LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.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	3.034	4	8	23	rVB	230195	332341	2.19%	0.526%
2	4.040	175	179	188	rVB	30233	45165	0.30%	0.072%
3	5.357	398	403	412	rVB	62089	90189	0.60%	0.143%
4	5.493	420	426	438	rVB	150345	298714	1.97%	0.473%
5	5.857	479	488	498	rVB	117088	199393	1.32%	0.316%
6	6.340	565	570	574	rBV	19240	28256	0.19%	0.045%
7	6.828	649	653	658	rVB2	12176	16743	0.11%	0.027%
8	6.934	666	671	677	rBV	188267	277239	1.83%	0.439%
9	6.999	677	682	688	rVB	118741	177564	1.17%	0.281%
10	7.069	688	694	704	rVB	246807	367370	2.43%	0.582%
11	7.169	706	711	717	rBV	35902	61285	0.40%	0.097%
12	7.234	717	722	729	rVB	51495	76940	0.51%	0.122%
13	7.369	740	745	752	rVB	38262	59950	0.40%	0.095%
14	7.493	760	766	773	rBV	543714	822685	5.43%	1.303%
15	7.563	773	778	787	rVB	158574	249680	1.65%	0.395%
16	7.840	818	825	831	rBV	953281	1487837	9.82%	2.357%
17	7.887	831	833	838	rVB	19987	22488	0.15%	0.036%
18	7.957	838	845	853	rBV	204748	333499	2.20%	0.528%
19	8.022	853	856	862	rVB	16971	24487	0.16%	0.039%
20	8.216	882	889	897	rBV	2725487	4214280	27.83%	6.675%
21	8.375	904	916	929	rBV	1494026	2481749	16.39%	3.931%
22	8.487	929	935	940	rVV	94612	148401	0.98%	0.235%
23	8.540	940	944	950	rVV2	31240	55708	0.37%	0.088%
24	8.593	950	953	959	rVB2	9397	16559	0.11%	0.026%
25	8.681	959	968	973	rBV5	11250	25903	0.17%	0.041%
26	8.798	982	988	992	rBV	26732	37862	0.25%	0.060%
27	8.851	992	997	1002	rVB	27289	41324	0.27%	0.065%
28	8.951	1002	1014	1018	rBV	141772	224712	1.48%	0.356%
29	8.993	1018	1021	1023	rVV	49323	75873	0.50%	0.120%
30	9.028	1023	1027	1035	rVB	196891	314589	2.08%	0.498%
31	9.193	1047	1055	1063	rBV	283228	460218	3.04%	0.729%
32	9.316	1065	1076	1082	rVV	554398	1167728	7.71%	1.850%
33	9.381	1082	1087	1093	rVV	159514	257301	1.70%	0.408%
34	9.469	1097	1102	1107	rVV	74130	114804	0.76%	0.182%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Title : SVOA CALIBRATION

35	9.528	1107	1112	1118	rVB	86545	135447	0.89%	0.215%
36	9.716	1136	1144	1151	rVB2	26739	41570	0.27%	0.066%
37	9.887	1168	1173	1184	rVB	227597	368284	2.43%	0.583%
38	10.040	1192	1199	1209	rBV3	365696	734523	4.85%	1.163%
39	10.134	1209	1215	1228	rVV2	64303	160506	1.06%	0.254%
40	10.269	1228	1238	1245	rVB2	162570	331135	2.19%	0.524%
41	10.634	1291	1300	1303	rBV	1321315	2186210	14.44%	3.463%
42	10.687	1303	1309	1317	rVV	8890389	15144939	100.00%	23.988%
43	10.798	1321	1328	1339	rVV	1139151	1979006	13.07%	3.135%
44	10.987	1355	1360	1366	rBV3	21759	39569	0.26%	0.063%
45	11.051	1366	1371	1376	rVB2	18844	31028	0.20%	0.049%
46	11.298	1408	1413	1418	rVB2	12367	18866	0.12%	0.030%
47	11.739	1483	1488	1499	rBV2	41185	72519	0.48%	0.115%
48	12.010	1527	1534	1543	rVB	169267	282229	1.86%	0.447%
49	12.186	1559	1564	1572	rVB	110262	169361	1.12%	0.268%
50	12.292	1572	1582	1590	rBV	2604031	4185707	27.64%	6.630%
51	12.410	1596	1602	1607	rBV	64283	113847	0.75%	0.180%
52	12.516	1607	1620	1629	rVB	1520770	2476112	16.35%	3.922%
53	12.875	1676	1681	1685	rBV	16291	22452	0.15%	0.036%
54	12.928	1685	1690	1695	rVB2	34637	50225	0.33%	0.080%
55	13.181	1729	1733	1740	rVB3	20900	36356	0.24%	0.058%
56	13.304	1745	1754	1765	rVB	330045	498925	3.29%	0.790%
57	13.433	1771	1776	1782	rBV5	19532	34816	0.23%	0.055%
58	13.504	1782	1788	1797	rVV	42287	73758	0.49%	0.117%
59	13.598	1799	1804	1807	rBV	43207	64684	0.43%	0.102%
60	13.639	1807	1811	1820	rVB3	61284	135694	0.90%	0.215%
61	13.792	1831	1837	1842	rBV	76289	128755	0.85%	0.204%
62	13.845	1842	1846	1848	rVV	45143	59371	0.39%	0.094%
63	13.880	1848	1852	1856	rVB	123890	177043	1.17%	0.280%
64	14.028	1871	1877	1881	rBV	24685	36519	0.24%	0.058%
65	14.163	1894	1900	1910	rBV2	131334	269816	1.78%	0.427%
66	14.469	1943	1952	1958	rBV2	2030753	3125685	20.64%	4.951%
67	14.533	1958	1963	1969	rVV	740901	1059046	6.99%	1.677%
68	14.592	1969	1973	1978	rVV	63823	90926	0.60%	0.144%
69	14.645	1978	1982	1992	rVB6	22796	51576	0.34%	0.082%
70	14.780	2001	2005	2009	rVB2	11568	16748	0.11%	0.027%
71	14.869	2014	2020	2026	rVV	520684	751407	4.96%	1.190%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Title : SVOA CALIBRATION

72	14.933	2026	2031	2036	rBV2	15036	24107	0.16%	0.038%
73	15.180	2062	2073	2078	rVB3	16113	28394	0.19%	0.045%
74	15.386	2103	2108	2115	rBV	70245	108898	0.72%	0.172%
75	15.463	2115	2121	2125	rVV	187972	272583	1.80%	0.432%
76	15.516	2125	2130	2135	rVV	421555	578481	3.82%	0.916%
77	15.569	2135	2139	2143	rVB	22751	30004	0.20%	0.048%
78	15.680	2154	2158	2163	rVB3	15486	22952	0.15%	0.036%
79	15.810	2176	2180	2186	rVB3	27910	42731	0.28%	0.068%
80	15.957	2200	2205	2213	rVB3	33970	66092	0.44%	0.105%
81	16.180	2235	2243	2250	rBV2	120441	202739	1.34%	0.321%
82	16.304	2256	2264	2271	rBV3	34277	71372	0.47%	0.113%
83	16.392	2277	2279	2285	rVB3	9651	15298	0.10%	0.024%
84	16.486	2288	2295	2298	rVV7	13655	27066	0.18%	0.043%
85	16.580	2306	2311	2318	rVV4	14779	24445	0.16%	0.039%
86	16.674	2321	2327	2334	rVB4	10317	19588	0.13%	0.031%
87	16.821	2346	2352	2355	rBV2	29009	51773	0.34%	0.082%
88	16.857	2355	2358	2362	rVB	19868	27810	0.18%	0.044%
89	16.992	2377	2381	2383	rBV3	11350	15197	0.10%	0.024%
90	17.021	2383	2386	2392	rVB	29535	39415	0.26%	0.062%
91	17.210	2411	2418	2422	rBV	2532509	3609845	23.84%	5.718%
92	17.251	2422	2425	2429	rVB	450397	571245	3.77%	0.905%
93	17.304	2429	2434	2439	rBV	216903	307005	2.03%	0.486%
94	17.604	2475	2485	2491	rVV	122416	181707	1.20%	0.288%
95	18.127	2571	2574	2579	rVB4	18161	25138	0.17%	0.040%
96	18.280	2595	2600	2604	rBV2	30350	45120	0.30%	0.071%
97	19.262	2762	2767	2773	rBV	123396	161476	1.07%	0.256%
98	19.592	2819	2823	2827	rBV	231247	336160	2.22%	0.532%
99	21.386	3122	3128	3136	rBV	2726524	3457140	22.83%	5.476%
100	23.662	3509	3515	3527	rVB2	1574260	3008009	19.86%	4.764%

Sum of corrected areas: 63135286

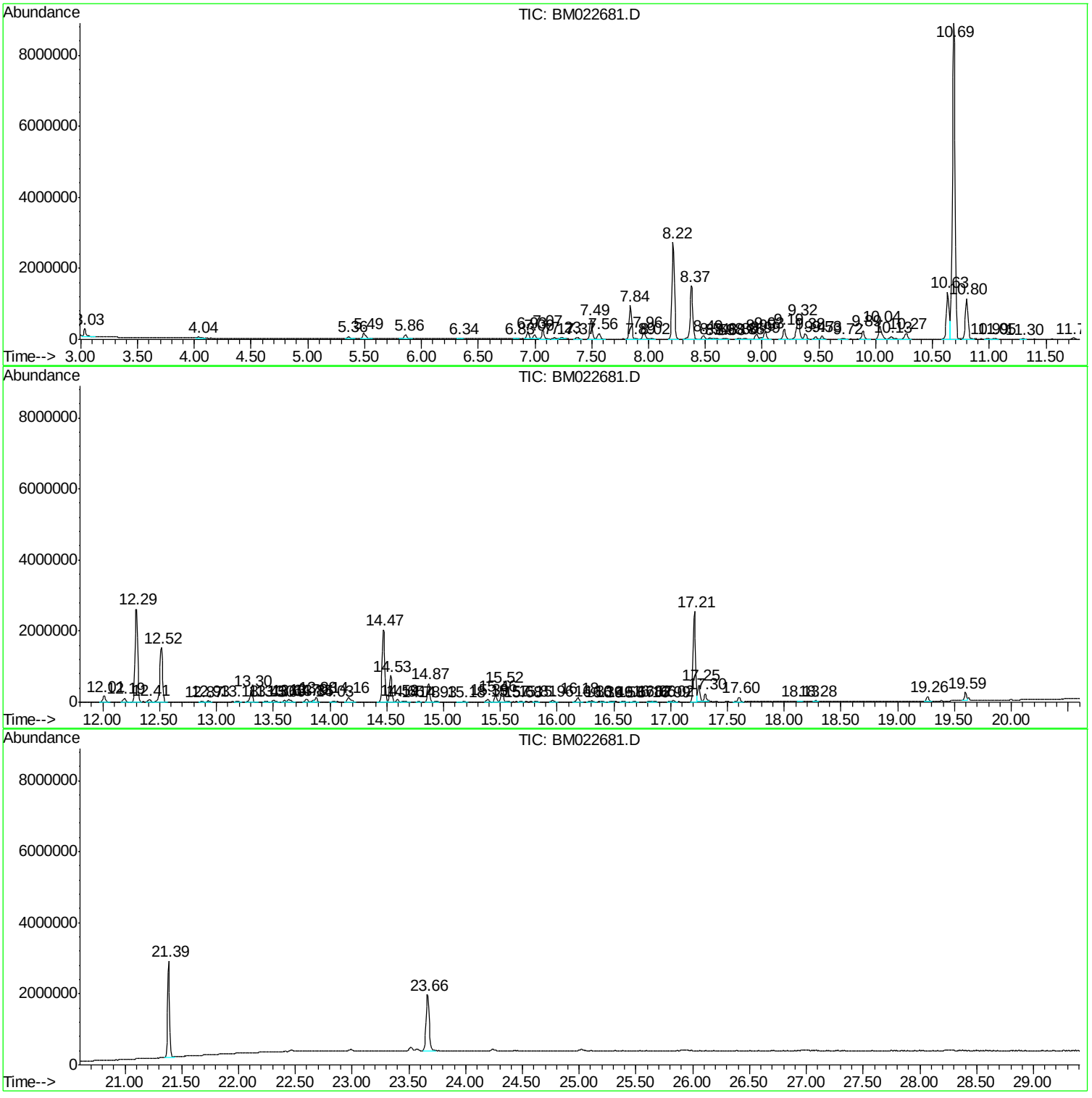
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

