LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022920.D
Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

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-BM092719MA.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	3.605	101	105	112	rVV	139213	181063	3.03%	0.169%
2	3.828	138	143	152	rBV	232721	335348	5.62%	0.313%
3	3.999	167	172	184	rVB	637357	878685	14.72%	0.819%
4	4.263	212	217	223	rBV	138964	182985	3.07%	0.171%
5	5.316	390	396	404	rVV	399090	565618	9.47%	0.528%
6	5.446	413	418	428	rVV	1152864	2247932	37.65%	2.097%
7	5.816	474	481	487	rVV	1107656	1609677	26.96%	1.501%
8	6.781	638	645	651	rBV	152206	245361	4.11%	0.229%
9	6.893	657	664	669	rBV	694847	1028968	17.24%	0.960%
10	6.951	669	674	678	rVV3	506061	1060943	17.77%	0.989%
11	6.987	678	680	683	rVV	501687	699553	11.72%	0.652%
12	7.022	683	686	694	rVB	589003	892083	14.94%	0.832%
13	7.128	697	704	710	rBV	722908	1133417	18.99%	1.057%
14	7.193	710	715	721	rVV	415581	640186	10.72%	0.597%
15	7.328	732	738	749	rVV	854523	1363495	22.84%	1.272%
16	7.451	752	759	767	rVB	1862824	2873834	48.14%	2.680%
17	7.793	810	817	822	rBV	831663	1350671	22.62%	1.260%
18	7.863	826	829	833	rVV	186942	284185	4.76%	0.265%
19	7.910	833	837	847	rVB	861668	1413526	23.68%	1.318%
20	8.169	873	881	887	rVB2	454328	848515	14.21%	0.791%
21	8.234	887	892	898	rBV	236392	352467	5.90%	0.329%
22	8.293	898	902	906	rBV2	132637	218490	3.66%	0.204%
23	8.345	906	911	919	rVB2	177674	326236	5.46%	0.304%
24	8.440	920	927	931	rBV	361927	576373	9.65%	0.538%
25	8.498	931	937	943	rBV	720853	1138773	19.07%	1.062%
26	8.563	943	948	953	rBV	773044	1302159	21.81%	1.214%
27	8.751	974	980	984	rBV	190595	286373	4.80%	0.267%
28	8.804	984	989	995	rVB	198304	310009	5.19%	0.289%
29	8.904	997	1006	1009	rBV	424875	729940	12.23%	0.681%
30	8.951	1009	1014	1018	rBV	774014	1264251	21.18%	1.179%
31	9.234	1056	1062	1068	rVB2	120403	208889	3.50%	0.195%
32	9.422	1083	1094	1099	rVB	247474	410560	6.88%	0.383%
33	9.481	1099	1104	1113	rVB	399821	645595	10.81%	0.602%
34	9.669	1128	1136	1143	rBV	784477	1298648	21.75%	1.211%

LSC Area Percent Report

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Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

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-BM092719MA.M
Title : SVOA CALIBRATION

35	9.763	1143	1152	1155	rVV	514107	853870	14.30%	0.796%
36	9.792	1155	1157	1161	rVV3	248695	362195	6.07%	0.338%
37	9.839	1161	1165	1174	rVB	281643	449492	7.53%	0.419%
38	9.992	1181	1191	1200	rVV6	793244	2335783	39.13%	2.178%
39	10.069	1200	1204	1214	rVV2	530126	970559	16.26%	0.905%
40	10.210	1220	1228	1237	rVB	1348540	2534991	42.46%	2.364%
41	10.292	1237	1242	1248	rVB2	79694	130325	2.18%	0.122%
42	10.457	1263	1270	1275	rBV	213833	390832	6.55%	0.365%
43	10.586	1282	1292	1296	rVV	1253233	2335532	39.12%	2.178%
44	10.639	1296	1301	1308	rVV	3023273	5076570	85.03%	4.735%
45	10.716	1308	1314	1326	rVV2	1068407	2238122	37.49%	2.087%
46	10.939	1346	1352	1360	rVB	139946	280003	4.69%	0.261%
47	11.122	1378	1383	1388	rBV	79820	133550	2.24%	0.125%
48	11.251	1401	1405	1409	rVB	79180	113400	1.90%	0.106%
49	11.339	1415	1420	1426	rBV	177689	459177	7.69%	0.428%
50	11.504	1443	1448	1453	rVB	123268	202085	3.39%	0.188%
51	11.692	1473	1480	1490	rVB2	156654	343969	5.76%	0.321%
52	11.928	1511	1520	1524	rBV3	98616	200211	3.35%	0.187%
53	11.975	1524	1528	1536	rVV2	91343	150770	2.53%	0.141%
54	12.145	1551	1557	1567	rVV2	122757	313896	5.26%	0.293%
55	12.251	1568	1575	1588	rVB	1767033	2833731	47.47%	2.643%
56	12.363	1588	1594	1602	rBV5	62229	172249	2.89%	0.161%
57	12.469	1602	1612	1619	rVB	1183007	1964981	32.91%	1.833%
58	12.722	1646	1655	1659	rBV	152460	289002	4.84%	0.270%
59	12.939	1687	1692	1702	rVB9	47510	121506	2.04%	0.113%
60	13.275	1743	1749	1756	rVB2	197494	354632	5.94%	0.331%
61	13.345	1756	1761	1775	rBV	1051418	1651505	27.66%	1.540%
62	13.469	1776	1782	1792	rVB3	130094	311084	5.21%	0.290%
63	13.610	1799	1806	1811	rVB3	170426	411139	6.89%	0.383%
64	13.751	1825	1830	1835	rBV	256020	445170	7.46%	0.415%
65	13.804	1835	1839	1841	rVV	169868	250267	4.19%	0.233%
66	13.839	1841	1845	1851	rVV	2143795	3035106	50.84%	2.831%
67	13.886	1851	1853	1862	rVB	116568	149378	2.50%	0.139%
68	13.986	1864	1870	1874	rBV2	137281	269966	4.52%	0.252%
69	14.122	1887	1893	1906	rVB	2638100	4169223	69.84%	3.888%
70	14.222	1906	1910	1916	rBV	64360	151907	2.54%	0.142%
71	14.286	1917	1921	1927	rVB	199808	289754	4.85%	0.270%

LSC Area Percent Report

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Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Title : SVOA CALIBRATION

72	14.433	1939	1946	1951	rVV	1835023	2772776	46.45%	2.586%
73	14.492	1952	1956	1964	rVB2	230143	381409	6.39%	0.356%
74	14.627	1974	1979	1984	rBV	249478	390758	6.55%	0.364%
75	14.827	2009	2013	2016	rBV	100402	160336	2.69%	0.150%
76	14.869	2016	2020	2024	rVB	209281	285499	4.78%	0.266%
77	14.957	2031	2035	2039	rBV	93580	132312	2.22%	0.123%
78	15.039	2045	2049	2056	rVV3	69407	143264	2.40%	0.134%
79	15.221	2077	2080	2090	rVB3	166438	331757	5.56%	0.309%
80	15.421	2108	2114	2120	rBV2	3524156	5221238	87.46%	4.870%
81	15.474	2120	2123	2128	rVV	259125	354342	5.94%	0.330%
82	15.539	2128	2134	2141	rVB	911987	1318364	22.08%	1.230%
83	15.868	2185	2190	2199	rBV	371291	526922	8.83%	0.491%
84	16.468	2288	2292	2299	rVB2	176147	280945	4.71%	0.262%
85	17.168	2406	2411	2416	rBV2	2179662	3130662	52.44%	2.920%
86	17.210	2416	2418	2423	rVV	319031	380308	6.37%	0.355%
87	17.268	2423	2428	2439	rVB	3990105	5421638	90.81%	5.056%
88	17.357	2440	2443	2449	rVB2	74751	116994	1.96%	0.109%
89	17.568	2476	2479	2484	rVB	147298	201414	3.37%	0.188%
90	18.074	2560	2565	2578	rVB	686555	1117766	18.72%	1.042%
91	18.851	2694	2697	2707	rVB2	111902	182371	3.05%	0.170%
92	19.351	2778	2782	2790	rVB	263032	349585	5.86%	0.326%
93	19.562	2812	2818	2832	rVB	4288465	5969986	100.00%	5.568%
94	20.333	2945	2949	2957	rBV	1611462	1854233	31.06%	1.729%
95	20.562	2985	2988	2991	rBV	102323	116327	1.95%	0.108%
96	21.039	3066	3069	3070	rBV	141277	134518	2.25%	0.125%
97	21.062	3070	3073	3082	rVB	439687	583128	9.77%	0.544%
98	21.350	3117	3122	3130	rBV	2154541	2756679	46.18%	2.571%
99	23.468	3475	3482	3494	rVB	2366735	4547008	76.16%	4.241%
100	23.609	3500	3506	3516	rVB	1288735	2409045	40.35%	2.247%

Sum of corrected areas: 107222324

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Misc :
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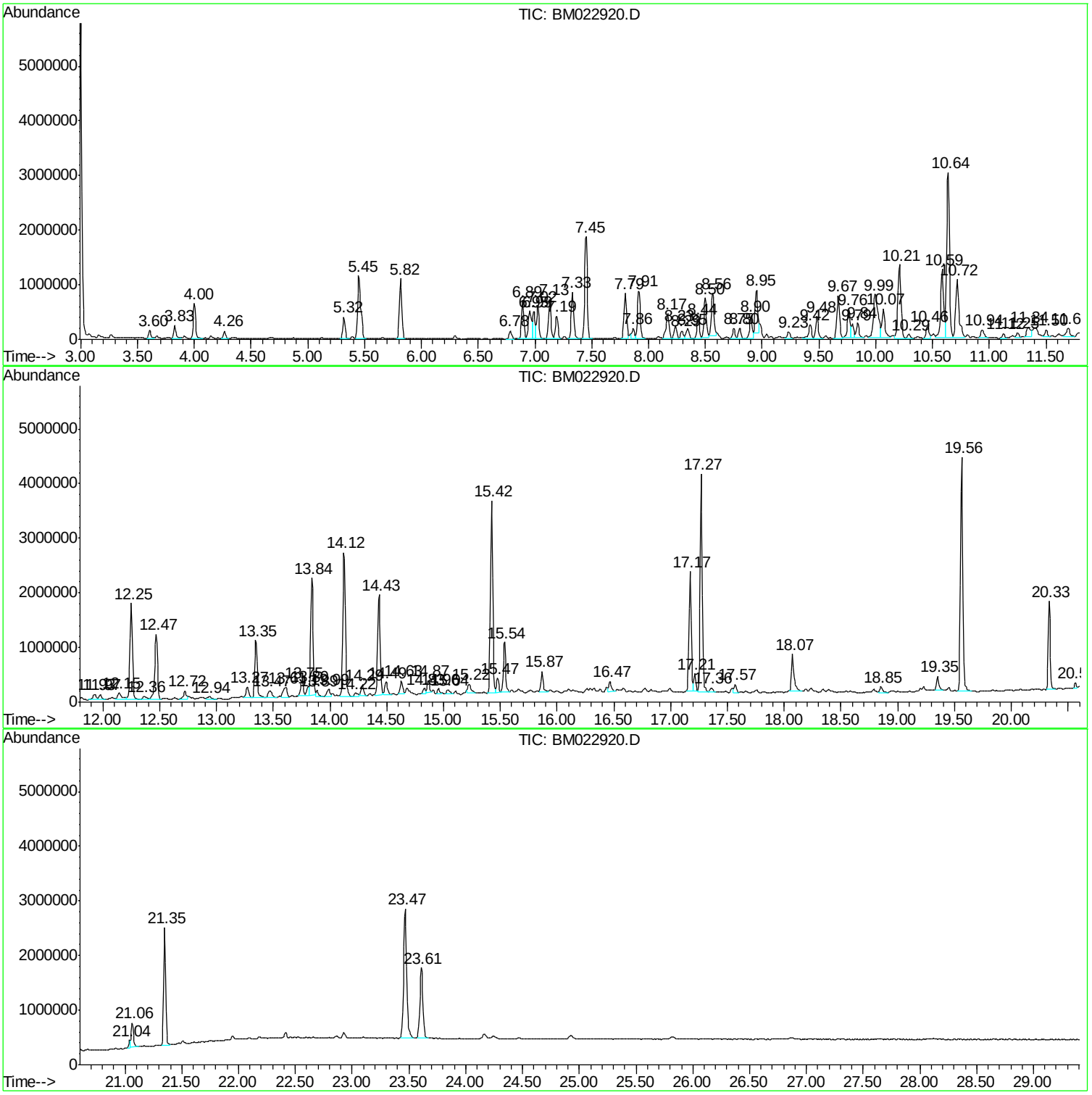
Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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



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Quant Title : SVOA CALIBRATION

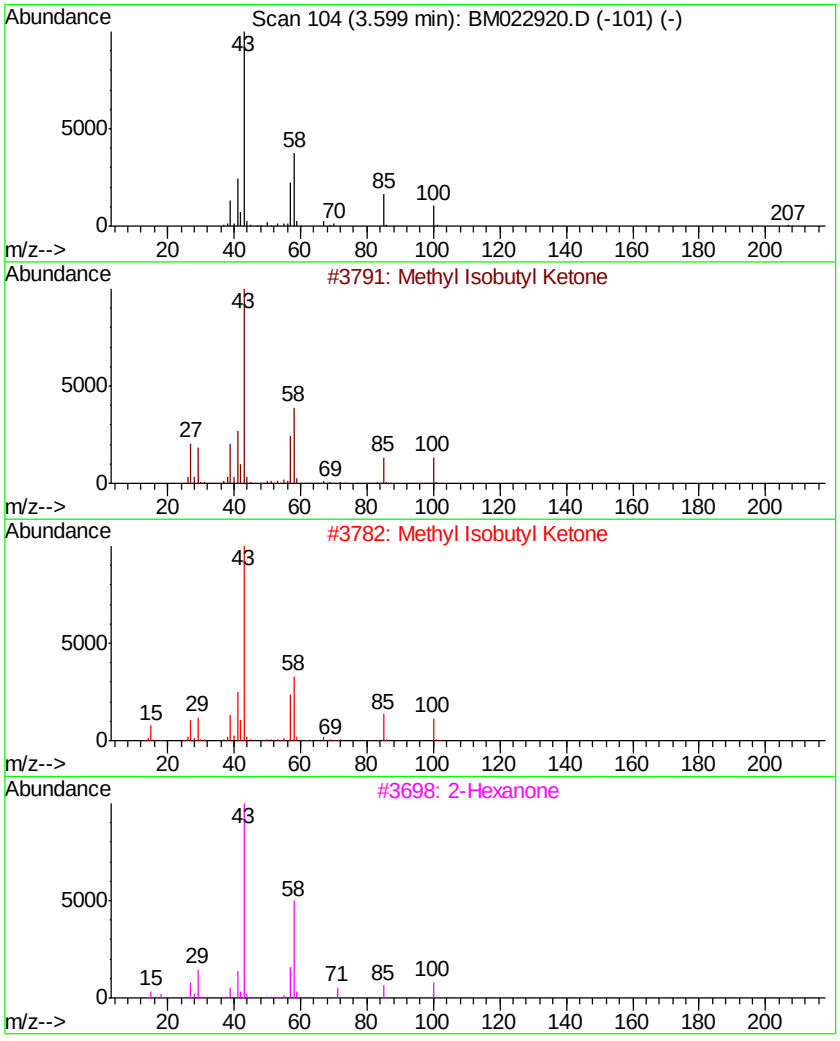
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

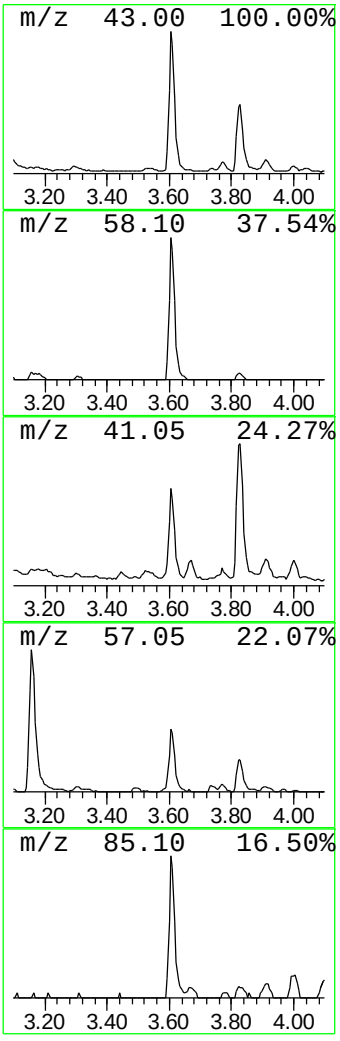
****

Peak Number 1 Methyl Isobutyl Ketone Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.60	2.68 ng/ul	181063	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	86
2	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	80
3	2-Hexanone	100	C6H12O	000591-78-6	78
4	2-Hexanone	100	C6H12O	000591-78-6	78
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	50





