LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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	5.697	477	486	495	rBV	333231	557126	20.30%	0.688%
2	5.832	501	509	521	rBV	552666	1295969	47.23%	1.601%
3	5.961	521	531	541	rVV2	163299	322879	11.77%	0.399%
4	6.208	564	573	579	rVV2	335793	778613	28.38%	0.962%
5	7.183	733	739	748	rVV	190225	358512	13.07%	0.443%
6	7.295	749	758	763	rBV	328207	573410	20.90%	0.708%
7	7.354	763	768	771	rBV2	210398	343307	12.51%	0.424%
8	7.548	792	801	806	rBV2	222899	496625	18.10%	0.613%
9	7.600	806	810	818	rVB3	236565	442140	16.11%	0.546%
10	7.765	831	838	842	rBV	278633	524644	19.12%	0.648%
11	7.806	842	845	849	rVV2	265234	389359	14.19%	0.481%
12	7.865	849	855	863	rVB	535576	965471	35.19%	1.192%
13	8.235	911	918	926	rVB2	290126	555365	20.24%	0.686%
14	8.335	926	935	942	rBV2	276294	574895	20.95%	0.710%
15	8.605	974	981	990	rVV	178586	367543	13.39%	0.454%
16	8.764	1001	1008	1015	rVV5	206720	450311	16.41%	0.556%
17	8.858	1015	1024	1033	rVV2	339991	790198	28.80%	0.976%
18	8.946	1033	1039	1045	rVV2	366367	708115	25.81%	0.875%
19	9.022	1045	1052	1066	rVB4	163257	400096	14.58%	0.494%
20	9.322	1094	1103	1113	rVV5	188545	515605	18.79%	0.637%
21	9.416	1113	1119	1128	rVB3	770144	1393795	50.80%	1.721%
22	9.592	1139	1149	1155	rVB5	172648	379867	13.84%	0.469%
23	9.669	1155	1162	1165	rBV	264662	514670	18.76%	0.636%
24	9.710	1165	1169	1175	rVV2	367107	780644	28.45%	0.964%
25	9.780	1175	1181	1190	rVB	877207	1578811	57.54%	1.950%
26	10.139	1234	1242	1249	rVB4	315520	677298	24.68%	0.837%
27	10.221	1249	1256	1265	rBV3	523200	1554296	56.64%	1.920%
28	10.462	1286	1297	1304	rBV6	446423	1682158	61.30%	2.078%
29	10.526	1304	1308	1318	rVB3	536719	1173101	42.75%	1.449%
30	10.685	1329	1335	1341	rBV	650848	1191995	43.44%	1.472%
31	10.867	1359	1366	1371	rBV3	189462	531158	19.36%	0.656%
32	10.973	1379	1384	1389	rVB	338020	531695	19.38%	0.657%
33	11.061	1394	1399	1403	rBV	286825	509550	18.57%	0.629%
34	11.108	1403	1407	1413	rVB	382829	674358	24.58%	0.833%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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	11.196	1417	1422	1433	rBV3	531707	1128898	41.14%	1.394%
36	11.290	1433	1438	1452	rVB3	420797	1410650	51.41%	1.742%
37	11.414	1452	1459	1463	rBV4	527973	1088728	39.68%	1.345%
38	11.461	1463	1467	1475	rVV2	792995	1546434	56.36%	1.910%
39	11.525	1475	1478	1483	rVB3	245135	366152	13.34%	0.452%
40	11.584	1483	1488	1493	rBV	420111	718356	26.18%	0.887%
41	11.637	1493	1497	1505	rBV6	183891	432242	15.75%	0.534%
42	11.878	1531	1538	1545	rBV	1325048	2442312	89.01%	3.017%
43	12.066	1564	1570	1575	rBV5	322502	754344	27.49%	0.932%
44	12.119	1575	1579	1587	rVV2	308988	597928	21.79%	0.739%
45	12.248	1594	1601	1607	rVB5	177490	512547	18.68%	0.633%
46	12.407	1624	1628	1641	rVB3	538546	1173414	42.76%	1.449%
47	12.583	1649	1658	1669	rVB6	166118	642067	23.40%	0.793%
48	12.700	1672	1678	1681	rBV	675450	1160441	42.29%	1.433%
49	12.818	1695	1698	1703	rBV2	193515	318461	11.61%	0.393%
50	12.918	1709	1715	1721	rVB	471695	798682	29.11%	0.986%
51	13.006	1721	1730	1733	rBV2	346750	647159	23.58%	0.799%
52	13.047	1733	1737	1741	rVV2	339167	495686	18.06%	0.612%
53	13.206	1759	1764	1768	rBV3	305021	471744	17.19%	0.583%
54	13.264	1768	1774	1781	rVB5	359020	786531	28.66%	0.971%
55	13.341	1782	1787	1791	rBV4	196485	325217	11.85%	0.402%
56	13.540	1814	1821	1825	rBV4	243417	575220	20.96%	0.710%
57	13.629	1831	1836	1842	rBV	510692	815298	29.71%	1.007%
58	13.887	1876	1880	1888	rVV5	136768	319488	11.64%	0.395%
59	13.999	1894	1899	1903	rBV4	376153	787211	28.69%	0.972%
60	14.175	1923	1929	1933	rVV3	367139	685088	24.97%	0.846%
61	14.246	1933	1941	1946	rVB2	763799	1823147	66.44%	2.252%
62	14.340	1953	1957	1964	rBV5	223592	423983	15.45%	0.524%
63	14.557	1987	1994	2001	rBV	851963	1630076	59.41%	2.013%
64	14.698	2014	2018	2028	rVB2	453241	722319	26.32%	0.892%
65	14.857	2040	2045	2054	rBV2	614585	1271657	46.34%	1.571%
66	15.086	2080	2084	2090	rVB2	409017	706835	25.76%	0.873%
67	15.150	2090	2095	2099	rBV4	259431	391775	14.28%	0.484%
68	15.227	2104	2108	2118	rBV4	210318	498922	18.18%	0.616%
69	15.456	2142	2147	2152	rBV8	153005	368807	13.44%	0.456%
70	15.509	2153	2156	2165	rVB9	242737	459769	16.76%	0.568%
71	15.615	2165	2174	2175	rBV4	336374	747995	27.26%	0.924%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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	15.638	2175	2178	2182	rVB	484791	609905	22.23%	0.753%
73	15.844	2208	2213	2217	rBV	941485	1429668	52.10%	1.766%
74	15.979	2231	2236	2242	rBV2	389303	680926	24.82%	0.841%
75	16.284	2283	2288	2292	rBV3	166893	360117	13.12%	0.445%
76	16.449	2309	2316	2320	rBV5	293755	539525	19.66%	0.666%
77	16.502	2320	2325	2329	rBV2	523282	782538	28.52%	0.967%
78	16.719	2360	2362	2367	rVB2	314919	392264	14.30%	0.484%
79	16.901	2385	2393	2396	rBV4	200465	498213	18.16%	0.615%
80	16.948	2397	2401	2406	rVB5	207837	378743	13.80%	0.468%
81	17.289	2455	2459	2462	rVB2	367477	442237	16.12%	0.546%
82	17.436	2480	2484	2490	rVB2	216137	335771	12.24%	0.415%
83	17.495	2490	2494	2499	rBV3	263376	462538	16.86%	0.571%
84	17.600	2506	2512	2517	rBV2	779549	1179007	42.97%	1.456%
85	17.700	2523	2529	2537	rBV2	1133717	1888900	68.84%	2.333%
86	18.029	2581	2585	2589	rVV	443131	586259	21.37%	0.724%
87	18.435	2650	2654	2658	rBV5	276947	393405	14.34%	0.486%
88	18.711	2698	2701	2708	rVB	401241	540961	19.71%	0.668%
89	19.334	2804	2807	2818	rVB2	474510	711659	25.94%	0.879%
90	19.810	2884	2888	2894	rBV	353191	632926	23.07%	0.782%
91	19.880	2896	2900	2902	rBV2	382294	447931	16.32%	0.553%
92	19.904	2902	2904	2910	rVB	508175	603982	22.01%	0.746%
93	19.974	2911	2916	2928	rVB	1687740	2743949	100.00%	3.389%
94	20.432	2987	2994	3000	rVB2	552422	949838	34.62%	1.173%
95	20.914	3071	3076	3090	rVB2	517468	1231325	44.87%	1.521%
96	21.455	3165	3168	3180	rVB2	372892	657903	23.98%	0.813%
97	21.895	3237	3243	3251	rVB	902423	1591188	57.99%	1.965%
98	25.080	3777	3785	3798	rVB3	792406	2400755	87.49%	2.965%
99	25.321	3817	3826	3840	rVB2	546292	1651078	60.17%	2.039%
100	27.160	4135	4139	4154	rVB6	362125	1211602	44.16%	1.496%

Sum of corrected areas: 80964275

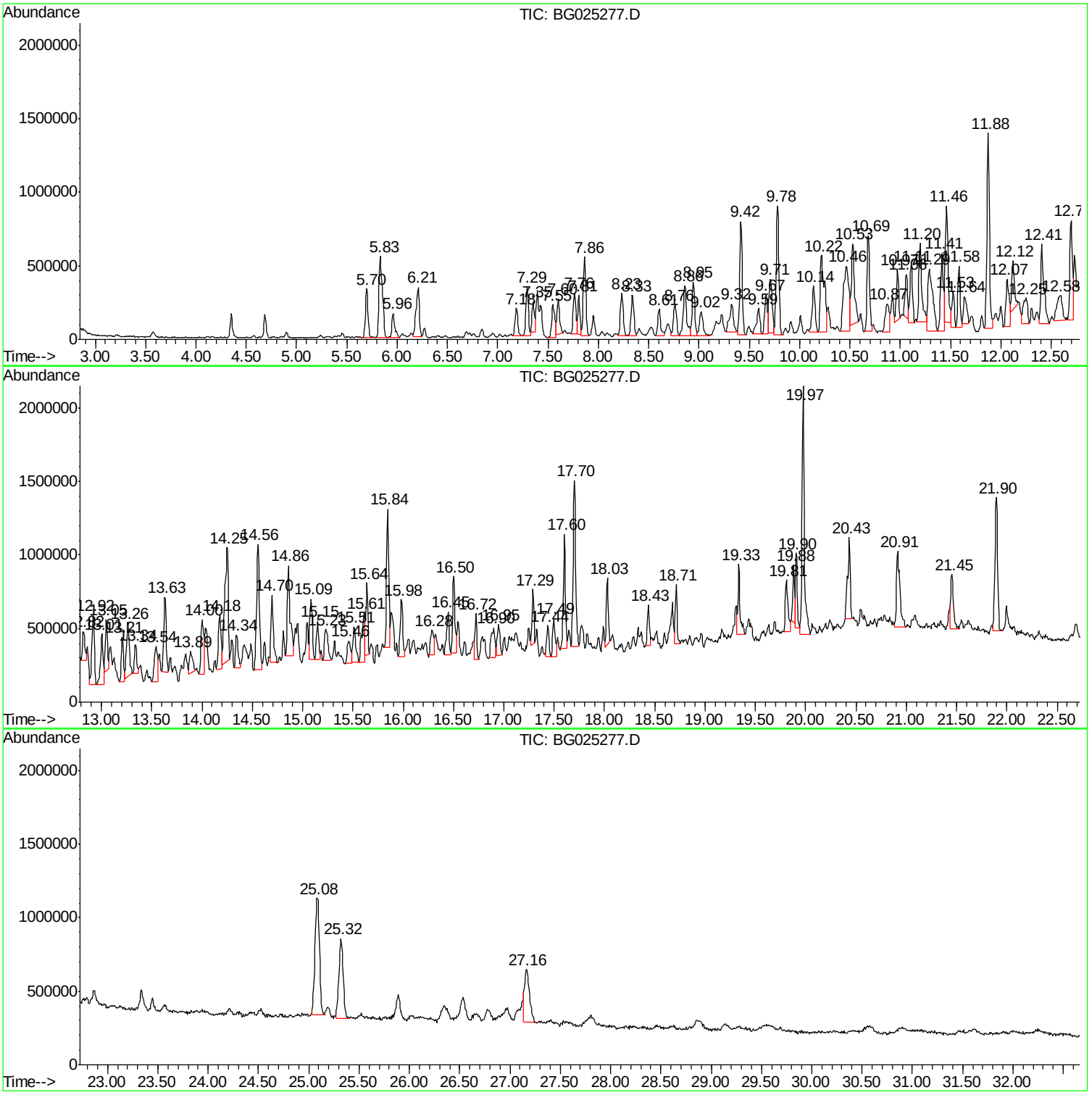
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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 : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

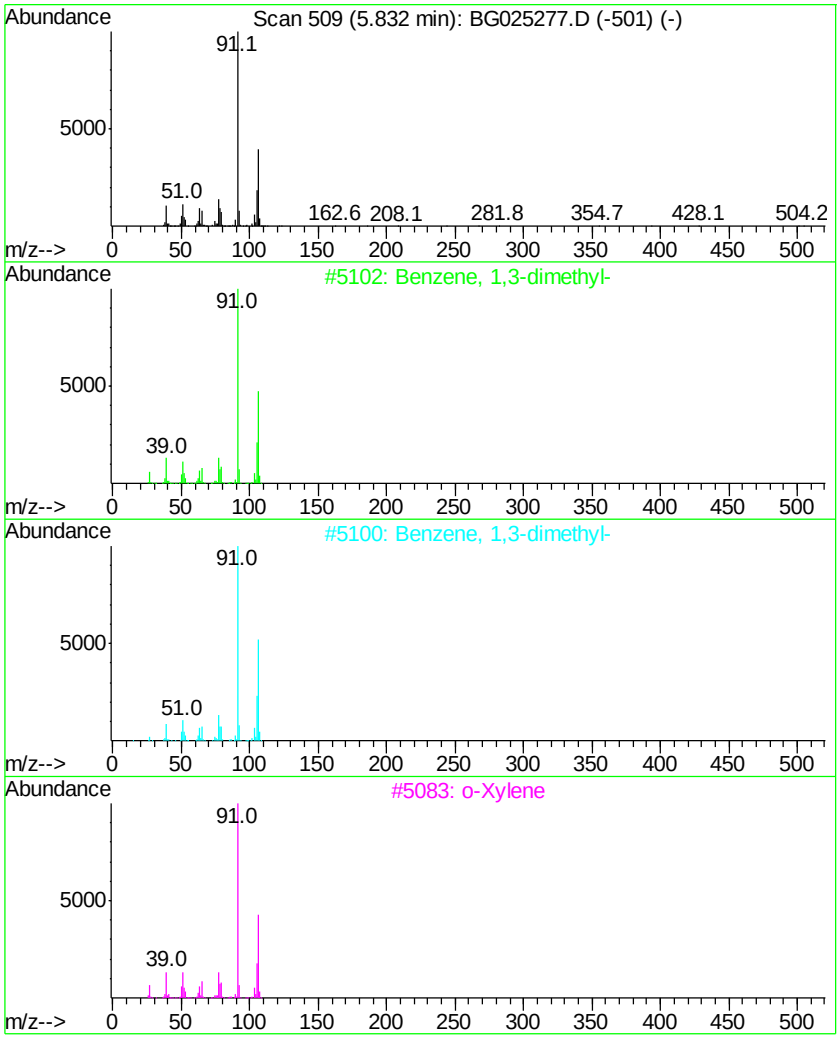
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

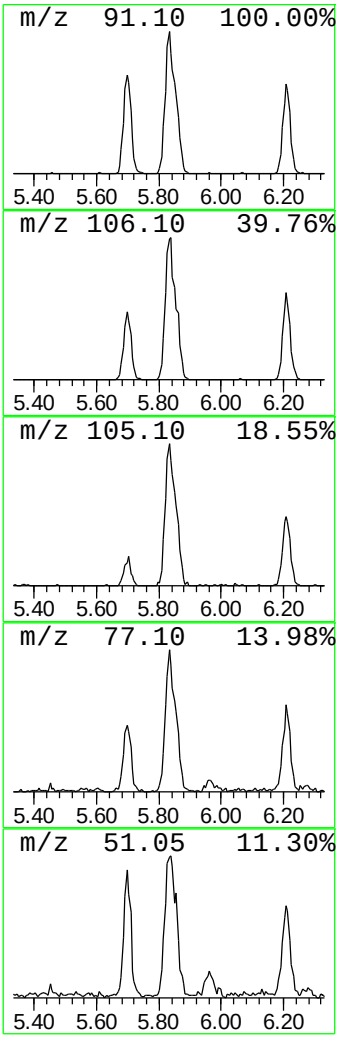
****

Peak Number 2 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	46.67 ng/ul	1295970	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
3	o-Xylene	106	C8H10	000095-47-6	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	95





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

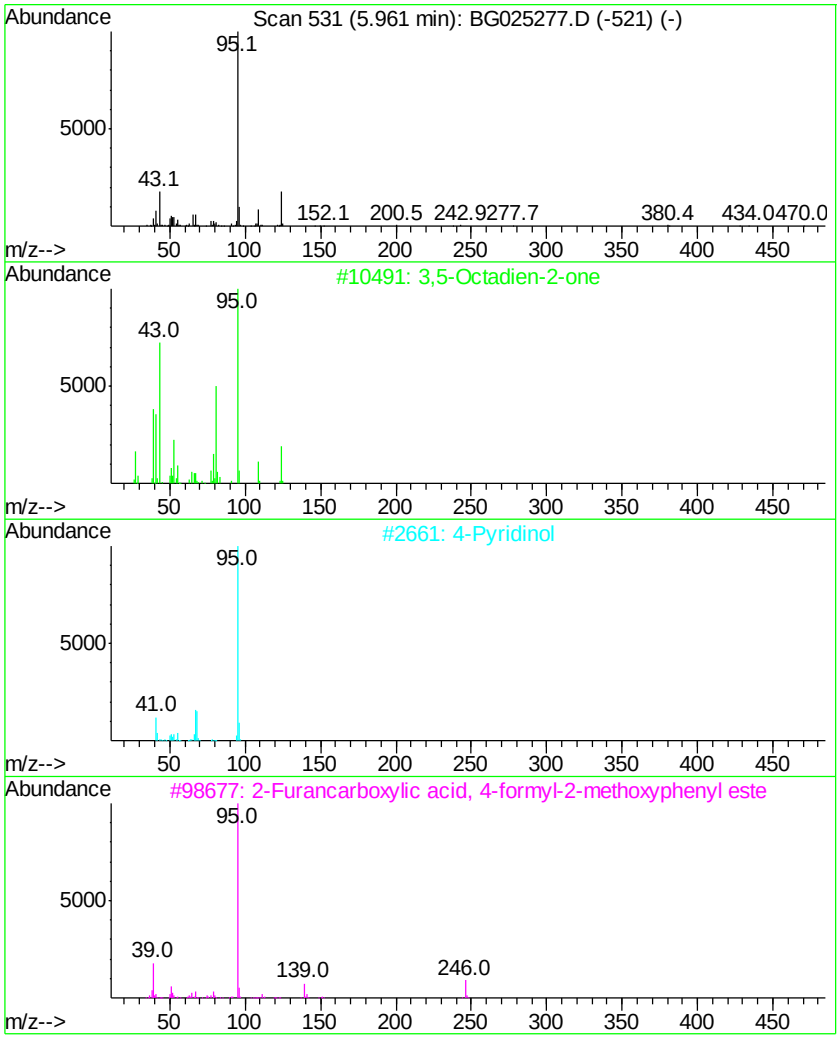
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

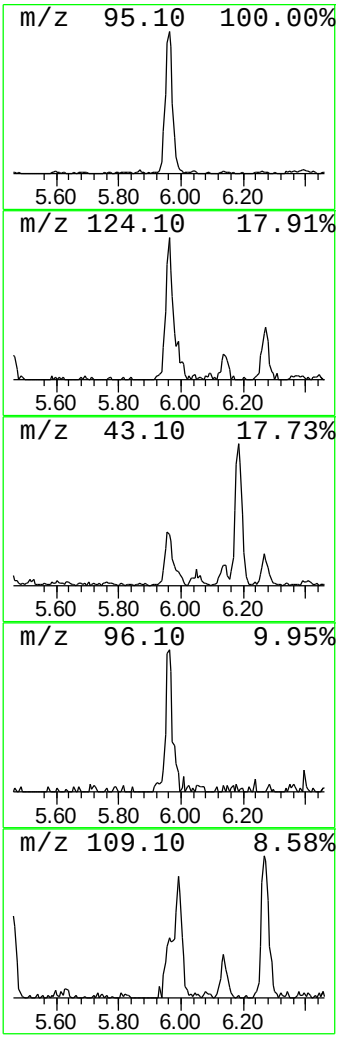
****

Peak Number 3 3,5-Octadien-2-one Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.96	11.63 ng/ul	322879	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,5-Octadien-2-one	124	C8H12O	038284-27-4	64
2	4-Pyridinol	95	C5H5NO	000626-64-2	45
3	2-Furancarboxylic acid, 4-formyl...	246	C13H10O5	1000338-27-8	45
4	Bicyclo[2.2.1]heptane, 2-(1-bute...	150	C11H18	055170-90-6	45
5	Furan, 4-methyl-2-propyl-	124	C8H12O	006148-37-4	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