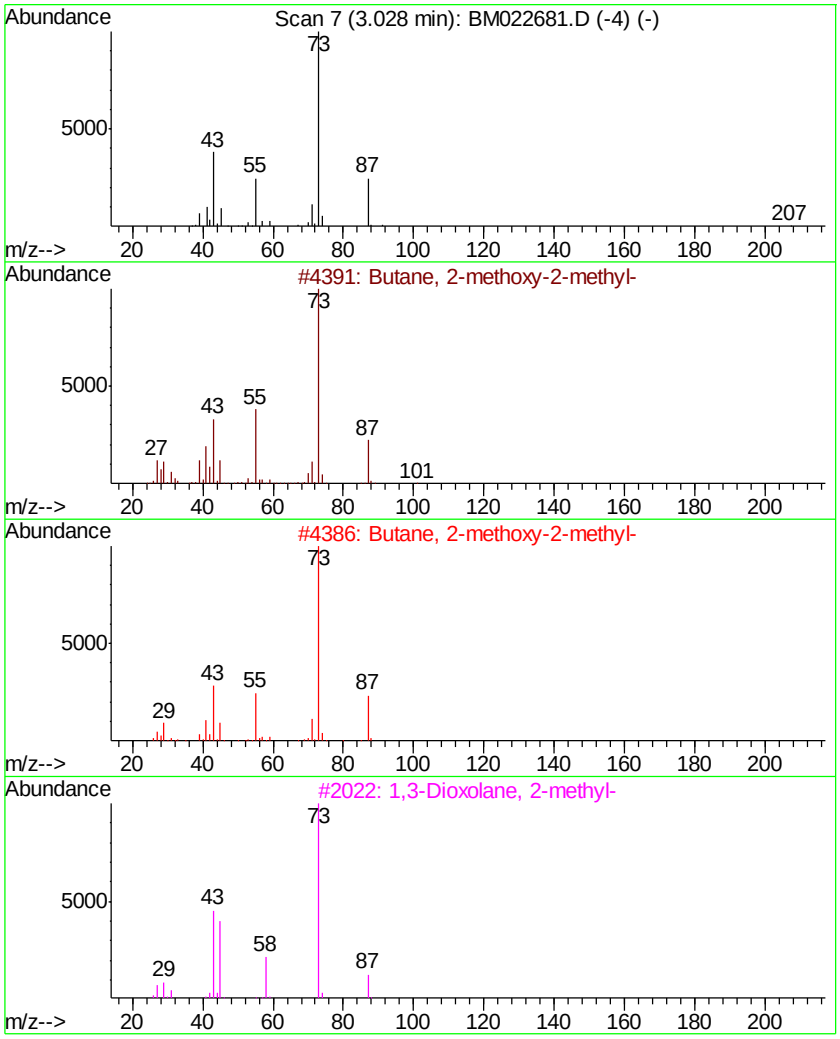
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

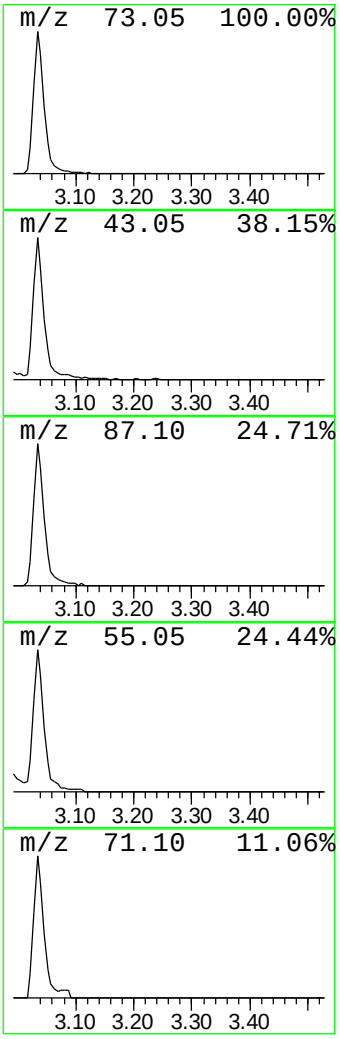
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.03	4.47 ng/ul	332341	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

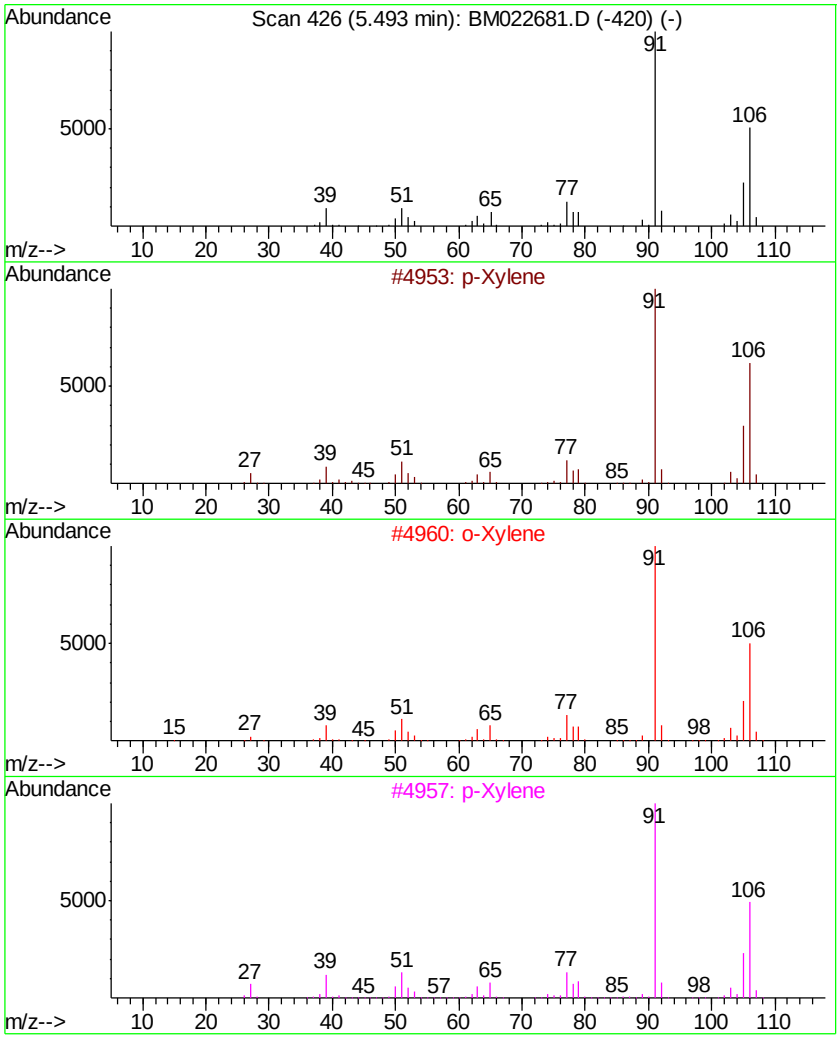
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

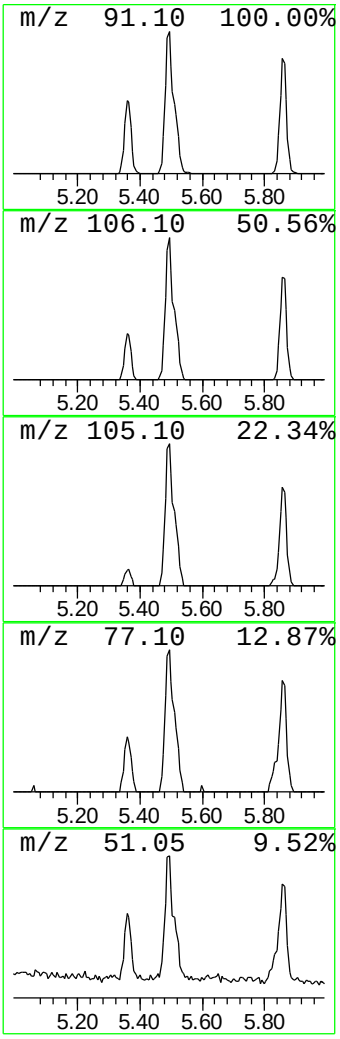
****

Peak Number 2 p-Xylene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.49	4.02 ng/ul	298714	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	p-Xylene	106	C8H10	000106-42-3	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

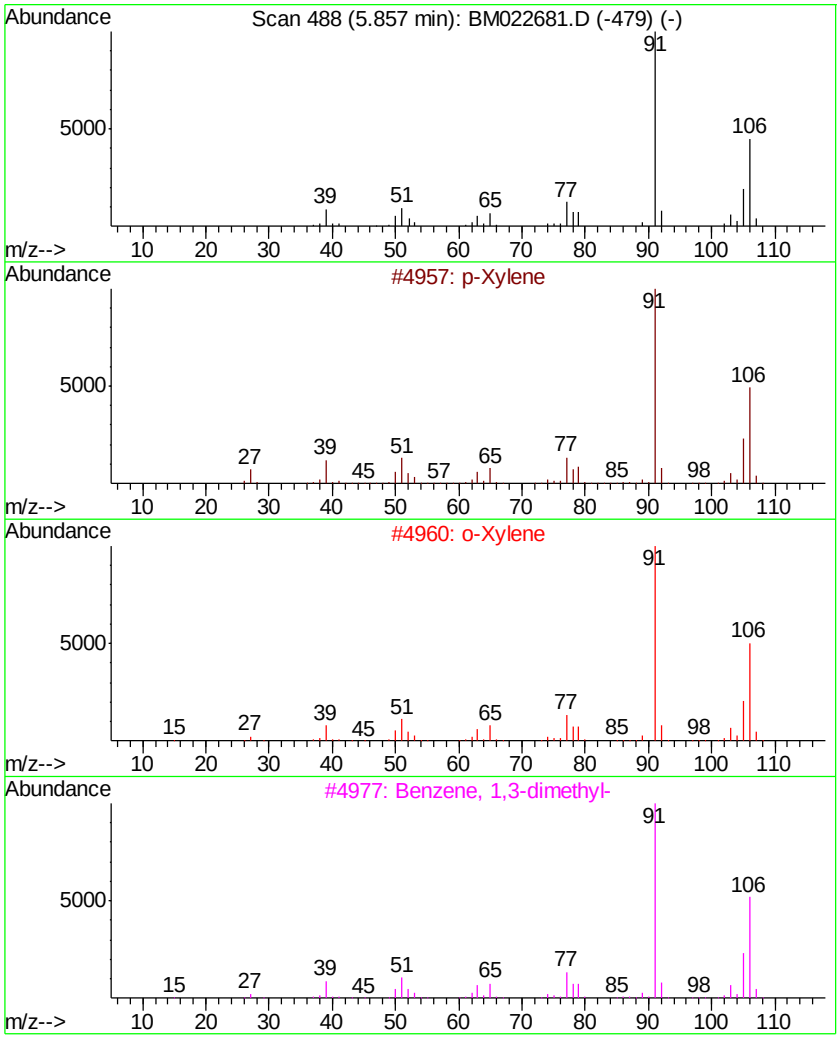
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