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100319\
Data File : BM022920.D
Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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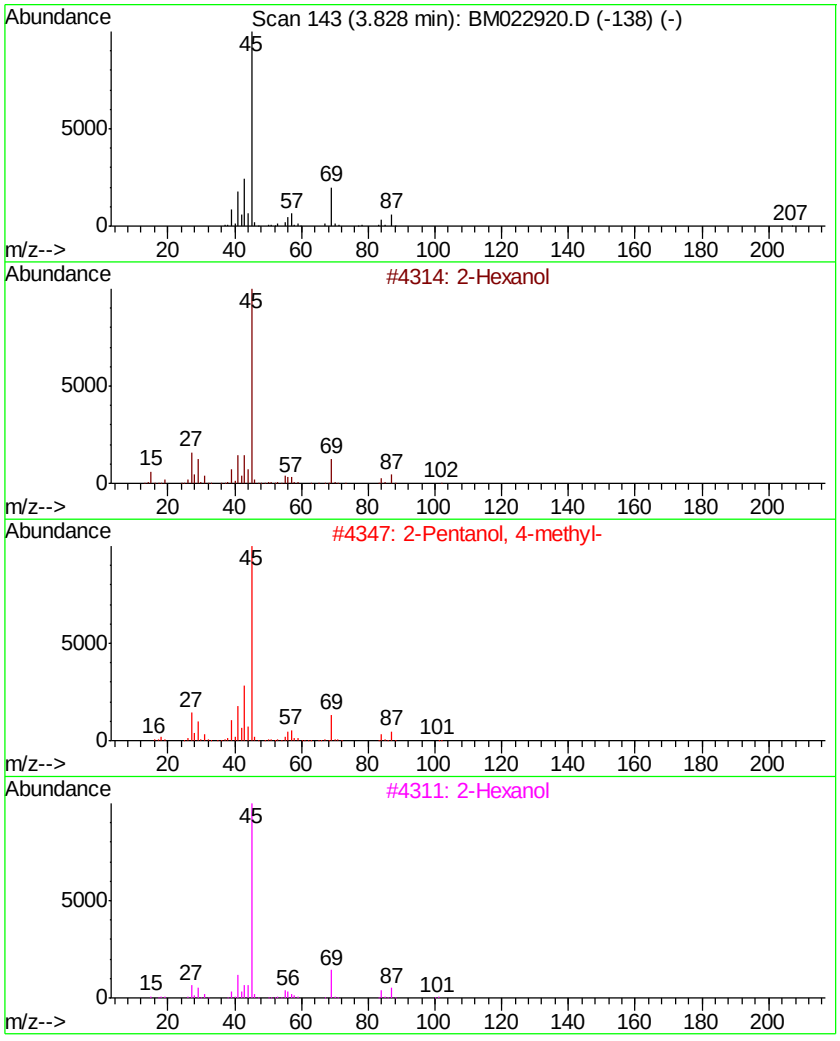
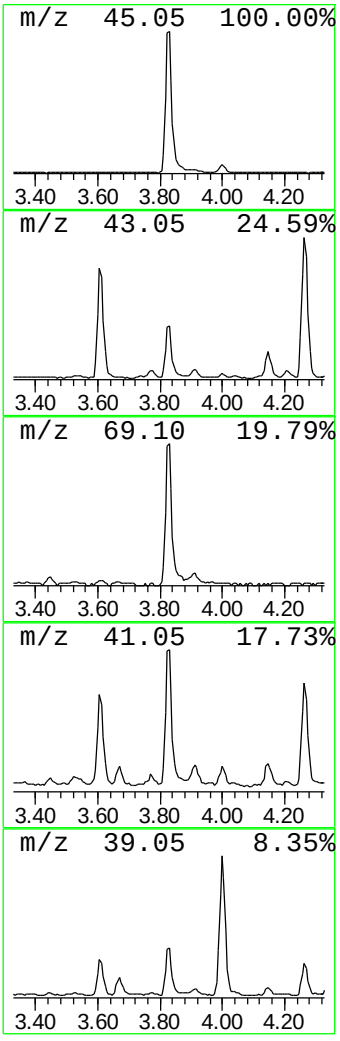
****

Peak Number 2 2-Hexanol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.83	4.97 ng/ul	335348	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Hexanol	102	C6H14O	000626-93-7	78
4	2-Hexanol	102	C6H14O	000626-93-7	64
5	2-Hexanol	102	C6H14O	000626-93-7	43





Library Search Compound Report

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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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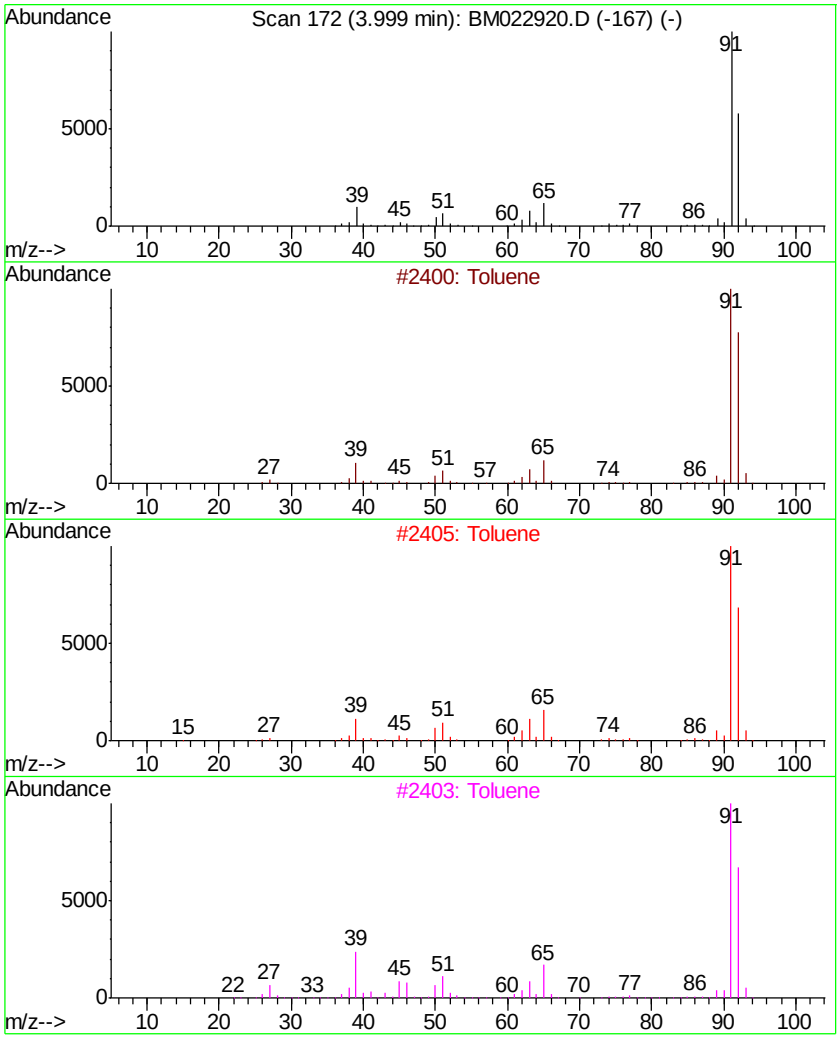
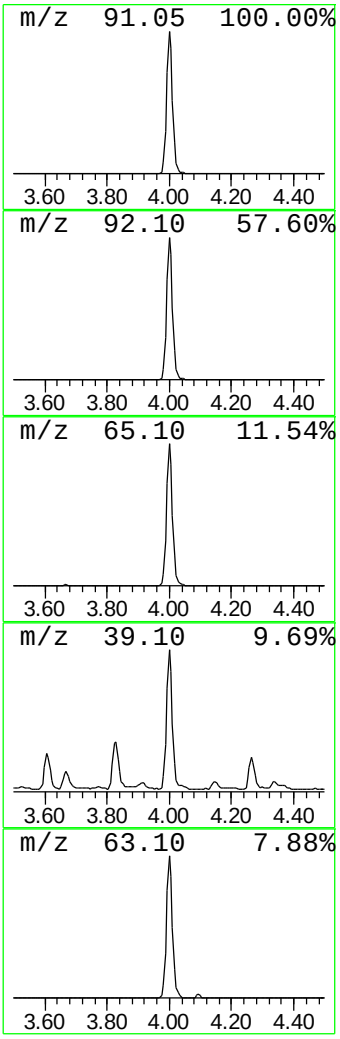
Peak Number 3 Toluene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	13.01 ng/ul	878685	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	95
3	Toluene	92	C7H8	000108-88-3	91
4	Toluene	92	C7H8	000108-88-3	91
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

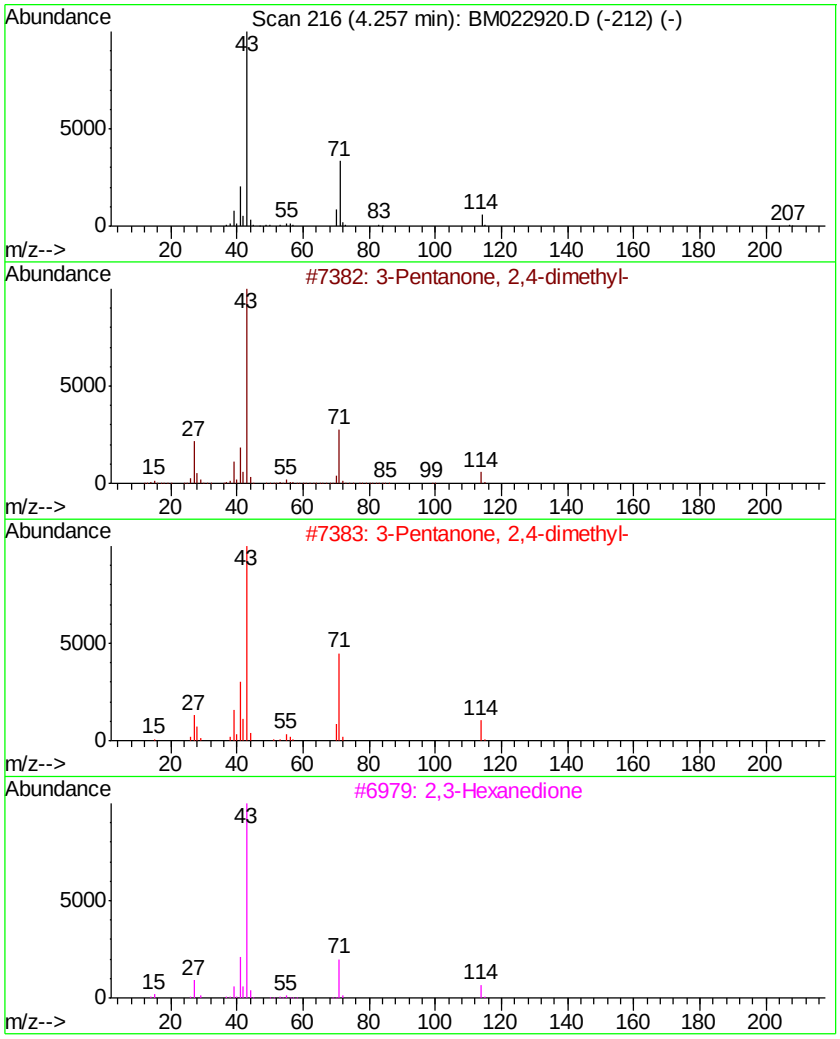
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

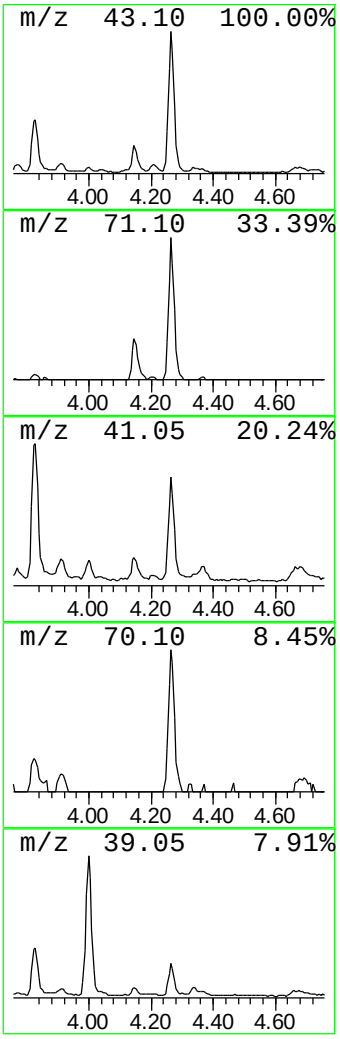
****

Peak Number 4 3-Pentanone, 2,4-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	2.71 ng/ul	182985	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	86
2	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	59
3	2,3-Hexanedione	114	C6H10O2	003848-24-6	58
4	3-Pentanone, 2,4-dimethyl-	114	C7H14O	000565-80-0	58
5	3-Hexanone, 2-methyl-	114	C7H14O	007379-12-6	47





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Data File : BM022920.D
Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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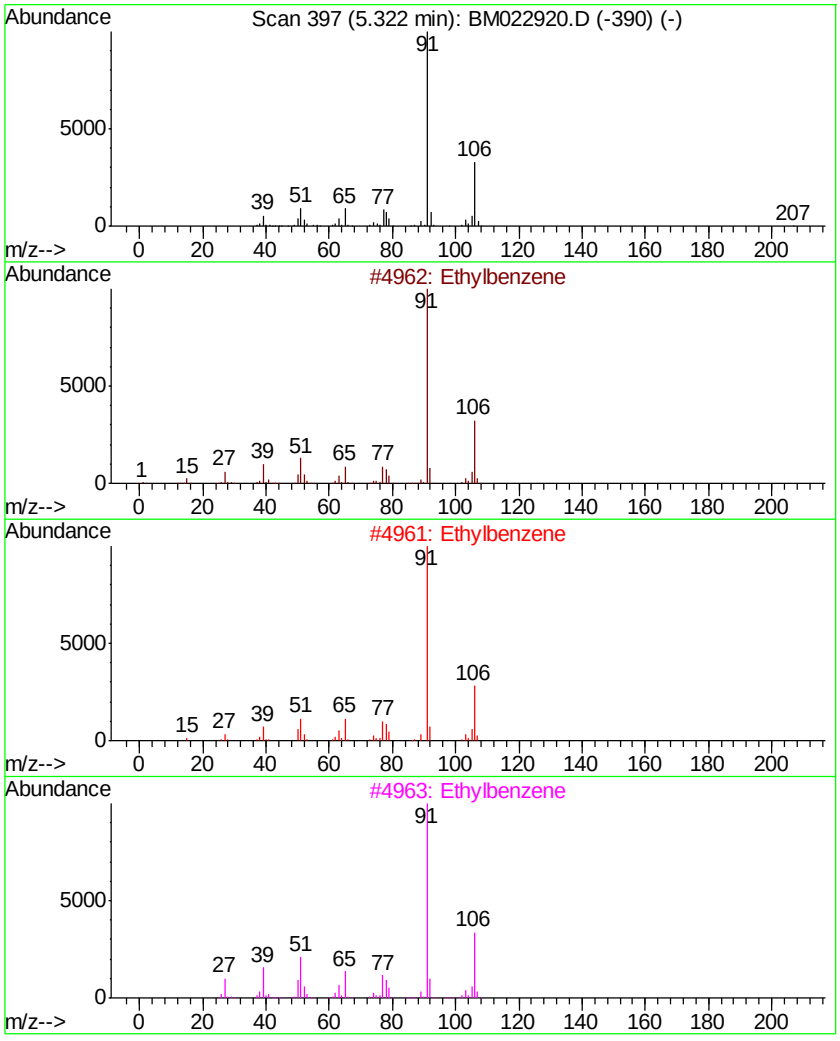
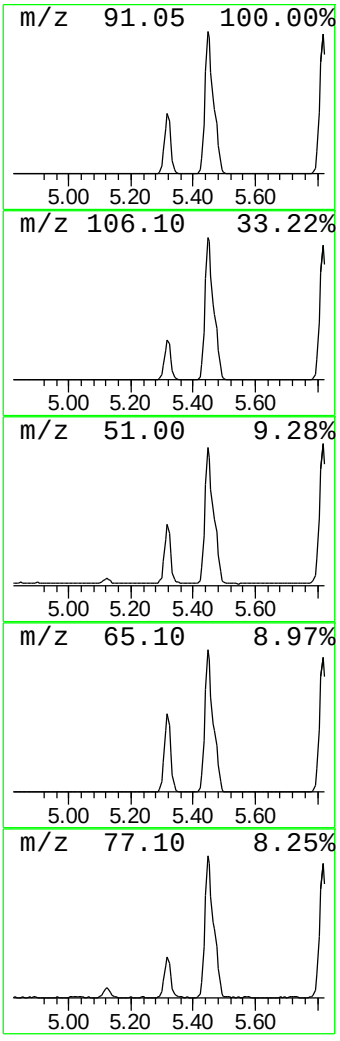
Peak Number 5 Ethylbenzene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	8.38 ng/ul	565618	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethylbenzene	106	C8H10	000100-41-4	94
2	Ethylbenzene	106	C8H10	000100-41-4	94
3	Ethylbenzene	106	C8H10	000100-41-4	91
4	Ethylbenzene	106	C8H10	000100-41-4	90
5	o-Xylene	106	C8H10	000095-47-6	86