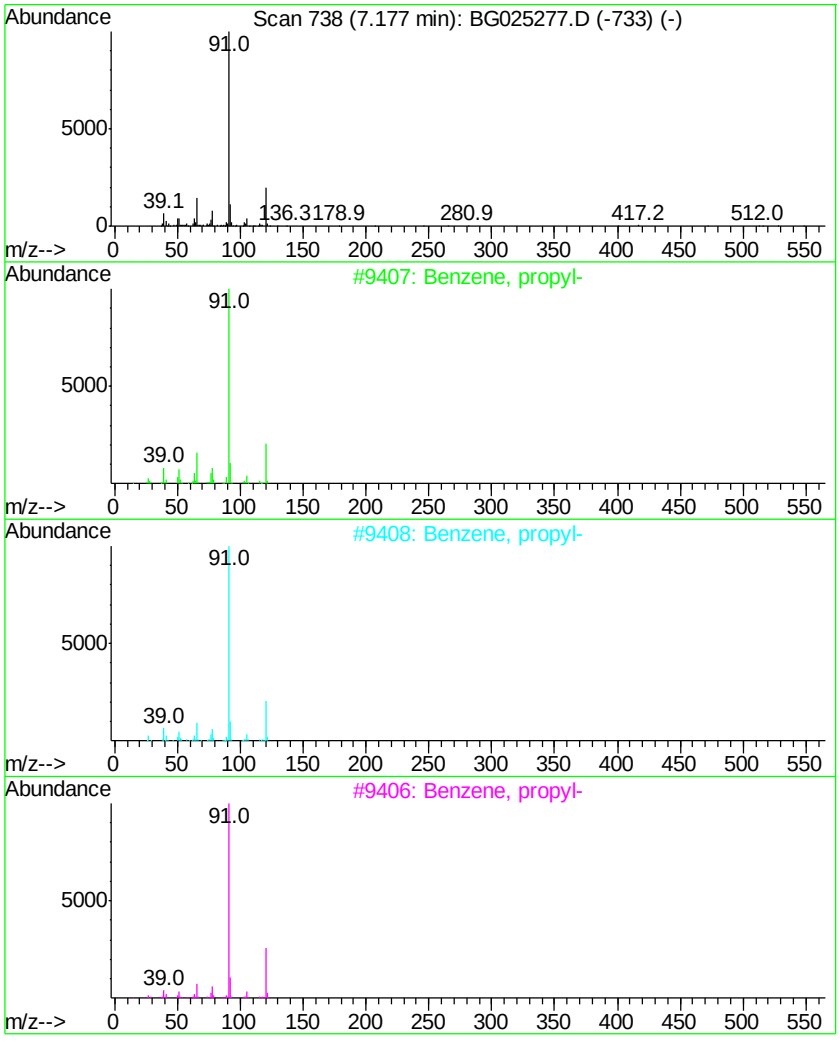
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

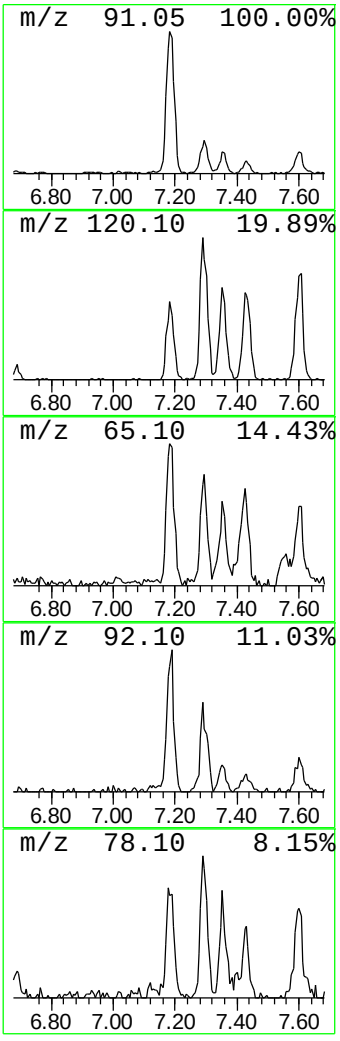
****

Peak Number 5 Benzene, propyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.18	12.91 ng/ul	358512	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	94
2	Benzene, propyl-	120	C9H12	000103-65-1	81
3	Benzene, propyl-	120	C9H12	000103-65-1	64
4	Benzeneacetaldehyde	120	C8H8O	000122-78-1	58
5	2,4,6-Cycloheptatrien-1-one, 4-m...	120	C8H8O	1000327-34-9	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

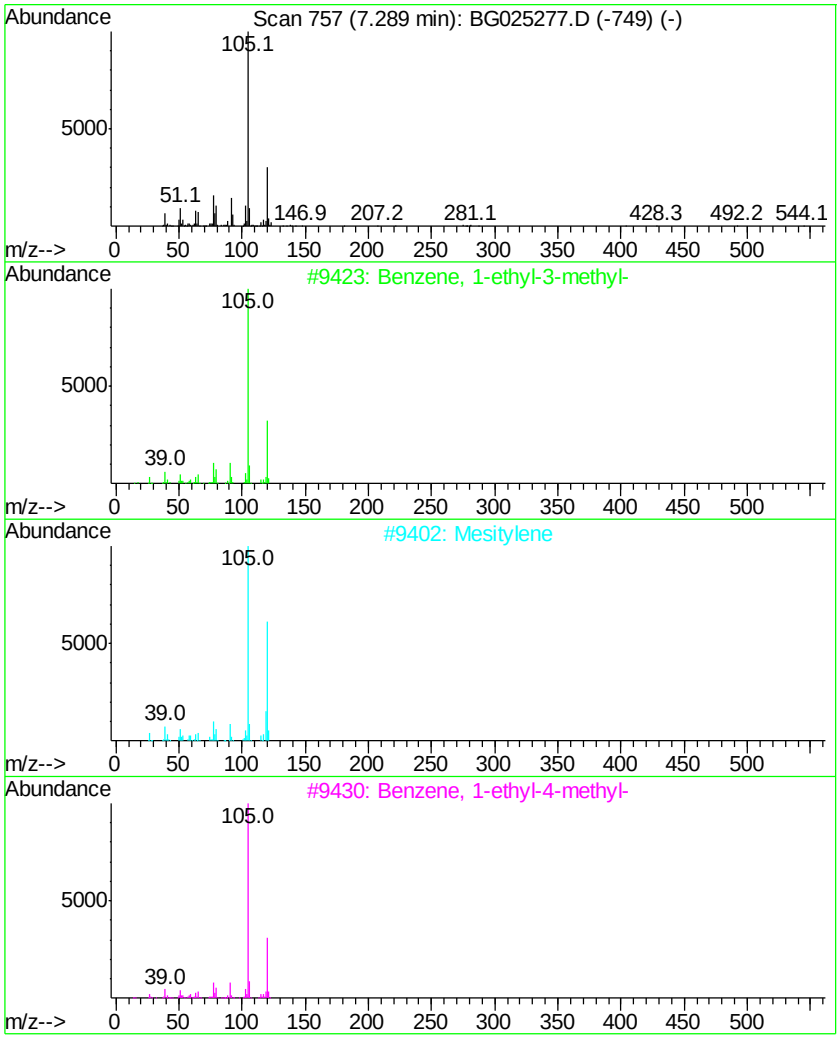
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

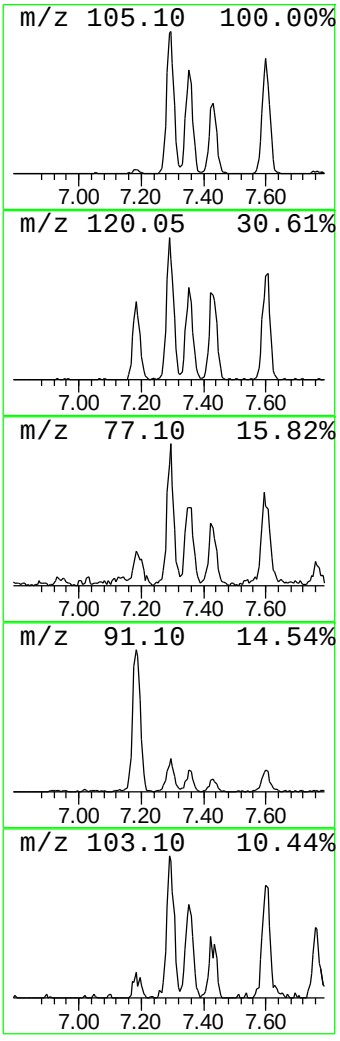
****

Peak Number 6 Benzene, 1-ethyl-3-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	20.65 ng/ul	573410	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
5	Mesitylene	120	C9H12	000108-67-8	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

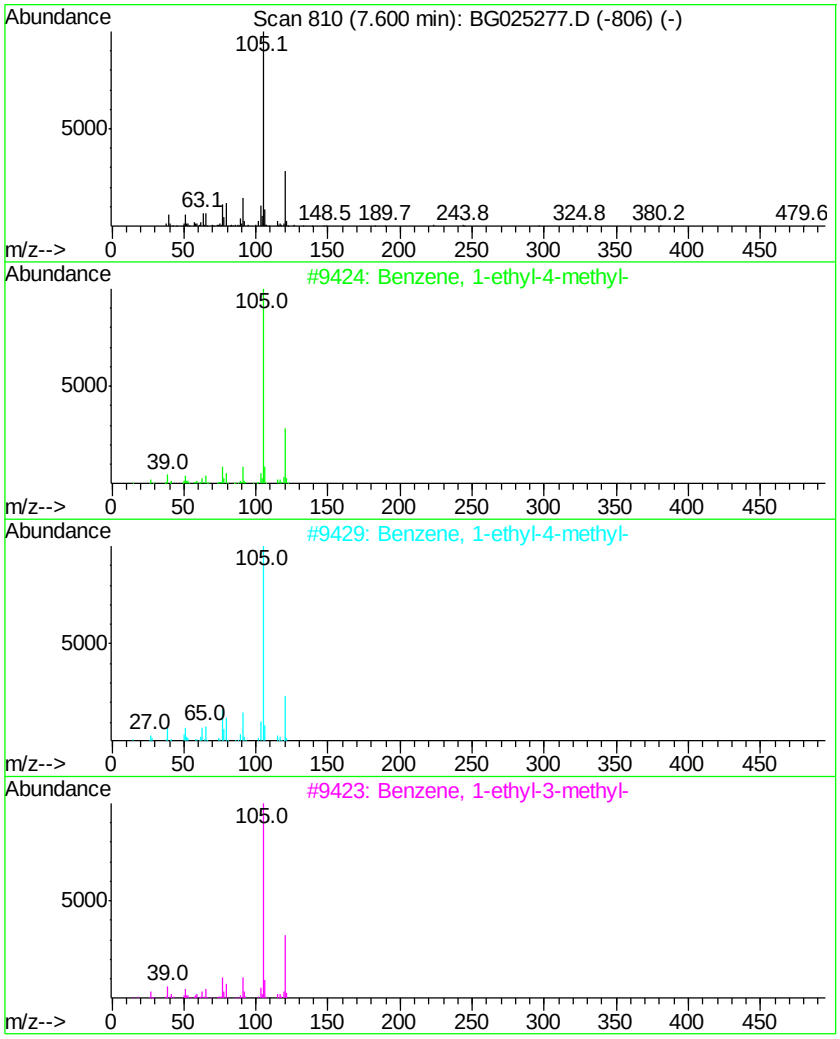
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

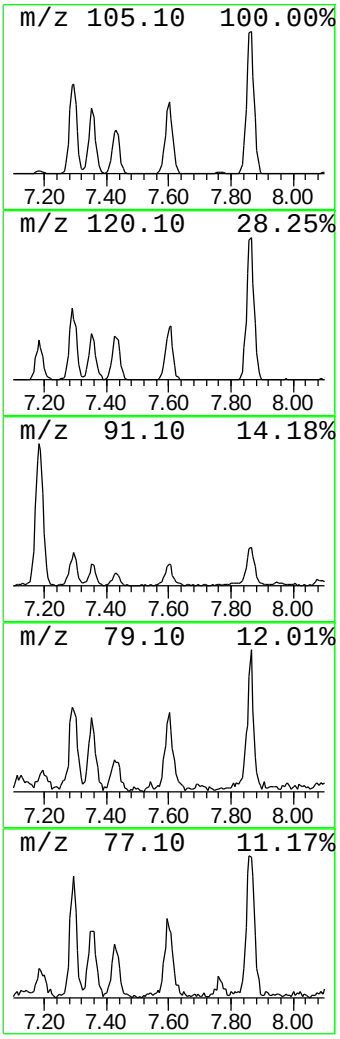
****

Peak Number 7 Benzene, 1-ethyl-4-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	15.92 ng/ul	442140	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	90
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	86
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	86





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Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

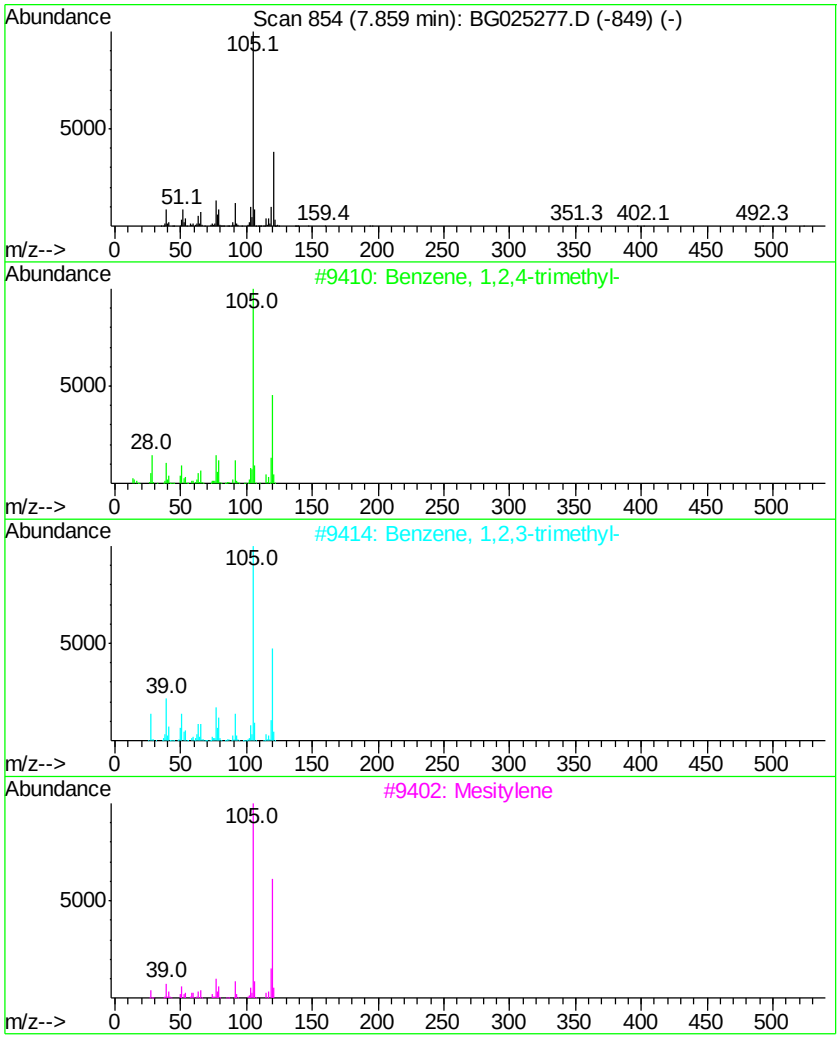
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

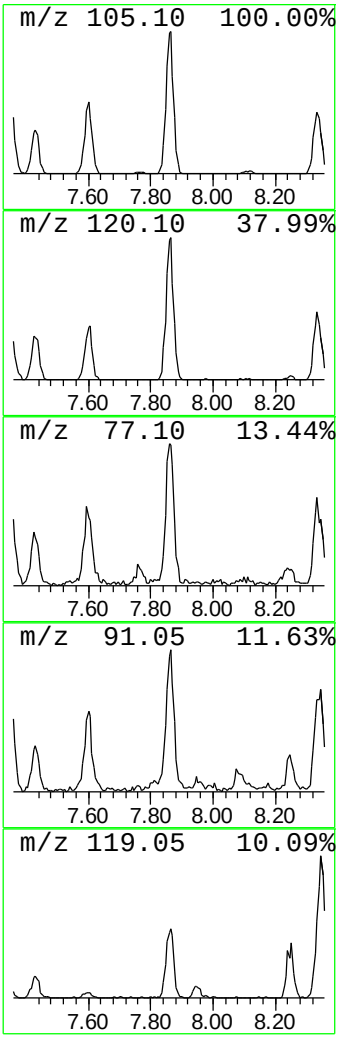
****

Peak Number 8 Benzene, 1,2,4-trimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	34.77 ng/ul	965471	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	93
3	Mesitylene	120	C9H12	000108-67-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

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Data File : BG025277.D
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Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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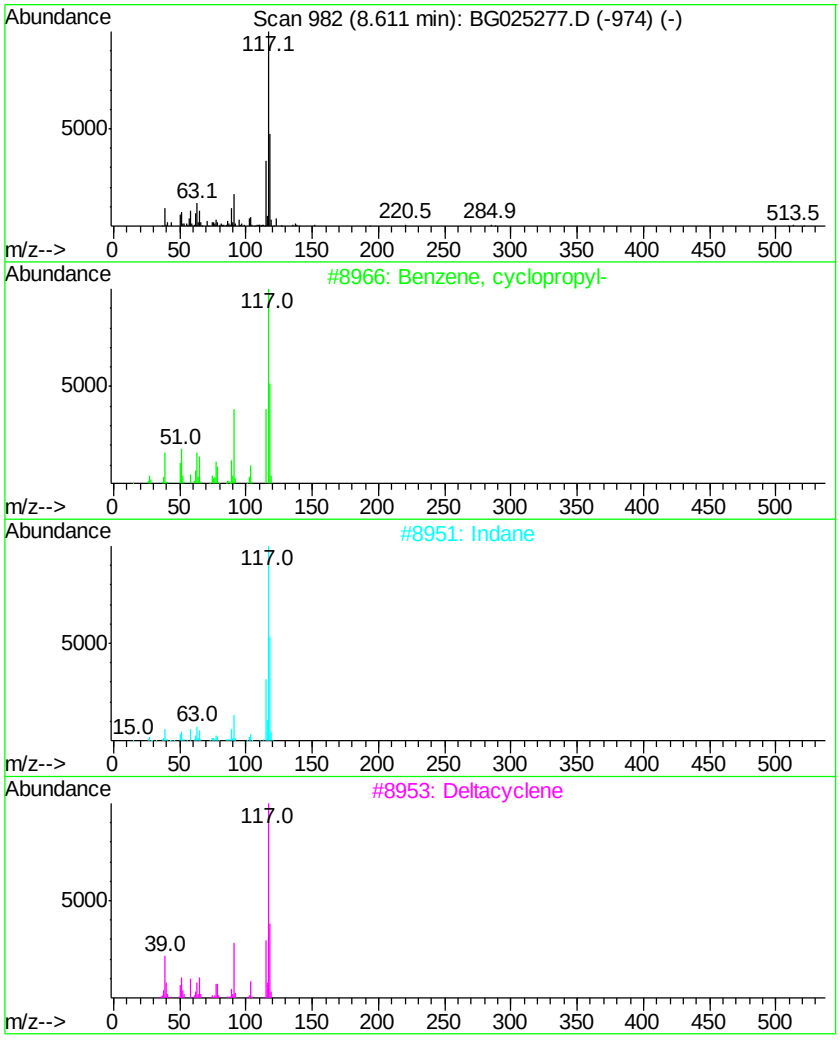
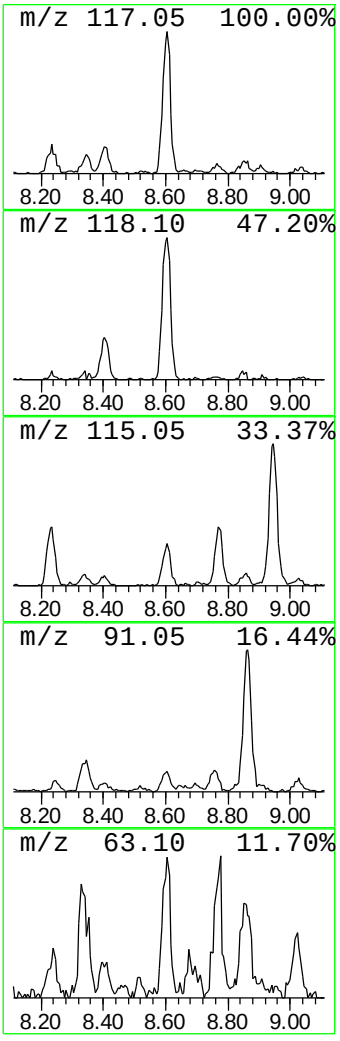
Peak Number 10 Benzene, cyclopropyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.61	13.24 ng/ul	367543	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, cyclopropyl-	118	C9H10	000873-49-4	93
2	Indane	118	C9H10	000496-11-7	91
3	Deltacyclene	118	C9H10	007785-10-6	87
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	83
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	80