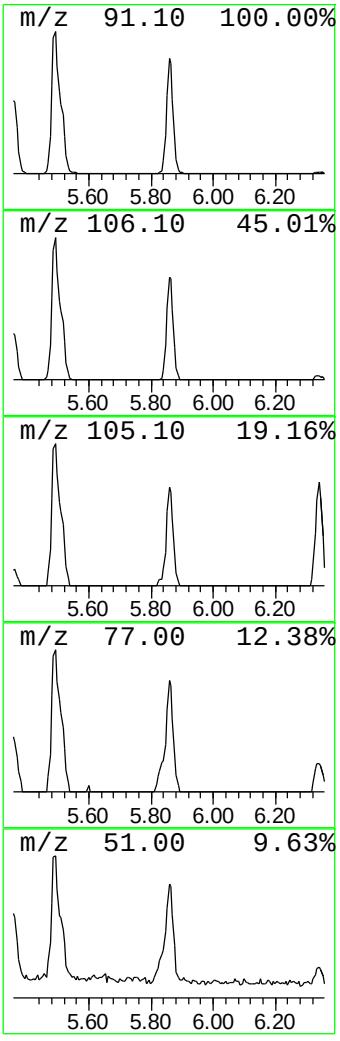
****

Peak Number 3 o-Xylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.86	2.68 ng/ul	199393	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	o-Xylene	106	C8H10	000095-47-6	97
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	95
5	p-Xylene	106	C8H10	000106-42-3	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

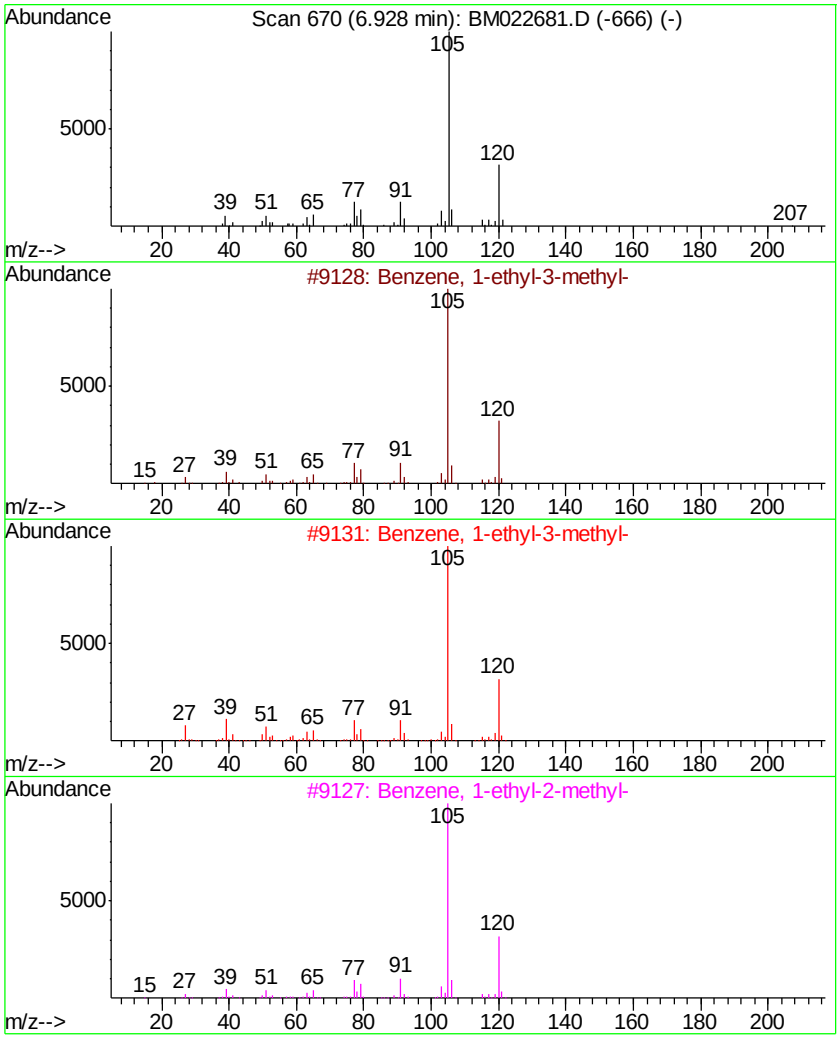
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

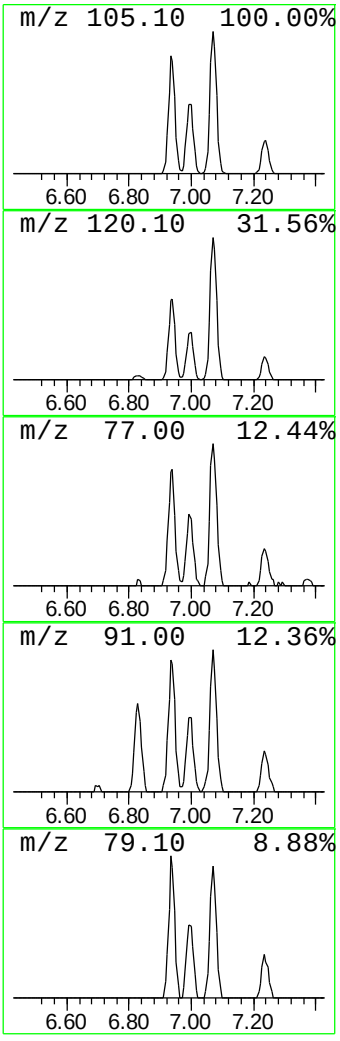
****

Peak Number 4 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.93	3.73 ng/ul	277239	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	97
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

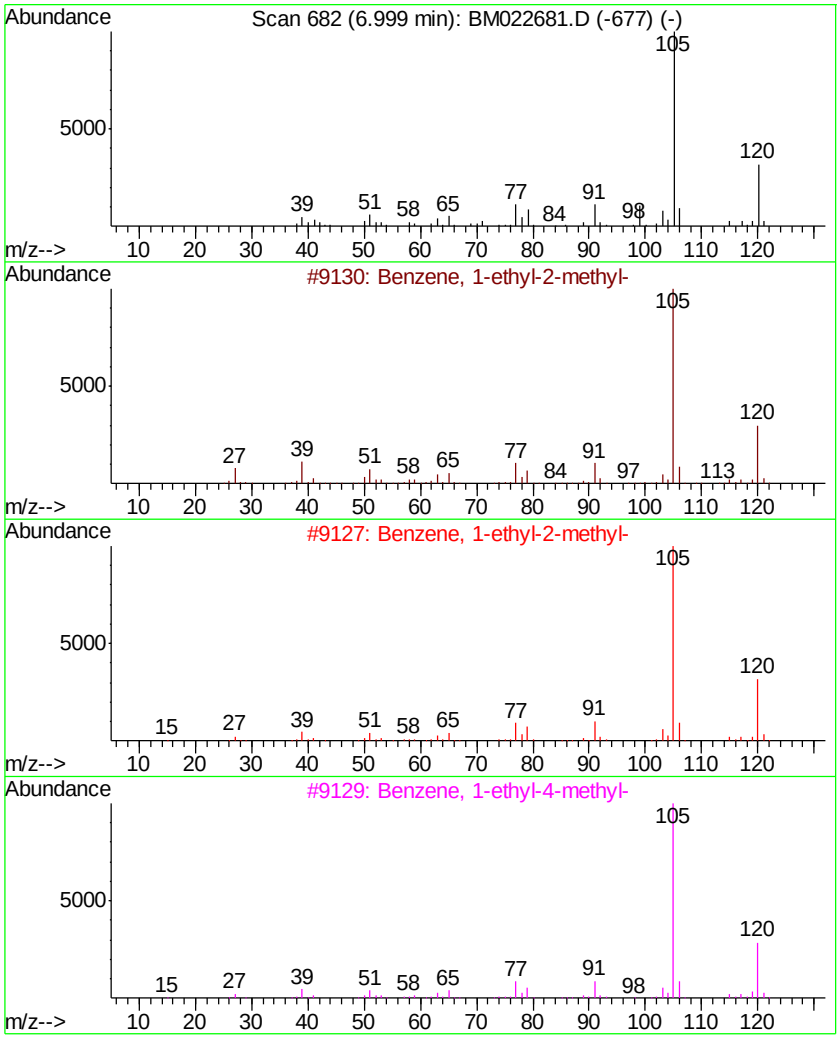
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

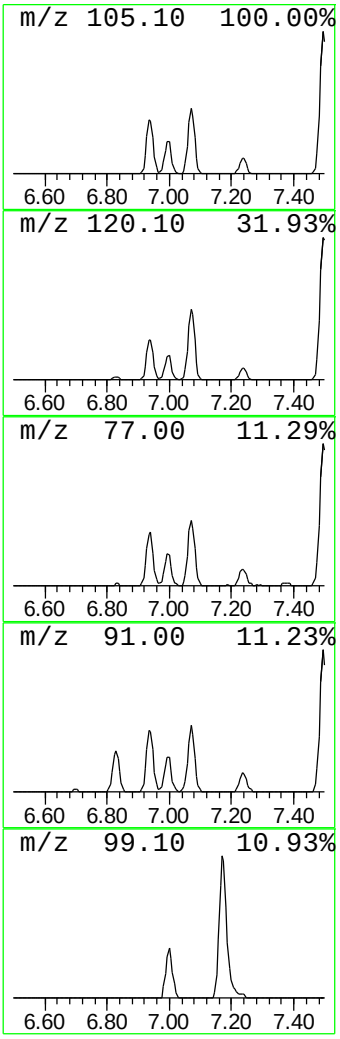
****

Peak Number 5 Benzene, 1-ethyl-4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.00	2.39 ng/ul	177564	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87





