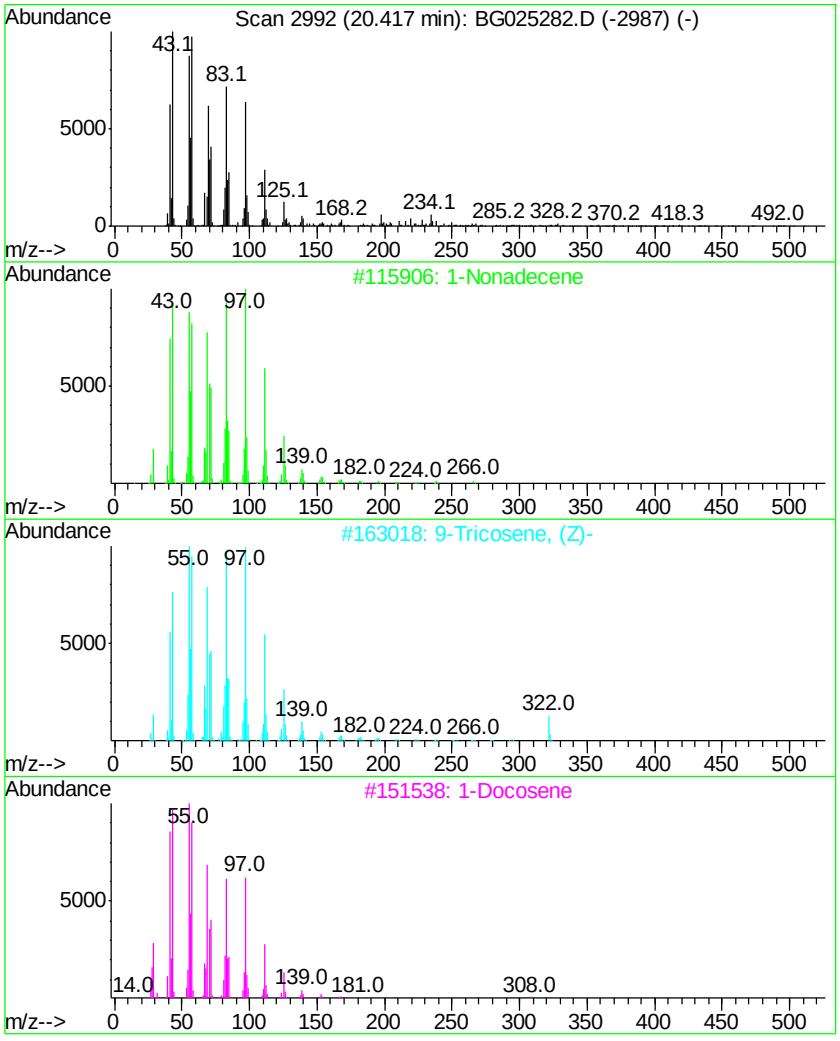
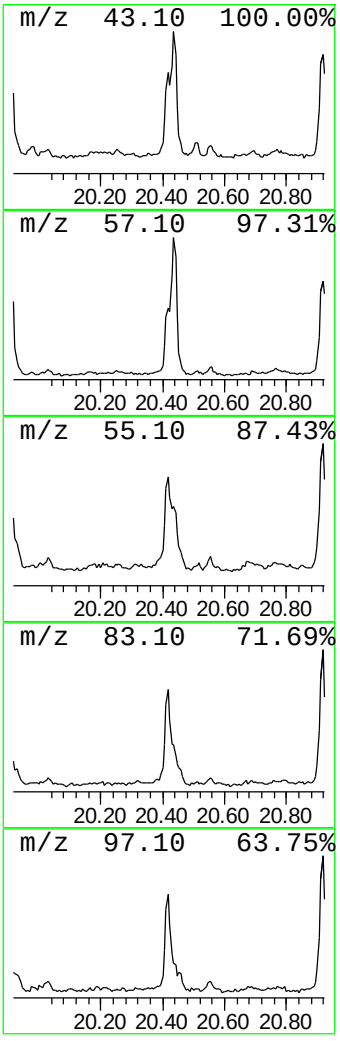
Peak Number 67 (DEL) Alkane: Cyclic20.42 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.42	21.60 ng/ul	1654980	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	98
2	9-Tricosene, (Z)-	322	C23H46	027519-02-4	95
3	1-Docosene	308	C22H44	001599-67-3	94
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	94
5	Cyclotetracosane	336	C24H48	000297-03-0	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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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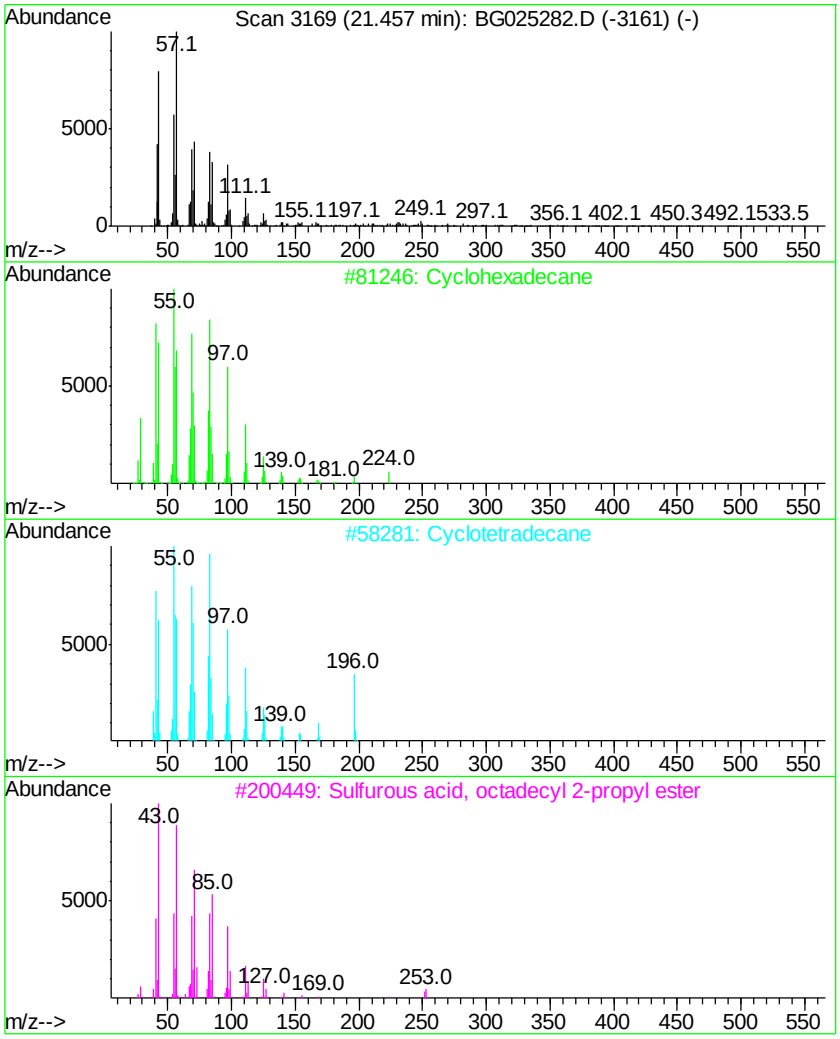
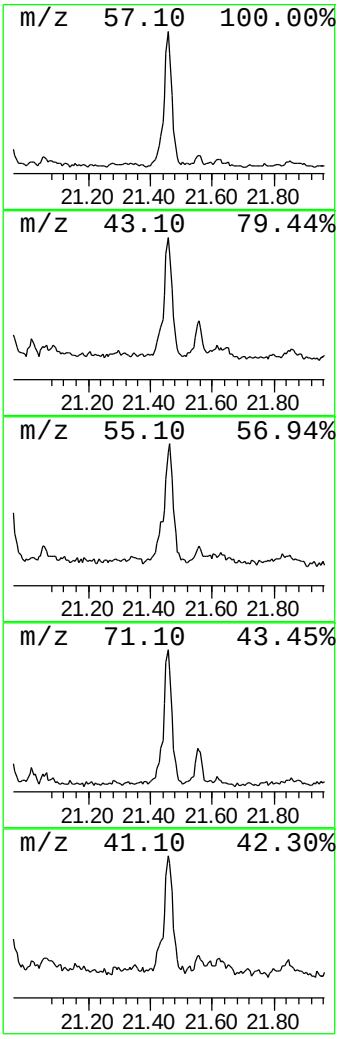
Peak Number 69 (DEL) Alkane: Cyclic21.46 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.46	39.92 ng/ul	3058880	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane	224	C16H32	000295-65-8	91
2	Cyclotetradecane	196	C14H28	000295-17-0	87
3	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	83
4	Oxalic acid, octadecyl propyl ester	384	C23H44O4	1000309-27-0	83