Library Search Compound Report

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Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
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Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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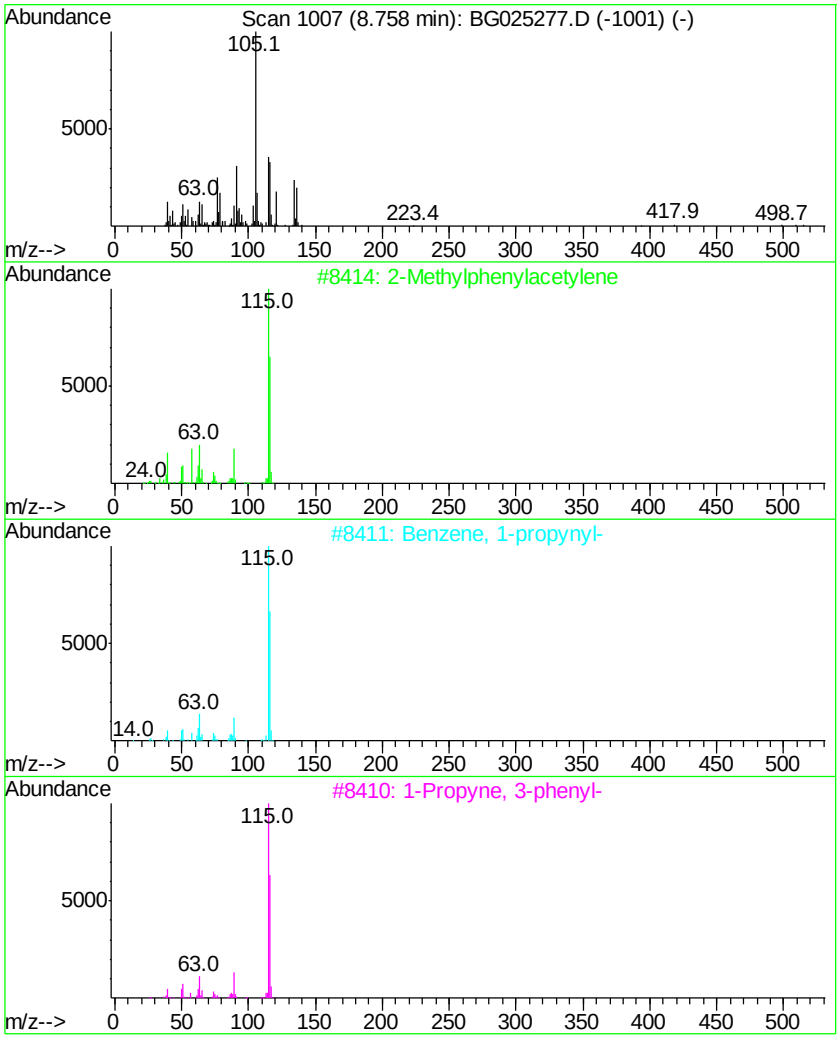
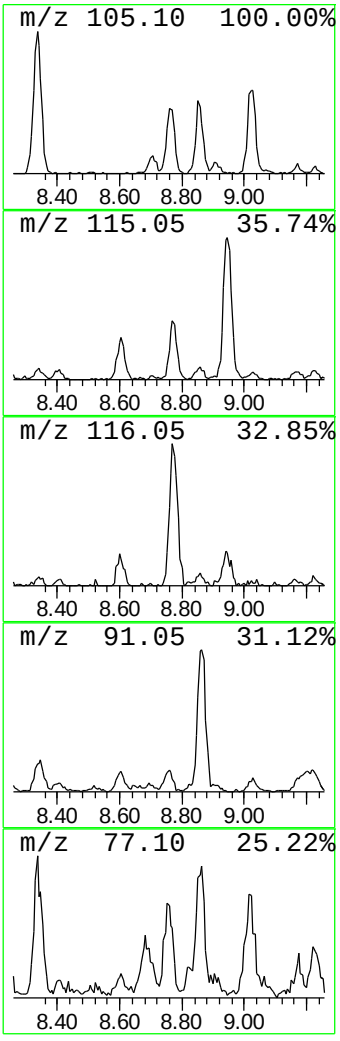
Peak Number 11 unknown-01 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.76	16.22 ng/ul	450311	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylphenylacetylene	116	C9H8	000766-47-2	46
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	46
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	45
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	43
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	43





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Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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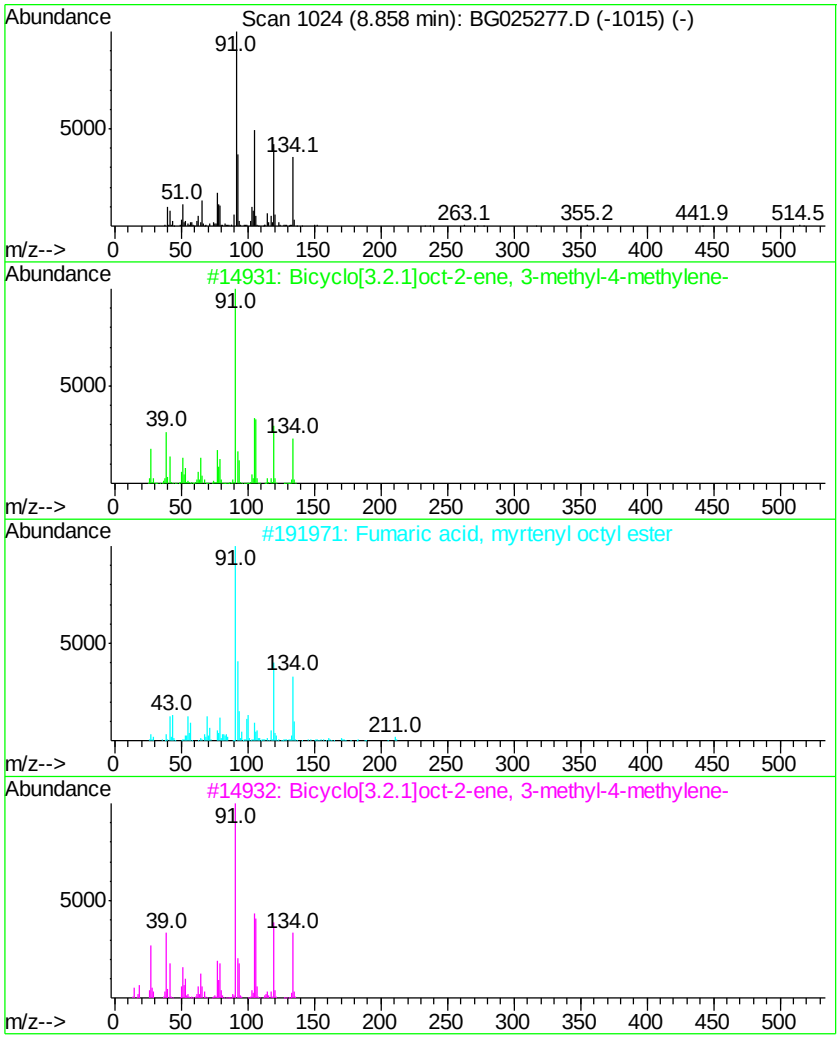
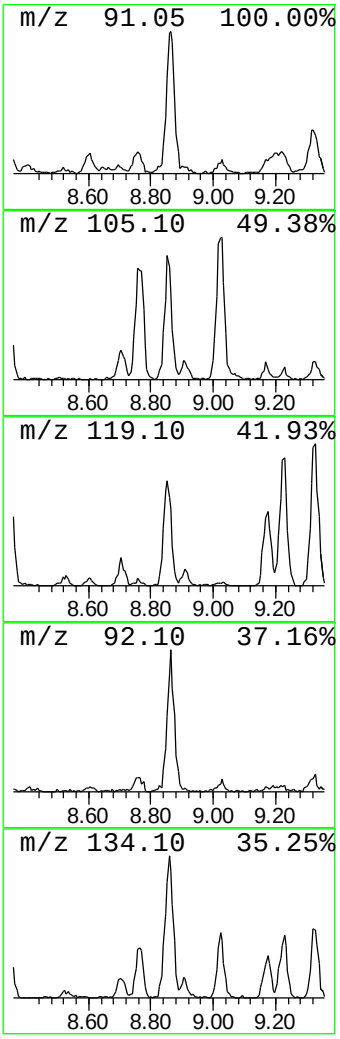
Peak Number 12 Bicyclo[3.2.1]oct-2-ene, 3-... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	28.46 ng/ul	790198	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	74
2	Fumaric acid, myrtenyl octyl ester	362	C22H34O4	1000348-81-7	72
3	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	72
4	Benzeneacetaldehyde, .alpha.-ethyl-	148	C10H12O	002439-43-2	58
5	Benzene, (1-nitropropyl)-	165	C9H11NO2	005279-14-1	47





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Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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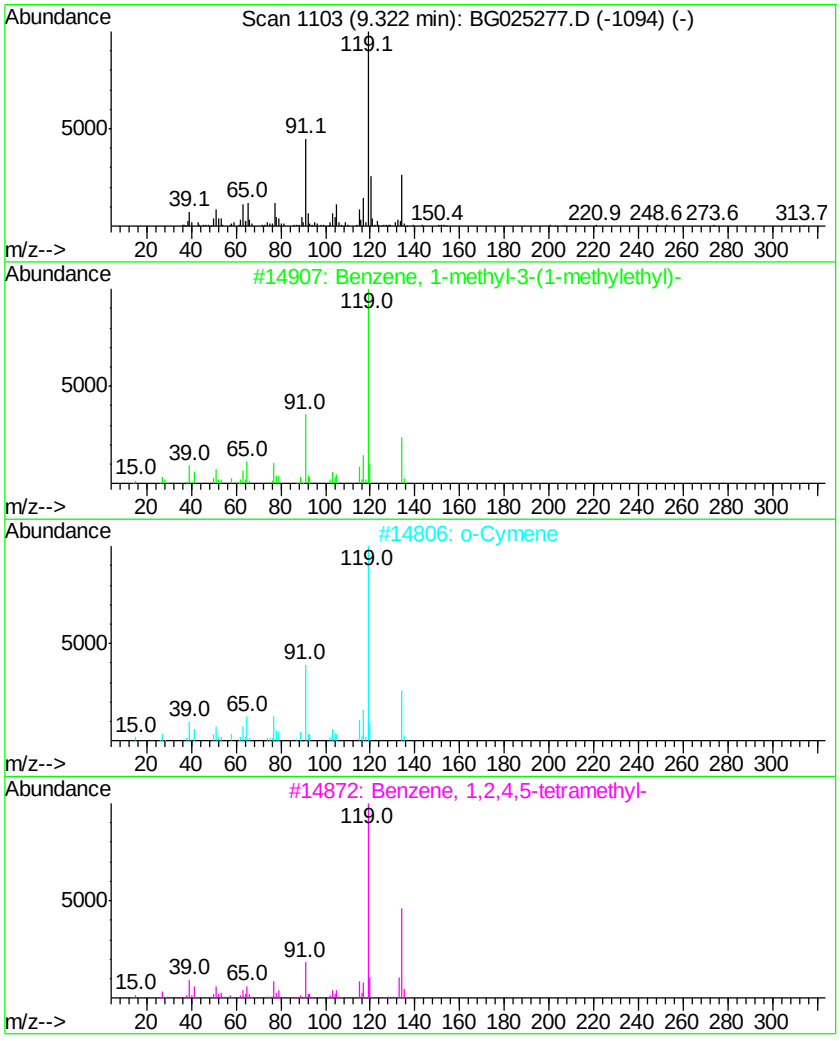
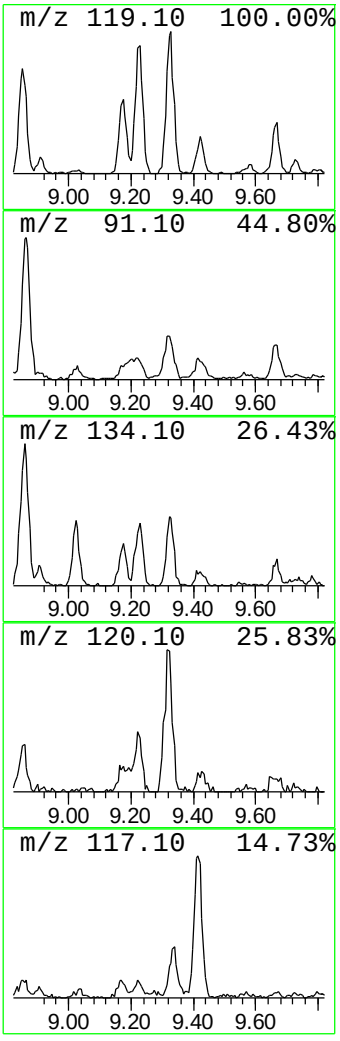
Peak Number 13 Benzene, 1-methyl-3-(1-meth... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	18.57 ng/ul	515605	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	93
2	o-Cymene	134	C10H14	000527-84-4	90
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	81
4	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	81
5	p-Cymene	134	C10H14	000099-87-6	81





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Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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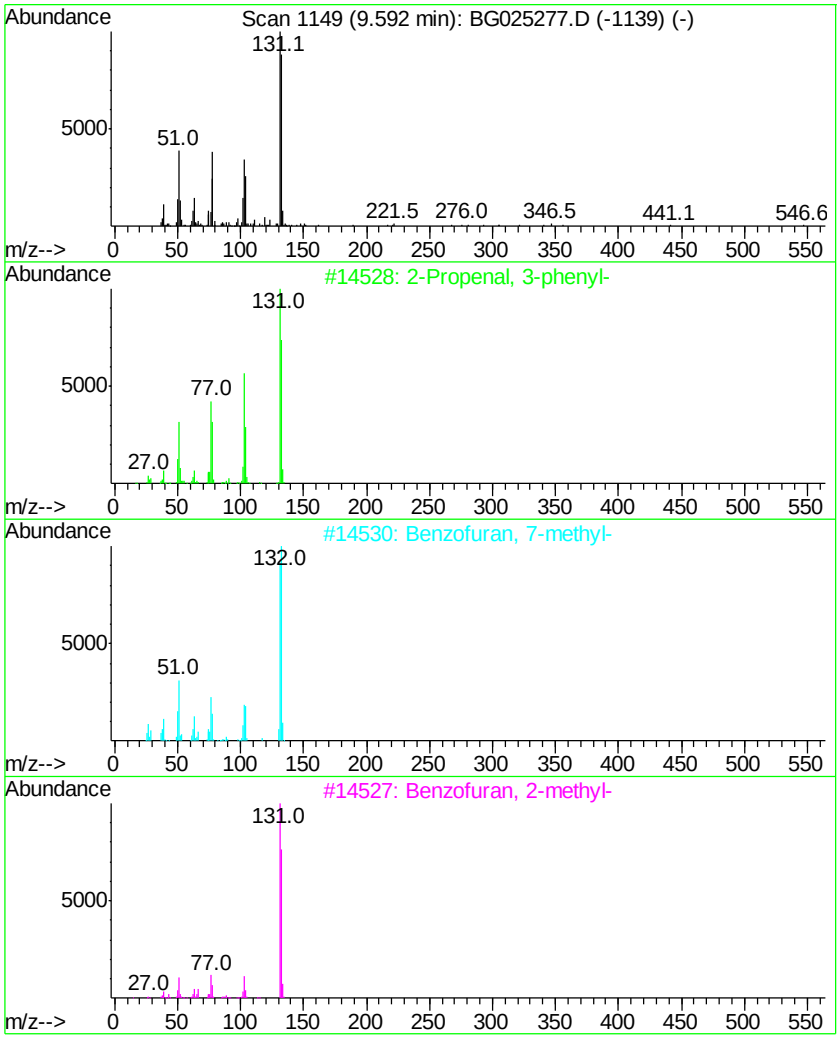
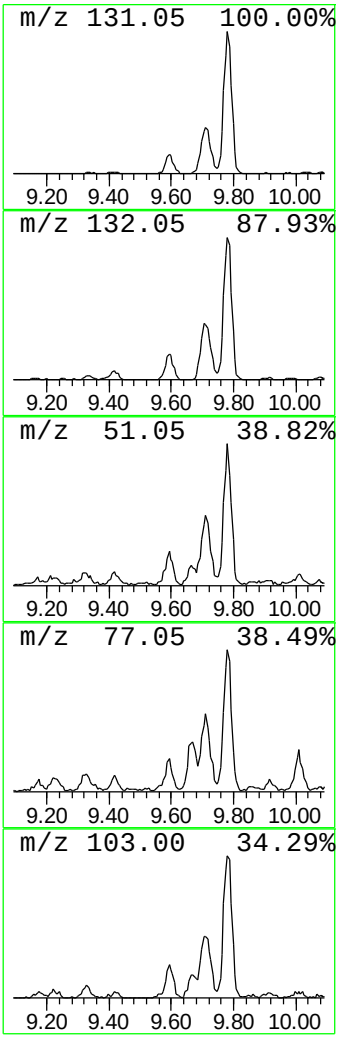
Peak Number 14 2-Propenal, 3-phenyl- Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	13.68 ng/ul	379867	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	95
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	94
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93





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Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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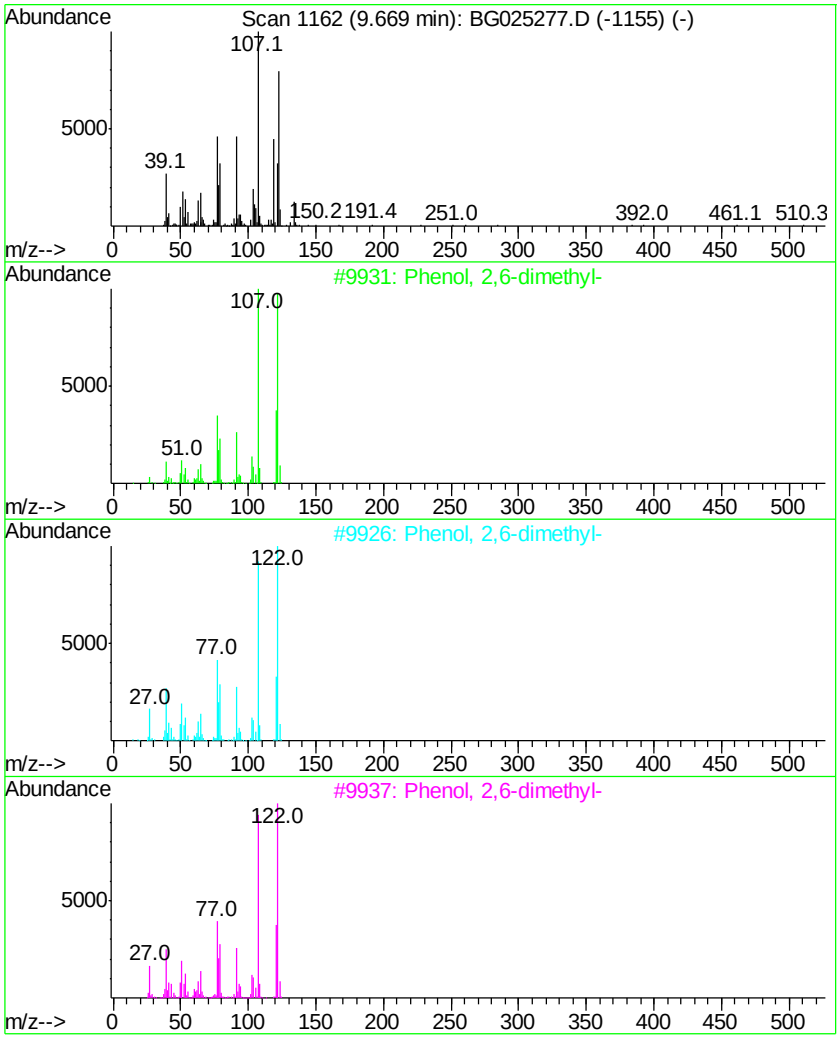
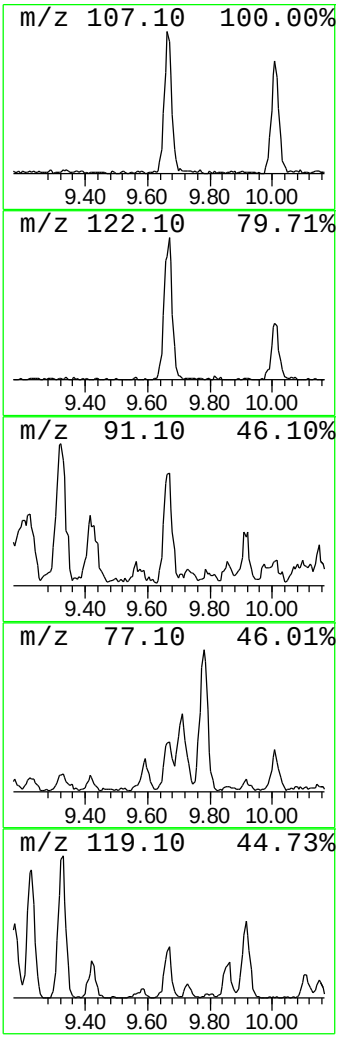
Peak Number 15 Phenol, 2,6-dimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.67	20.20 ng/ul	514670	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	89
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	81
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	81
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	81





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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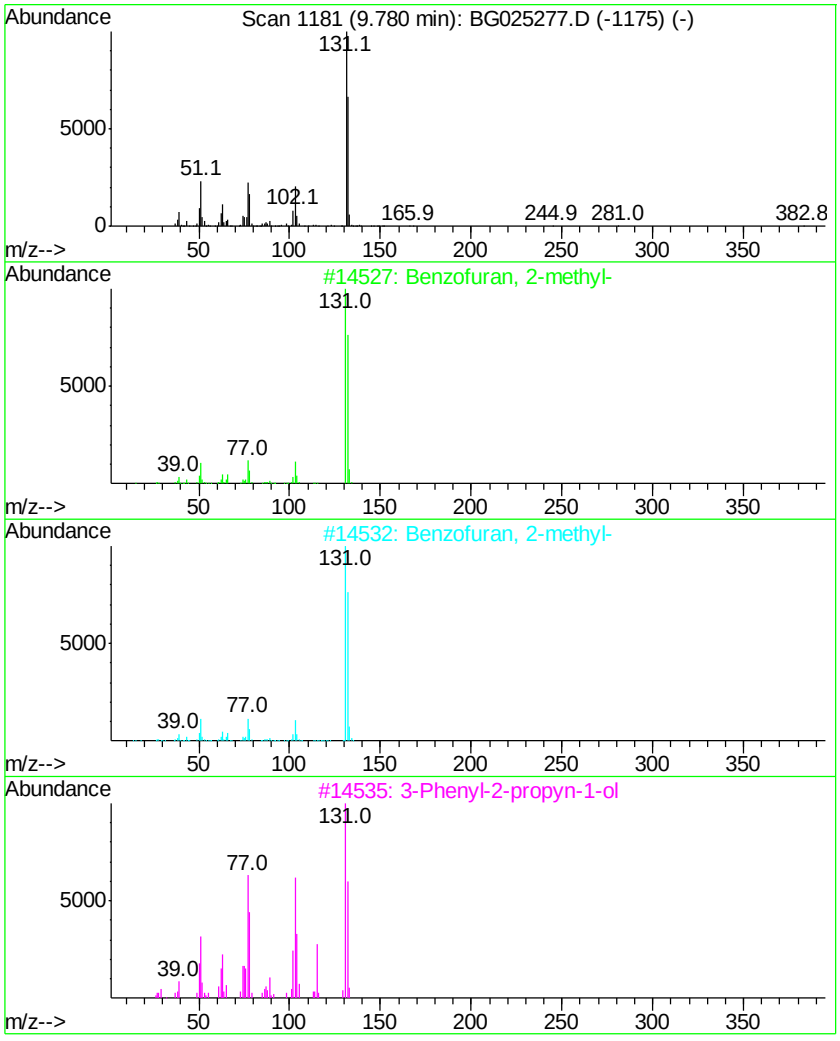
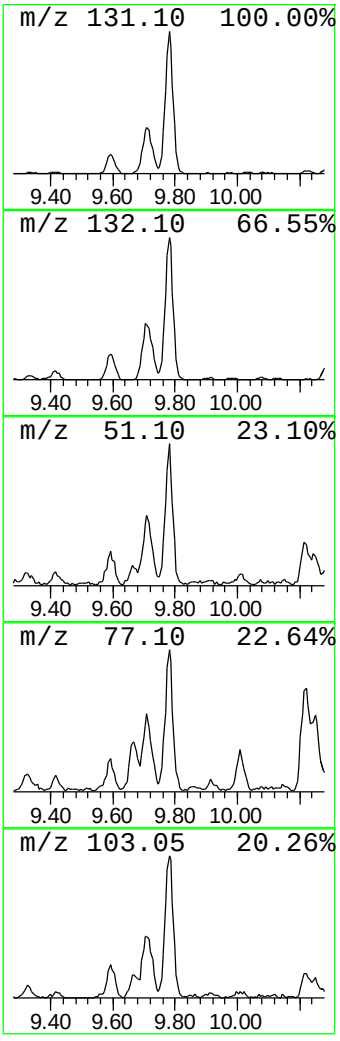
Peak Number 17 Benzofuran, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	61.97 ng/ul	1578810	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	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