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Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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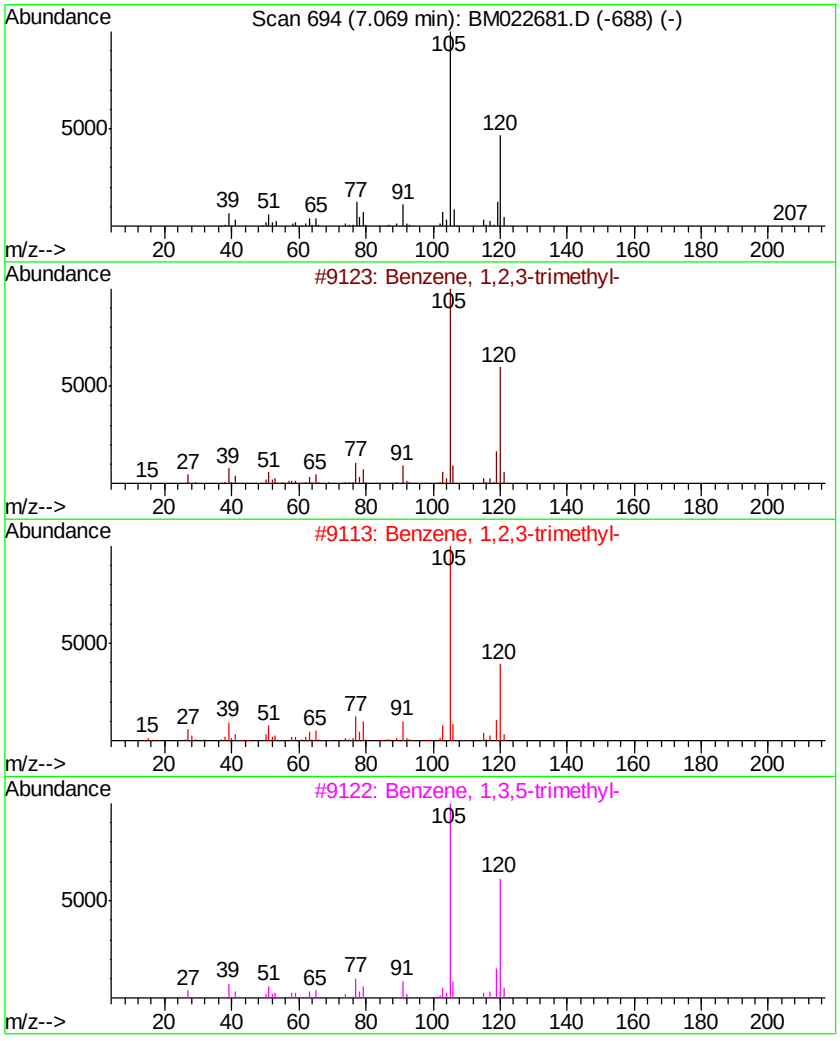
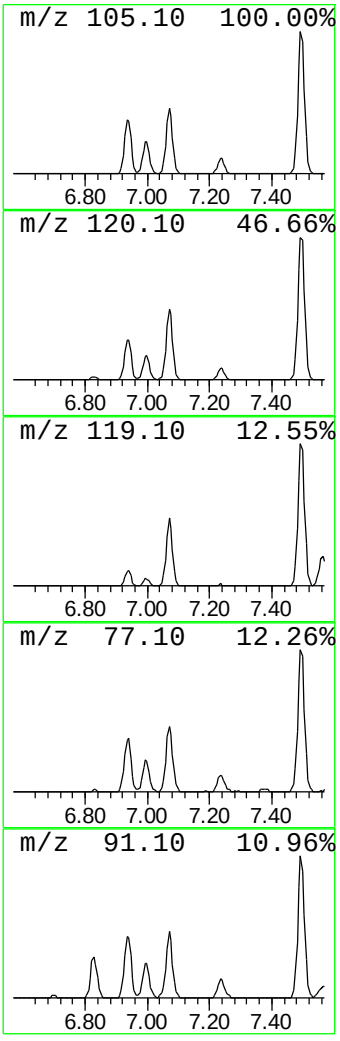
Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.07	4.94 ng/ul	367370	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	93
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93





Library Search Compound Report

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Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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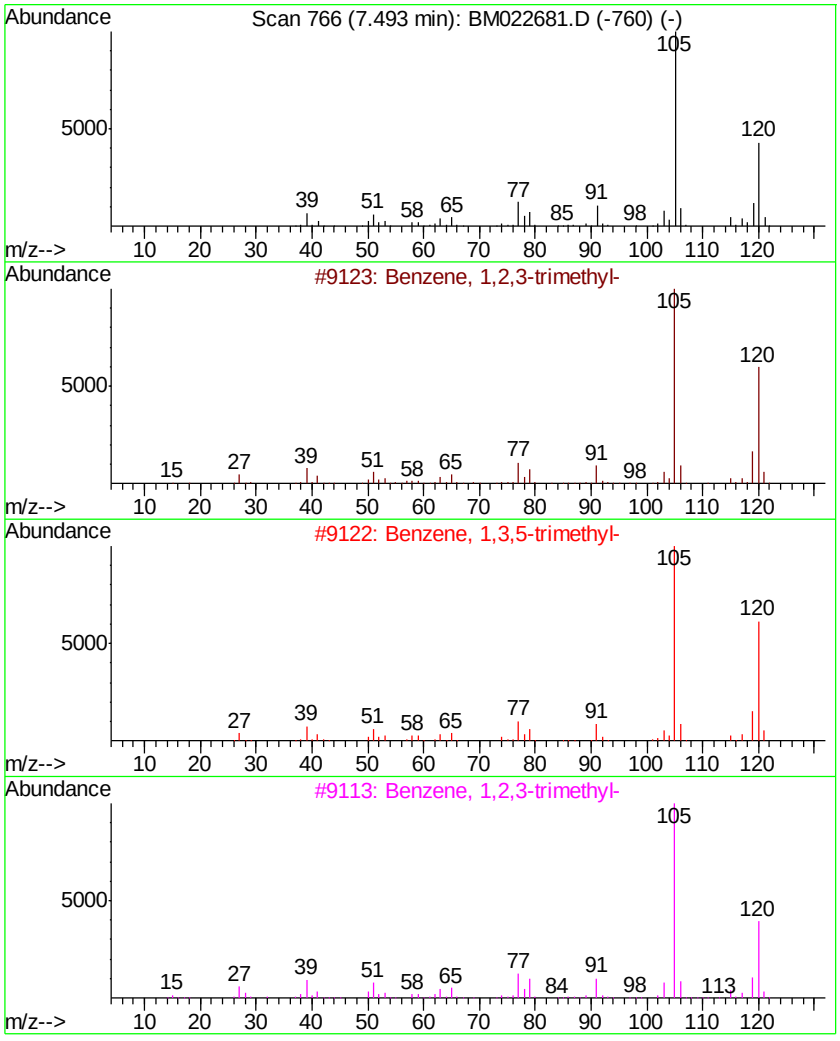
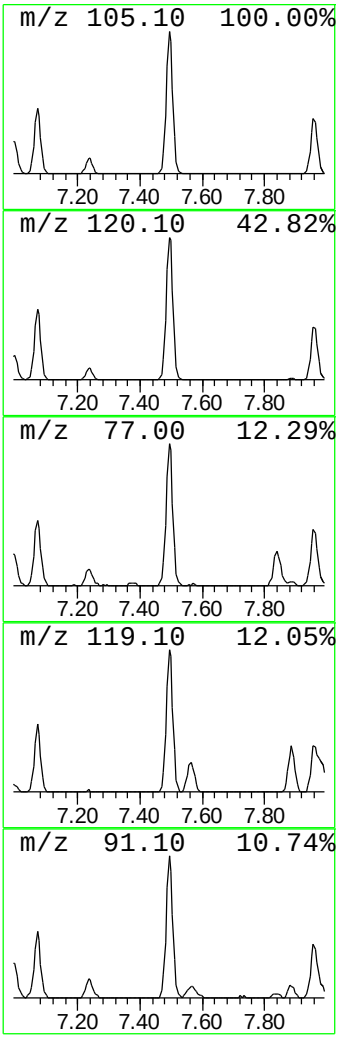
Peak Number 7 Benzene, 1,3,5-trimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.49	11.06 ng/ul	822685	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	97
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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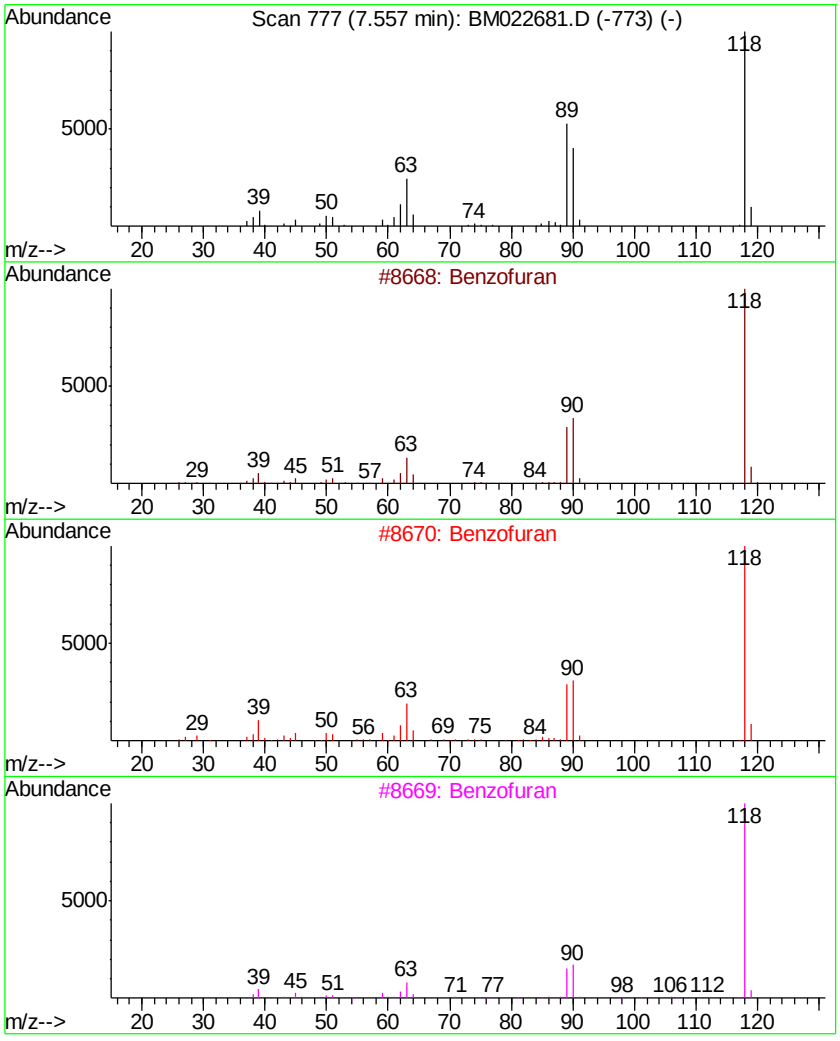
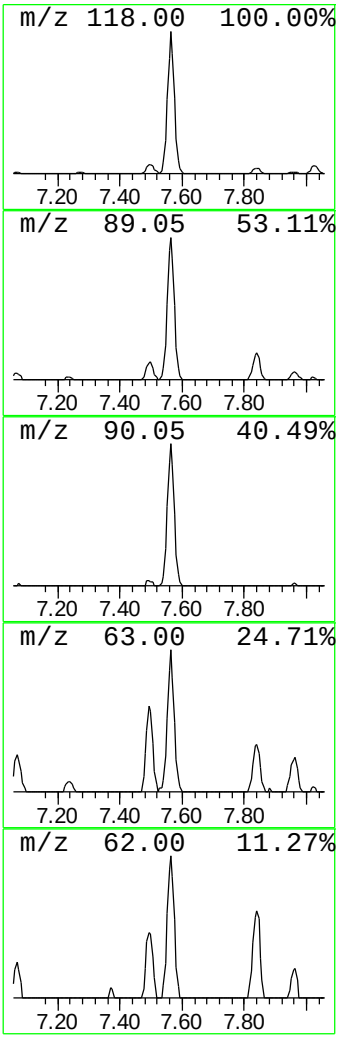
Peak Number 8 Benzofuran Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.56	3.36 ng/ul	249680	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	90
3	Benzofuran	118	C8H6O	000271-89-6	90
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	83
5	2H-Cyclopenta[d]pyridazine	118	C7H6N2	000270-64-4	58





