LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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	751	758	763	rBV4	27332	50616	3.19%	0.164%
2	7.426	773	781	790	rVV6	20528	61358	3.86%	0.198%
3	7.861	850	855	864	rVB3	51274	96099	6.05%	0.311%
4	8.231	910	918	930	rBV2	251068	475232	29.93%	1.536%
5	8.337	930	936	943	rBV5	36699	67141	4.23%	0.217%
6	8.860	1015	1025	1034	rBV4	42252	99096	6.24%	0.320%
7	9.024	1047	1053	1061	rVB5	32490	61870	3.90%	0.200%
8	9.330	1095	1105	1114	rBV8	29606	69912	4.40%	0.226%
9	9.418	1114	1120	1128	rVB4	88591	159494	10.05%	0.515%
10	9.594	1141	1150	1157	rVB5	27492	59623	3.76%	0.193%
11	9.711	1164	1170	1176	rVV3	55556	123506	7.78%	0.399%
12	9.782	1176	1182	1190	rVB	122388	208778	13.15%	0.675%
13	10.223	1252	1257	1265	rBV9	32339	92319	5.81%	0.298%
14	10.287	1265	1268	1277	rVB4	29387	56217	3.54%	0.182%
15	10.446	1286	1295	1296	rBV3	69706	120789	7.61%	0.390%
16	10.552	1307	1313	1319	rVV6	32893	74265	4.68%	0.240%
17	10.681	1328	1335	1349	rBV7	87889	197241	12.42%	0.637%
18	10.887	1362	1370	1378	rBV10	39908	101248	6.38%	0.327%
19	10.981	1378	1386	1393	rVV5	76325	241368	15.20%	0.780%
20	11.057	1393	1399	1404	rVV	368318	718521	45.26%	2.322%
21	11.110	1404	1408	1418	rVV2	264244	518861	32.68%	1.677%
22	11.233	1418	1429	1433	rVV8	86368	311827	19.64%	1.008%
23	11.286	1433	1438	1453	rVB2	262470	887805	55.92%	2.869%
24	11.415	1453	1460	1463	rBV2	298389	535856	33.75%	1.732%
25	11.462	1463	1468	1474	rVV	596414	1158343	72.96%	3.743%
26	11.527	1474	1479	1485	rVB2	193910	337495	21.26%	1.091%
27	11.639	1493	1498	1504	rVV6	49660	102161	6.43%	0.330%
28	11.703	1504	1509	1518	rVB10	35278	87311	5.50%	0.282%
29	11.809	1521	1527	1533	rBV4	65529	130435	8.22%	0.421%
30	11.880	1533	1539	1546	rBV7	41049	93566	5.89%	0.302%
31	11.950	1546	1551	1555	rBV3	52036	105175	6.62%	0.340%
32	11.991	1556	1558	1564	rVB2	58840	98080	6.18%	0.317%
33	12.085	1564	1574	1577	rBV8	82169	266426	16.78%	0.861%
34	12.138	1578	1583	1587	rVB2	86506	151624	9.55%	0.490%

LSC Area Percent Report

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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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	12.185	1587	1591	1598	rBV3	84960	197767	12.46%	0.639%
36	12.256	1599	1603	1609	rVB	161987	289468	18.23%	0.935%
37	12.361	1609	1621	1625	rBV3	81097	199862	12.59%	0.646%
38	12.408	1625	1629	1640	rVB5	104557	219943	13.85%	0.711%
39	12.508	1641	1646	1652	rBV	65469	156815	9.88%	0.507%
40	12.573	1652	1657	1667	rVB5	136430	414923	26.13%	1.341%
41	12.696	1672	1678	1682	rBV	665143	1156716	72.86%	3.738%
42	12.737	1683	1685	1688	rVB	235446	252440	15.90%	0.816%
43	12.773	1689	1691	1696	rVV3	161790	310043	19.53%	1.002%
44	12.855	1696	1705	1711	rVB5	212856	718474	45.25%	2.322%
45	12.914	1711	1715	1722	rVB	406474	688262	43.35%	2.224%
46	13.002	1722	1730	1740	rBV	221267	539893	34.01%	1.745%
47	13.090	1740	1745	1749	rBV5	116284	208713	13.15%	0.674%
48	13.201	1760	1764	1769	rBV8	56015	85157	5.36%	0.275%
49	13.266	1770	1775	1779	rBV5	101013	187469	11.81%	0.606%
50	13.342	1784	1788	1792	rBV2	107502	177456	11.18%	0.573%
51	13.390	1792	1796	1801	rVB4	111064	194111	12.23%	0.627%
52	13.448	1802	1806	1809	rBV4	58229	85114	5.36%	0.275%
53	13.578	1816	1828	1832	rBV3	131016	338156	21.30%	1.093%
54	13.630	1832	1837	1843	rVB4	202202	359506	22.64%	1.162%
55	13.683	1843	1846	1850	rBV	89397	133177	8.39%	0.430%
56	13.801	1859	1866	1869	rBV4	98424	222272	14.00%	0.718%
57	13.883	1876	1880	1888	rVB5	137430	330463	20.81%	1.068%
58	14.036	1896	1906	1918	rVB4	212684	642874	40.49%	2.077%
59	14.171	1918	1929	1935	rBV3	288263	723724	45.59%	2.339%
60	14.230	1935	1939	1946	rVB3	285200	454191	28.61%	1.468%
61	14.341	1954	1958	1961	rBV6	39594	59388	3.74%	0.192%
62	14.412	1966	1970	1975	rBV3	75949	105125	6.62%	0.340%
63	14.488	1980	1983	1986	rVB2	114878	129067	8.13%	0.417%
64	14.529	1987	1990	1994	rBV3	84807	173506	10.93%	0.561%
65	14.694	2013	2018	2025	rVB	285105	400451	25.22%	1.294%
66	14.811	2032	2038	2041	rBV2	242998	395400	24.91%	1.278%
67	14.858	2041	2046	2055	rVB2	552416	1161062	73.13%	3.752%
68	15.070	2074	2082	2089	rBV4	175071	320471	20.19%	1.036%
69	15.146	2089	2095	2099	rVB	118026	202391	12.75%	0.654%
70	15.240	2107	2111	2118	rVB5	78735	141422	8.91%	0.457%
71	15.352	2128	2130	2134	rVB2	85034	96112	6.05%	0.311%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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	2143	2148	2152	rBV4	71916	126073	7.94%	0.407%
73	15.511	2152	2157	2165	rVB3	139396	278668	17.55%	0.900%
74	15.610	2166	2174	2176	rVV	218682	437482	27.56%	1.414%
75	15.640	2176	2179	2191	rVB	419182	668511	42.11%	2.160%
76	15.769	2192	2201	2203	rBV5	30356	85417	5.38%	0.276%
77	15.845	2210	2214	2216	rBV4	48454	74040	4.66%	0.239%
78	15.881	2216	2220	2231	rVB7	153420	351766	22.16%	1.137%
79	16.445	2309	2316	2321	rVB8	81014	185881	11.71%	0.601%
80	16.498	2321	2325	2329	rBV	386121	504584	31.78%	1.631%
81	16.539	2330	2332	2342	rVB6	98358	156267	9.84%	0.505%
82	16.721	2357	2363	2371	rVB5	173443	270198	17.02%	0.873%
83	16.809	2373	2378	2386	rVB3	131788	196618	12.38%	0.635%
84	16.885	2386	2391	2397	rBV8	47730	111741	7.04%	0.361%
85	16.950	2398	2402	2407	rVV7	29448	49297	3.11%	0.159%
86	17.120	2428	2431	2438	rVB7	33378	56649	3.57%	0.183%
87	17.244	2449	2452	2455	rBV5	43747	68773	4.33%	0.222%
88	17.285	2455	2459	2471	rVB	337243	543294	34.22%	1.756%
89	17.432	2481	2484	2490	rVB5	54661	76275	4.80%	0.246%
90	17.602	2505	2513	2524	rVB2	734922	1212966	76.40%	3.920%
91	17.696	2524	2529	2536	rVB	50645	94564	5.96%	0.306%
92	17.773	2536	2542	2548	rBV3	83924	173909	10.95%	0.562%
93	18.025	2581	2585	2597	rVB	305138	471364	29.69%	1.523%
94	18.713	2698	2702	2715	rVB	231990	324157	20.42%	1.047%
95	19.335	2804	2808	2817	rVB	200734	275591	17.36%	0.891%
96	19.905	2897	2905	2911	rBV2	162312	277380	17.47%	0.896%
97	19.976	2913	2917	2923	rBV3	130973	215678	13.58%	0.697%
98	20.428	2992	2994	3002	rVB	119656	144838	9.12%	0.468%
99	21.891	3237	3243	3254	rVB	857301	1587621	100.00%	5.130%
100	25.317	3817	3826	3842	rVB	471140	1535585	96.72%	4.962%

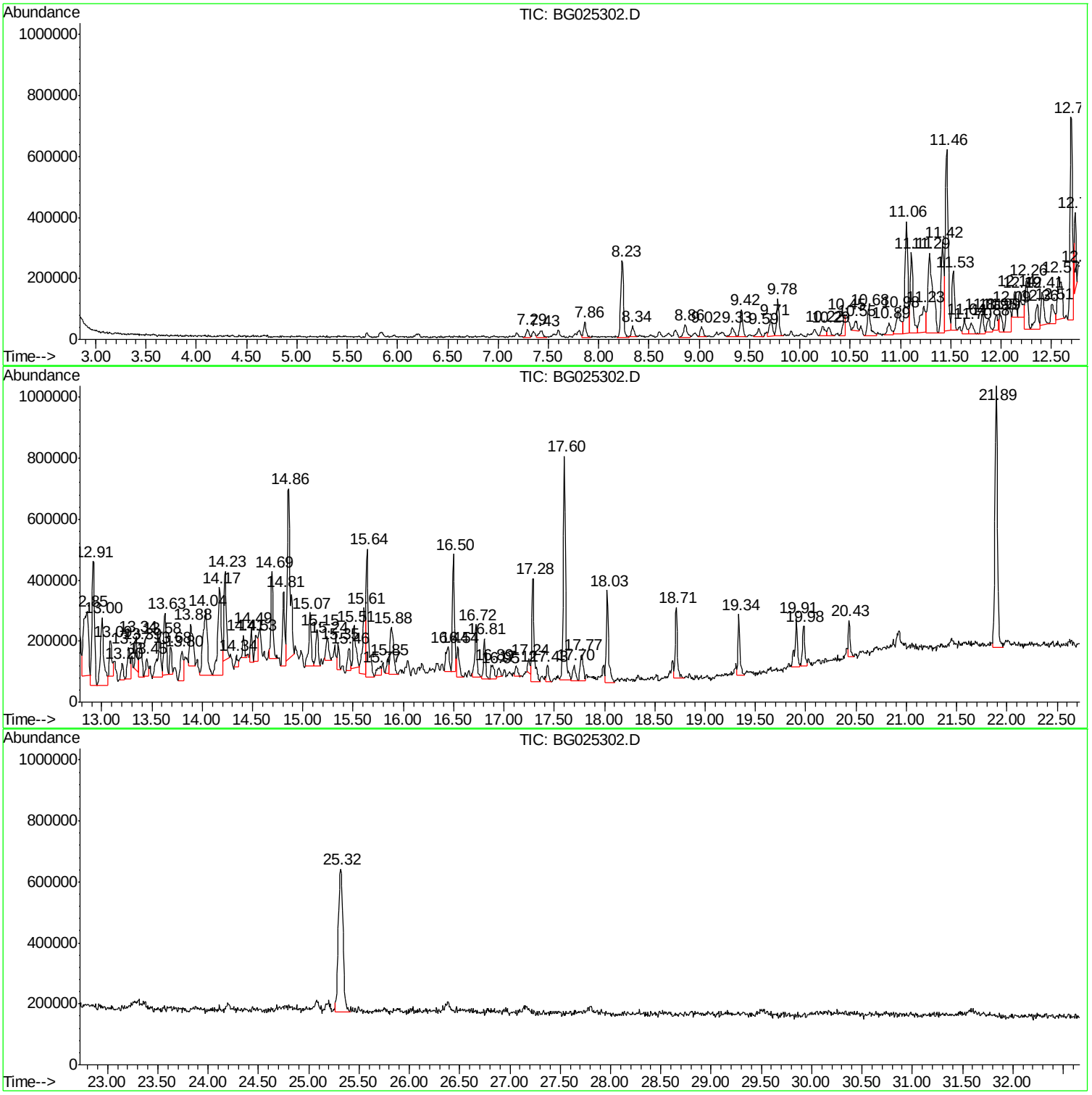
Sum of corrected areas: 30946229

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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 : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

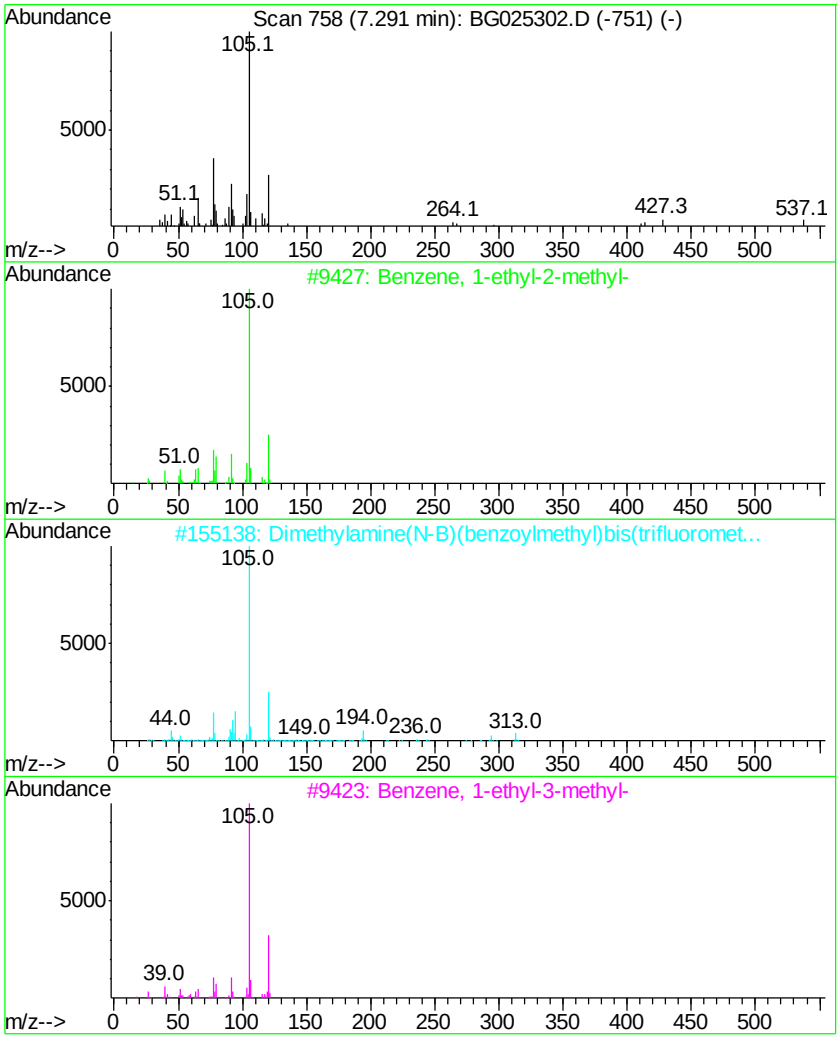
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

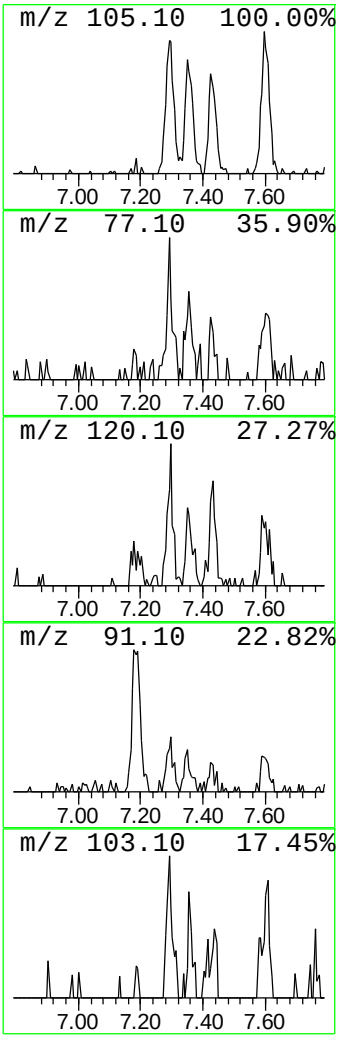
****

Peak Number 1 Benzene, 1-ethyl-2-methyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	2.13 ng/ul	50616	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	50
2	Dimethylamine(N-B)(benzoylmethyl...	313	C12H14BF6NO	1000160-34-9	47
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	47
4	2,4-Nonadiyne	120	C9H12	063621-15-8	47
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

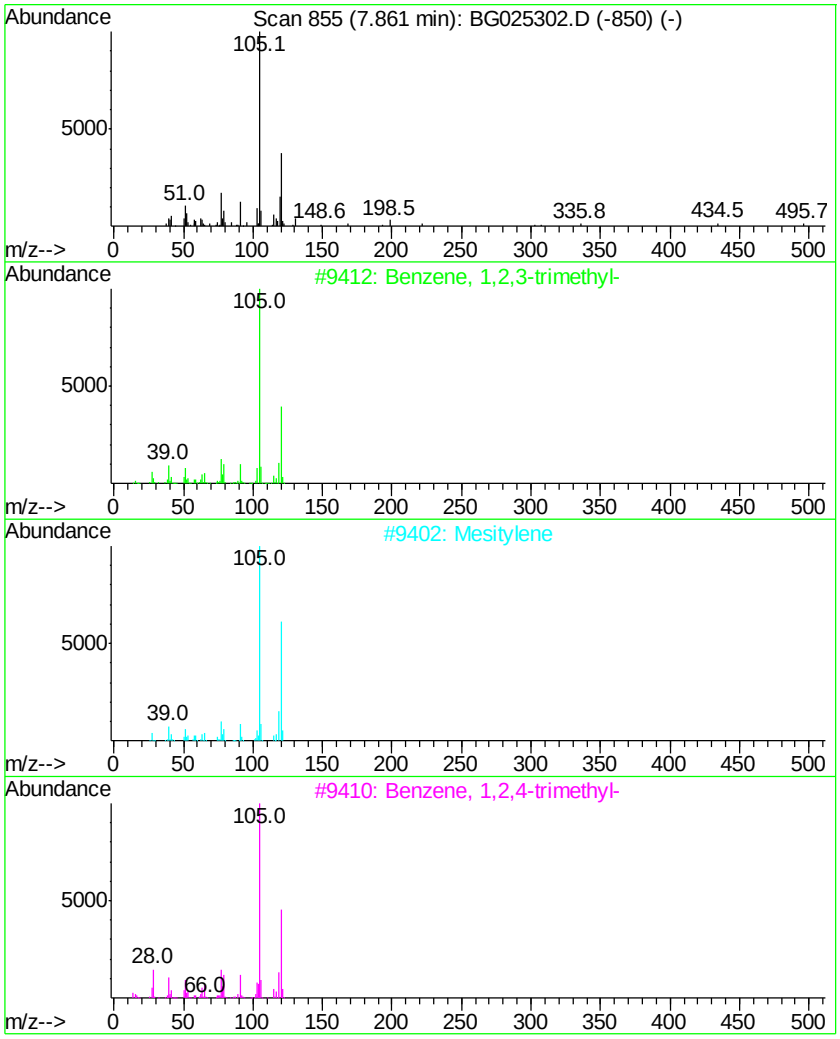
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

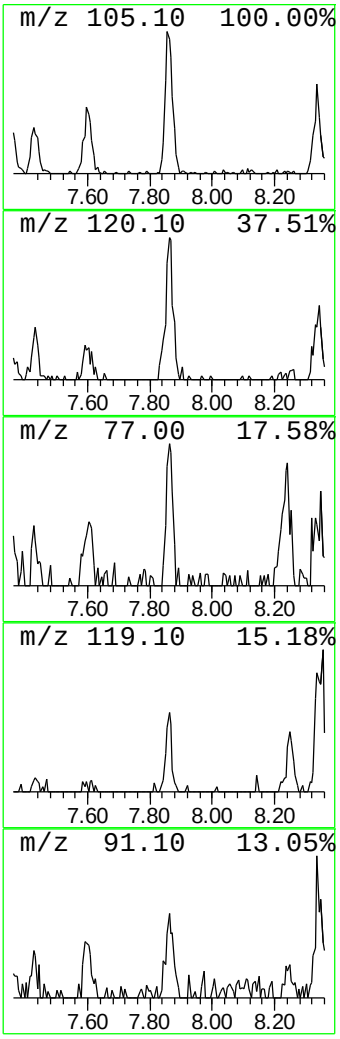
****

Peak Number 2 Benzene, 1,2,3-trimethyl- Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	4.04 ng/ul	96099	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	76
2	Mesitylene	120	C9H12	000108-67-8	76
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	76
4	Mesitylene	120	C9H12	000108-67-8	76
5	Mesitylene	120	C9H12	000108-67-8	68





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

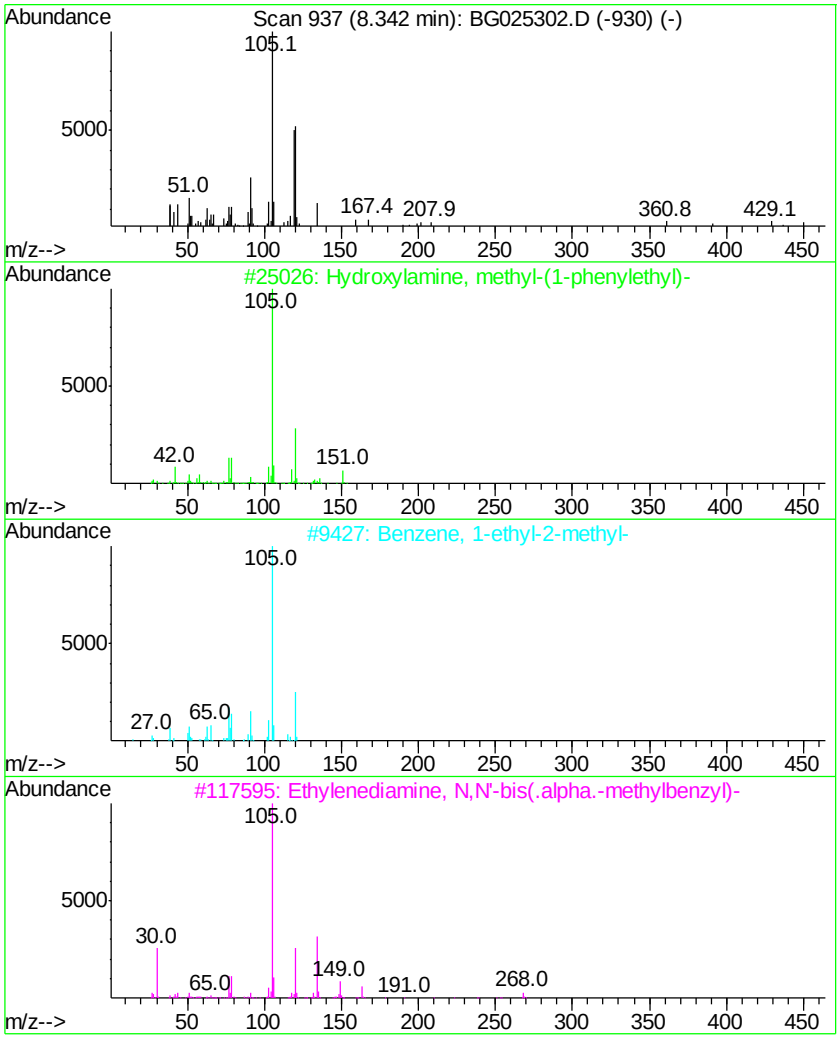
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

