LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.291	749	758	763	rVV	105056	198261	9.75%	0.341%
2	7.397	772	776	793	rVB3	102733	313705	15.43%	0.539%
3	7.603	806	811	817	rVV2	82452	150460	7.40%	0.259%
4	7.767	832	839	842	rBV2	111491	198483	9.76%	0.341%
5	7.802	842	845	849	rVV2	98553	151458	7.45%	0.260%
6	7.861	849	855	867	rVB	194835	346952	17.06%	0.596%
7	8.231	912	918	928	rVB3	281840	525964	25.86%	0.904%
8	8.343	928	937	944	rBV3	126554	251432	12.36%	0.432%
9	8.860	1017	1025	1031	rBV2	172646	332446	16.35%	0.571%
10	8.948	1035	1040	1048	rVV2	131094	239755	11.79%	0.412%
11	9.024	1048	1053	1062	rVB2	83371	158998	7.82%	0.273%
12	9.324	1093	1104	1113	rVV3	102906	249238	12.26%	0.428%
13	9.418	1113	1120	1128	rVB2	372148	649812	31.95%	1.117%
14	9.712	1164	1170	1176	rVV3	125150	283768	13.95%	0.488%
15	9.782	1176	1182	1190	rVB	281723	492090	24.20%	0.846%
16	10.141	1236	1243	1251	rVB4	127998	281853	13.86%	0.484%
17	10.288	1263	1268	1278	rVB	103311	192641	9.47%	0.331%
18	10.446	1287	1295	1308	rBV7	248717	865378	42.55%	1.487%
19	10.564	1308	1315	1319	rBV3	104638	234931	11.55%	0.404%
20	10.605	1319	1322	1328	rVB	104898	171185	8.42%	0.294%
21	10.687	1328	1336	1341	rBV3	178876	347174	17.07%	0.597%
22	10.975	1378	1385	1390	rBV2	233844	485614	23.88%	0.835%
23	11.063	1395	1400	1404	rBV	331276	566775	27.87%	0.974%
24	11.110	1404	1408	1414	rVB2	281171	480793	23.64%	0.826%
25	11.239	1419	1430	1434	rBV6	115001	409969	20.16%	0.705%
26	11.286	1434	1438	1453	rVB4	412820	1385537	68.13%	2.381%
27	11.416	1453	1460	1463	rBV2	444666	824725	40.55%	1.417%
28	11.457	1463	1467	1474	rVV	988197	1897821	93.32%	3.262%
29	11.527	1474	1479	1486	rVB	319574	531839	26.15%	0.914%
30	11.704	1504	1509	1517	rVB5	90687	215744	10.61%	0.371%
31	11.809	1522	1527	1532	rBV4	98615	192157	9.45%	0.330%
32	11.950	1546	1551	1555	rBV2	88864	167155	8.22%	0.287%
33	11.997	1555	1559	1565	rVB5	147923	281206	13.83%	0.483%
34	12.086	1565	1574	1578	rBV4	143877	349107	17.17%	0.600%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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	12.138	1578	1583	1587	rBV2	156837	296085	14.56%	0.509%
36	12.185	1587	1591	1594	rBV	107023	150021	7.38%	0.258%
37	12.256	1599	1603	1610	rVB2	249244	459445	22.59%	0.790%
38	12.362	1610	1621	1625	rBV5	136879	333108	16.38%	0.572%
39	12.409	1625	1629	1636	rVB3	316796	518462	25.49%	0.891%
40	12.509	1640	1646	1652	rBV3	123009	276830	13.61%	0.476%
41	12.573	1652	1657	1659	rBV	225950	340031	16.72%	0.584%
42	12.697	1673	1678	1682	rBV	1161803	2033674	100.00%	3.495%
43	12.738	1683	1685	1689	rVV	609759	856484	42.12%	1.472%
44	12.779	1689	1692	1696	rVV2	326337	638959	31.42%	1.098%
45	12.855	1696	1705	1710	rVV3	454940	1498090	73.66%	2.575%
46	12.914	1710	1715	1722	rVB	755120	1270832	62.49%	2.184%
47	13.002	1722	1730	1739	rBV	378165	861181	42.35%	1.480%
48	13.090	1739	1745	1758	rBV8	272262	565640	27.81%	0.972%
49	13.202	1760	1764	1769	rVB8	99466	180885	8.89%	0.311%
50	13.266	1770	1775	1778	rBV3	216385	378022	18.59%	0.650%
51	13.343	1784	1788	1791	rBV	186477	265633	13.06%	0.457%
52	13.390	1793	1796	1801	rVB2	195089	274618	13.50%	0.472%
53	13.578	1817	1828	1832	rBV4	243574	566420	27.85%	0.973%
54	13.631	1832	1837	1843	rVB4	457773	762148	37.48%	1.310%
55	13.690	1843	1847	1851	rBV	214092	303627	14.93%	0.522%
56	13.801	1859	1866	1869	rBV5	209855	446843	21.97%	0.768%
57	13.889	1876	1881	1888	rVB5	307311	750318	36.89%	1.289%
58	13.954	1889	1892	1896	rVB2	123024	172898	8.50%	0.297%
59	14.036	1896	1906	1918	rVB5	522075	1421779	69.91%	2.443%
60	14.177	1919	1930	1934	rBV2	635172	1401143	68.90%	2.408%
61	14.230	1934	1939	1946	rBV3	744941	1447567	71.18%	2.488%
62	14.412	1966	1970	1974	rBV2	200345	271424	13.35%	0.466%
63	14.489	1980	1983	1987	rVB2	250498	289570	14.24%	0.498%
64	14.559	1987	1995	2007	rVB3	425968	1463529	71.96%	2.515%
65	14.694	2009	2018	2024	rVB	435567	802122	39.44%	1.379%
66	14.812	2033	2038	2042	rBV3	638921	1052183	51.74%	1.808%
67	14.859	2042	2046	2049	rBV2	463327	722070	35.51%	1.241%
68	15.076	2074	2083	2089	rBV6	464938	1025088	50.41%	1.762%
69	15.141	2090	2094	2099	rVB	343382	545176	26.81%	0.937%
70	15.246	2106	2112	2118	rVB3	249014	497336	24.46%	0.855%
71	15.352	2128	2130	2136	rVB	199832	254042	12.49%	0.437%

LSC Area Percent Report

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Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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	15.458	2142	2148	2153	rBV4	226788	443838	21.82%	0.763%
73	15.511	2153	2157	2167	rVB4	422196	843831	41.49%	1.450%
74	15.611	2168	2174	2177	rBV	657018	1146576	56.38%	1.970%
75	15.846	2209	2214	2217	rVV	390698	634660	31.21%	1.091%
76	15.881	2217	2220	2231	rVB2	560041	1133153	55.72%	1.947%
77	16.145	2262	2265	2269	rBV6	95446	189744	9.33%	0.326%
78	16.427	2309	2313	2321	rVV4	194441	398490	19.59%	0.685%
79	16.498	2321	2325	2330	rVV3	507351	801585	39.42%	1.378%
80	16.545	2330	2333	2342	rVB4	265491	419582	20.63%	0.721%
81	16.721	2356	2363	2372	rVB5	520474	889366	43.73%	1.528%
82	16.804	2373	2377	2385	rVB2	442832	632222	31.09%	1.087%
83	16.880	2385	2390	2396	rBV5	150176	342975	16.86%	0.589%
84	16.950	2397	2402	2406	rBV4	110111	188522	9.27%	0.324%
85	17.121	2428	2431	2442	rVB6	123419	226687	11.15%	0.390%
86	17.285	2453	2459	2464	rVB2	430693	686150	33.74%	1.179%
87	17.432	2480	2484	2491	rVB2	157411	255851	12.58%	0.440%
88	17.603	2507	2513	2518	rBV2	676107	1017380	50.03%	1.748%
89	17.697	2524	2529	2537	rVB2	412925	704072	34.62%	1.210%
90	17.767	2537	2541	2548	rBV4	191860	360319	17.72%	0.619%
91	18.026	2581	2585	2597	rVB4	398639	684189	33.64%	1.176%
92	18.713	2697	2702	2707	rVB	318415	380839	18.73%	0.654%
93	19.336	2804	2808	2813	rBV	270187	306130	15.05%	0.526%
94	19.906	2901	2905	2910	rVB	197274	244443	12.02%	0.420%
95	19.976	2911	2917	2928	rVB2	686824	1180462	58.05%	2.029%
96	20.429	2991	2994	3000	rVB	141369	172055	8.46%	0.296%
97	20.834	3060	3063	3075	rVB2	132425	238306	11.72%	0.410%
98	21.898	3237	3244	3253	rVB	889603	1572492	77.32%	2.702%
99	25.088	3778	3787	3797	rVB2	264697	799577	39.32%	1.374%
100	25.317	3817	3826	3840	rVB2	487997	1476818	72.62%	2.538%

Sum of corrected areas: 58188023

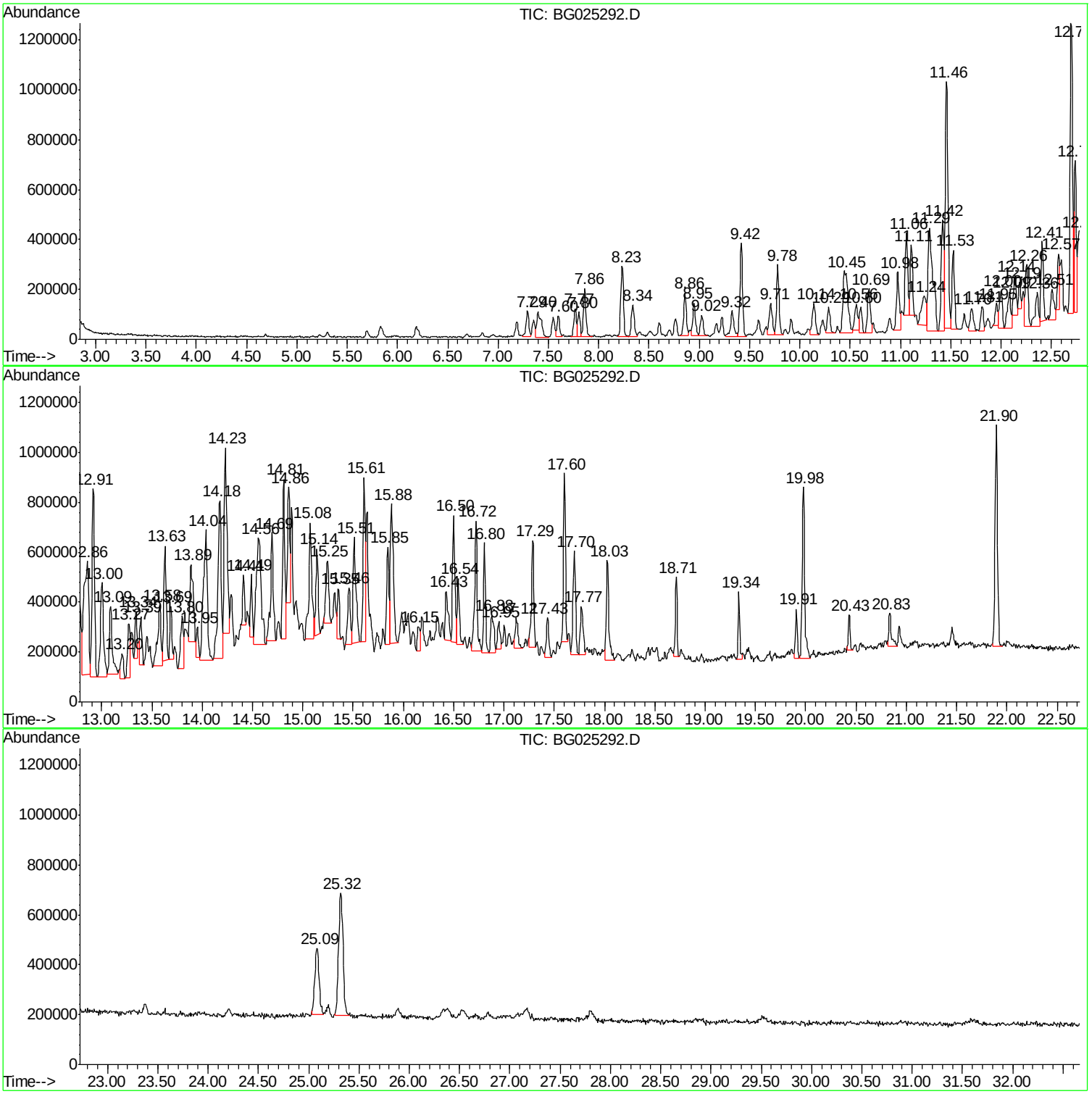
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

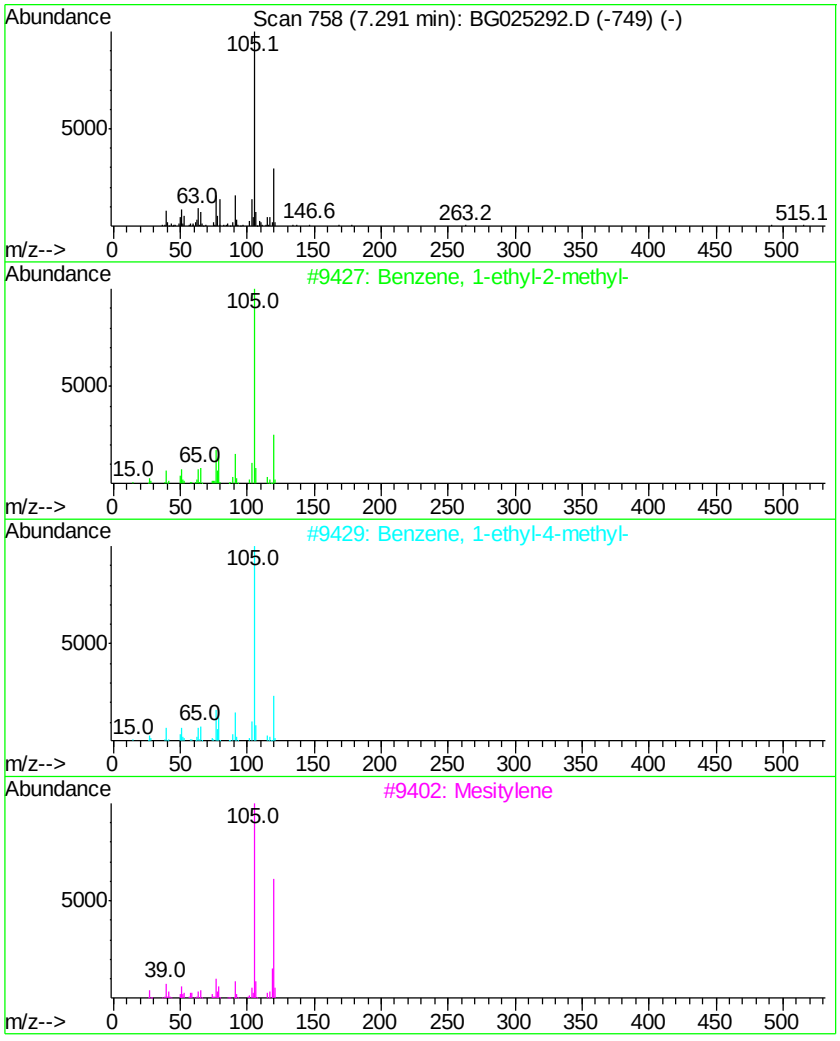
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

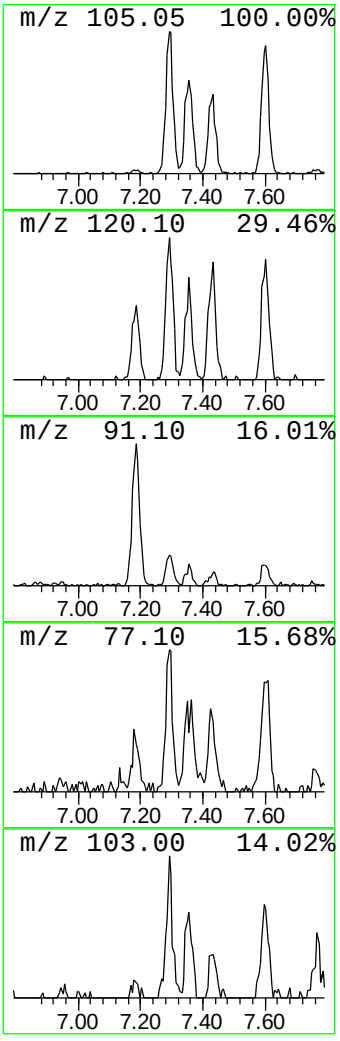
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	7.54 ng/ul	198261	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	83
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83
3	Mesitylene	120	C9H12	000108-67-8	80
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

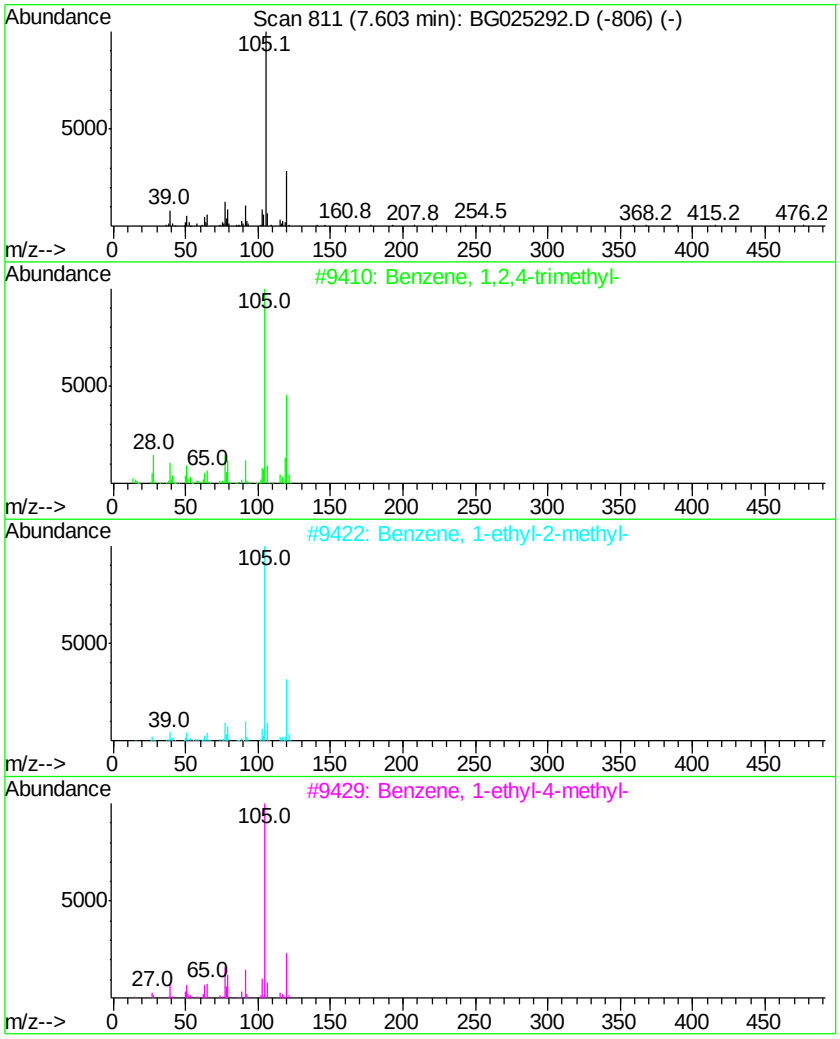
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

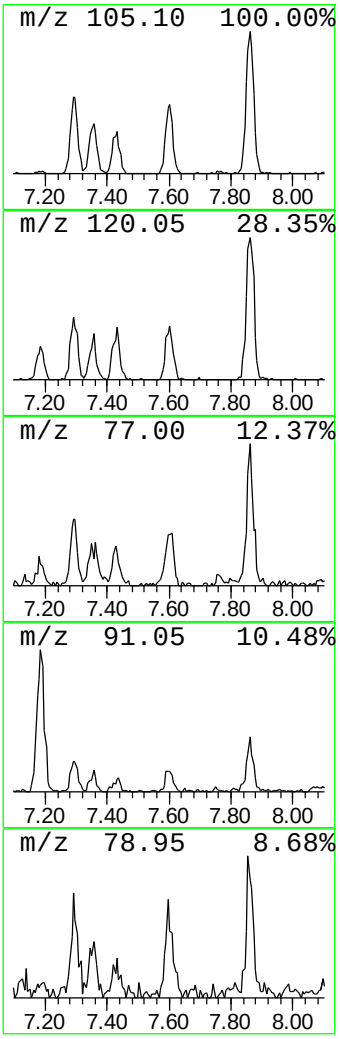
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	5.72 ng/ul	150460	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	90
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	87
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