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

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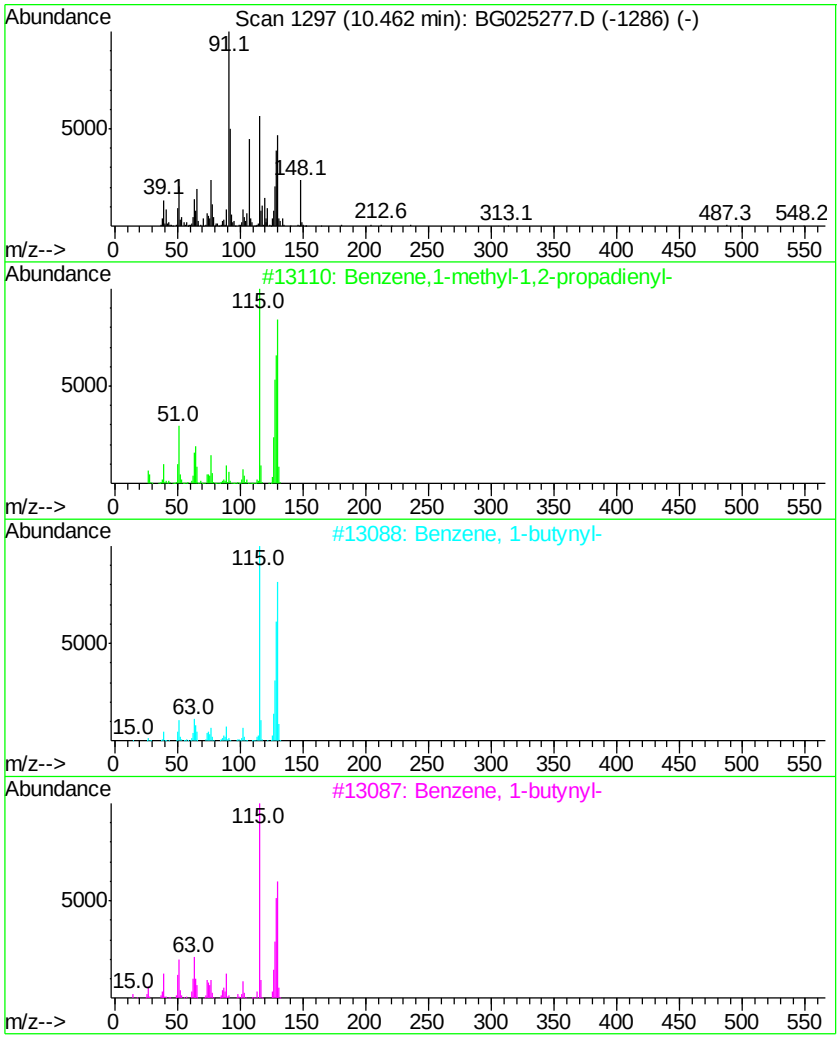
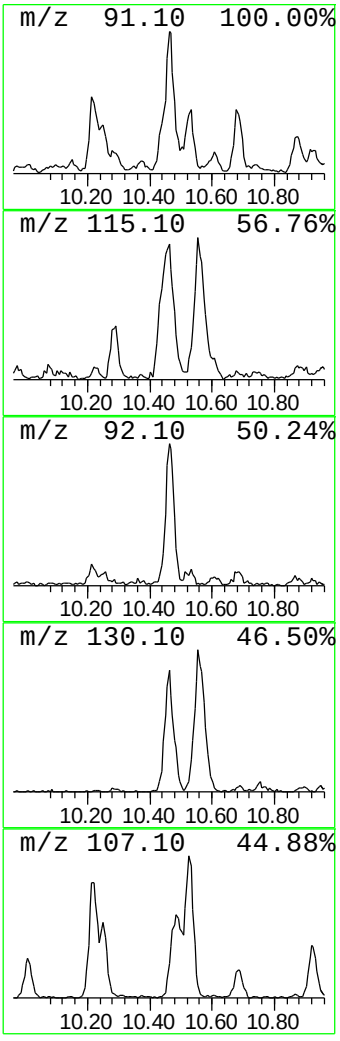
Peak Number 18 Benzene,1-methyl-1,2-propad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	66.03 ng/ul	1682160	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	60
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	46
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	46
4	Benzene, 1,4,9-decatrienyl-	212	C16H20	013393-63-0	37
5	Propenal, 3-phenyl-, .alpha.-tol...	264	C17H16N2O	318512-81-1	32





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Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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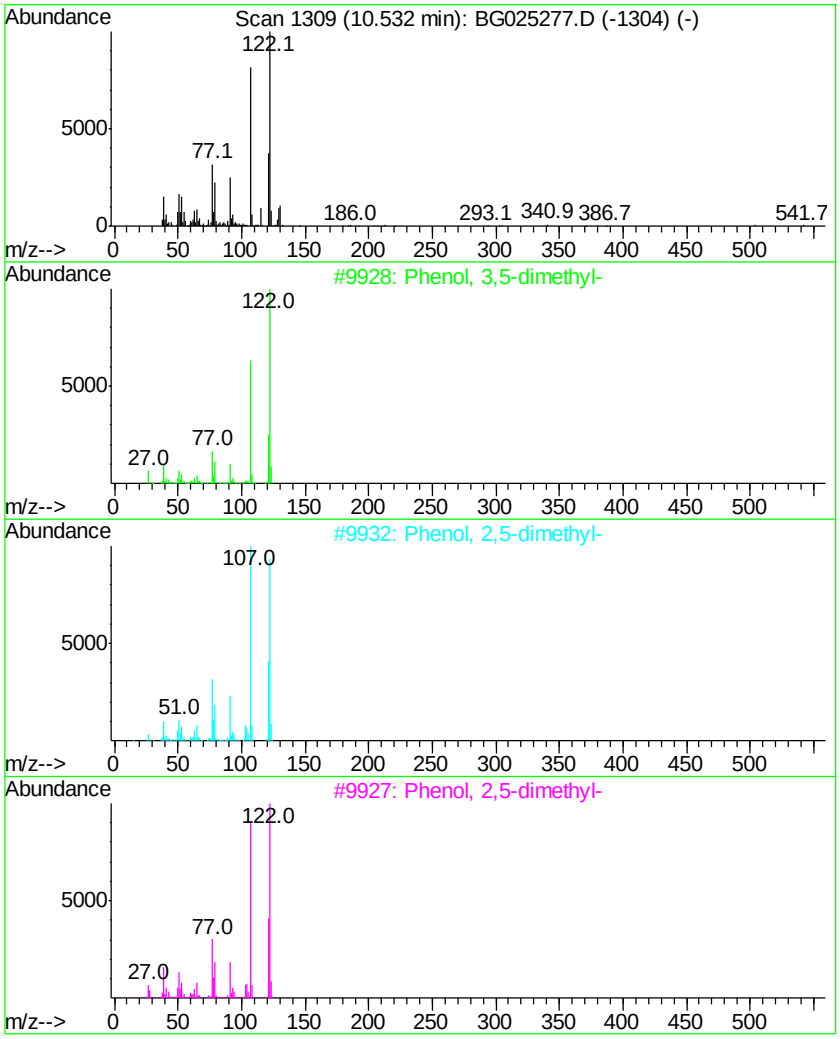
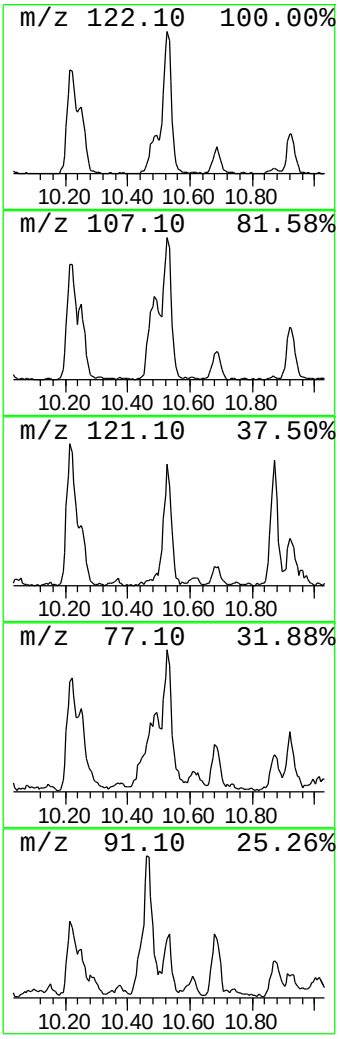
Peak Number 19 Phenol, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	46.04 ng/ul	1173100	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
5	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	87





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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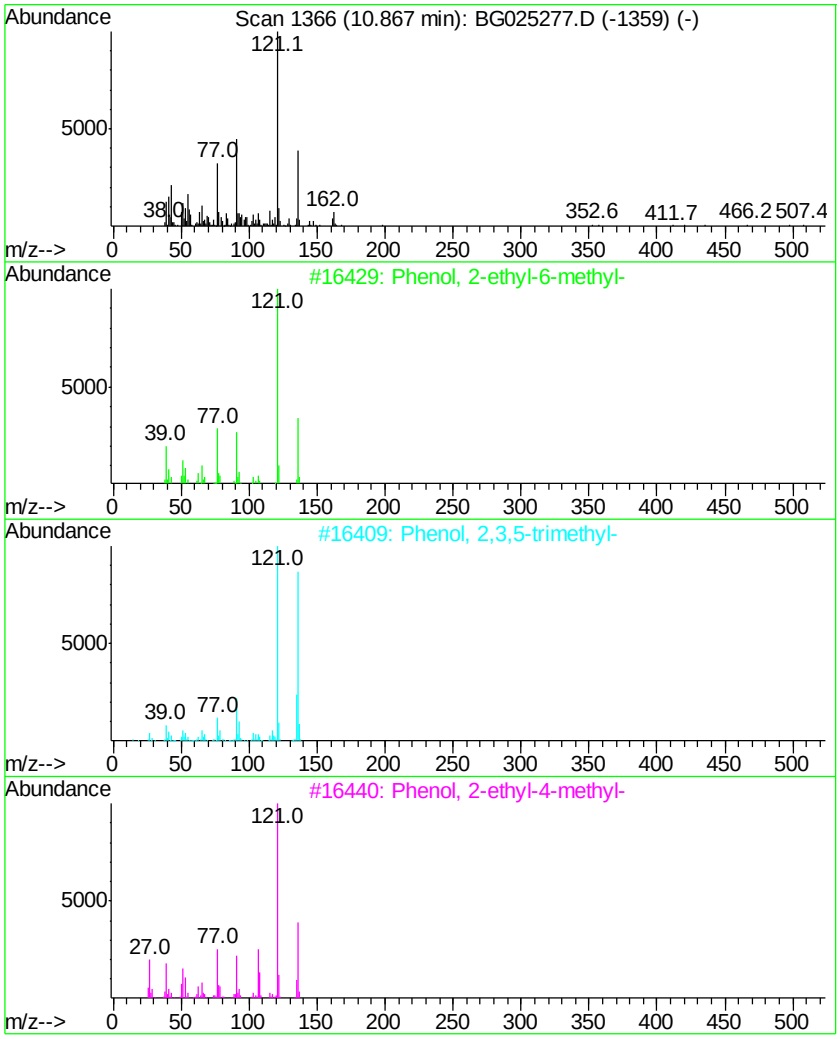
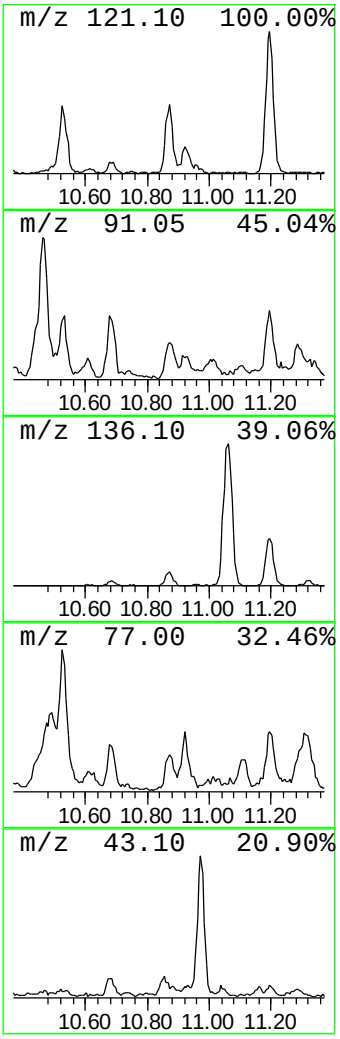
Peak Number 20 Phenol, 2-ethyl-6-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	20.85 ng/ul	531158	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	93
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	86
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	86





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Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

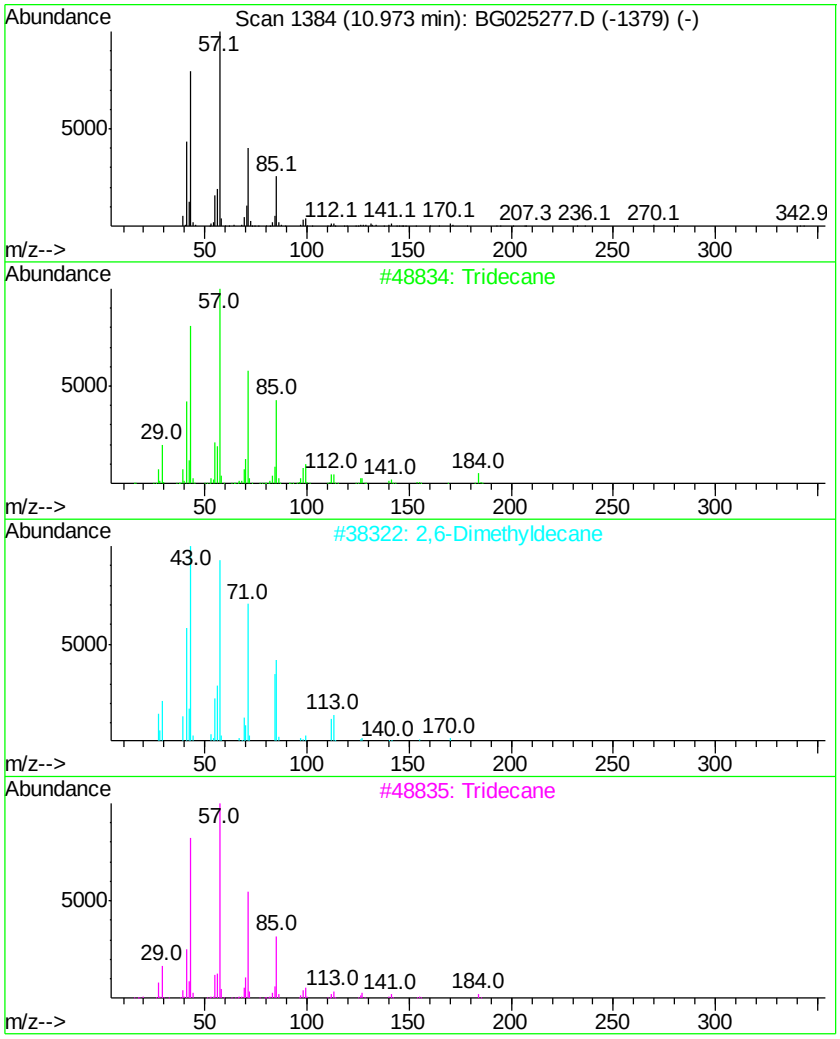
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

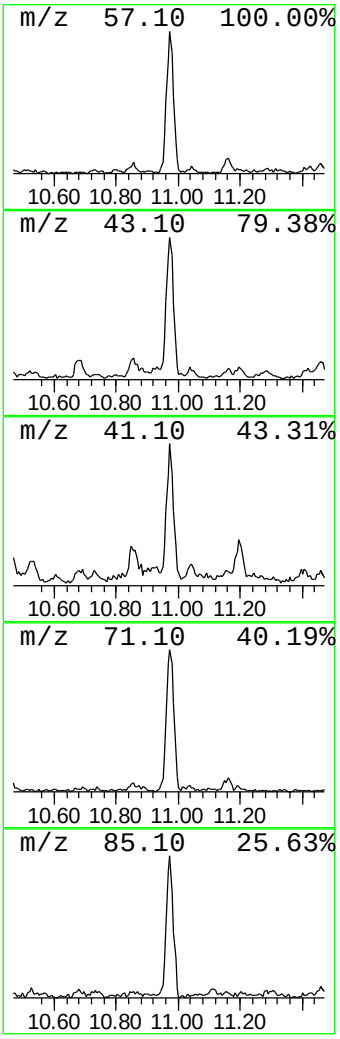
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	20.87 ng/ul	531695	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	2,6-Dimethyldecane	170	C12H26	013150-81-7	80
3	Tridecane	184	C13H28	000629-50-5	78
4	Decane, 2,9-dimethyl-	170	C12H26	001002-17-1	78
5	Dodecane	170	C12H26	000112-40-3	76





Library Search Compound Report

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Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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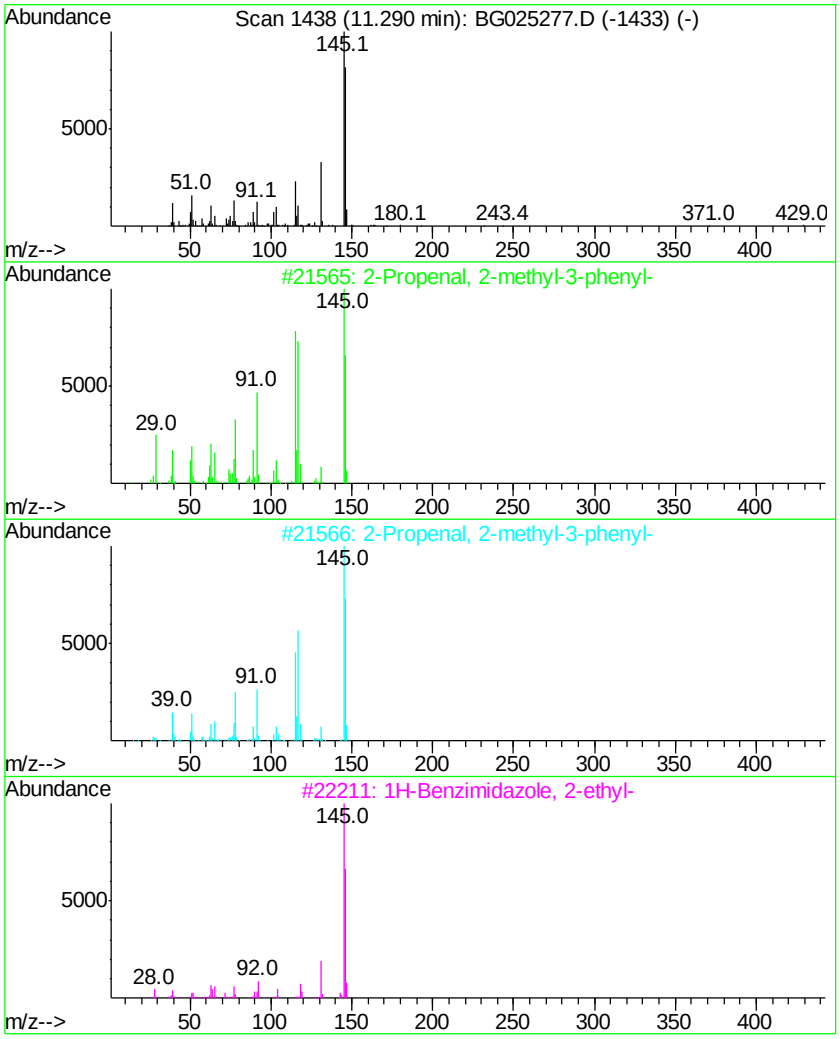
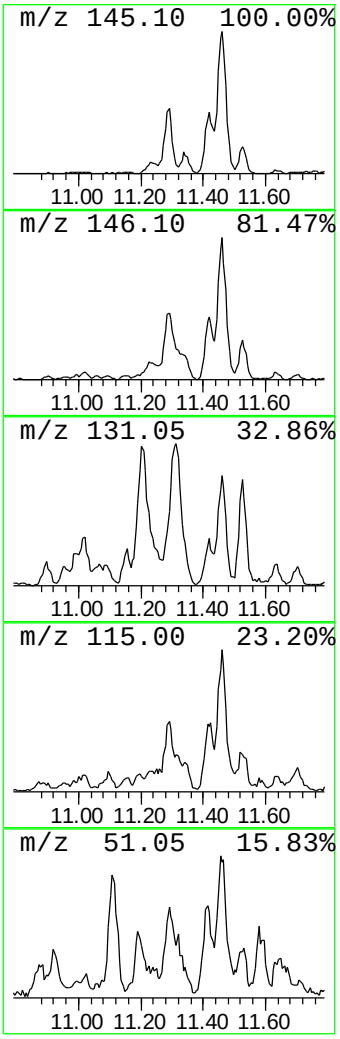
Peak Number 22 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	55.37 ng/ul	1410650	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53