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Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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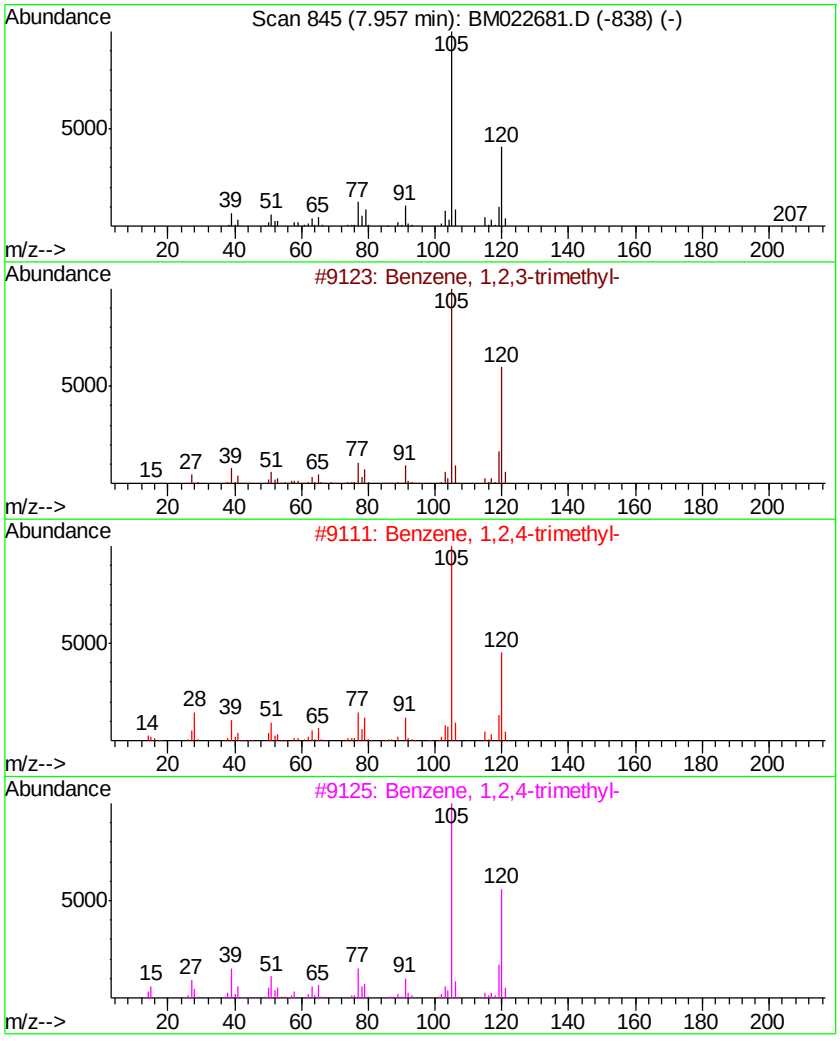
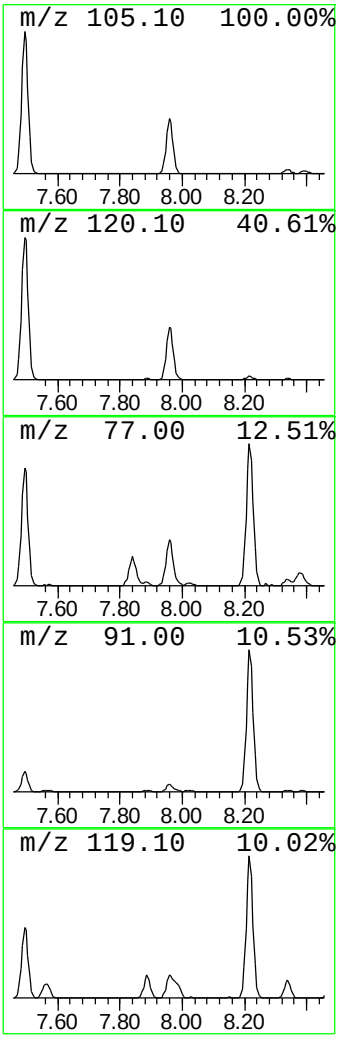
Peak Number 9 Benzene, 1-ethyl-3-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.96	4.48 ng/ul	333499	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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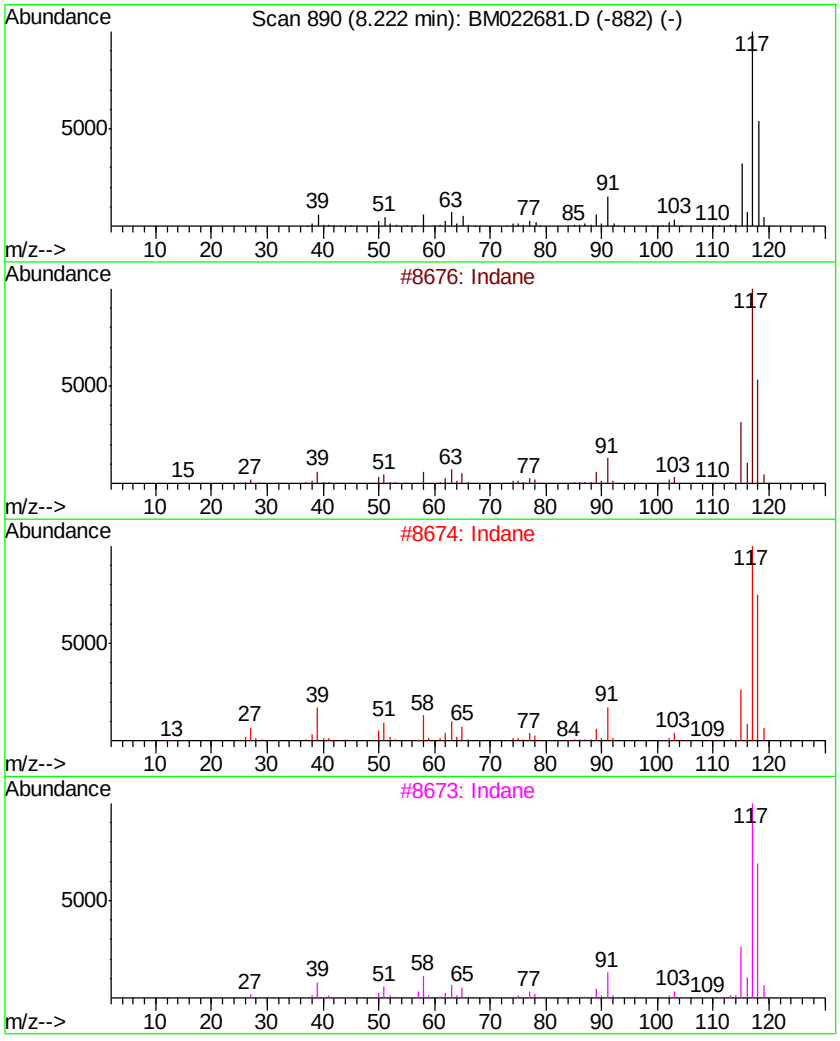
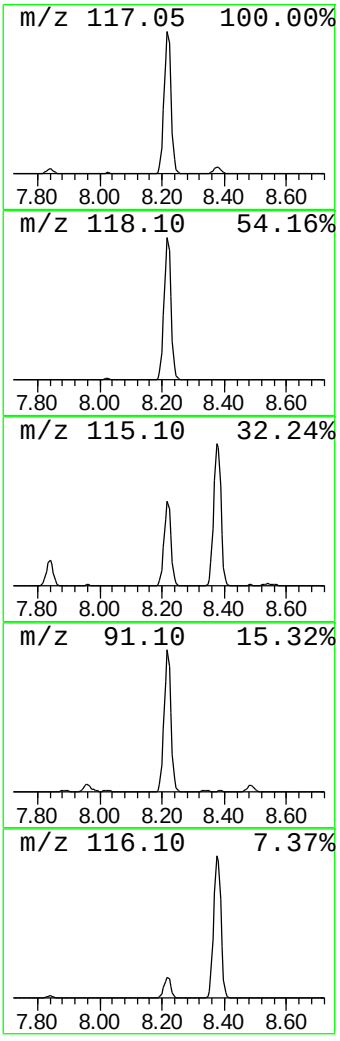
Peak Number 10 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.22	56.65 ng/ul	4214280	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	83
4	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	80
5	Deltacyclene	118	C9H10	007785-10-6	72





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Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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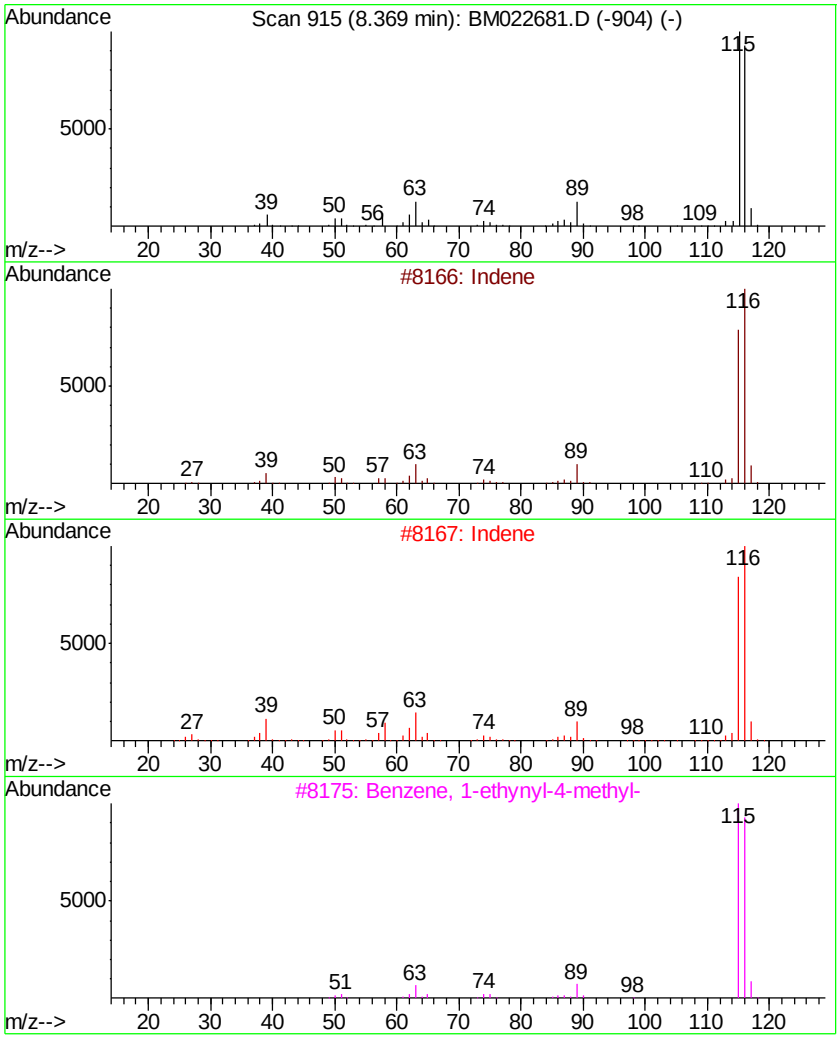
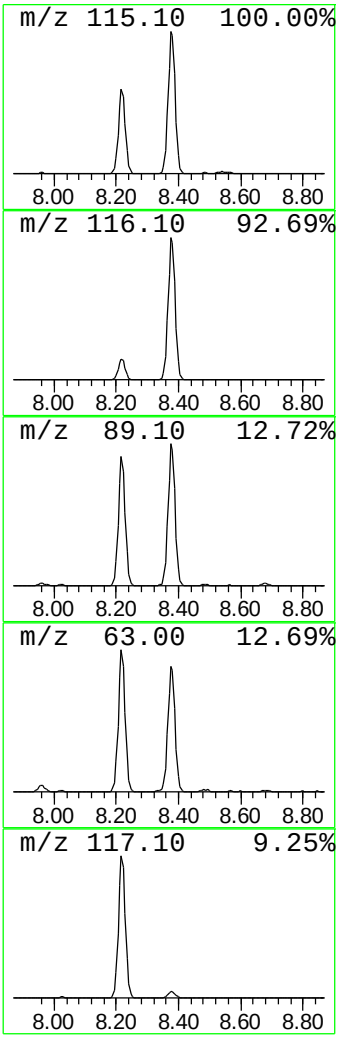
Peak Number 11 Indene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.37	33.36 ng/ul	2481750	1,4-Dichlorobenzene-d4	7.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Indene	116	C9H8	000095-13-6	94
3	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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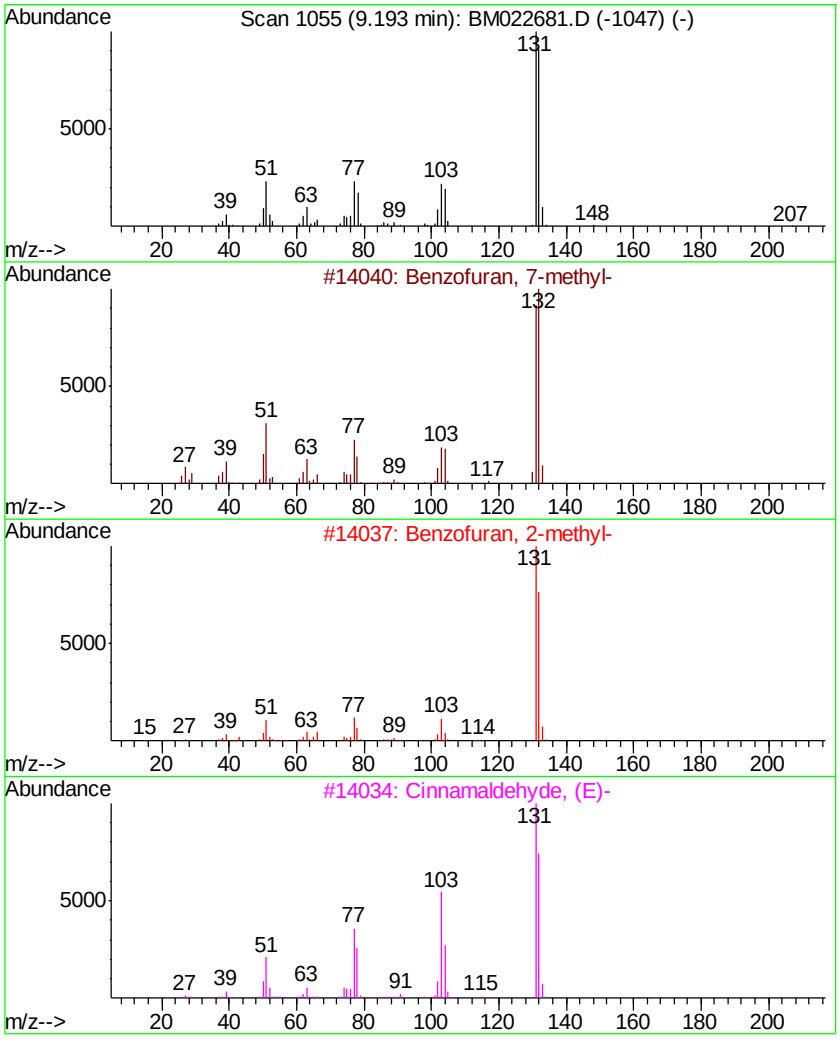
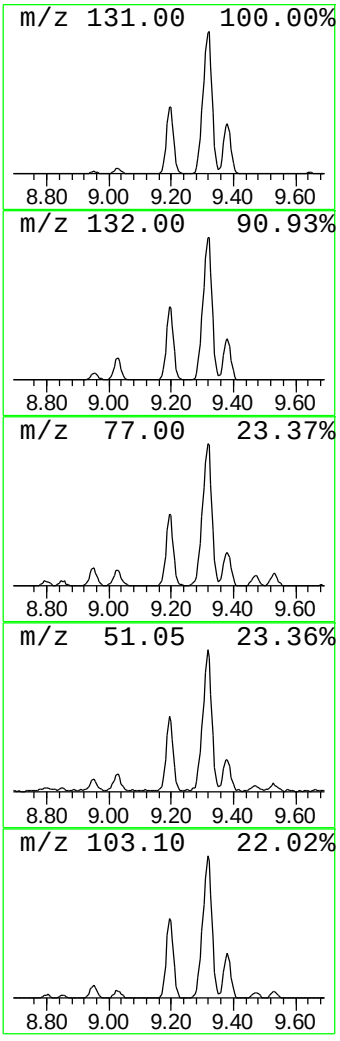
Peak Number 12 Benzofuran, 7-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.19	6.19 ng/ul	460218	1,4-Dichlorobenzene-d4	7.84