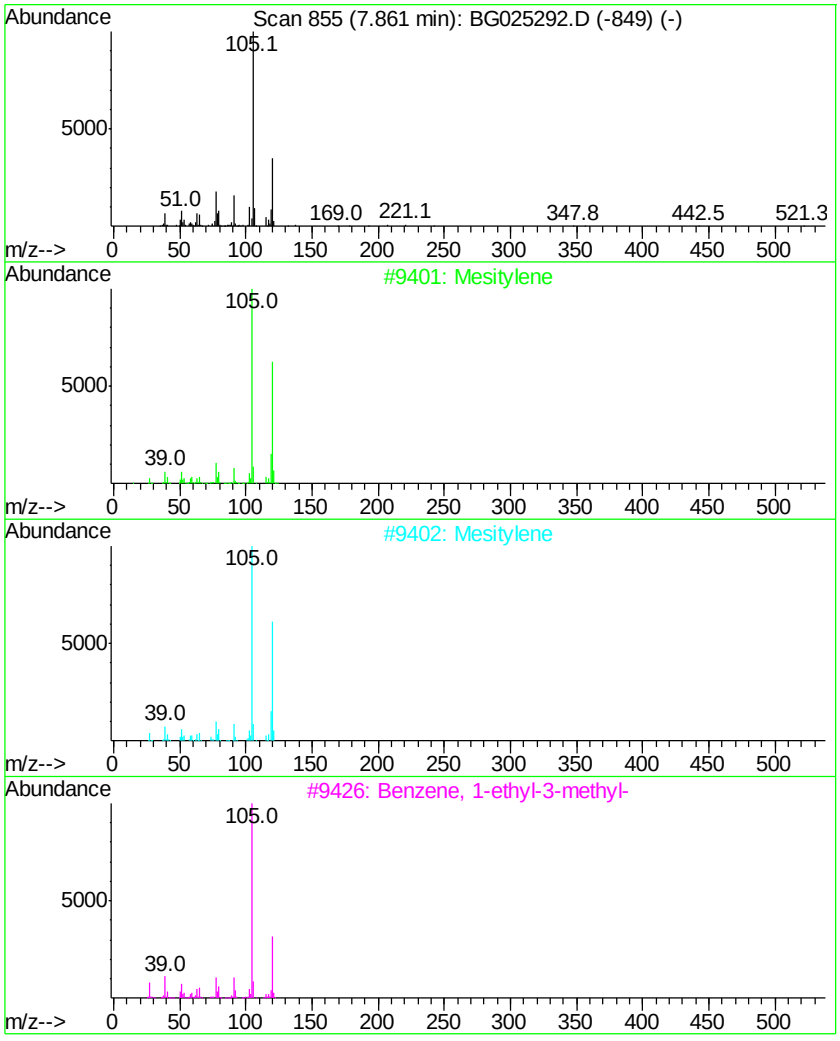
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

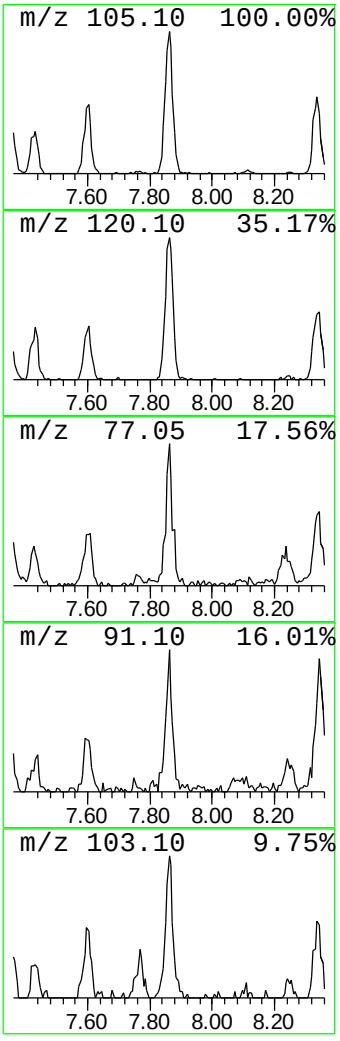
****

Peak Number 3 Mesitylene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	13.19 ng/ul	346952	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mesitylene	120	C9H12	000108-67-8	91
2	Mesitylene	120	C9H12	000108-67-8	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

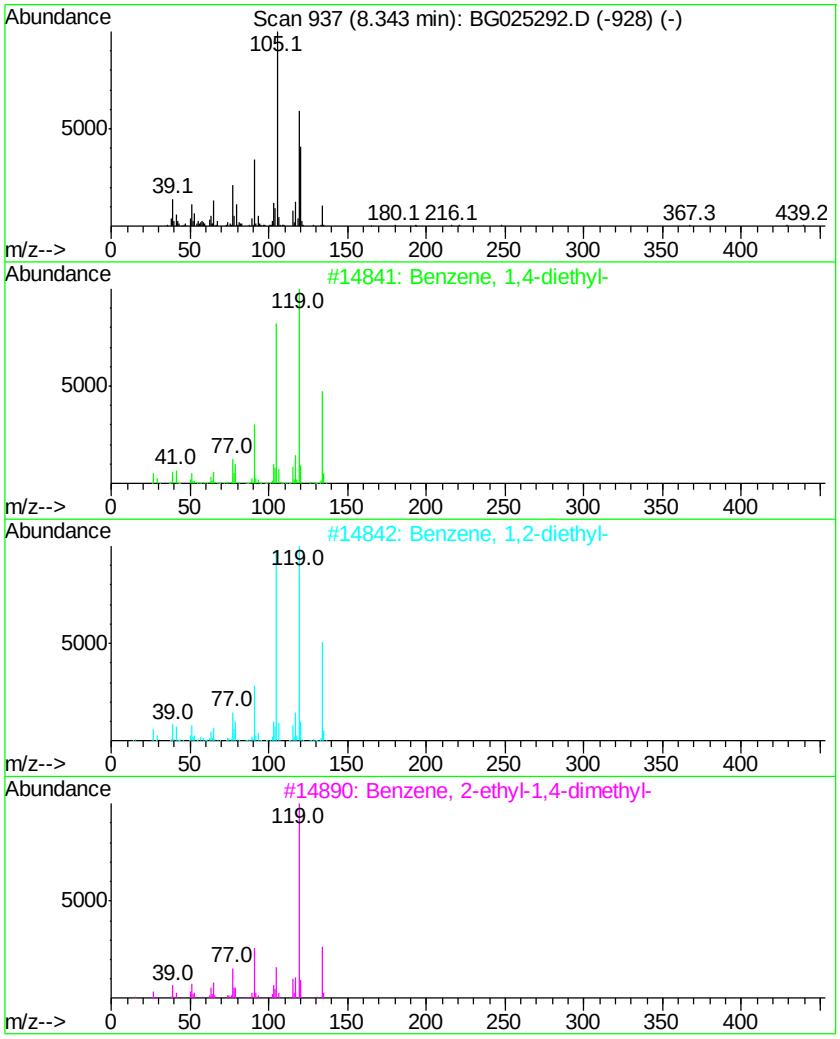
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

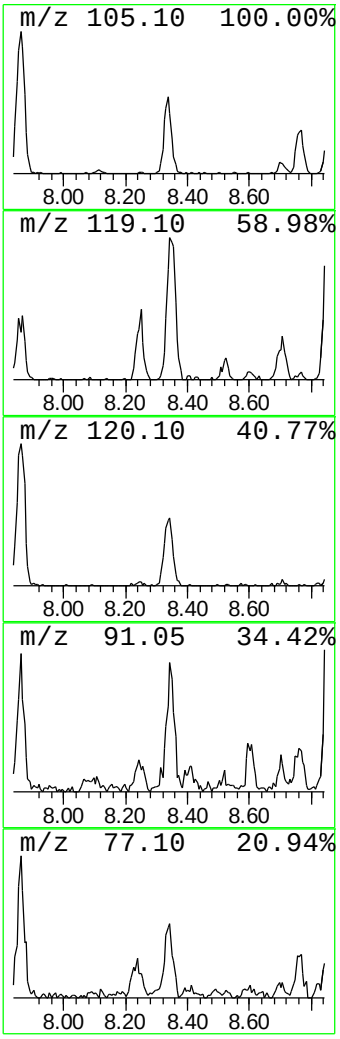
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	9.56 ng/ul	251432	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	68
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	68
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	64
4	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	60
5	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

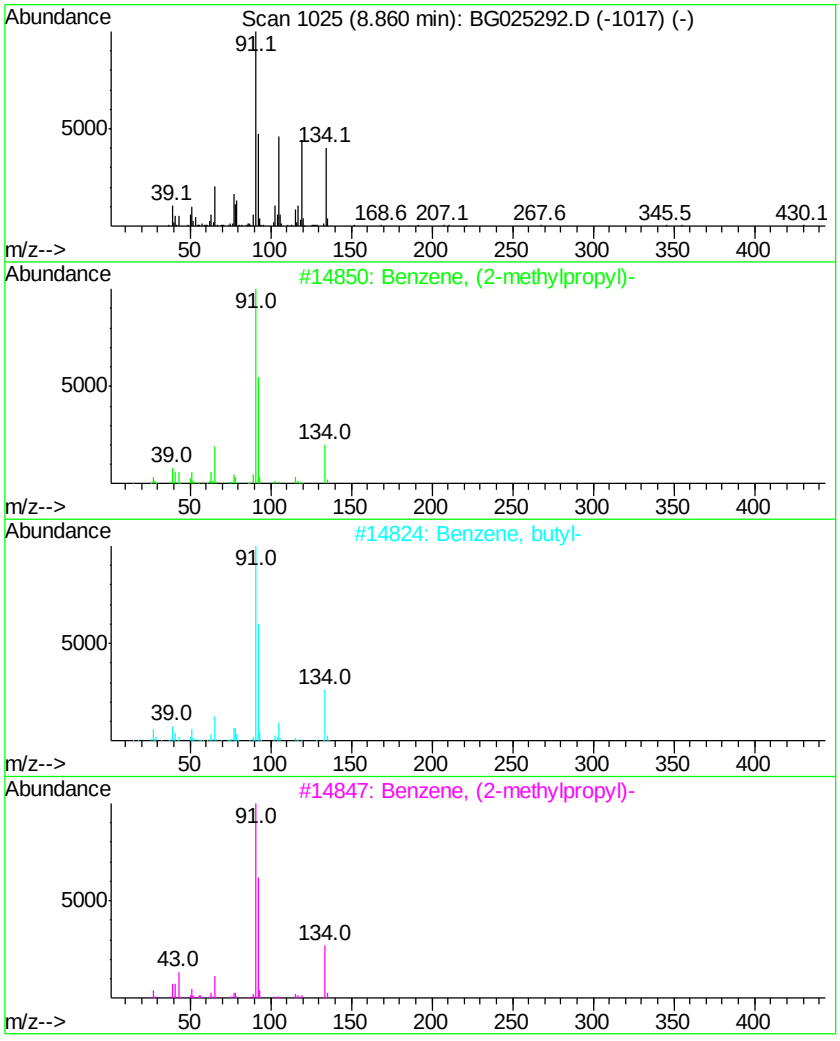
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

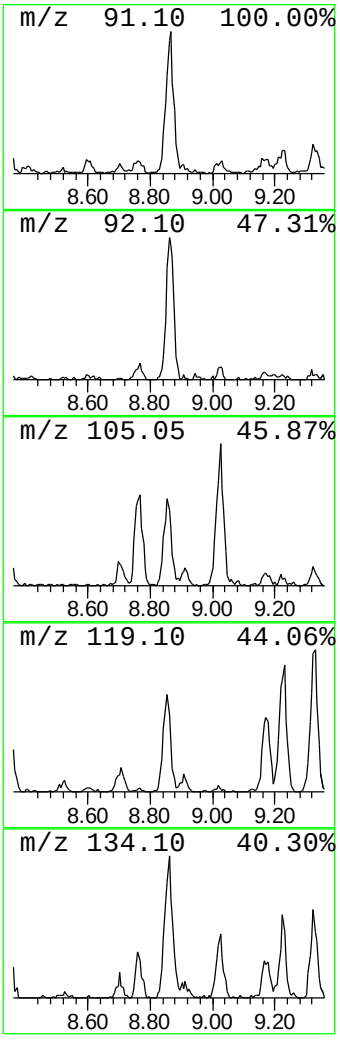
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzene, (2-methylpropyl)- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	12.64 ng/ul	332446	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	58
2	Benzene, butyl-	134	C10H14	000104-51-8	52
3	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	49
4	Benzene, butyl-	134	C10H14	000104-51-8	49
5	Cyclohexane, 1,3-butadienylidene-	134	C10H14	053864-08-7	47





Library Search Compound Report

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Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

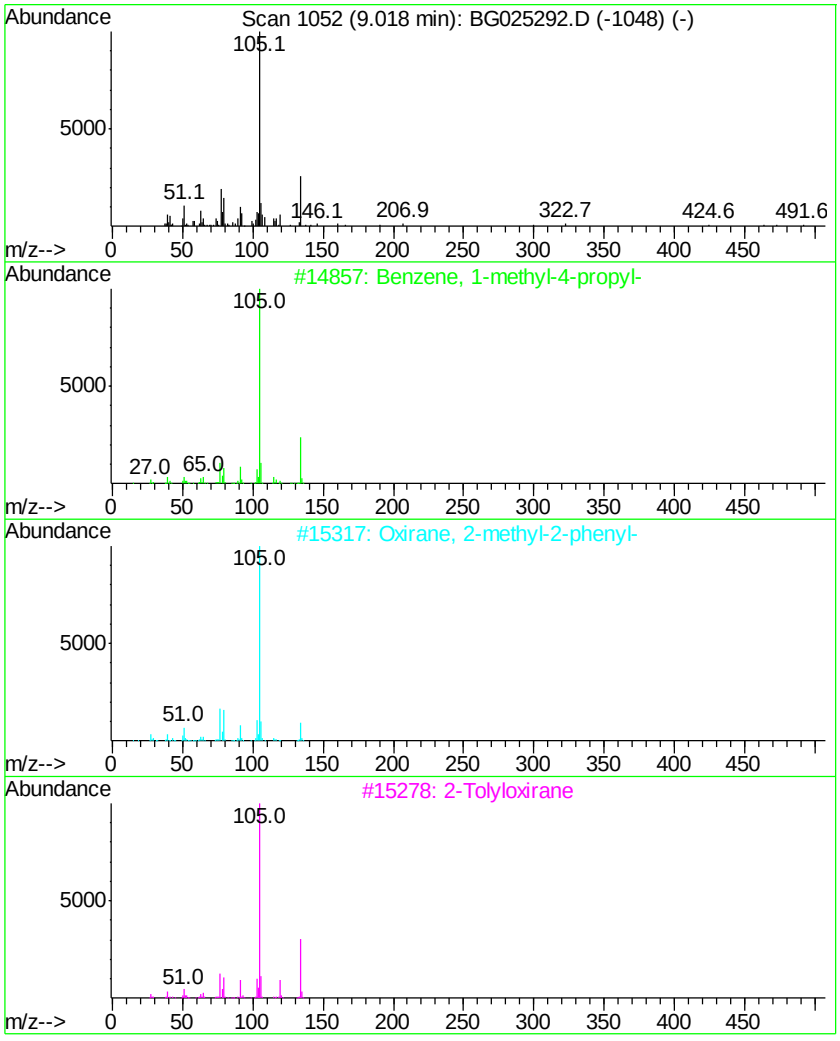
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

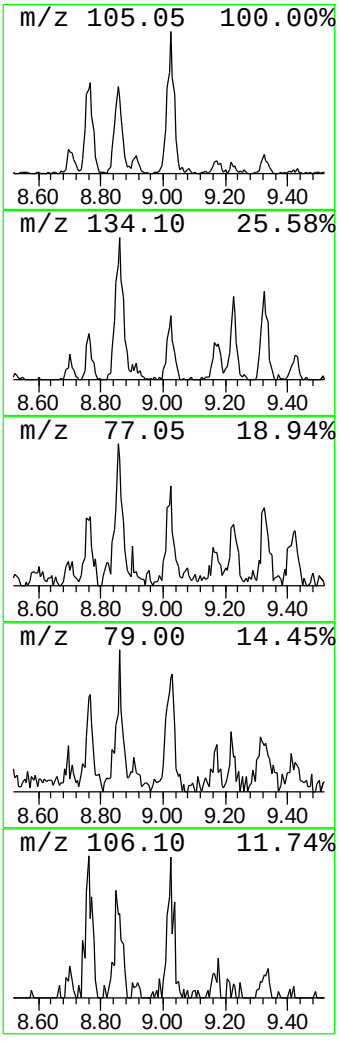
****

Peak Number 6 Benzene, 1-methyl-4-propyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.02	6.05 ng/ul	158998	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	90
2	Oxirane, 2-methyl-2-phenyl-	134	C9H10O	002085-88-3	86
3	2-Tolyloxirane	134	C9H10O	002783-26-8	83
4	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
5	Benzeneacetaldehyde, .alpha.-met...	134	C9H10O	000093-53-8	80





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

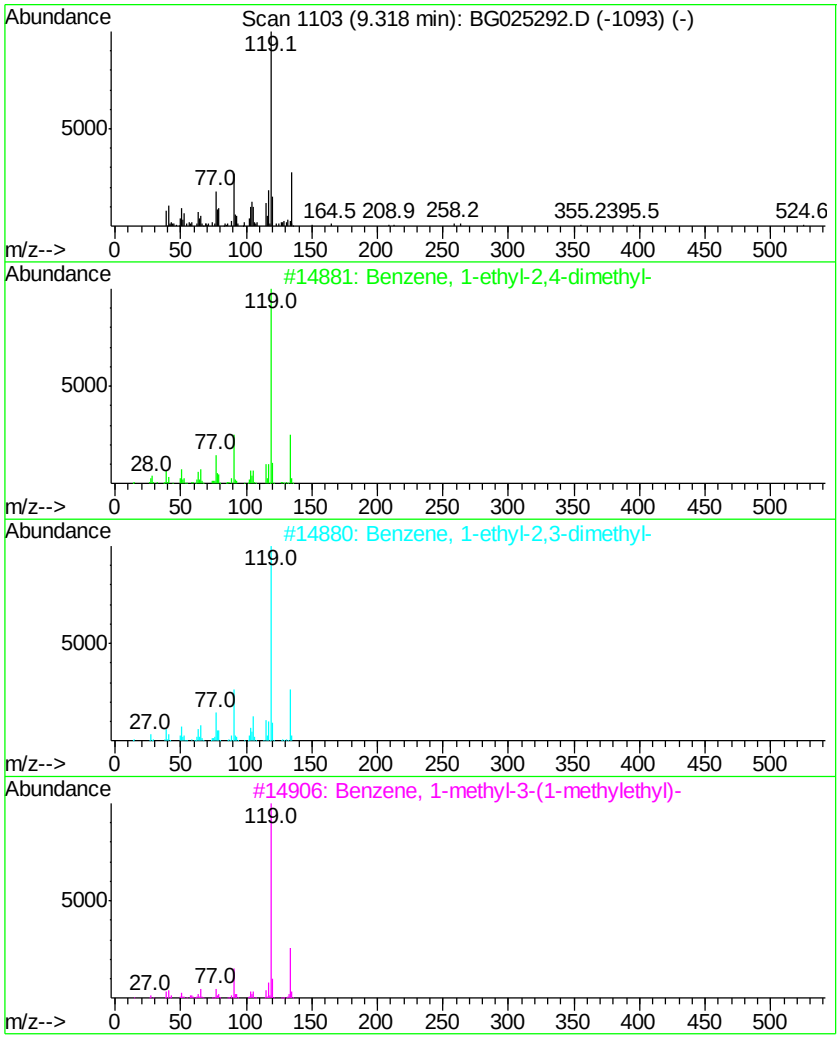
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

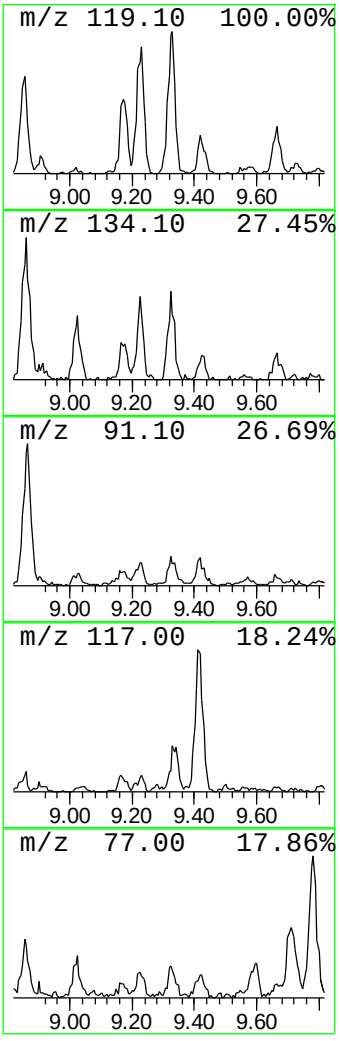
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzene, 1-ethyl-2,4-dimethyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	9.48 ng/ul	249238	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	90
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	90
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	90
5	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90





Library Search Compound Report

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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

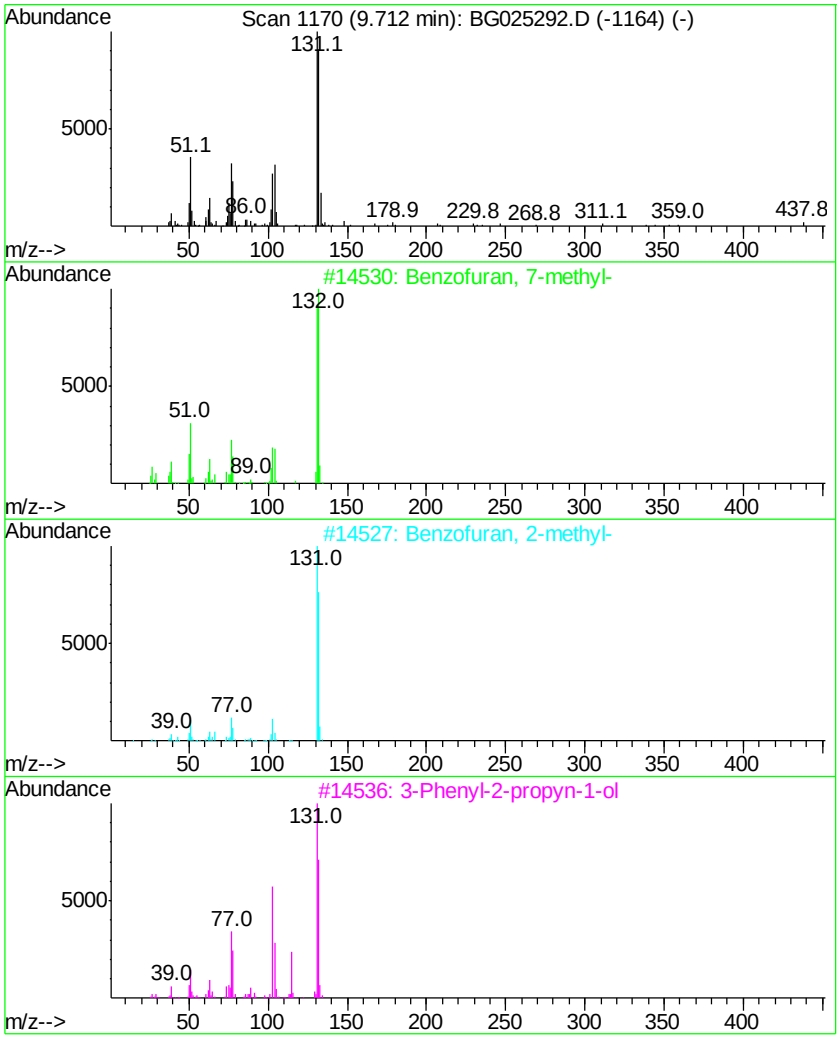
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