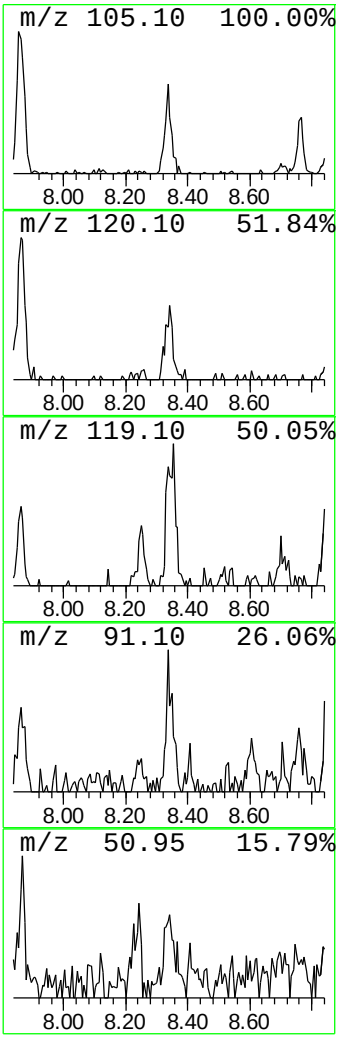
****

Peak Number 3 unknown-01 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	2.83 ng/ul	67141	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydroxylamine, methyl-(1-phenyle...	151	C9H13NO	1000164-80-4	43
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	43
3	Ethylenediamine, N,N'-bis(.alpha...	268	C18H24N2	006280-75-7	38
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	38
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

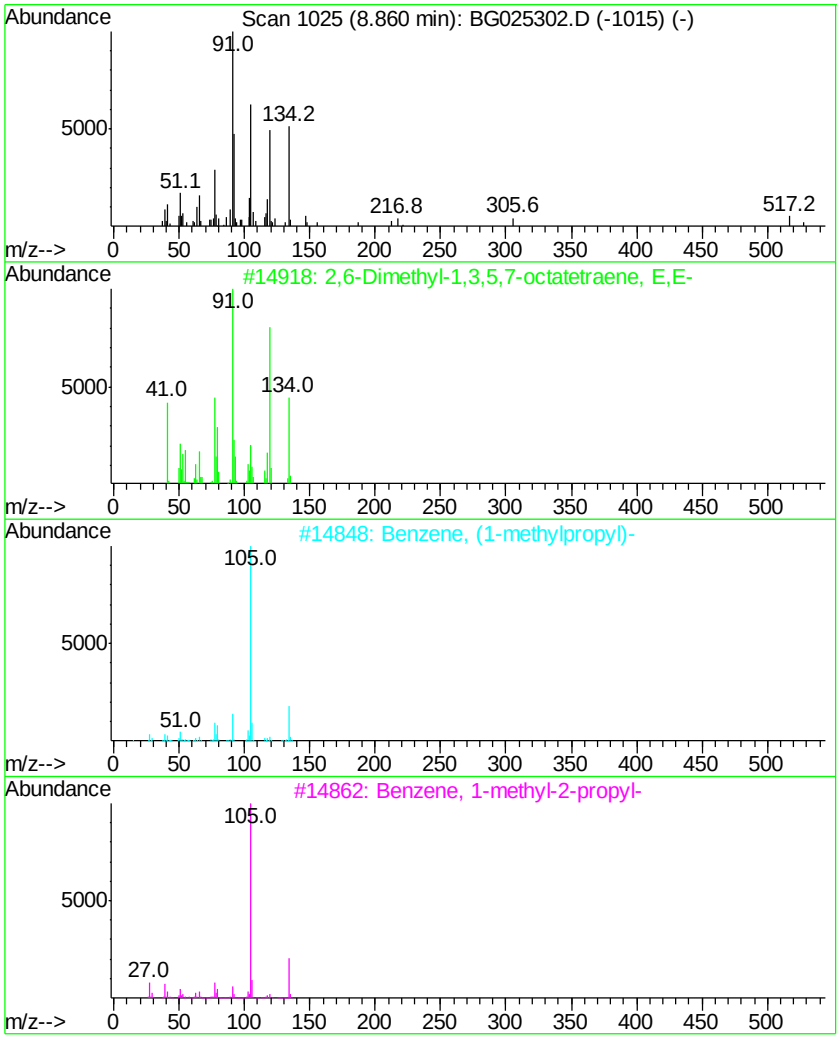
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

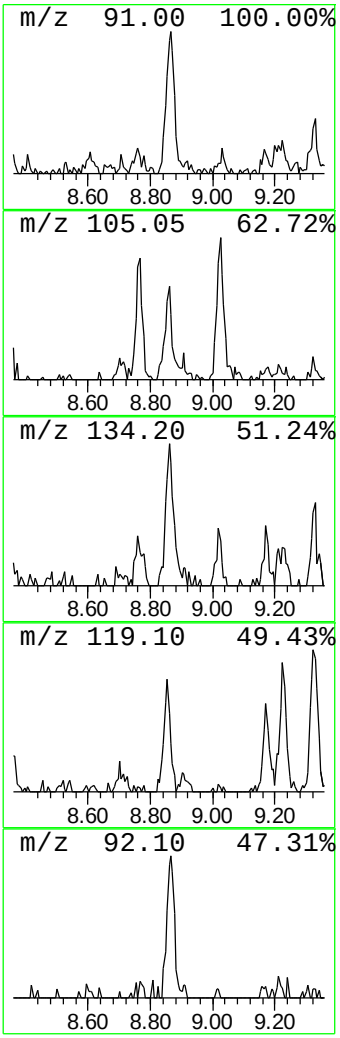
****

Peak Number 4 unknown-02 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	4.17 ng/ul	99096	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,6-Dimethyl-1,3,5,7-octatetraen...	134	C10H14	000460-01-5	38
2	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	35
3	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	35
4	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	30
5	Benzene, (1-methylpropyl)-	134	C10H14	000135-98-8	27





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

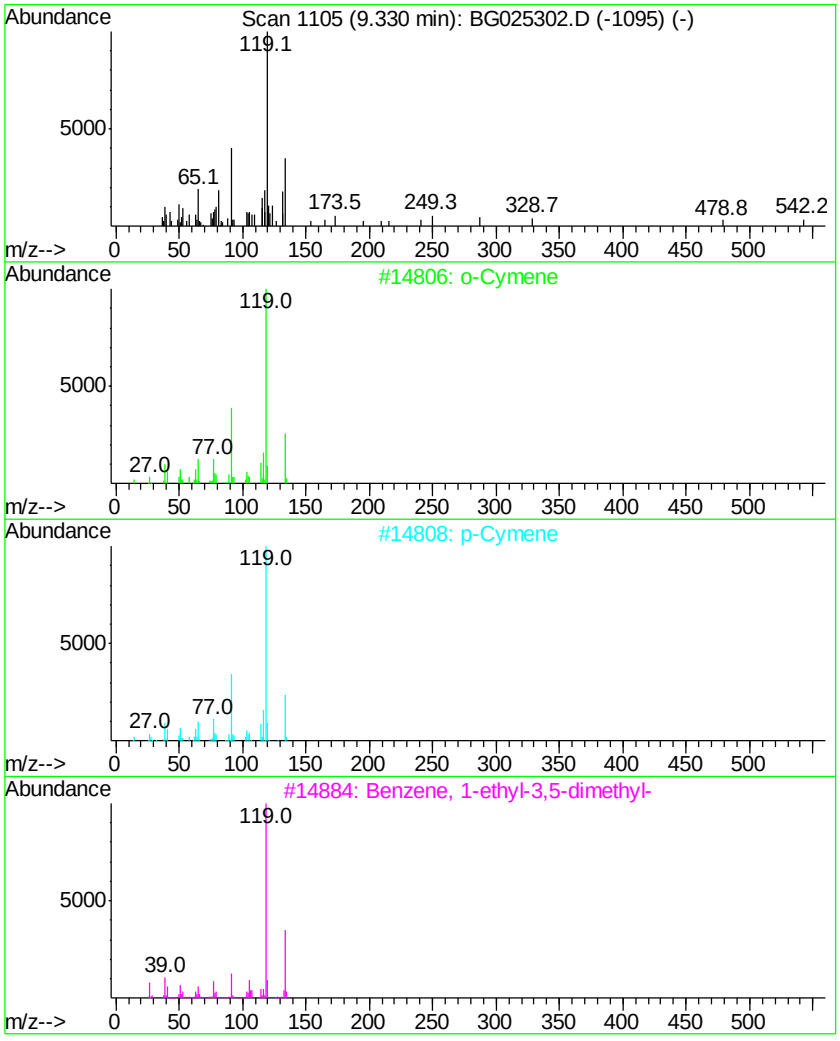
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

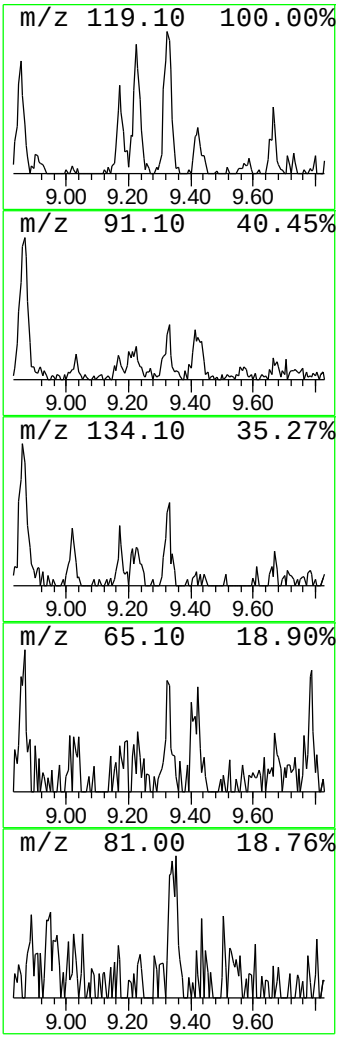
****

Peak Number 5 o-Cymene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	2.94 ng/ul	69912	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Cymene	134	C10H14	000527-84-4	64
2	p-Cymene	134	C10H14	000099-87-6	58
3	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	52
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	52
5	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	52





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Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

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

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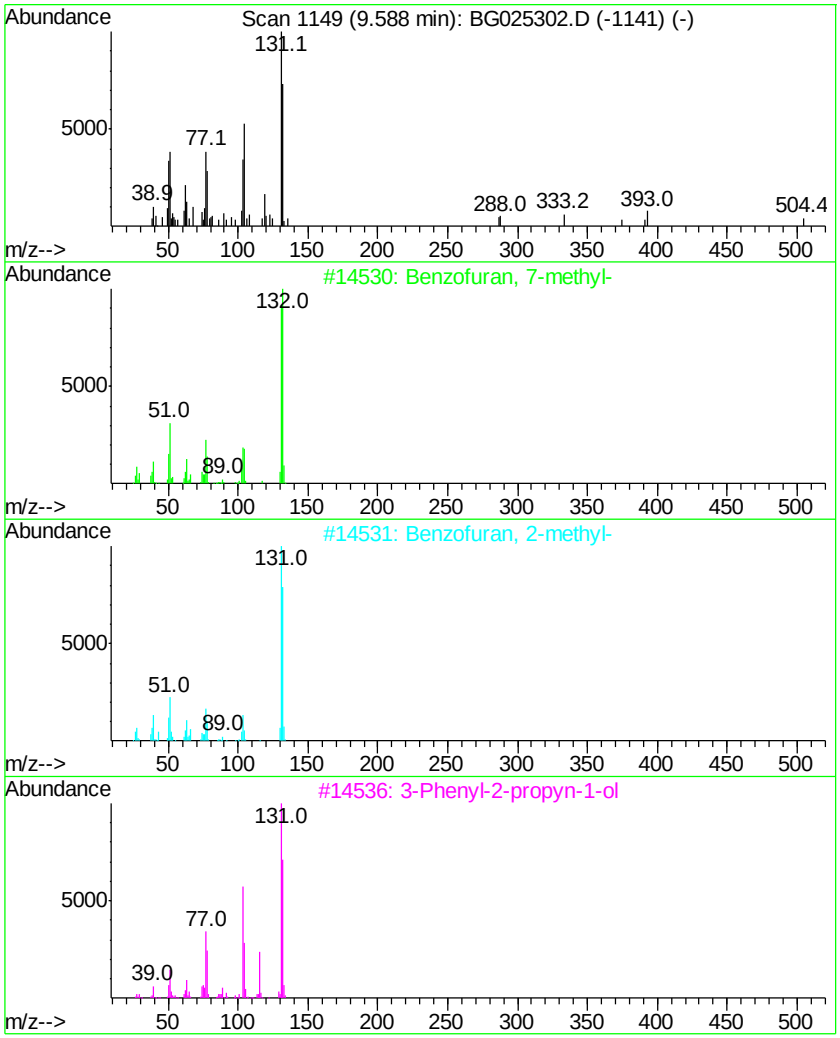
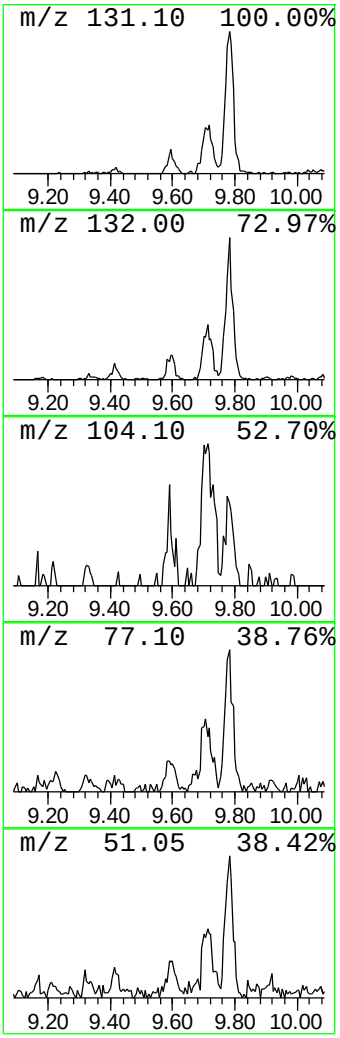
Peak Number 6 Benzofuran, 7-methyl- Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	2.51 ng/ul	59623	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





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Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

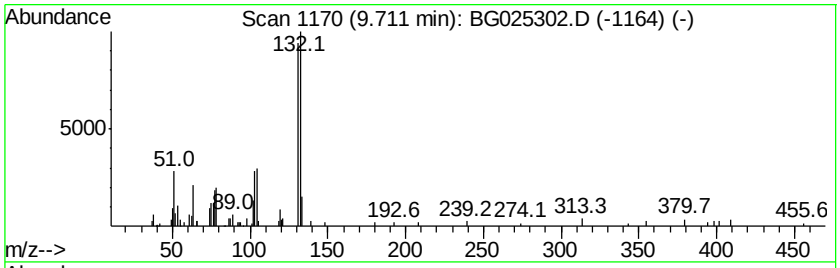
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

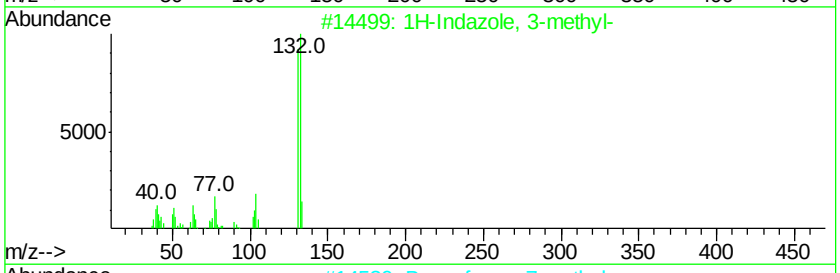
****

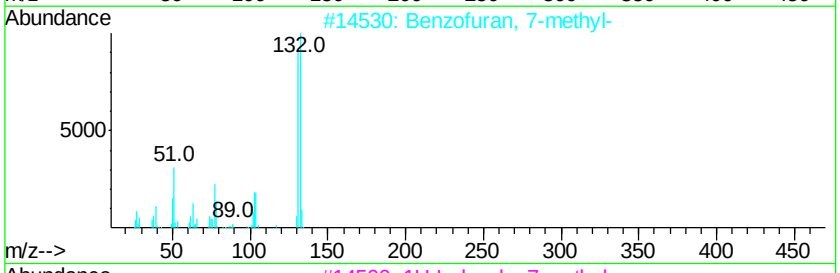
Peak Number 7 1H-Indazole, 3-methyl- Concentration Rank 43

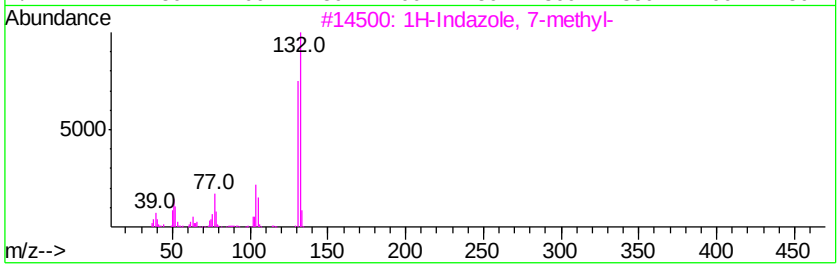
R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	3.44 ng/ul	123506	Naphthalene-d8	11.06

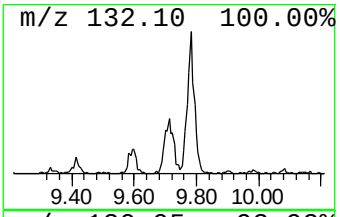
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	90
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90
3	1H-Indazole, 7-methyl-	132	C8H8N2	1000316-00-7	80
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	72
5	Benzenemethanol, .alpha.-ethynyl-	132	C9H8O	004187-87-5	72

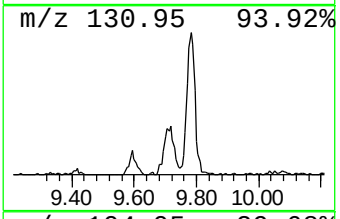


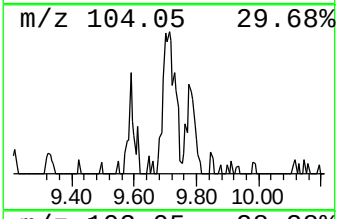


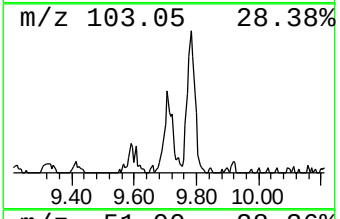


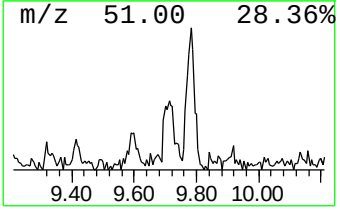












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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

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

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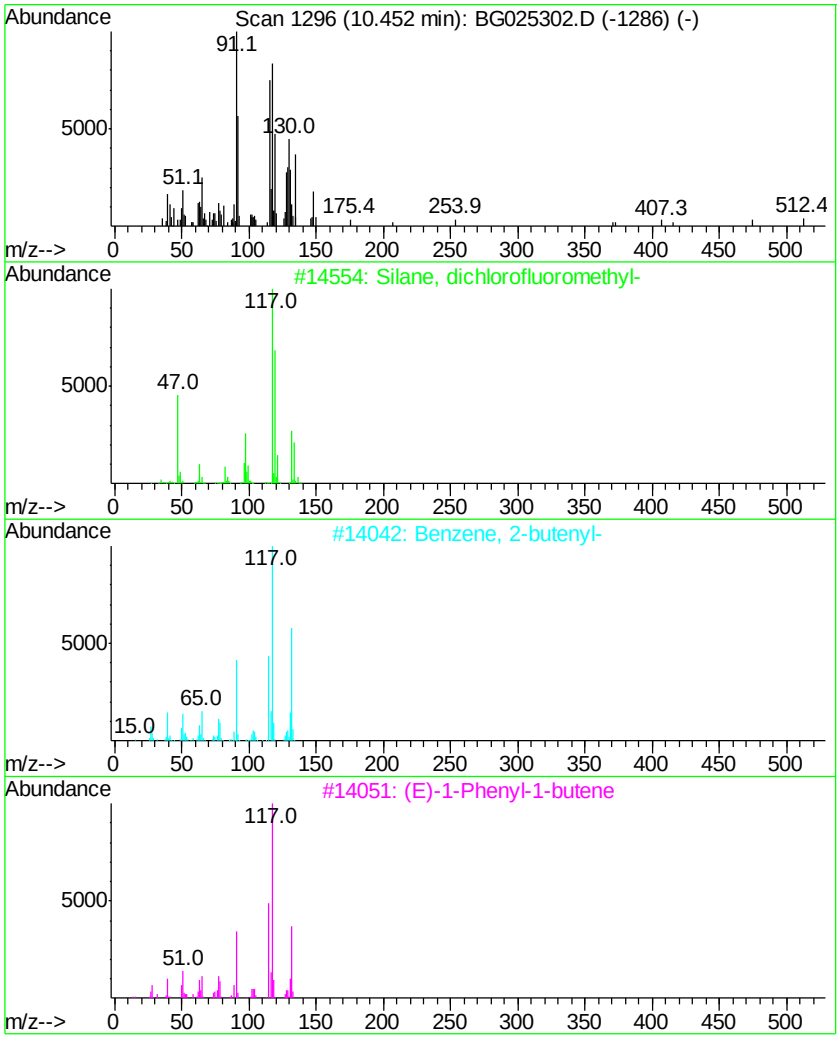
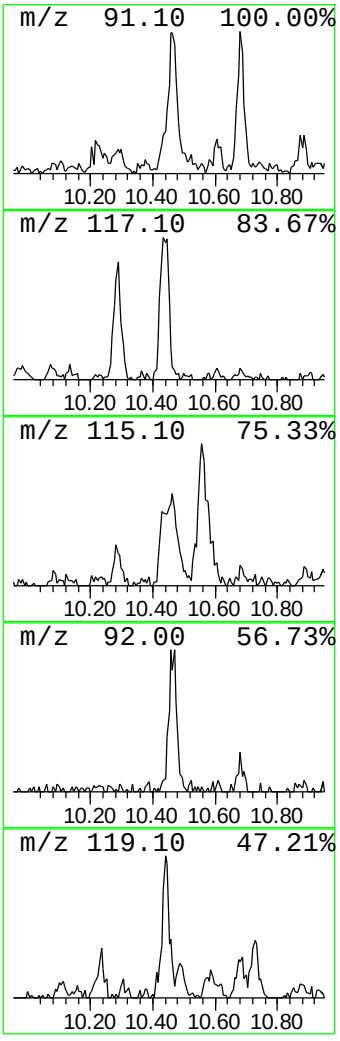
Peak Number 9 Silane, dichlorofluoromethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.45	3.36 ng/ul	120789	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, dichlorofluoromethyl-	132	CH3Cl2FSi	000420-58-6	52
2	Benzene, 2-butenyl-	132	C10H12	001560-06-1	50
3	(E)-1-Phenyl-1-butene	132	C10H12	001005-64-7	50
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	43
5	3-Buten-1-ol, 4-phenyl-	148	C10H12O	000937-58-6	38