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	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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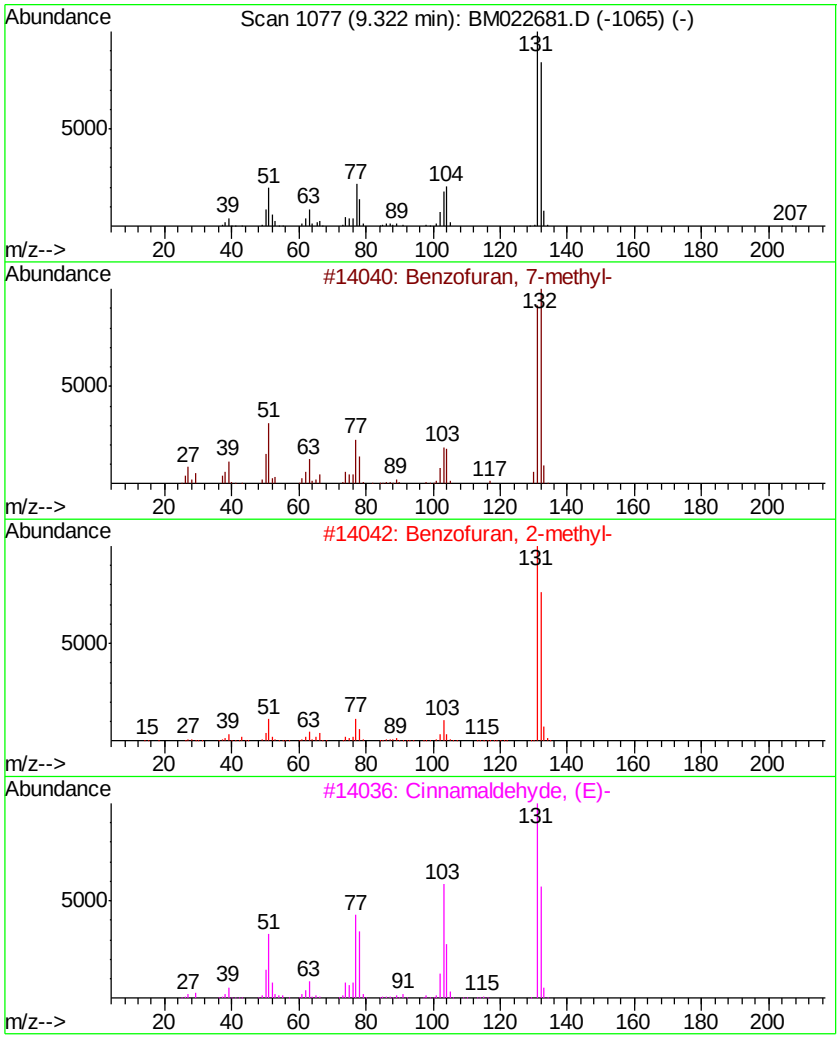
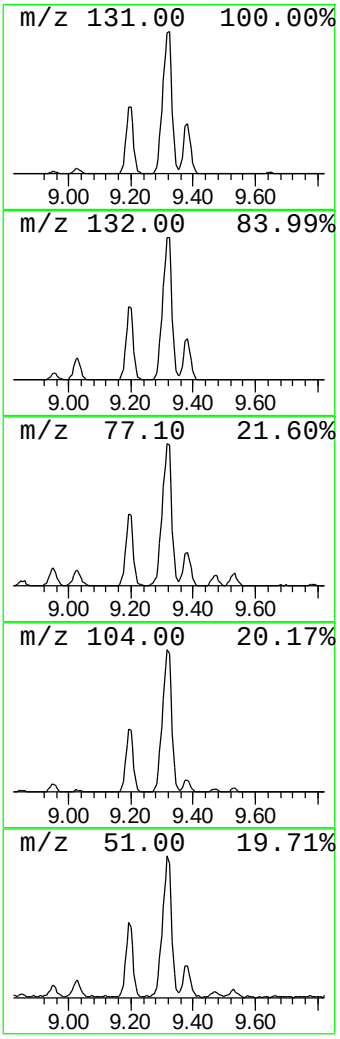
Peak Number 13 Cinnamaldehyde, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	10.68 ng/ul	1167730	Naphthalene-d8	10.63

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





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Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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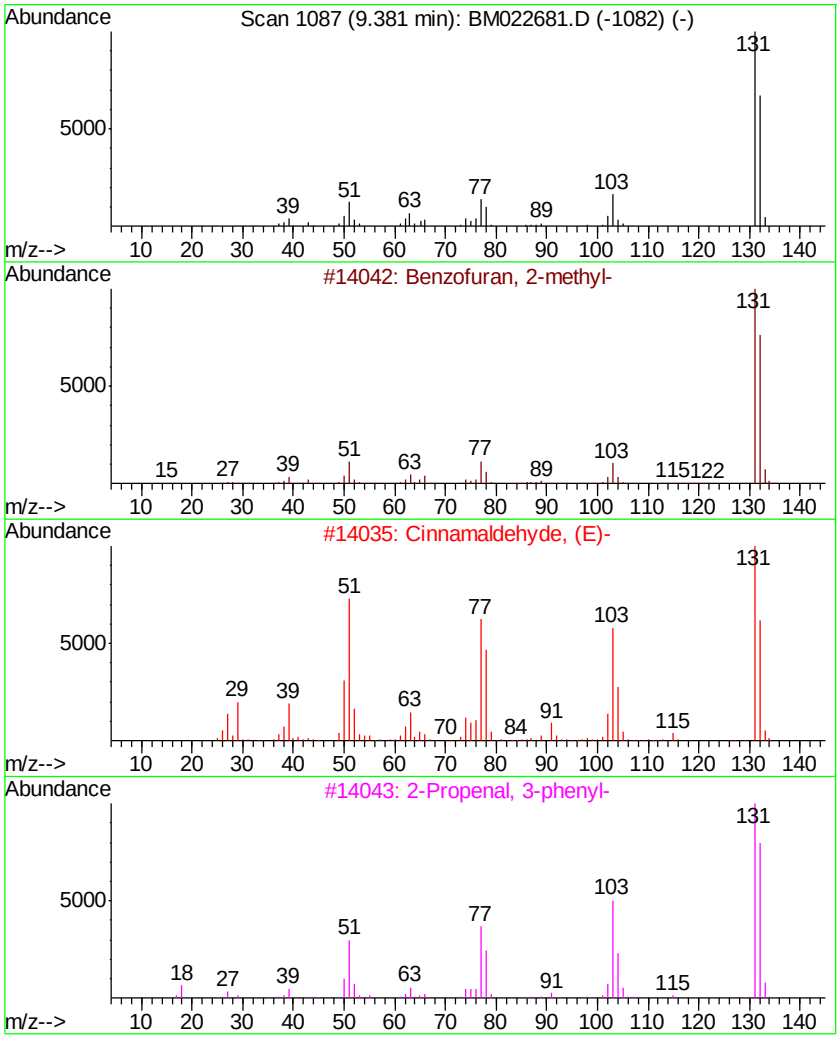
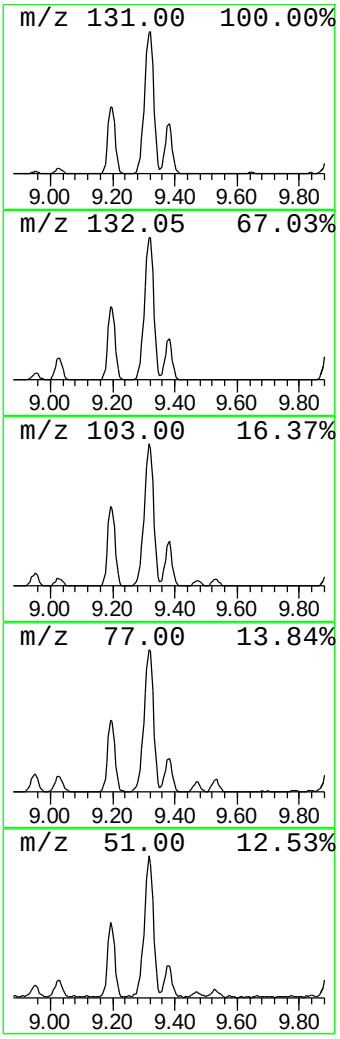
Peak Number 14 2-Propenal, 3-phenyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.38	2.35 ng/ul	257301	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	78
3	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	78
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	76
5	1H-Pyrrolo[2,3-b]pyridine, 2-met...	132	C8H8N2	023612-48-8	72





