LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022907.D
Acq On : 02 Oct 2019 23:50
Operator : JU
Sample : K4895-19
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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	3.275	45	49	50	rBV	91649	113895	2.33%	0.122%
2	3.304	50	54	69	rVV	2495632	3157841	64.47%	3.390%
3	3.669	112	116	122	rVV	86811	114650	2.34%	0.123%
4	3.728	122	126	132	rVV	266409	319772	6.53%	0.343%
5	3.916	151	158	164	rVB3	40165	77427	1.58%	0.083%
6	4.004	166	173	184	rVB2	528126	834848	17.04%	0.896%
7	4.269	213	218	225	rBV	543214	707709	14.45%	0.760%
8	4.334	225	229	243	rVB2	74265	120551	2.46%	0.129%
9	4.446	243	248	256	rBV	811490	1064015	21.72%	1.142%
10	4.516	256	260	271	rVB2	53574	113799	2.32%	0.122%
11	4.898	317	325	334	rVV	969685	1293923	26.42%	1.389%
12	5.322	391	397	405	rVB	281735	410329	8.38%	0.440%
13	5.451	413	419	431	rVB	816682	1596352	32.59%	1.714%
14	5.757	462	471	476	rBV	147050	214458	4.38%	0.230%
15	5.822	476	482	490	rVB	685796	1020817	20.84%	1.096%
16	6.787	640	646	658	rVV	120323	208950	4.27%	0.224%
17	6.892	658	664	670	rVV	517046	774992	15.82%	0.832%
18	6.963	670	676	683	rVV3	443427	1008987	20.60%	1.083%
19	7.028	683	687	693	rVB	385970	565273	11.54%	0.607%
20	7.128	698	704	711	rVV	746963	1213766	24.78%	1.303%
21	7.192	711	715	723	rVV	303956	461511	9.42%	0.495%
22	7.334	732	739	749	rVV	950345	1476833	30.15%	1.585%
23	7.451	749	759	767	rVB	1379389	2040098	41.65%	2.190%
24	7.798	811	818	823	rBV	1065601	1677032	34.24%	1.800%
25	7.839	823	825	829	rVV2	60880	92548	1.89%	0.099%
26	7.916	832	838	847	rVV	591160	950643	19.41%	1.021%
27	8.175	873	882	888	rVB2	292864	641771	13.10%	0.689%
28	8.239	888	893	898	rBV	62678	94052	1.92%	0.101%
29	8.292	898	902	906	rVV	69953	100971	2.06%	0.108%
30	8.345	906	911	917	rVV2	133259	233119	4.76%	0.250%
31	8.439	921	927	932	rBV2	281456	428415	8.75%	0.460%
32	8.504	932	938	944	rVV	828537	1320153	26.95%	1.417%
33	8.569	944	949	953	rVV	131021	225291	4.60%	0.242%
34	8.604	953	955	964	rVB2	75399	122926	2.51%	0.132%

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Sample : K4895-19
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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	8.751	975	980	985	rBV	139461	219289	4.48%	0.235%
36	8.804	985	989	998	rVB	148587	221526	4.52%	0.238%
37	8.904	998	1006	1009	rBV	300373	468176	9.56%	0.503%
38	8.951	1009	1014	1025	rVV2	978659	1829461	37.35%	1.964%
39	9.233	1056	1062	1068	rVB2	90315	161672	3.30%	0.174%
40	9.428	1080	1095	1100	rBV	180896	333217	6.80%	0.358%
41	9.486	1100	1105	1112	rVB	293310	438450	8.95%	0.471%
42	9.563	1113	1118	1122	rVB	51228	74221	1.52%	0.080%
43	9.675	1128	1137	1143	rBV	823787	1404088	28.67%	1.507%
44	9.769	1143	1153	1155	rBV2	231559	392049	8.00%	0.421%
45	9.798	1155	1158	1162	rVV3	180568	275536	5.63%	0.296%
46	9.845	1162	1166	1174	rVB	187581	302950	6.19%	0.325%
47	9.992	1180	1191	1200	rBV3	477179	1261957	25.76%	1.355%
48	10.069	1200	1204	1215	rVB	482361	764090	15.60%	0.820%
49	10.210	1221	1228	1238	rVB	1411746	2552339	52.11%	2.740%
50	10.292	1238	1242	1251	rVB	44363	70457	1.44%	0.076%
51	10.457	1265	1270	1275	rVV2	74289	140970	2.88%	0.151%
52	10.510	1275	1279	1283	rVV	138581	219107	4.47%	0.235%
53	10.586	1283	1292	1297	rVV	1543867	2787379	56.91%	2.992%
54	10.639	1297	1301	1308	rVV	1251187	2044542	41.74%	2.195%
55	10.722	1308	1315	1326	rVV	1012142	1943573	39.68%	2.086%
56	10.945	1347	1353	1360	rVB	103171	215883	4.41%	0.232%
57	11.033	1360	1368	1377	rVB3	35152	91108	1.86%	0.098%
58	11.127	1377	1384	1390	rBV	88847	166244	3.39%	0.178%
59	11.204	1393	1397	1401	rVV2	51355	86701	1.77%	0.093%
60	11.251	1401	1405	1410	rVB2	48793	79650	1.63%	0.086%
61	11.416	1420	1433	1438	rBV	218613	394902	8.06%	0.424%
62	11.504	1444	1448	1454	rVB	74479	120508	2.46%	0.129%
63	11.610	1461	1466	1471	rBV	55758	102907	2.10%	0.110%
64	11.669	1471	1476	1478	rVV	70803	119008	2.43%	0.128%
65	11.698	1478	1481	1489	rVV2	107952	184541	3.77%	0.198%
66	11.786	1491	1496	1508	rVB4	50591	108229	2.21%	0.116%
67	11.933	1509	1521	1525	rBV2	100486	218437	4.46%	0.234%
68	12.145	1552	1557	1561	rBV3	50308	93026	1.90%	0.100%
69	12.251	1568	1575	1586	rVB	847119	1313302	26.81%	1.410%
70	12.474	1603	1613	1618	rVB	556603	941428	19.22%	1.011%
71	13.274	1743	1749	1758	rVB2	168239	270940	5.53%	0.291%

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ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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

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Peak separation: 5

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

72	13.610	1792	1806	1814	rBV4	100213	303063	6.19%	0.325%
73	13.757	1825	1831	1836	rVV	150111	292396	5.97%	0.314%
74	13.810	1836	1840	1841	rVV	123222	168309	3.44%	0.181%
75	13.845	1841	1846	1850	rVV	2301433	3304949	67.47%	3.548%
76	13.892	1850	1854	1865	rVB	1184106	1616628	33.01%	1.735%
77	13.992	1865	1871	1875	rBV	71026	123536	2.52%	0.133%
78	14.127	1883	1894	1904	rBV	2652275	4058816	82.87%	4.357%
79	14.351	1925	1932	1936	rBV6	43627	73721	1.51%	0.079%
80	14.433	1936	1946	1955	rBV	2354865	3647798	74.47%	3.916%
81	14.633	1972	1980	1985	rBV	246056	420652	8.59%	0.452%
82	14.704	1985	1992	1998	rVV3	47509	116505	2.38%	0.125%
83	14.833	2009	2014	2022	rVB3	58500	130996	2.67%	0.141%
84	15.204	2072	2077	2079	rBV	81061	114998	2.35%	0.123%
85	15.427	2107	2115	2120	rBV	3476290	4869655	99.42%	5.228%
86	15.480	2120	2124	2128	rVV2	74541	110408	2.25%	0.119%
87	15.539	2128	2134	2141	rVV	837745	1170561	23.90%	1.257%
88	15.662	2148	2155	2164	rVB7	61613	184050	3.76%	0.198%
89	17.174	2406	2412	2416	rBV	2435823	3361109	68.62%	3.608%
90	17.215	2416	2419	2423	rVV	142596	189048	3.86%	0.203%
91	17.268	2423	2428	2438	rVB	3404897	4859989	99.22%	5.217%
92	17.356	2439	2443	2449	rBV2	59726	108231	2.21%	0.116%
93	17.539	2469	2474	2478	rBV2	137642	220011	4.49%	0.236%
94	18.074	2560	2565	2575	rBV	437869	651243	13.30%	0.699%
95	19.350	2778	2782	2789	rBV	188560	278651	5.69%	0.299%
96	19.562	2812	2818	2831	rBV	3537332	4898102	100.00%	5.258%
97	21.062	3070	3073	3078	rBV	487188	564770	11.53%	0.606%
98	21.350	3117	3122	3129	rBV	2142724	2785388	56.87%	2.990%
99	23.468	3476	3482	3498	rVB	2279946	4476388	91.39%	4.805%
100	23.609	3500	3506	3515	rBV	1483846	2843845	58.06%	3.053%