5	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

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

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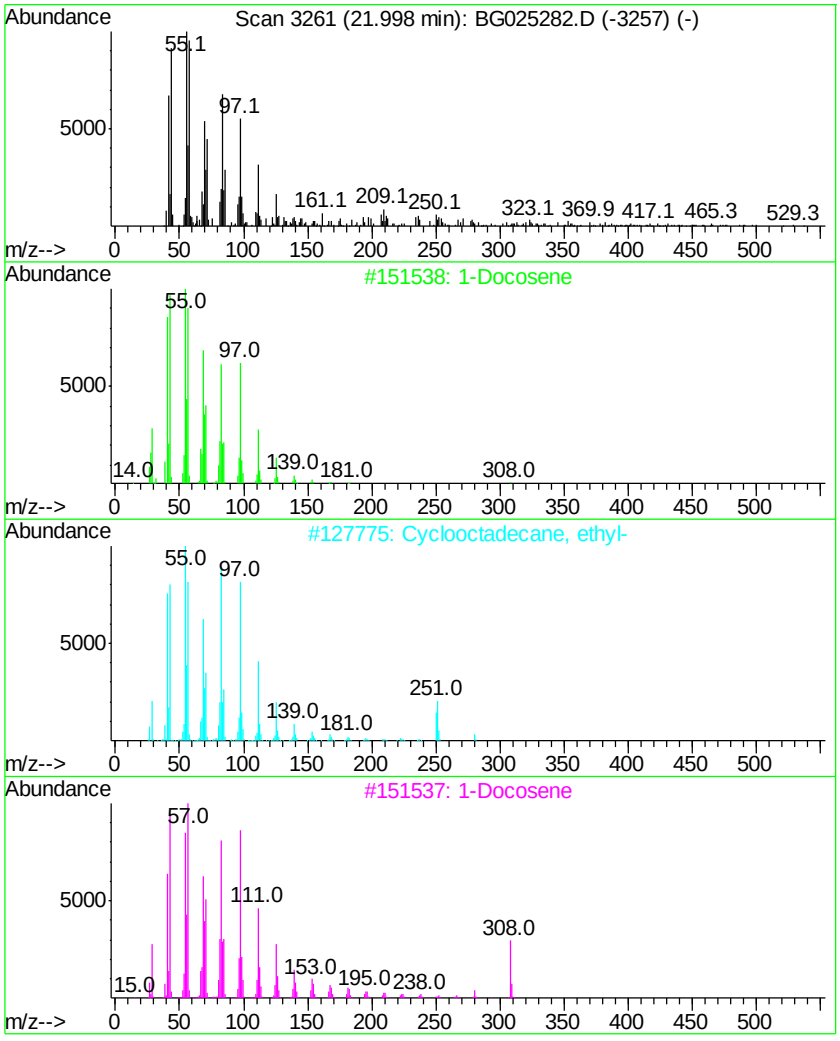
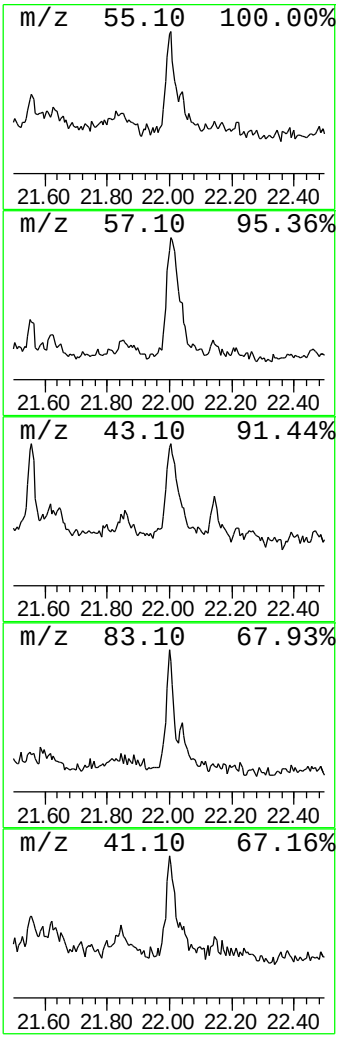
Peak Number 70 (DEL) Alkane: Cyclic22.00 Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.00	19.33 ng/ul	1481060	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	97
2	Cyclooctadecane, ethyl-	280	C20H40	1000151-22-5	93
3	1-Docosene	308	C22H44	001599-67-3	93
4	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025282.D
Acq On : 17 Dec 2016 20:08
Operator : UM/SJ
Sample : H6040-10
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8W3

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.83	32.9	ng/ul	2192260	1	8.23	1332720	20.0
Benzene, 1,2,3-tr...	7.86	26.3	ng/ul	1751980	1	8.23	1332720	20.0
Benzofuran	7.96	20.0	ng/ul	1332720	1	8.23	1332720	20.0
Benzaldehyde, 4-m...	9.31	25.3	ng/ul	1685350	1	8.23	1332720	20.0
Benzofuran, 2-met...	9.59	22.4	ng/ul	1493930	1	8.23	1332720	20.0