Library Search Compound Report

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Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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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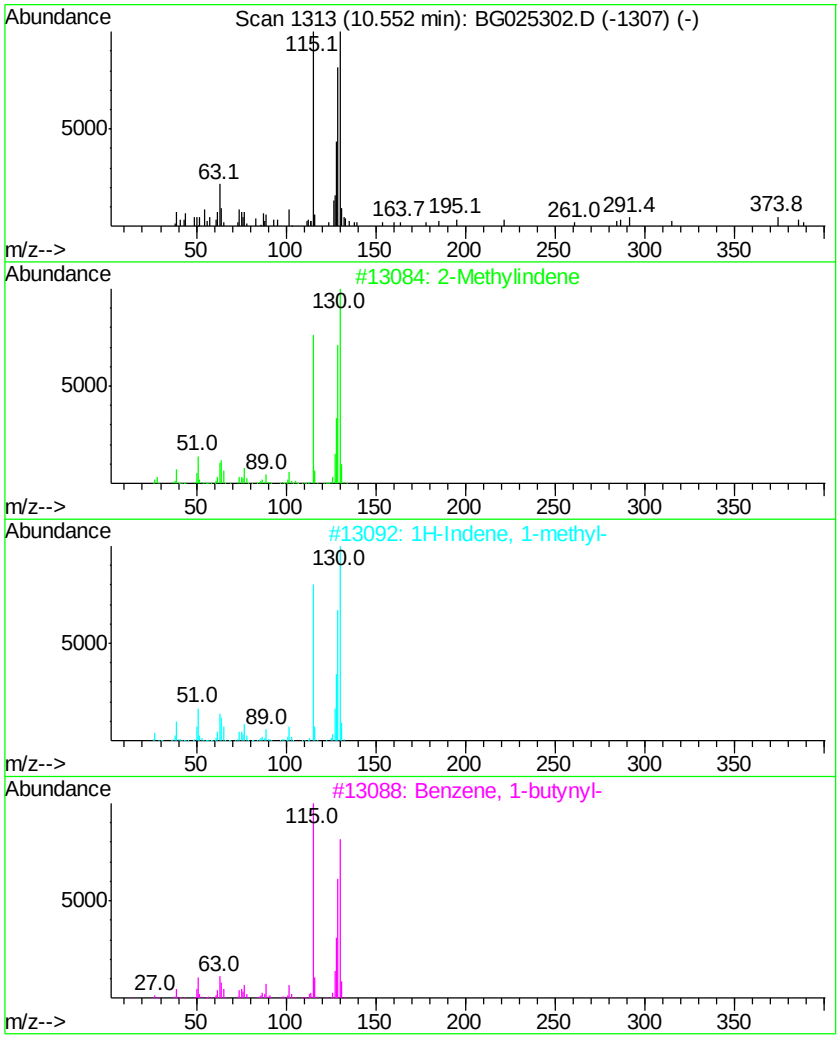
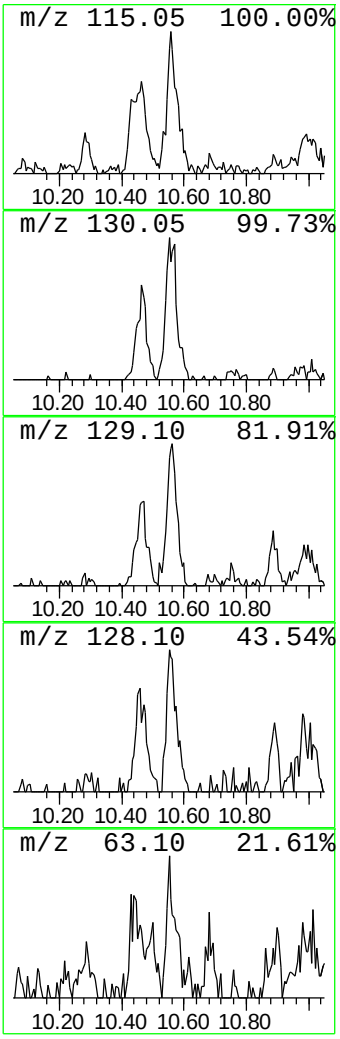
Peak Number 10 2-Methylindene Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	2.07 ng/ul	74265	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylindene	130	C10H10	002177-47-1	74
2	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	74
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	74
4	1H-Indene, 3-methyl-	130	C10H10	000767-60-2	72
5	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	72





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Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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Quant Title : SVOA CALIBRATION

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

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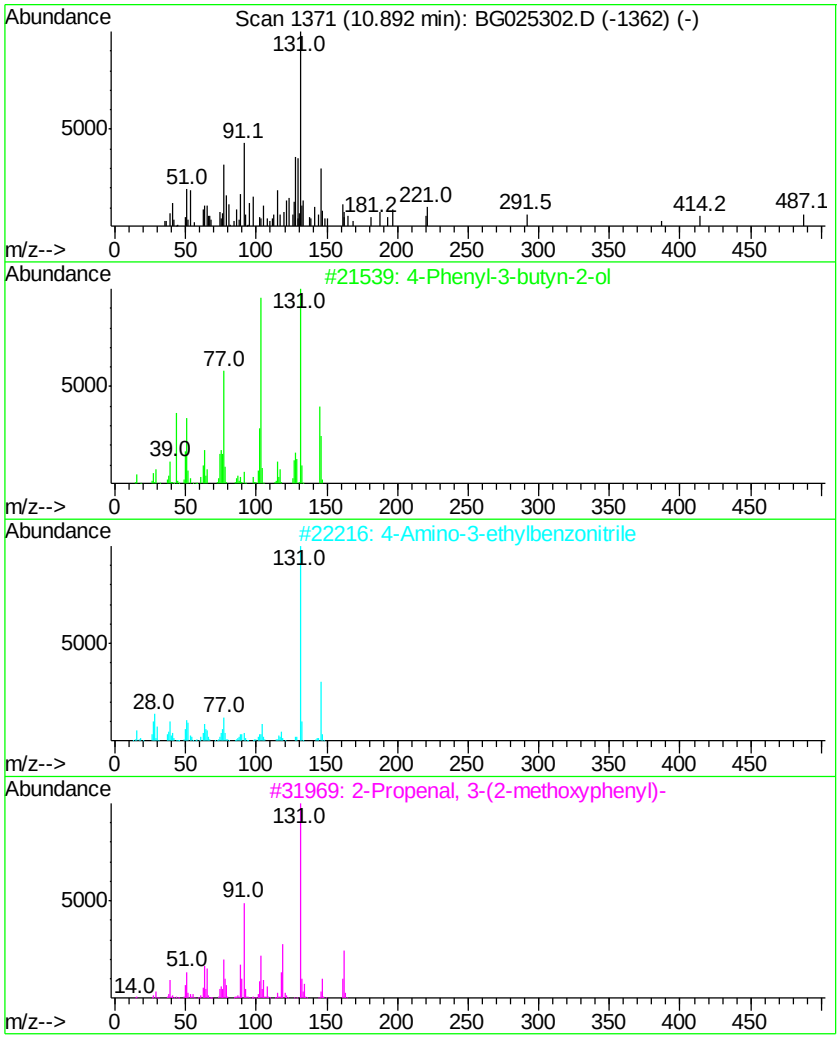
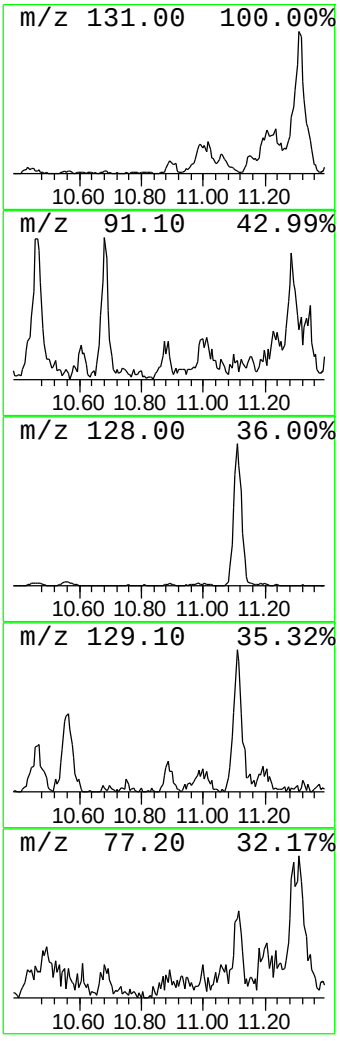
Peak Number 11 unknown-03 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.89	2.82 ng/ul	101248	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Phenyl-3-butyn-2-ol	146	C10H10O	1000118-15-0	49
2	4-Amino-3-ethylbenzonitrile	146	C9H10N2	170230-87-2	38
3	2-Propenal, 3-(2-methoxyphenyl)-	162	C10H10O2	001504-74-1	38
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	38
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	38





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Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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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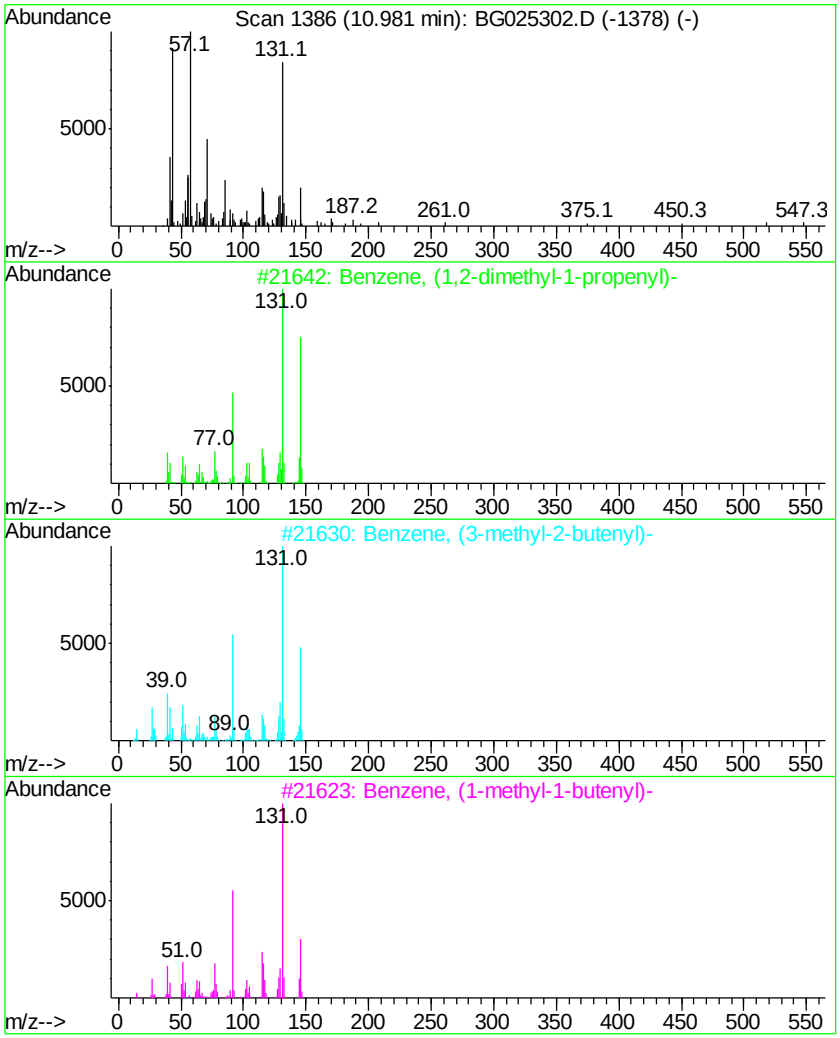
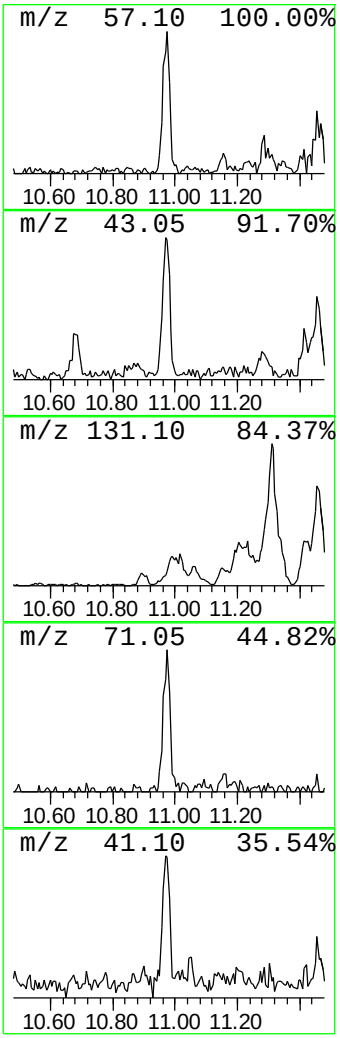
Peak Number 12 Benzene, (1,2-dimethyl-1-pr... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	6.72 ng/ul	241368	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	60
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
3	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	53
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	53
5	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	49





Library Search Compound Report

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Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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Quant Title : SVOA CALIBRATION

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

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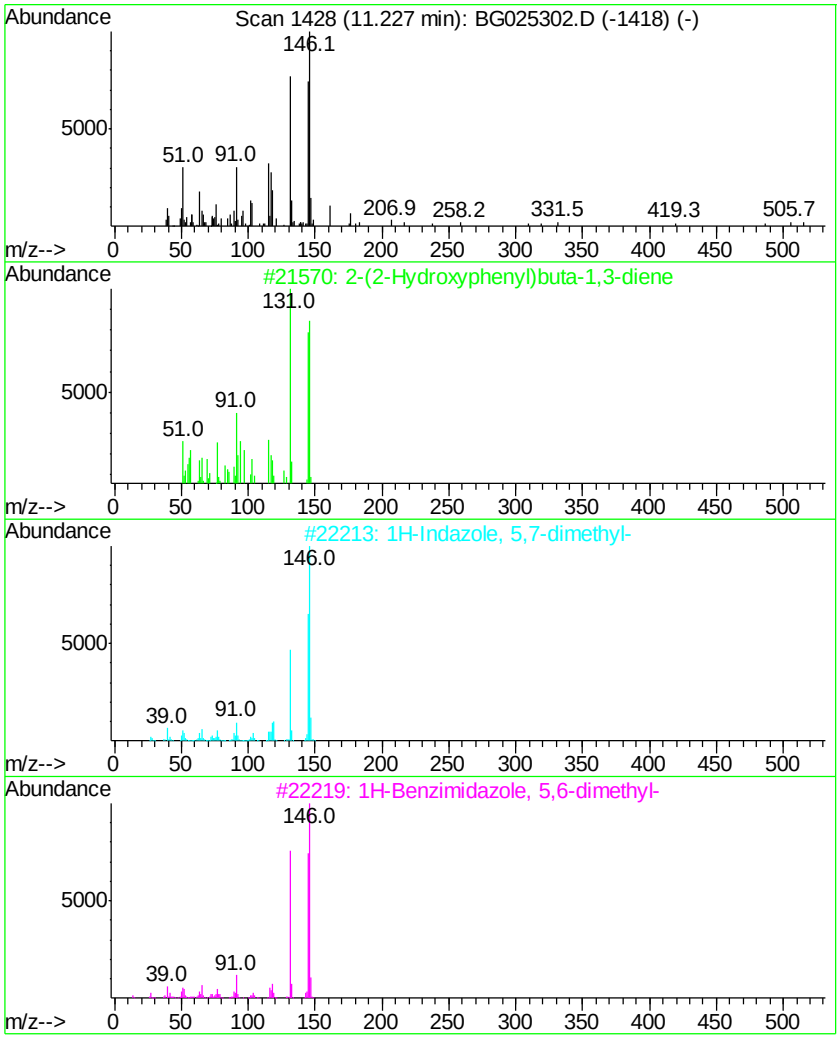
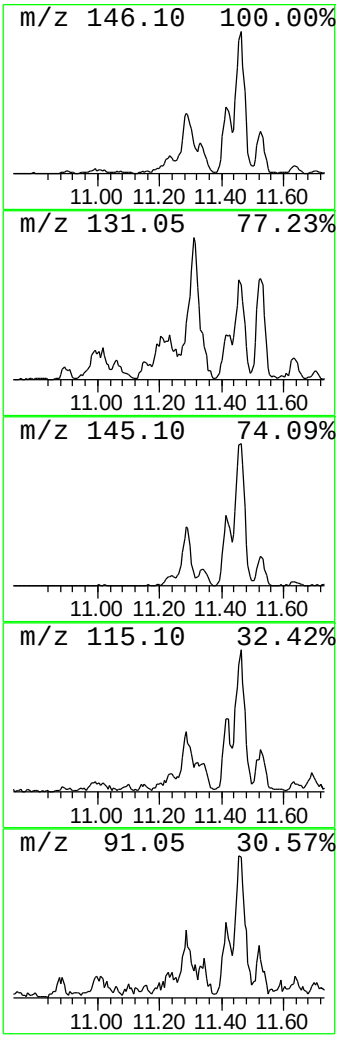
Peak Number 13 2-(2-Hydroxyphenyl)buta-1,3... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	8.68 ng/ul	311827	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	86
2	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	74
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	72
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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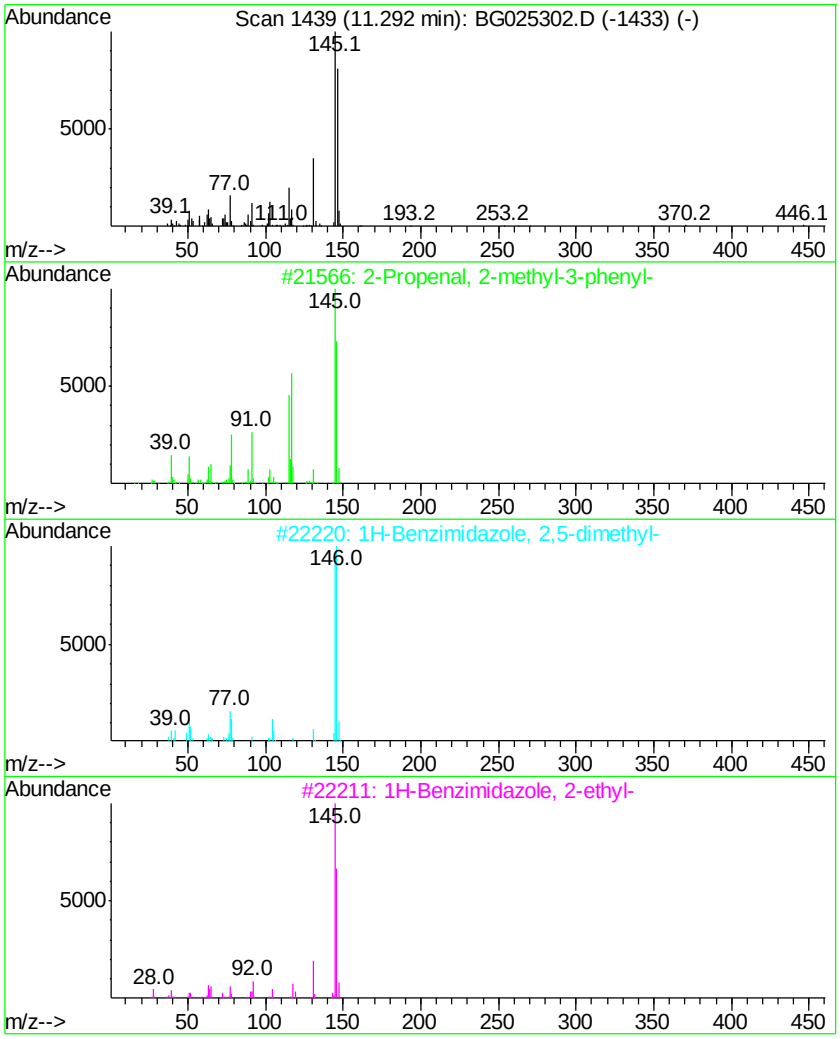
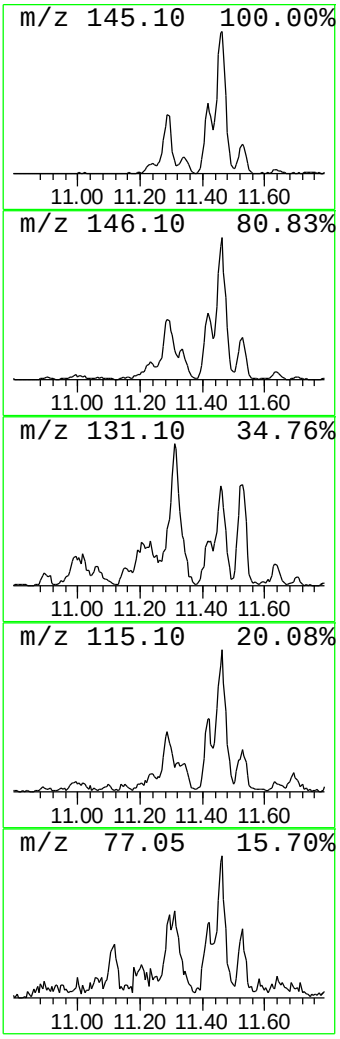
Peak Number 14 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	24.71 ng/ul	887805	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	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	59
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





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Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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Quant Title : SVOA CALIBRATION