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Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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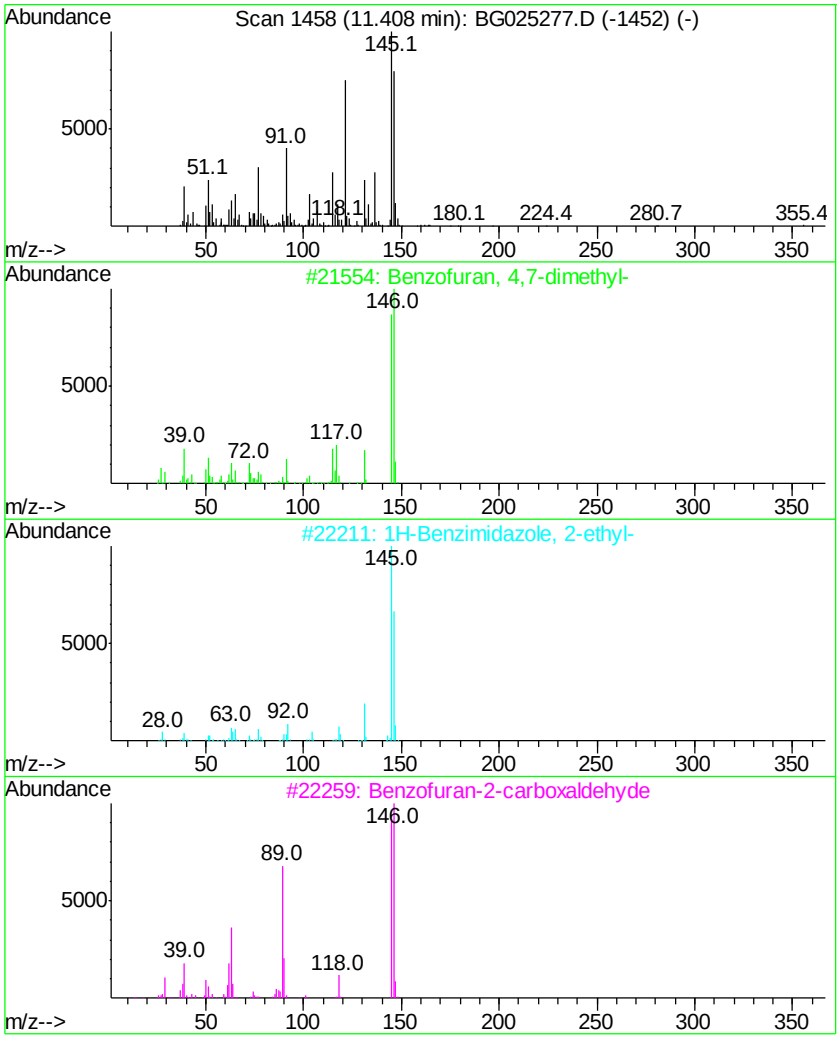
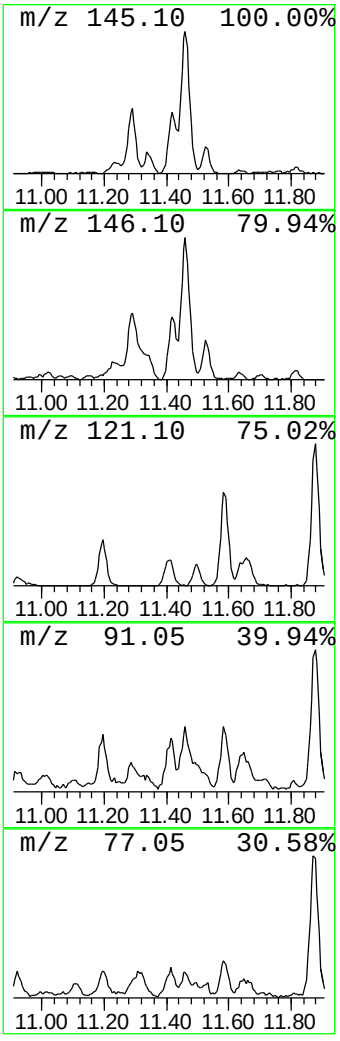
Peak Number 23 Benzofuran, 4,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	42.73 ng/ul	1088730	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	58
3	Benzofuran-2-carboxaldehyde	146	C9H6O2	004265-16-1	53
4	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	49
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	47





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Instrument : BNA_G
ClientSampleId : DA8X0

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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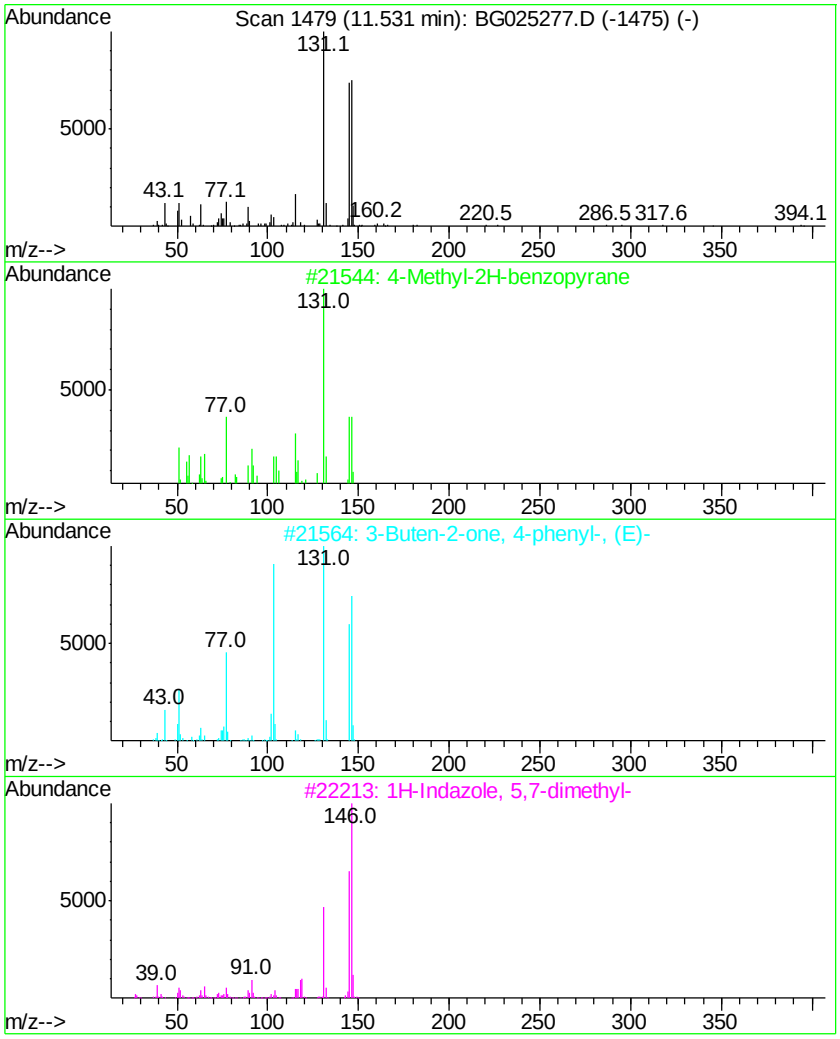
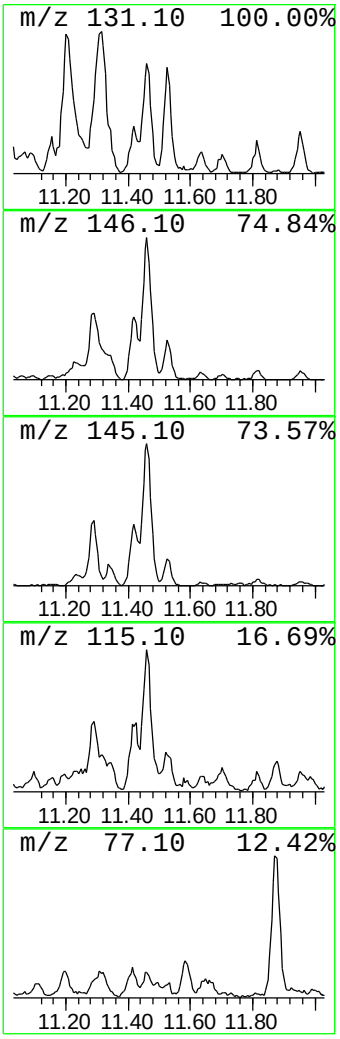
Peak Number 25 4-Methyl-2H-benzopyrane Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	14.37 ng/ul	366152	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	78
2	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	78
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	78
4	Phenylacetic acid, 2-hydroxycarb...	208	C11H12O4	040484-15-9	64
5	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64





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Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

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

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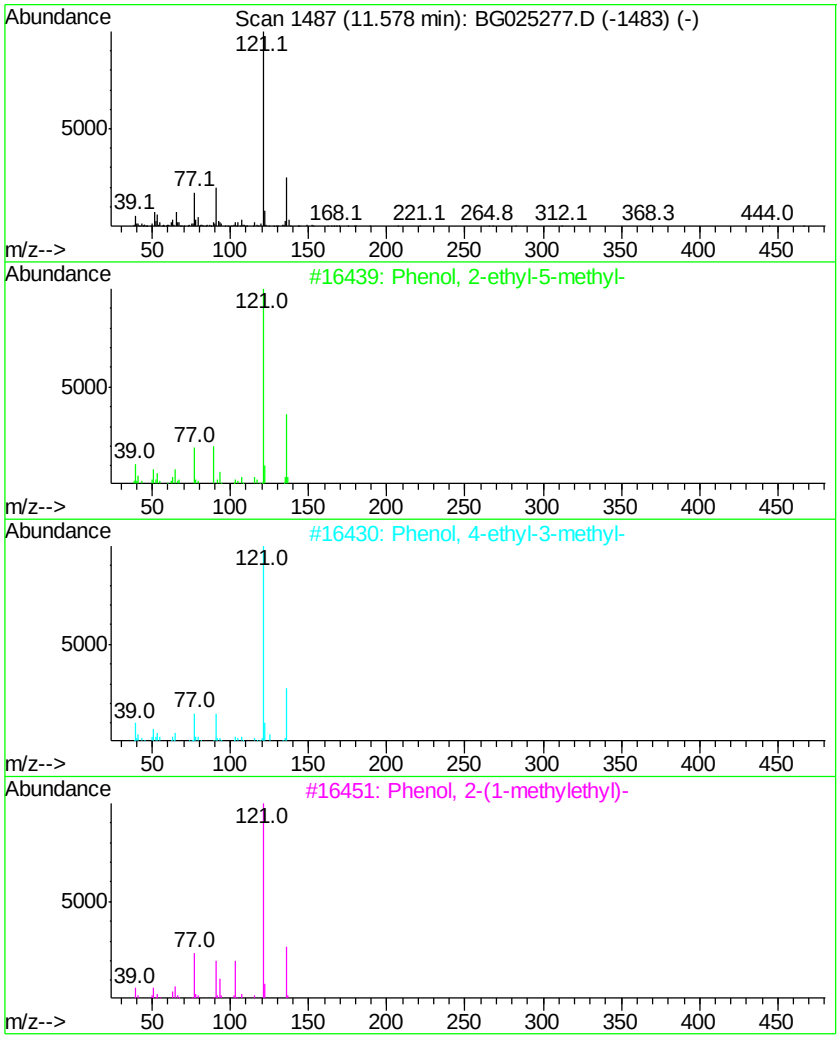
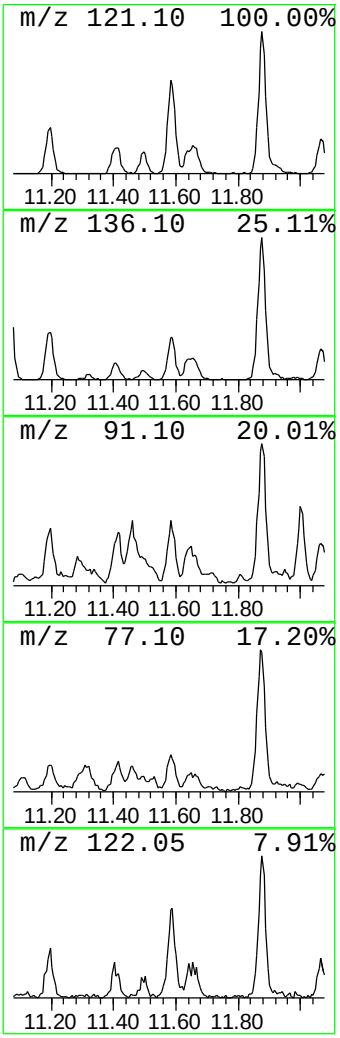
Peak Number 26 Phenol, 2-ethyl-5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	28.20 ng/ul	718356	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	91
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	87
4	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	86
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	83





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Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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Quant Title : SVOA CALIBRATION

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

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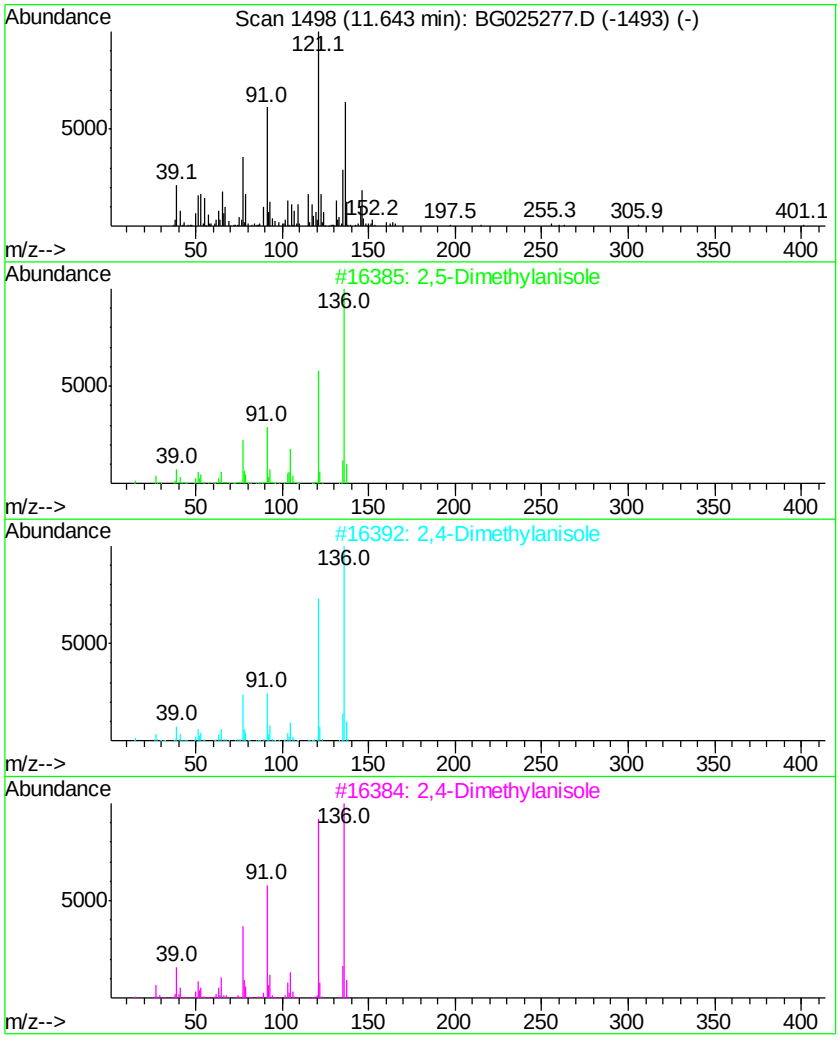
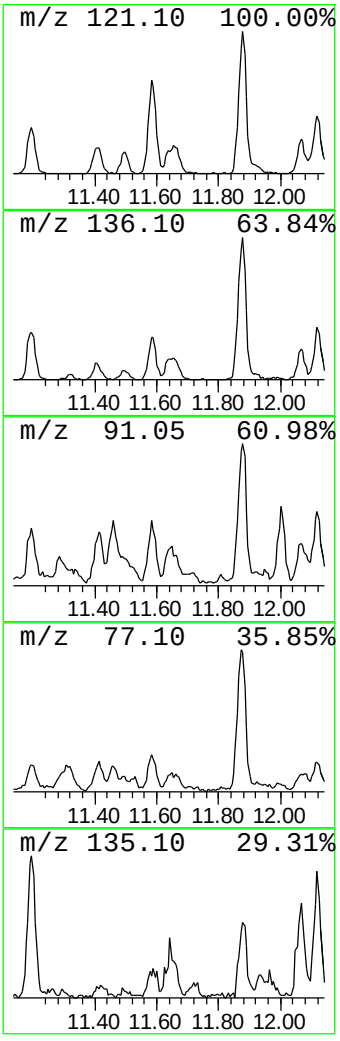
Peak Number 27 2,5-Dimethylanisole Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	16.97 ng/ul	432242	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Dimethylanisole	136	C9H12O	001706-11-2	86
2	2,4-Dimethylanisole	136	C9H12O	006738-23-4	86
3	2,4-Dimethylanisole	136	C9H12O	006738-23-4	80
4	2,3-Dimethylanisole	136	C9H12O	002944-49-2	70
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	64





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Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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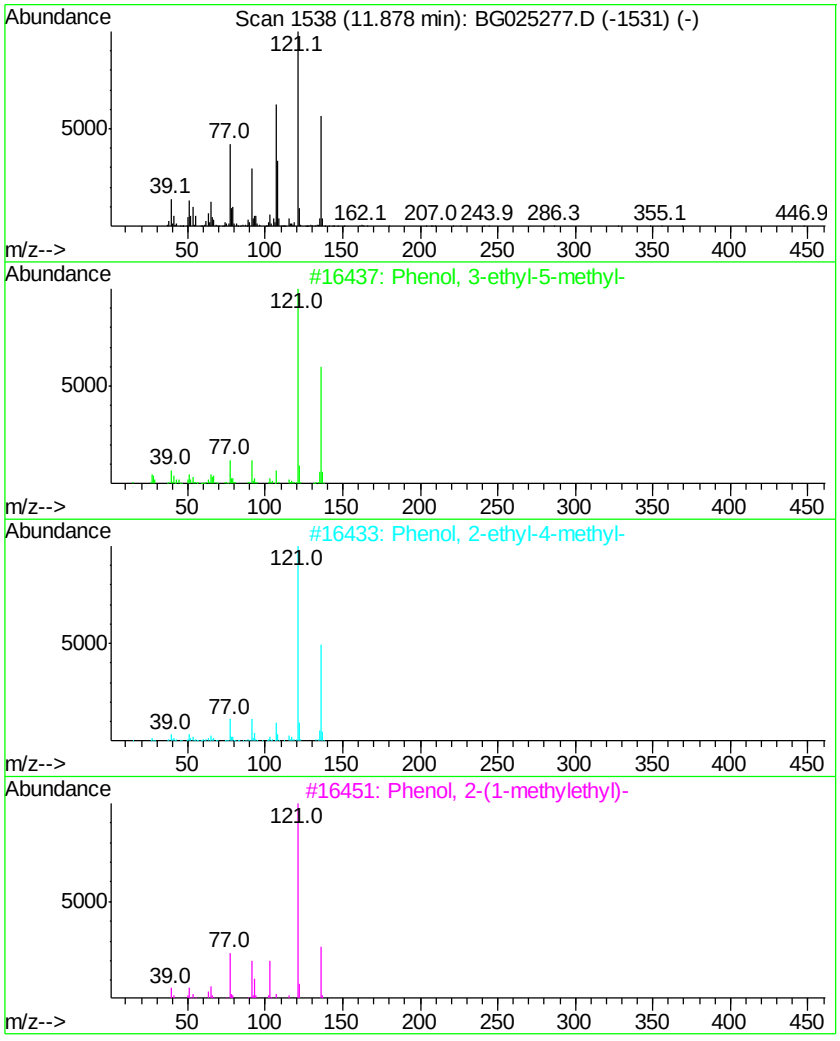
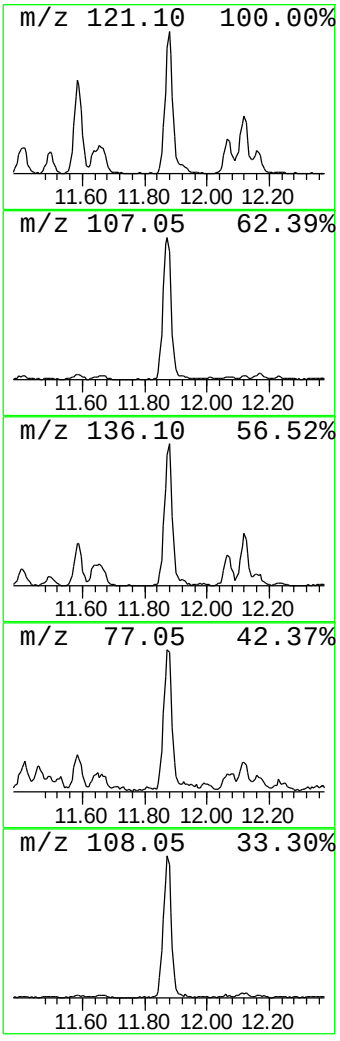
Peak Number 28 Phenol, 3-ethyl-5-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	95.86 ng/ul	2442310	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	68
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	64
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	58
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	58
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	55