Phenol, 2,6-dimet...	9.67	14.9	ng/ul	1913820	2	11.07	2559530	20.0
3-Phenyl-2-propyn...	9.71	19.0	ng/ul	2433530	2	11.07	2559530	20.0
Phenol, 3-ethyl-	10.52	119.3	ng/ul	15270700	2	11.07	2559530	20.0
Benzene, 1-methox...	10.55	36.9	ng/ul	4719020	2	11.07	2559530	20.0
Phenol, 2-ethyl-6...	10.88	16.6	ng/ul	2128600	2	11.07	2559530	20.0
Phenol, 3,4-dimet...	10.94	16.3	ng/ul	2091270	2	11.07	2559530	20.0
2-Propenal, 2-met...	11.30	33.9	ng/ul	4340490	2	11.07	2559530	20.0
unknown-01	11.42	32.5	ng/ul	4163550	2	11.07	2559530	20.0
Phenol, 2-ethyl-5...	11.60	26.4	ng/ul	3377820	2	11.07	2559530	20.0
2-Ethylphenol, me...	11.90	124.1	ng/ul	15885500	2	11.07	2559530	20.0
Phenol, 2,4,6-tri...	12.08	26.6	ng/ul	3405690	2	11.07	2559530	20.0
unknown-02	12.19	12.0	ng/ul	1540120	2	11.07	2559530	20.0
4-Acetylanisole	12.25	14.3	ng/ul	1830090	2	11.07	2559530	20.0
(DEL) Alkane: Bra...	12.41	12.3	ng/ul	1571340	2	11.07	2559530	20.0
o-Isopropylanisole	12.45	18.3	ng/ul	2340650	2	11.07	2559530	20.0
Ethanone, 1-(2-hy...	12.60	19.9	ng/ul	2546710	2	11.07	2559530	20.0
FENAZAQUIN	12.78	15.1	ng/ul	1932610	2	11.07	2559530	20.0