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

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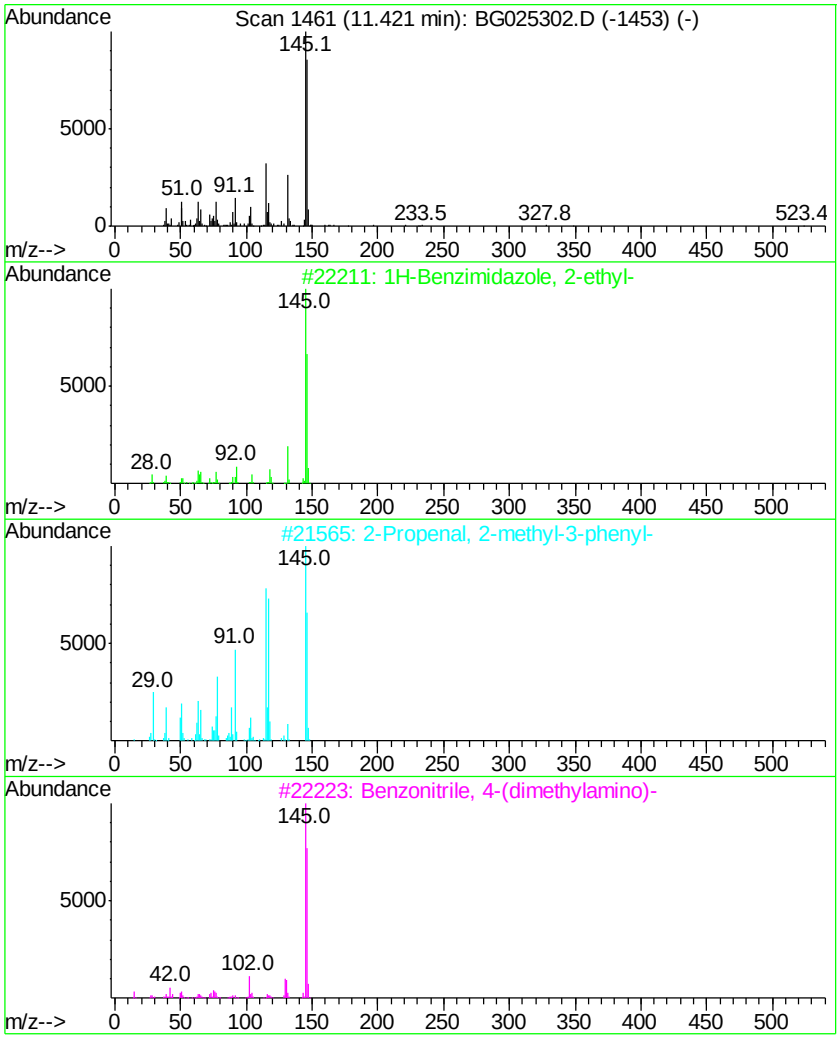
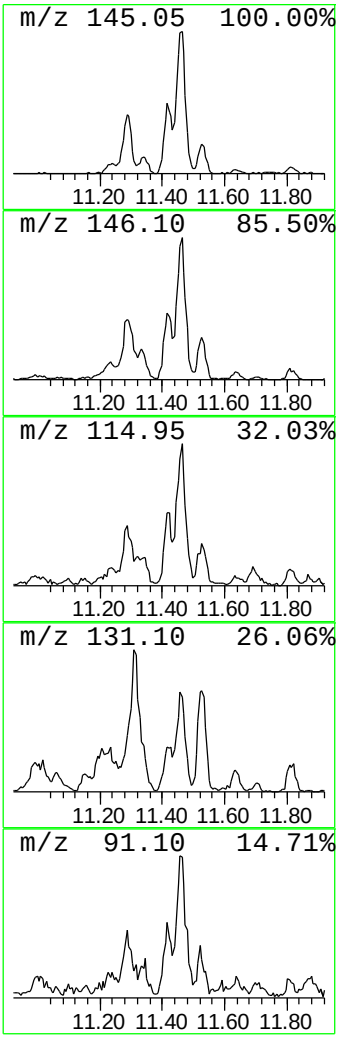
Peak Number 15 1H-Benzimidazole, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	14.92 ng/ul	535856	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	2,3,4,5,6,7-Hexahydro-1H-cyclope...	146	C11H14	1000189-31-0	47





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Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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Quant Title : SVOA CALIBRATION

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

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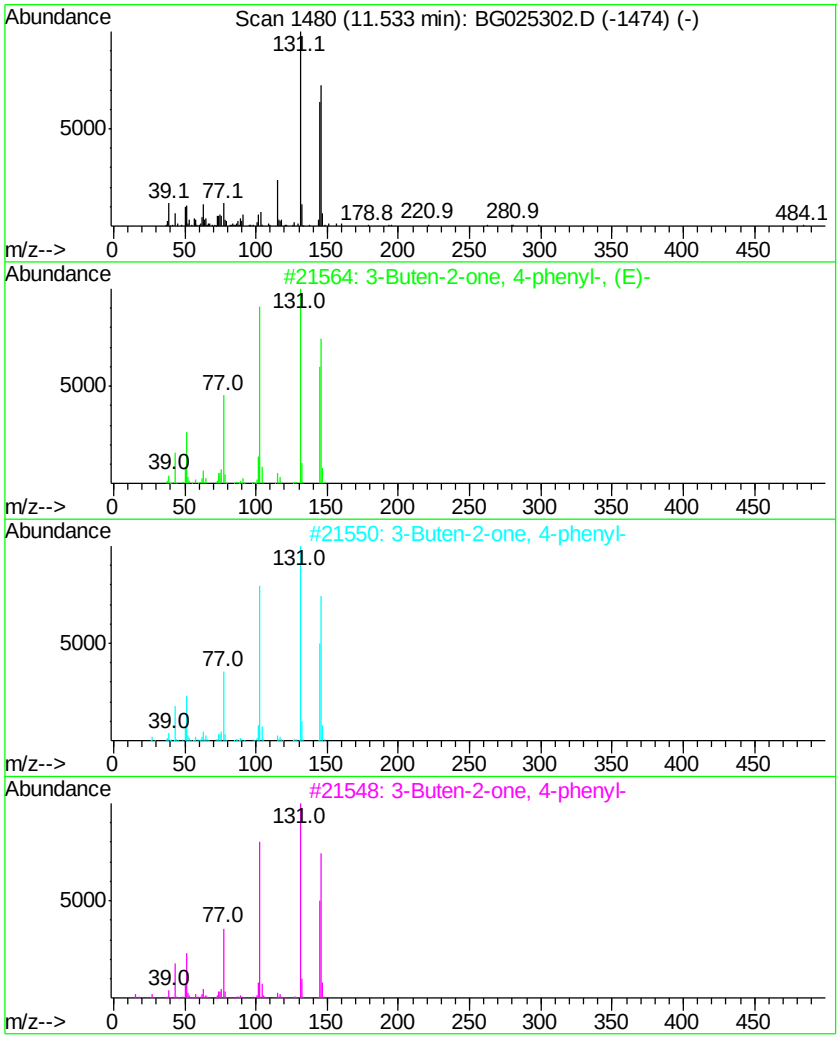
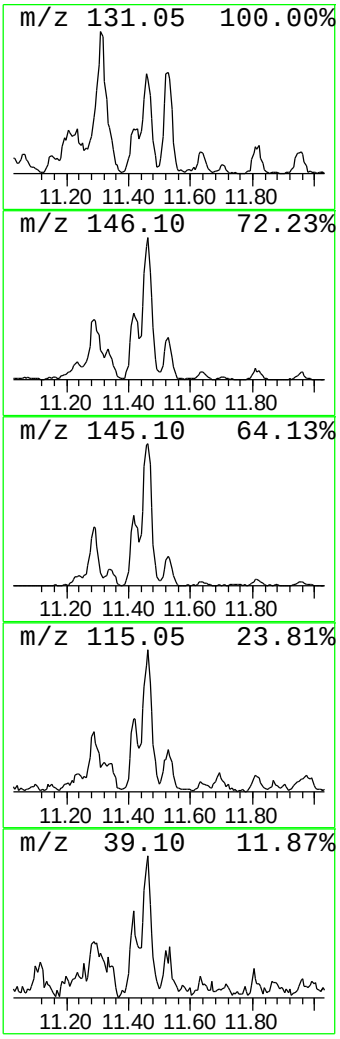
Peak Number 17 3-Buten-2-one, 4-phenyl-, (E)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	9.39 ng/ul	337495	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	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
3	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	64
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	64





Library Search Compound Report

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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

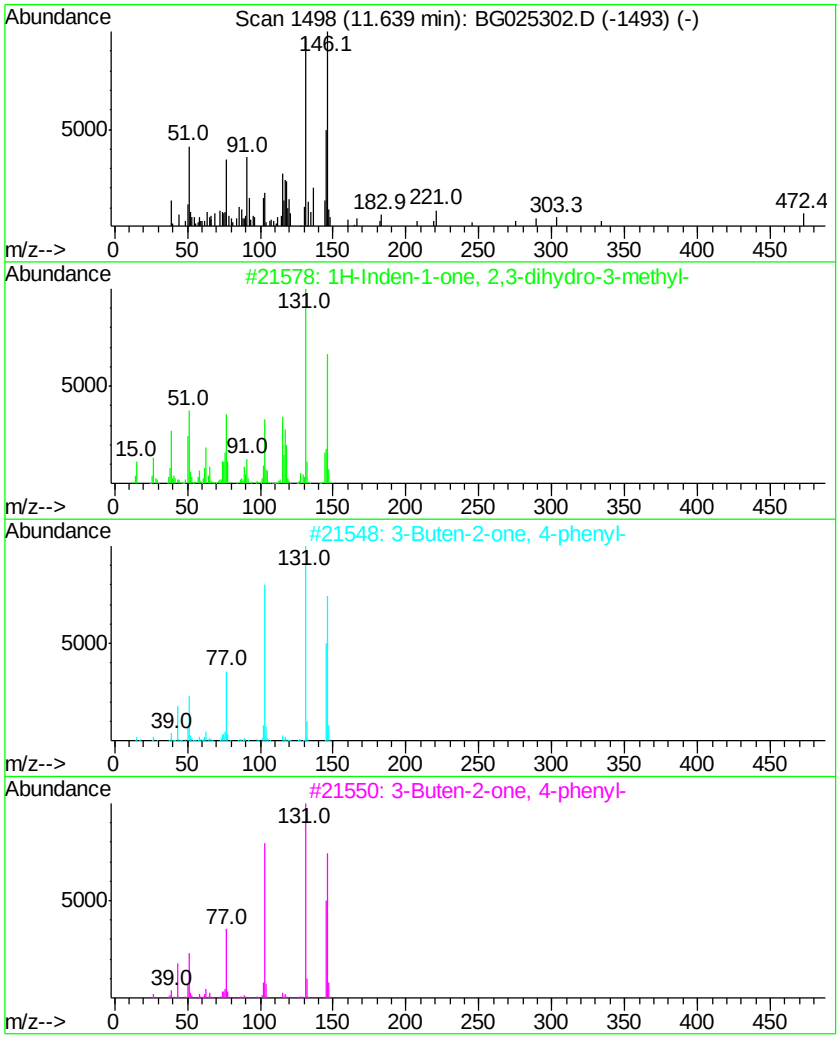
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

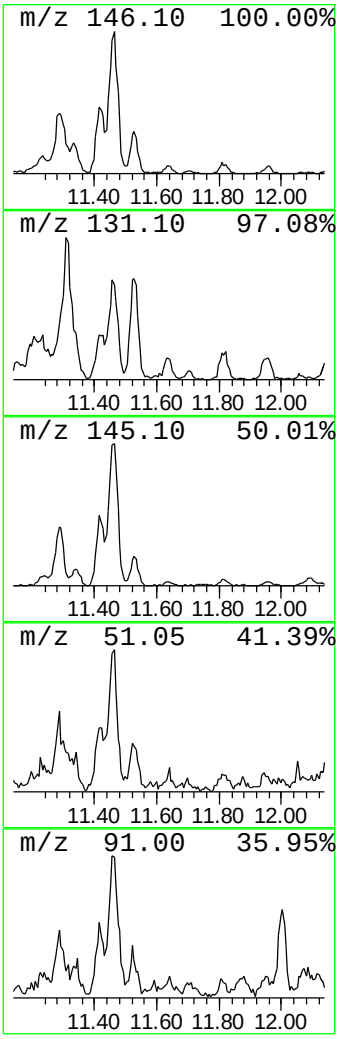
****

Peak Number 18 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	2.84 ng/ul	102161	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	81
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	62
3	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	62
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	60
5	2-(2-Hydroxyphenyl)buta-1,3-diene	146	C10H10O	038865-47-3	53





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Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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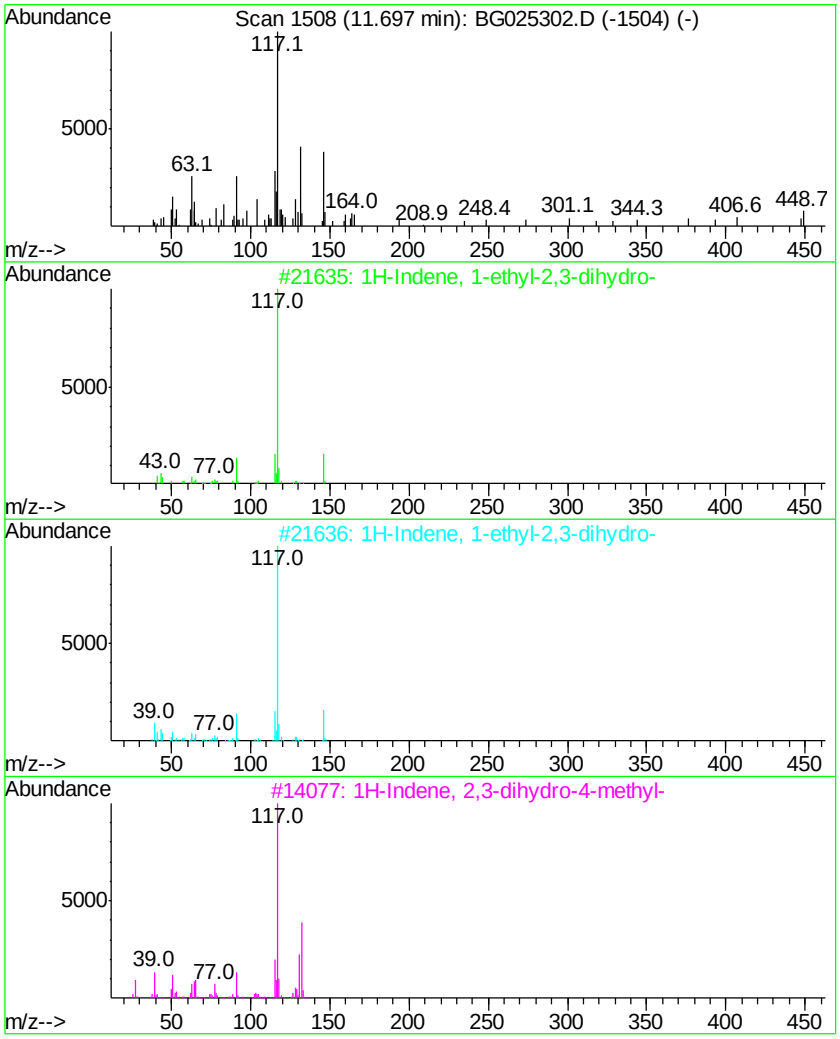
Quant Title : SVOA CALIBRATION

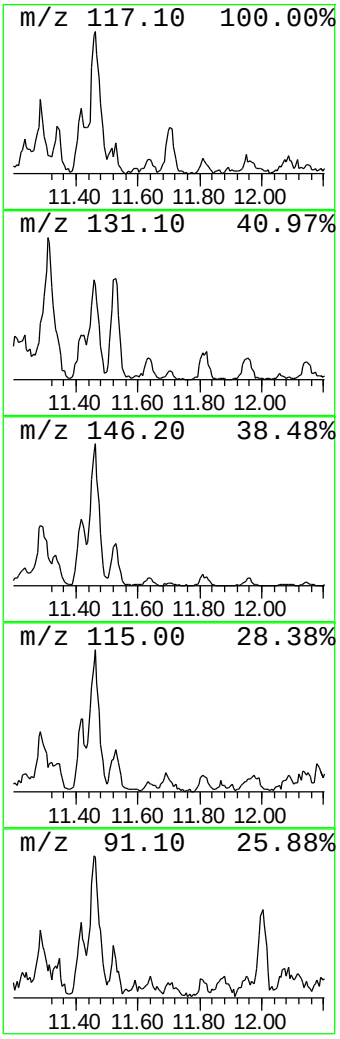
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1H-Indene, 1-ethyl-2,3-dihy... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.43 ng/ul	87311	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	50
2	1H-Indene, 1-ethyl-2,3-dihydro-	146	C11H14	004830-99-3	43
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	38
4	Benzene, 1-pentenyl-	146	C11H14	000826-18-6	38
5	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	38





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Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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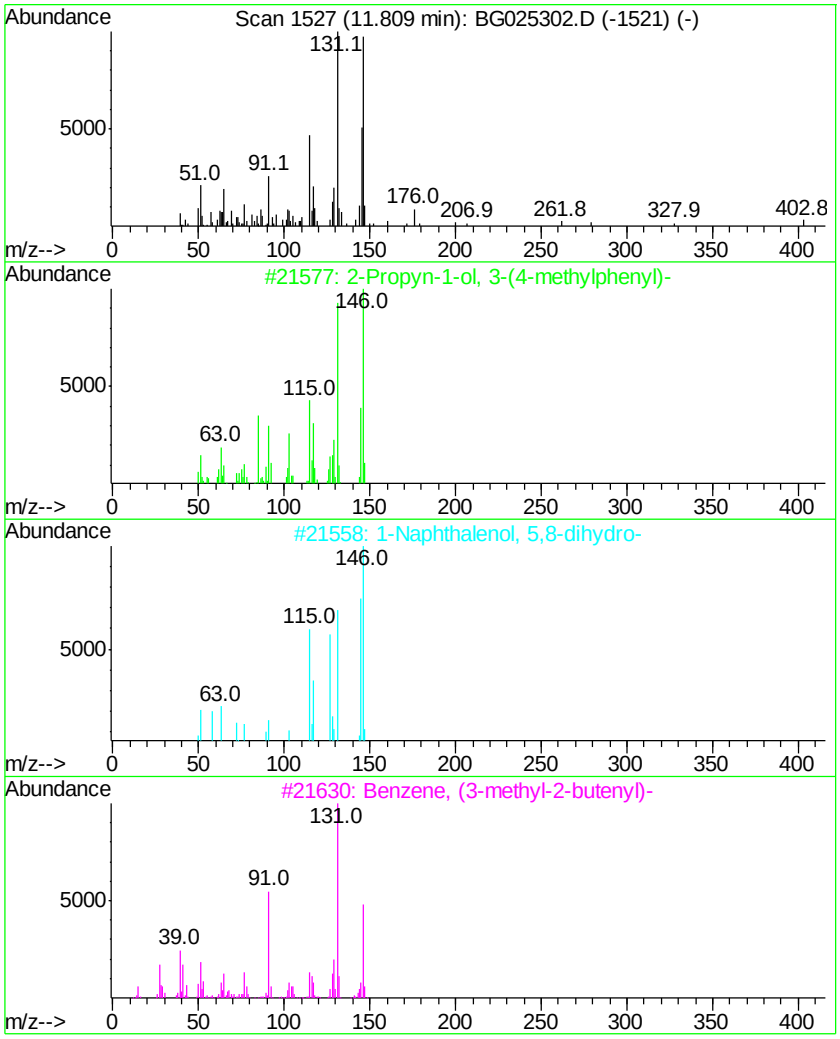
Quant Title : SVOA CALIBRATION

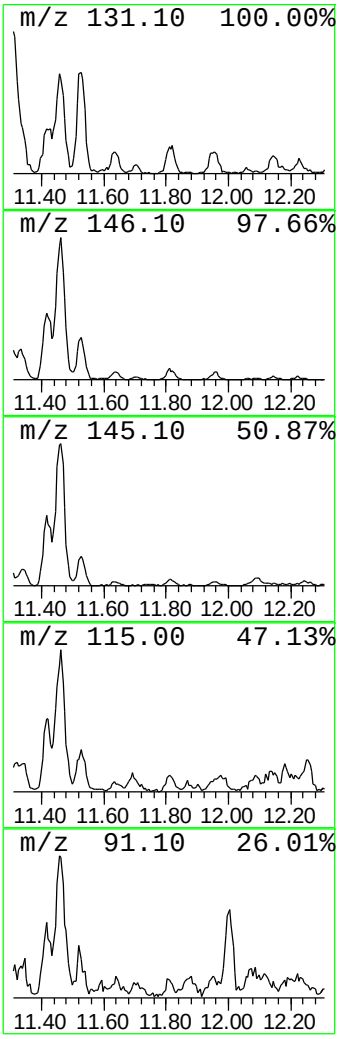
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 2-Propyn-1-ol, 3-(4-methylp... Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.63 ng/ul	130435	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	80
2	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	76
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	70
4	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	64
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	58





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Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

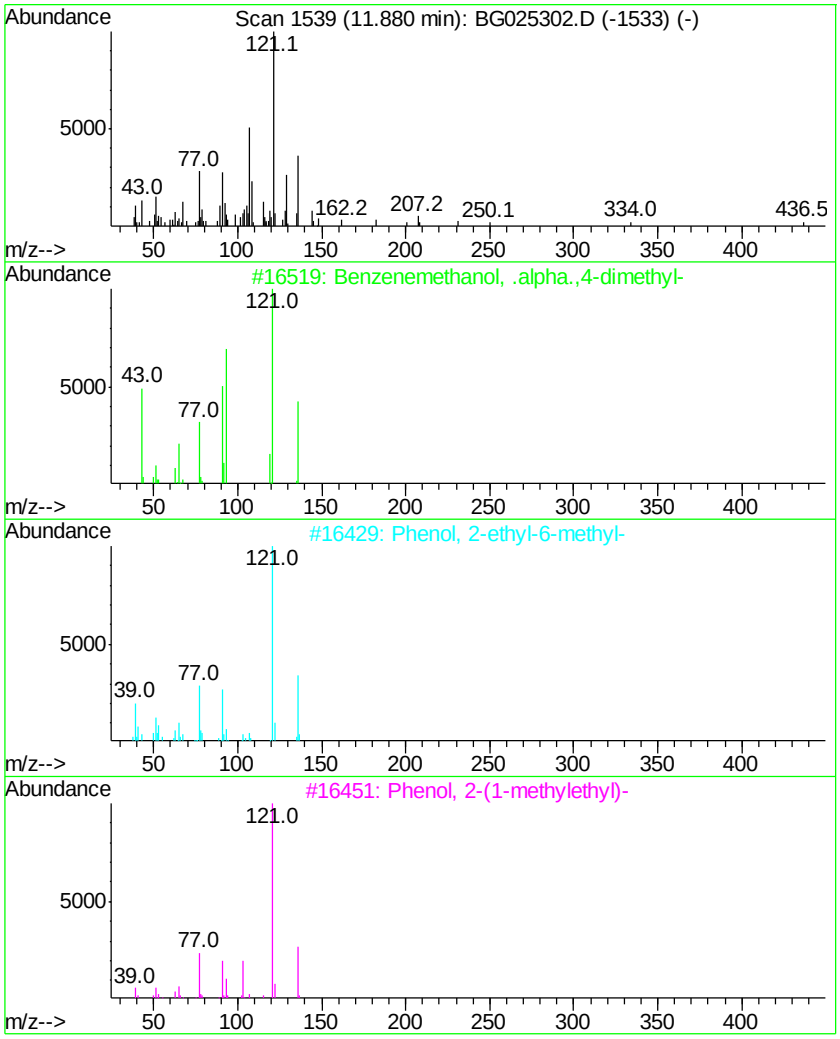
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

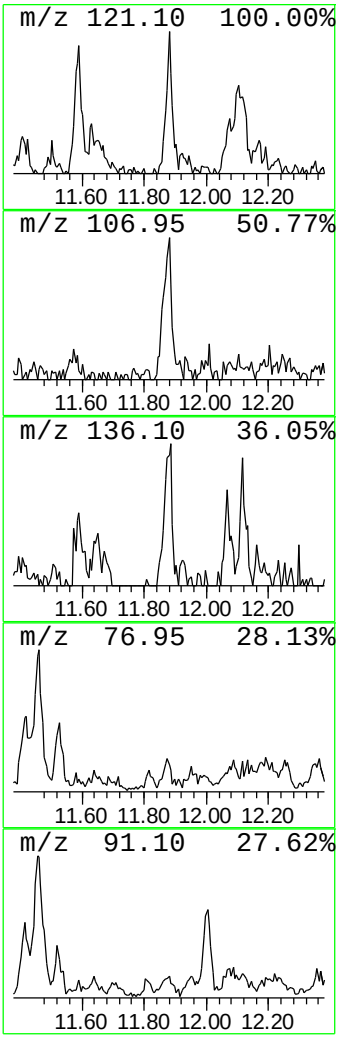
****

Peak Number 21 unknown-04 Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	2.60 ng/ul	93566	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	49
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	46
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	43
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	43
5	Oxalic acid, 2-isopropylphenyl p...	250	C14H18O4	1000309-56-1	43