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Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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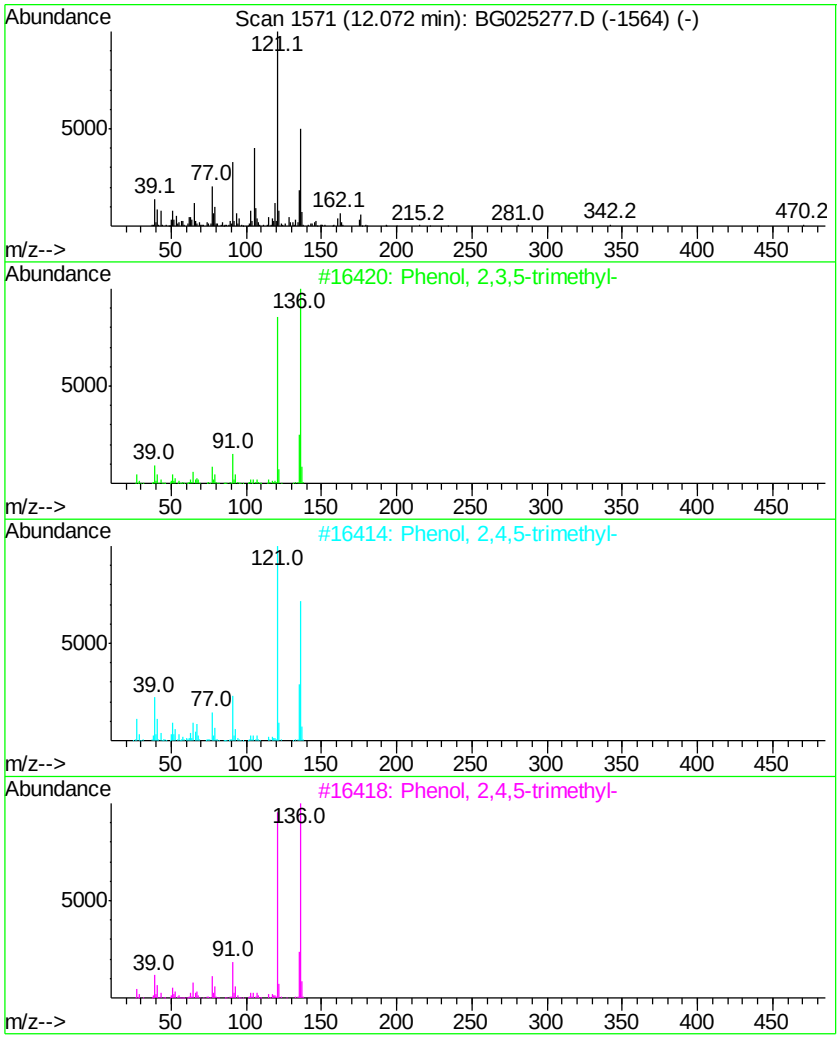
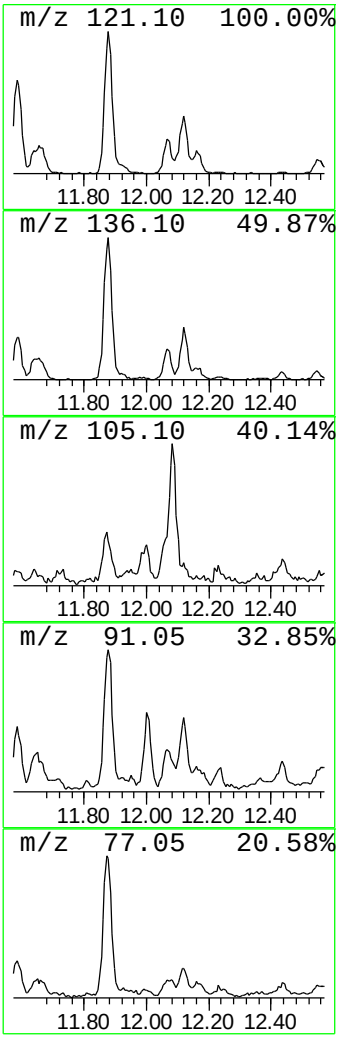
Peak Number 29 Phenol, 2,3,5-trimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	29.61 ng/ul	754344	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	83
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	83
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	81
4	1,3-Cyclohexadiene, 1,3,5,5-tetr...	136	C10H16	004724-89-4	74
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	74





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Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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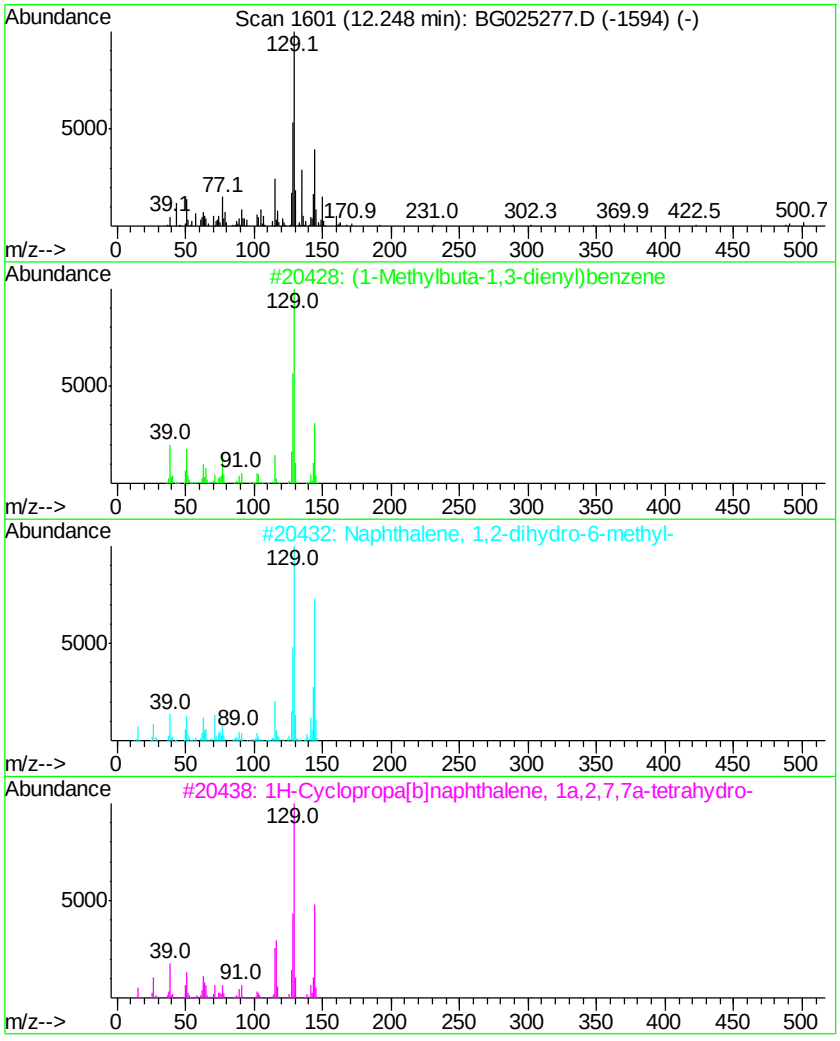
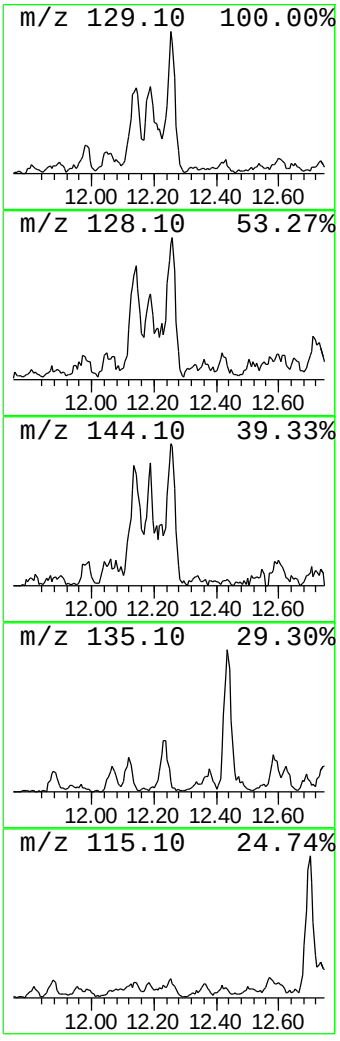
Peak Number 31 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	20.12 ng/ul	512547	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
2	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	87
3	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	83
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	83





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Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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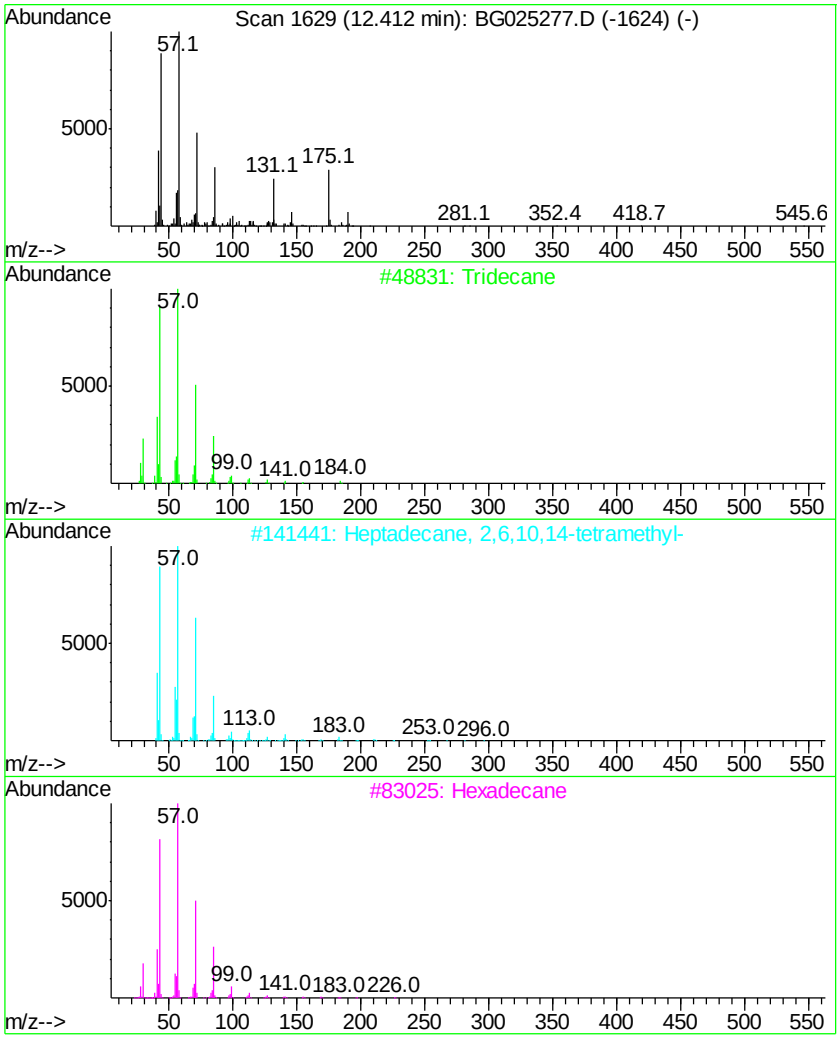
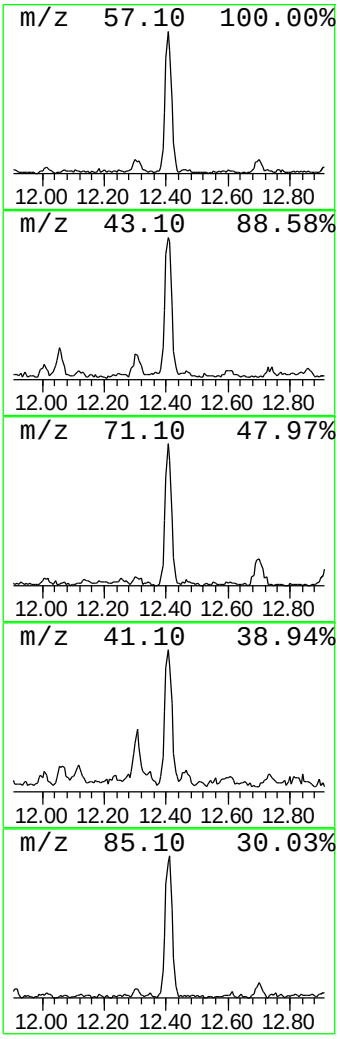
Peak Number 32 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	46.06 ng/ul	1173410	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	53
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	52
3	Hexadecane	226	C16H34	000544-76-3	52
4	Dodecane, 3-methyl-	184	C13H28	017312-57-1	50
5	Hexadecane	226	C16H34	000544-76-3	50





Library Search Compound Report

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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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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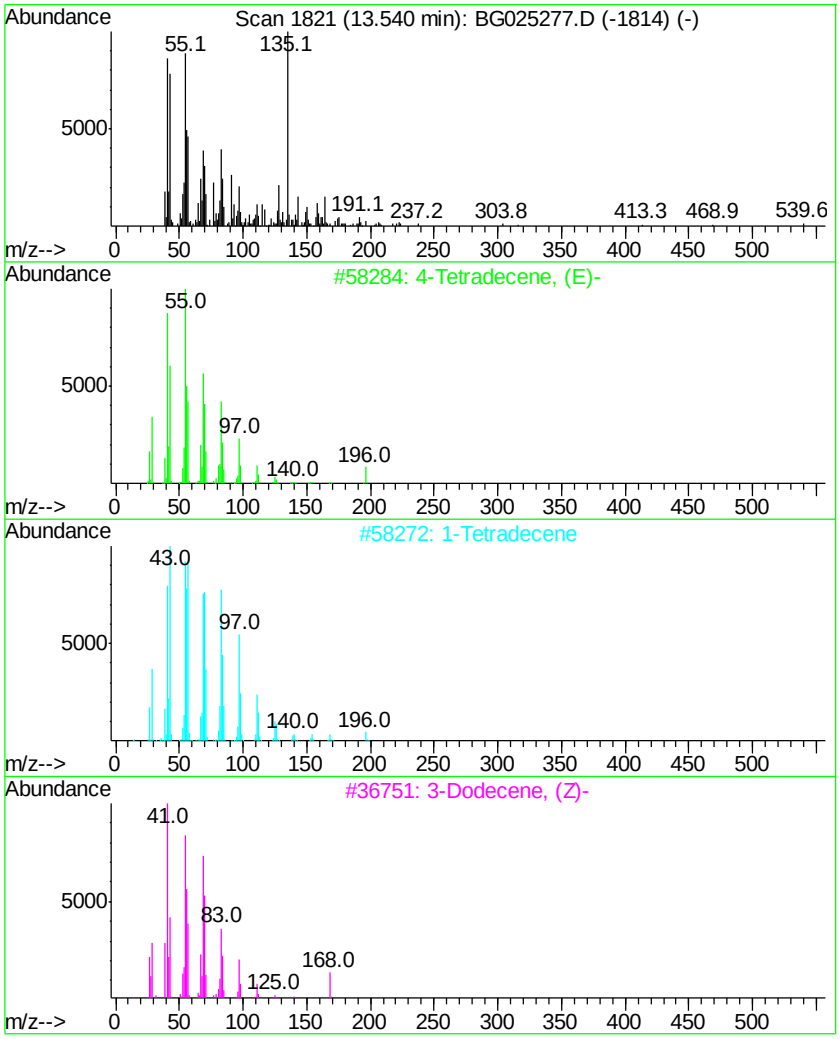
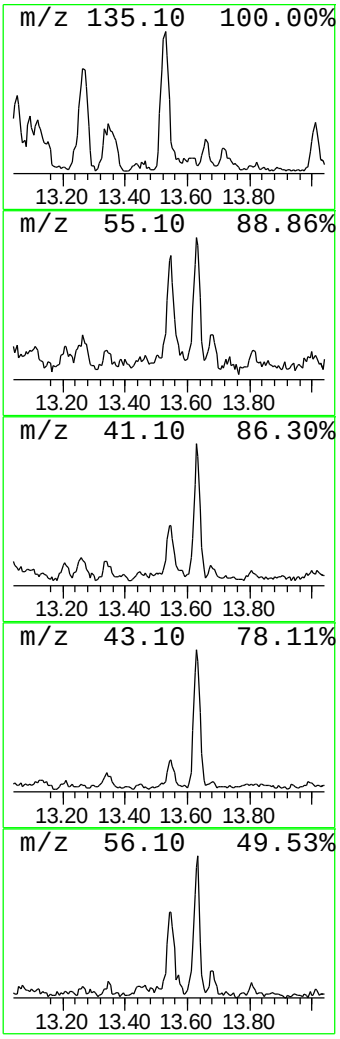
Peak Number 41 (DEL) Alkane: Cyclic13.54 Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	9.05 ng/ul	575220	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Tetradecene, (E)-	196	C14H28	041446-78-0	83
2	1-Tetradecene	196	C14H28	001120-36-1	47
3	3-Dodecene, (Z)-	168	C12H24	007239-23-8	46
4	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	38
5	Cyclotetradecane	196	C14H28	000295-17-0	38





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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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Quant Title : SVOA CALIBRATION

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

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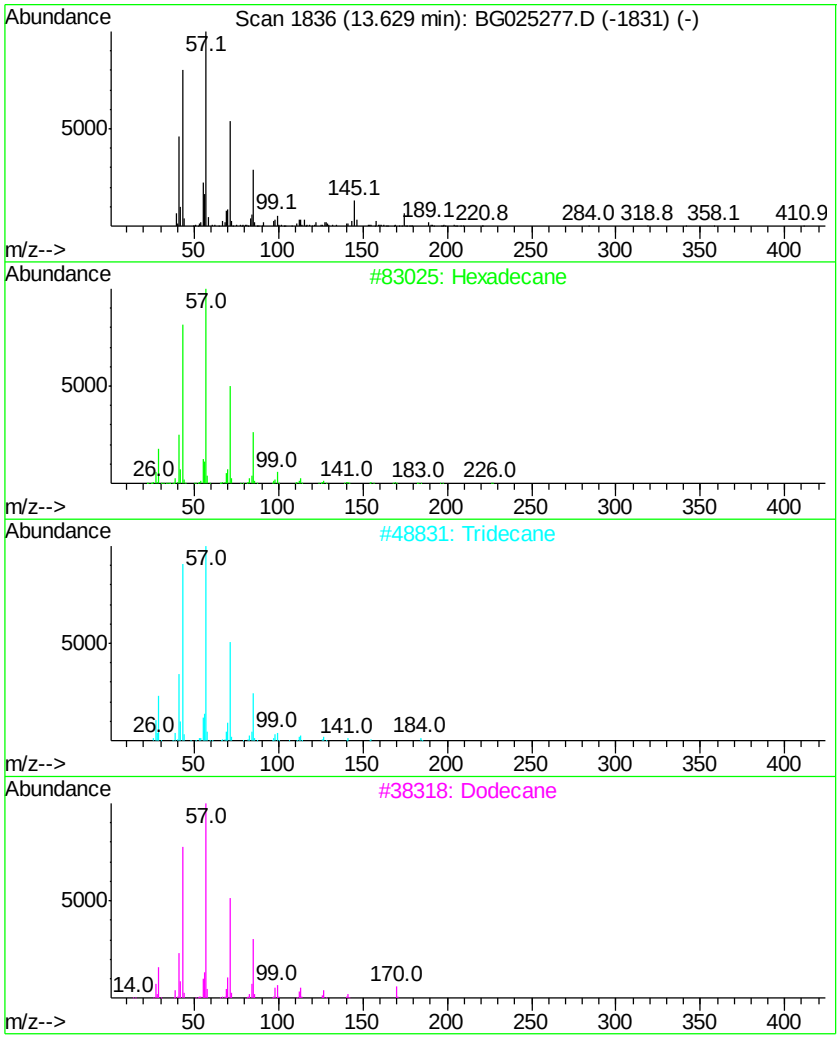
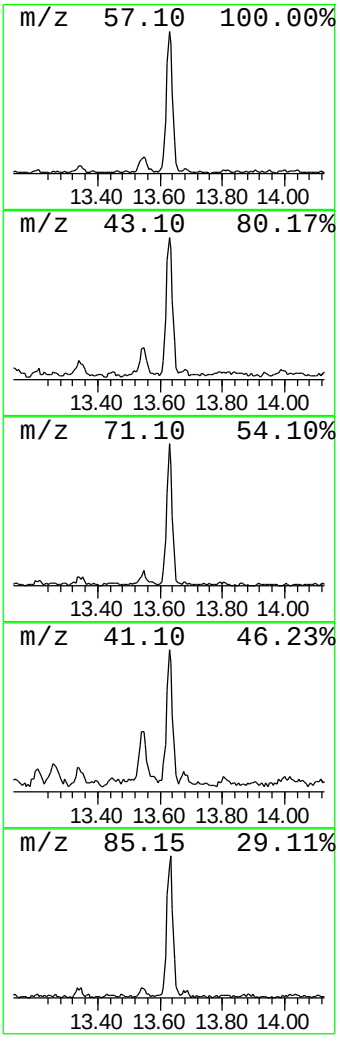
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	12.82 ng/ul	815298	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	87
2	Tridecane	184	C13H28	000629-50-5	86
3	Dodecane	170	C12H26	000112-40-3	86
4	Eicosane	282	C20H42	000112-95-8	80
5	Hexadecane	226	C16H34	000544-76-3	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

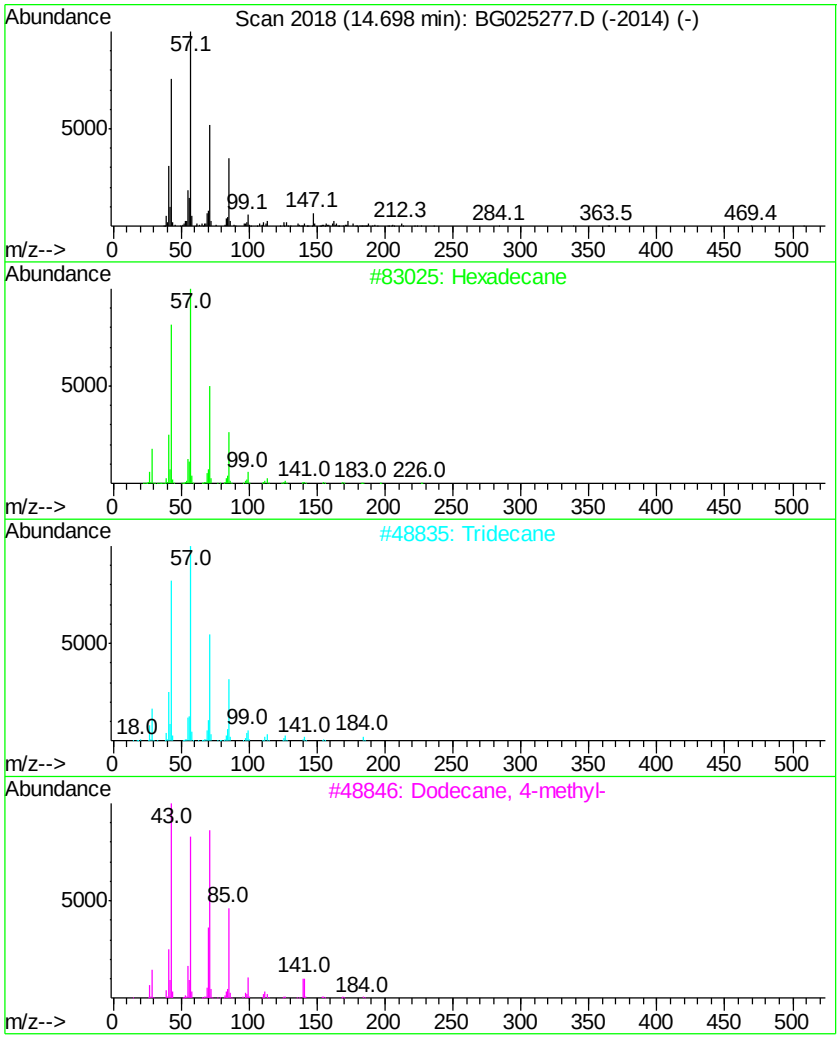
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