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

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

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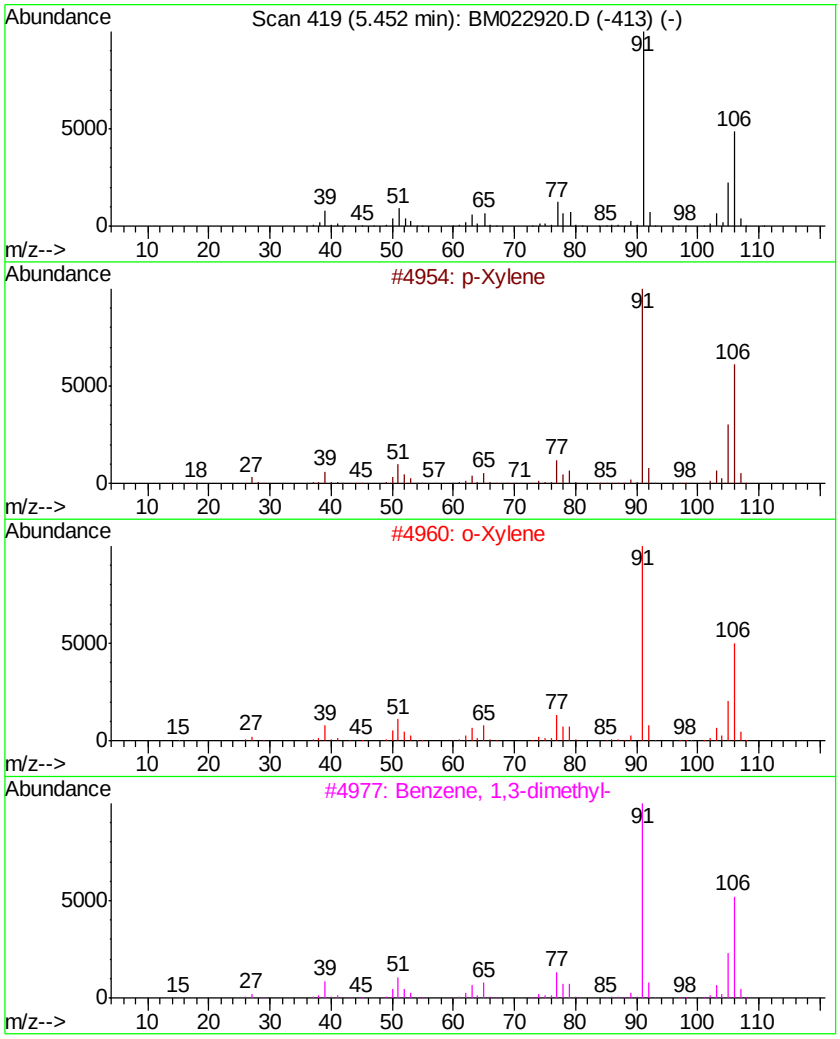
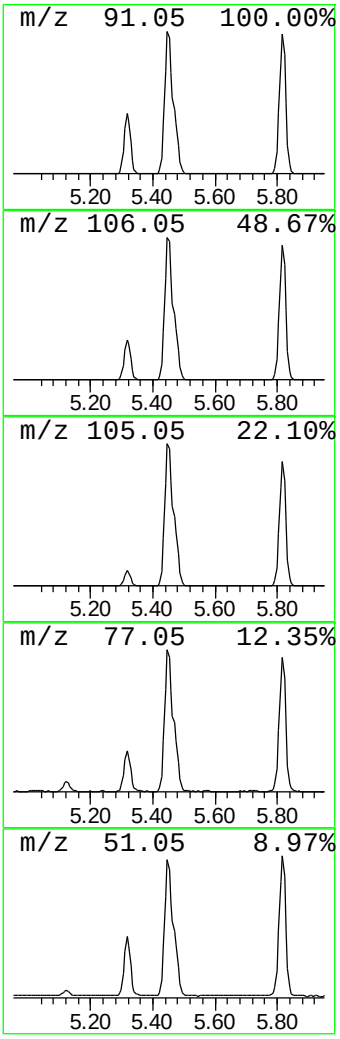
Peak Number 6 p-Xylene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	33.29 ng/ul	2247930	1,4-Dichlorobenzene-d4	7.79

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	97
5	p-Xylene	106	C8H10	000106-42-3	97





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Operator : JU
Sample : K4932-02
Misc :
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Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

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

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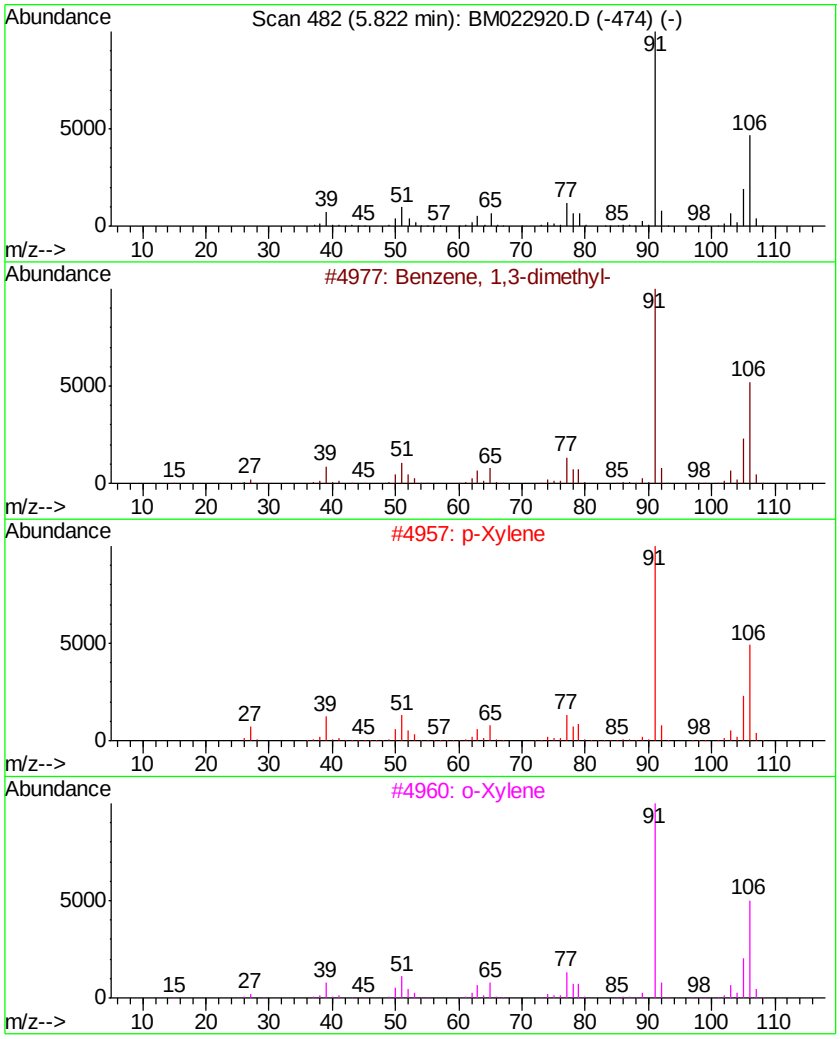
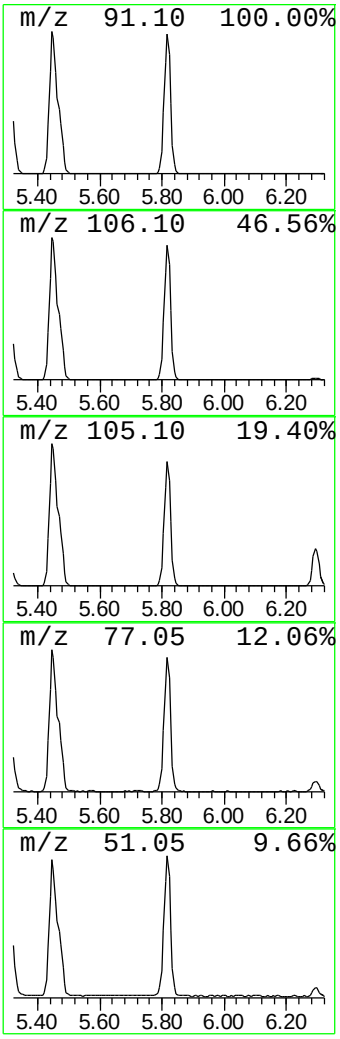
Peak Number 7 Benzene, 1,3-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	23.84 ng/ul	1609680	1,4-Dichlorobenzene-d4	7.79

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





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Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

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

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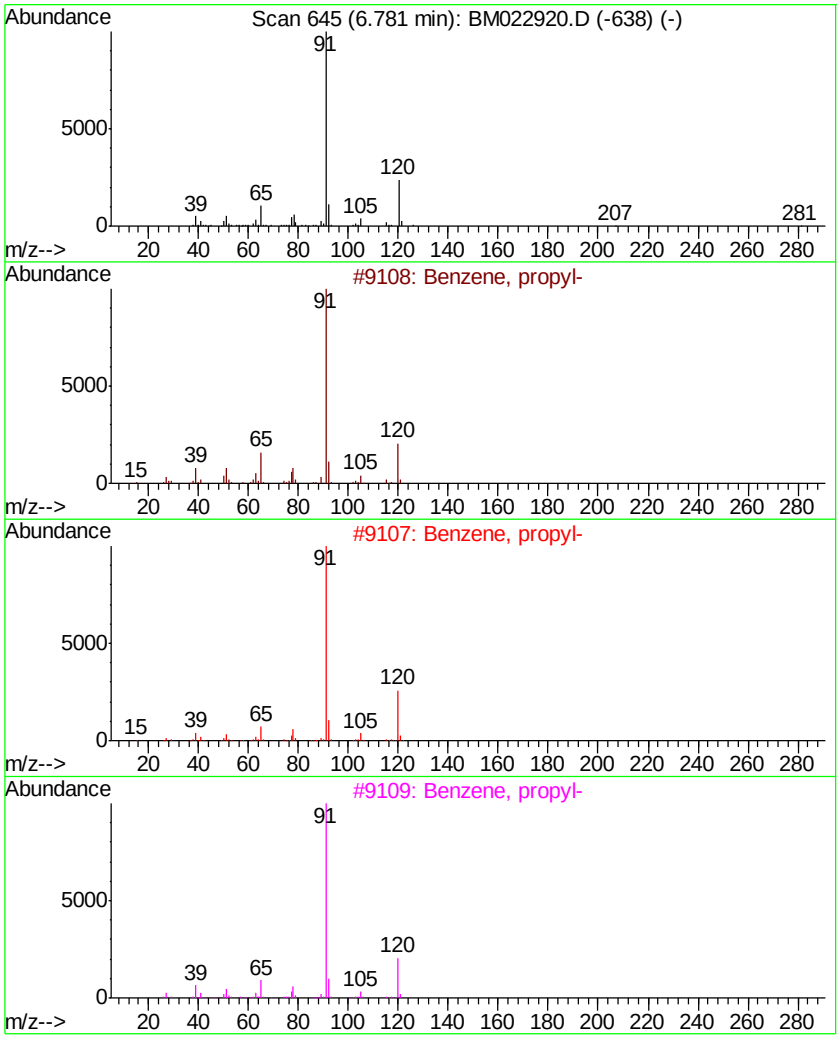
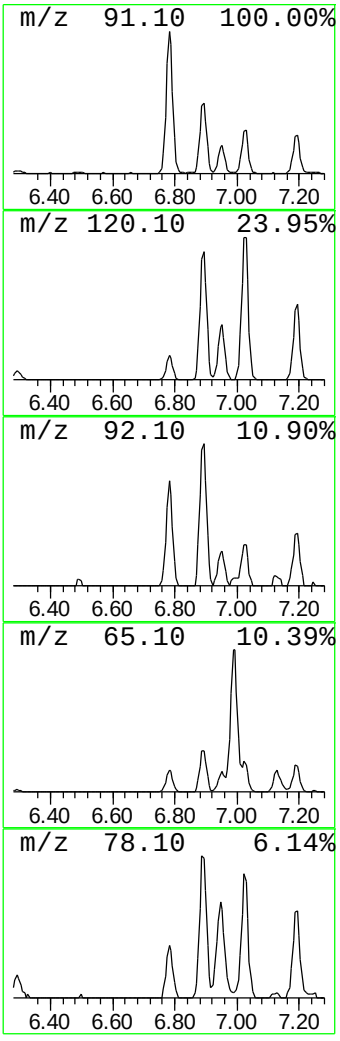
Peak Number 8 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.78	3.63 ng/ul	245361	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	91
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	90
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72
5	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	64





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Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

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

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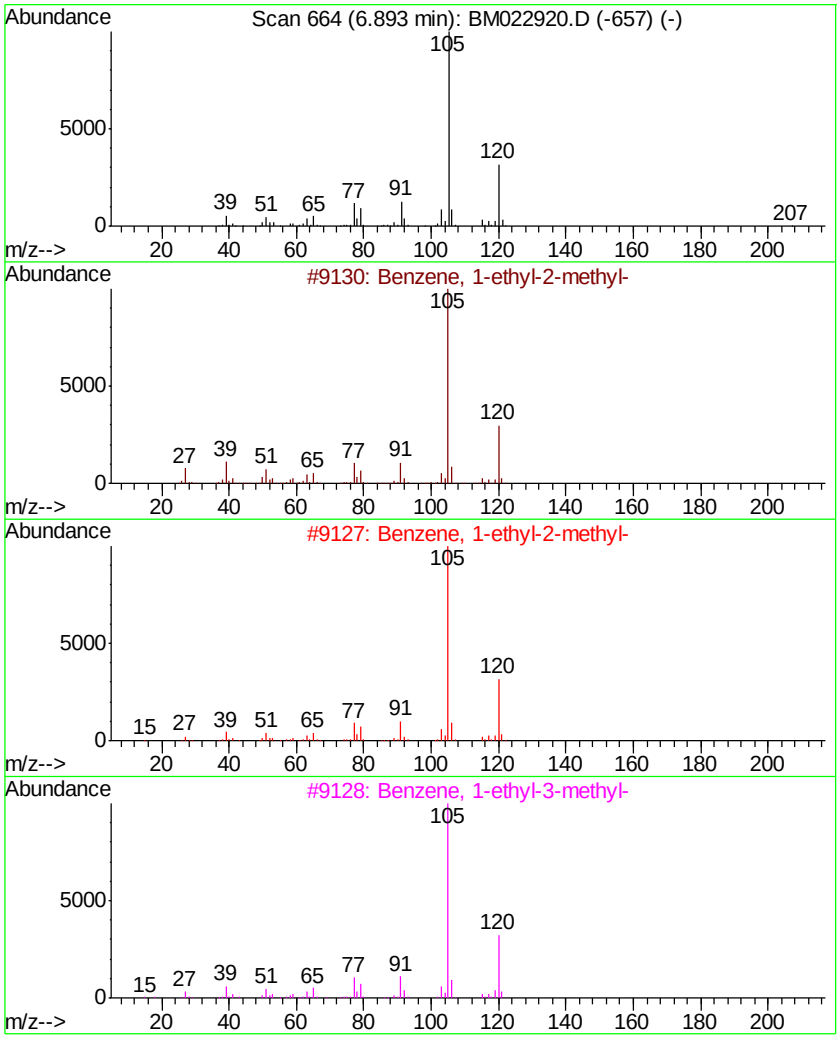
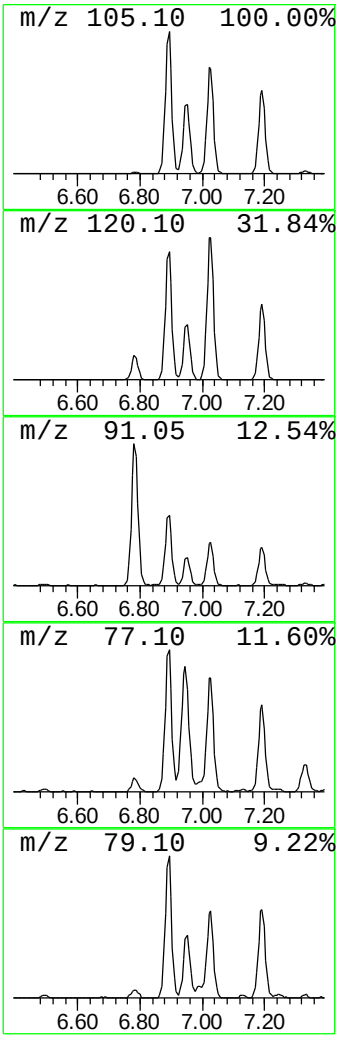
Peak Number 9 Benzene, 1-ethyl-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	15.24 ng/ul	1028970	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