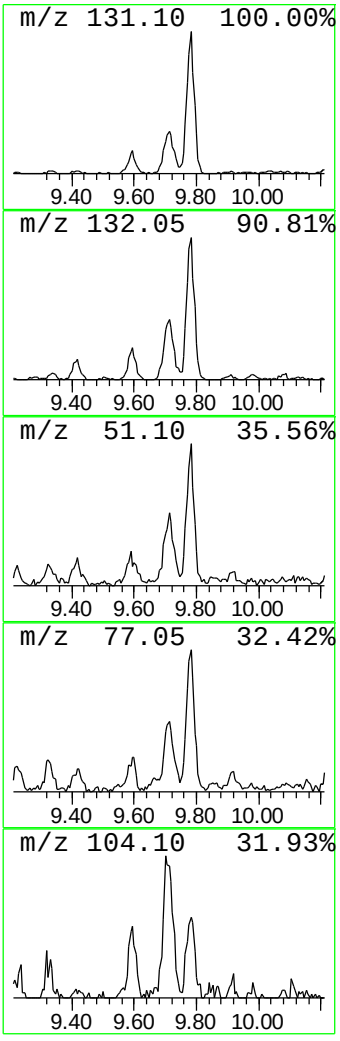
****

Peak Number 8 Benzofuran, 7-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	10.01 ng/ul	283768	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
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	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Library Search Compound Report

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Data File : BG025292.D
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Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

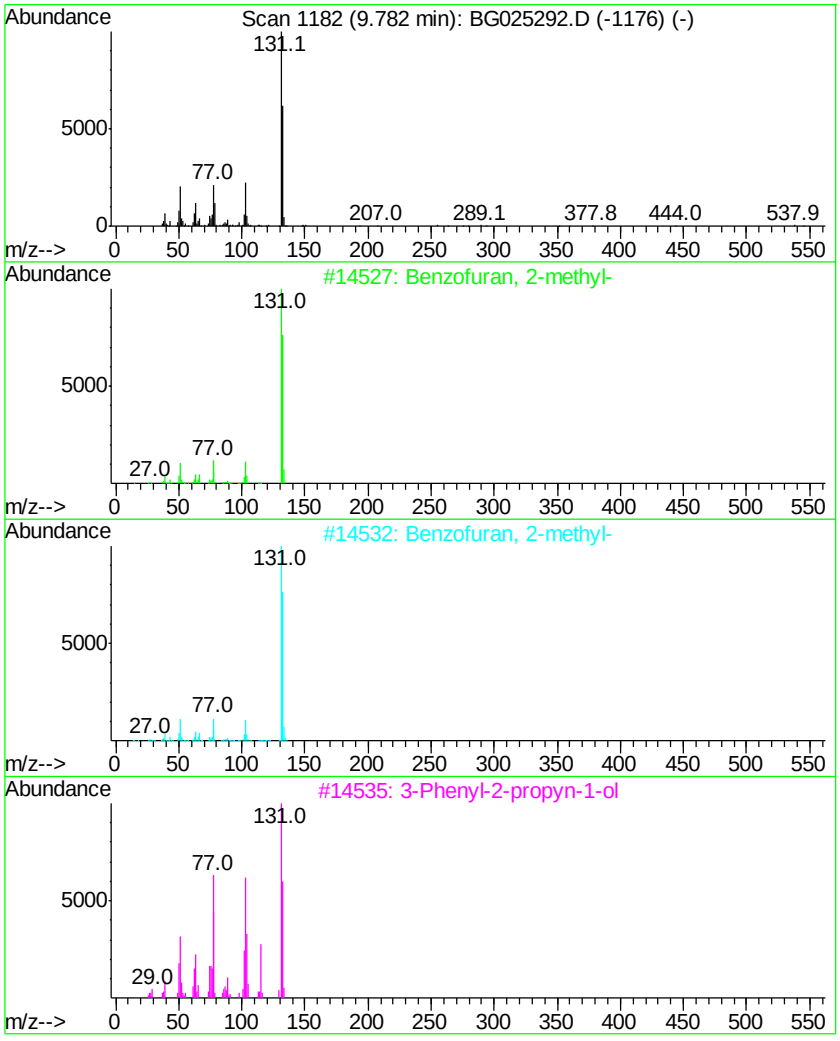
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

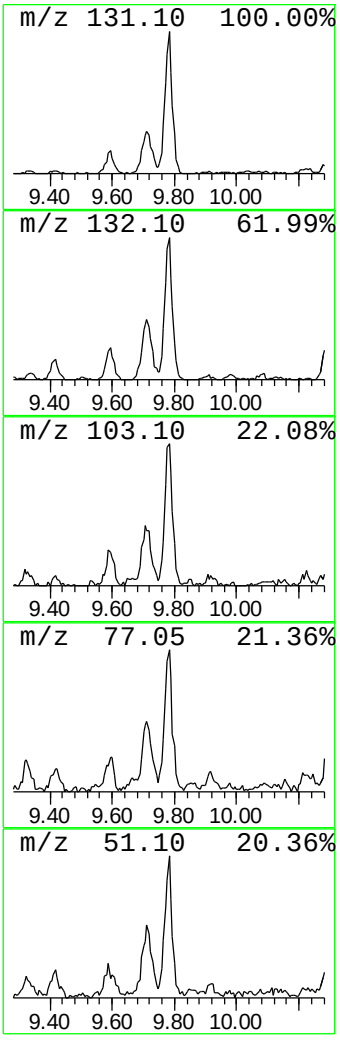
****

Peak Number 9 Benzofuran, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	17.36 ng/ul	492090	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	83





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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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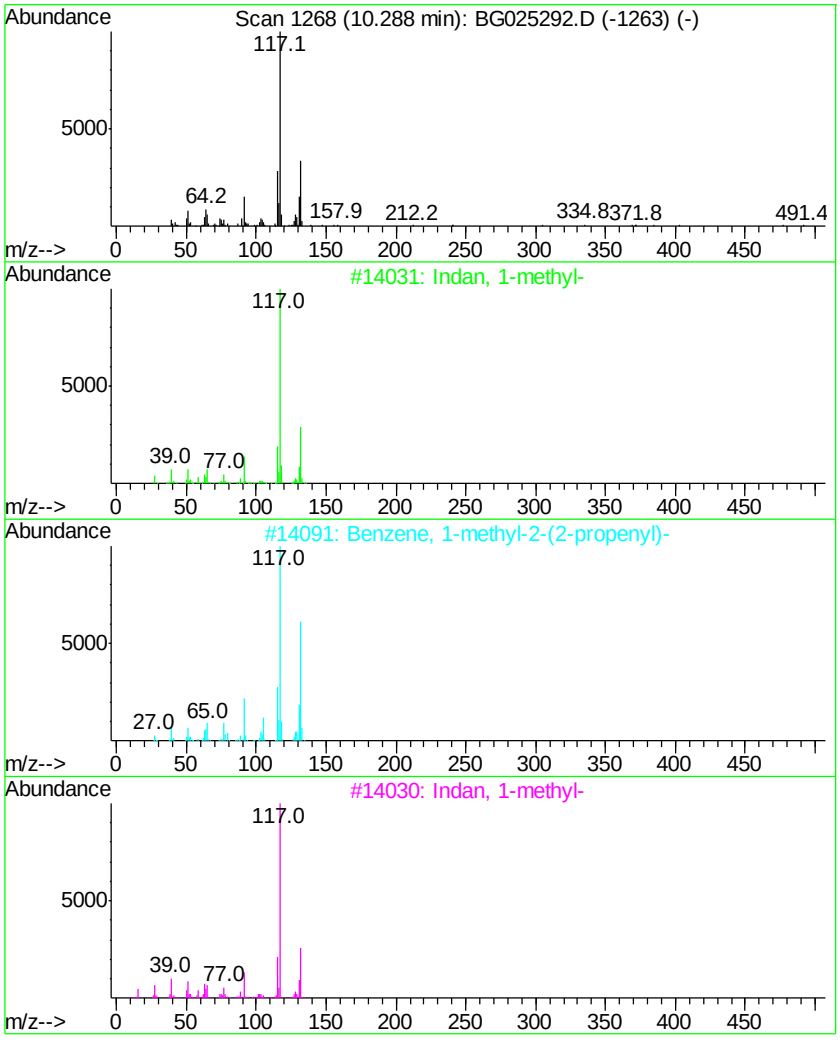
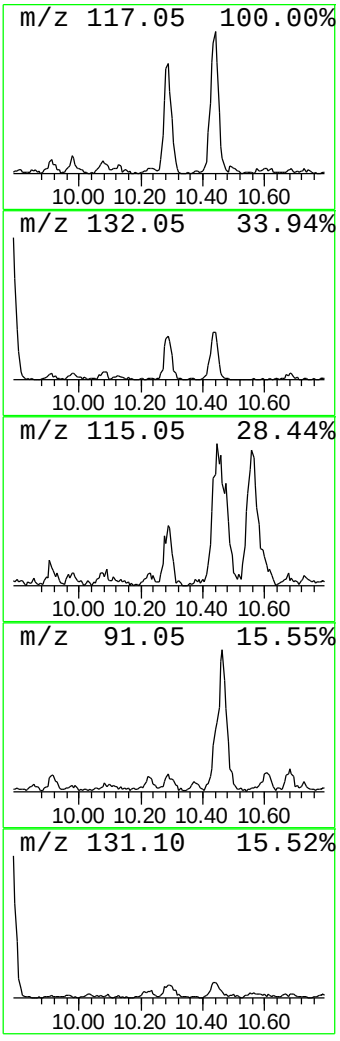
Peak Number 10 Indan, 1-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	6.80 ng/ul	192641	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indan, 1-methyl-	132	C10H12	000767-58-8	87
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Indan, 1-methyl-	132	C10H12	000767-58-8	87
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	72
5	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	64





Library Search Compound Report

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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

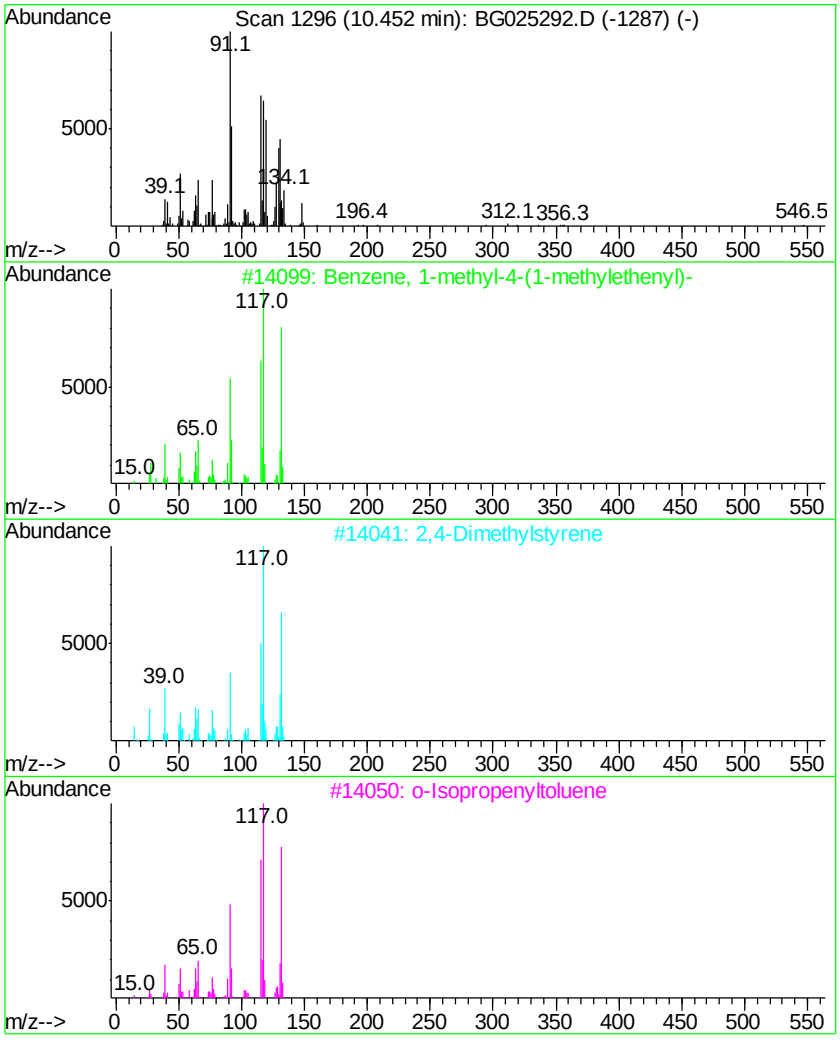
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

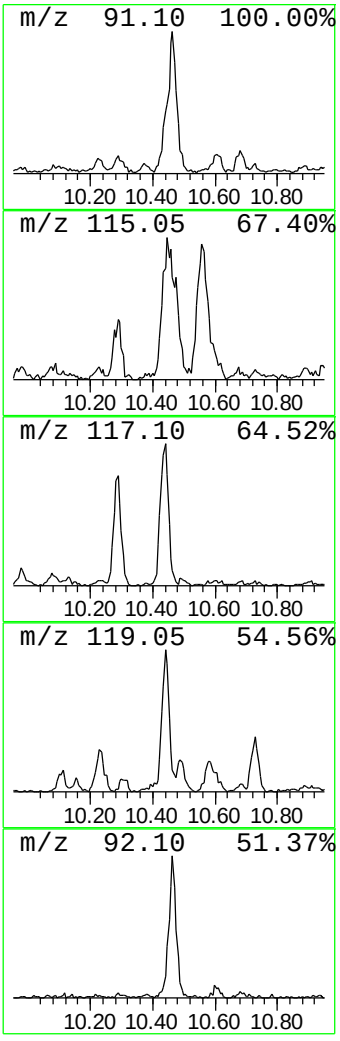
****

Peak Number 11 Benzene, 1-methyl-4-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	30.54 ng/ul	865378	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	132	C10H12	001195-32-0	50
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	50
3	o-Isopropenyltoluene	132	C10H12	007399-49-7	45
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	45
5	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	42





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Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

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

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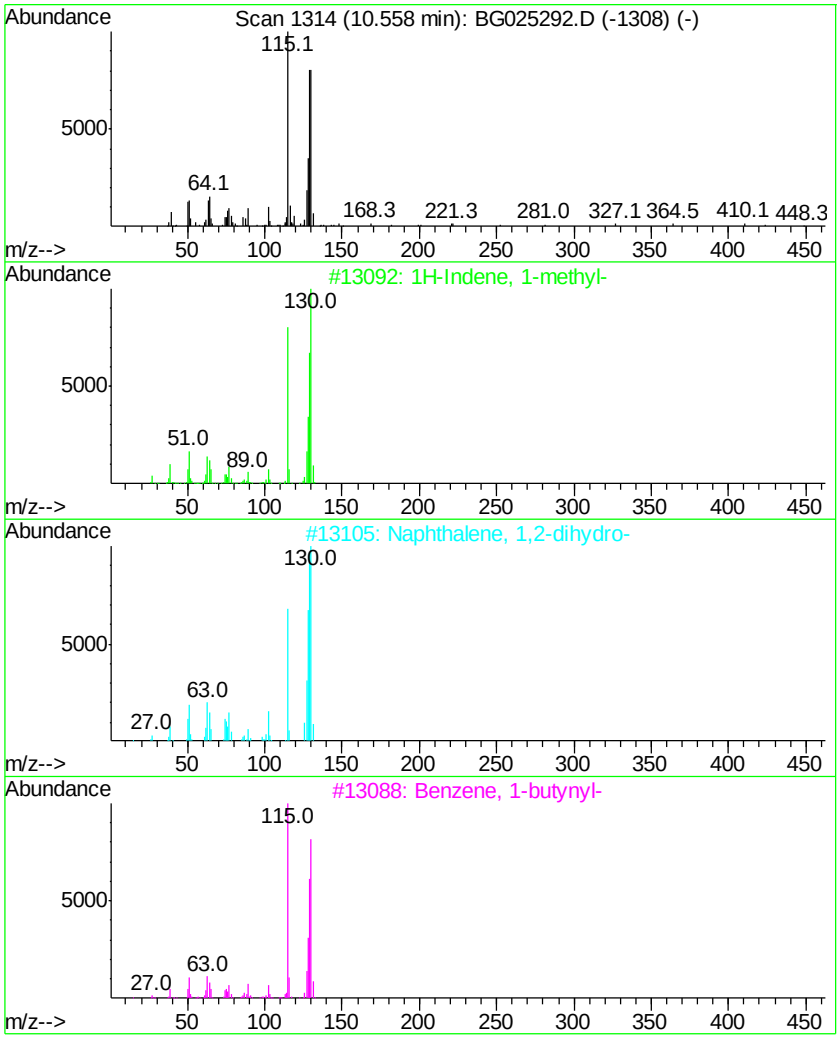
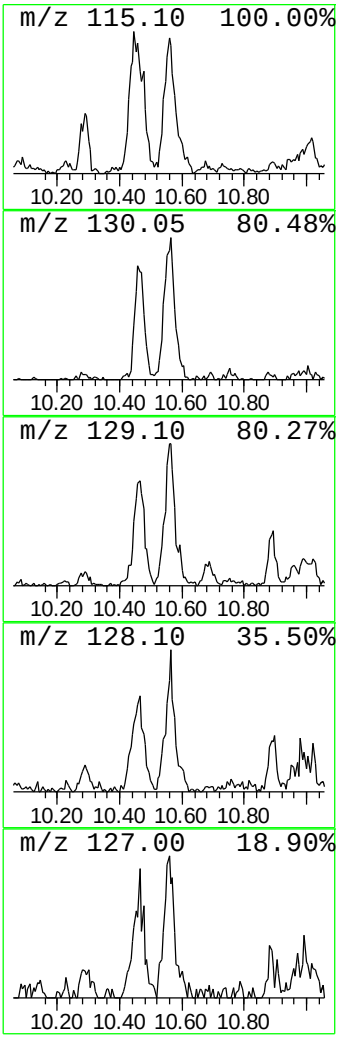
Peak Number 12 1H-Indene, 1-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.56	8.29 ng/ul	234931	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	93
2	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	89
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	87
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	83