Sum of corrected areas: 93153396

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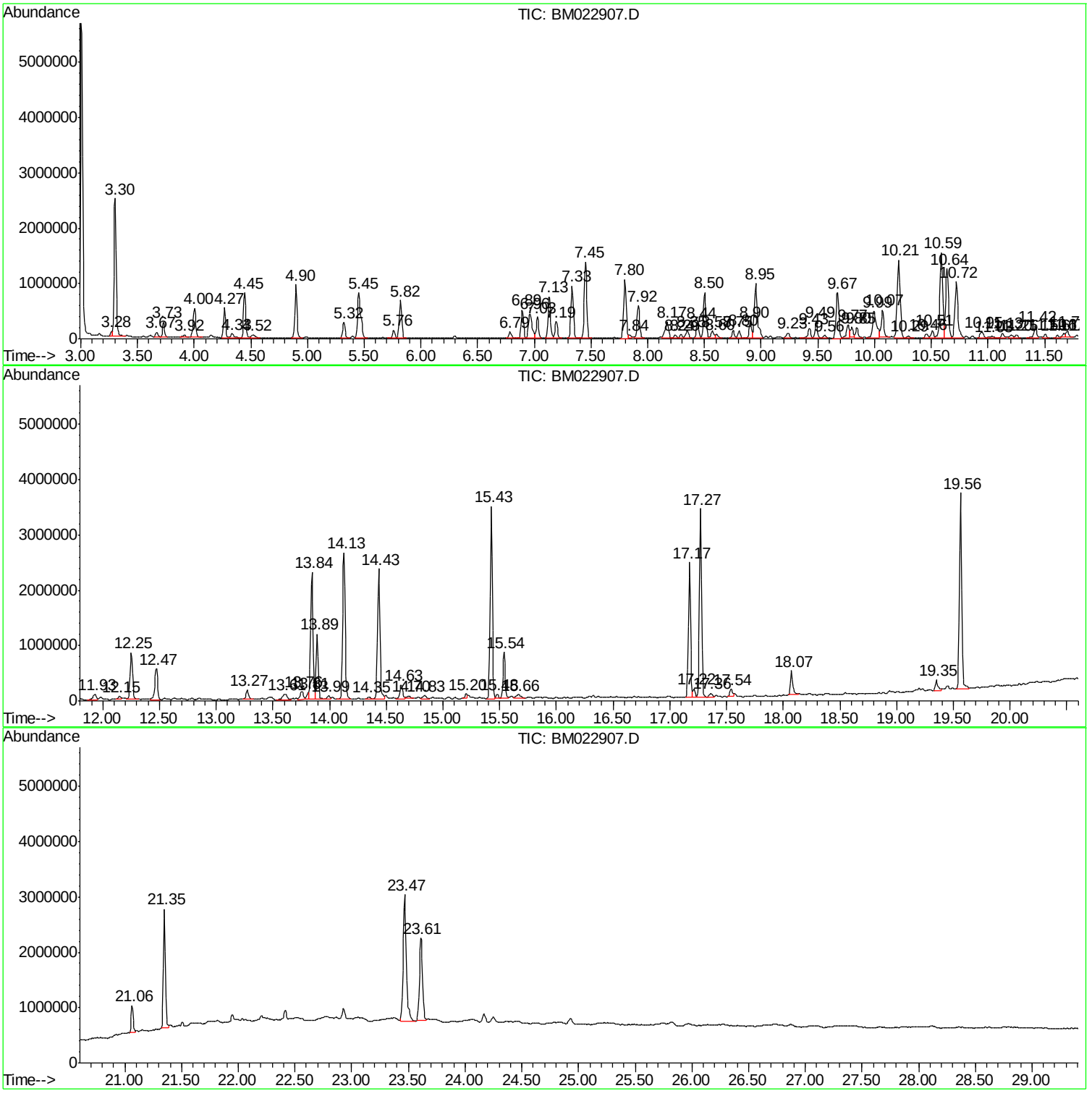
ALS Vial : 53 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BFDH4

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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Instrument : BNA_M
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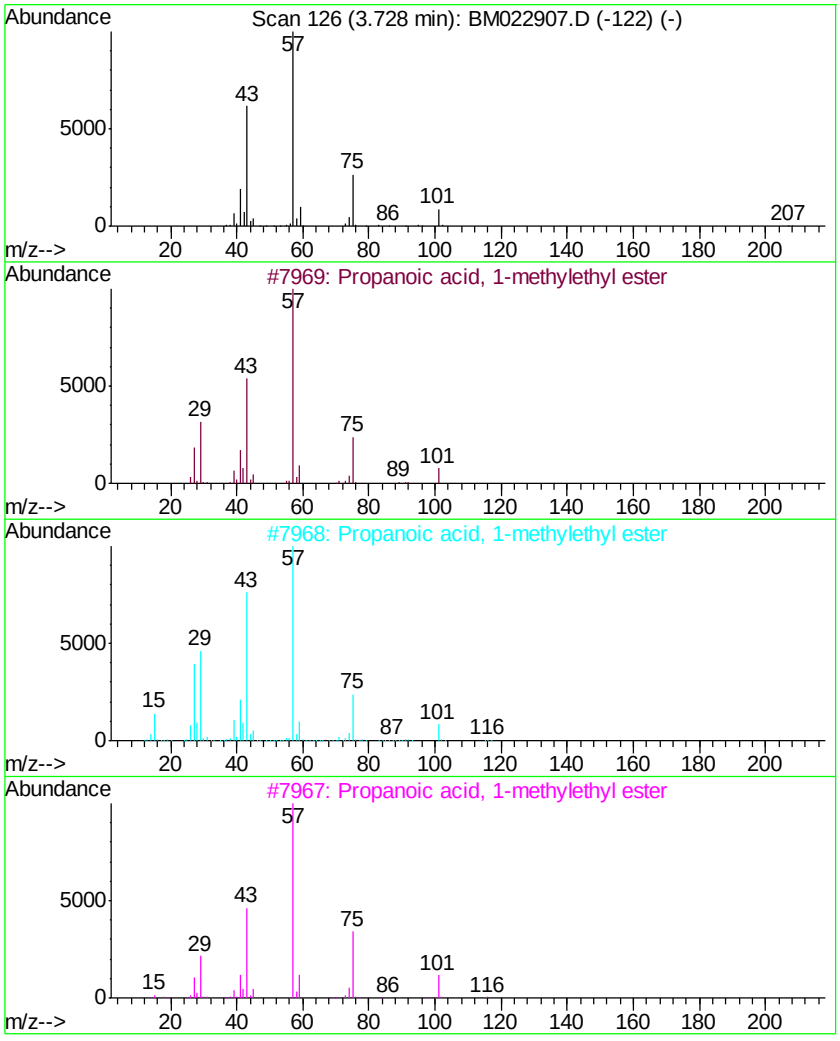
Quant Title : SVOA CALIBRATION

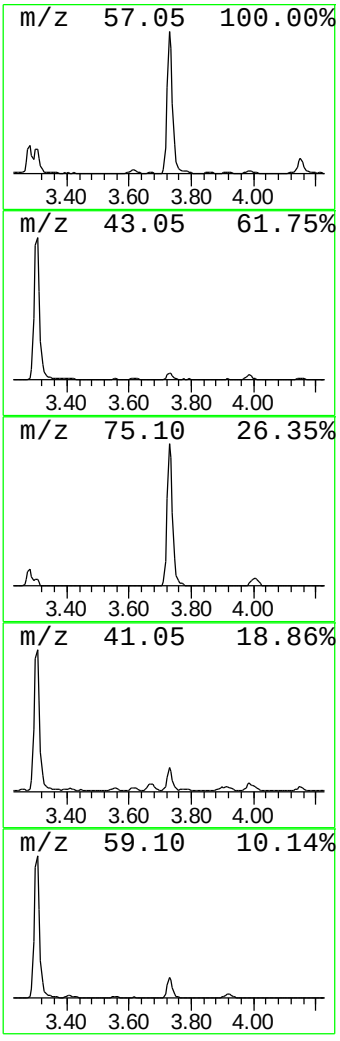
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.81 ng/ul	319772	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	83
2	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	59
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	45





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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

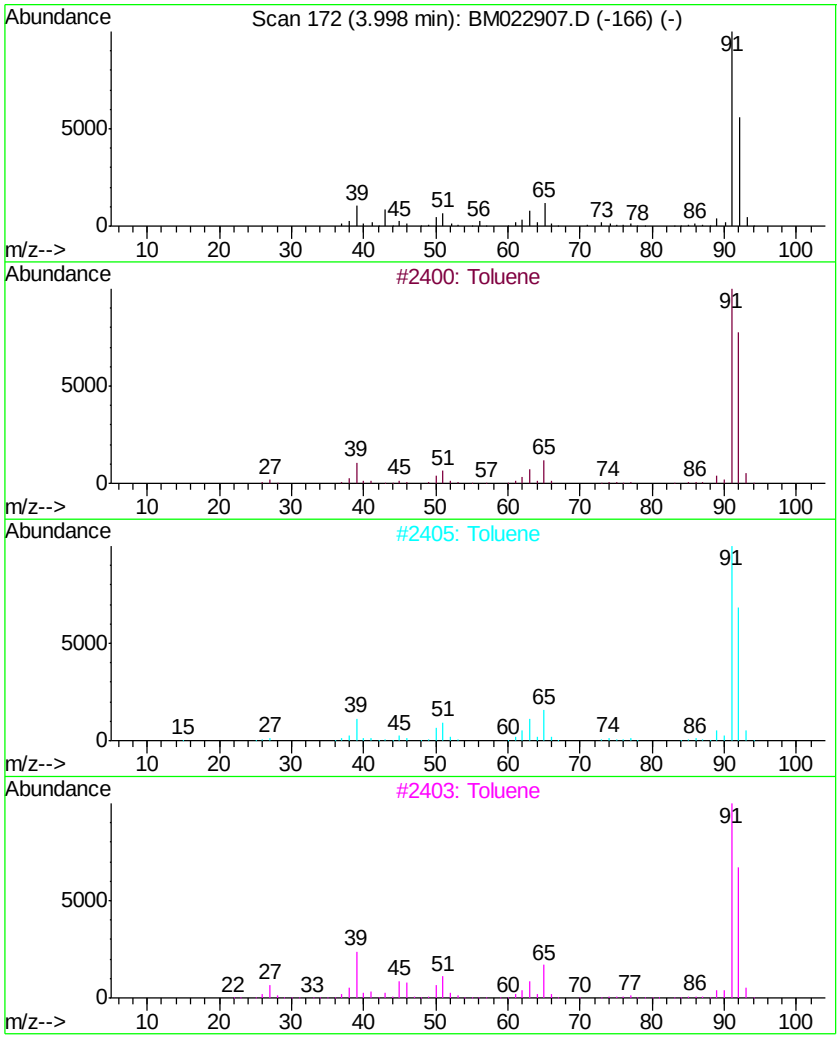
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