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

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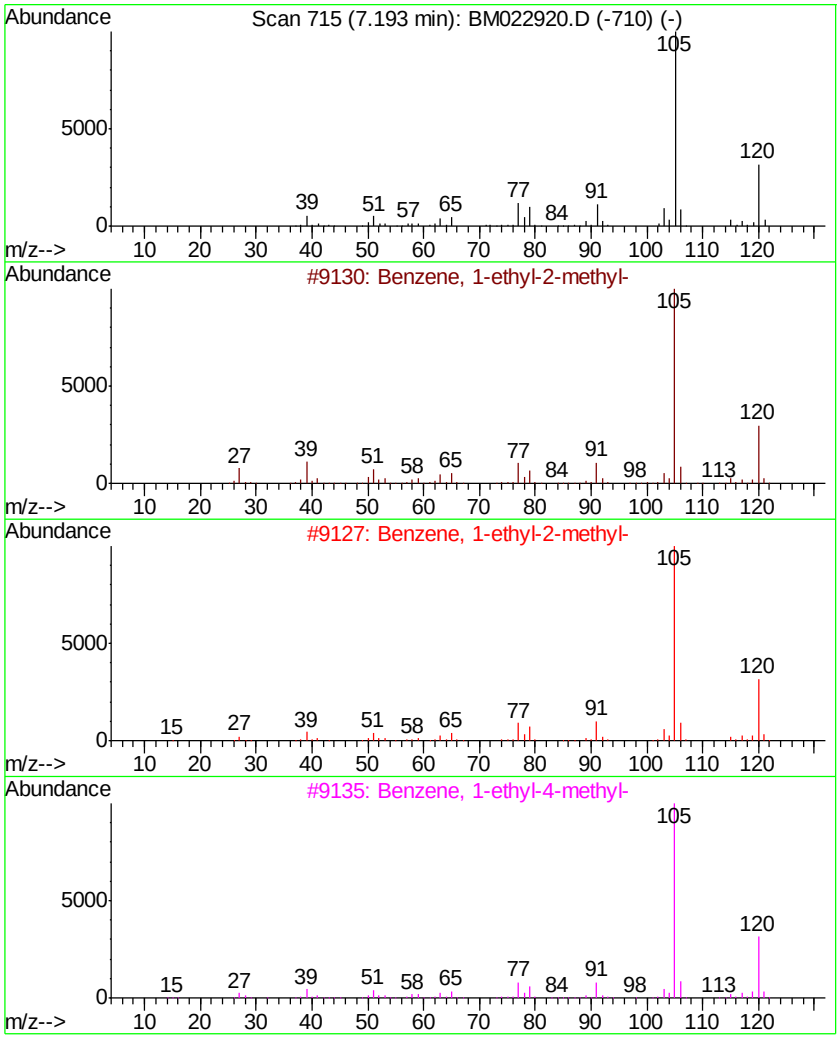
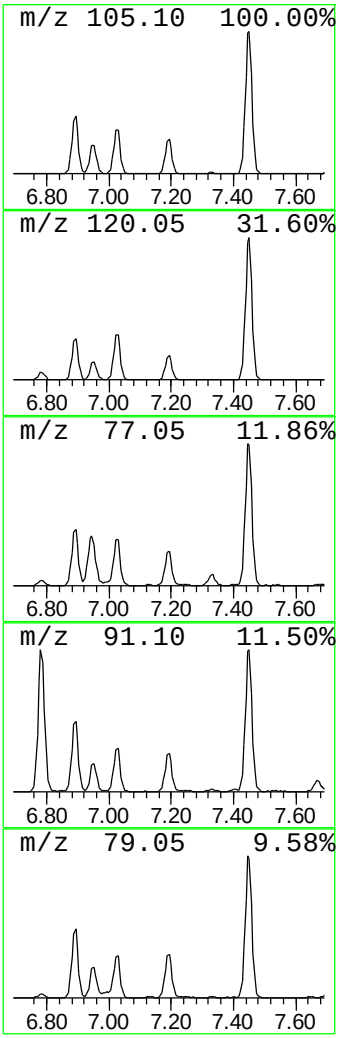
Peak Number 10 Benzene, 1-ethyl-4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	9.48 ng/ul	640186	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	95
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Sample : K4932-02
Misc :
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Quant Title : SVOA CALIBRATION

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

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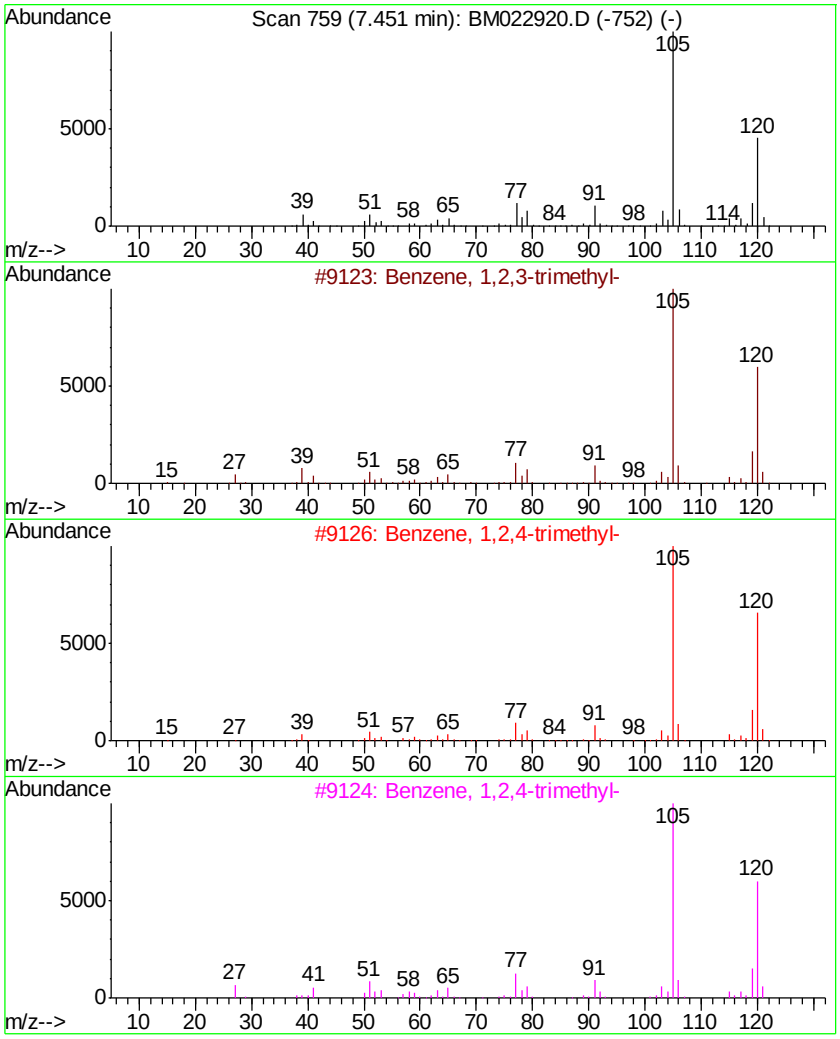
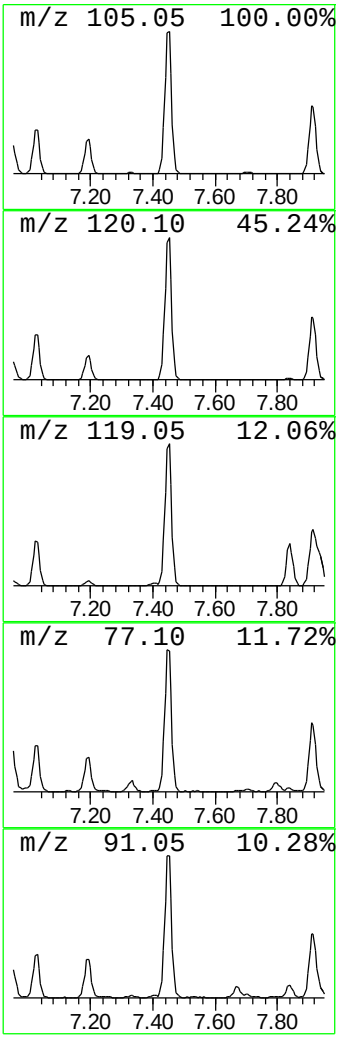
Peak Number 11 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	42.55 ng/ul	2873830	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	95
4	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94





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ClientSampleId : BFDG4

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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 1-Hexanol, 2-ethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	4.21 ng/ul	284185	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
3	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	72
4	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	64
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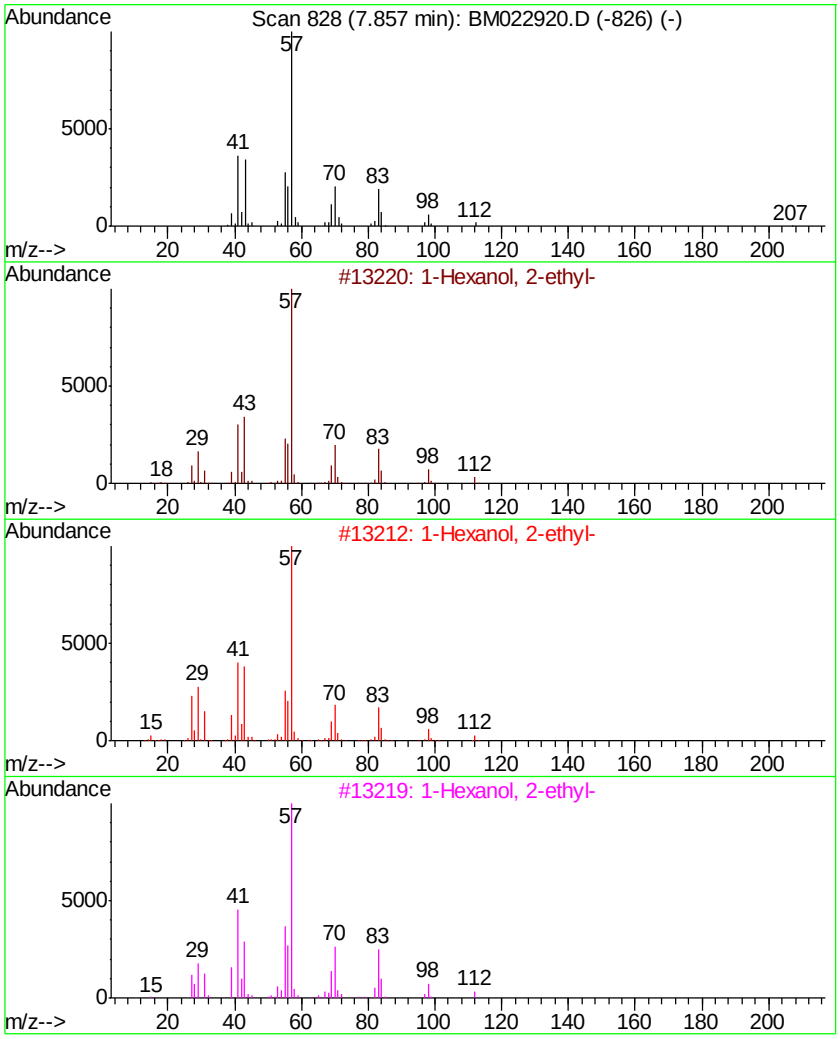

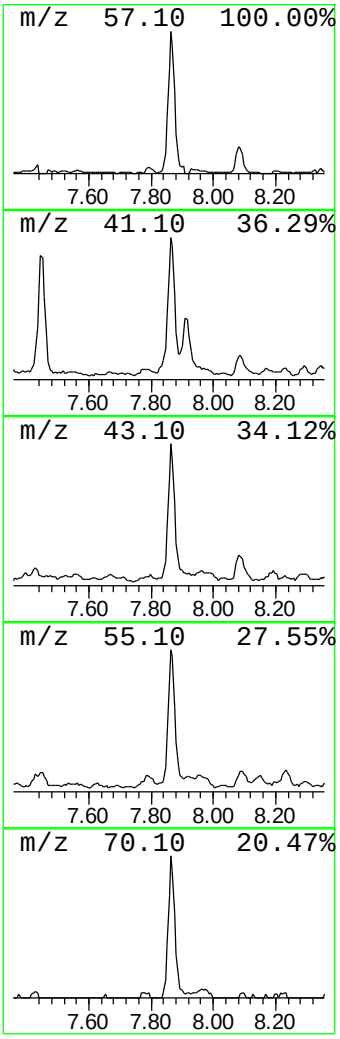

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Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

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

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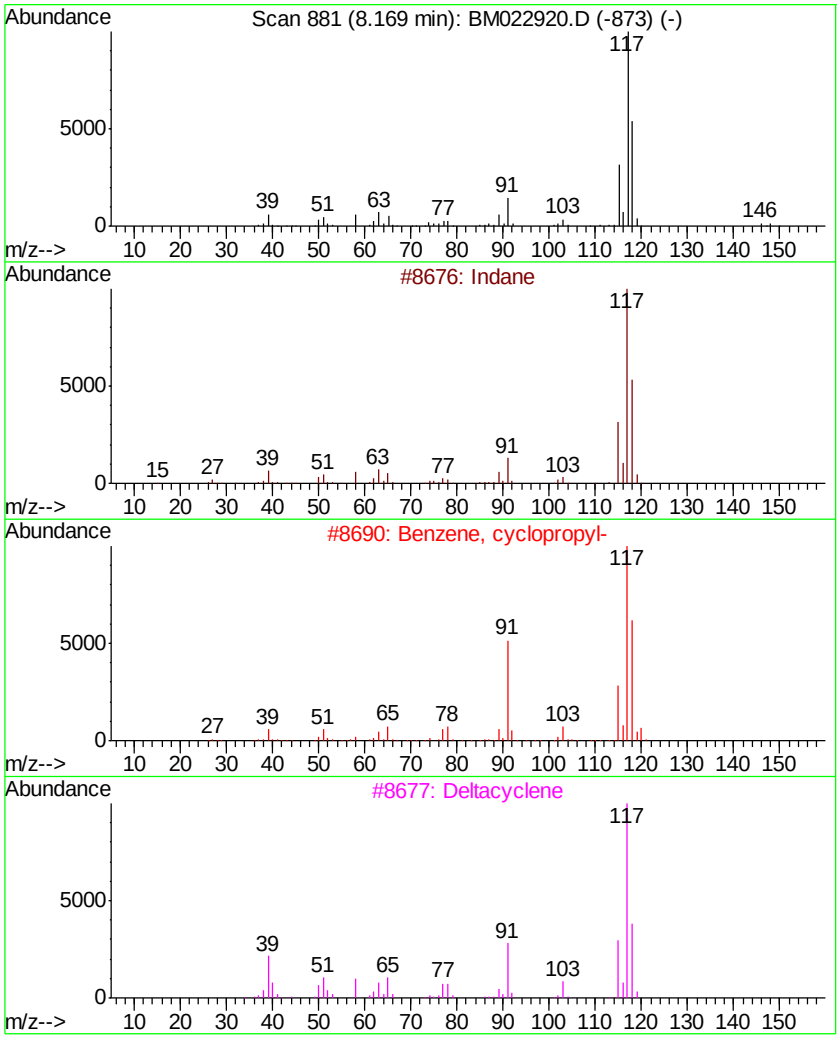
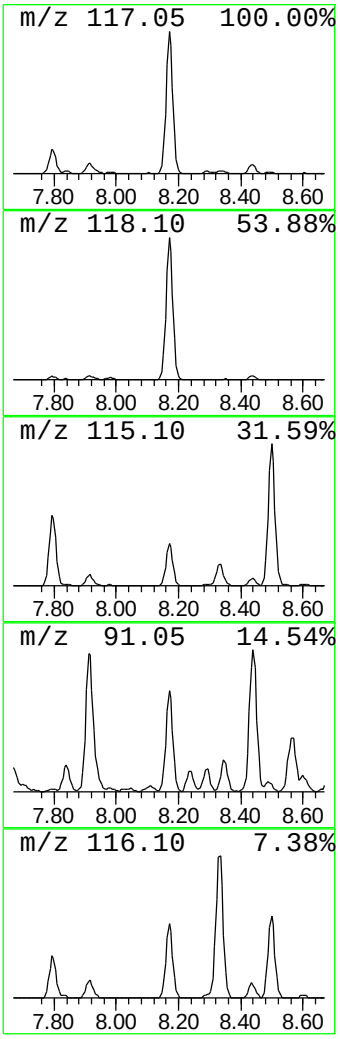
Peak Number 14 Indane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	12.56 ng/ul	848515	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Benzene, cyclopropyl-	118	C9H10	000873-49-4	83
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	64
5	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	60