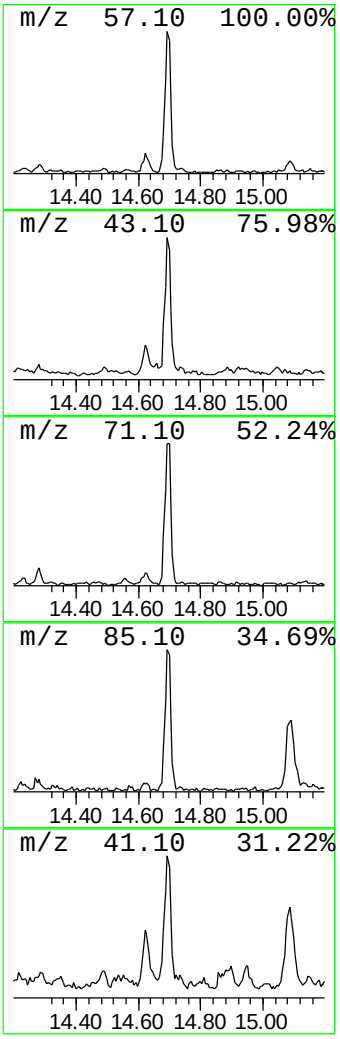
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 46 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	11.36 ng/ul	722319	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane	184	C13H28	000629-50-5	90
3	Dodecane, 4-methyl-	184	C13H28	006117-97-1	81
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	78
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

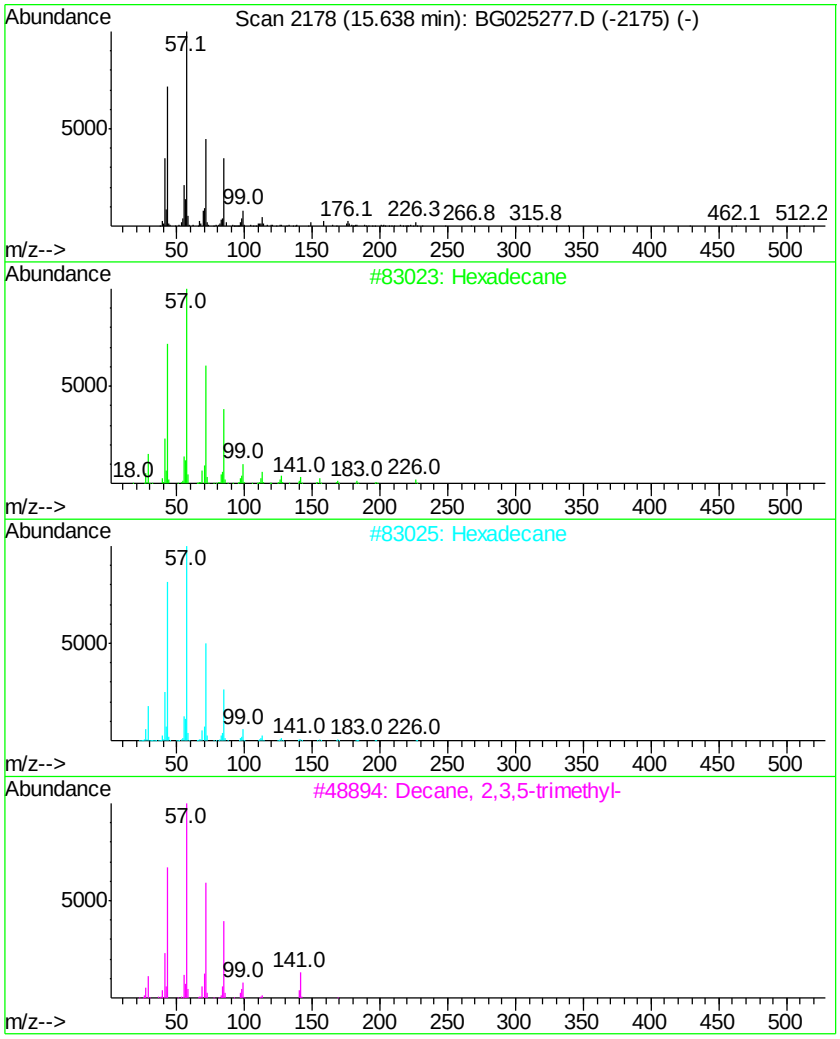
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

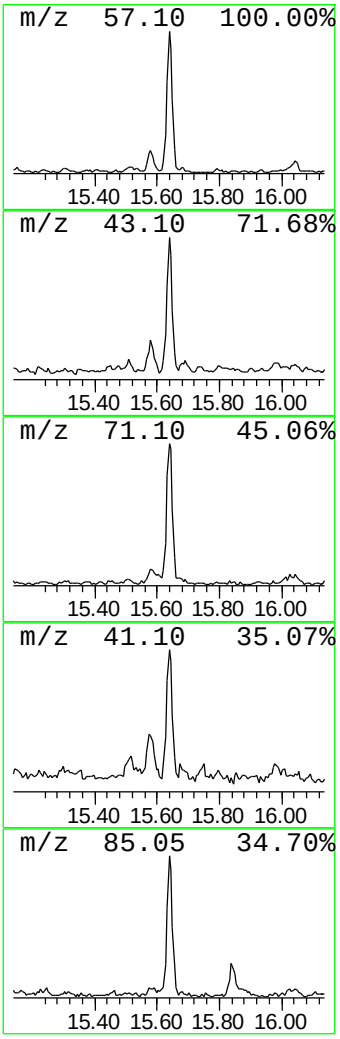
****

Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	9.59 ng/ul	609905	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	86
4	Tridecane	184	C13H28	000629-50-5	78
5	Undecane	156	C11H24	001120-21-4	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

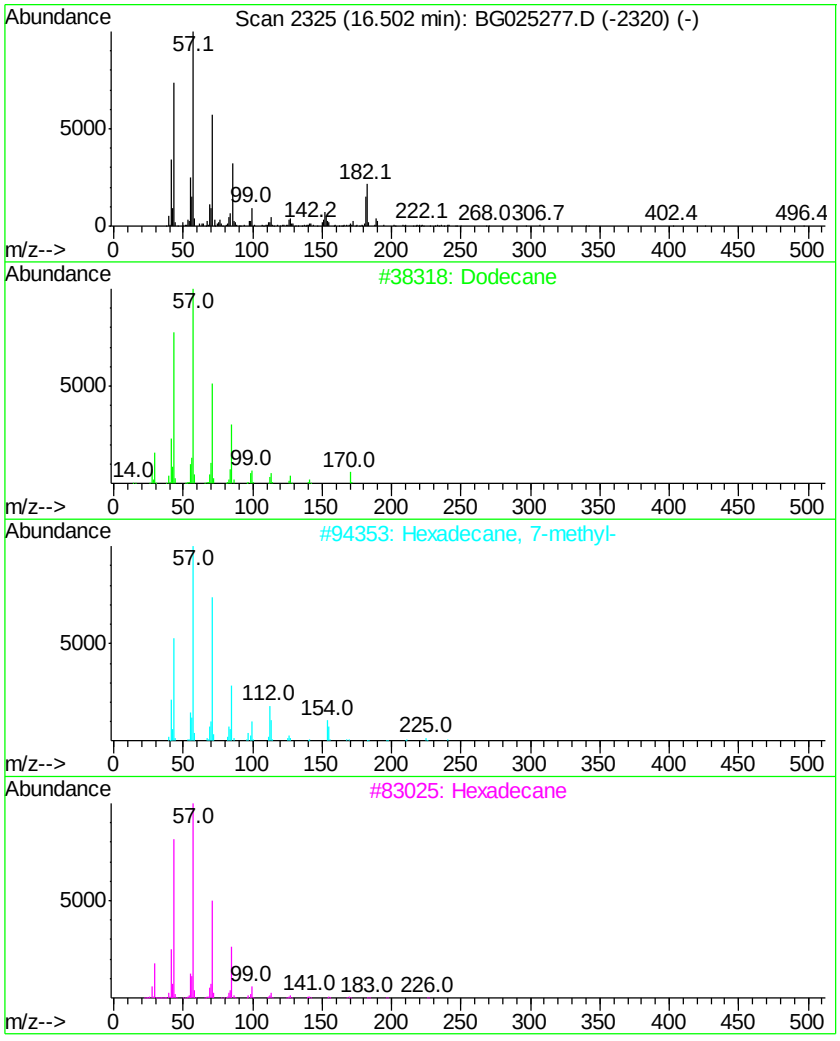
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

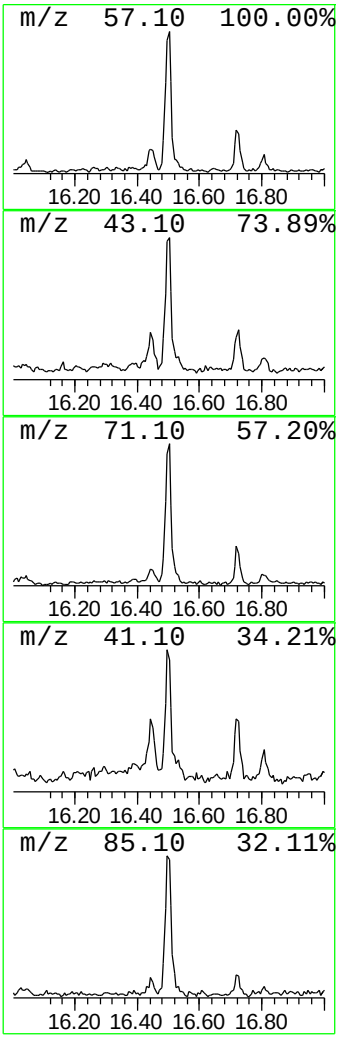
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	13.27 ng/ul	782538	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	64
2	Hexadecane, 7-methyl-	240	C17H36	026730-20-1	64
3	Hexadecane	226	C16H34	000544-76-3	58
4	Undecane, 5-methyl-	170	C12H26	001632-70-8	53
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

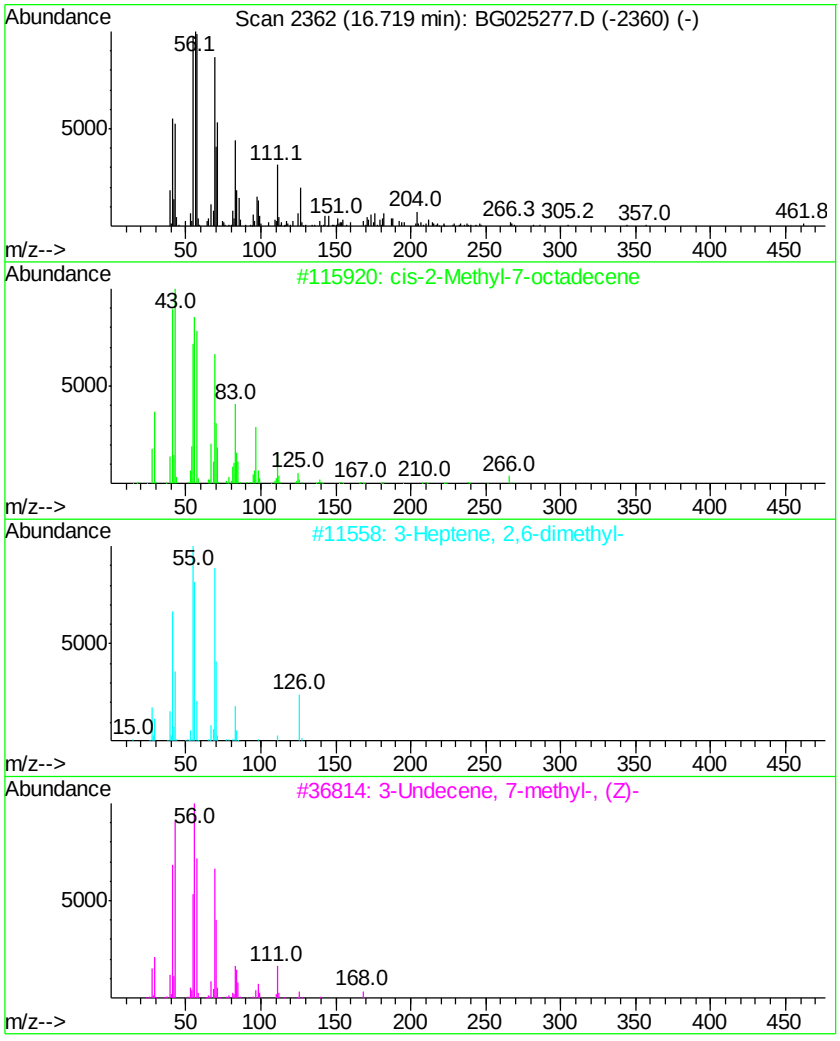
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

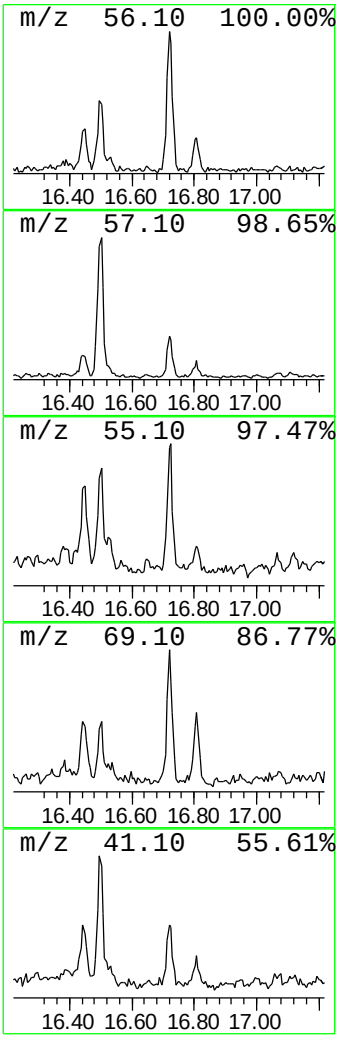
****

Peak Number 55 (DEL) Alkane: Cyclic16.72 Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	6.65 ng/ul	392264	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	72
2	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	70
3	3-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-49-2	68
4	Cyclopentane, 2-ethyl-1,1-dimethyl-	126	C9H18	054549-80-3	64
5	Cyclopropane, 1-methyl-2-(3-meth...	140	C10H20	062238-07-7	62





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

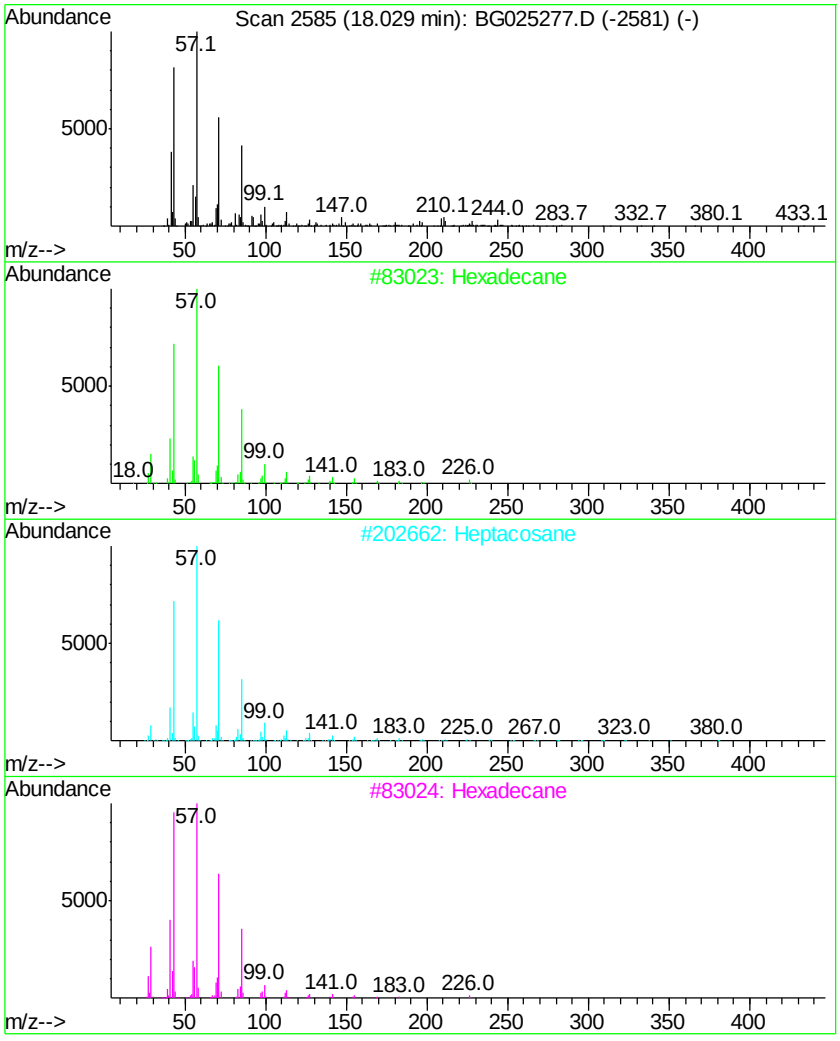
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

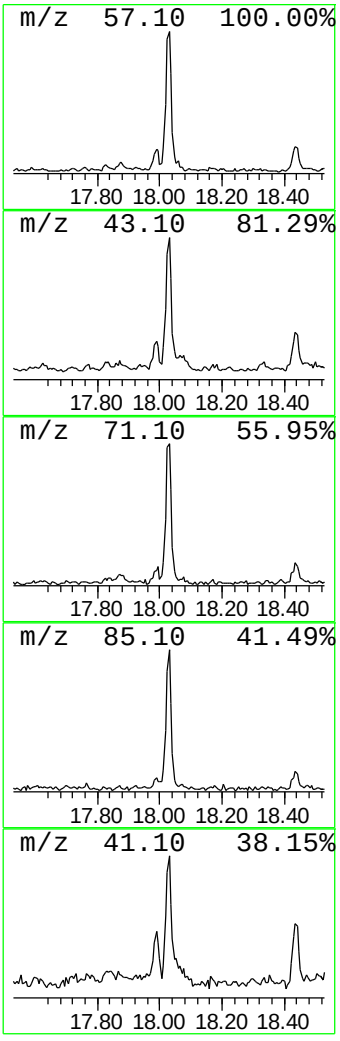
****

Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	9.94 ng/ul	586259	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Heptacosane	380	C27H56	000593-49-7	86
3	Hexadecane	226	C16H34	000544-76-3	81
4	Eicosane, 10-methyl-	296	C21H44	054833-23-7	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

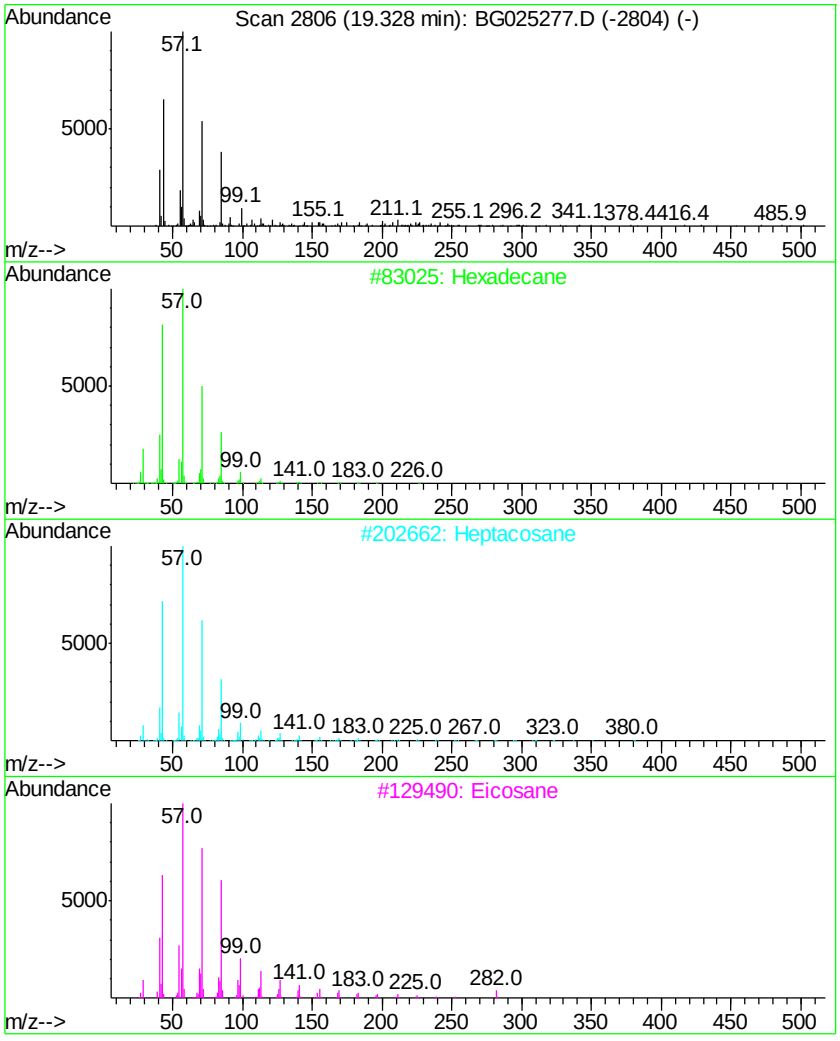
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