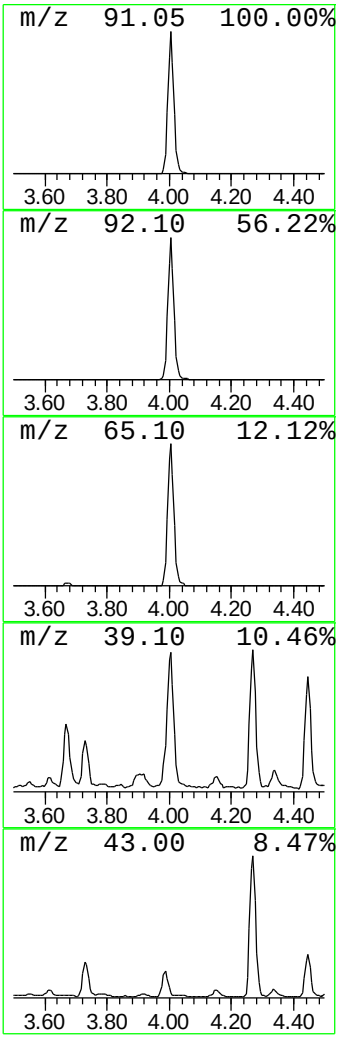
****

Peak Number 2 Toluene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	9.96 ng/ul	834848	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Toluene	92	C7H8	000108-88-3	95
2	Toluene	92	C7H8	000108-88-3	93
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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Quant Title : SVOA CALIBRATION

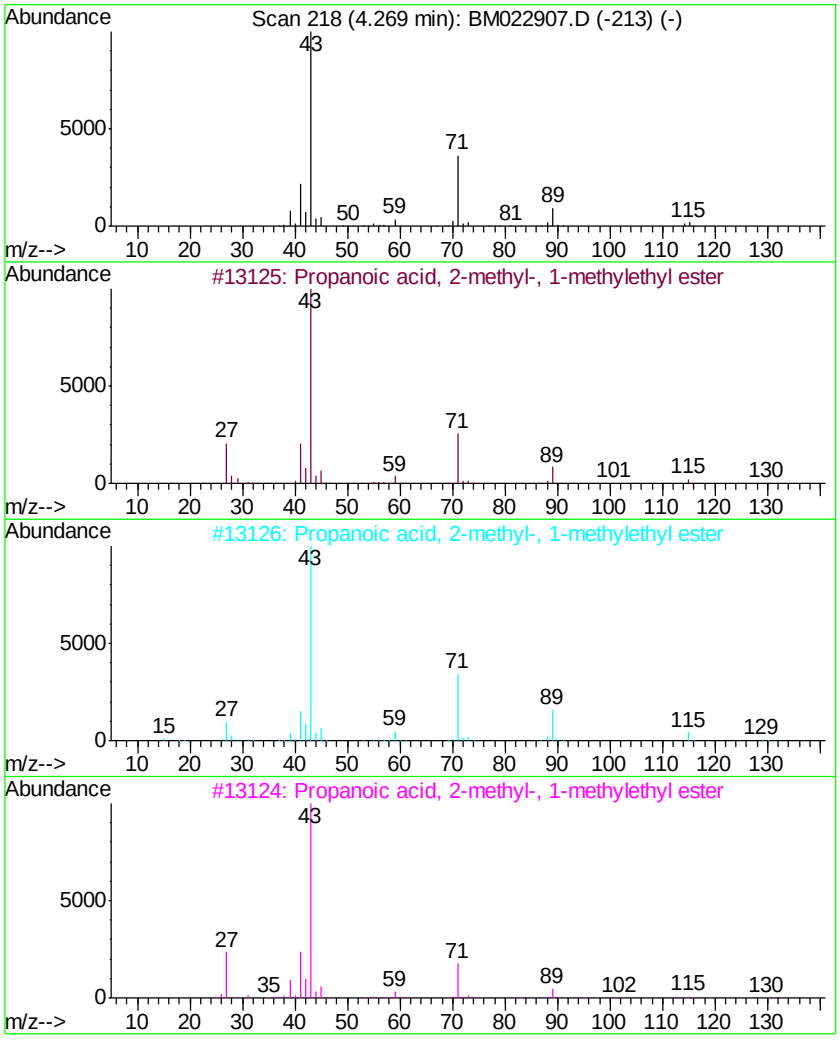
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

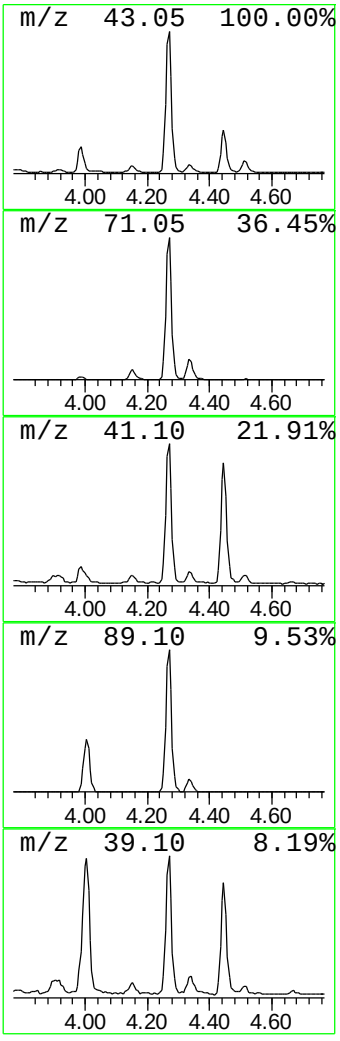
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	8.44 ng/ul	707709	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
2	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	64
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	39
5	3,3-Dimethyl-2-pentanone	114	C7H14O	020669-04-9	33





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Instrument : BNA_M
ClientSampleId : BFDH4

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Quant Title : SVOA CALIBRATION

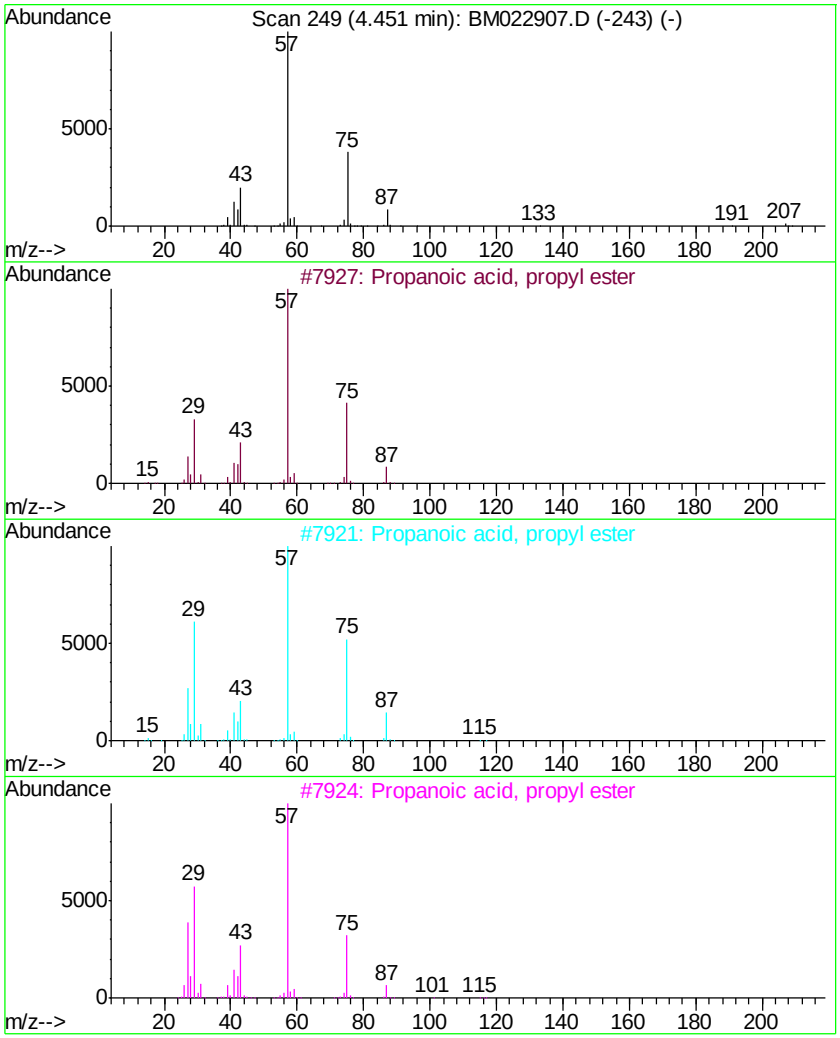
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

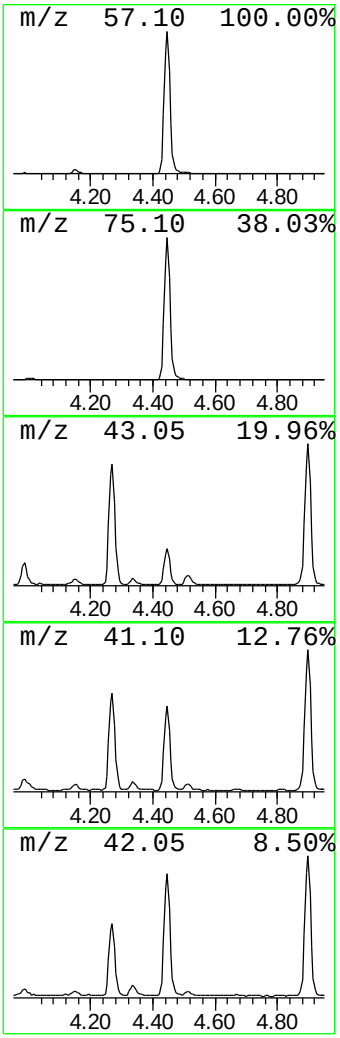
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	12.69 ng/ul	1064020	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
2	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	83
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	39





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ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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