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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, 1-methyl-3-propyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	4.83 ng/ul	326236	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
2	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	91
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	91
4	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	91
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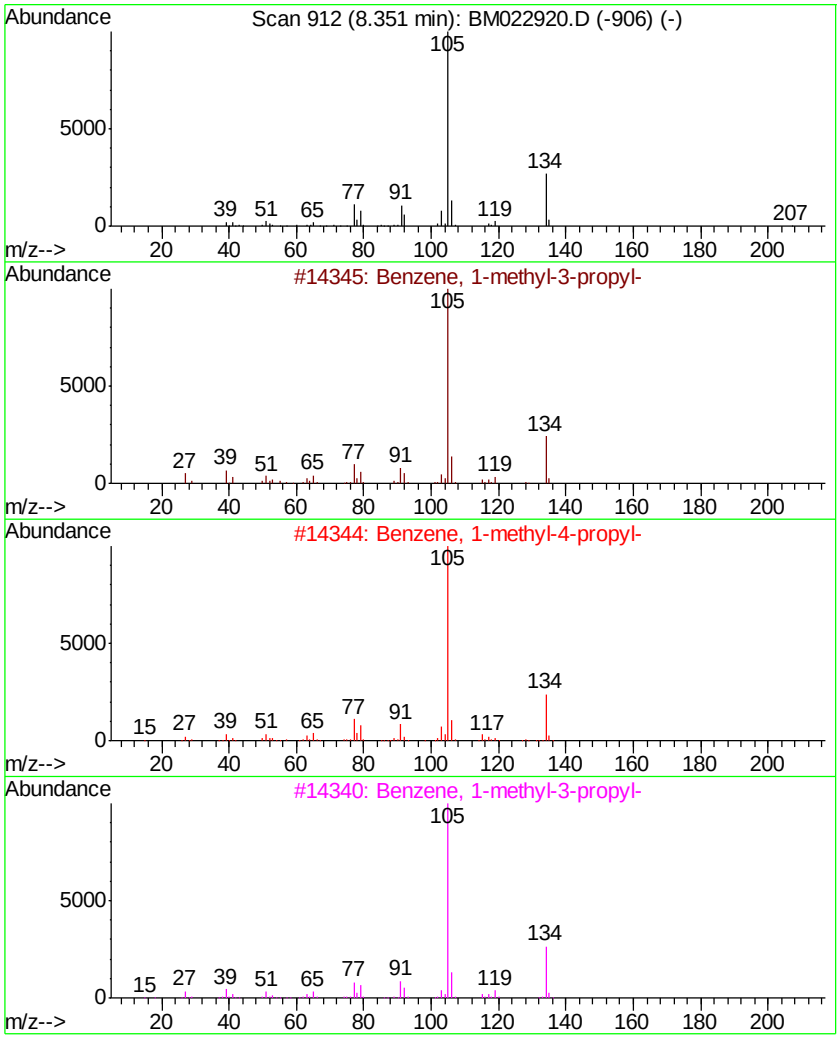

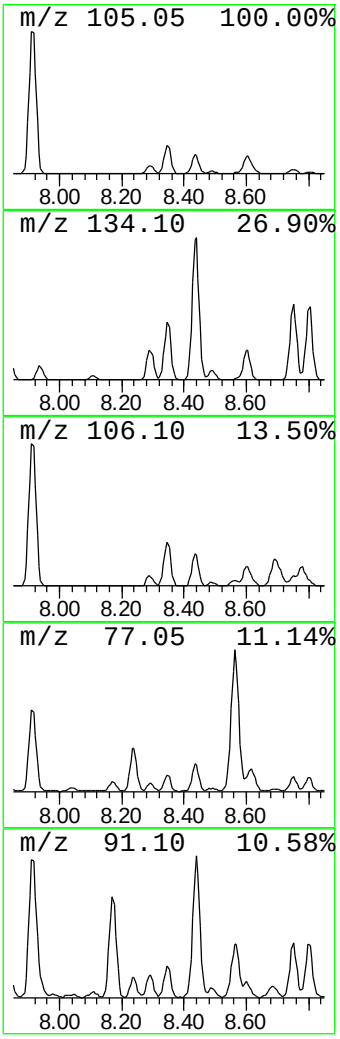

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Quant Title : SVOA CALIBRATION

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

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Peak Number 17 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	8.53 ng/ul	576373	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
3	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	91
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	91
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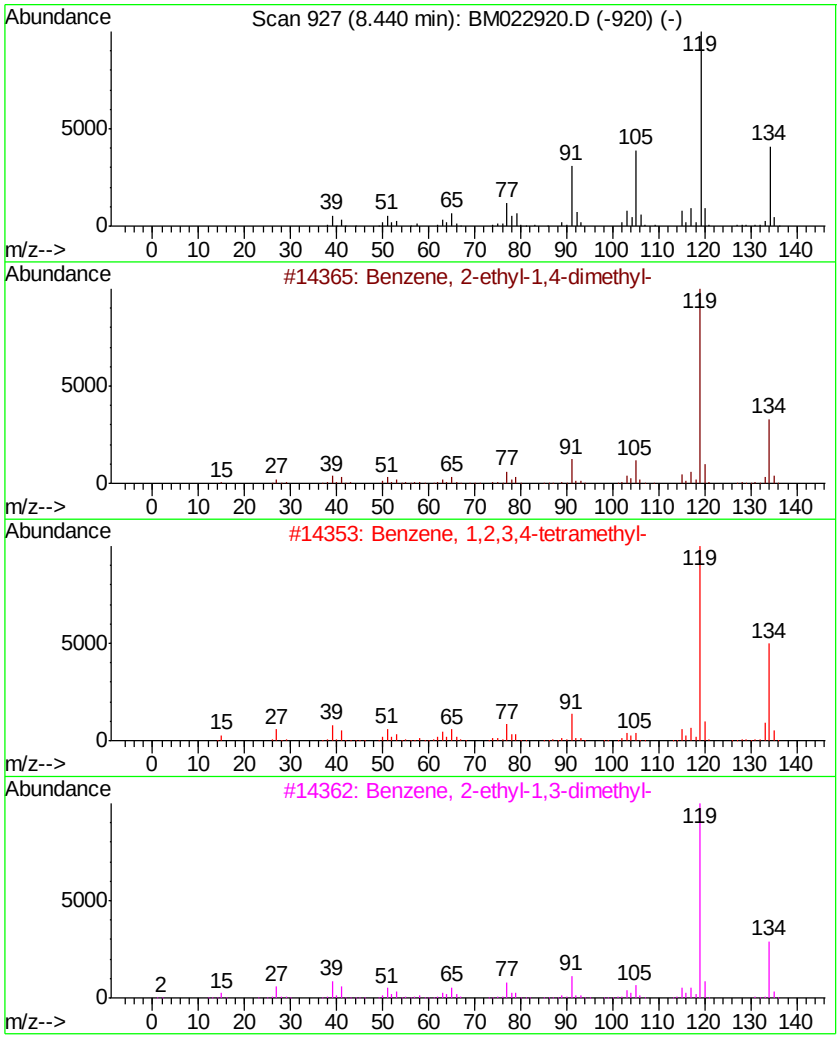

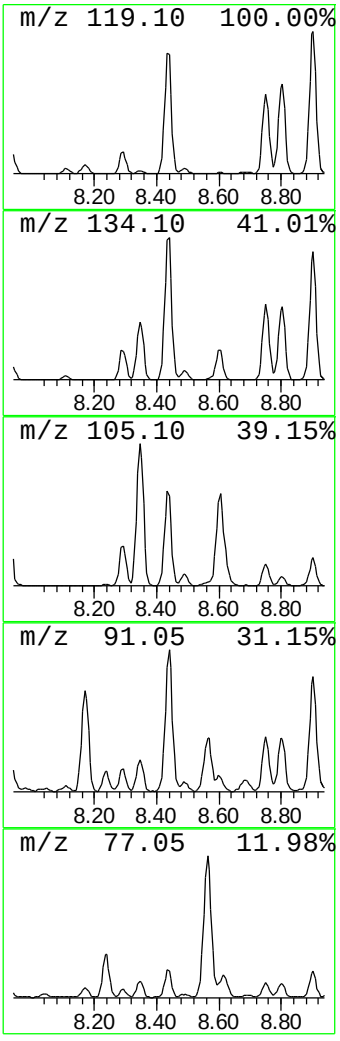

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Quant Title : SVOA CALIBRATION

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

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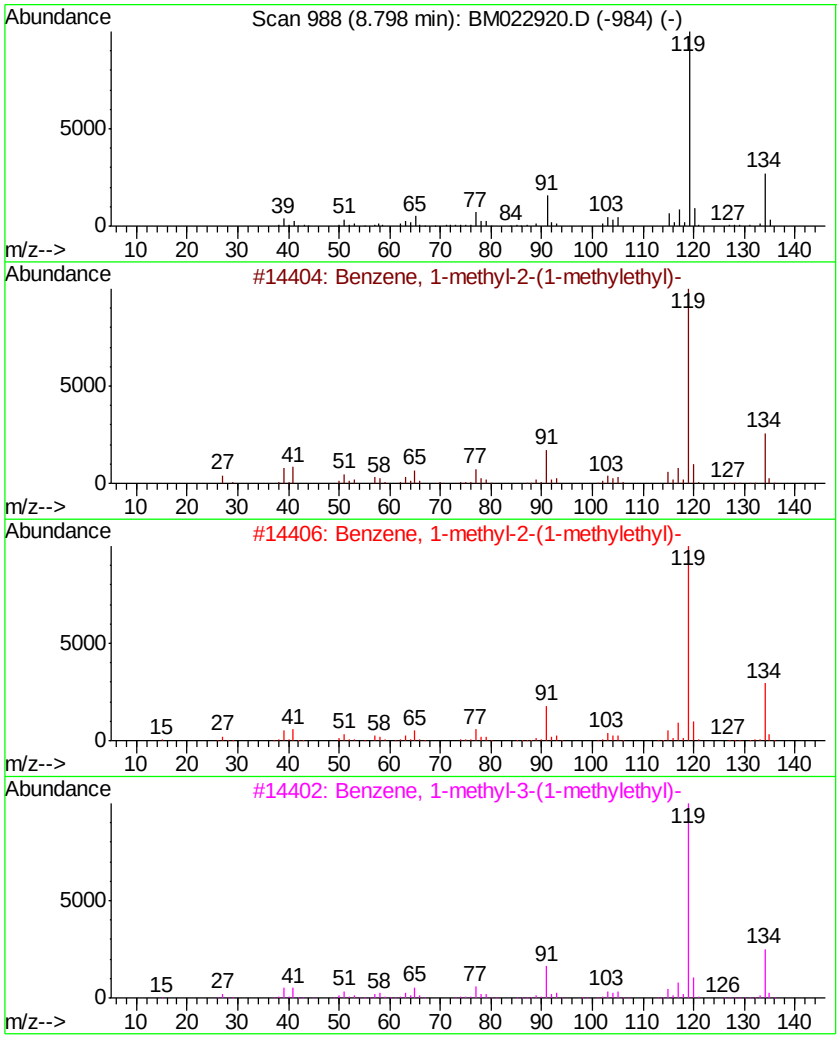
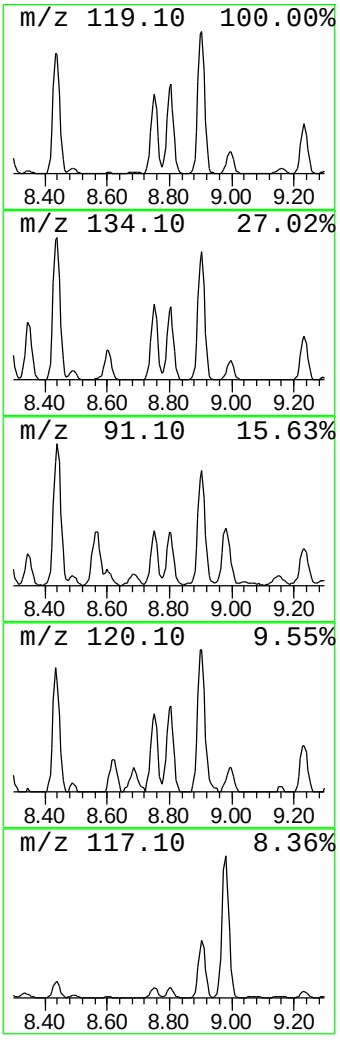
Peak Number 19 Benzene, 1-methyl-2-(1-meth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	4.59 ng/ul	310009	1,4-Dichlorobenzene-d4	7.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	94





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Quant Title : SVOA CALIBRATION

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

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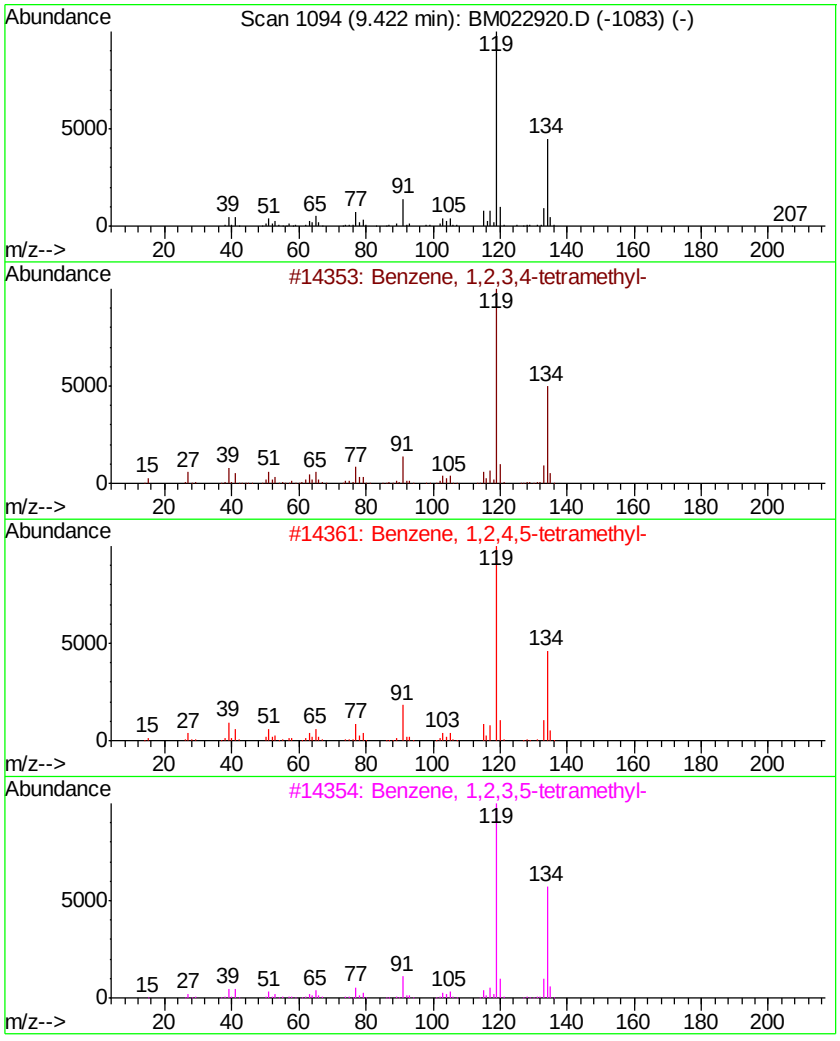
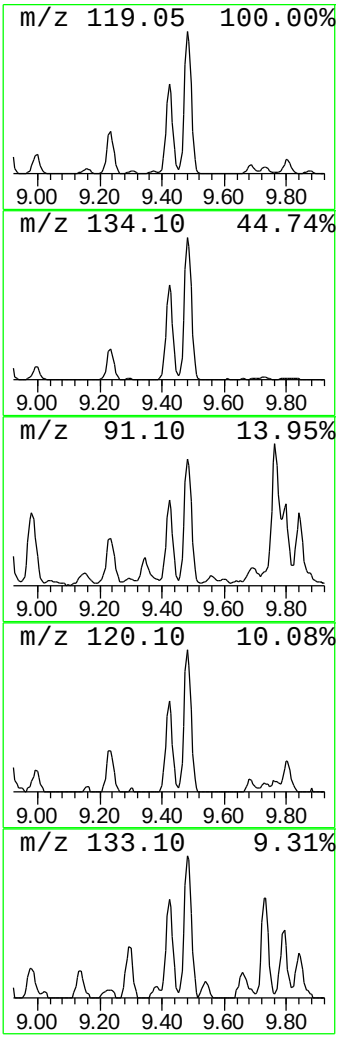
Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.42	3.52 ng/ul	410560	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
2	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
3	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95
4	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	94
5	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	94