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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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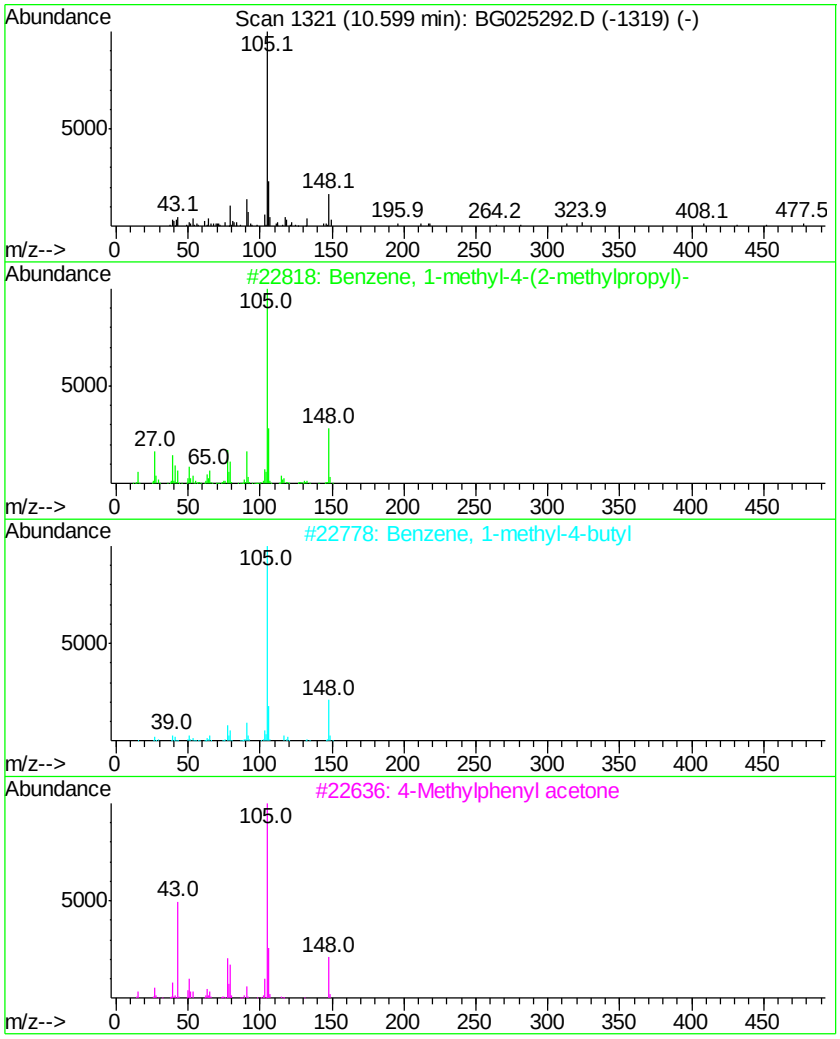
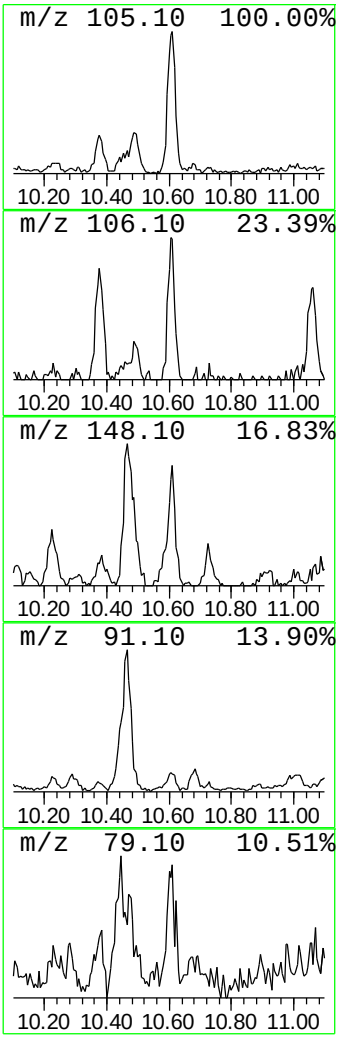
Peak Number 13 Benzene, 1-methyl-4-(2-meth... Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	6.04 ng/ul	171185	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(2-methylpro...	148	C11H16	005161-04-6	62
2	Benzene, 1-methyl-4-butyl	148	C11H16	001595-05-7	62
3	4-Methylphenyl acetone	148	C10H12O	002096-86-8	53
4	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	47
5	3-Buten-2-ol, 4-phenyl-	148	C10H12O	017488-65-2	47





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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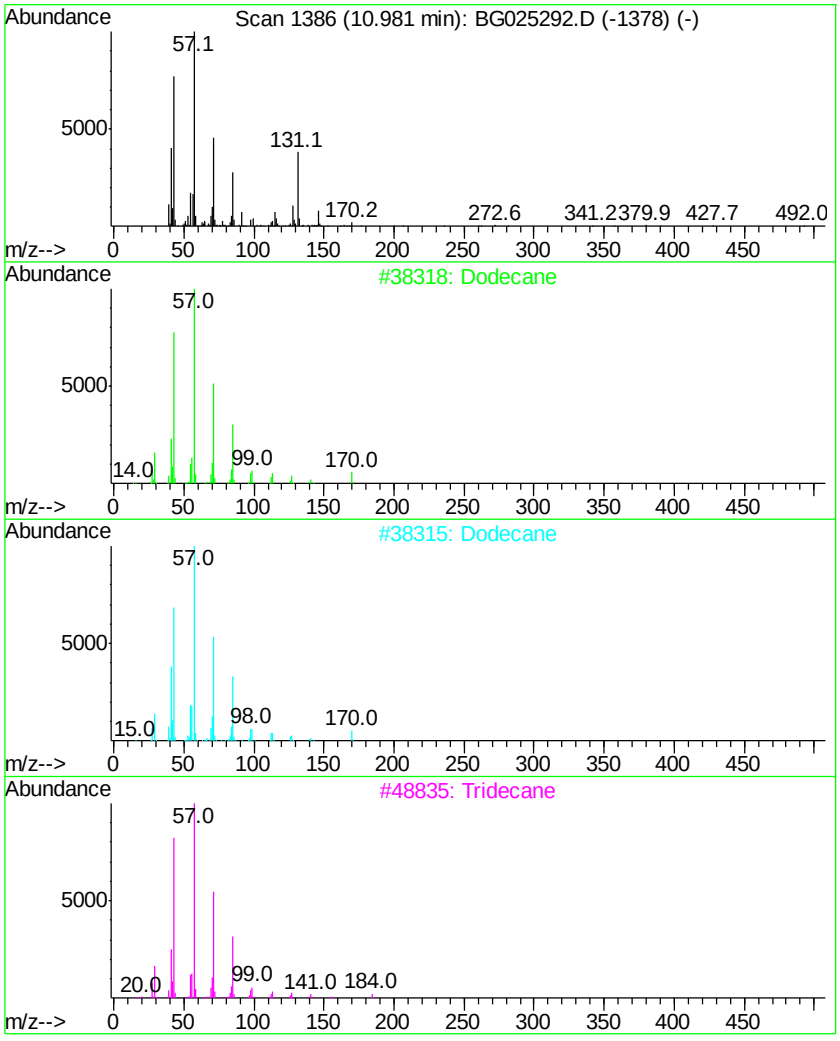
Quant Title : SVOA CALIBRATION

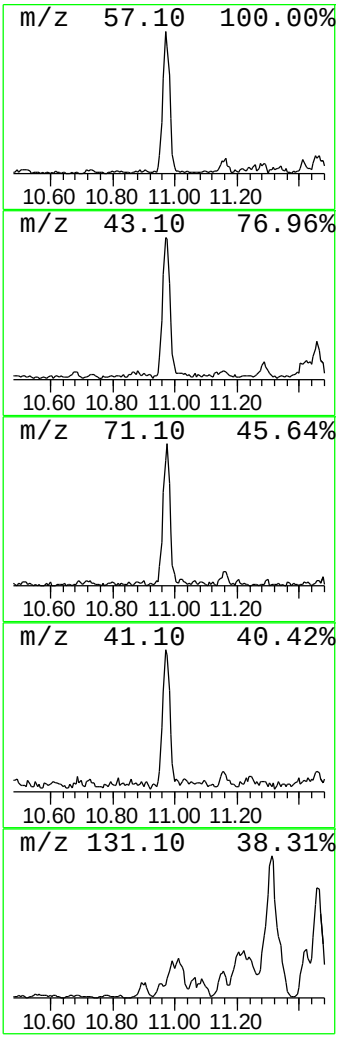
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	17.14 ng/ul	485614	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	70
2	Dodecane	170	C12H26	000112-40-3	64
3	Tridecane	184	C13H28	000629-50-5	58
4	Hexadecane	226	C16H34	000544-76-3	53
5	Tridecane	184	C13H28	000629-50-5	53





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

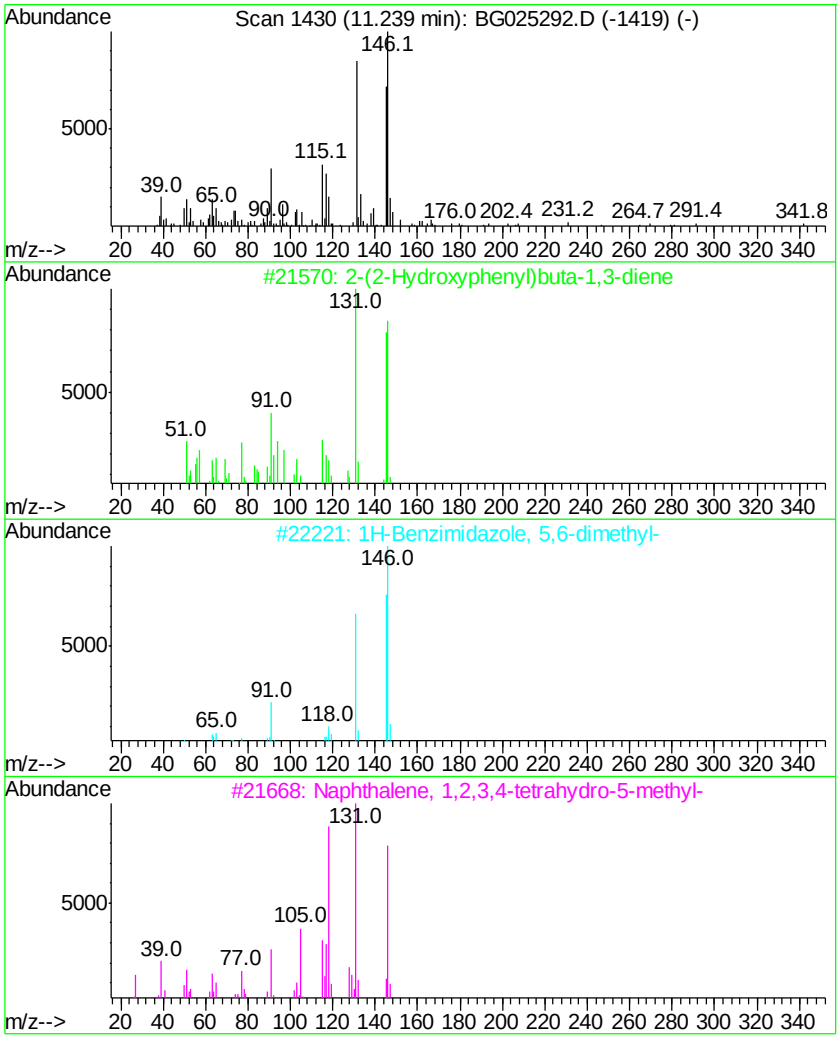
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

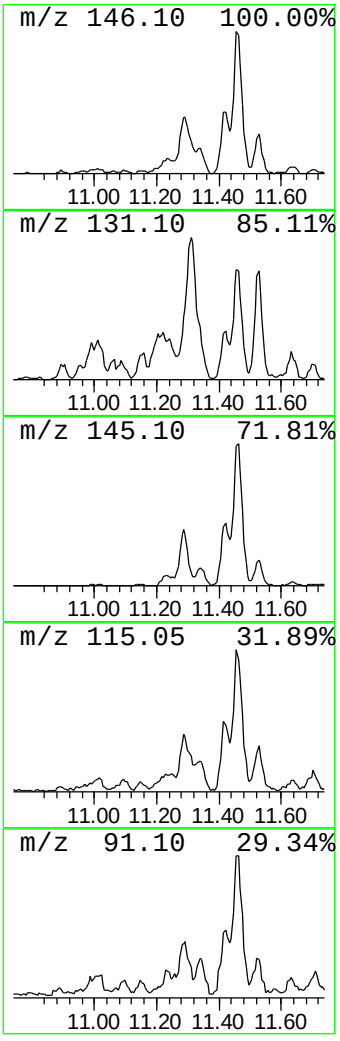
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.24	14.47 ng/ul	409969	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	80
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	68
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	59
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	59
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	59





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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Quant Title : SVOA CALIBRATION

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

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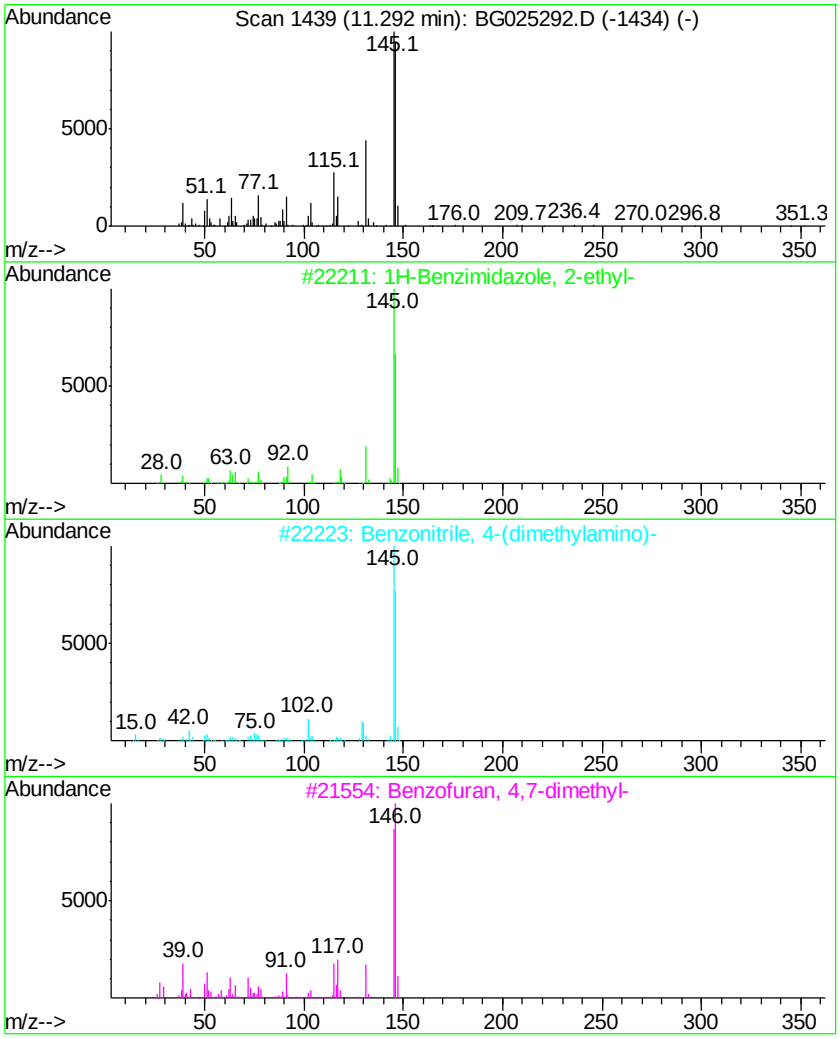
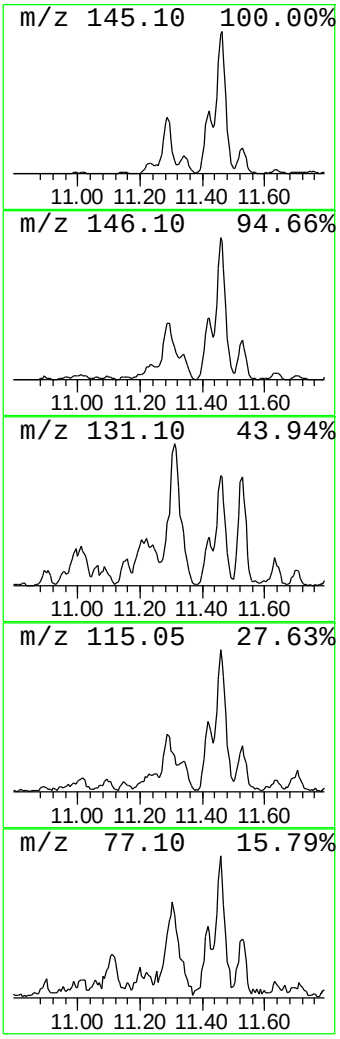
Peak Number 16 1H-Benzimidazole, 2-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	48.89 ng/ul	1385540	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	53
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
3	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	50
4	2H-Isoindole, 4,7-dimethyl-	145	C10H11N	070187-62-1	49
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47





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Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

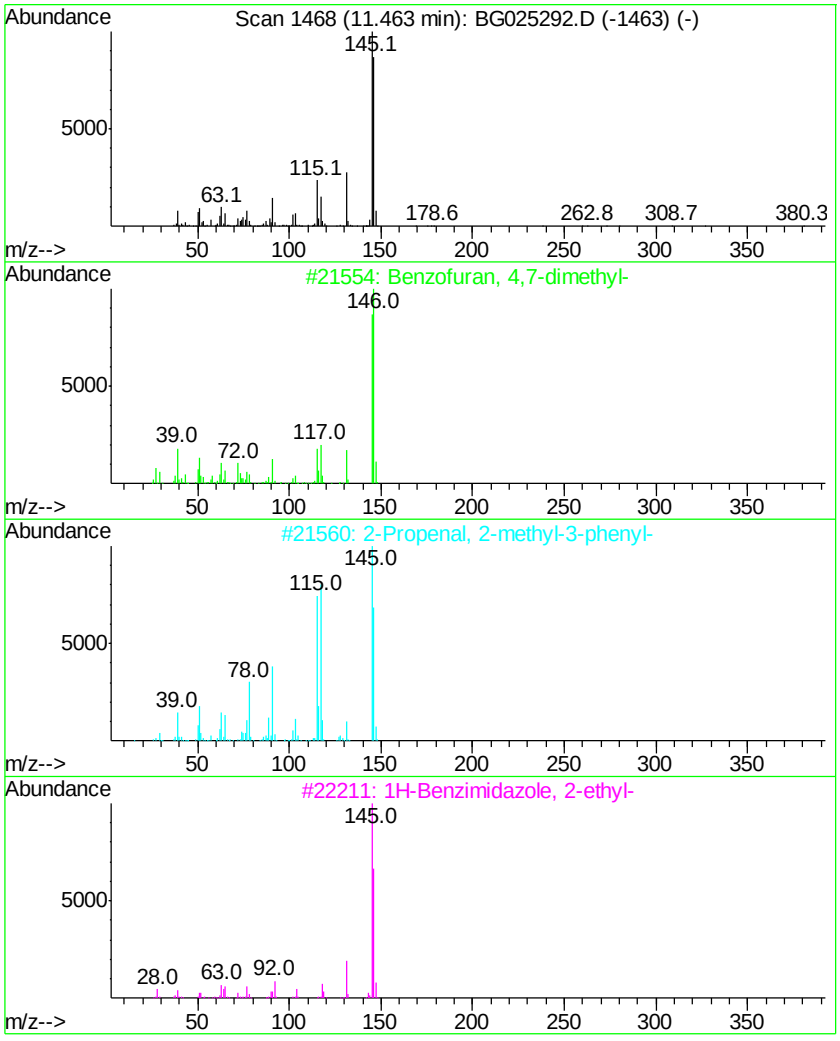
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

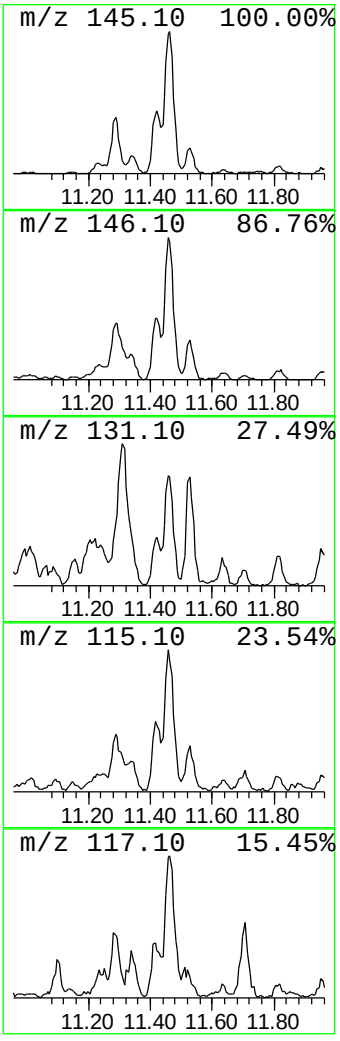
****

Peak Number 18 Benzofuran, 4,7-dimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	66.97 ng/ul	1897820	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	83
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	83
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
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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Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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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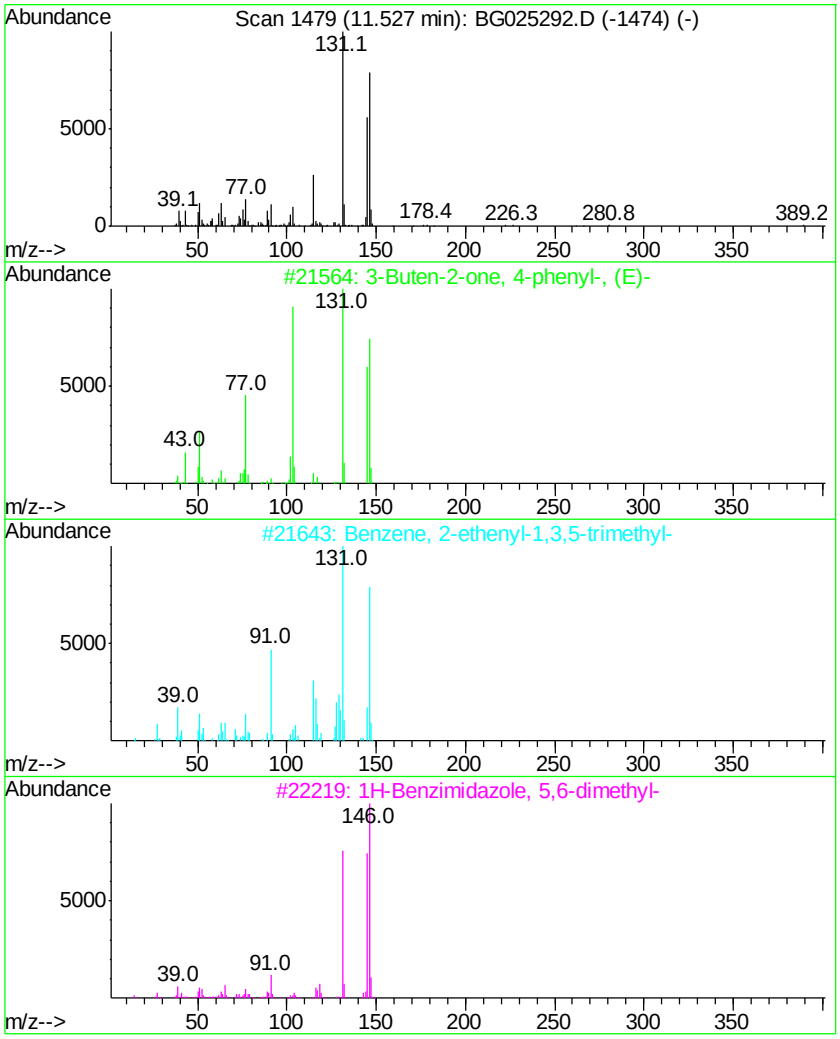
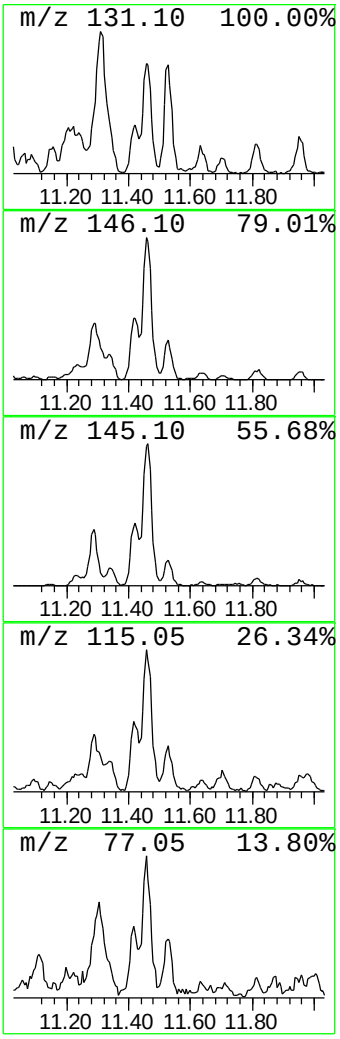
Peak Number 19 3-Buten-2-one, 4-phenyl-, (E)- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	18.77 ng/ul	531839	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	80
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	80
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
4	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	72