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Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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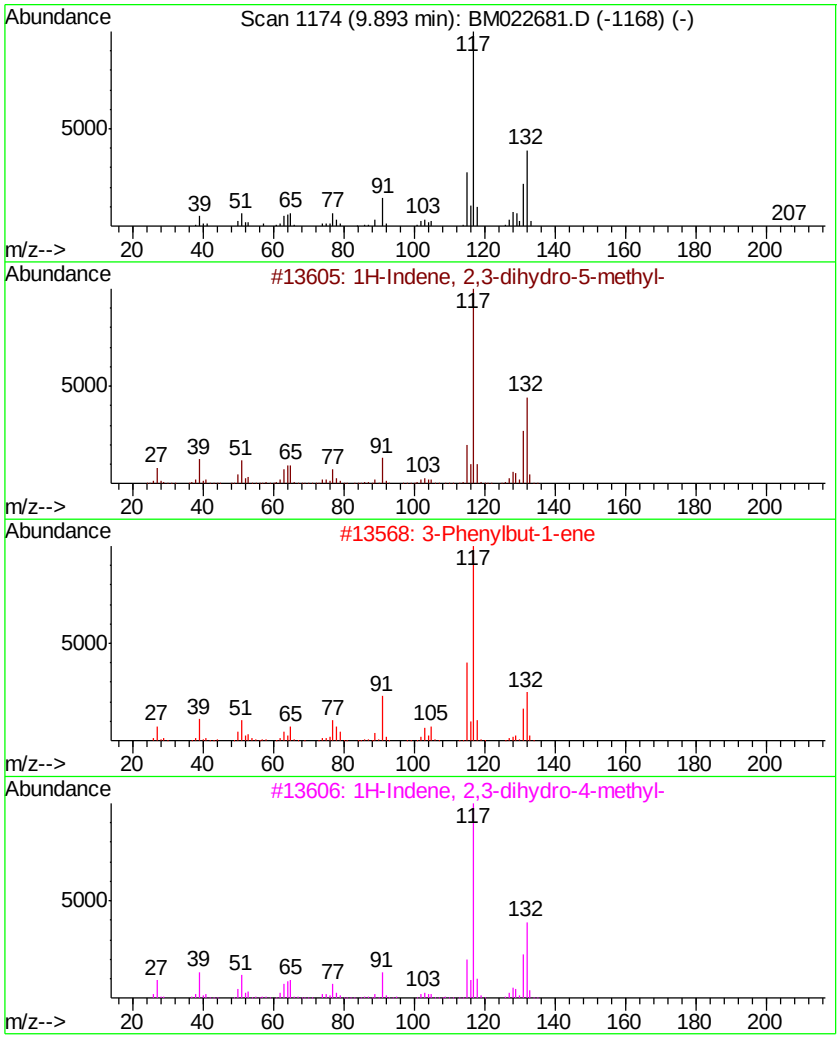
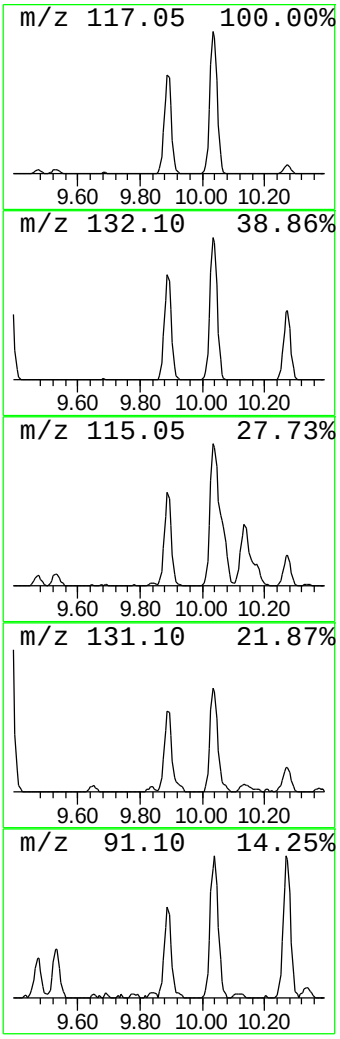
Peak Number 15 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.89	3.37 ng/ul	368284	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	93
2	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
3	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
4	Benzene, 1-ethenyl-3-ethyl-	132	C10H12	007525-62-4	87
5	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87





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Instrument : BNA_M
ClientSampleId : BF575DL2

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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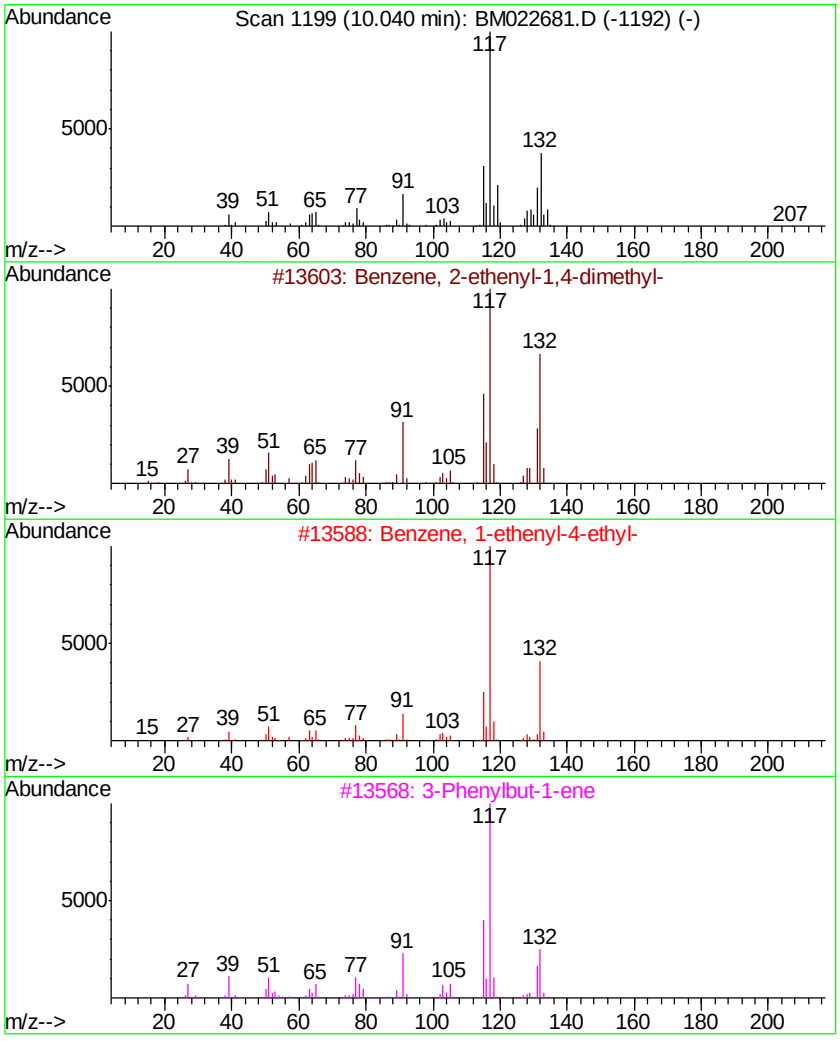
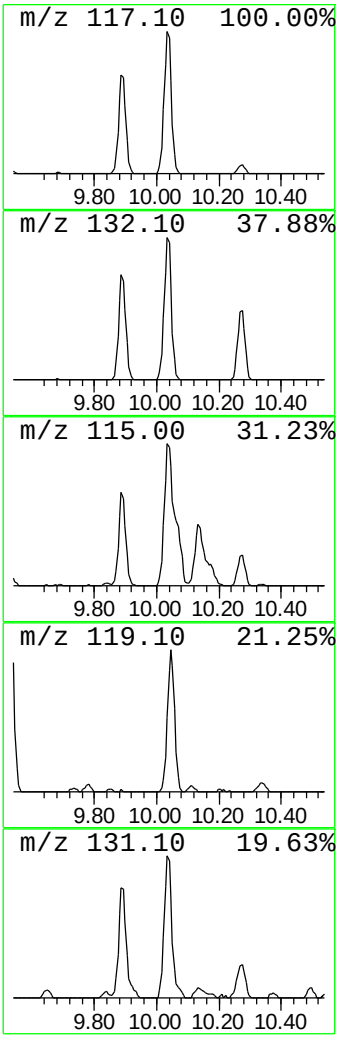
Peak Number 16 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	6.72 ng/ul	734523	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	96
2	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	94
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	87
4	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	81
5	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	81