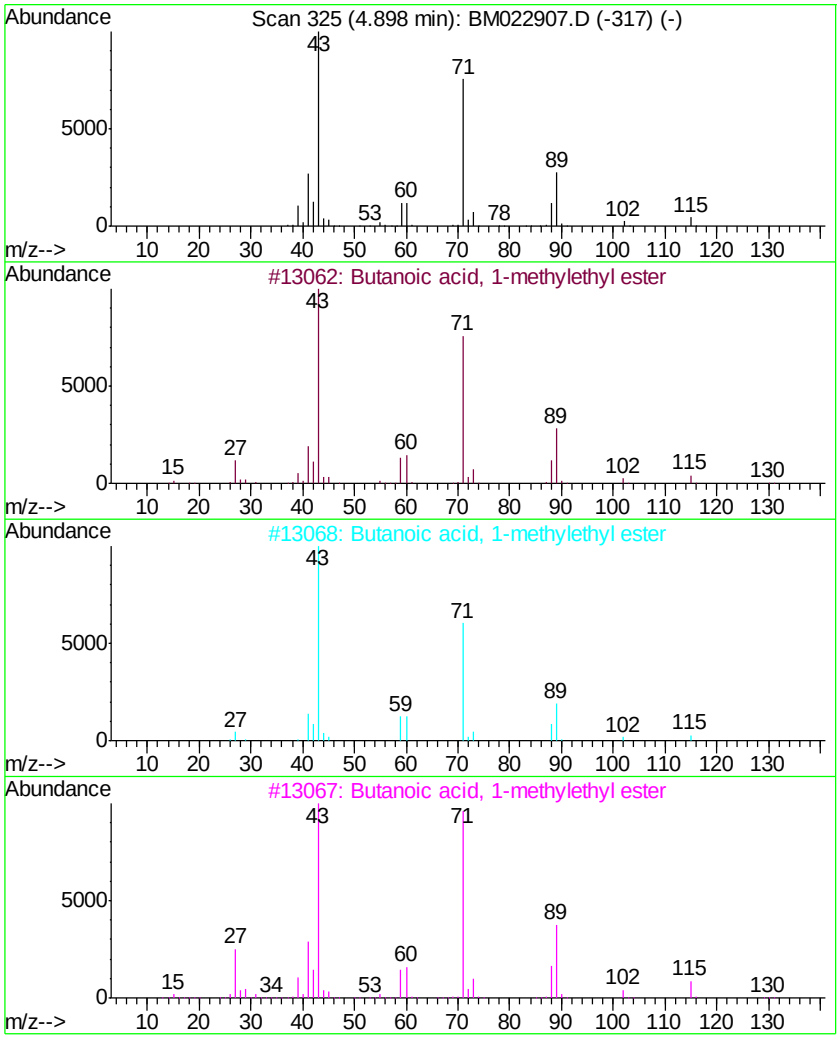
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

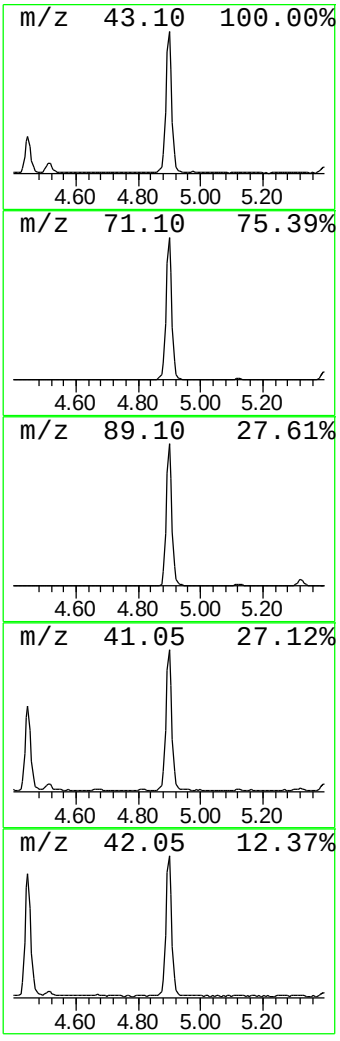
****

Peak Number 5 Butanoic acid, 1-methylethy... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	15.43 ng/ul	1293920	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
2	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	90
3	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	83
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





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Sample : K4895-19
Misc :
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Instrument : BNA_M
ClientSampleId : BFDH4

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Quant Title : SVOA CALIBRATION

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

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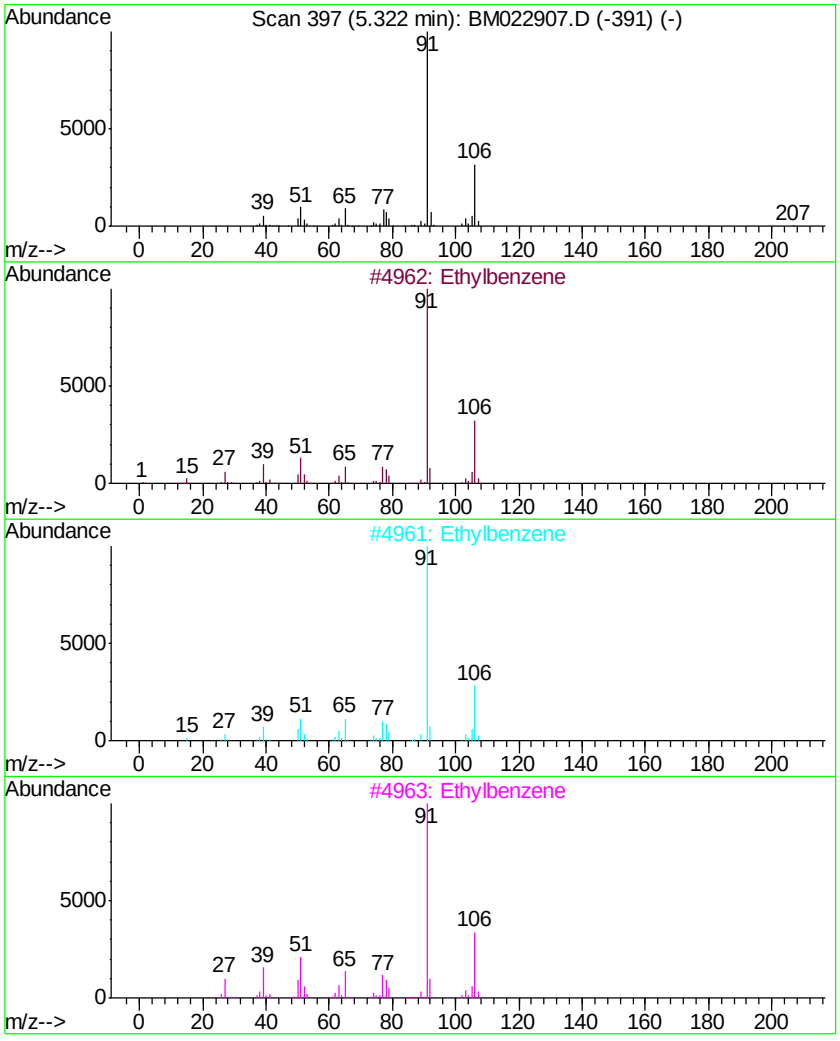
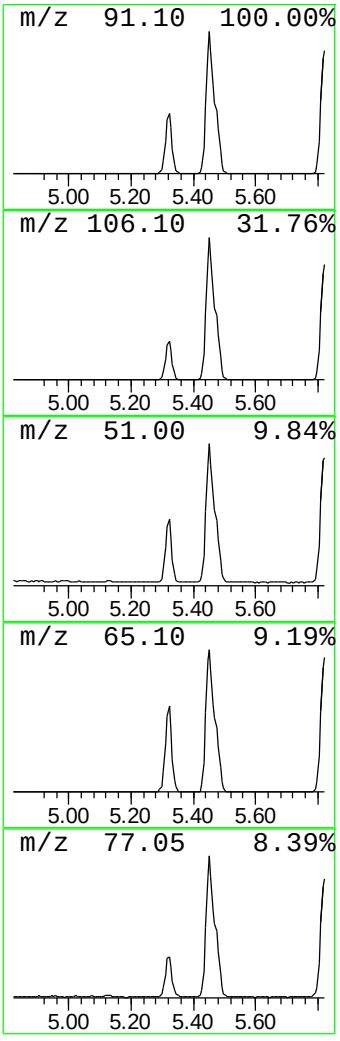
Peak Number 6 Ethylbenzene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	4.89 ng/ul	410329	1,4-Dichlorobenzene-d4	7.80

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	p-Xylene	106	C8H10	000106-42-3	78





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Quant Title : SVOA CALIBRATION

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

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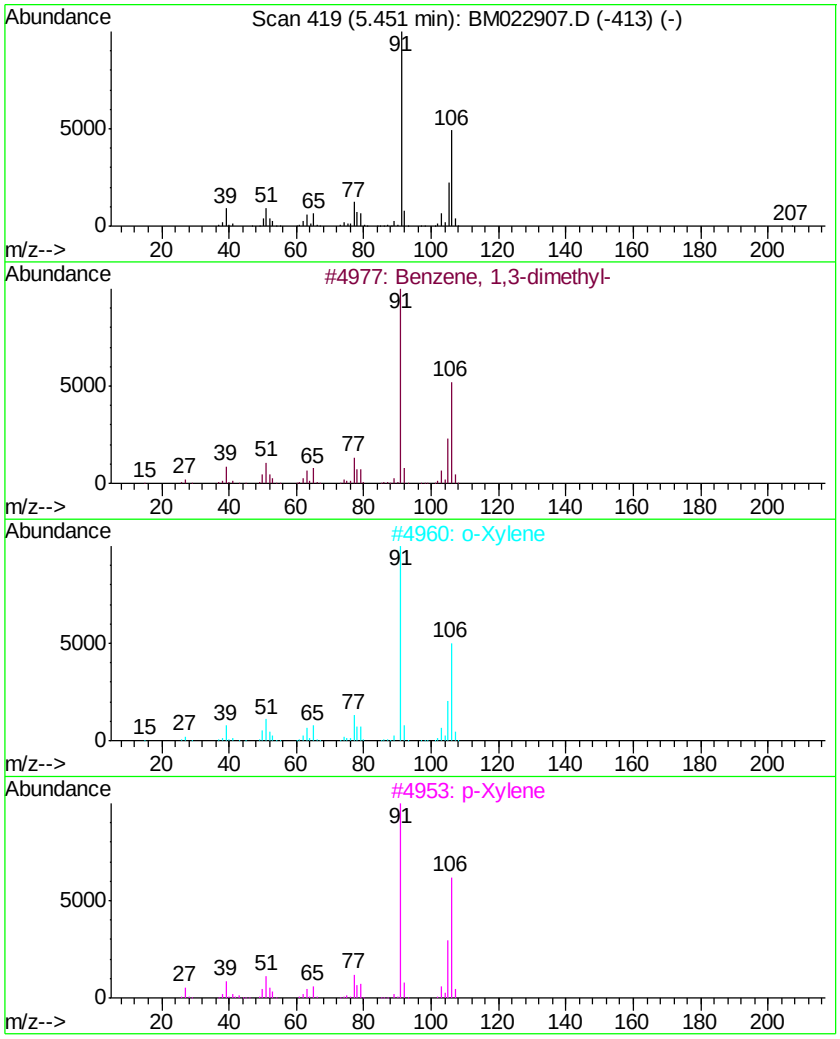
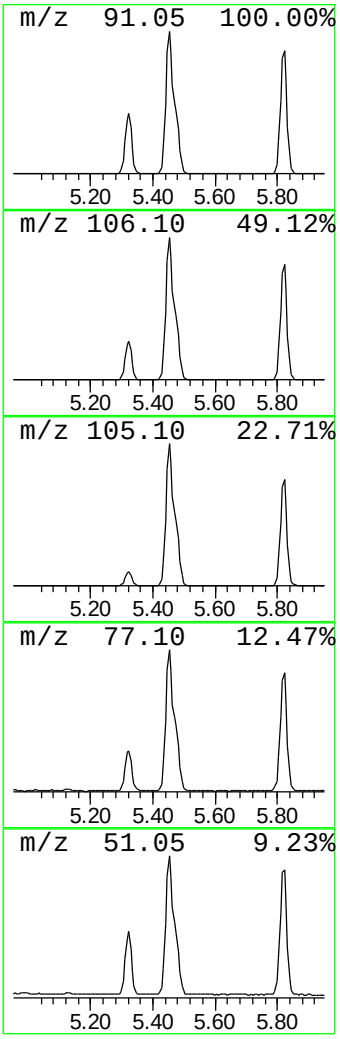
Peak Number 7 Benzene, 1,3-dimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	19.04 ng/ul	1596350	1,4-Dichlorobenzene-d4	7.80