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Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

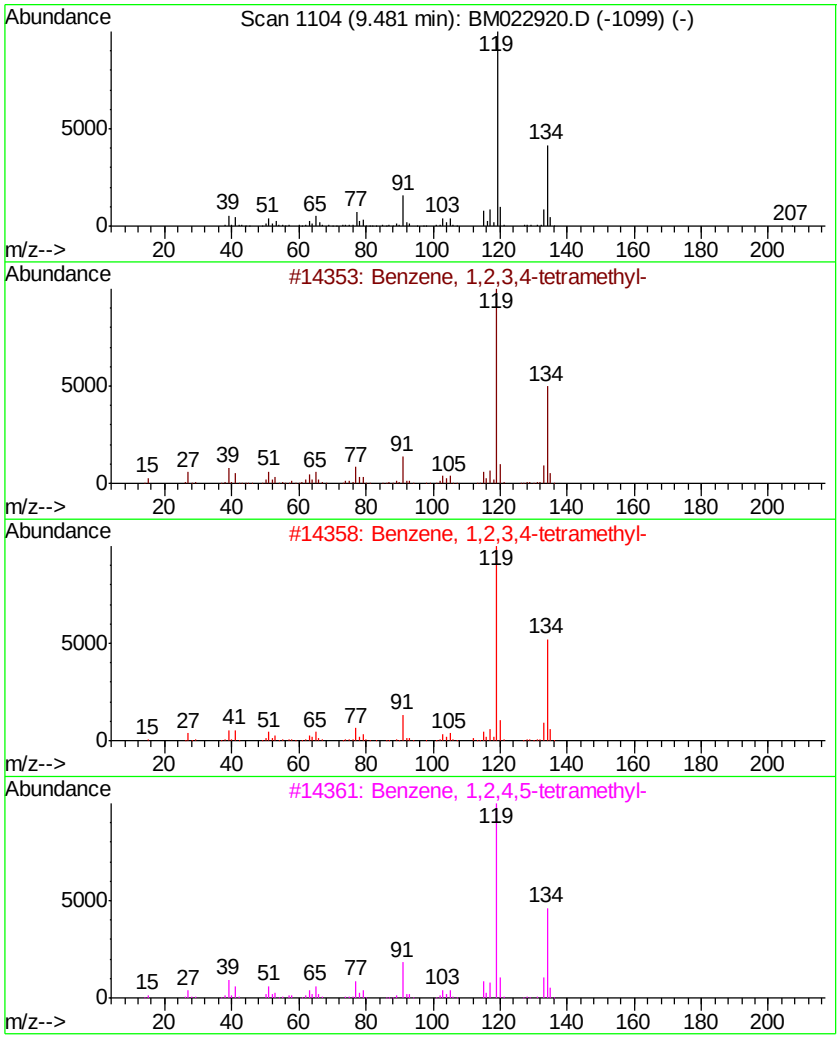
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

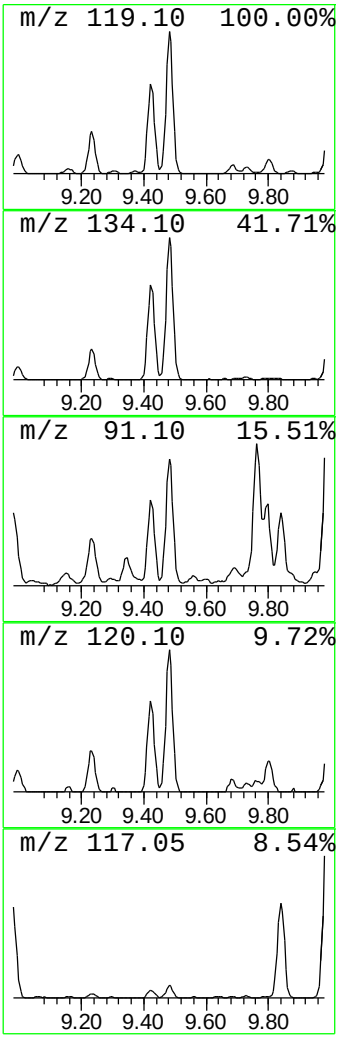
****

Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.48	5.53 ng/ul	645595	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	96
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	95





Library Search Compound Report

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Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

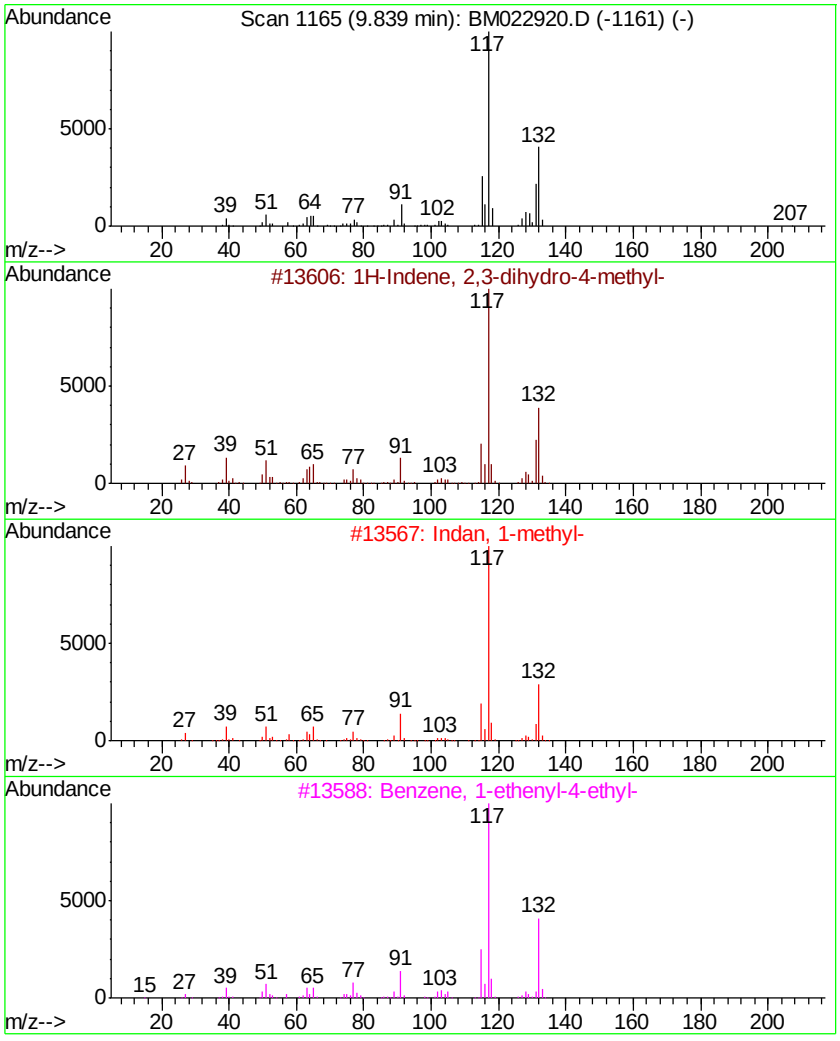
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

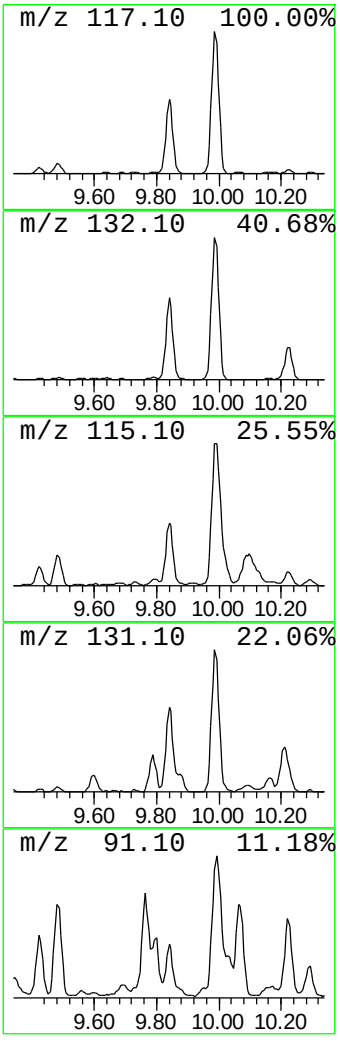
****

Peak Number 22 1H-Indene, 2,3-dihydro-4-me... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.84	3.85 ng/ul	449492	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	94
2	Indan, 1-methyl-	132	C10H12	000767-58-8	87
3	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	87
4	Benzene, 1-ethenyl-4-ethyl-	132	C10H12	003454-07-7	81
5	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	80





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Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

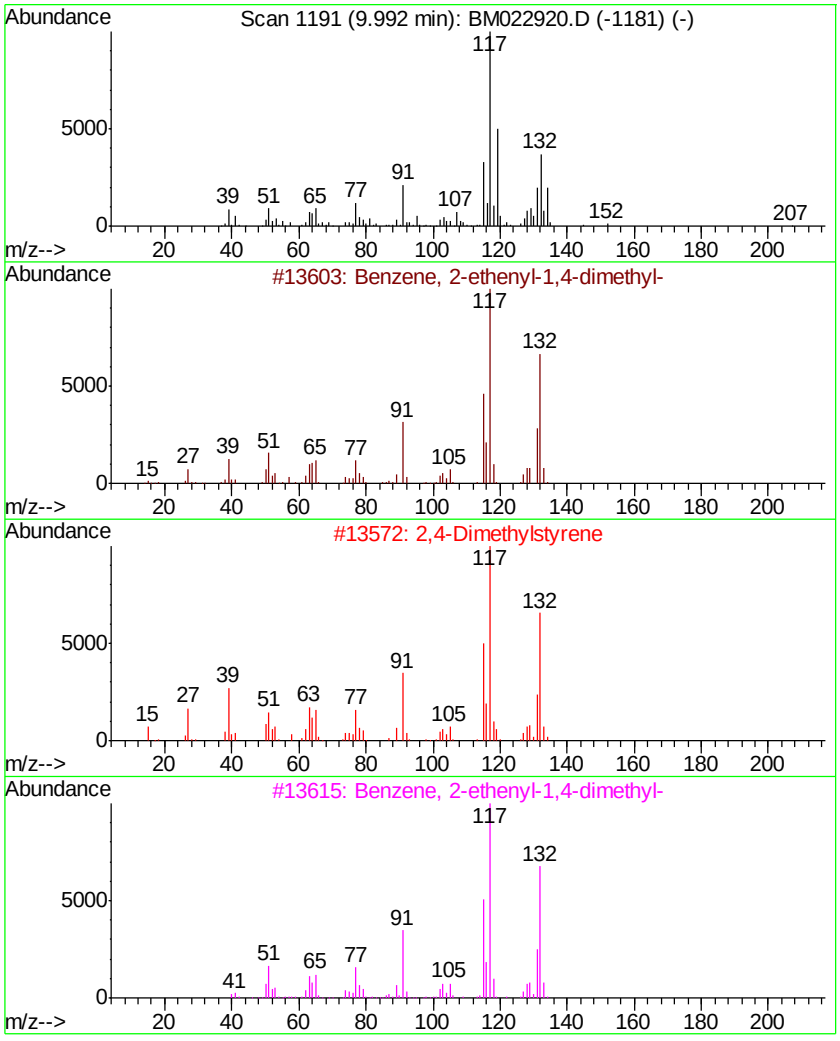
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

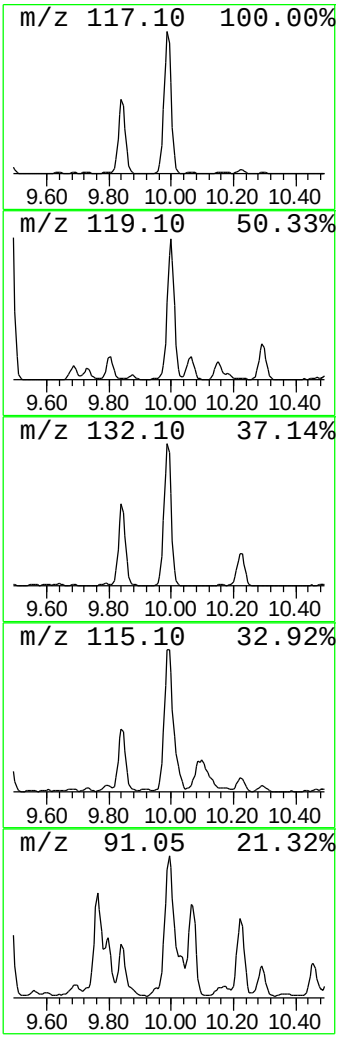
****

Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	20.00 ng/ul	2335780	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	95
2	2,4-Dimethylstyrene	132	C10H12	002234-20-0	86
3	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	70
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	70
5	3-Phenylbut-1-ene	132	C10H12	000934-10-1	70





Library Search Compound Report

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Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

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

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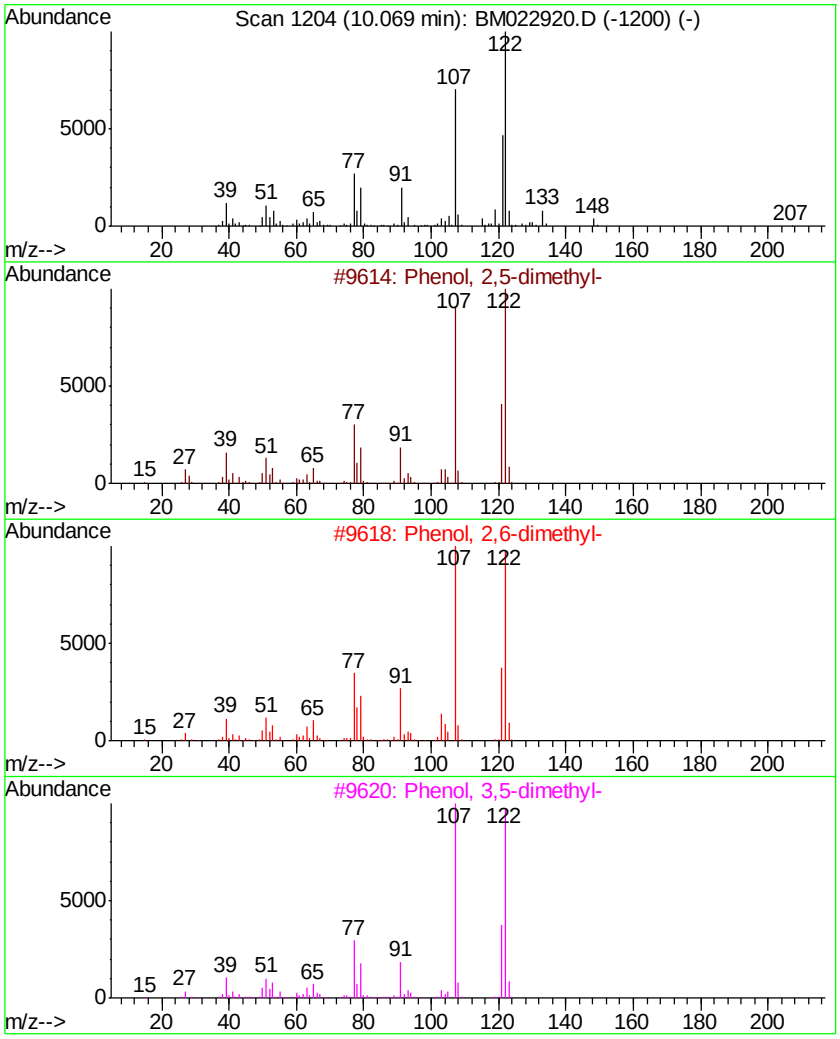
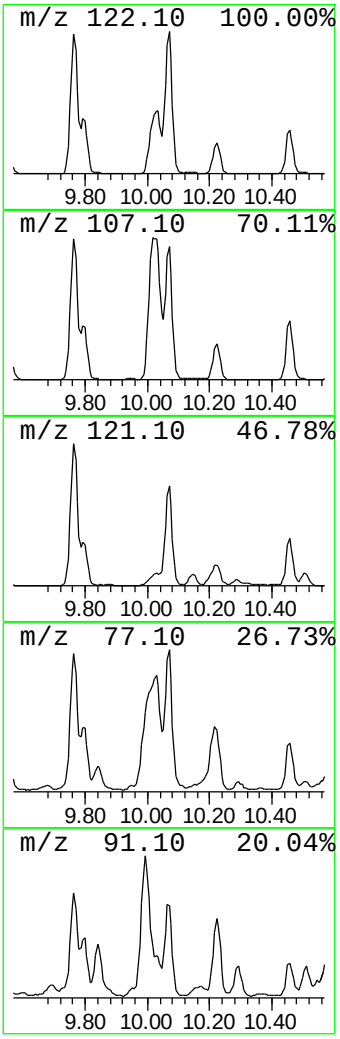
Peak Number 24 Phenol, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	8.31 ng/ul	970559	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
4	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	87