Benzene, 1-methox...	12.83	42.4	ng/ul	5431840	2	11.07	2559530	20.0
Naphthalene, 1-me...	12.93	25.7	ng/ul	3289440	2	11.07	2559530	20.0
2,5,6-Trimethylbe...	13.01	32.1	ng/ul	2519870	3	14.87	1568080	20.0
unknown-03	13.07	52.6	ng/ul	4127150	3	14.87	1568080	20.0
(DEL) Alkane: Str...	13.63	17.9	ng/ul	1406610	3	14.87	1568080	20.0
(DEL) Alkane: Str...	14.69	40.2	ng/ul	3151720	3	14.87	1568080	20.0
(DEL) Alkane: Str...	15.64	22.9	ng/ul	1794580	3	14.87	1568080	20.0
(DEL) Alkane: Str...	16.50	16.9	ng/ul	1950470	4	17.61	2307530	20.0
(DEL) Alkane: Cyc...	18.68	22.0	ng/ul	2542560	4	17.61	2307530	20.0
(DEL) Alkane: Str...	18.71	12.5	ng/ul	1437380	4	17.61	2307530	20.0
(DEL) Alkane: Str...	19.34	16.0	ng/ul	1847750	4	17.61	2307530	20.0
(DEL) Alkane: Cyc...	19.88	36.1	ng/ul	2762880	5	21.90	1532380	20.0
(DEL) Alkane: Str...	19.91	34.4	ng/ul	2634670	5	21.90	1532380	20.0
(DEL) Alkane: Cyc...	20.42	21.6	ng/ul	1654980	5	21.90	1532380	20.0
(DEL) Alkane: Cyc...	21.46	39.9	ng/ul	3058880	5	21.90	1532380	20.0
(DEL) Alkane: Cyc...	22.00	19.3	ng/ul	1481060	5	21.90	1532380	20.0