Library Search Compound Report

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Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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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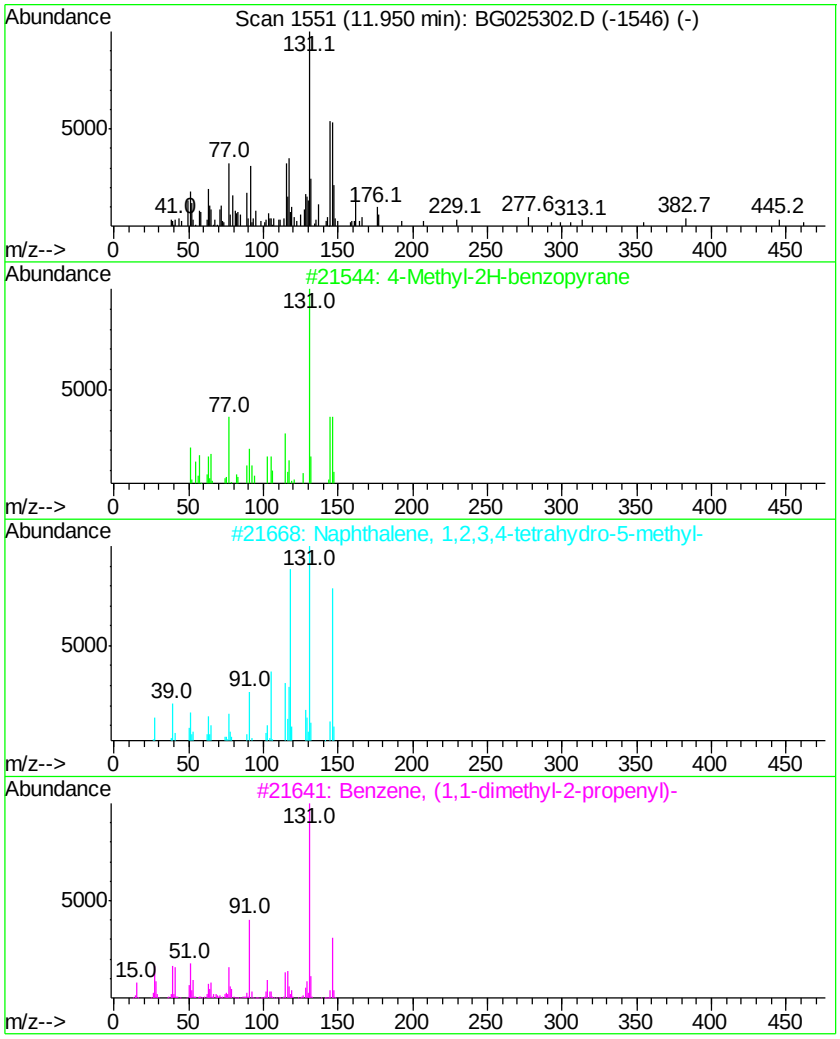
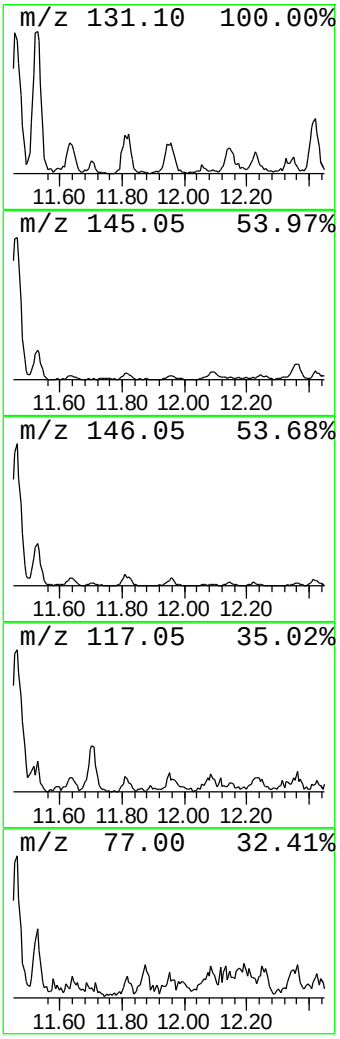
Peak Number 22 4-Methyl-2H-benzopyrane Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	2.93 ng/ul	105175	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	80
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	52
3	Benzene, (1,1-dimethyl-2-propenyl)-	146	C11H14	018321-36-3	49
4	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49
5	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	49





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Sample : H5905-02DL 20X
Misc :
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Instrument : BNA_G
ClientSampleId : DA804DL

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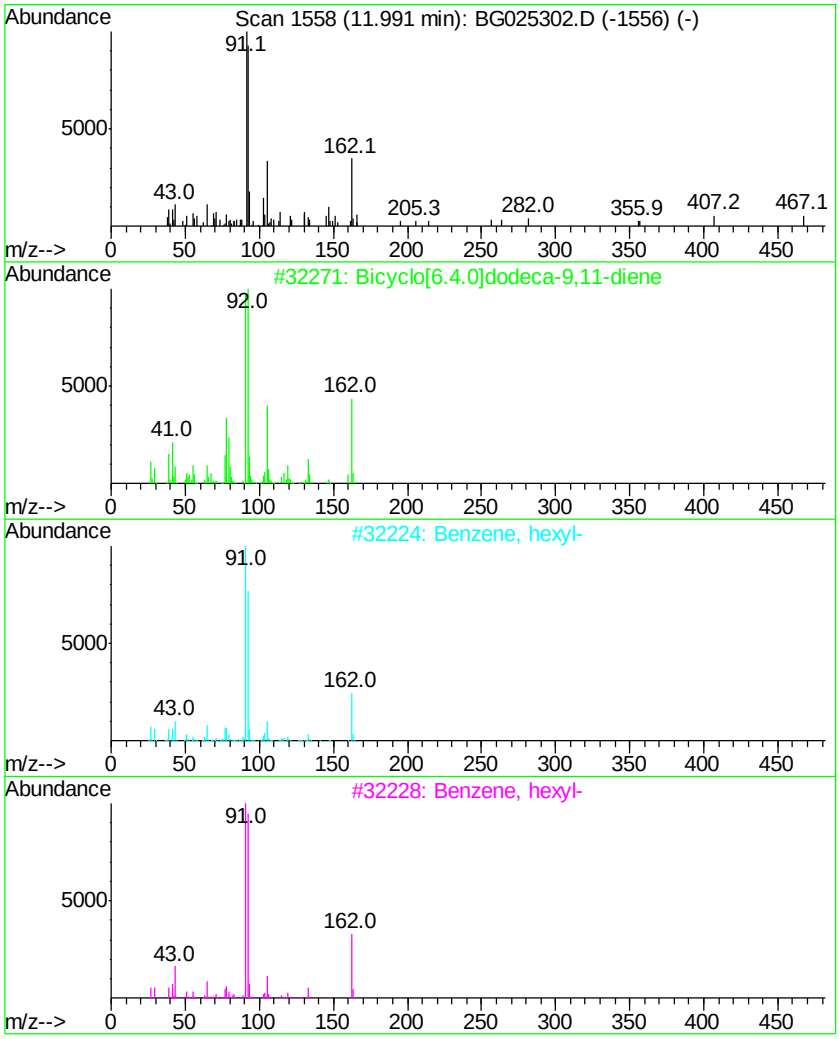
Quant Title : SVOA CALIBRATION

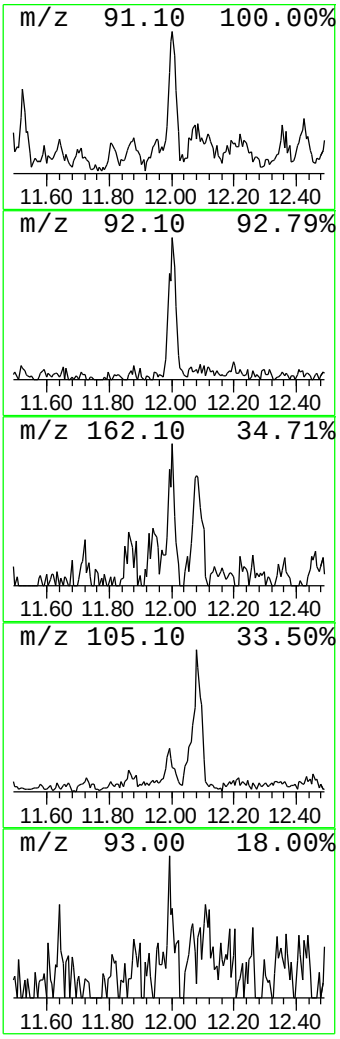
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 Bicyclo[6.4.0]dodeca-9,11-d... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.99	2.73 ng/ul	98080	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bicyclo[6.4.0]dodeca-9,11-diene	162	C12H18	1000160-45-0	53
2	Benzene, hexyl-	162	C12H18	001077-16-3	50
3	Benzene, hexyl-	162	C12H18	001077-16-3	49
4	Benzene, hexyl-	162	C12H18	001077-16-3	47
5	Benzene, hexyl-	162	C12H18	001077-16-3	40





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Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
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Instrument : BNA_G
ClientSampleId : DA804DL

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

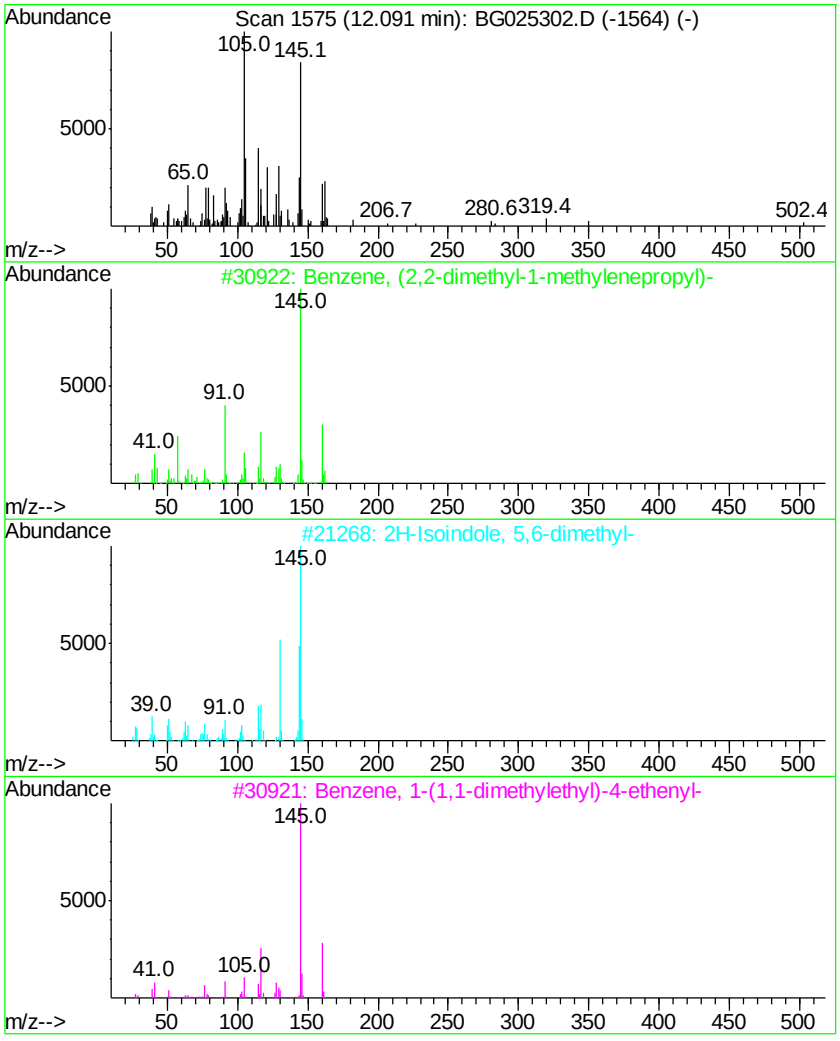
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

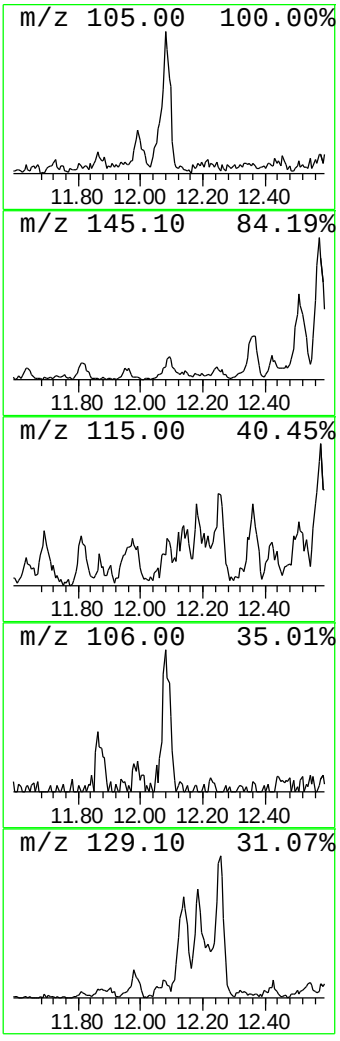
****

Peak Number 24 unknown-05 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	7.42 ng/ul	266426	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2,2-dimethyl-1-methyle...	160	C12H16	005676-29-9	46
2	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	38
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	35
4	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	30
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	27





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Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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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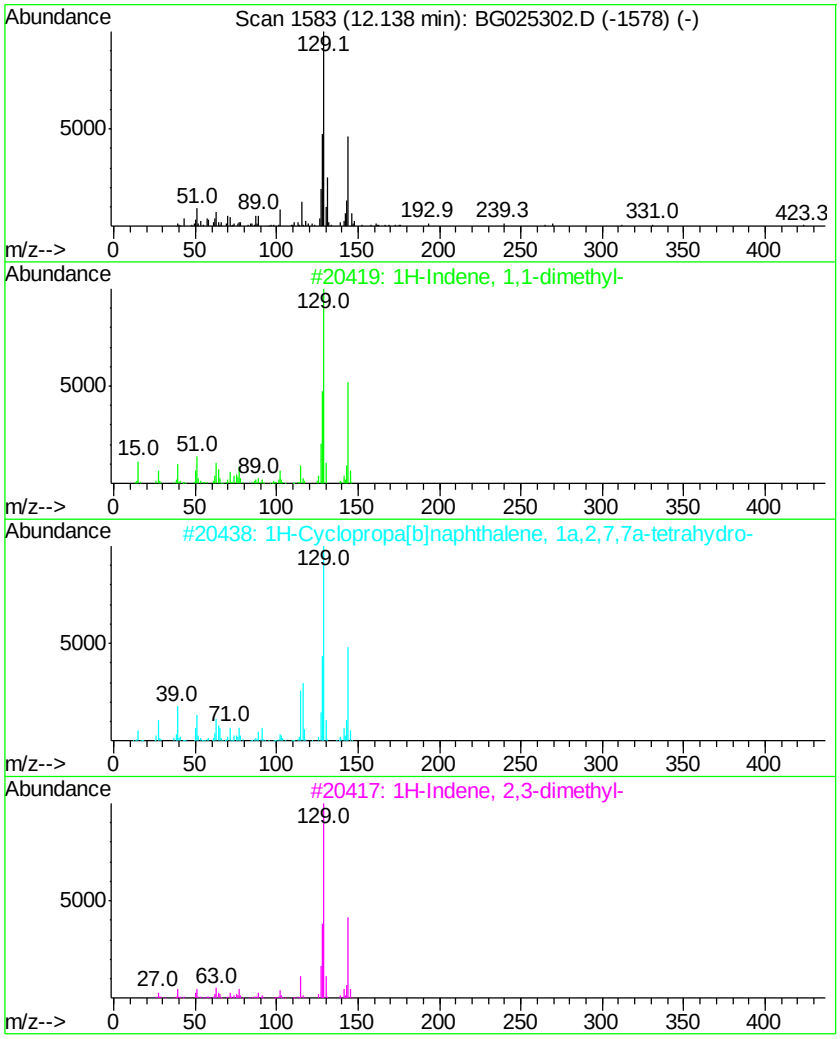
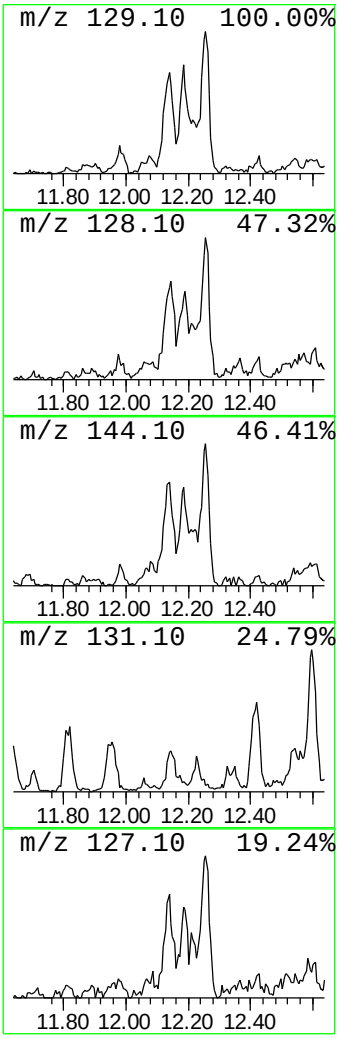
Peak Number 25 1H-Indene, 1,1-dimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	4.22 ng/ul	151624	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	93
2	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	87
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	83
4	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	83
5	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	83





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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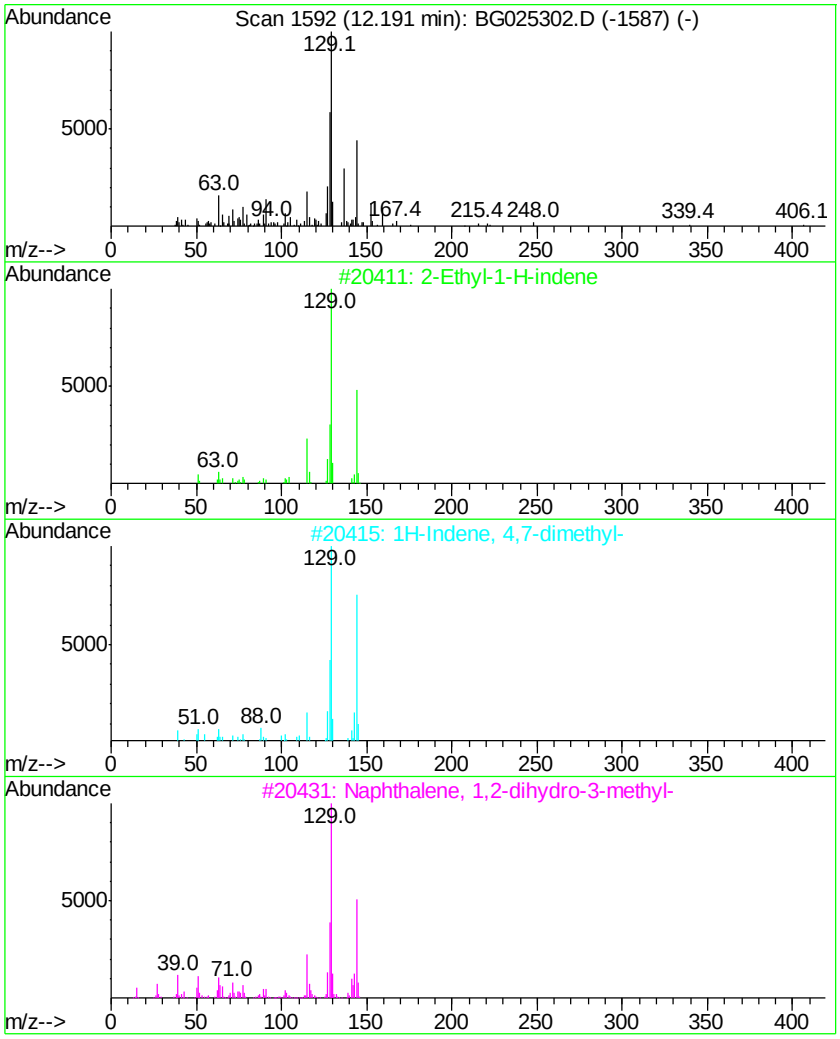
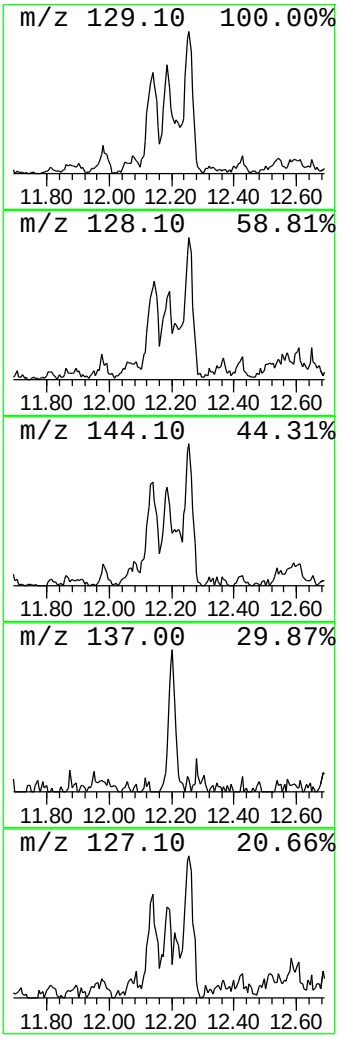
Peak Number 26 2-Ethyl-1-H-indene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	5.50 ng/ul	197767	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-1-H-indene	144	C11H12	017059-50-6	90
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
3	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	87
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
5	Naphthalene, 1,2-dihydro-4-methyl-	144	C11H12	004373-13-1	87





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Sample : H5905-02DL 20X
Misc :
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Instrument : BNA_G
ClientSampleId : DA804DL

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Quant Title : SVOA CALIBRATION