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

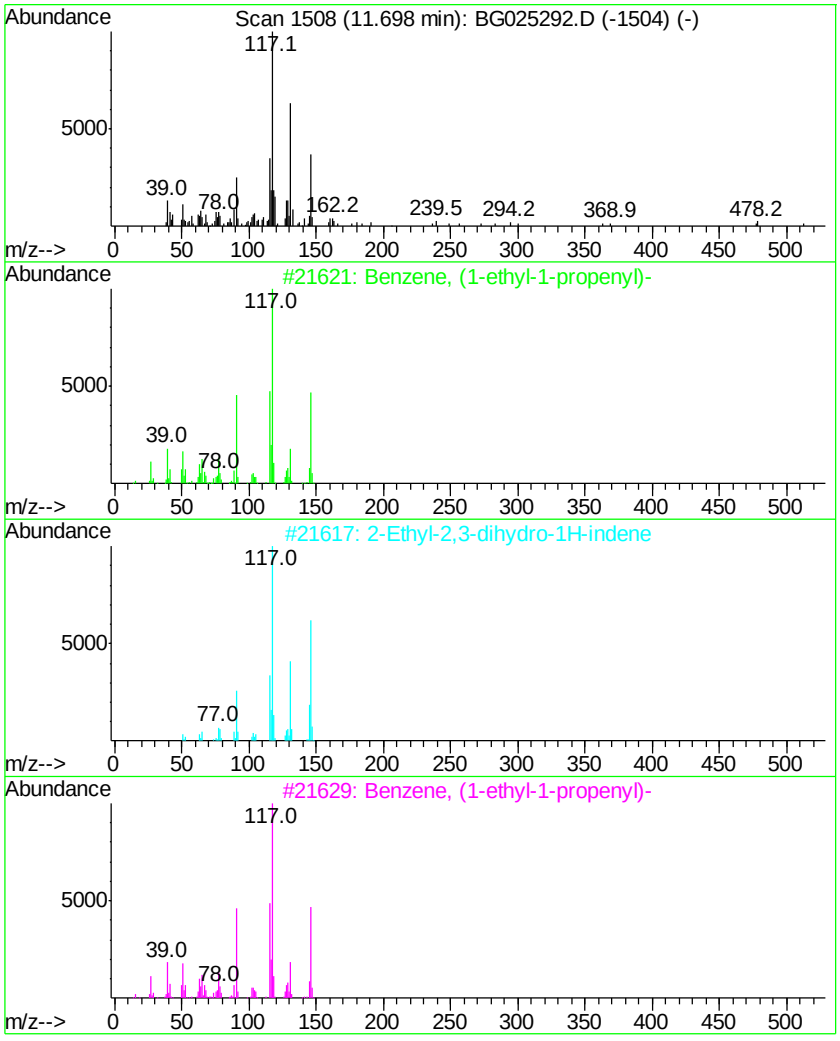
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

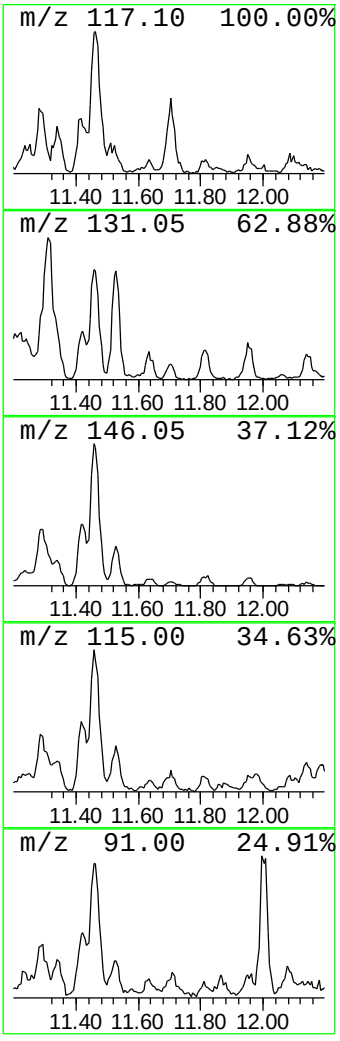
****

Peak Number 20 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	7.61 ng/ul	215744	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	92
2	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	87
3	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	86
4	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	64
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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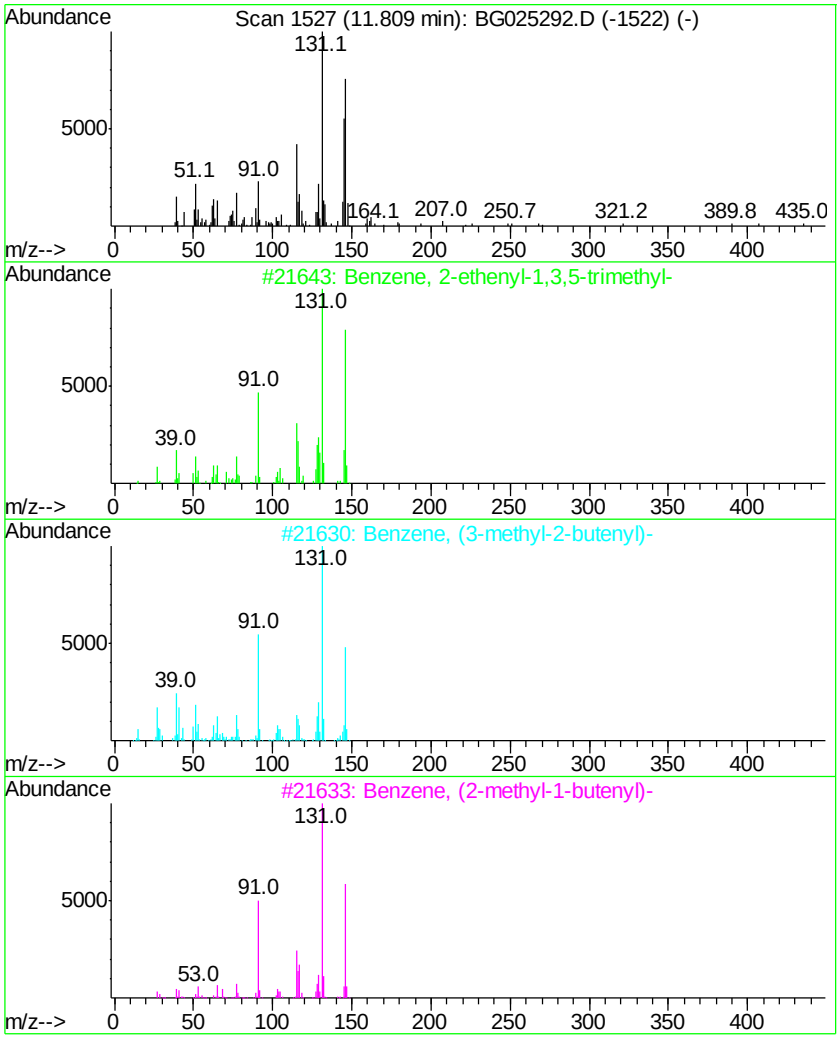
Quant Title : SVOA CALIBRATION

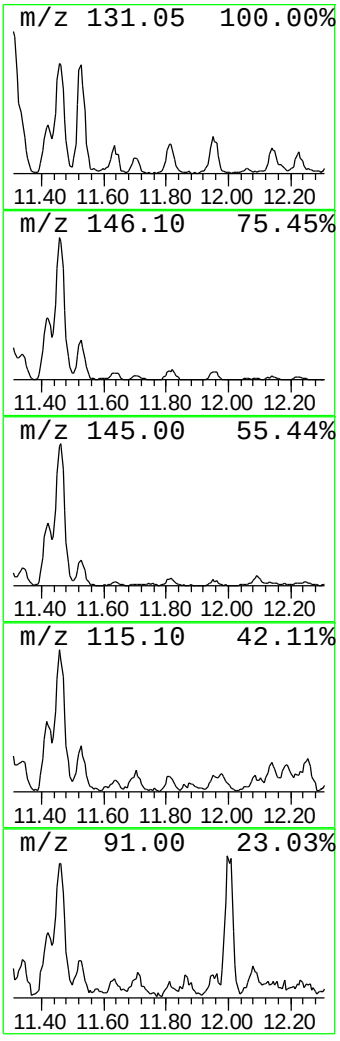
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Benzene, 2-ethenyl-1,3,5-tr... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	6.78 ng/ul	192157	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	70
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
3	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	58
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	55





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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Quant Title : SVOA CALIBRATION

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

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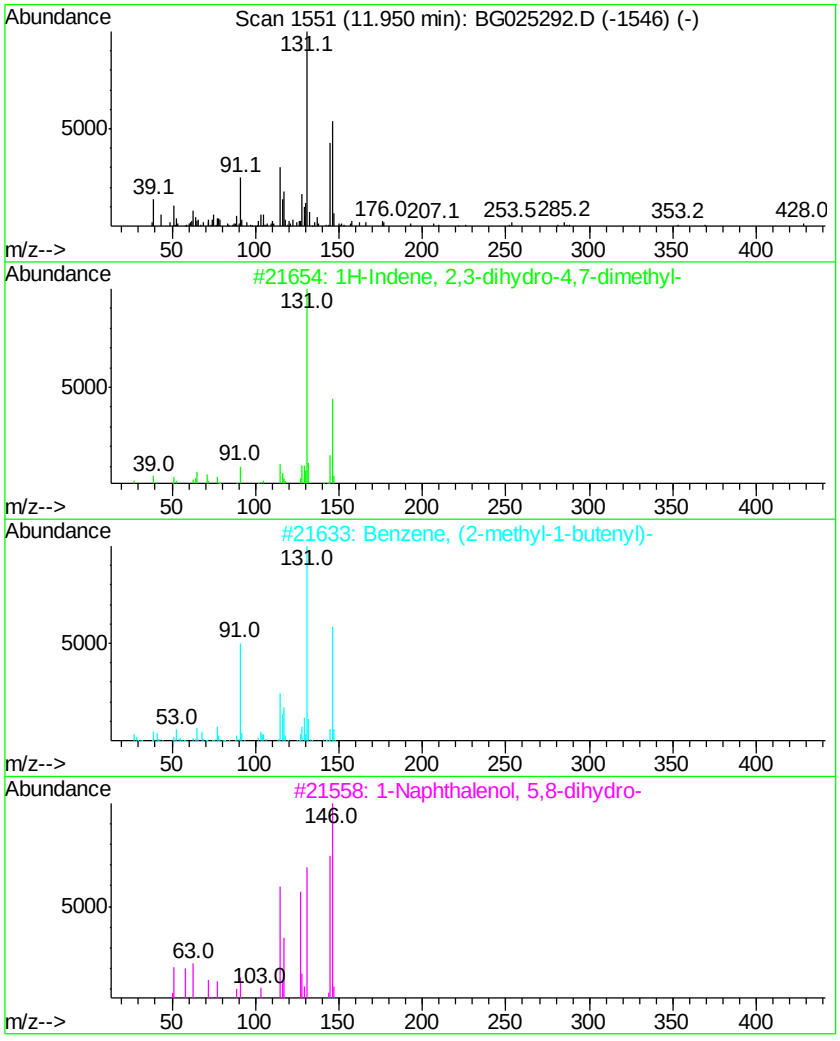
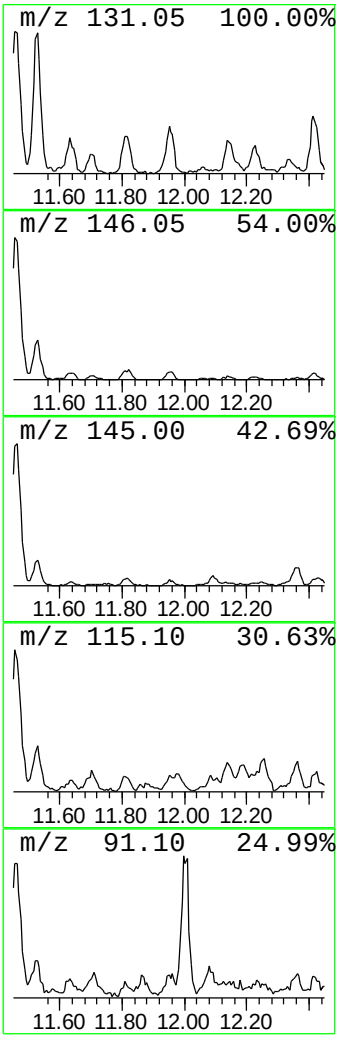
Peak Number 22 1H-Indene, 2,3-dihydro-4,7-... Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	5.90 ng/ul	167155	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	72
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	68
3	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	64
4	1H-Indene, 2,3-dihydro-5,6-dimet...	146	C11H14	001075-22-5	64
5	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	59





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Sample : H5938-18DL 2X
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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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Quant Title : SVOA CALIBRATION

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

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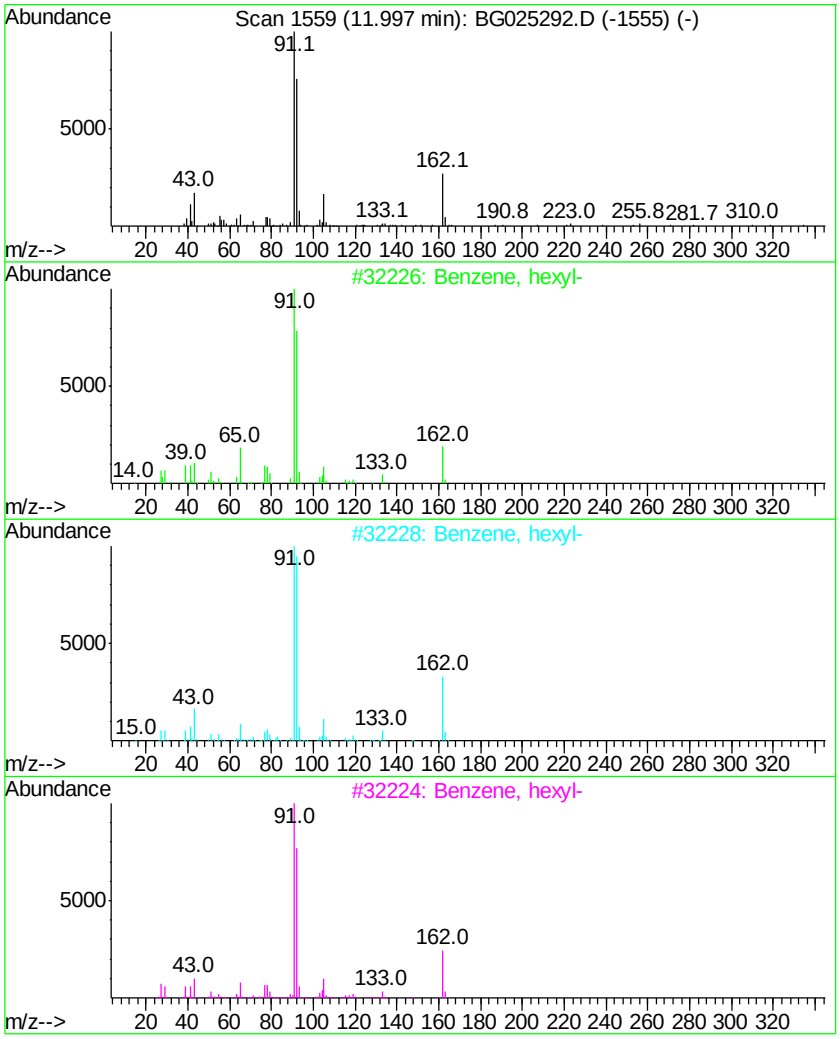
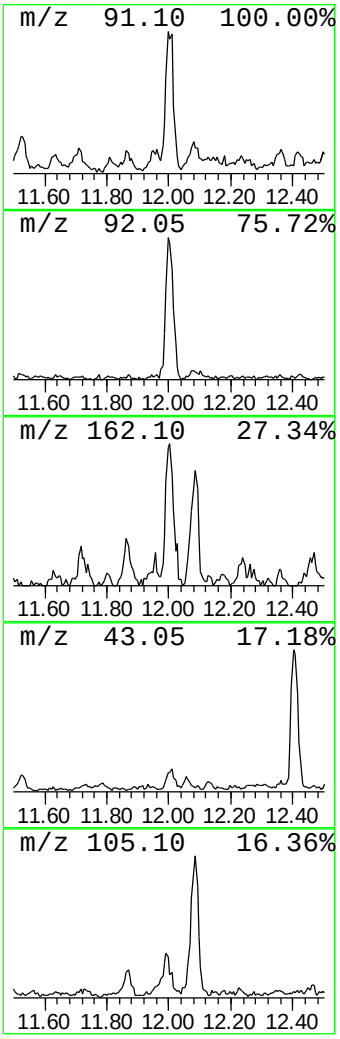
Peak Number 23 Benzene, hexyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	9.92 ng/ul	281206	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexyl-	162	C12H18	001077-16-3	87
2	Benzene, hexyl-	162	C12H18	001077-16-3	87
3	Benzene, hexyl-	162	C12H18	001077-16-3	86
4	Benzene, pentyl-	148	C11H16	000538-68-1	59
5	Benzene, (2-methylpentyl)-	162	C12H18	039916-61-5	59





Library Search Compound Report

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Sample : H5938-18DL 2X
Misc :
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Instrument : BNA_G
ClientSampleId : DA840DL

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Quant Title : SVOA CALIBRATION

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

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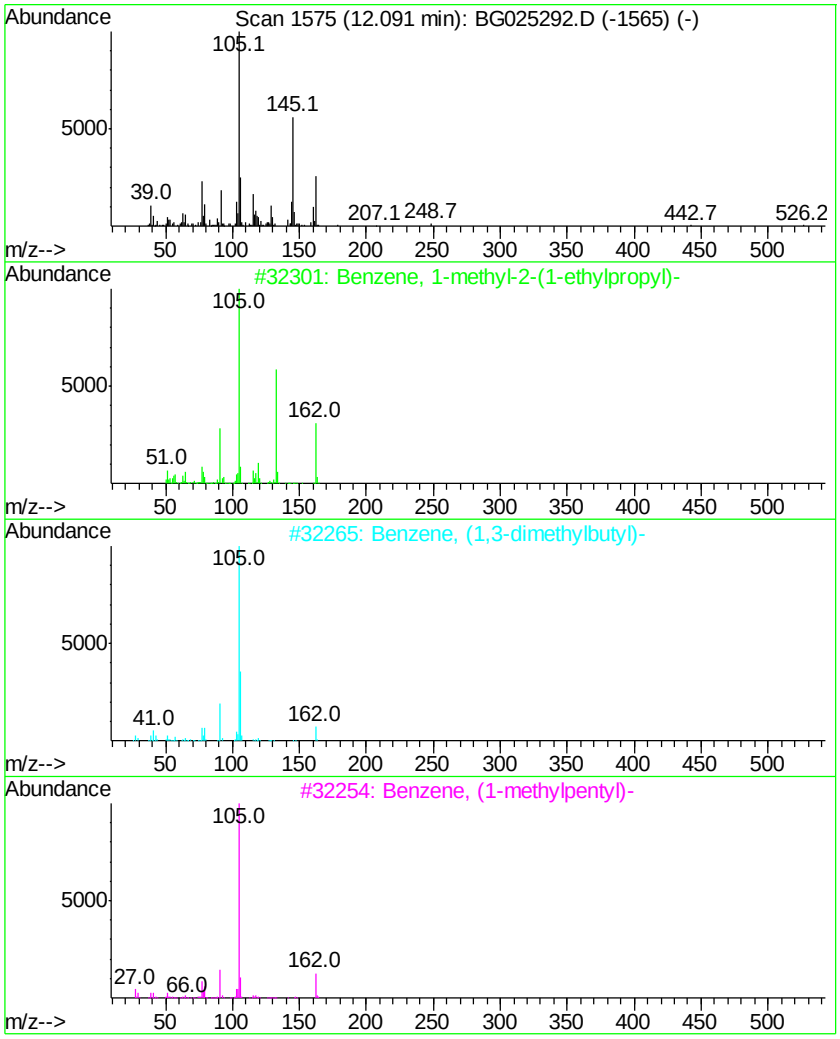
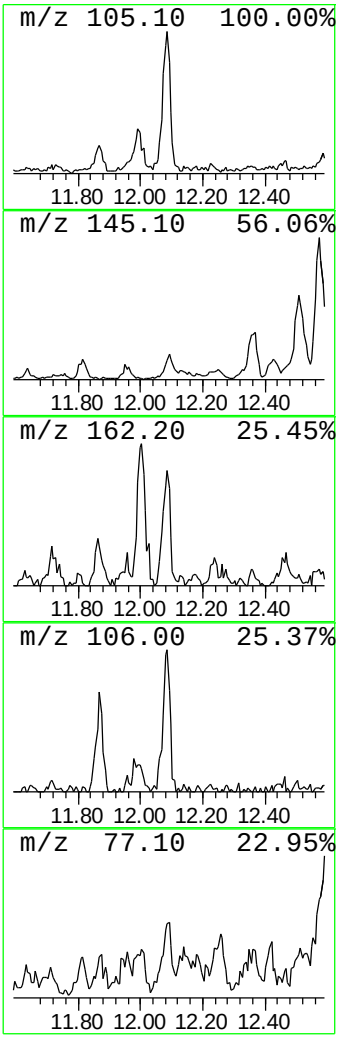
Peak Number 24 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	12.32 ng/ul	349107	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	35
2	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	27
3	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	27
4	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	22
5	5-Phenyl-6,8-dioxa-3-thiabicyclo...	240	C11H12O4S	069697-65-0	14