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





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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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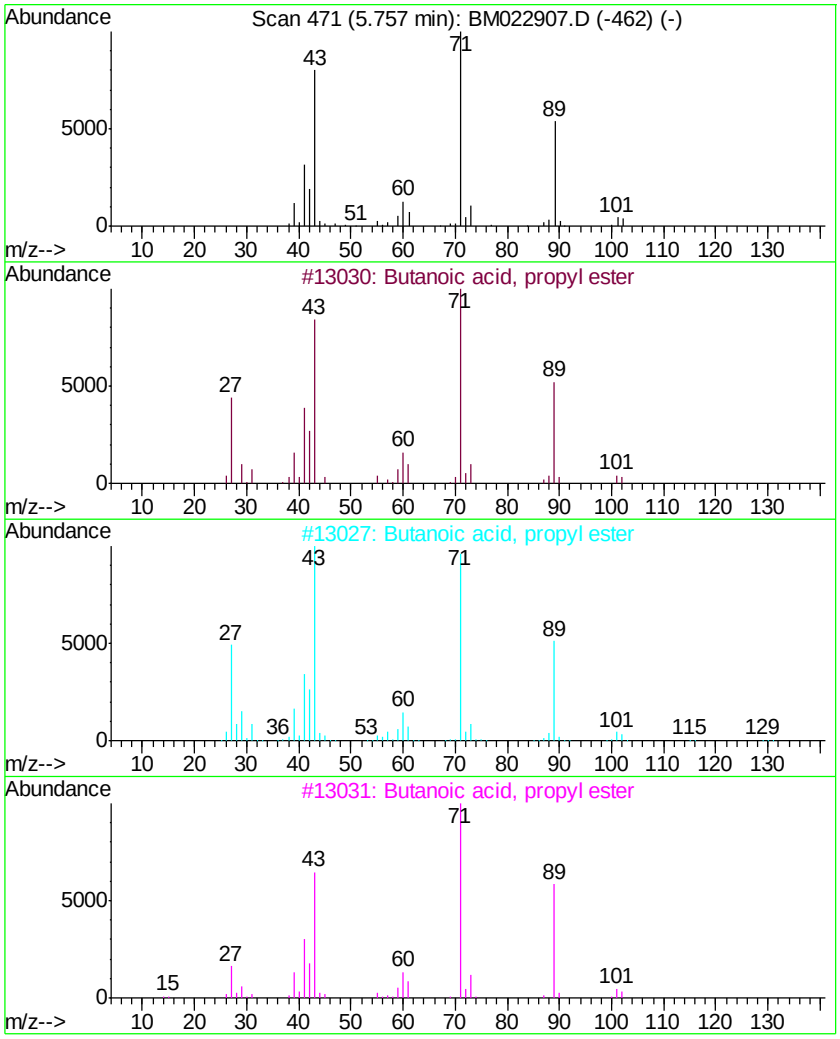
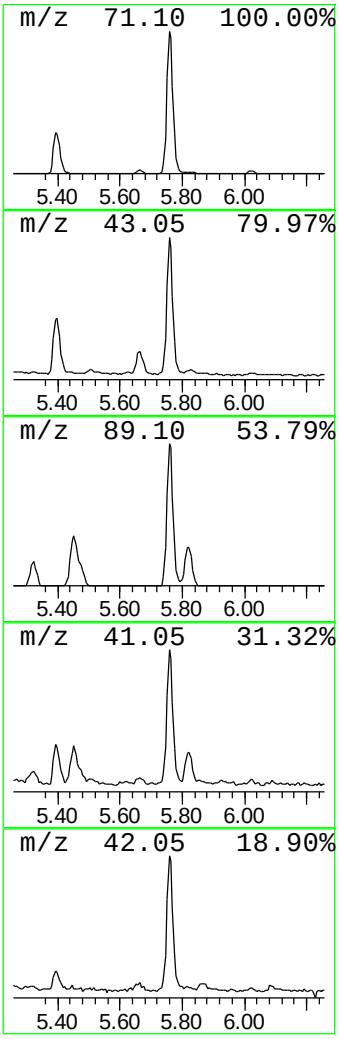
Peak Number 8 Butanoic acid, propyl ester Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.56 ng/ul	214458	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	91
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	72
5	Butanoic acid, hexyl ester	172	C10H20O2	002639-63-6	72





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Quant Title : SVOA CALIBRATION

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

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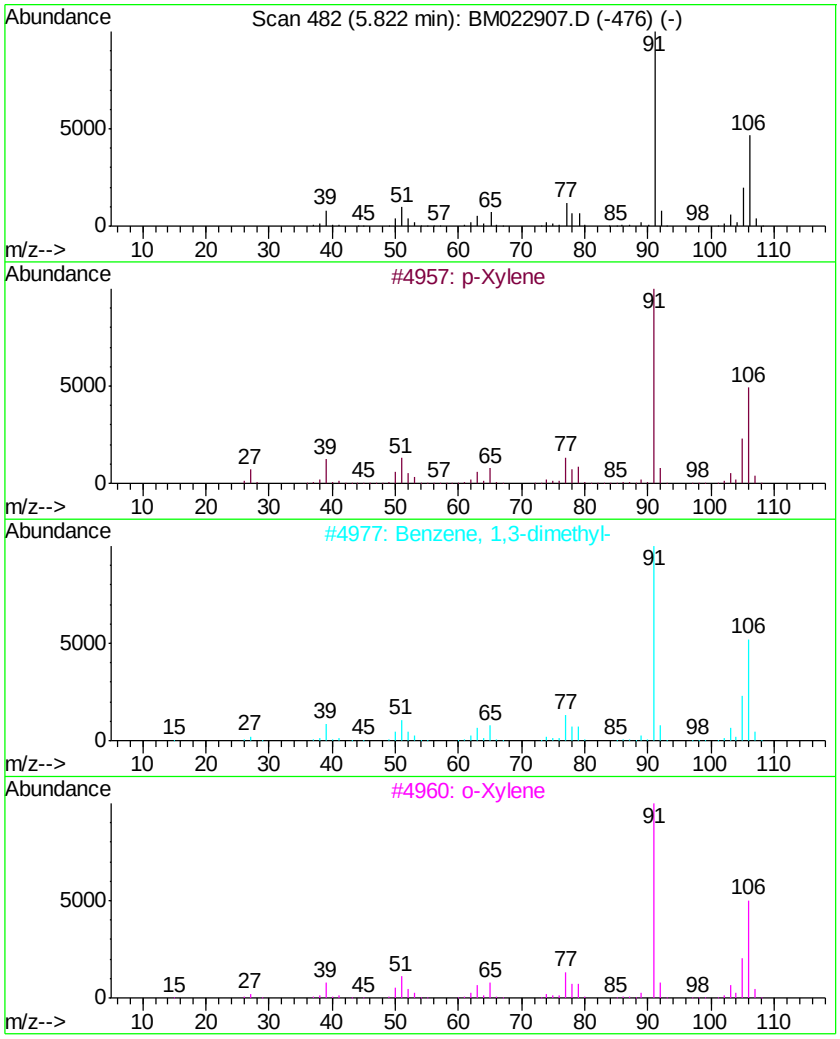
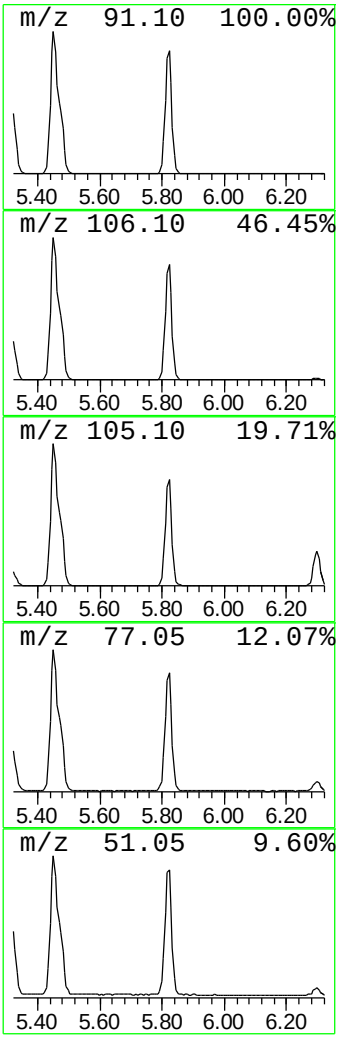
Peak Number 9 p-Xylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	12.17 ng/ul	1020820	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	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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Quant Title : SVOA CALIBRATION