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

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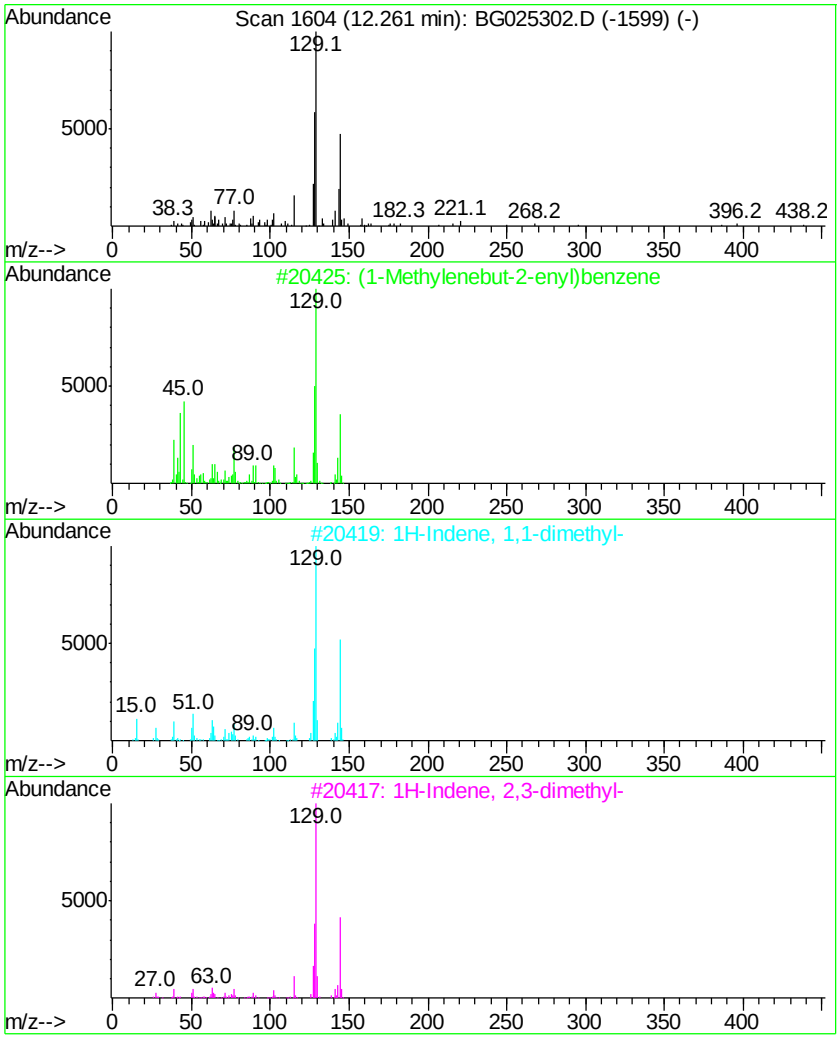
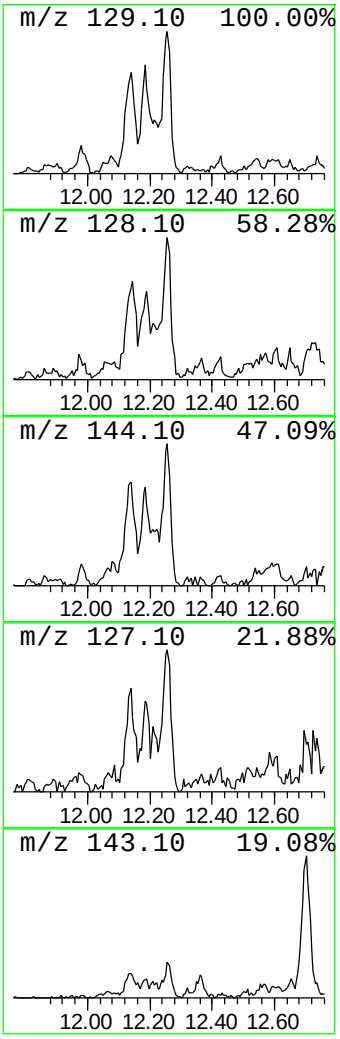
Peak Number 27 (1-Methylenebut-2-enyl)benzene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	8.06 ng/ul	289468	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	87
2	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	86
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	86





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Sample : H5905-02DL 20X
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Instrument : BNA_G
ClientSampleId : DA804DL

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Quant Title : SVOA CALIBRATION

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

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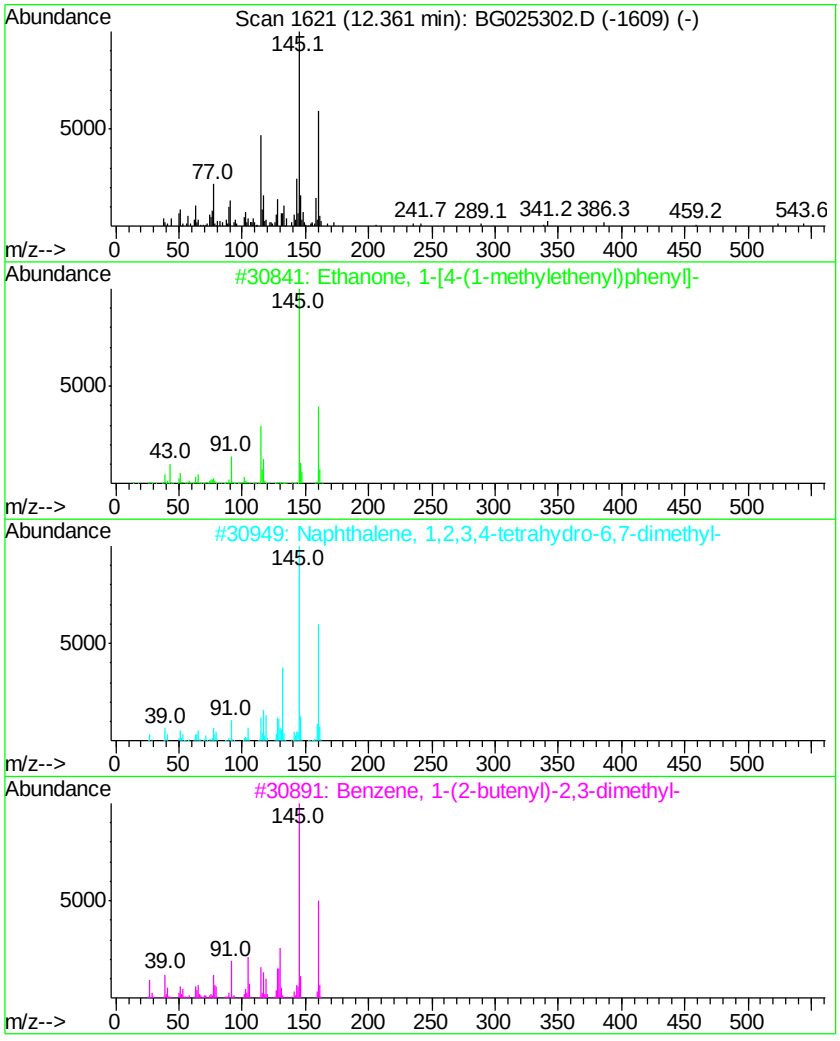
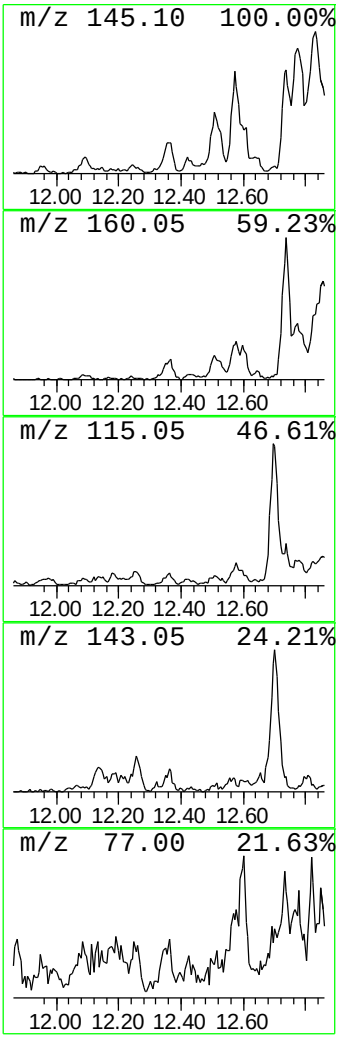
Peak Number 28 Ethanone, 1-[4-(1-methyleth... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.56 ng/ul	199862	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	001076-61-5	60
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	60
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	58
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	58





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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

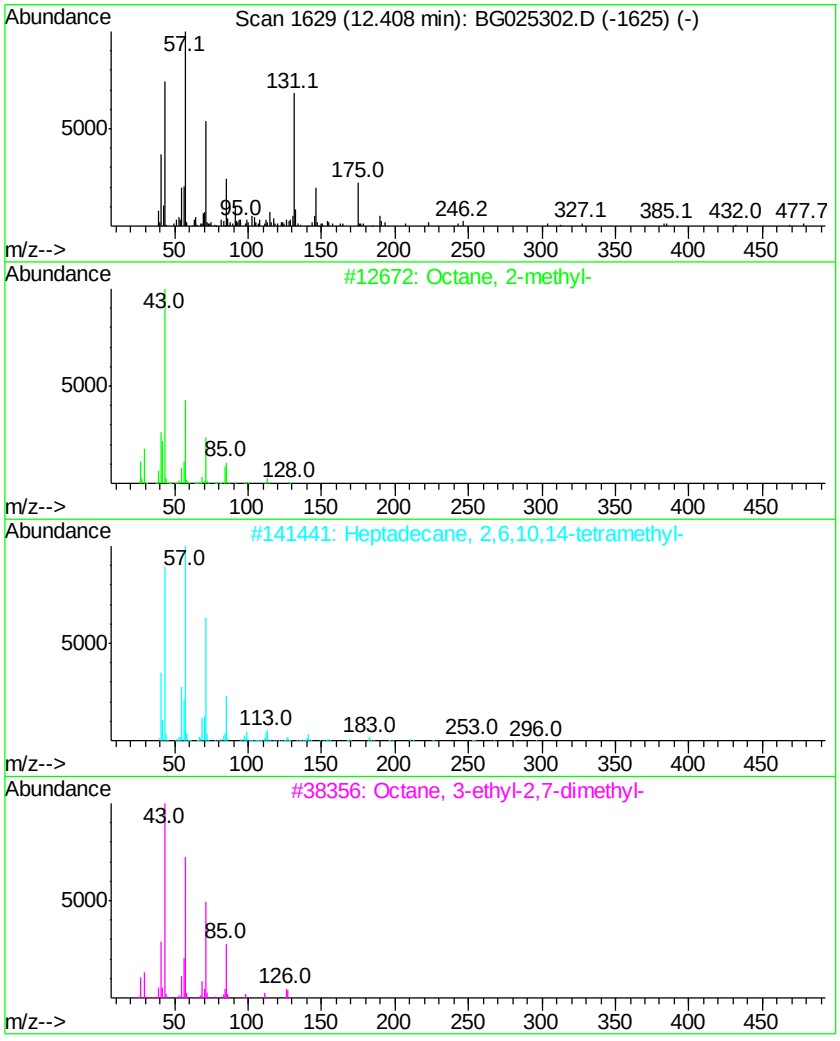
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

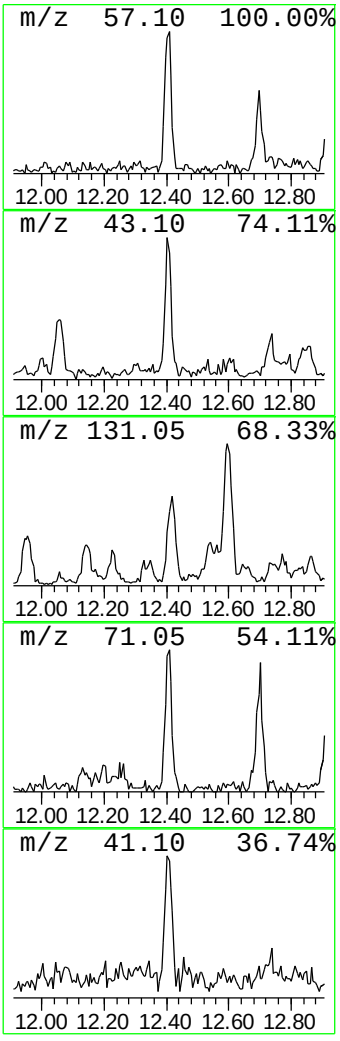
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	6.12 ng/ul	219943	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2-methyl-	128	C9H20	003221-61-2	43
2	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	38
3	Octane, 3-ethyl-2,7-dimethyl-	170	C12H26	062183-55-5	35
4	Tridecane	184	C13H28	000629-50-5	35
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	35





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Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

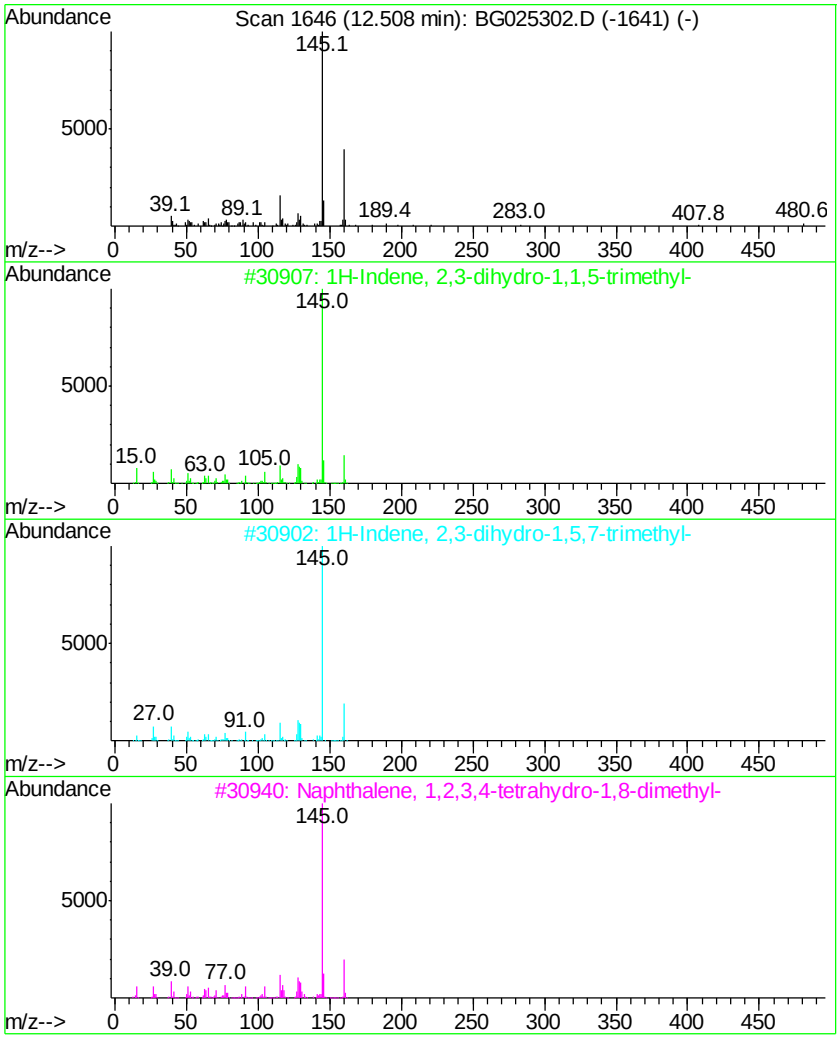
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

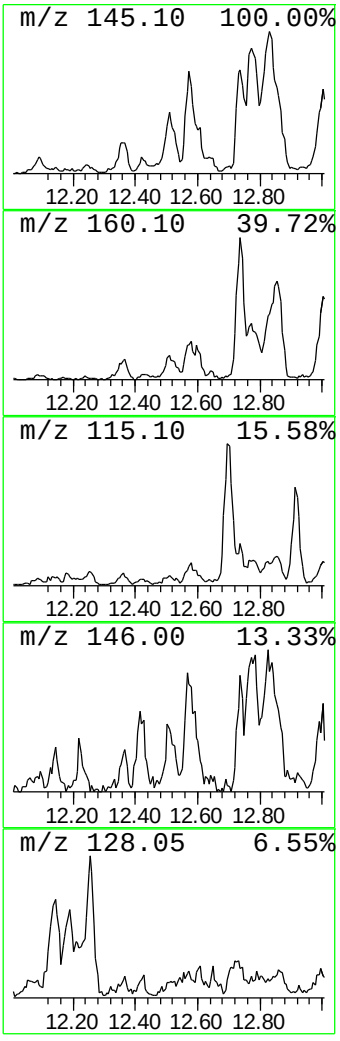
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	4.36 ng/ul	156815	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90
2	1H-Indene, 2,3-dihydro-1,5,7-tri...	160	C12H16	054340-88-4	87
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	86
4	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	80
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

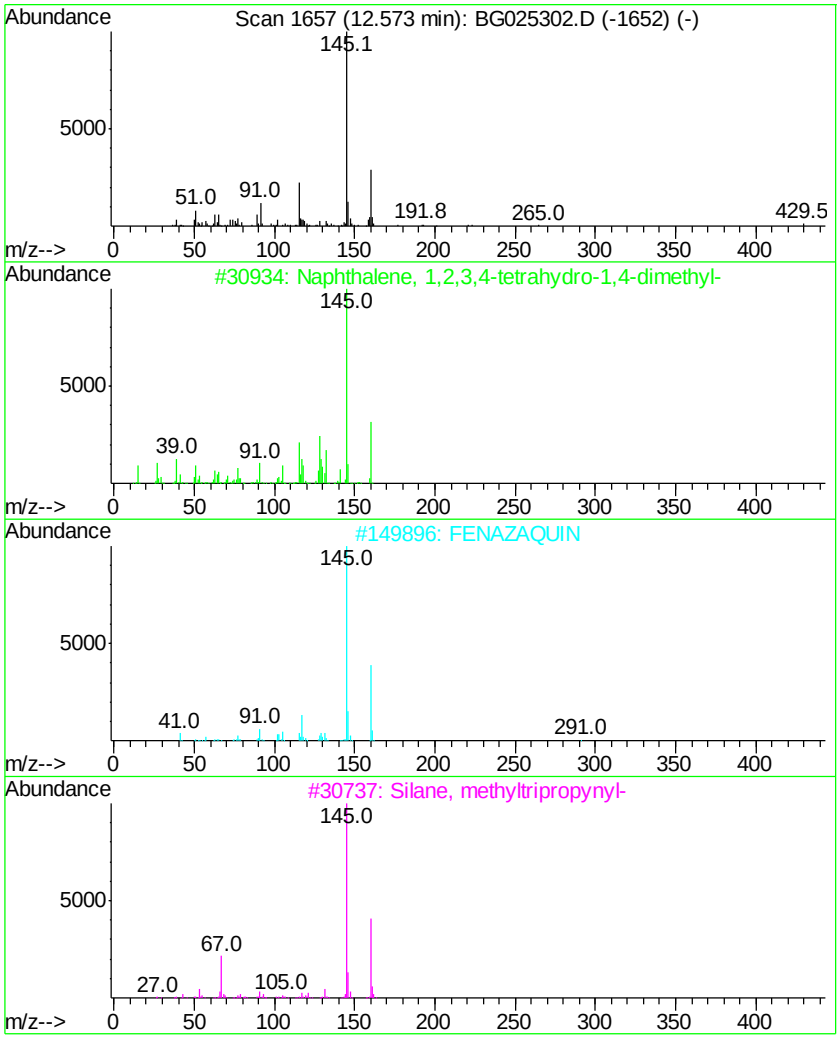
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

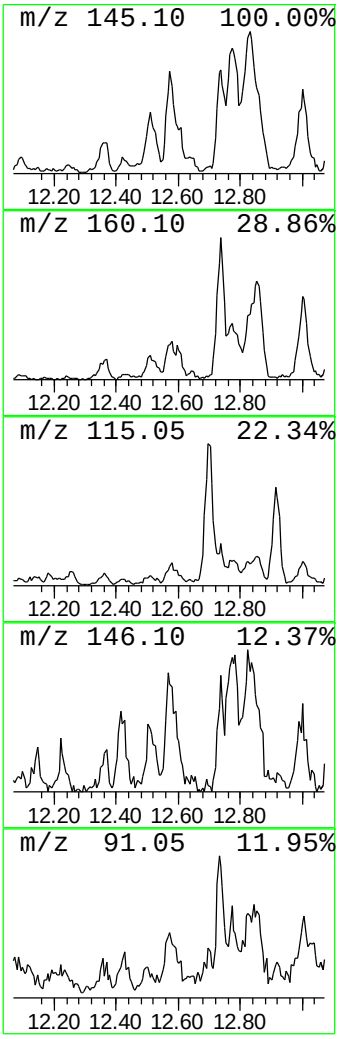
****

Peak Number 31 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	11.55 ng/ul	414923	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	72
2	FENAZAQUIN	306	C20H22N2O	120928-09-8	64
3	Silane, methyltripropynyl-	160	C10H12Si	1000158-62-1	64
4	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	62
5	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	59





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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

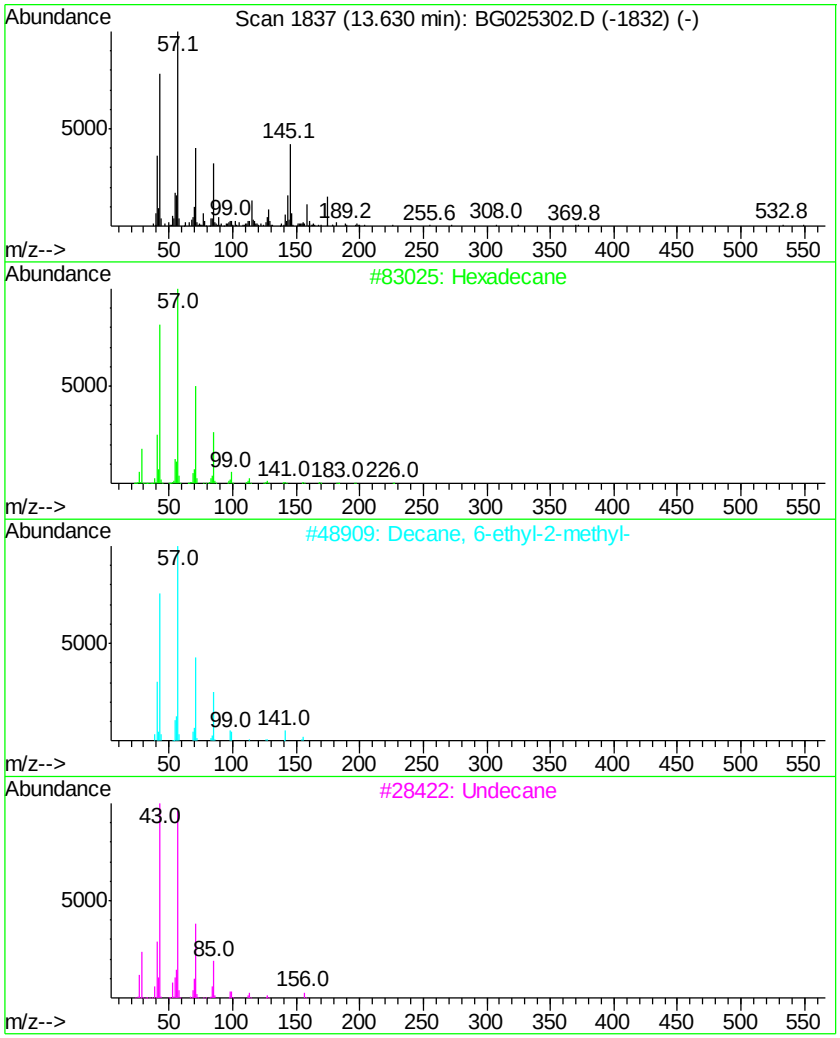
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

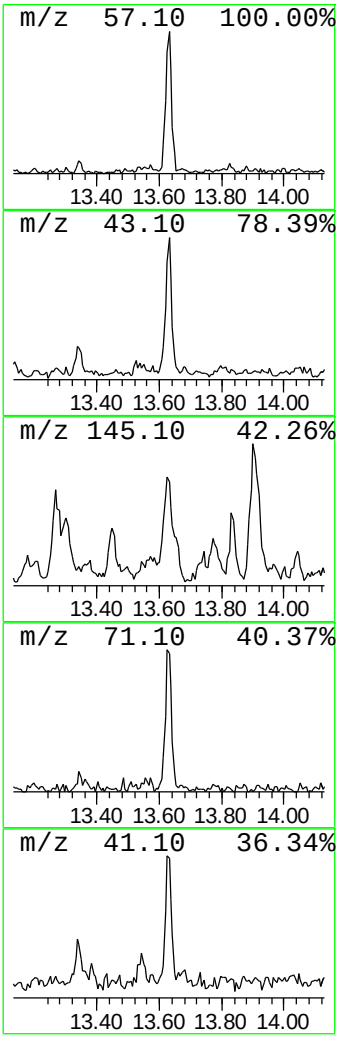
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	6.19 ng/ul	359506	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	64
2	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
3	Undecane	156	C11H24	001120-21-4	38
4	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
5	4-Heptanone, 2-methyl-	128	C8H16O	000626-33-5	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