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Misc :
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Instrument : BNA_G
ClientSampleId : DA840DL

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Quant Title : SVOA CALIBRATION

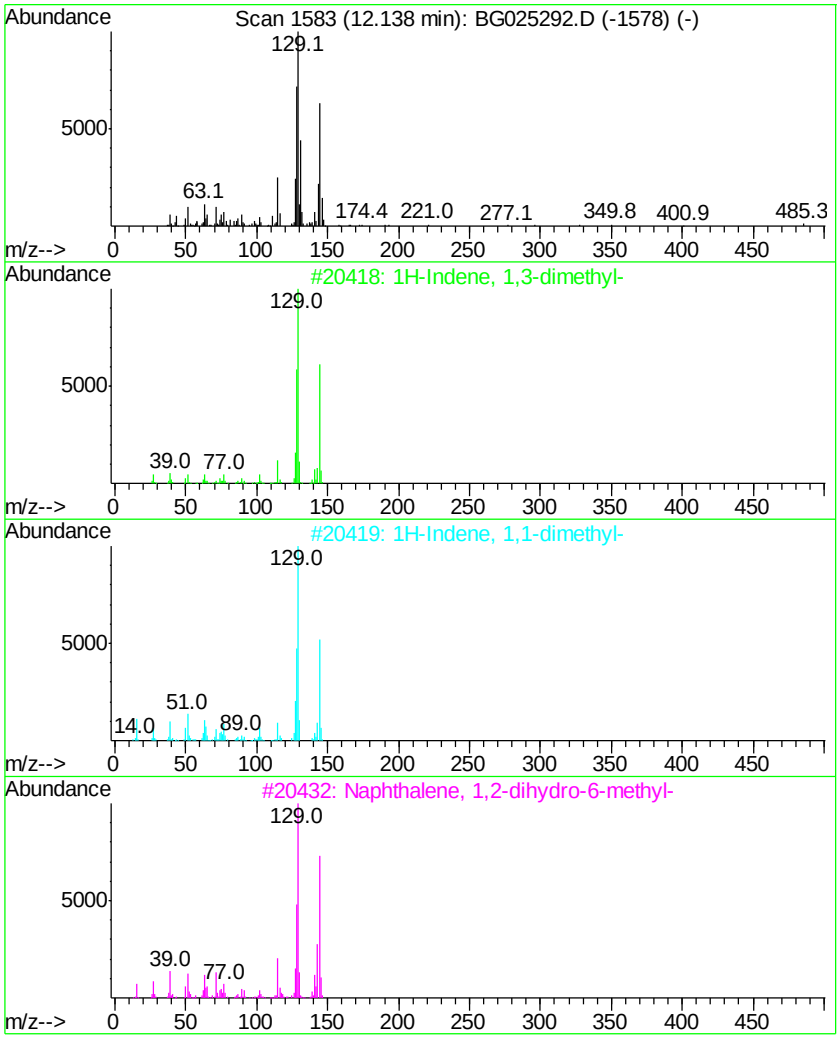
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

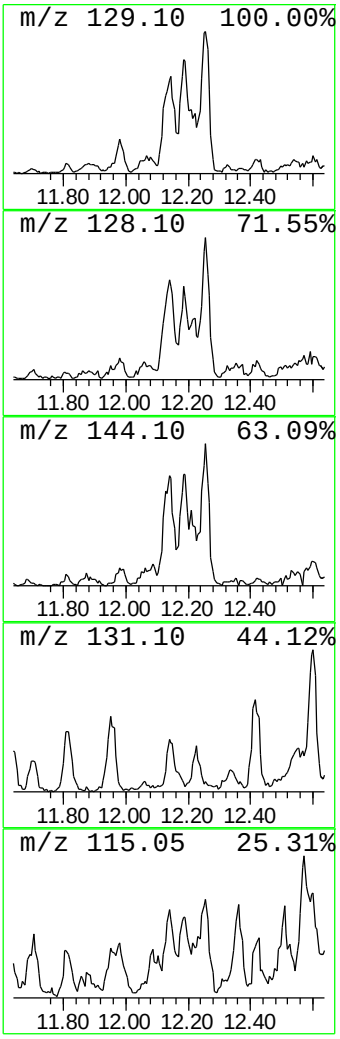
****

Peak Number 25 1H-Indene, 1,3-dimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	10.45 ng/ul	296085	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	68
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	64
3	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	64
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	64
5	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	64





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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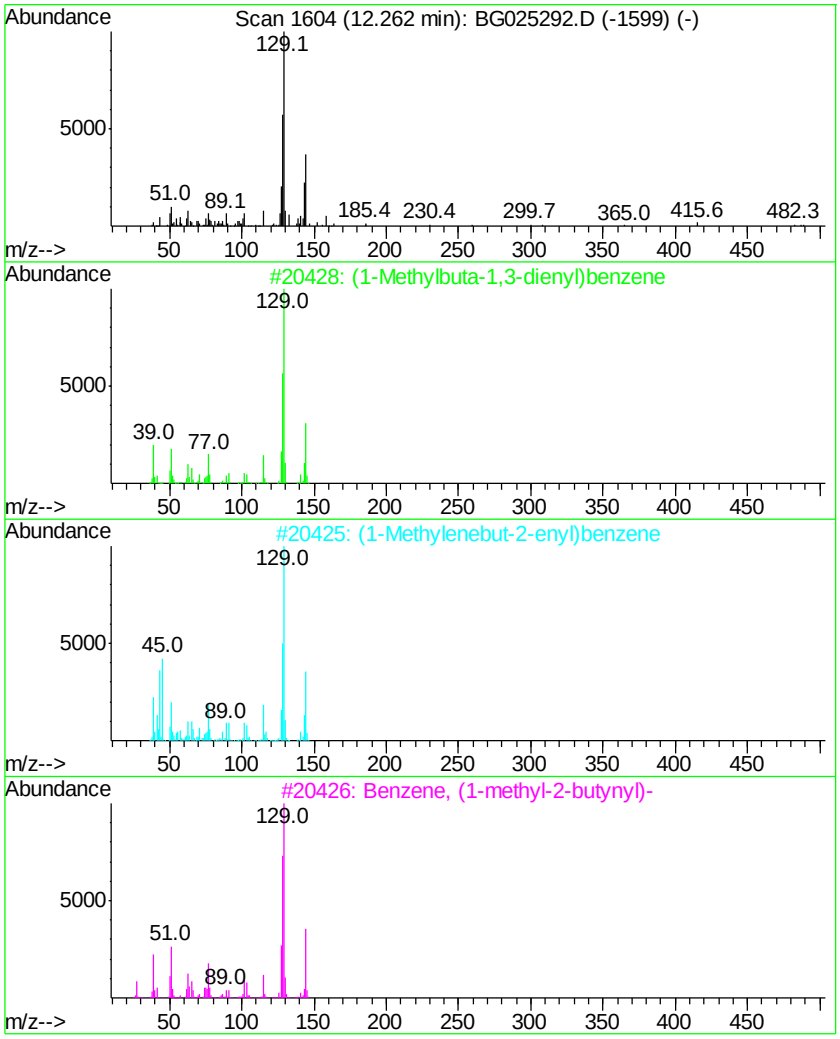
Quant Title : SVOA CALIBRATION

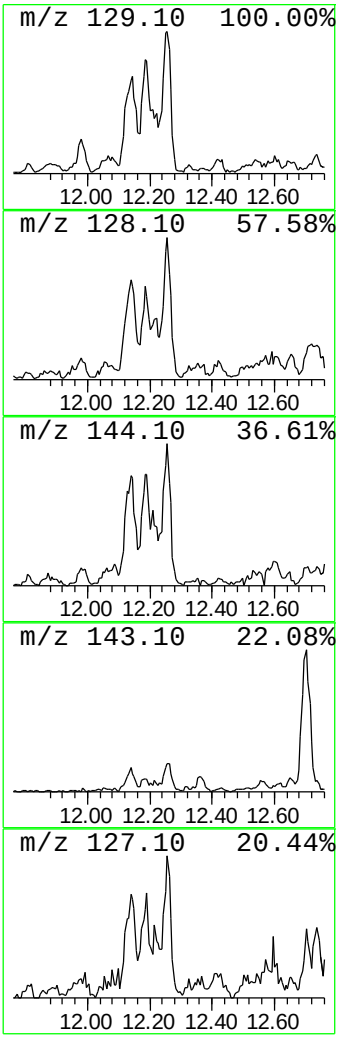
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 (1-Methylbuta-1,3-dienyl)be... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	16.21 ng/ul	459445	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	91
2	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	91
3	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	87
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	87
5	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	87





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ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
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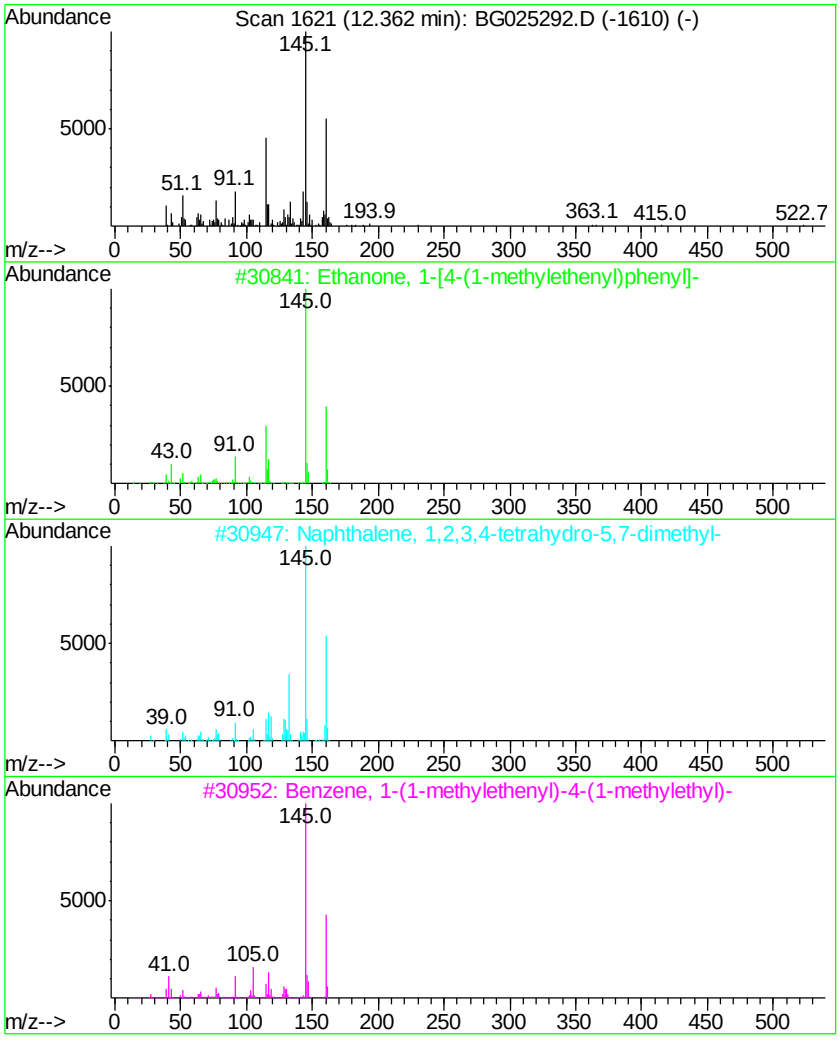
Quant Title : SVOA CALIBRATION

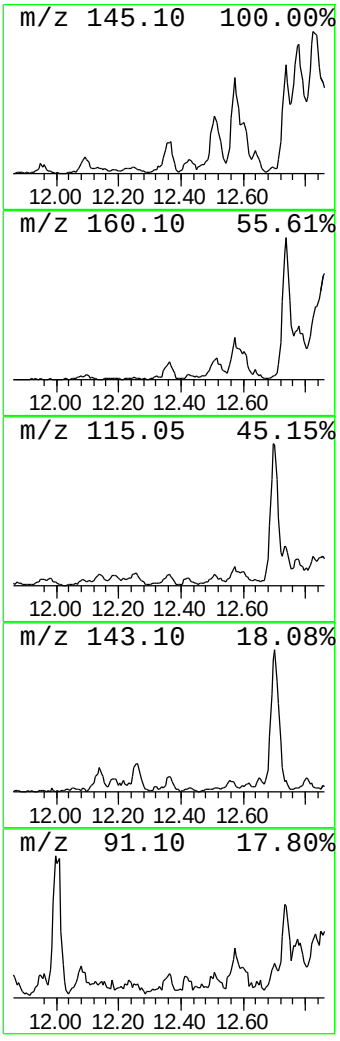
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 Ethanone, 1-[4-(1-methyleth... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	11.75 ng/ul	333108	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	68
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	58
3	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	58
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	58
5	5-Methyl-1-phenyl-4,5-dihydro-2-...	160	C10H12N2	020409-84-1	52





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Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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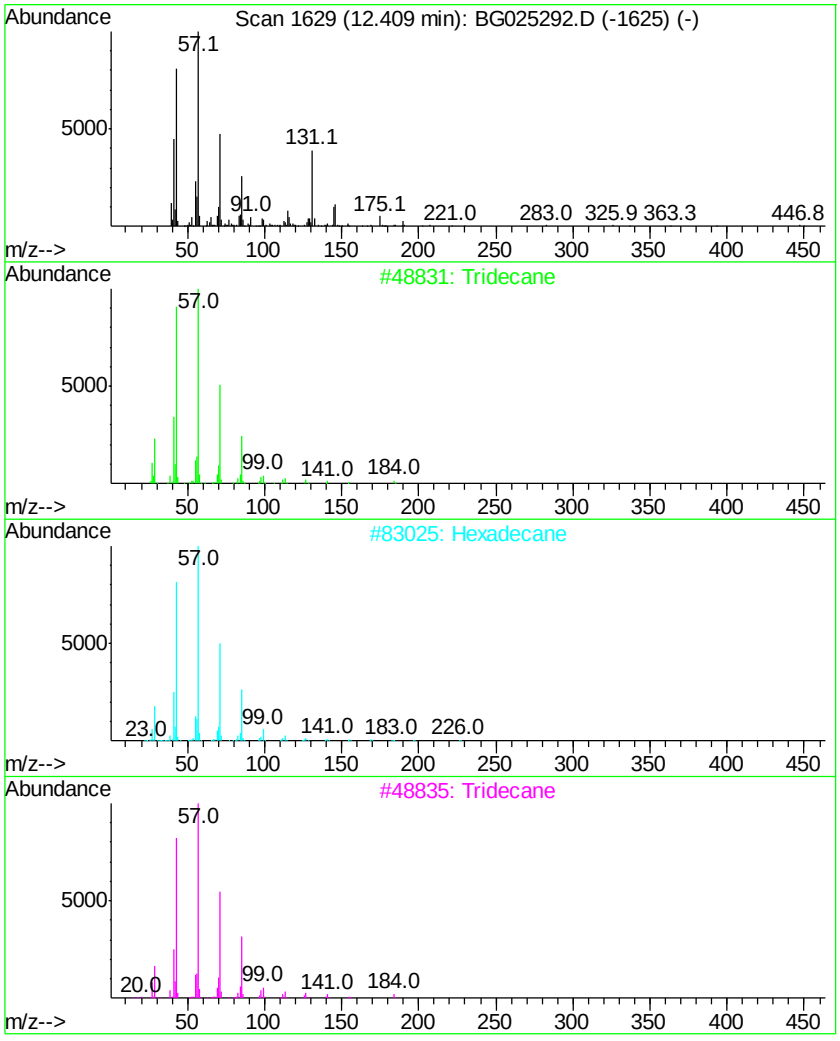
Quant Title : SVOA CALIBRATION

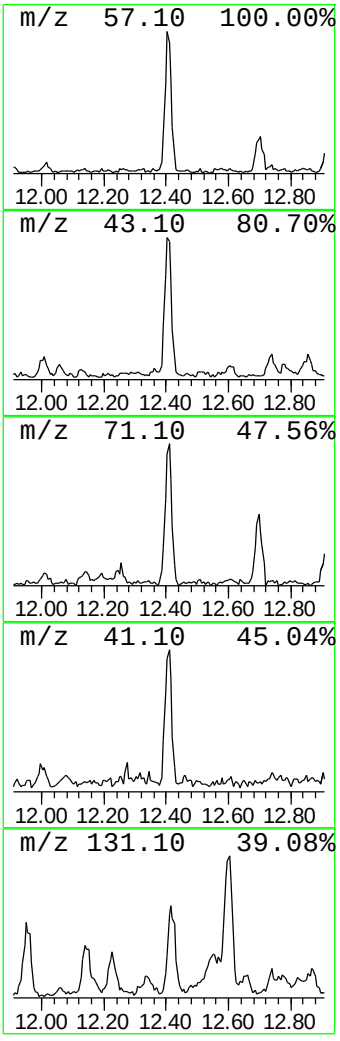
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	18.30 ng/ul	518462	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	46
2	Hexadecane	226	C16H34	000544-76-3	43
3	Tridecane	184	C13H28	000629-50-5	38
4	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	38
5	Undecane	156	C11H24	001120-21-4	38





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Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
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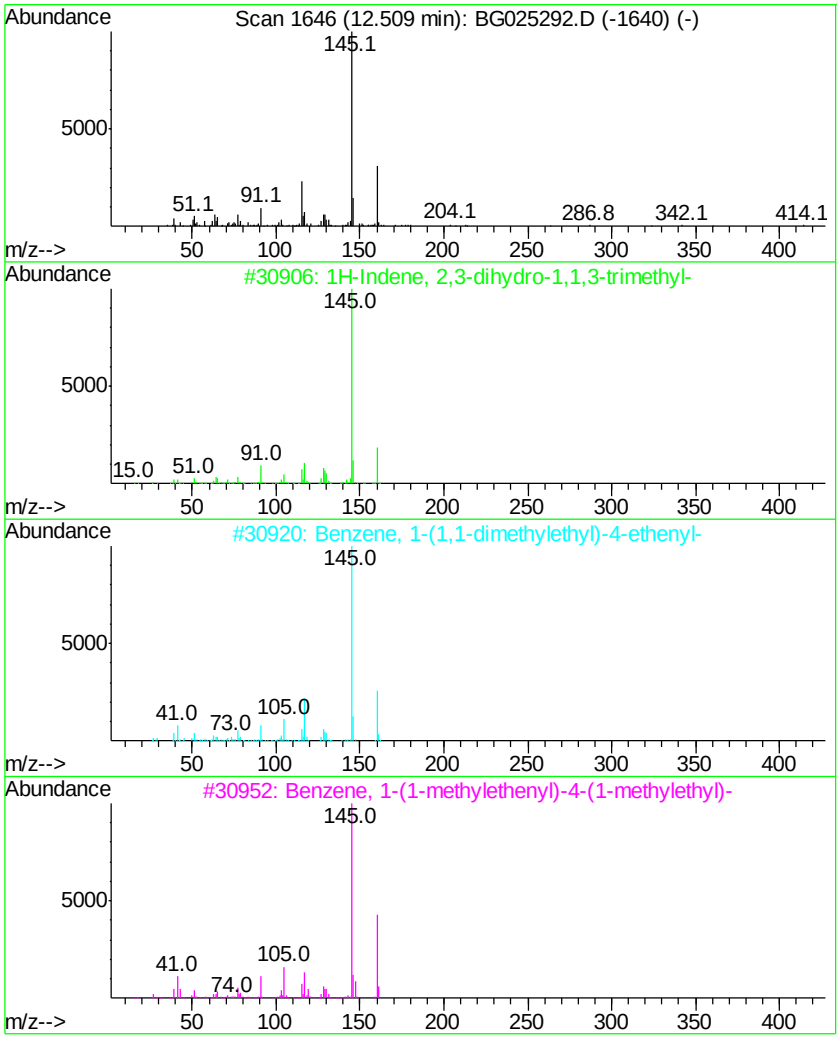
Quant Title : SVOA CALIBRATION