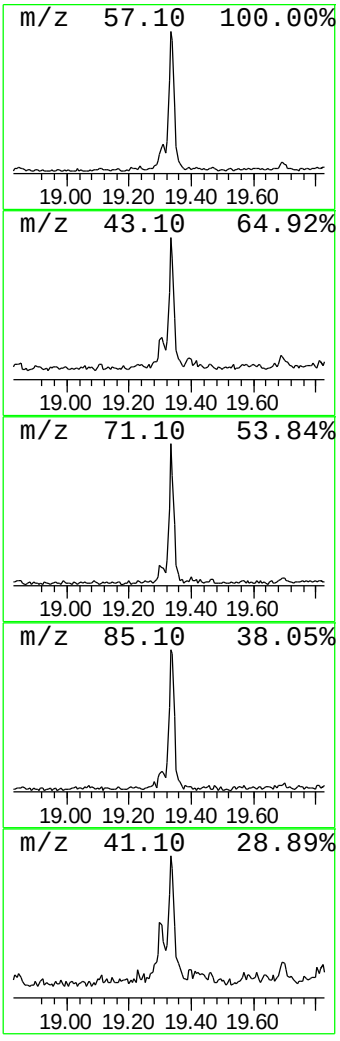
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.33	12.07 ng/ul	711659	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Heptacosane	380	C27H56	000593-49-7	86
3	Eicosane	282	C20H42	000112-95-8	80
4	Decane	142	C10H22	000124-18-5	72
5	Tetradecane	198	C14H30	000629-59-4	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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

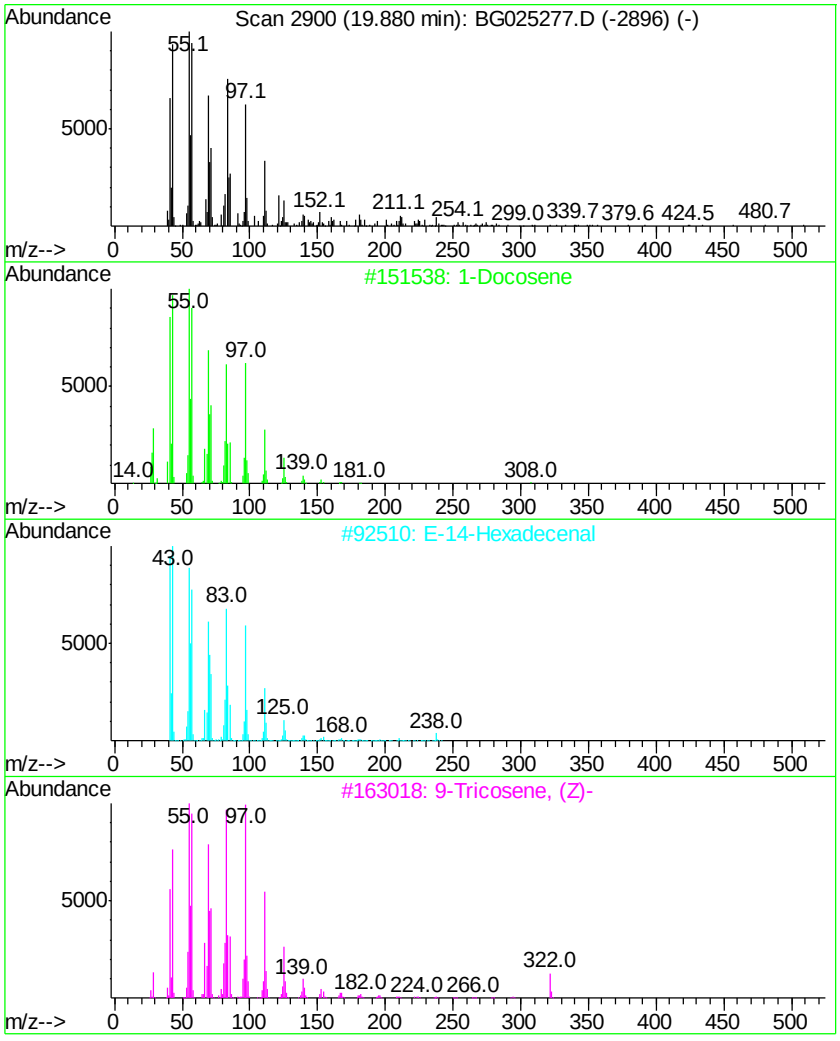
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

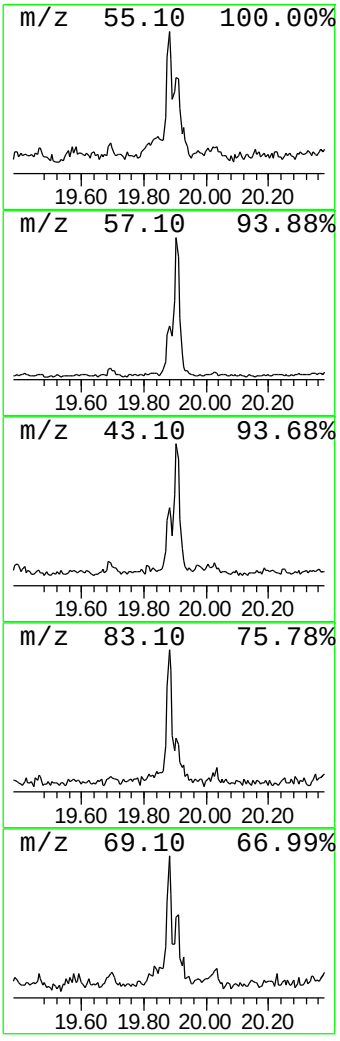
****

Peak Number 66 (DEL) Alkane: Cyclic19.88 Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	5.63 ng/ul	447931	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	96
3	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
4	9-Tricosene, (Z)-	322	C23H46	027519-02-4	94
5	1-Docosene	308	C22H44	001599-67-3	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

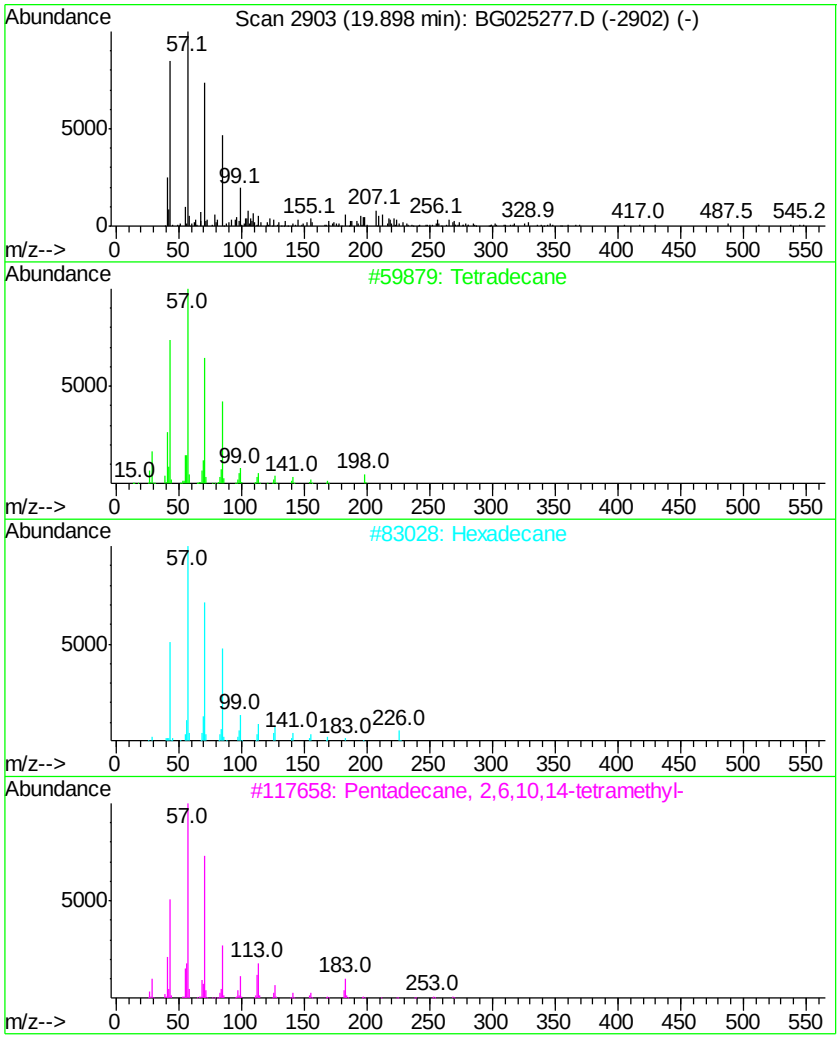
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

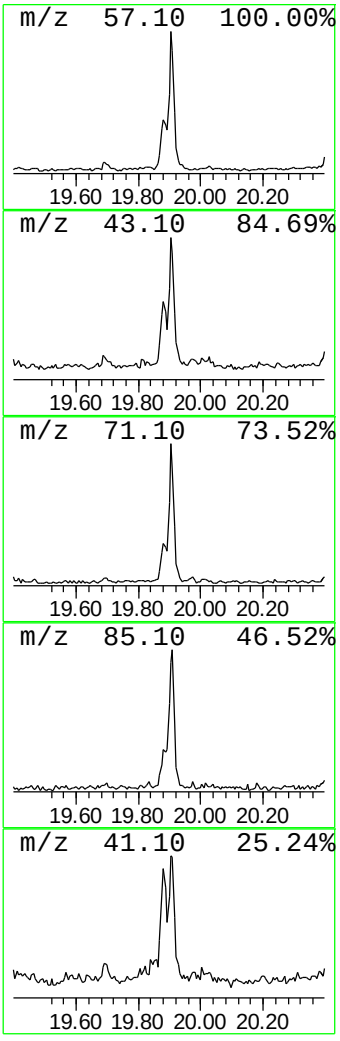
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.90	7.59 ng/ul	603982	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Hexadecane	226	C16H34	000544-76-3	83
3	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	80
4	Heptacosane	380	C27H56	000593-49-7	80
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

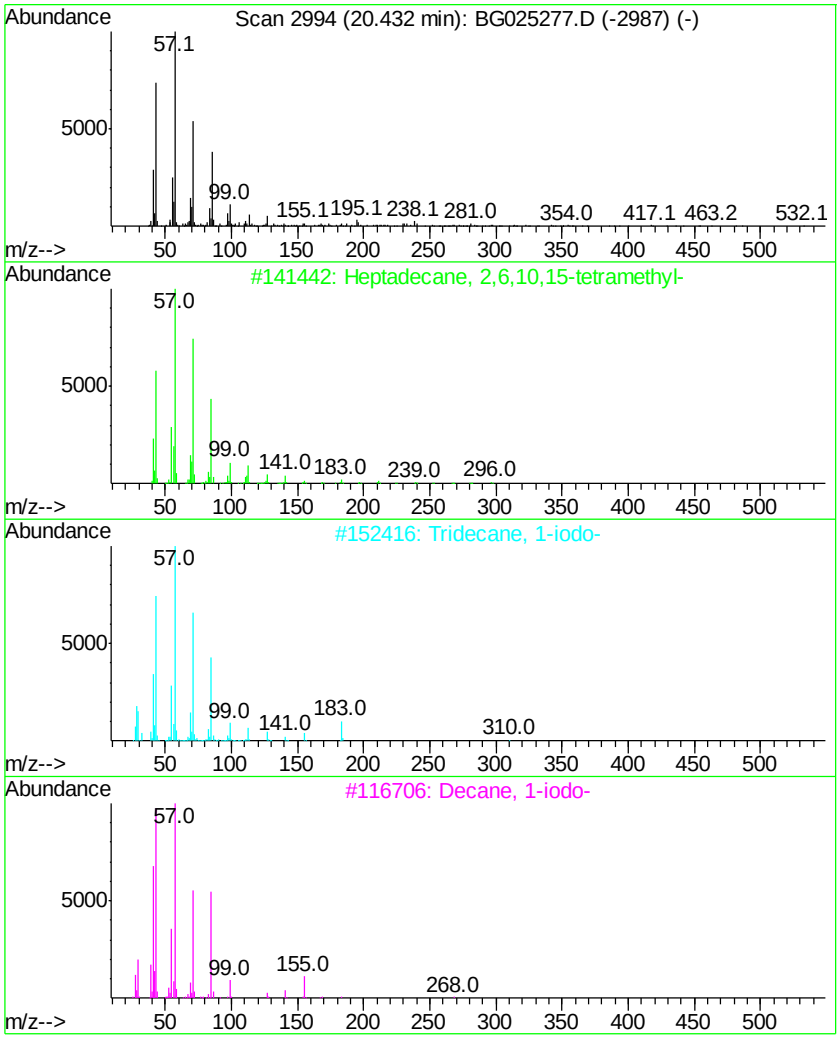
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

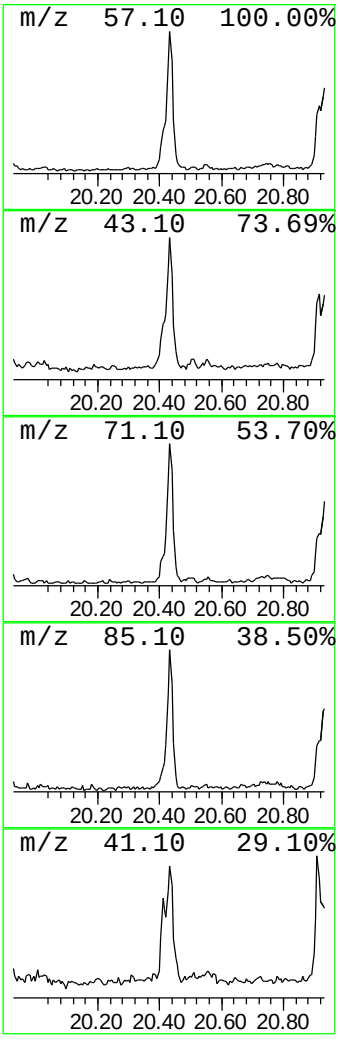
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 68 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	11.94 ng/ul	949838	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	87
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	83
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tricosane	324	C23H48	000638-67-5	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

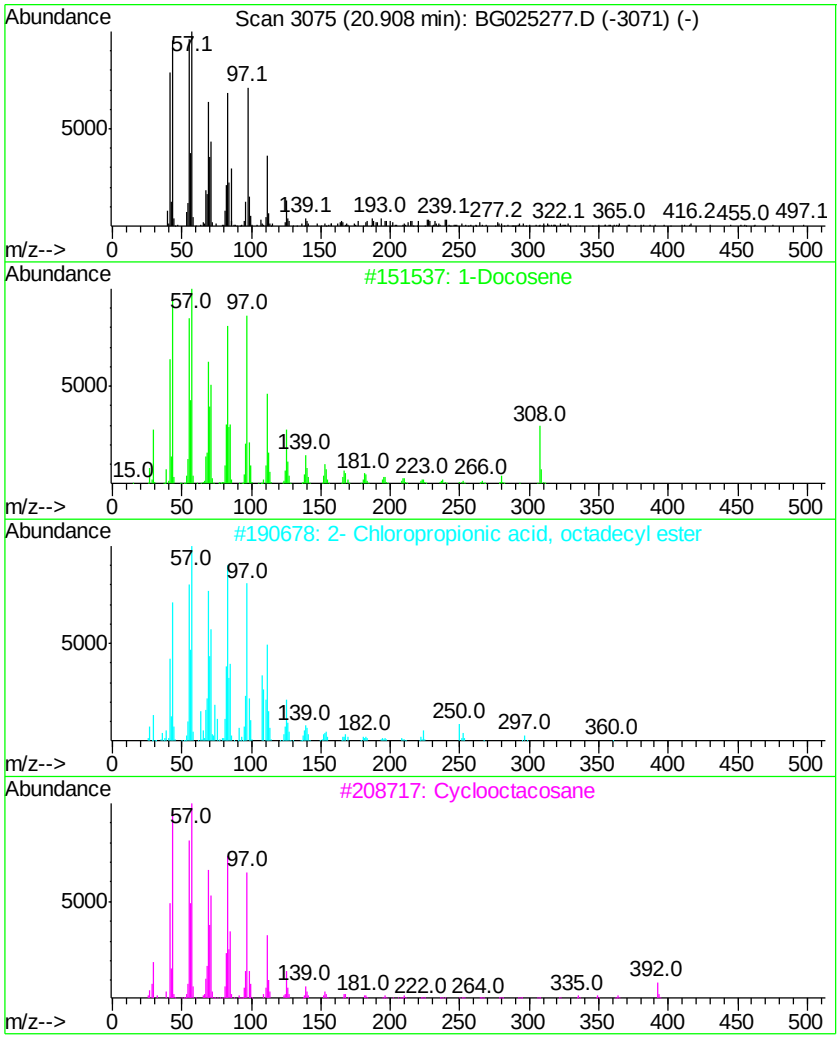
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

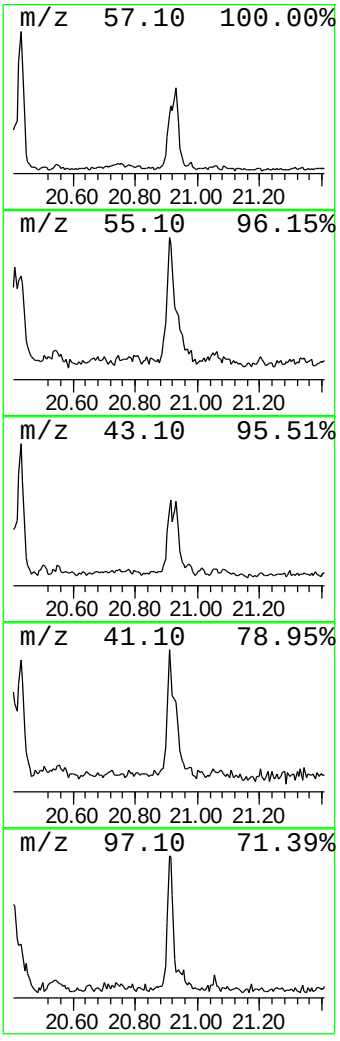
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	15.48 ng/ul	1231330	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	96
2	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	87
3	Cyclooctacosane	392	C28H56	000297-24-5	86
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	86
5	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025277.D
Acq On : 17 Dec 2016 16:51
Operator : UM/SJ
Sample : H6040-17
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA8X0

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	46.7	ng/ul	1295970	1	8.23	555365	20.0
3,5-Octadien-2-one	5.96	11.6	ng/ul	322879	1	8.23	555365	20.0
Benzene, propyl-	7.18	12.9	ng/ul	358512	1	8.23	555365	20.0
Benzene, 1-ethyl-...	7.29	20.6	ng/ul	573410	1	8.23	555365	20.0
Benzene, 1-ethyl-...	7.60	15.9	ng/ul	442140	1	8.23	555365	20.0
Benzene, 1,2,4-tr...	7.86	34.8	ng/ul	965471	1	8.23	555365	20.0
Benzene, cyclopro...	8.61	13.2	ng/ul	367543	1	8.23	555365	20.0
unknown-01	8.76	16.2	ng/ul	450311	1	8.23	555365	20.0
Bicyclo[3.2.1]oct...	8.86	28.5	ng/ul	790198	1	8.23	555365	20.0
Benzene, 1-methyl...	9.32	18.6	ng/ul	515605	1	8.23	555365	20.0
2-Propenal, 3-phe...	9.59	13.7	ng/ul	379867	1	8.23	555365	20.0
Phenol, 2,6-dimet...	9.67	20.2	ng/ul	514670	2	11.06	509550	20.0
Benzofuran, 2-met...	9.78	62.0	ng/ul	1578810	2	11.06	509550	20.0
Benzene,1-methyl-...	10.46	66.0	ng/ul	1682160	2	11.06	509550	20.0
Phenol, 3,5-dimet...	10.53	46.0	ng/ul	1173100	2	11.06	509550	20.0
Phenol, 2-ethyl-6...	10.87	20.9	ng/ul	531158	2	11.06	509550	20.0
(DEL) Alkane: Str...	10.97	20.9	ng/ul	531695	2	11.06	509550	20.0
2-Propenal, 2-met...	11.29	55.4	ng/ul	1410650	2	11.06	509550	20.0
Benzofuran, 4,7-d...	11.41	42.7	ng/ul	1088730	2	11.06	509550	20.0
4-Methyl-2H-benzo...	11.53	14.4	ng/ul	366152	2	11.06	509550	20.0
Phenol, 2-ethyl-5...	11.58	28.2	ng/ul	718356	2	11.06	509550	20.0
2,5-Dimethylanisole	11.64	17.0	ng/ul	432242	2	11.06	509550	20.0
Phenol, 3-ethyl-5...	11.88	95.9	ng/ul	2442310	2	11.06	509550	20.0
Phenol, 2,3,5-tri...	12.07	29.6	ng/ul	754344	2	11.06	509550	20.0
(1-Methylbuta-1,3...	12.25	20.1	ng/ul	512547	2	11.06	509550	20.0
(DEL) Alkane: Str...	12.41	46.1	ng/ul	1173410	2	11.06	509550	20.0
(DEL) Alkane: Cyc...	13.54	9.1	ng/ul	575220	3	14.86	1271660	20.0
(DEL) Alkane: Str...	13.63	12.8	ng/ul	815298	3	14.86	1271660	20.0
(DEL) Alkane: Str...	14.70	11.4	ng/ul	722319	3	14.86	1271660	20.0
(DEL) Alkane: Str...	15.64	9.6	ng/ul	609905	3	14.86	1271660	20.0
(DEL) Alkane: Str...	16.50	13.3	ng/ul	782538	4	17.60	1179010	20.0
(DEL) Alkane: Cyc...	16.72	6.7	ng/ul	392264	4	17.60	1179010	20.0
(DEL) Alkane: Str...	18.03	9.9	ng/ul	586259	4	17.60	1179010	20.0
(DEL) Alkane: Str...	19.33	12.1	ng/ul	711659	4	17.60	1179010	20.0
(DEL) Alkane: Cyc...	19.88	5.6	ng/ul	447931	5	21.90	1591190	20.0
(DEL) Alkane: Str...	19.90	7.6	ng/ul	603982	5	21.90	1591190	20.0
(DEL) Alkane: Str...	20.43	11.9	ng/ul	949838	5	21.90	1591190	20.0
(DEL) Alkane: Str...	20.91	15.5	ng/ul	1231330	5	21.90	1591190	20.0