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

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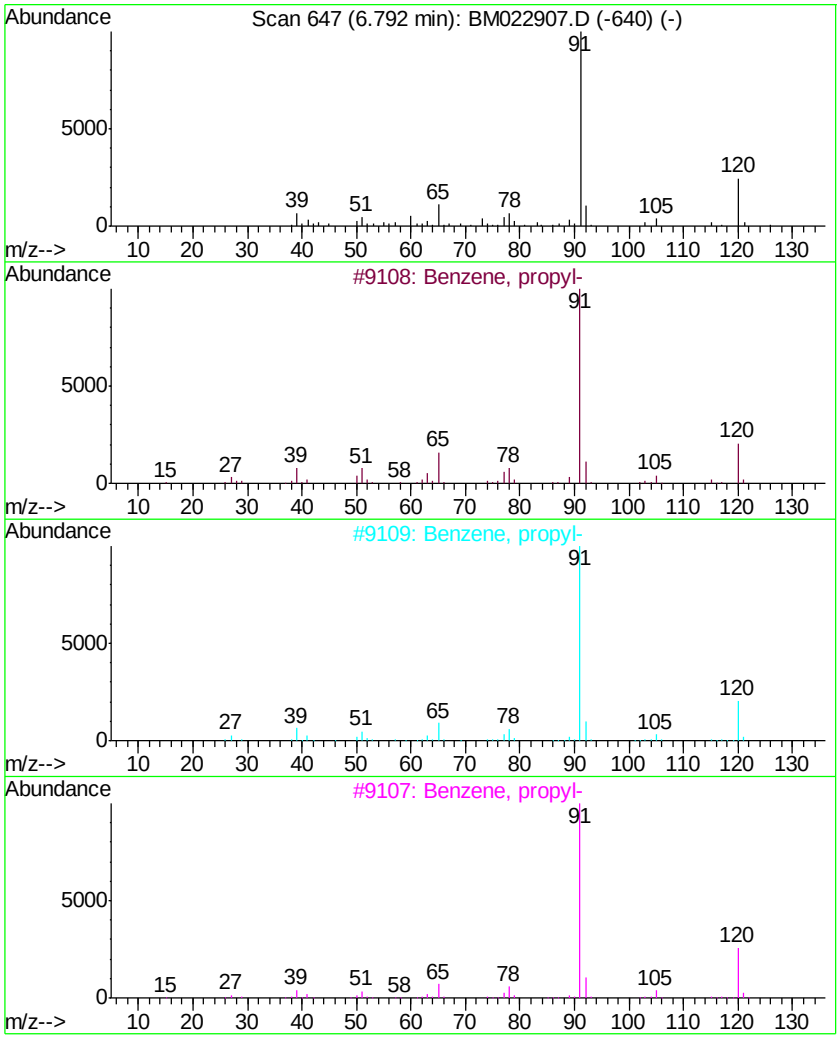
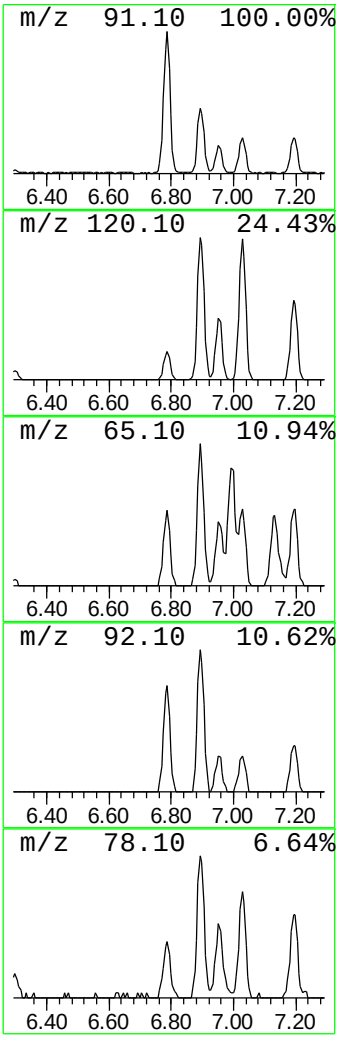
Peak Number 10 Benzene, propyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.49 ng/ul	208950	1,4-Dichlorobenzene-d4	7.80

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	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	74
5	1,2-Ethanediamine, N-(phenylmeth...	150	C9H14N2	004152-09-4	72





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Quant Title : SVOA CALIBRATION

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

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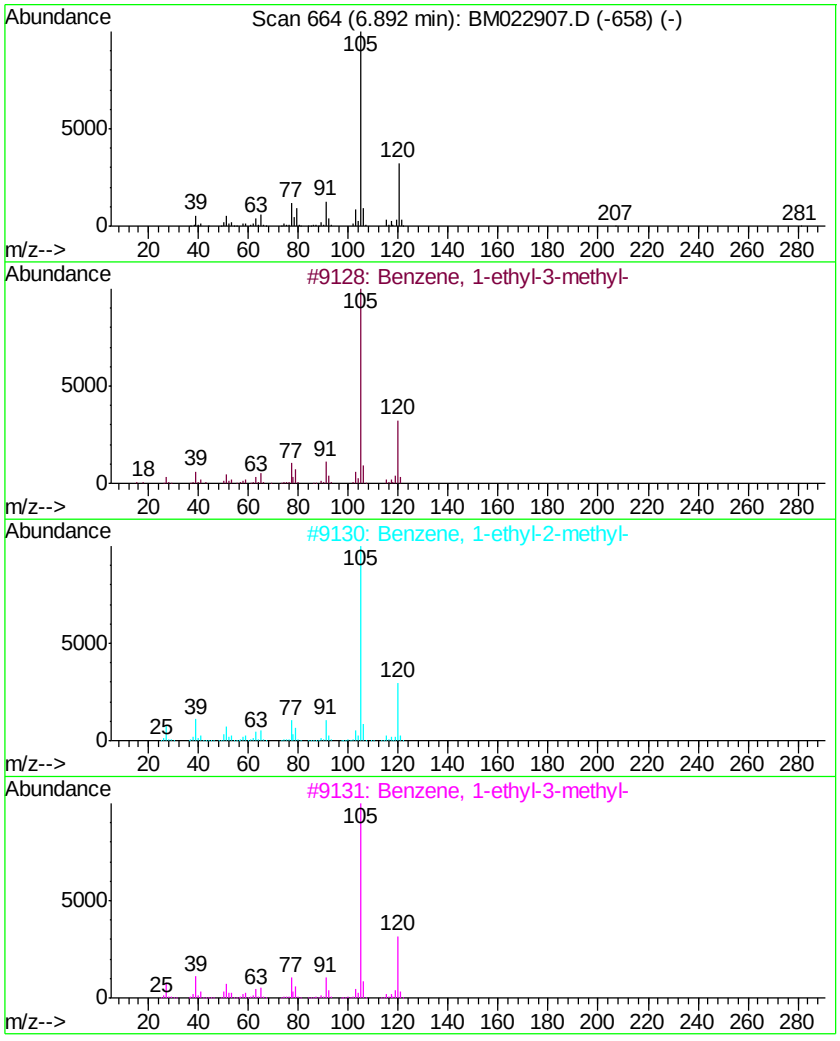
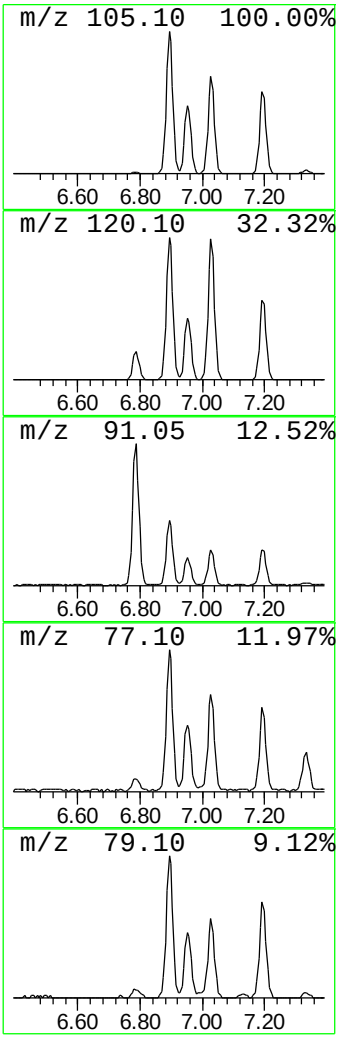
Peak Number 11 Benzene, 1-ethyl-3-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.89	9.24 ng/ul	774992	1,4-Dichlorobenzene-d4	7.80