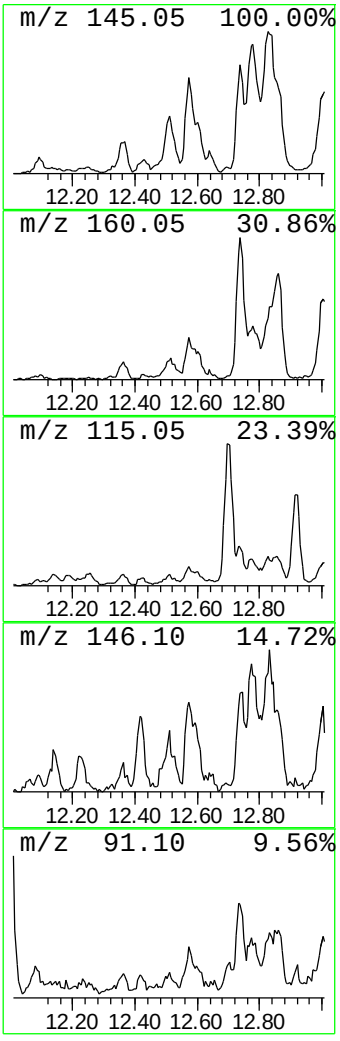
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	9.77 ng/ul	276830	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	74
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	72
3	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	68
4	Indene, 1,1-dimethyl-1-sila-	160	C10H12Si	058310-24-0	64
5	Benzene, (1,3-dimethyl-2-butenyl)-	160	C12H16	050704-01-3	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

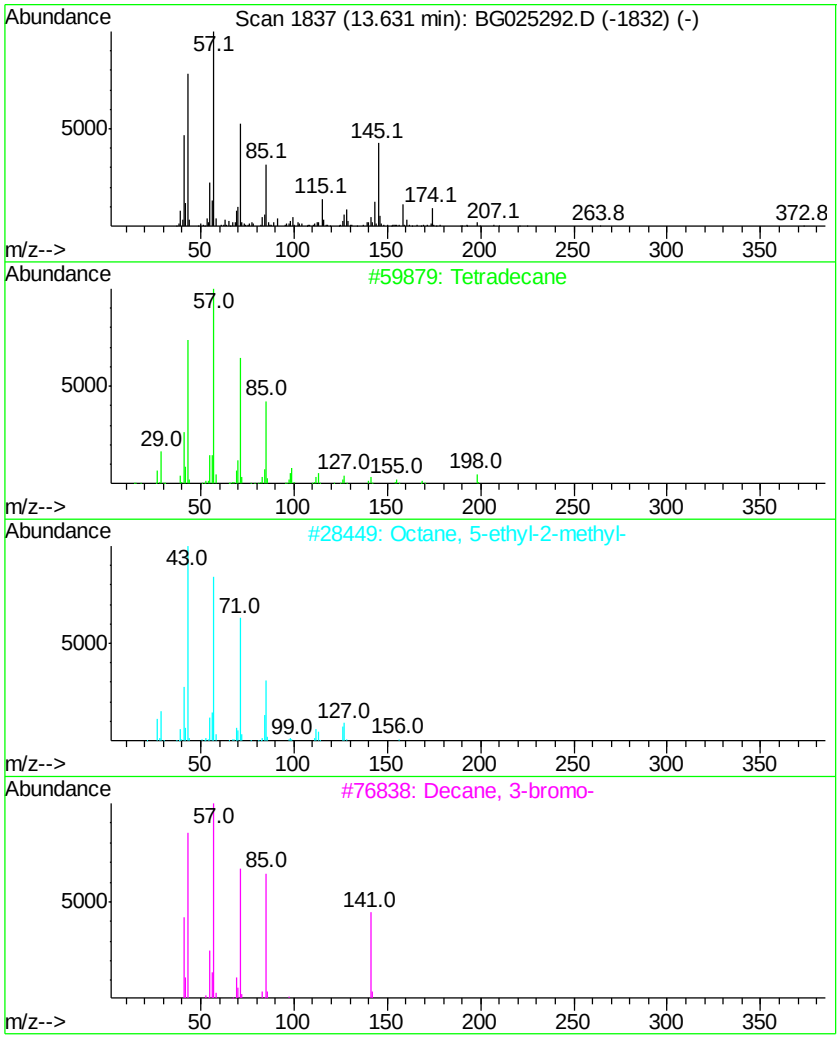
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

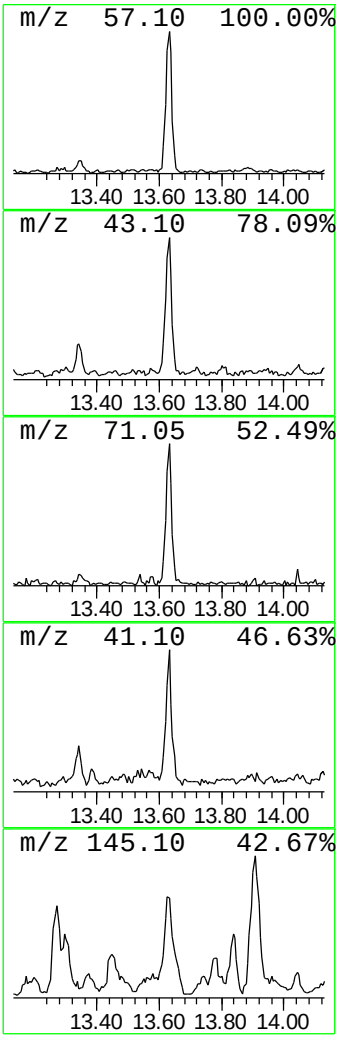
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	21.11 ng/ul	762148	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	45
2	Octane, 5-ethyl-2-methyl-	156	C11H24	062016-18-6	43
3	Decane, 3-bromo-	220	C10H21Br	030571-71-2	43
4	Hexadecane	226	C16H34	000544-76-3	43
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

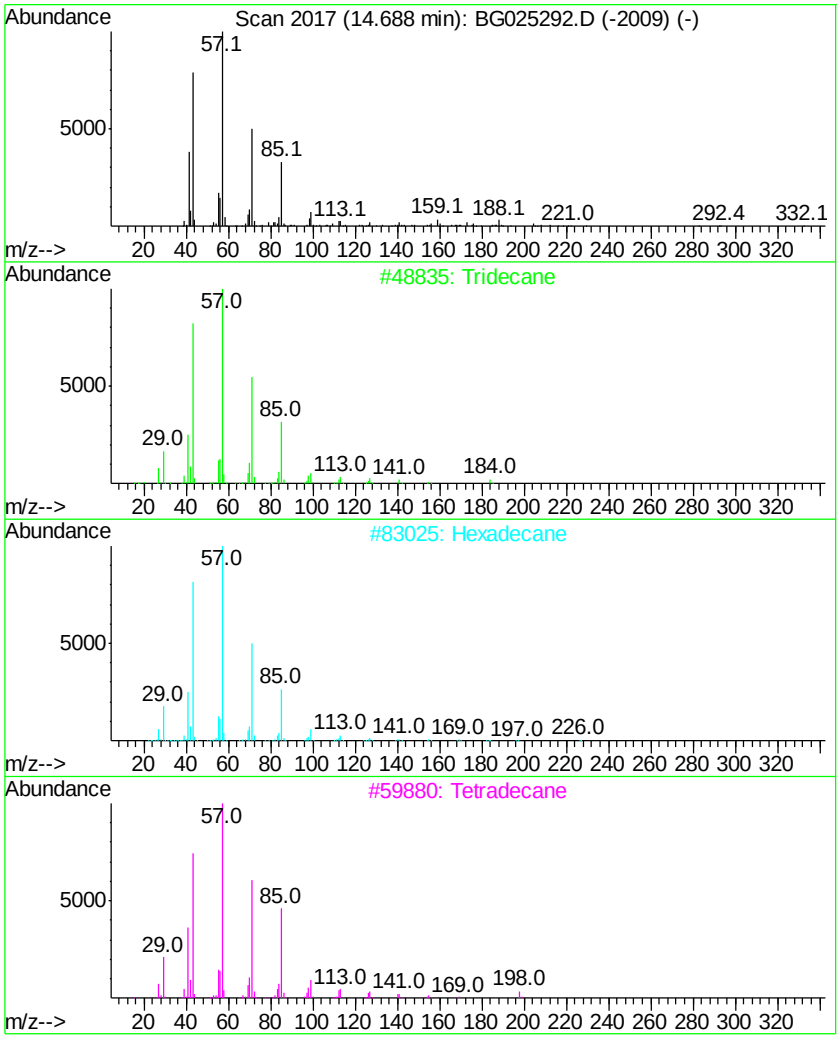
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

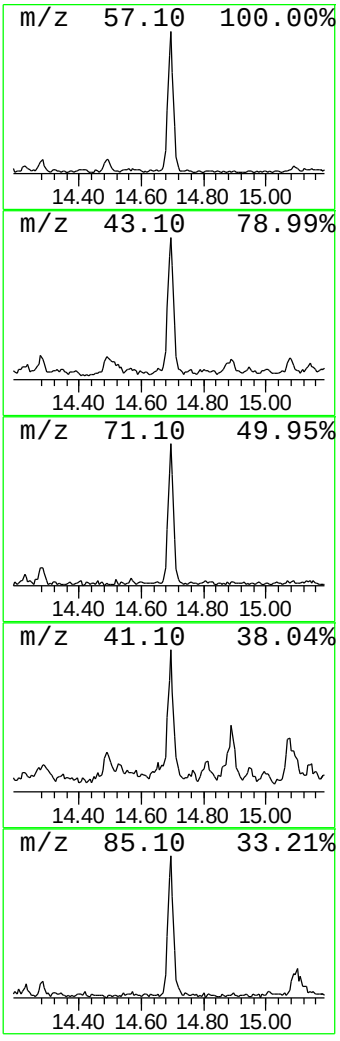
****

Peak Number 50 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	22.22 ng/ul	802122	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Tetradecane	198	C14H30	000629-59-4	86
4	Tetradecane	198	C14H30	000629-59-4	86
5	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

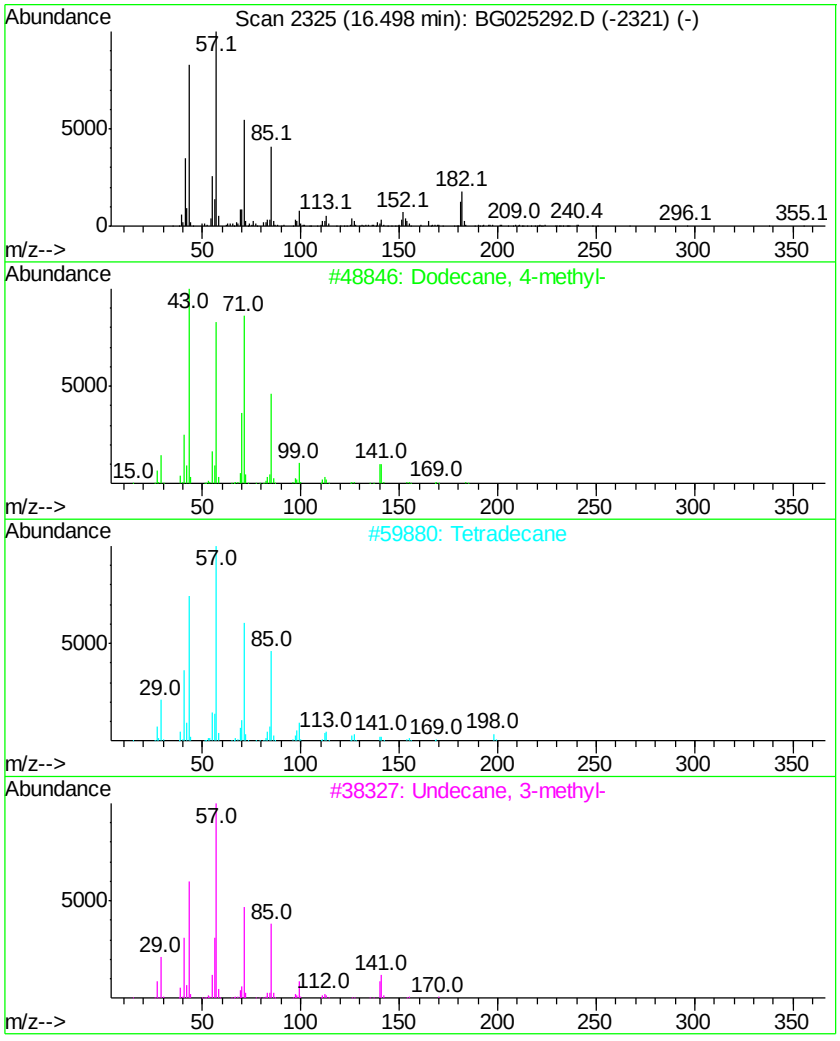
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

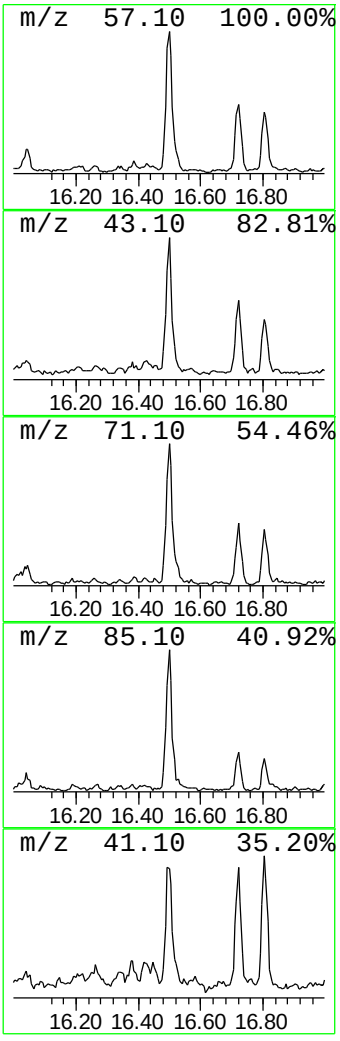
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	15.76 ng/ul	801585	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
2	Tetradecane	198	C14H30	000629-59-4	58
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	58
4	Decane, 5-propyl-	184	C13H28	017312-62-8	49
5	Eicosane, 3-methyl-	296	C21H44	006418-46-8	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

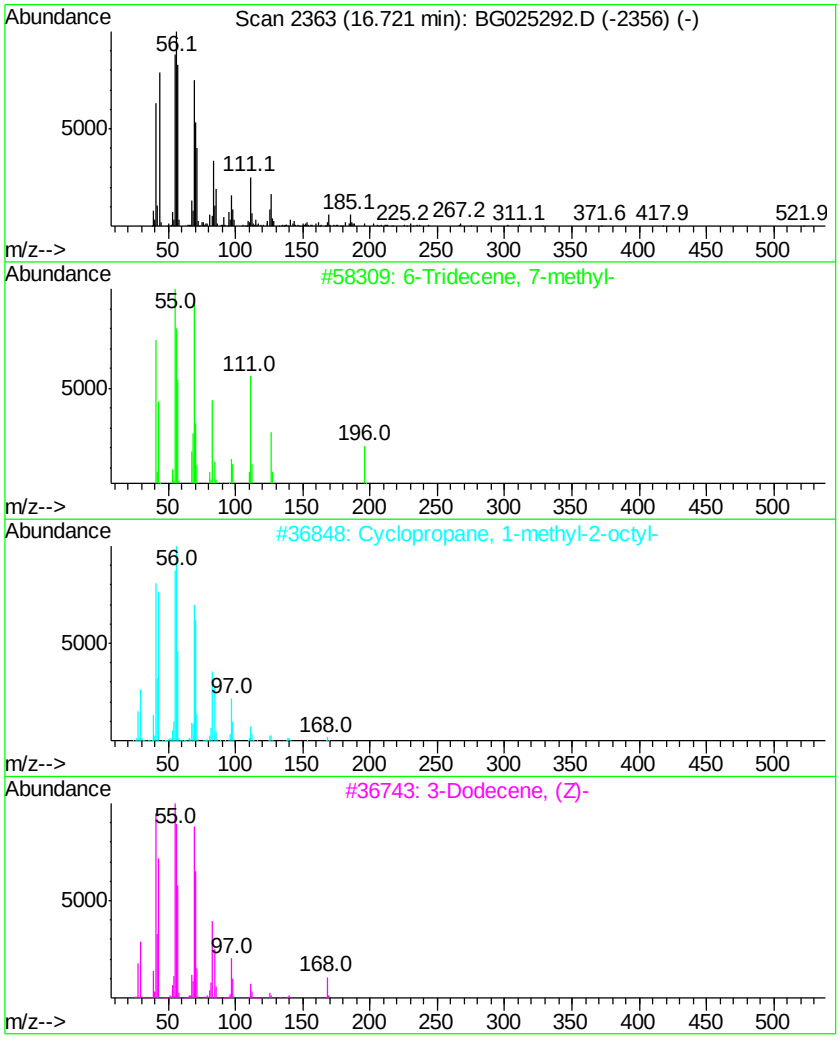
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

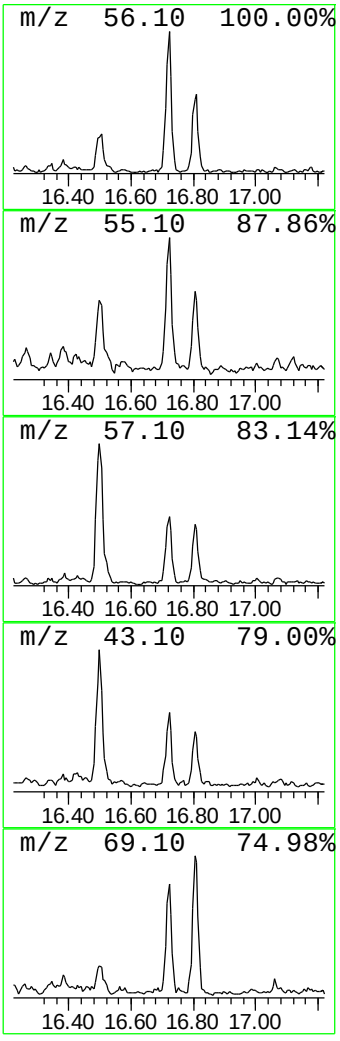
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 59 (DEL) Alkane: Cyclic16.72 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	17.48 ng/ul	889366	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6-Tridecene, 7-methyl-	196	C14H28	024949-42-6	76
2	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	58
3	3-Dodecene, (Z)-	168	C12H24	007239-23-8	58
4	Cyclopropane, 1-ethyl-2-heptyl-	168	C12H24	074663-86-8	53
5	2-Undecene, 7-methyl-	168	C12H24	1000061-83-0	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

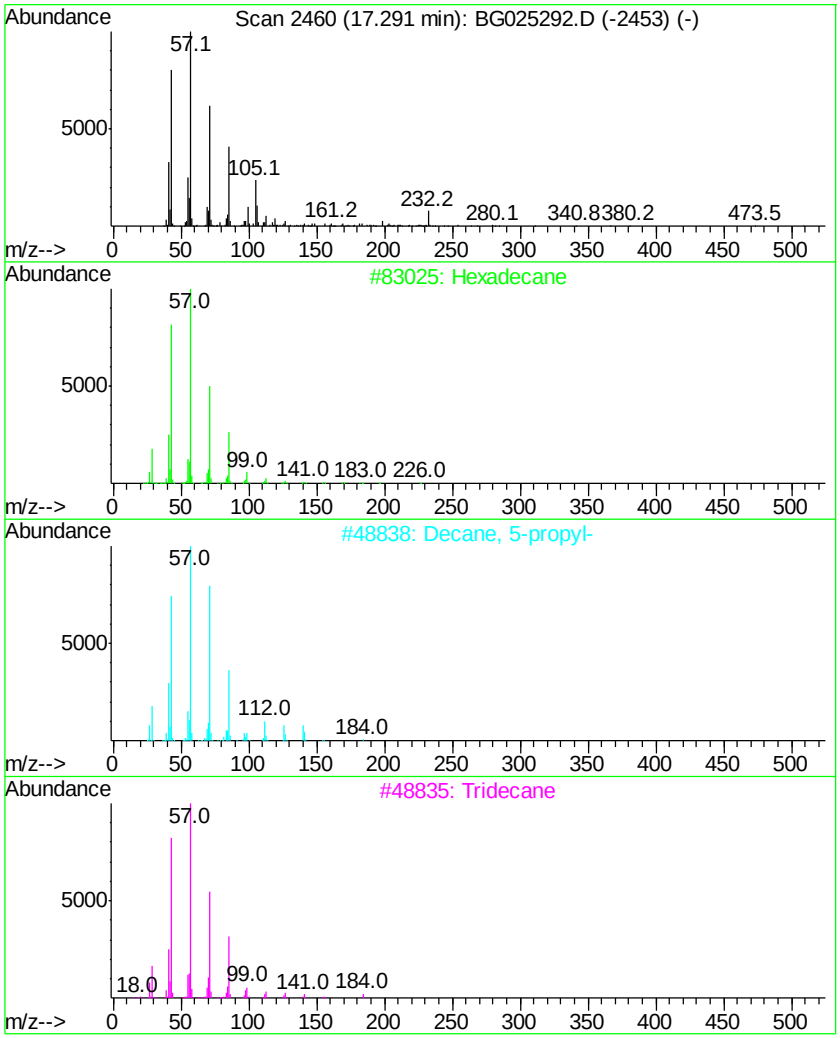
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