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Acq On : 03 Oct 2019 15:00
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

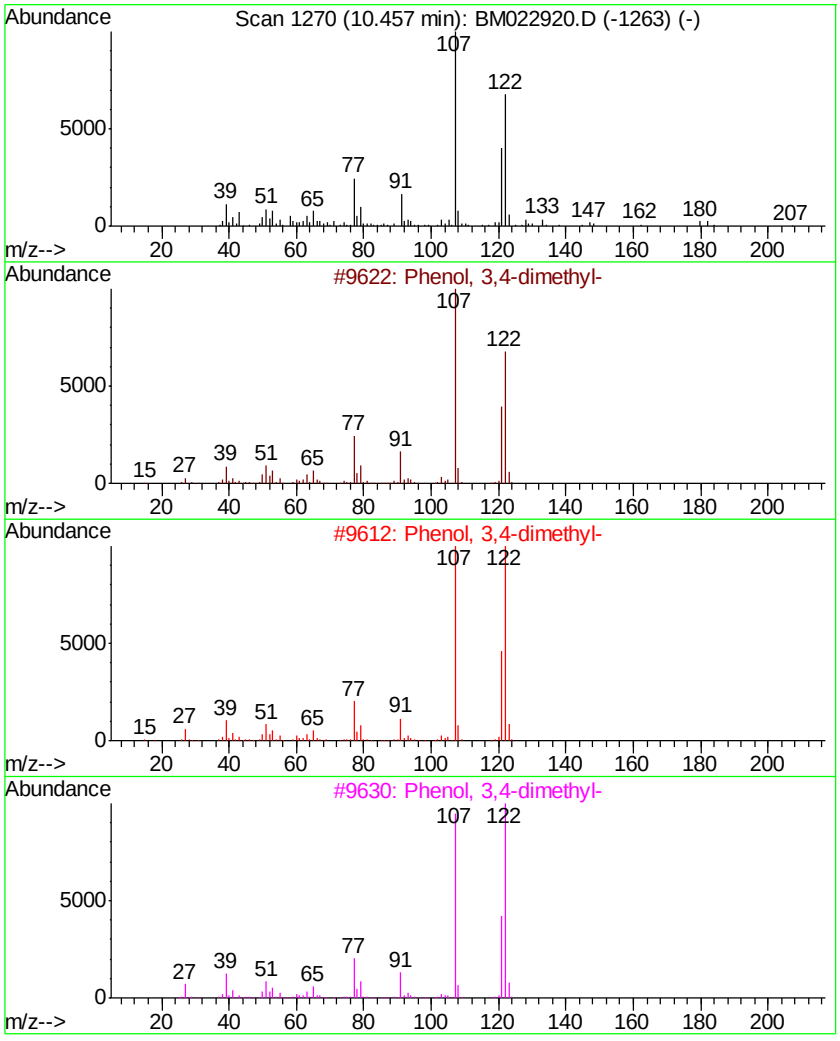
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

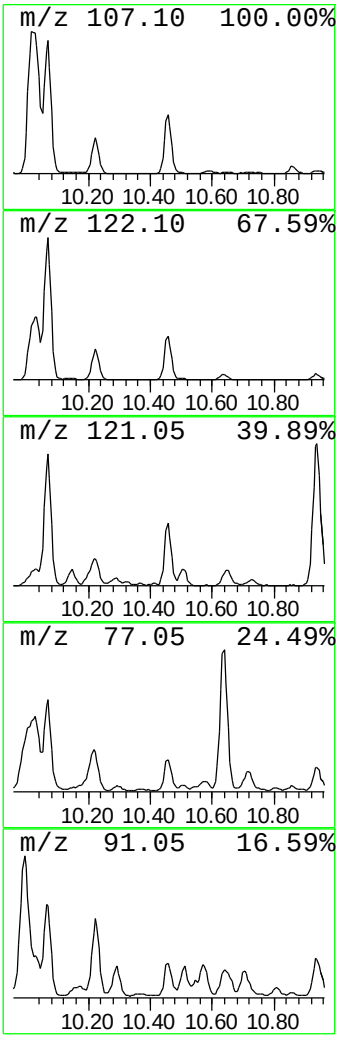
****

Peak Number 25 Phenol, 3,4-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	3.35 ng/ul	390832	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
3	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	95
4	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

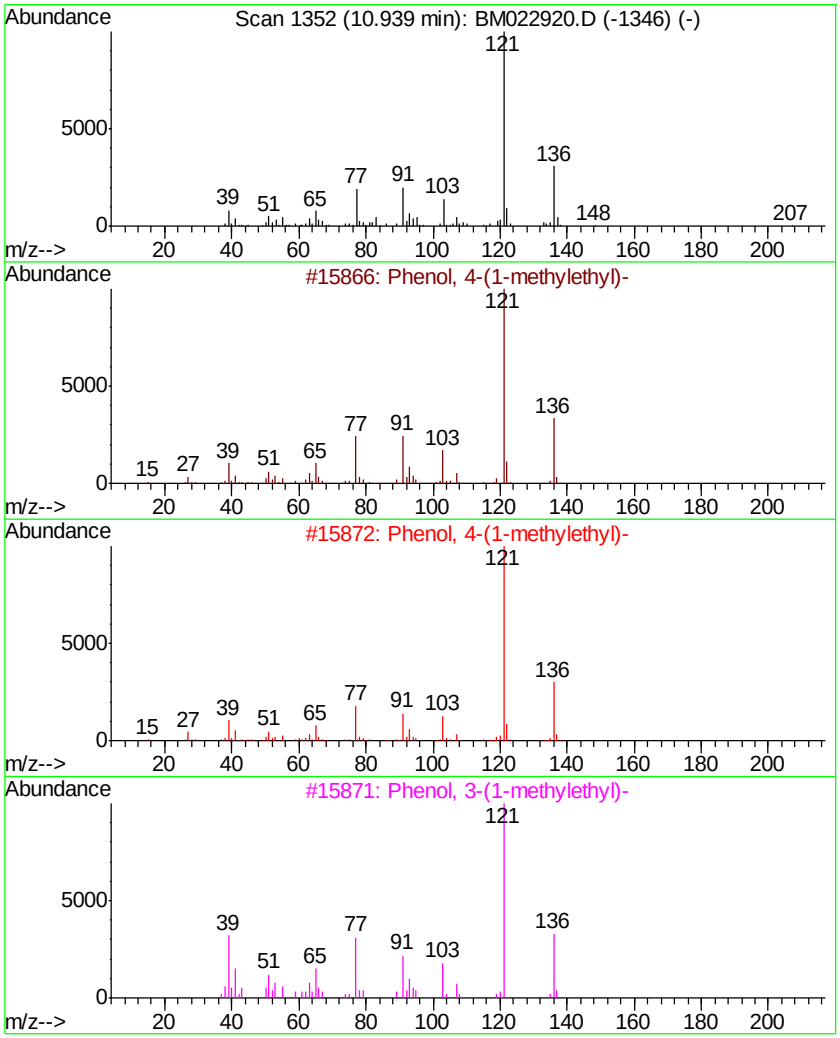
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

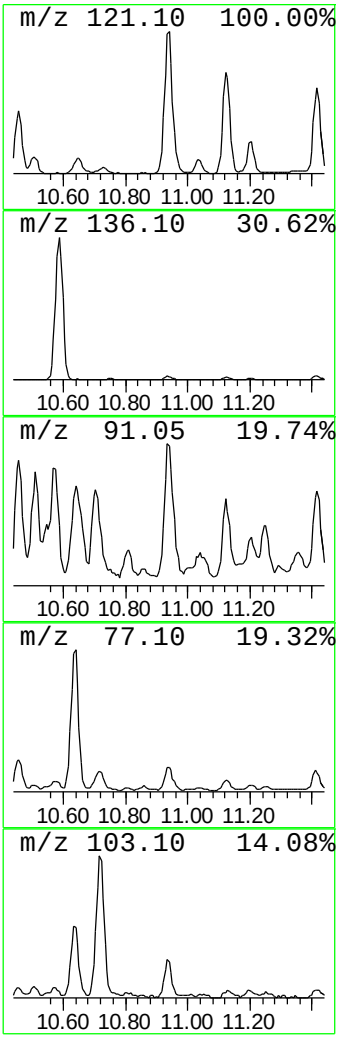
****

Peak Number 26 Phenol, 4-(1-methylethyl)- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.94	2.40 ng/ul	280003	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	95
2	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	94
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	93
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	91
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	90





Library Search Compound Report

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Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

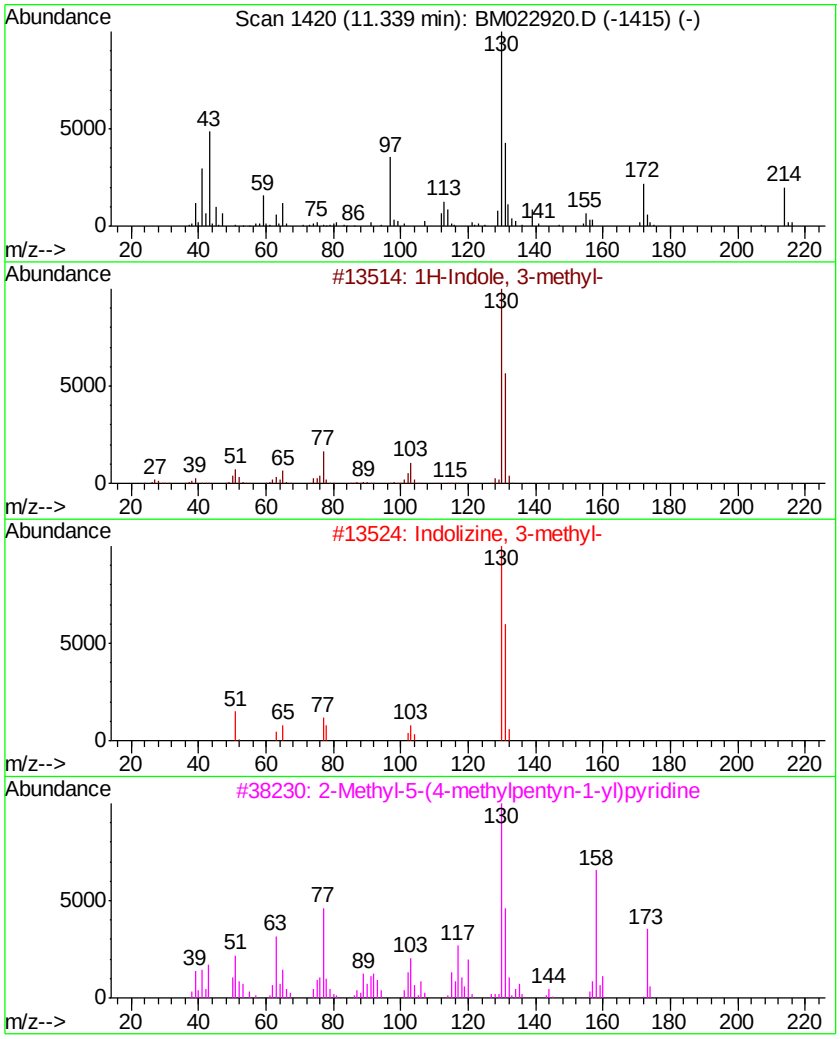
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

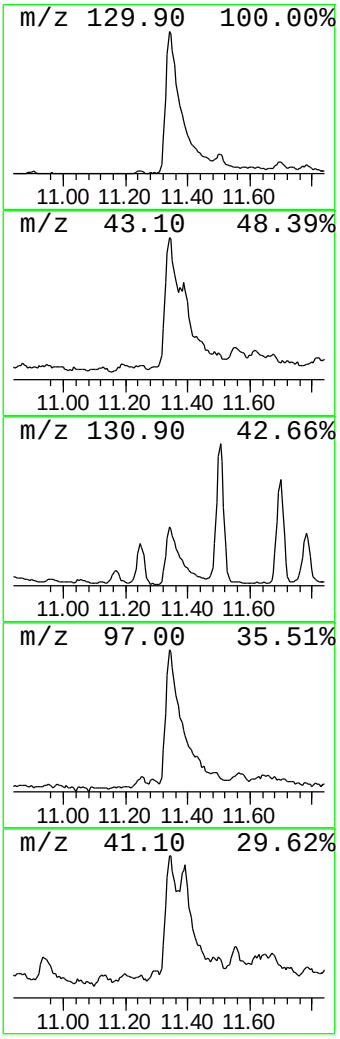
****

Peak Number 27 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	3.93 ng/ul	459177	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indole, 3-methyl-	131	C9H9N	000083-34-1	37
2	Indolizine, 3-methyl-	131	C9H9N	001761-10-0	37
3	2-Methyl-5-(4-methylpentyn-1-yl)...	173	C12H15N	016232-31-8	28
4	Thiophene, 3-(methylthio)-	130	C5H6S2	020731-74-2	25
5	3-Amino-5-mercapto-4-methyl-1,2,...	130	C3H6N4S	066870-09-5	23





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Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 28 1H-Indene, 2,3-dihydro-1,2-... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	2.95 ng/ul	343969	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	53
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	49
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	47
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	46
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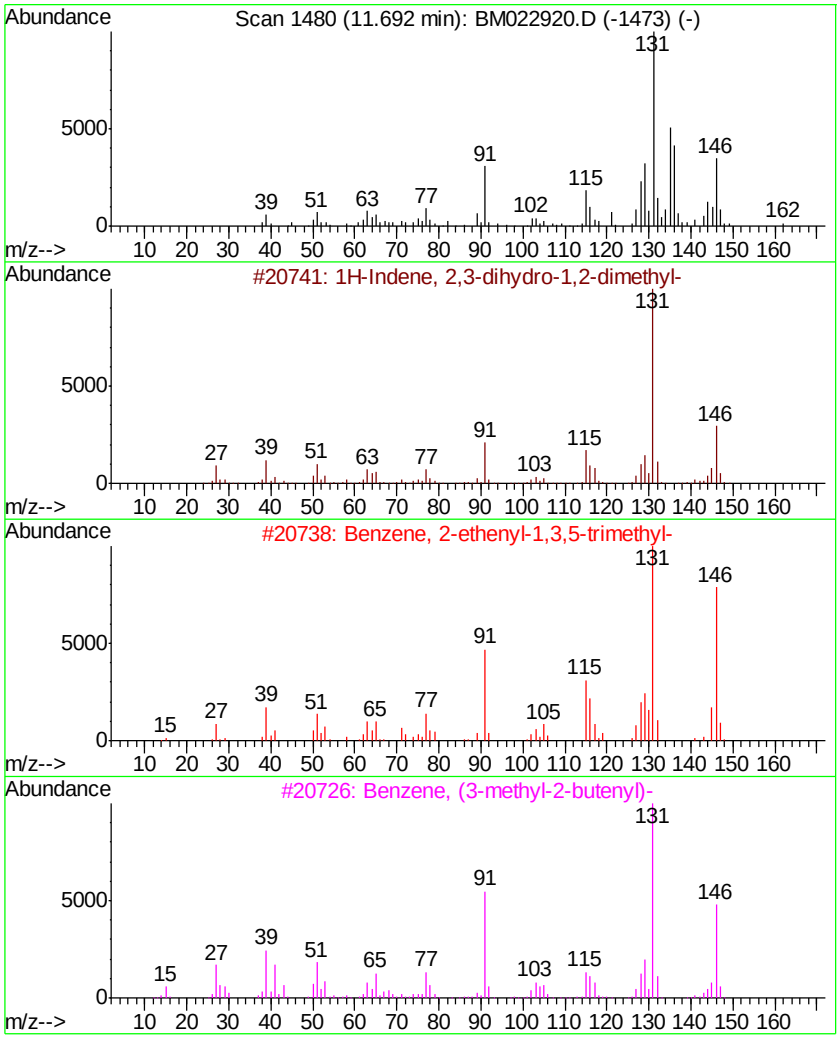