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





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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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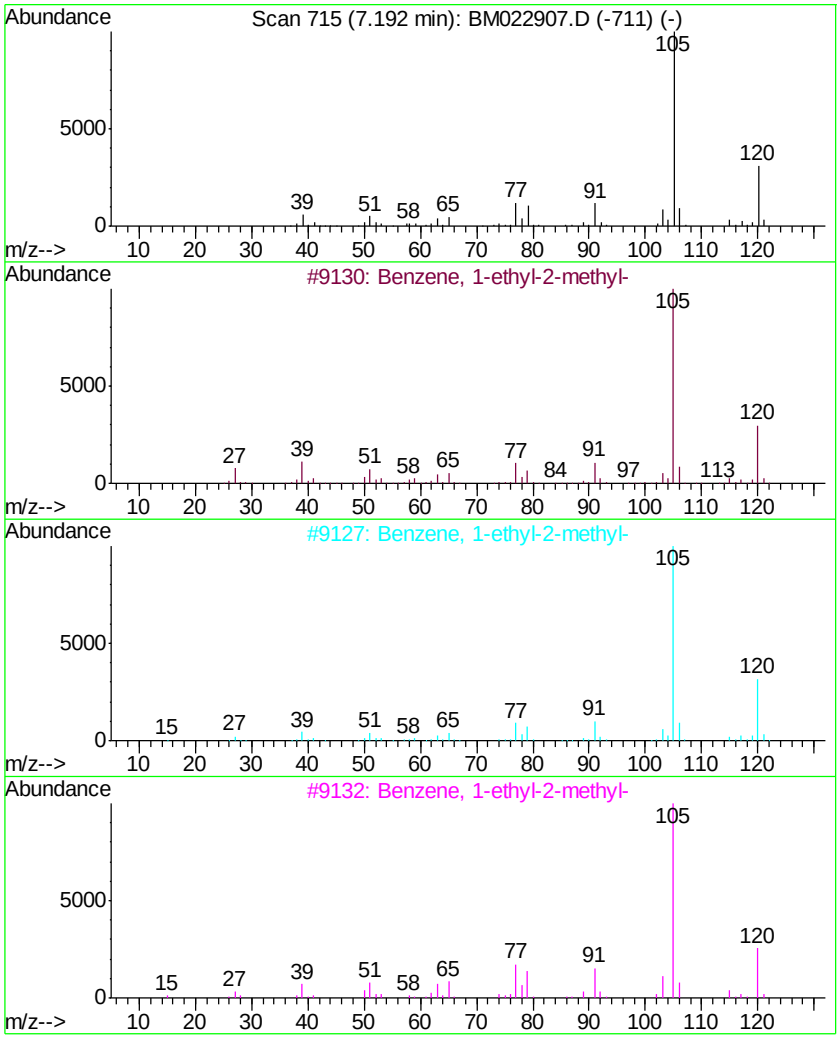
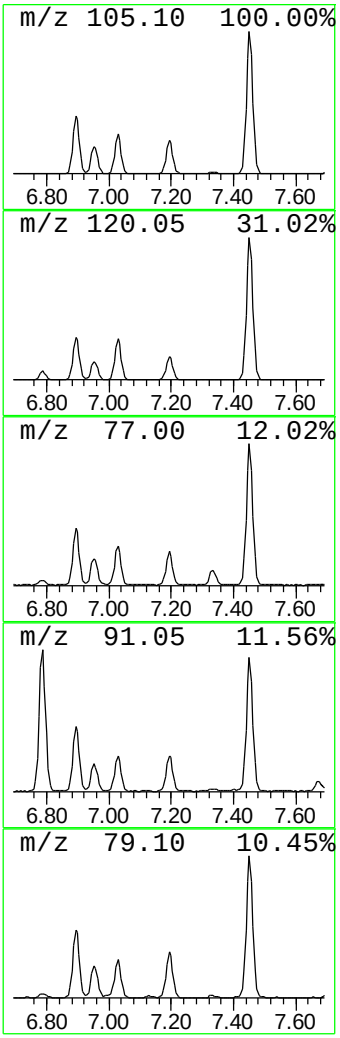
Peak Number 12 Benzene, 1-ethyl-2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.19	5.50 ng/ul	461511	1,4-Dichlorobenzene-d4	7.80

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-2-methyl-	120	C9H12	000611-14-3	93
4	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	93
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





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Quant Title : SVOA CALIBRATION

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

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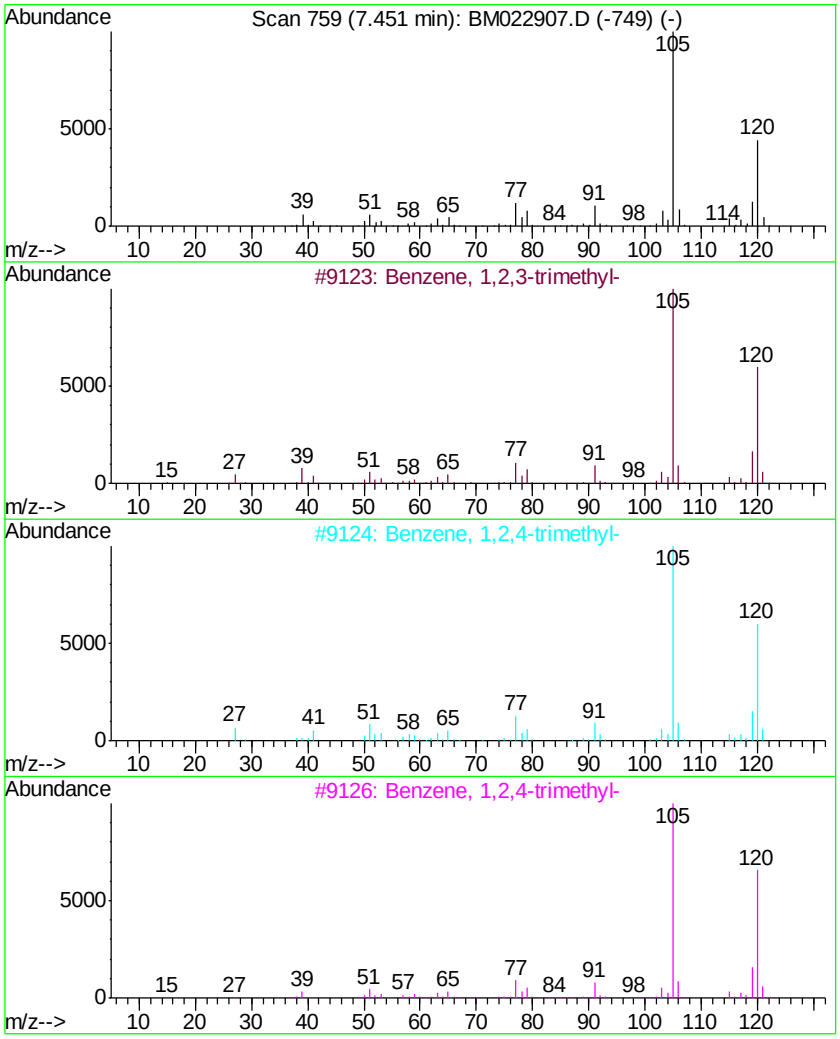
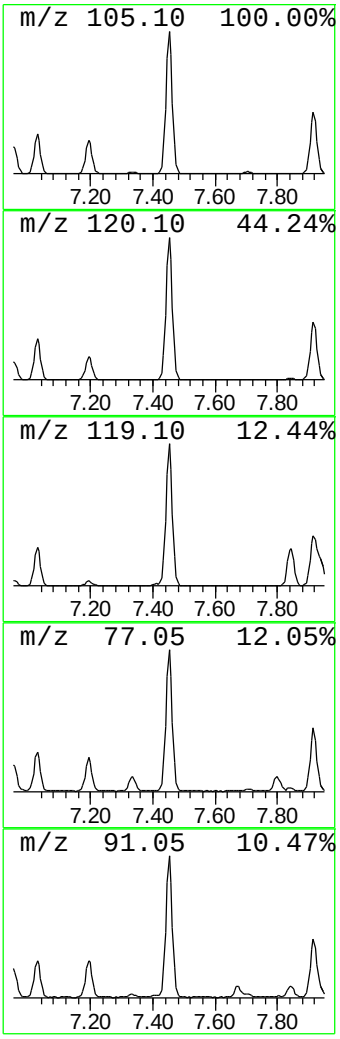
Peak Number 13 Benzene, 1,2,3-trimethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.45	24.33 ng/ul	2040100	1,4-Dichlorobenzene-d4	7.80

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	94
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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Quant Title : SVOA CALIBRATION

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

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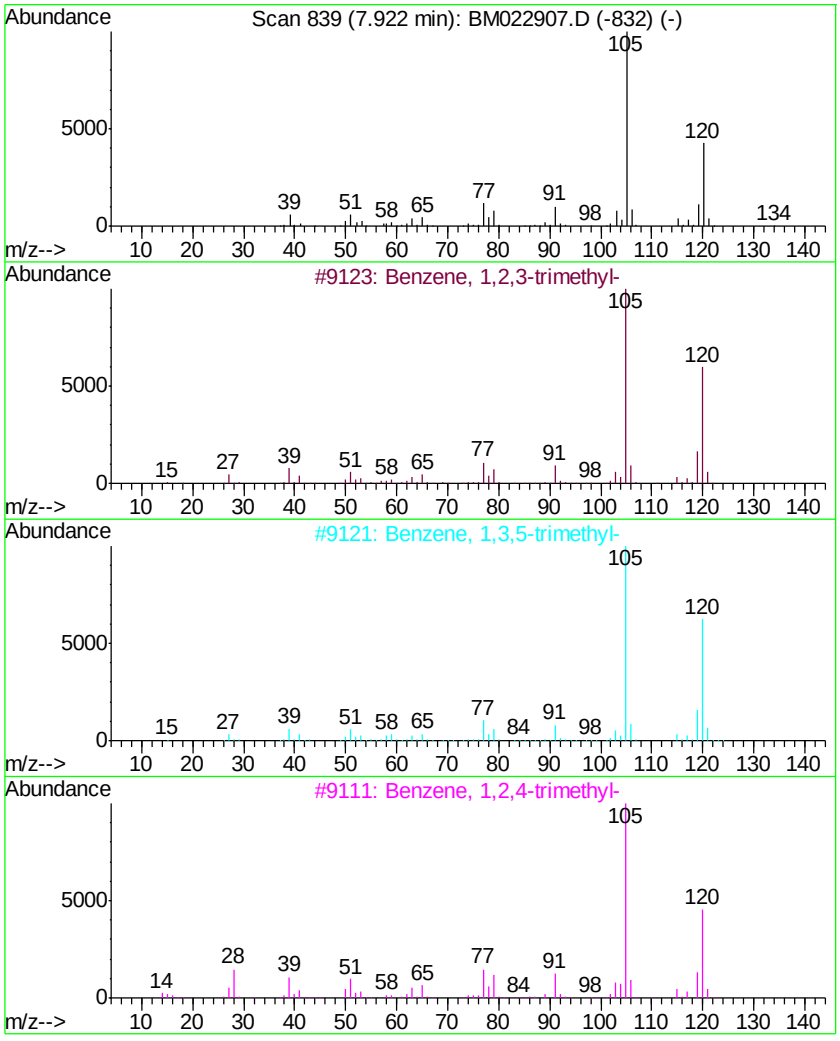
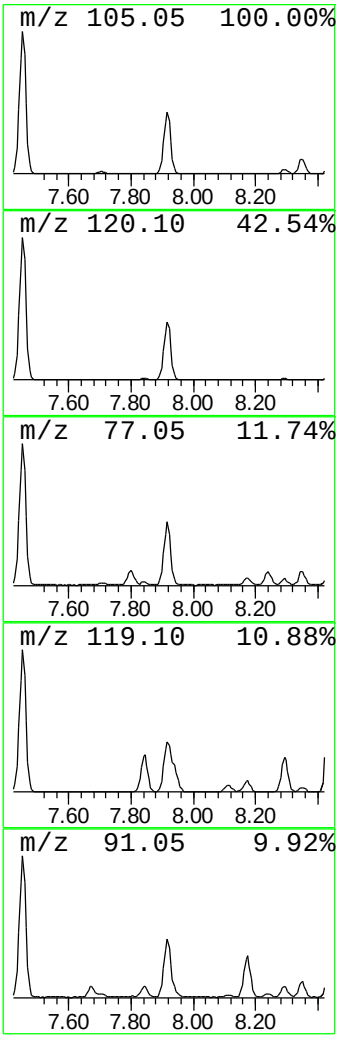
Peak Number 14 Benzene, 1,3,5-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	11.34 ng/ul	950643	1,4-Dichlorobenzene-d4	7.80