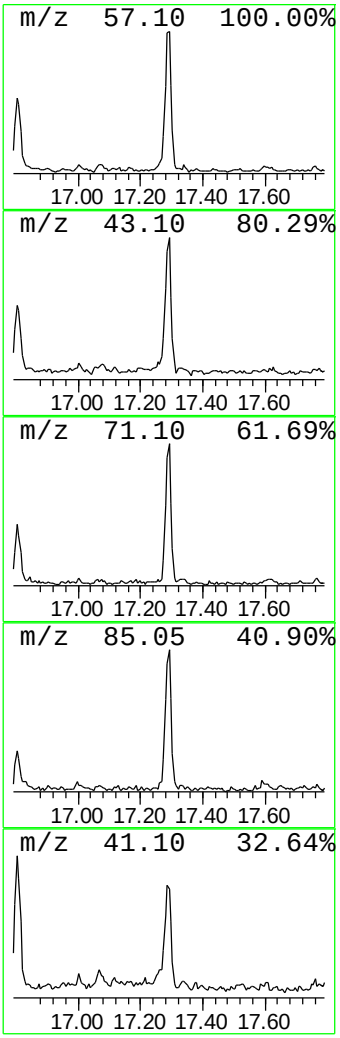
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	13.49 ng/ul	686150	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Decane, 5-propyl-	184	C13H28	017312-62-8	52
3	Tridecane	184	C13H28	000629-50-5	52
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	49
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

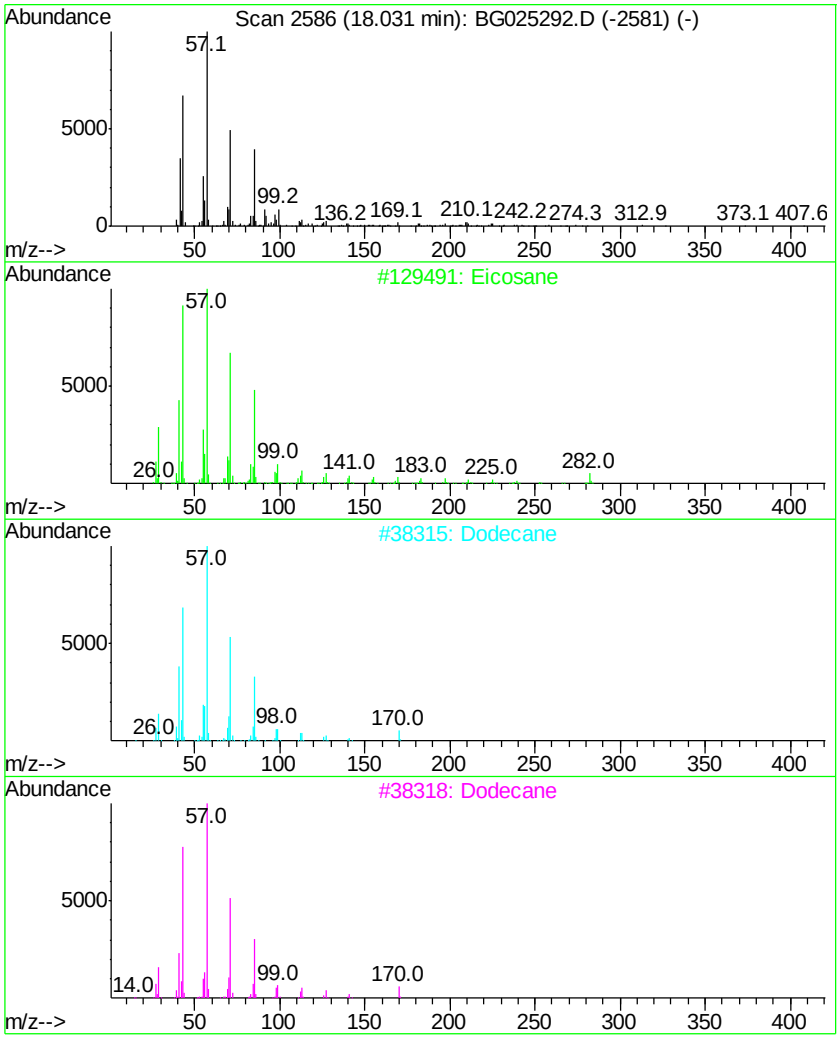
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

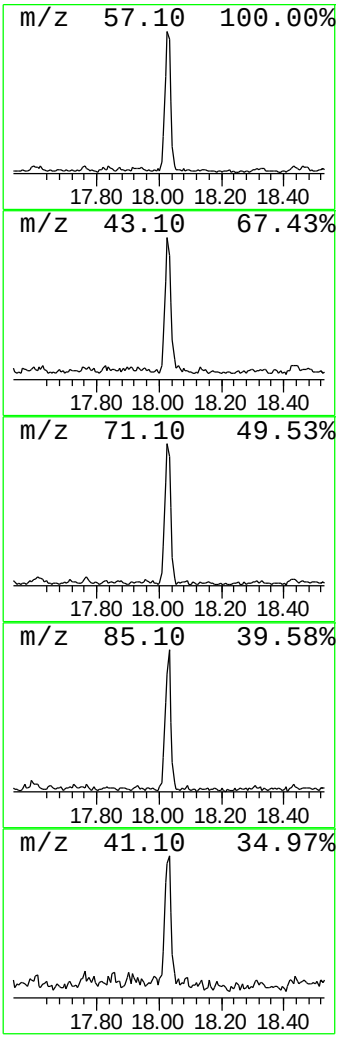
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	13.45 ng/ul	684189	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	94
2	Dodecane	170	C12H26	000112-40-3	90
3	Dodecane	170	C12H26	000112-40-3	83
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	83
5	Nonadecane	268	C19H40	000629-92-5	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

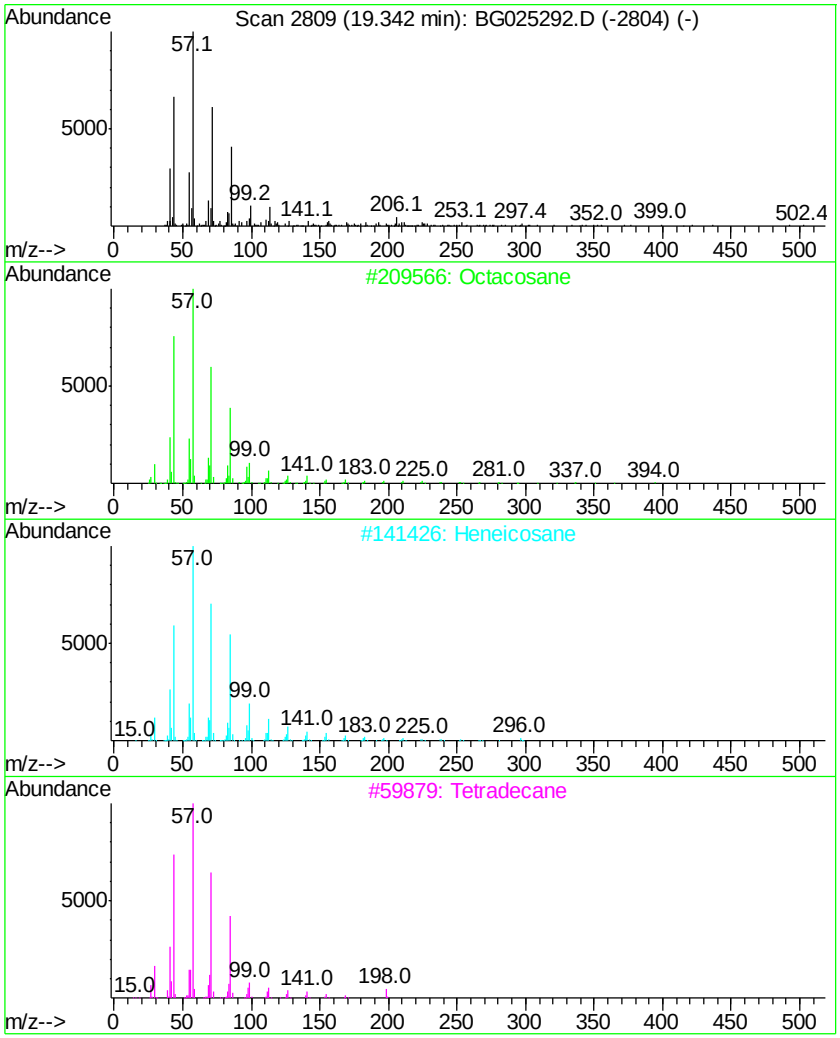
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

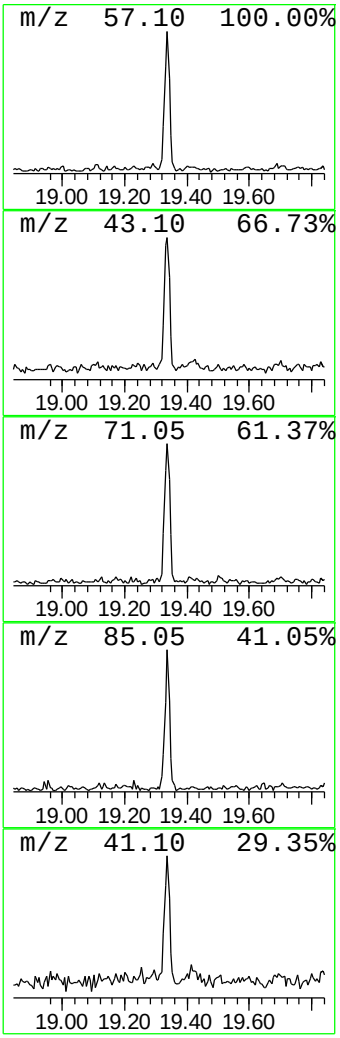
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 69 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	6.02 ng/ul	306130	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	91
2	Heneicosane	296	C21H44	000629-94-7	90
3	Tetradecane	198	C14H30	000629-59-4	87
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	83
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

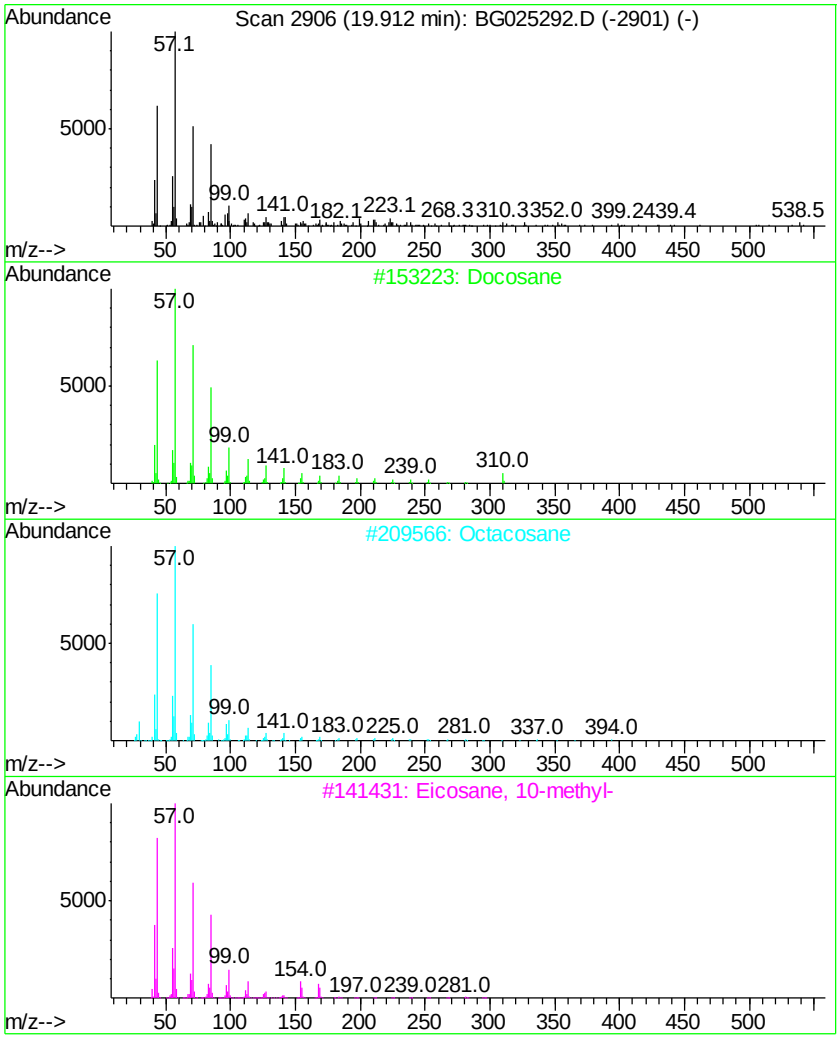
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

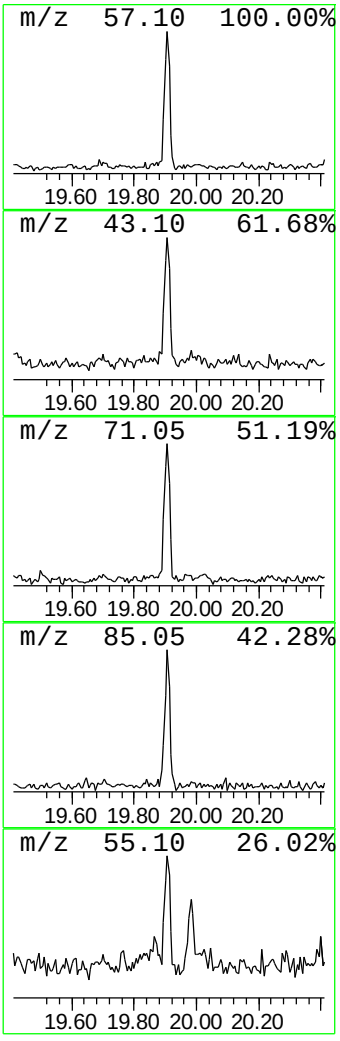
****

Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	3.11 ng/ul	244443	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	83
2	Octacosane	394	C28H58	000630-02-4	80
3	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72
4	Octadecane	254	C18H38	000593-45-3	64
5	Octadecane	254	C18H38	000593-45-3	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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

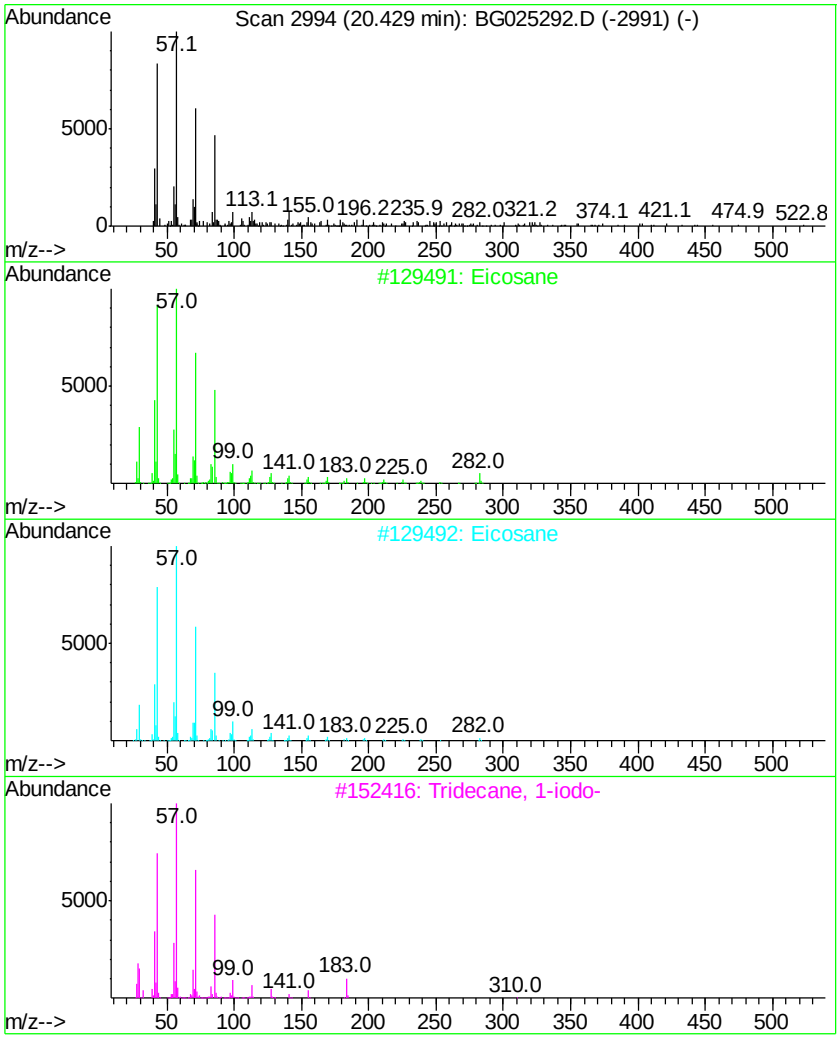
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

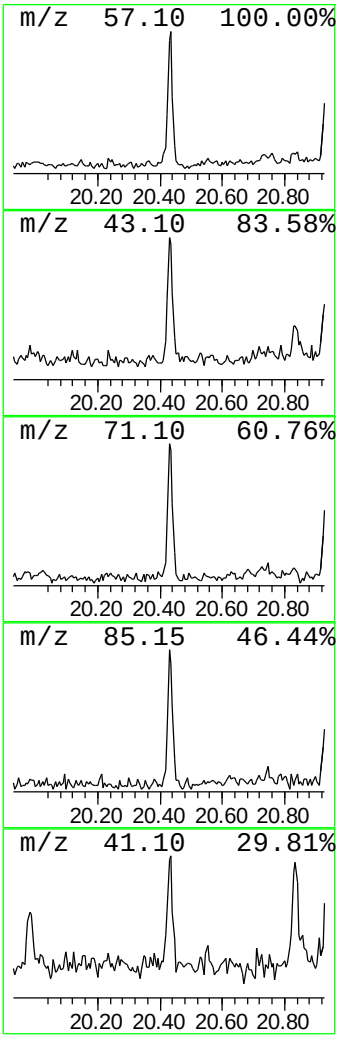
****

Peak Number 71 (DEL) Alkane: Branched20.43 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.19 ng/ul	172055	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Eicosane	282	C20H42	000112-95-8	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Tricosane	324	C23H48	000638-67-5	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025292.D
Acq On : 18 Dec 2016 2:42
Operator : UM/SJ
Sample : H5938-18DL 2X
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA840DL

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-ethyl-...	7.29	7.5	ng/ul	198261	1	8.23	525964	20.0
Benzene, 1,2,4-tr...	7.60	5.7	ng/ul	150460	1	8.23	525964	20.0
Mesitylene	7.86	13.2	ng/ul	346952	1	8.23	525964	20.0
Benzene, 1,4-diet...	8.34	9.6	ng/ul	251432	1	8.23	525964	20.0
Benzene, (2-methy...	8.86	12.6	ng/ul	332446	1	8.23	525964	20.0
Benzene, 1-methyl...	9.02	6.0	ng/ul	158998	1	8.23	525964	20.0
Benzene, 1-ethyl-...	9.32	9.5	ng/ul	249238	1	8.23	525964	20.0
Benzofuran, 7-met...	9.71	10.0	ng/ul	283768	2	11.06	566775	20.0
Benzofuran, 2-met...	9.78	17.4	ng/ul	492090	2	11.06	566775	20.0
Indan, 1-methyl-	10.29	6.8	ng/ul	192641	2	11.06	566775	20.0
Benzene, 1-methyl...	10.45	30.5	ng/ul	865378	2	11.06	566775	20.0
1H-Indene, 1-methyl-	10.56	8.3	ng/ul	234931	2	11.06	566775	20.0
Benzene, 1-methyl...	10.60	6.0	ng/ul	171185	2	11.06	566775	20.0
(DEL) Alkane: Str...	10.98	17.1	ng/ul	485614	2	11.06	566775	20.0
2-(2-Hydroxypheny...	11.24	14.5	ng/ul	409969	2	11.06	566775	20.0
1H-Benzimidazole,...	11.29	48.9	ng/ul	1385540	2	11.06	566775	20.0
Benzofuran, 4,7-d...	11.46	67.0	ng/ul	1897820	2	11.06	566775	20.0
3-Buten-2-one, 4-...	11.53	18.8	ng/ul	531839	2	11.06	566775	20.0
Benzene, (1-ethyl...	11.70	7.6	ng/ul	215744	2	11.06	566775	20.0
Benzene, 2-etheny...	11.81	6.8	ng/ul	192157	2	11.06	566775	20.0
1H-Indene, 2,3-di...	11.95	5.9	ng/ul	167155	2	11.06	566775	20.0
Benzene, hexyl-	12.00	9.9	ng/ul	281206	2	11.06	566775	20.0
unknown-01	12.09	12.3	ng/ul	349107	2	11.06	566775	20.0
1H-Indene, 1,3-di...	12.14	10.4	ng/ul	296085	2	11.06	566775	20.0
(1-Methylbuta-1,3...	12.26	16.2	ng/ul	459445	2	11.06	566775	20.0
Ethanone, 1-[4-(1...	12.36	11.8	ng/ul	333108	2	11.06	566775	20.0
(DEL) Alkane: Str...	12.41	18.3	ng/ul	518462	2	11.06	566775	20.0
1H-Indene, 2,3-di...	12.51	9.8	ng/ul	276830	2	11.06	566775	20.0
(DEL) Alkane: Str...	13.63	21.1	ng/ul	762148	3	14.85	722070	20.0
(DEL) Alkane: Str...	14.69	22.2	ng/ul	802122	3	14.85	722070	20.0
(DEL) Alkane: Str...	16.50	15.8	ng/ul	801585	4	17.60	1017380	20.0
(DEL) Alkane: Cyc...	16.72	17.5	ng/ul	889366	4	17.60	1017380	20.0
(DEL) Alkane: Str...	17.29	13.5	ng/ul	686150	4	17.60	1017380	20.0
(DEL) Alkane: Str...	18.03	13.4	ng/ul	684189	4	17.60	1017380	20.0
(DEL) Alkane: Str...	19.34	6.0	ng/ul	306130	4	17.60	1017380	20.0
(DEL) Alkane: Str...	19.91	3.1	ng/ul	244443	5	21.90	1572490	20.0
(DEL) Alkane: Bra...	20.43	2.2	ng/ul	172055	5	21.90	1572490	20.0