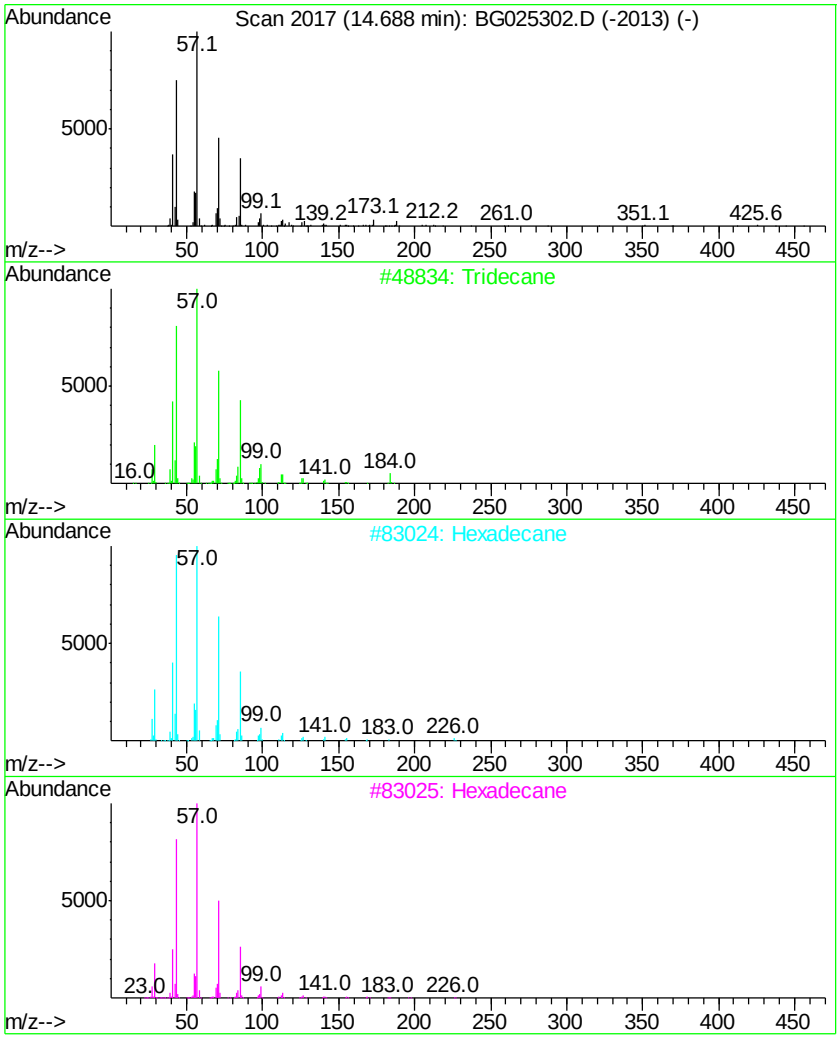
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

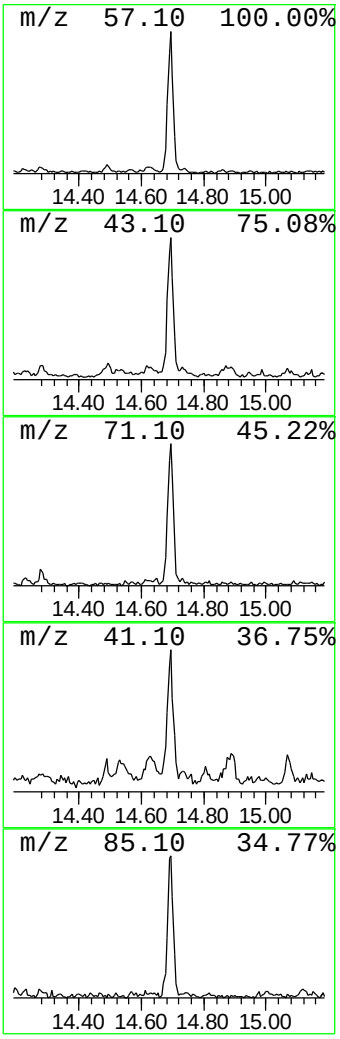
****

Peak Number 47 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	6.90 ng/ul	400451	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	87
2	Hexadecane	226	C16H34	000544-76-3	86
3	Hexadecane	226	C16H34	000544-76-3	86
4	Tridecane	184	C13H28	000629-50-5	83
5	Tridecane	184	C13H28	000629-50-5	80





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Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

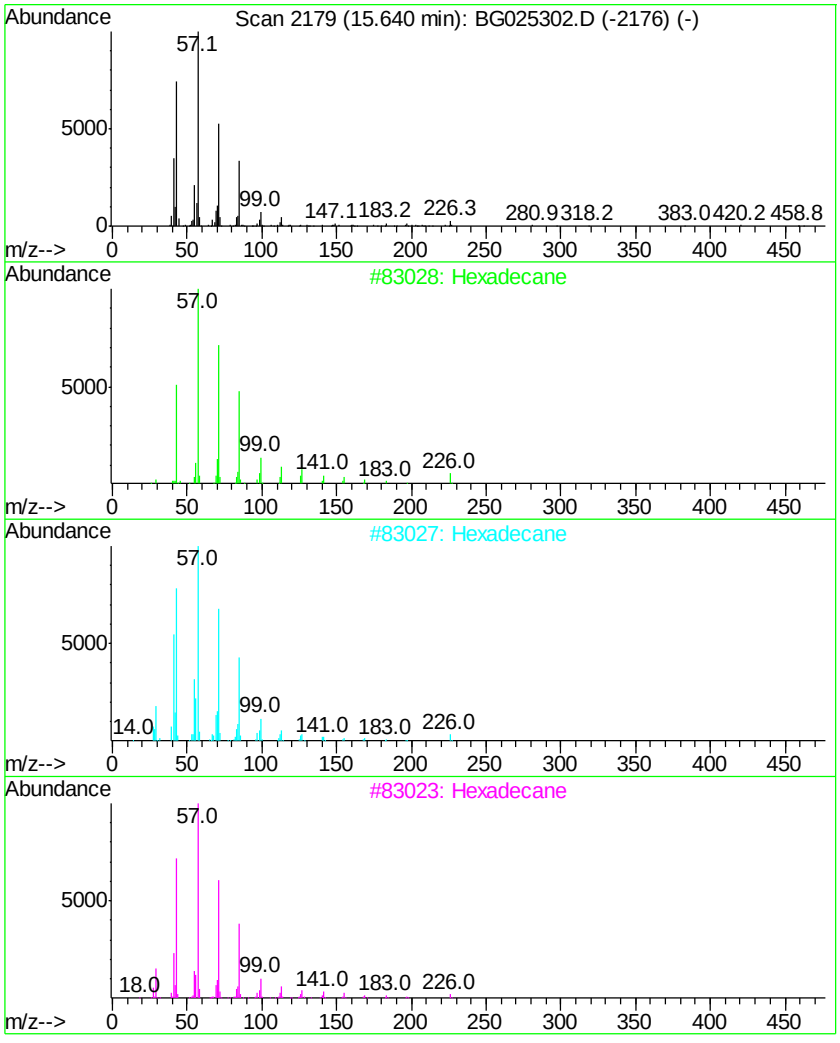
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

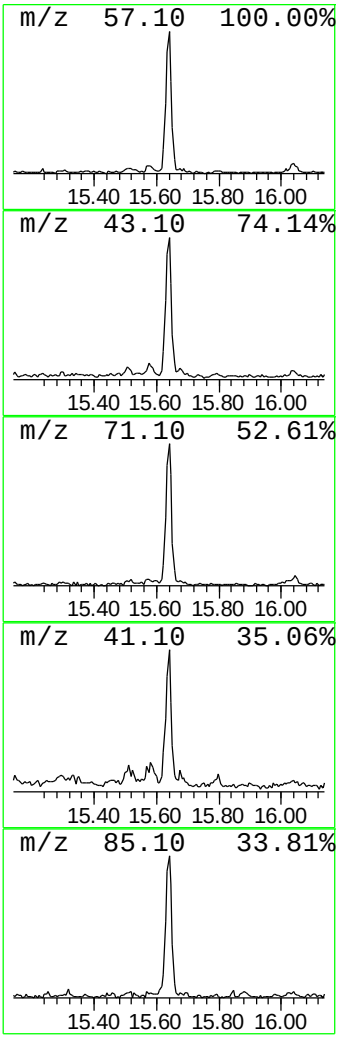
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 53 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	11.52 ng/ul	668511	Acenaphthene-d10	14.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane	226	C16H34	000544-76-3	90
3	Hexadecane	226	C16H34	000544-76-3	87
4	Pentadecane	212	C15H32	000629-62-9	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

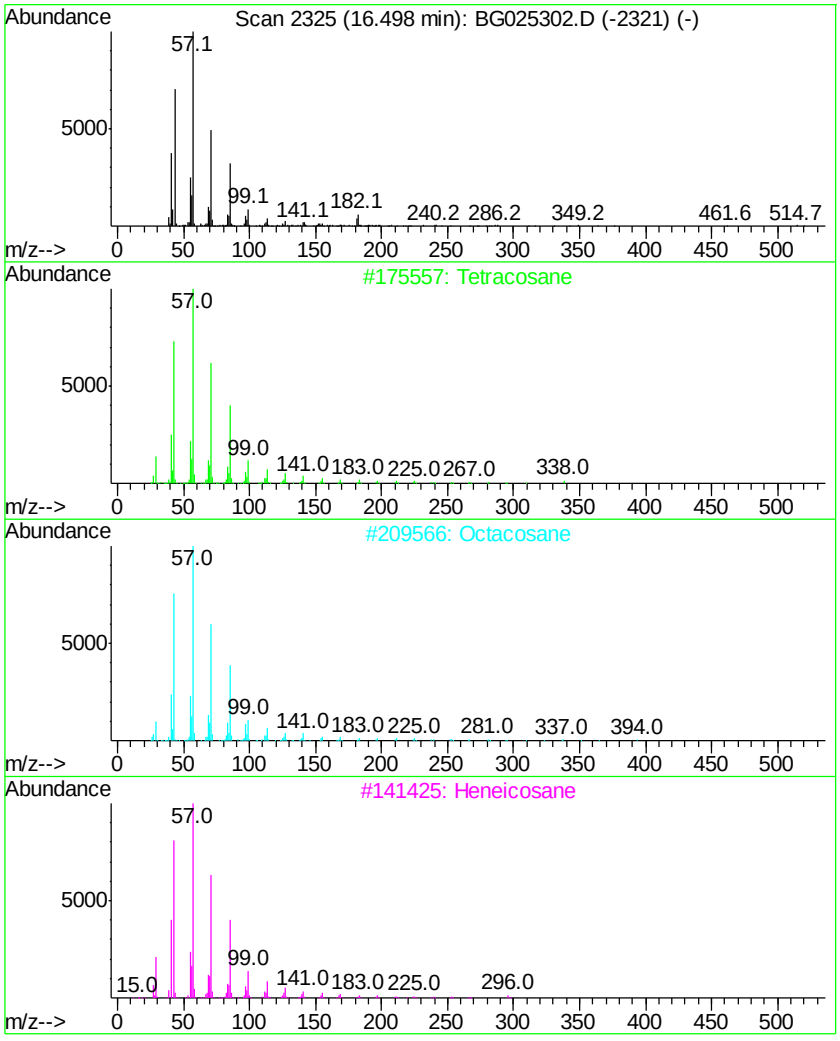
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

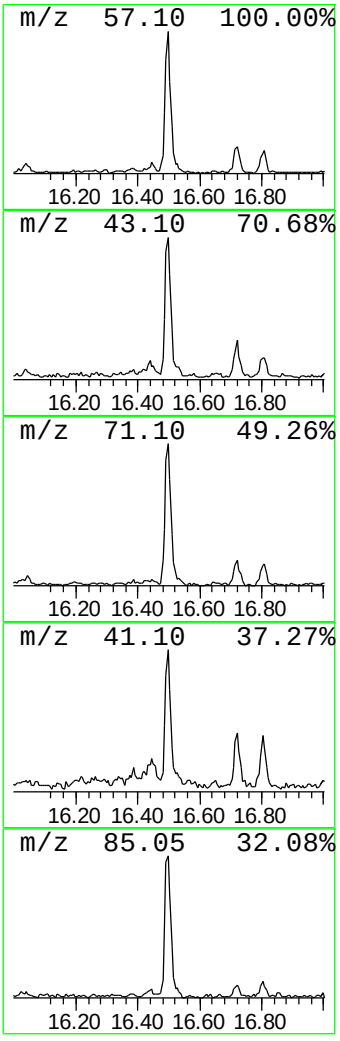
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	8.32 ng/ul	504584	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	80
2	Octacosane	394	C28H58	000630-02-4	80
3	Heneicosane	296	C21H44	000629-94-7	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

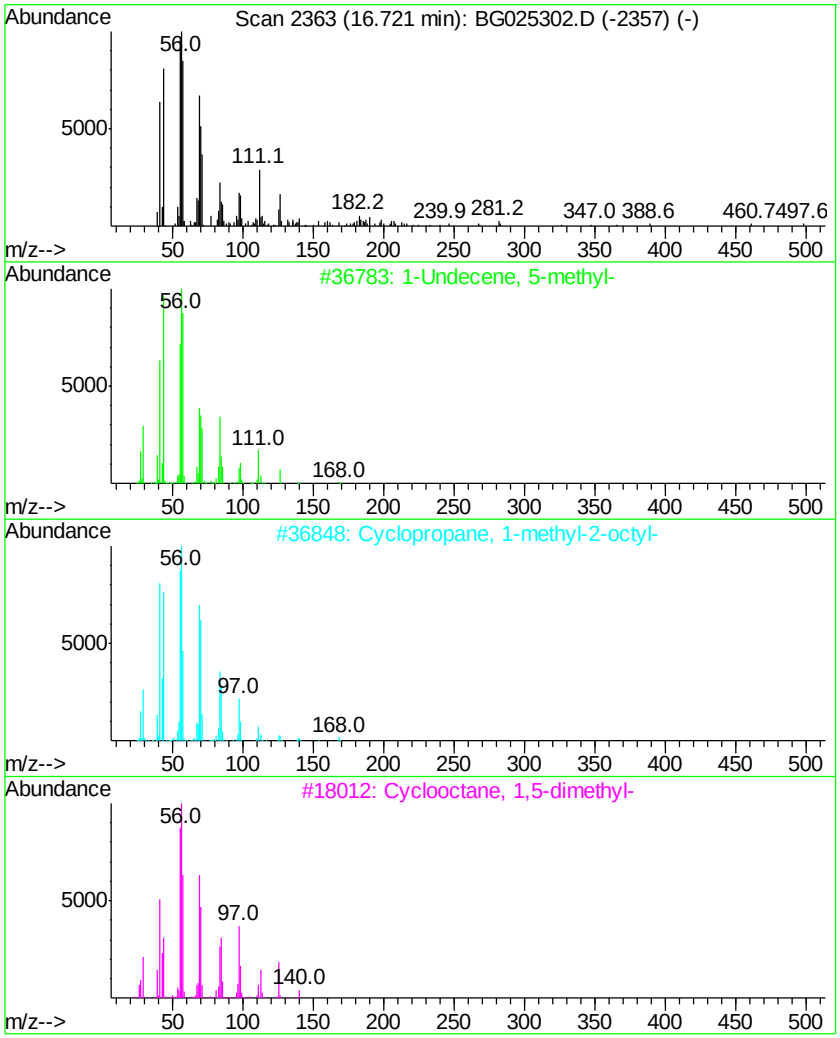
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

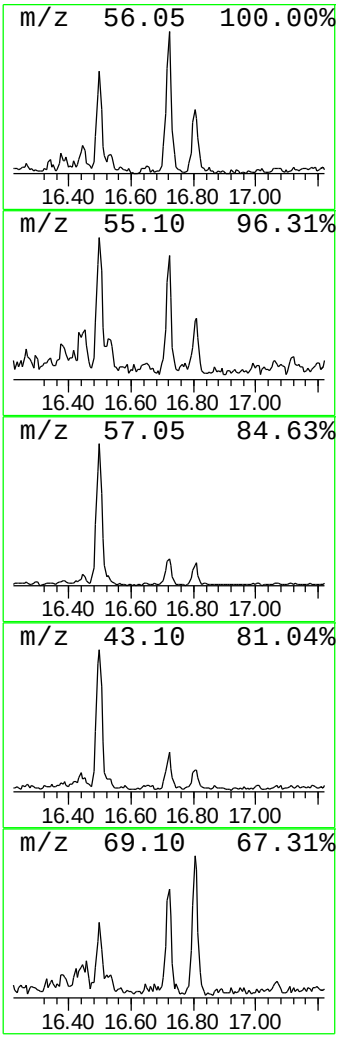
****

Peak Number 57 (DEL) Alkane: Cyclic16.72 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.46 ng/ul	270198	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene, 5-methyl-	168	C12H24	074630-38-9	86
2	Cyclopropane, 1-methyl-2-octyl-	168	C12H24	037617-26-8	64
3	Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	64
4	cis-4-Nonene	126	C9H18	010405-84-2	60
5	1-Undecene, 10-methyl-	168	C12H24	022370-55-4	52





Library Search Compound Report

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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

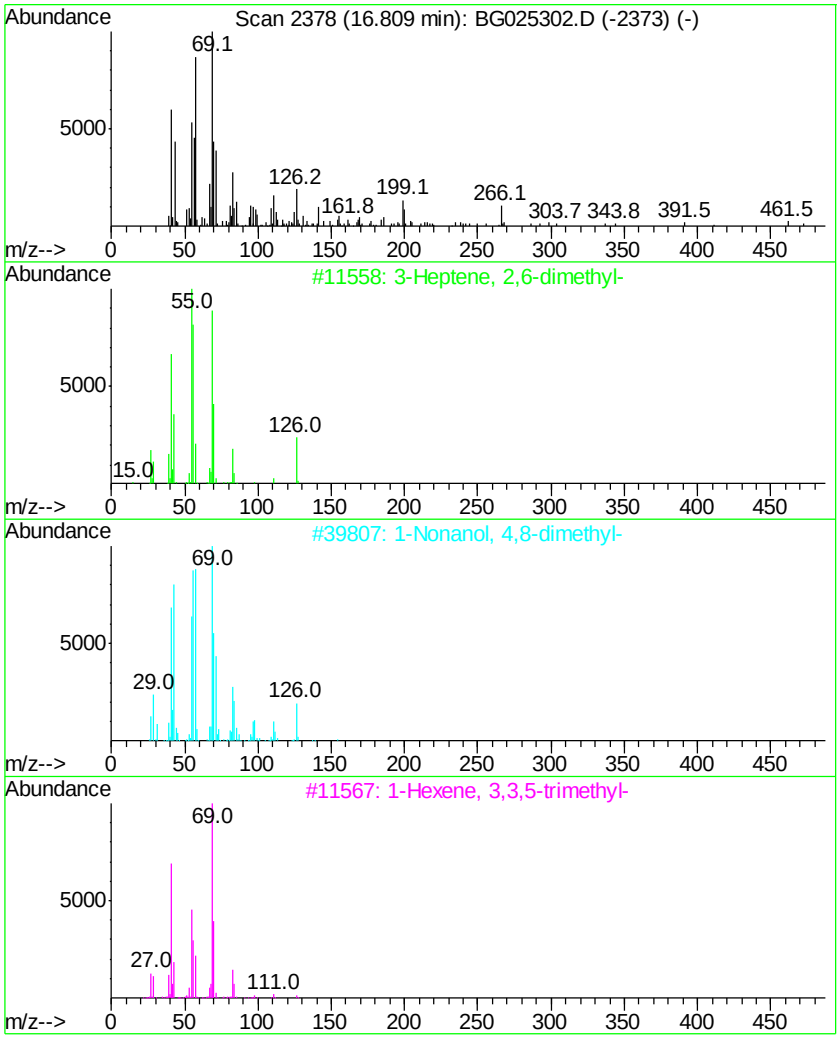
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

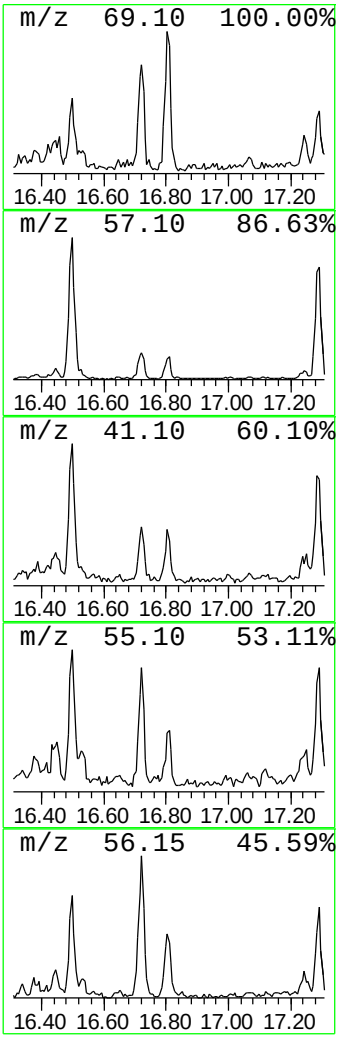
****

Peak Number 58 (DEL) Alkane: Cyclic16.81 Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.81	3.24 ng/ul	196618	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58
2	1-Nonanol, 4,8-dimethyl-	172	C11H24O	033933-80-1	53
3	1-Hexene, 3,3,5-trimethyl-	126	C9H18	013427-43-5	53
4	1-Hexene, 3,3-dimethyl-	112	C8H16	003404-77-1	49
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	47





Library Search Compound Report

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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

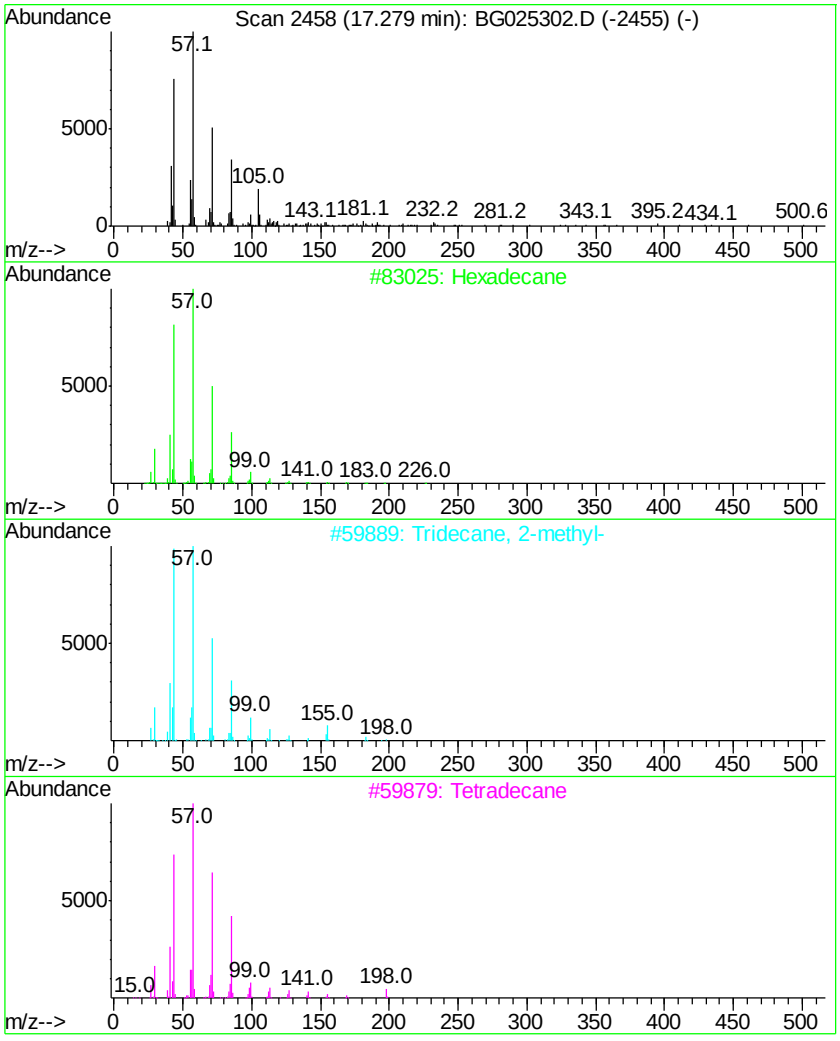
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