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Sample : K4706-09DL2 20X
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Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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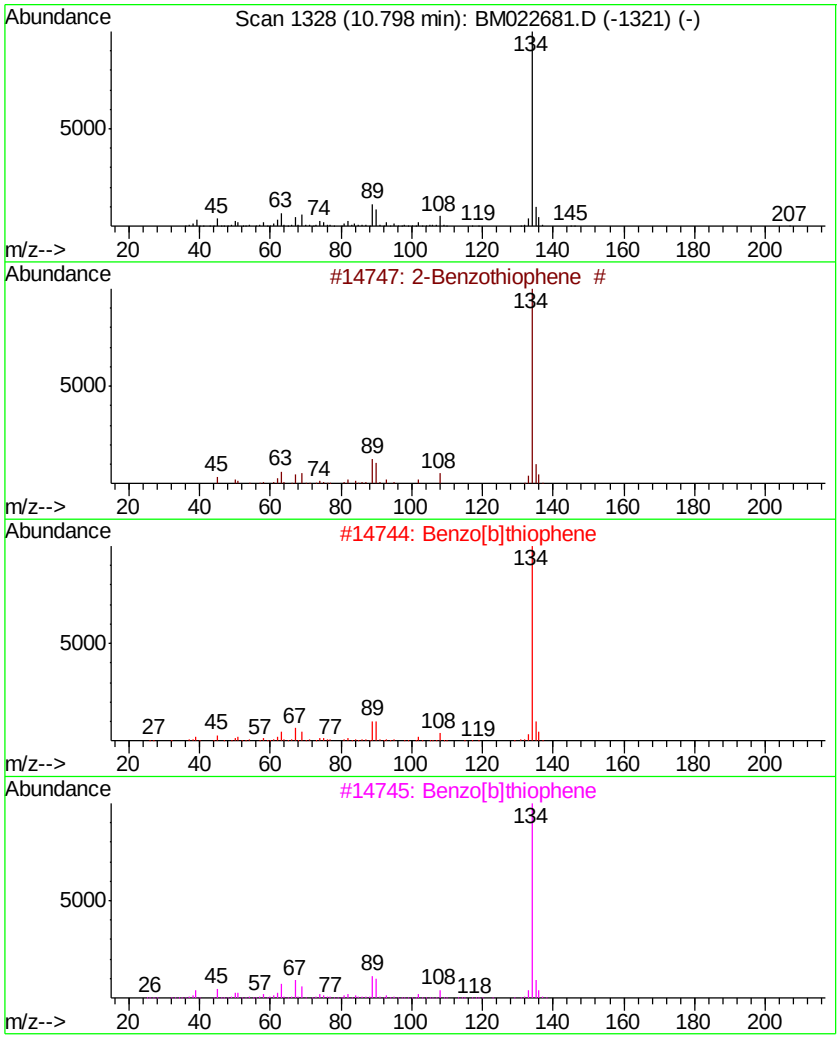
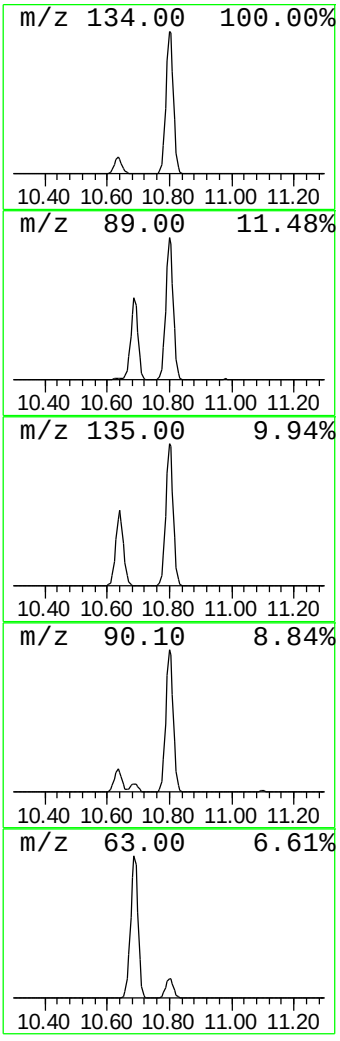
Peak Number 17 2-Benzothiophene # Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.80	18.10 ng/ul	1979010	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Benzothiophene #	134	C8H6S	000270-82-6	97
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
3	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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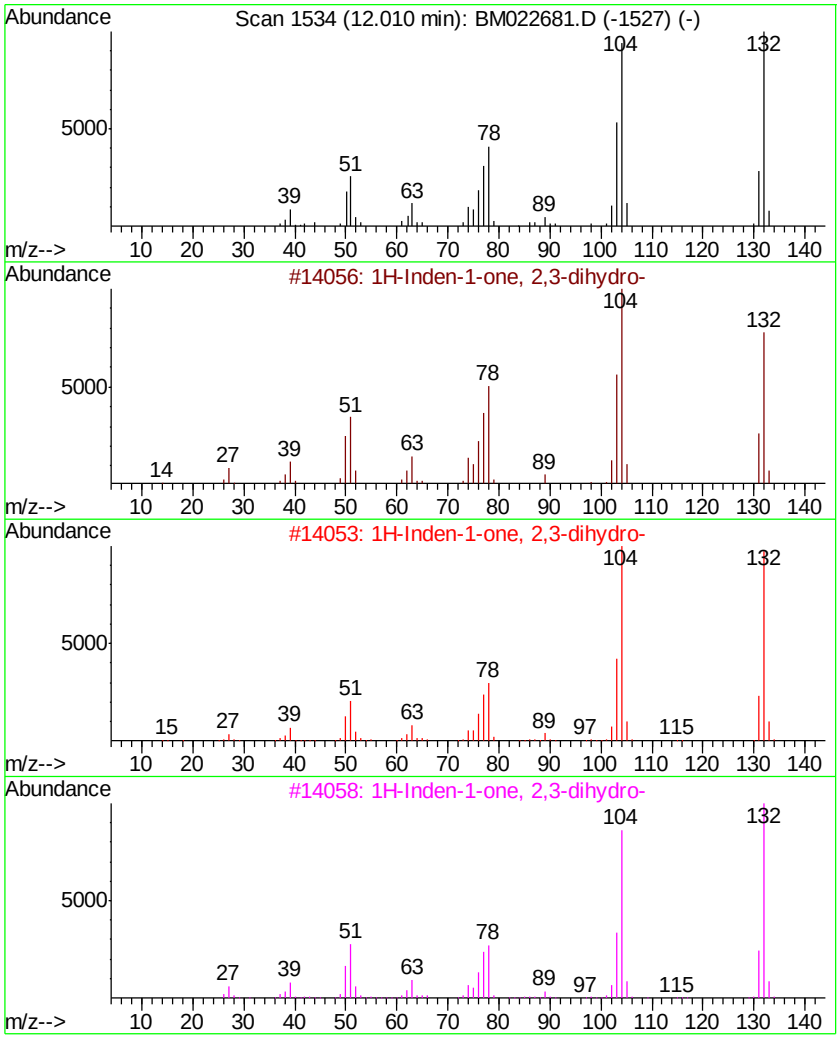
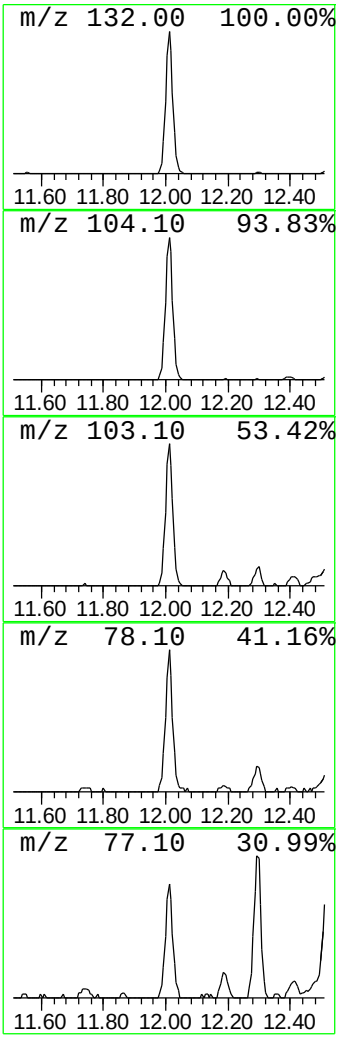
Peak Number 18 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.01	2.58 ng/ul	282229	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	95
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	93
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	64
5	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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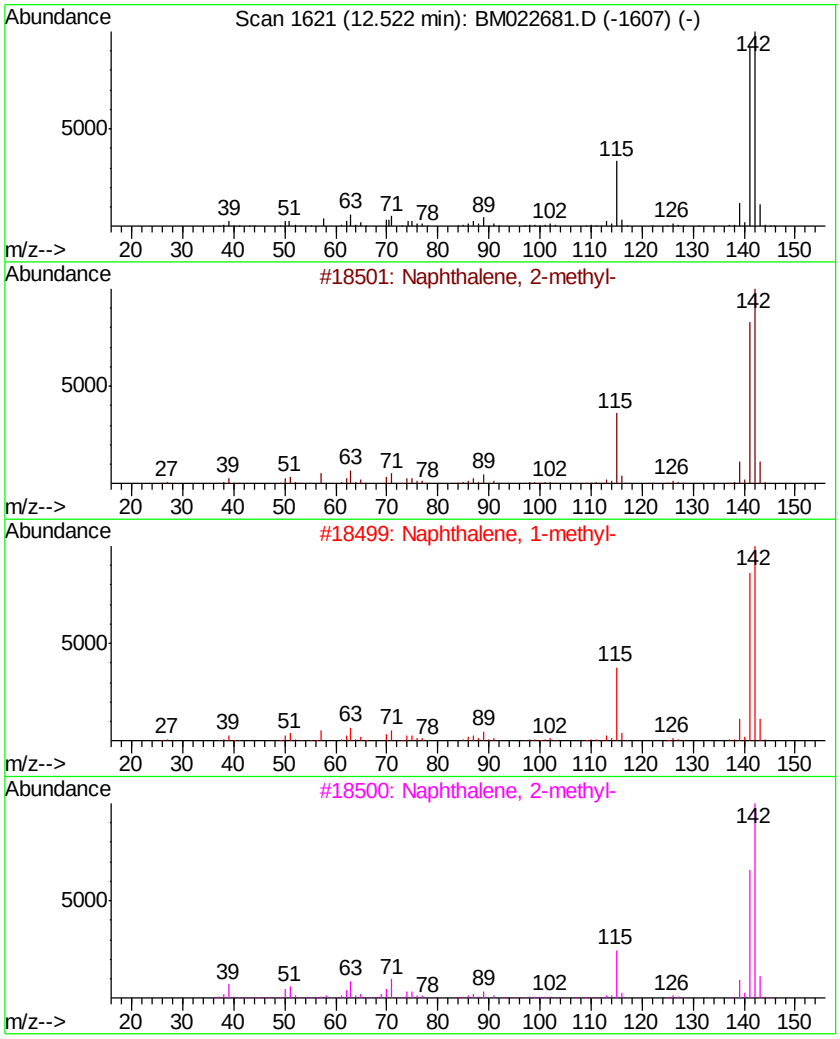
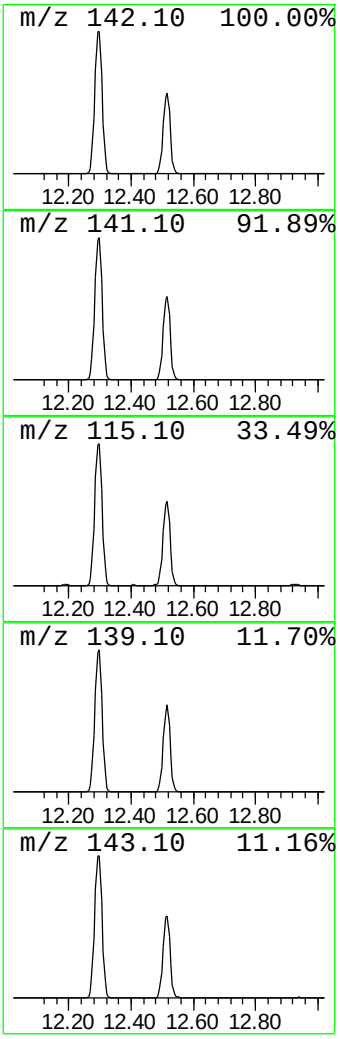
Peak Number 19 Naphthalene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.52	22.65 ng/ul	2476110	Naphthalene-d8	10.63

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091319\
Data File : BM022681.D
Acq On : 13 Sep 2019 17:47
Operator : HP/JU
Sample : K4706-09DL2 20X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BF575DL2

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Butane, 2-methoxy...	3.03	4.5	ng/ul	332341	1	7.84	1487840	20.0
p-Xylene	5.49	4.0	ng/ul	298714	1	7.84	1487840	20.0
o-Xylene	5.86	2.7	ng/ul	199393	1	7.84	1487840	20.0
Benzene, 1-ethyl-...	6.93	3.7	ng/ul	277239	1	7.84	1487840	20.0
Benzene, 1-ethyl-...	7.00	2.4	ng/ul	177564	1	7.84	1487840	20.0
Benzene, 1,2,3-tr...	7.07	4.9	ng/ul	367370	1	7.84	1487840	20.0
Benzene, 1,3,5-tr...	7.49	11.1	ng/ul	822685	1	7.84	1487840	20.0
Benzofuran	7.56	3.4	ng/ul	249680	1	7.84	1487840	20.0
Benzene, 1-ethyl-...	7.96	4.5	ng/ul	333499	1	7.84	1487840	20.0
Indane	8.22	56.6	ng/ul	4214280	1	7.84	1487840	20.0
Indene	8.37	33.4	ng/ul	2481750	1	7.84	1487840	20.0
Benzofuran, 7-met...	9.19	6.2	ng/ul	460218	1	7.84	1487840	20.0
Cinnamaldehyde, (E)-	9.32	10.7	ng/ul	1167730	2	10.63	2186210	20.0
2-Propenal, 3-phe...	9.38	2.4	ng/ul	257301	2	10.63	2186210	20.0
1H-Indene, 2,3-di...	9.89	3.4	ng/ul	368284	2	10.63	2186210	20.0
Benzene, 2-etheny...	10.04	6.7	ng/ul	734523	2	10.63	2186210	20.0
2-Benzothiophene #	10.80	18.1	ng/ul	1979010	2	10.63	2186210	20.0
1H-Inden-1-one, 2...	12.01	2.6	ng/ul	282229	2	10.63	2186210	20.0
Naphthalene, 1-me...	12.52	22.6	ng/ul	2476110	2	10.63	2186210	20.0