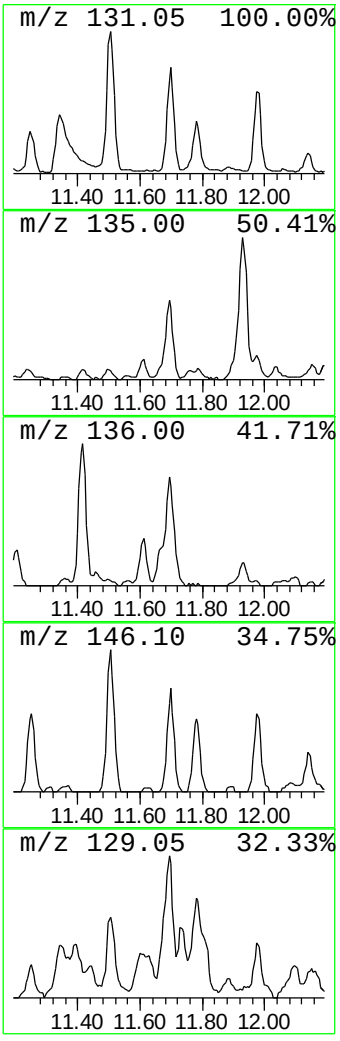

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Operator : JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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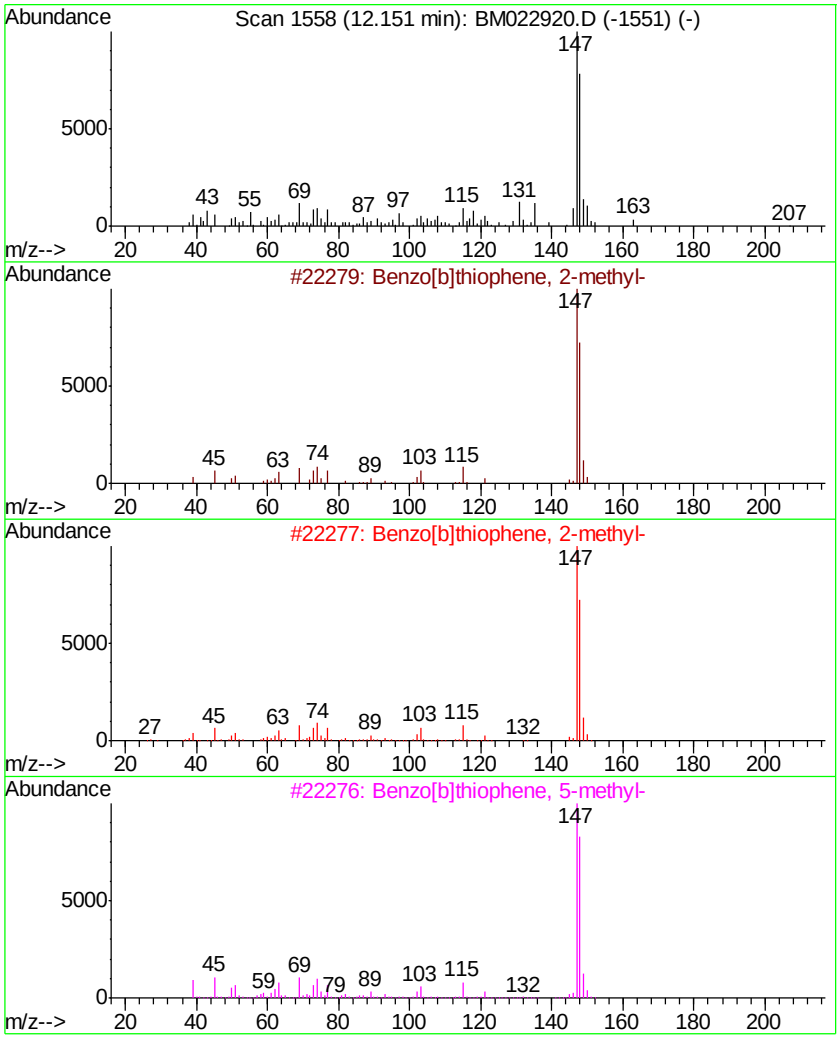
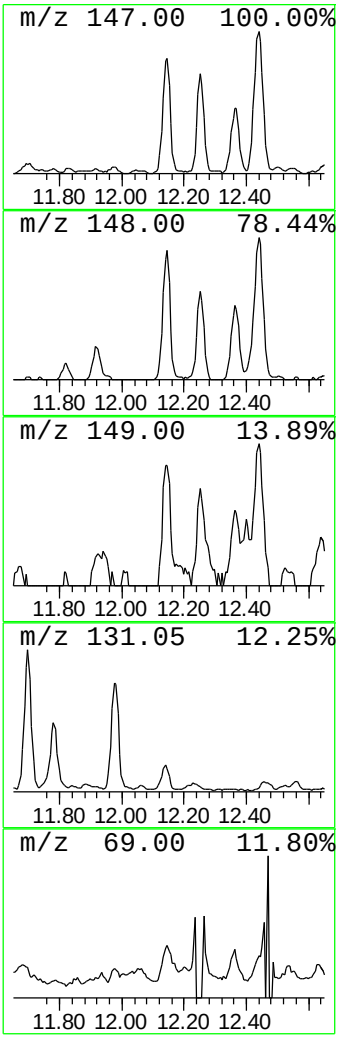
Peak Number 29 Benzo[b]thiophene, 2-methyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.15	2.69 ng/ul	313896	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	81
3	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	81
4	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	81
5	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	74





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ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

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

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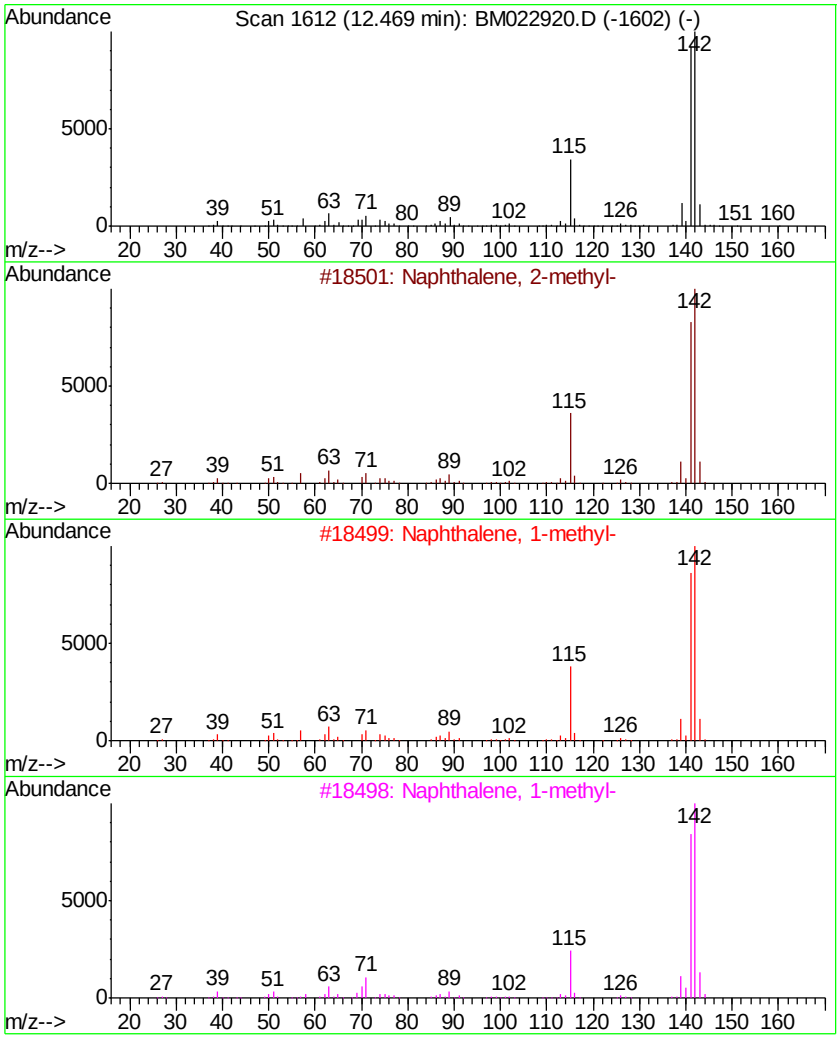
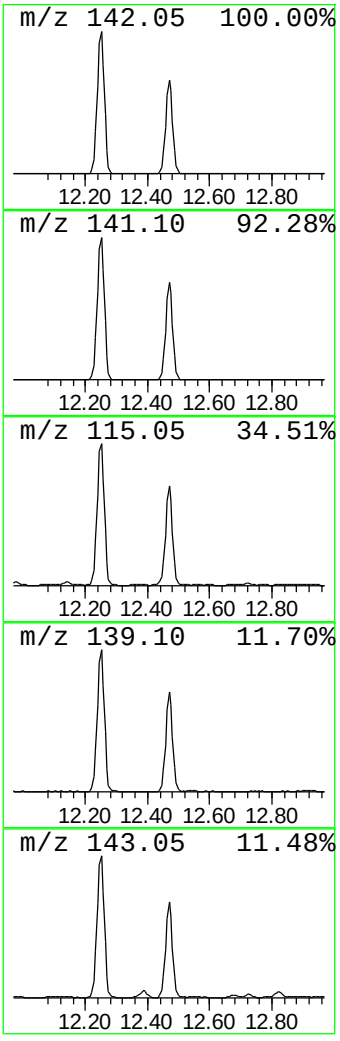
Peak Number 30 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	16.83 ng/ul	1964980	Naphthalene-d8	10.59

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, 1-methyl-	142	C11H10	000090-12-0	94
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

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Quant Title : SVOA CALIBRATION

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

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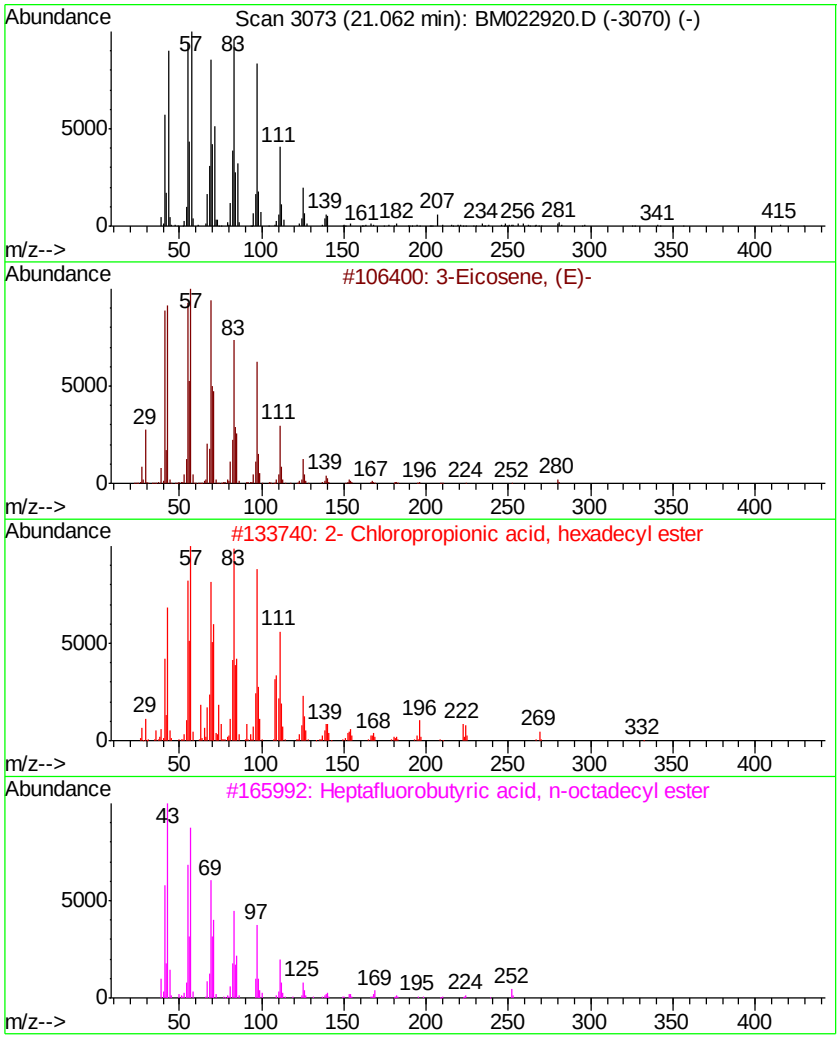
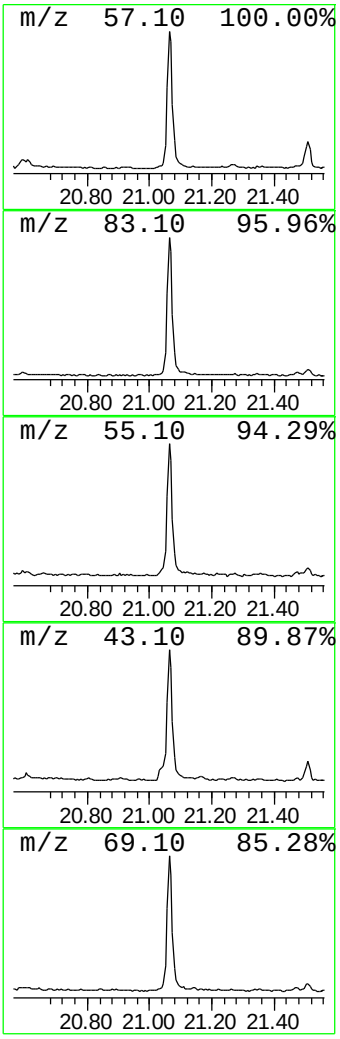
Peak Number 44 (DEL) Alkane: Cyclic21.06 Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.23 ng/ul	583128	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
3	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
4	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100319\
Data File : BM022920.D
Acq On : 03 Oct 2019 15:00
Operator : JU
Sample : K4932-02
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDG4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.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
Methyl Isobutyl K...	3.60	2.7	ng/ul	181063	1	7.79	1350670	20.0
2-Hexanol	3.83	5.0	ng/ul	335348	1	7.79	1350670	20.0
Toluene	4.00	13.0	ng/ul	878685	1	7.79	1350670	20.0
3-Pentanone, 2,4-...	4.26	2.7	ng/ul	182985	1	7.79	1350670	20.0
Ethylbenzene	5.32	8.4	ng/ul	565618	1	7.79	1350670	20.0
p-Xylene	5.45	33.3	ng/ul	2247930	1	7.79	1350670	20.0
Benzene, 1,3-dime...	5.82	23.8	ng/ul	1609680	1	7.79	1350670	20.0
Benzene, propyl-	6.78	3.6	ng/ul	245361	1	7.79	1350670	20.0
Benzene, 1-ethyl-...	6.89	15.2	ng/ul	1028970	1	7.79	1350670	20.0
Benzene, 1-ethyl-...	7.19	9.5	ng/ul	640186	1	7.79	1350670	20.0
Benzene, 1,2,3-tr...	7.45	42.5	ng/ul	2873830	1	7.79	1350670	20.0
1-Hexanol, 2-ethyl-	7.86	4.2	ng/ul	284185	1	7.79	1350670	20.0
Indane	8.17	12.6	ng/ul	848515	1	7.79	1350670	20.0
Benzene, 1-methyl...	8.35	4.8	ng/ul	326236	1	7.79	1350670	20.0
Benzene, 2-ethyl-...	8.44	8.5	ng/ul	576373	1	7.79	1350670	20.0
Benzene, 1-methyl...	8.80	4.6	ng/ul	310009	1	7.79	1350670	20.0
Benzene, 1,2,3,4-...	9.42	3.5	ng/ul	410560	2	10.59	2335530	20.0
Benzene, 1,2,4,5-...	9.48	5.5	ng/ul	645595	2	10.59	2335530	20.0
1H-Indene, 2,3-di...	9.84	3.9	ng/ul	449492	2	10.59	2335530	20.0
Benzene, 2-etheny...	9.99	20.0	ng/ul	2335780	2	10.59	2335530	20.0
Phenol, 2,5-dimet...	10.07	8.3	ng/ul	970559	2	10.59	2335530	20.0
Phenol, 3,4-dimet...	10.46	3.4	ng/ul	390832	2	10.59	2335530	20.0
Phenol, 4-(1-meth...	10.94	2.4	ng/ul	280003	2	10.59	2335530	20.0
unknown-01	11.34	3.9	ng/ul	459177	2	10.59	2335530	20.0
1H-Indene, 2,3-di...	11.69	3.0	ng/ul	343969	2	10.59	2335530	20.0
Benzo[b]thiophene...	12.15	2.7	ng/ul	313896	2	10.59	2335530	20.0
Naphthalene, 1-me...	12.47	16.8	ng/ul	1964980	2	10.59	2335530	20.0
(DEL) Alkane: Cyc...	21.06	4.2	ng/ul	583128	5	21.35	2756680	20.0