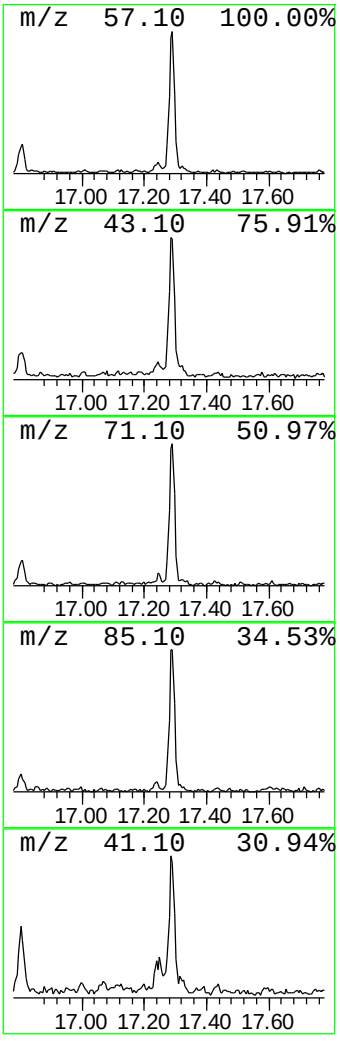
****

Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.28	8.96 ng/ul	543294	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	95
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	87
3	Tetradecane	198	C14H30	000629-59-4	83
4	Tetracosane	338	C24H50	000646-31-1	80
5	Eicosane	282	C20H42	000112-95-8	80





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Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

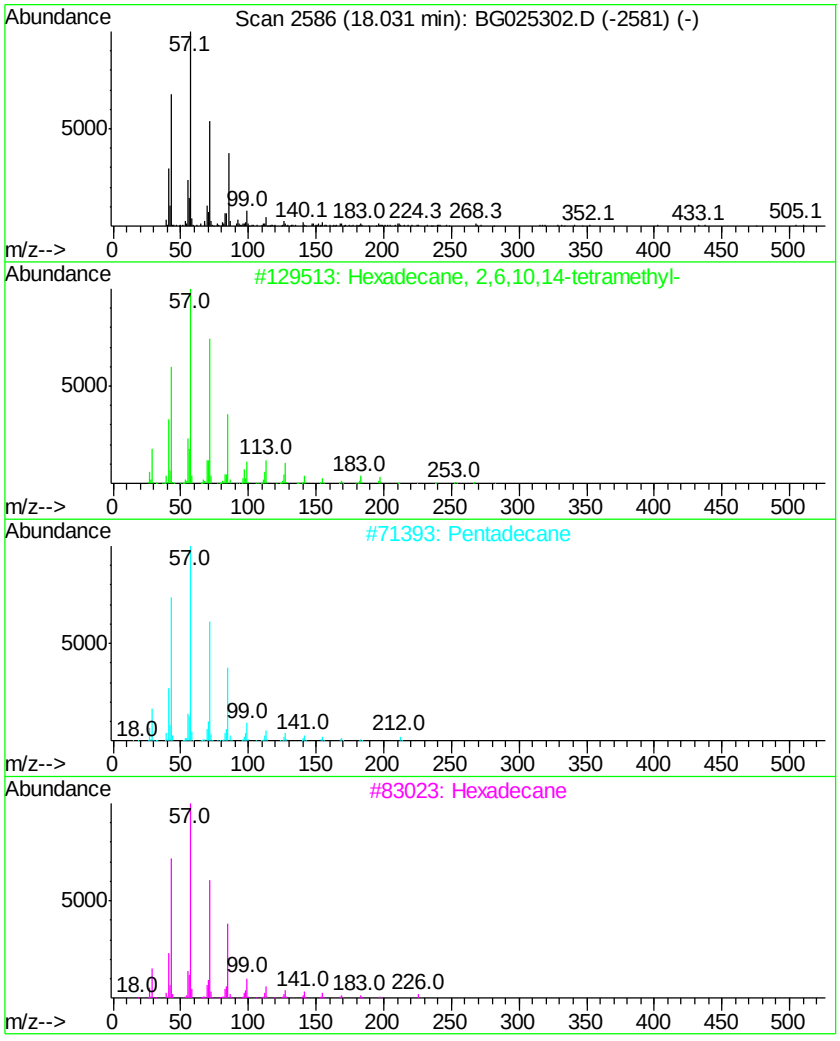
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

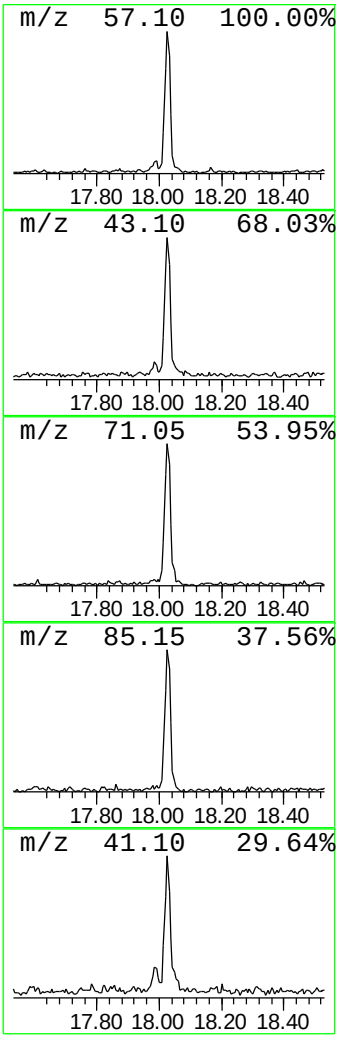
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 61 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	7.77 ng/ul	471364	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	81
2	Pentadecane	212	C15H32	000629-62-9	80
3	Hexadecane	226	C16H34	000544-76-3	80
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Tricosane	324	C23H48	000638-67-5	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

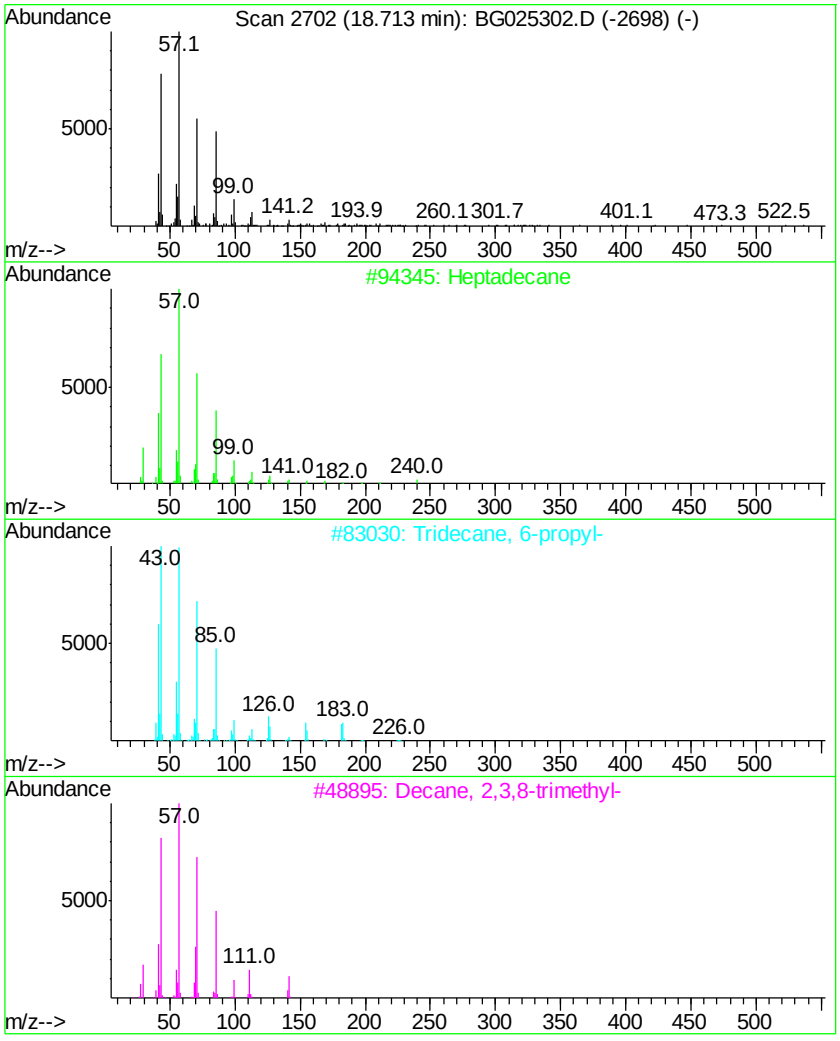
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

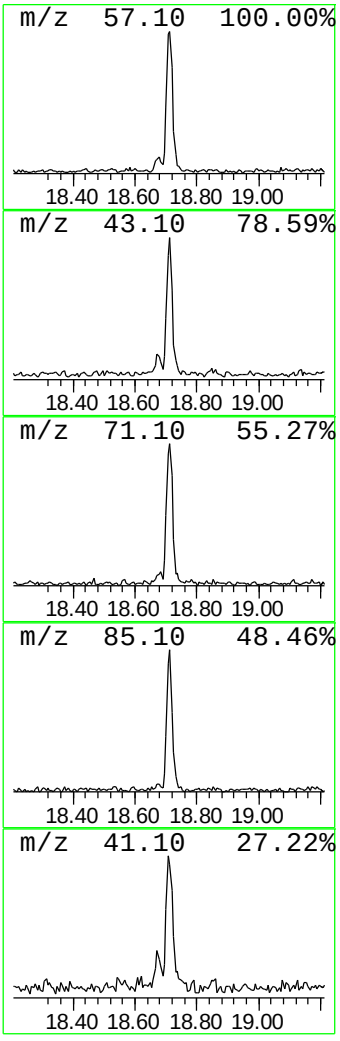
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	5.34 ng/ul	324157	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	83
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	80
3	Decane, 2,3,8-trimethyl-	184	C13H28	062238-14-6	72
4	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
5	Eicosane	282	C20H42	000112-95-8	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

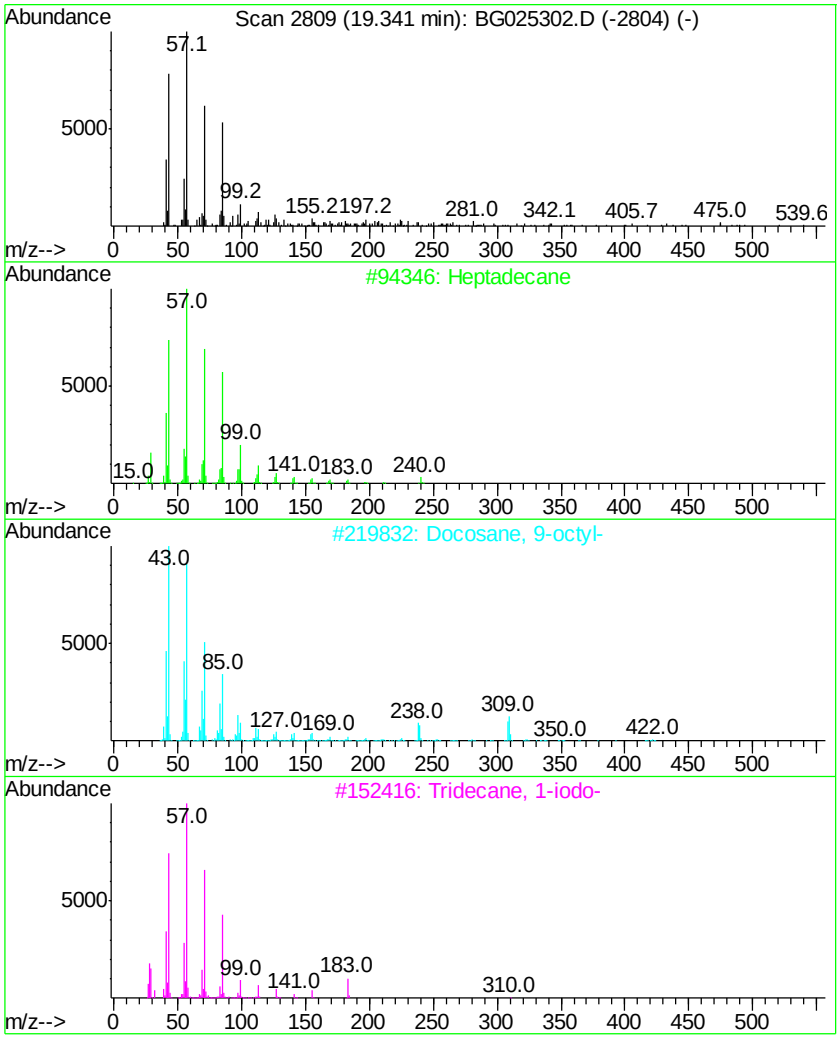
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

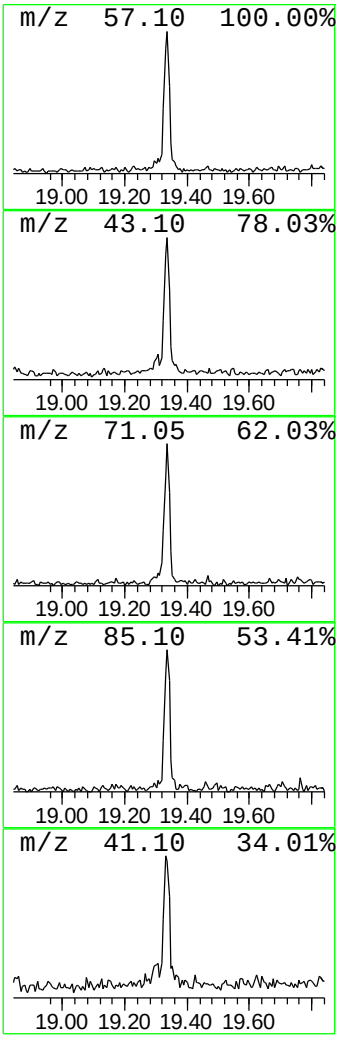
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	4.54 ng/ul	275591	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	91
2	Docosane, 9-octyl-	422	C30H62	055319-83-0	83
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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

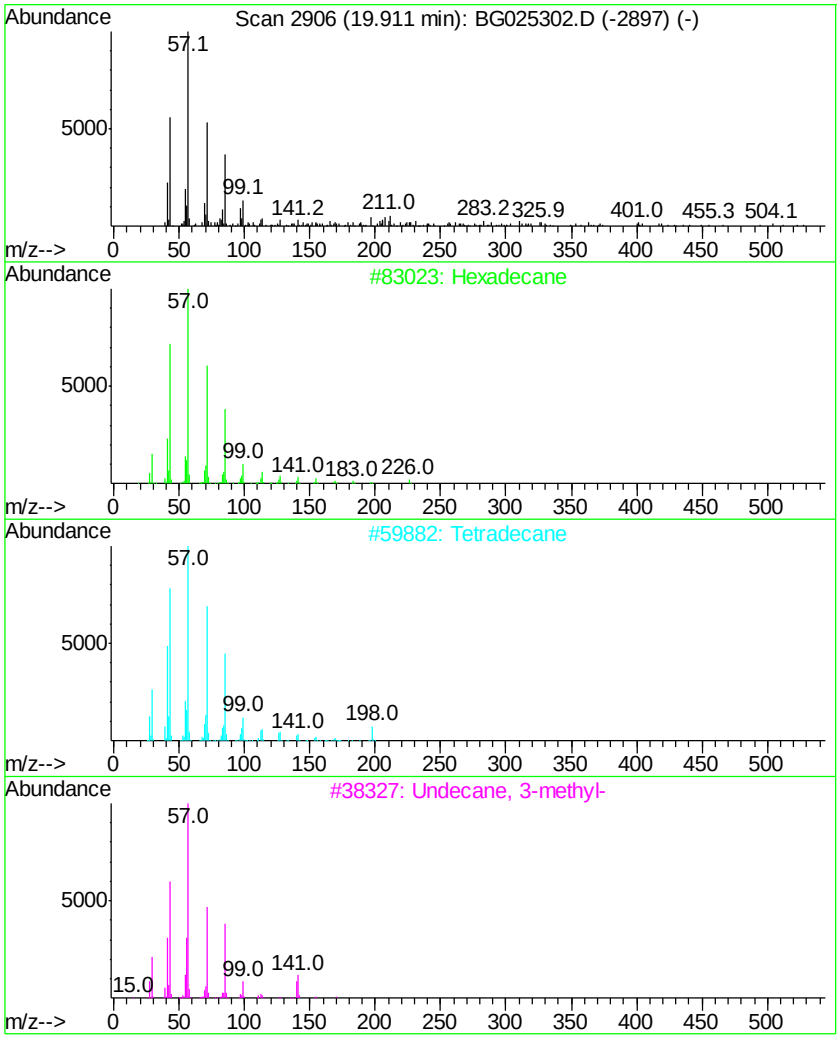
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

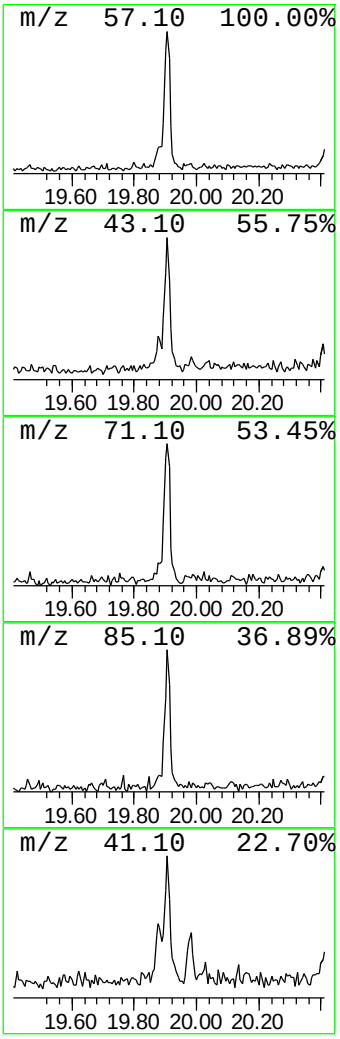
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.91	3.49 ng/ul	277380	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetradecane	198	C14H30	000629-59-4	83
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	83
4	Eicosane	282	C20H42	000112-95-8	83
5	2-Bromotetradecane	276	C14H29Br	074036-95-6	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025302.D
Acq On : 18 Dec 2016 9:17
Operator : UM/SJ
Sample : H5905-02DL 20X
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA804DL

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	2.1	ng/ul	50616	1	8.23	475232	20.0
Benzene, 1,2,3-tr...	7.86	4.0	ng/ul	96099	1	8.23	475232	20.0
unknown-01	8.34	2.8	ng/ul	67141	1	8.23	475232	20.0
unknown-02	8.86	4.2	ng/ul	99096	1	8.23	475232	20.0
o-Cymene	9.33	2.9	ng/ul	69912	1	8.23	475232	20.0
Benzofuran, 7-met...	9.59	2.5	ng/ul	59623	1	8.23	475232	20.0
1H-Indazole, 3-me...	9.71	3.4	ng/ul	123506	2	11.06	718521	20.0
Silane, dichlorof...	10.45	3.4	ng/ul	120789	2	11.06	718521	20.0
2-Methylindene	10.55	2.1	ng/ul	74265	2	11.06	718521	20.0
unknown-03	10.89	2.8	ng/ul	101248	2	11.06	718521	20.0
Benzene, (1,2-dim...	10.98	6.7	ng/ul	241368	2	11.06	718521	20.0
2-(2-Hydroxypheny...	11.23	8.7	ng/ul	311827	2	11.06	718521	20.0
2-Propenal, 2-met...	11.29	24.7	ng/ul	887805	2	11.06	718521	20.0
1H-Benzimidazole,...	11.42	14.9	ng/ul	535856	2	11.06	718521	20.0
3-Buten-2-one, 4-...	11.53	9.4	ng/ul	337495	2	11.06	718521	20.0
1H-Inden-1-one, 2...	11.64	2.8	ng/ul	102161	2	11.06	718521	20.0
1H-Indene, 1-ethy...	11.70	2.4	ng/ul	87311	2	11.06	718521	20.0
2-Propyn-1-ol, 3-...	11.81	3.6	ng/ul	130435	2	11.06	718521	20.0
unknown-04	11.88	2.6	ng/ul	93566	2	11.06	718521	20.0
4-Methyl-2H-benzo...	11.95	2.9	ng/ul	105175	2	11.06	718521	20.0
Bicyclo[6.4.0]dod...	11.99	2.7	ng/ul	98080	2	11.06	718521	20.0
unknown-05	12.09	7.4	ng/ul	266426	2	11.06	718521	20.0
1H-Indene, 1,1-di...	12.14	4.2	ng/ul	151624	2	11.06	718521	20.0
2-Ethyl-1-H-indene	12.19	5.5	ng/ul	197767	2	11.06	718521	20.0
(1-Methylenebut-2...	12.26	8.1	ng/ul	289468	2	11.06	718521	20.0
Ethanone, 1-[4-(1...	12.36	5.6	ng/ul	199862	2	11.06	718521	20.0
(DEL) Alkane: Str...	12.41	6.1	ng/ul	219943	2	11.06	718521	20.0
1H-Indene, 2,3-di...	12.51	4.4	ng/ul	156815	2	11.06	718521	20.0
Naphthalene, 1,2,...	12.57	11.6	ng/ul	414923	2	11.06	718521	20.0
(DEL) Alkane: Str...	13.63	6.2	ng/ul	359506	3	14.85	1161060	20.0
(DEL) Alkane: Str...	14.69	6.9	ng/ul	400451	3	14.85	1161060	20.0
(DEL) Alkane: Str...	15.64	11.5	ng/ul	668511	3	14.85	1161060	20.0
(DEL) Alkane: Str...	16.50	8.3	ng/ul	504584	4	17.60	1212970	20.0
(DEL) Alkane: Cyc...	16.72	4.5	ng/ul	270198	4	17.60	1212970	20.0
(DEL) Alkane: Cyc...	16.81	3.2	ng/ul	196618	4	17.60	1212970	20.0
(DEL) Alkane: Str...	17.28	9.0	ng/ul	543294	4	17.60	1212970	20.0
(DEL) Alkane: Str...	18.03	7.8	ng/ul	471364	4	17.60	1212970	20.0
(DEL) Alkane: Str...	18.71	5.3	ng/ul	324157	4	17.60	1212970	20.0
(DEL) Alkane: Str...	19.34	4.5	ng/ul	275591	4	17.60	1212970	20.0
(DEL) Alkane: Str...	19.91	3.5	ng/ul	277380	5	21.90	1587620	20.0