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





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Quant Title : SVOA CALIBRATION

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

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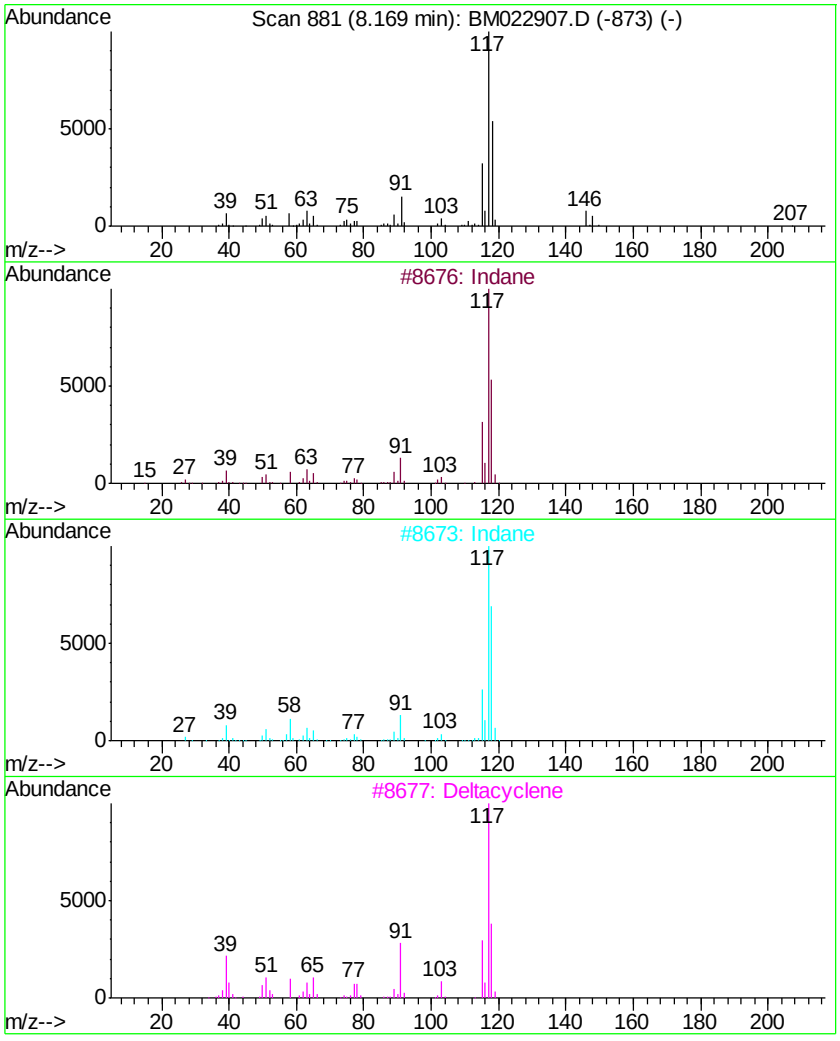
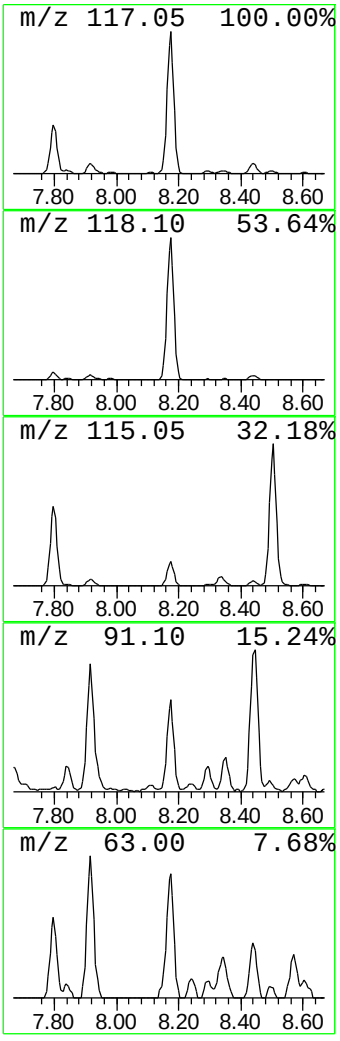
Peak Number 15 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.65 ng/ul	641771	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	93
2	Indane	118	C9H10	000496-11-7	80
3	Deltacyclene	118	C9H10	007785-10-6	72
4	Indane	118	C9H10	000496-11-7	60
5	Benzene, (2-bromocyclopropyl)-	196	C9H9Br	036617-02-4	53





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Quant Title : SVOA CALIBRATION

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

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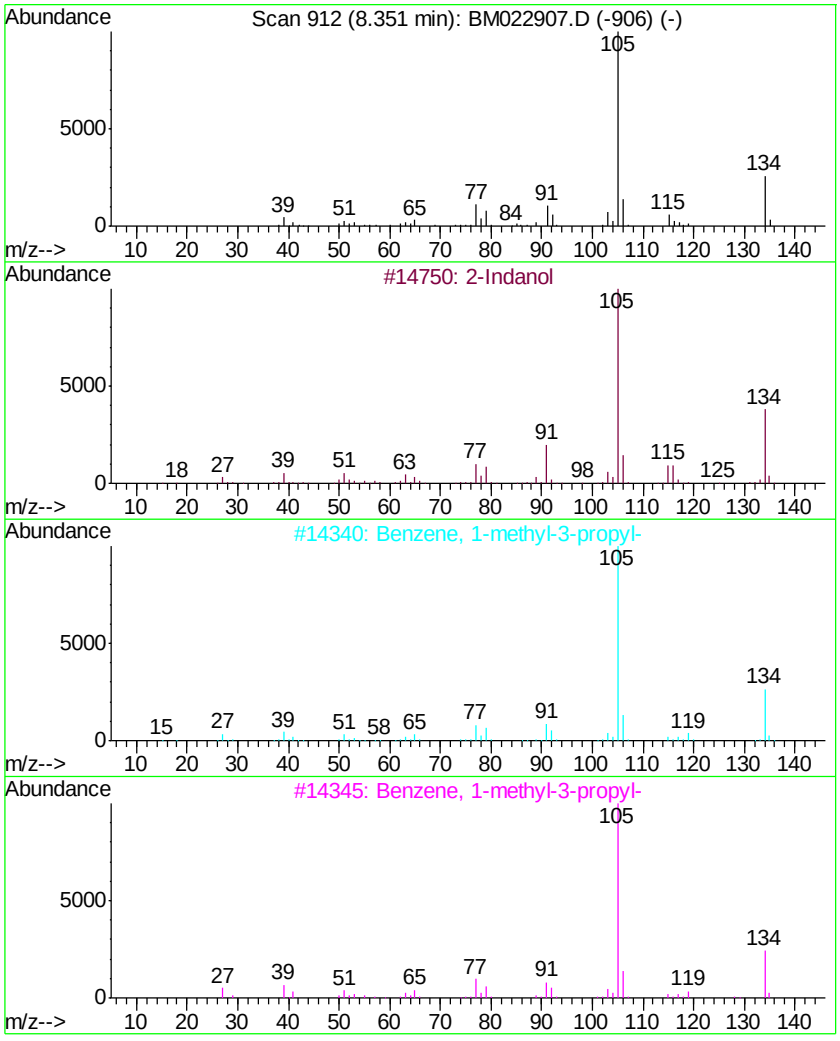
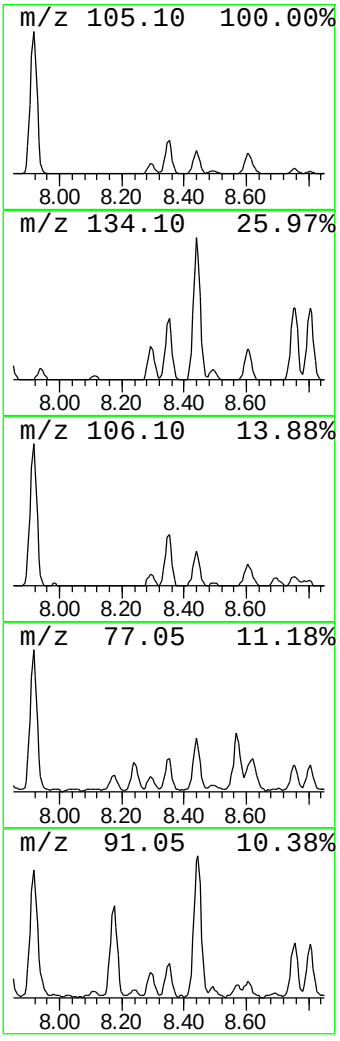
Peak Number 16 2-Indanol Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.35	2.78 ng/ul	233119	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Indanol	134	C9H10O	004254-29-9	83
2	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	81
4	Benzene, 1-methyl-4-propyl-	134	C10H14	001074-55-1	76
5	Benzene, 1-methyl-2-propyl-	134	C10H14	001074-17-5	72





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Quant Title : SVOA CALIBRATION

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

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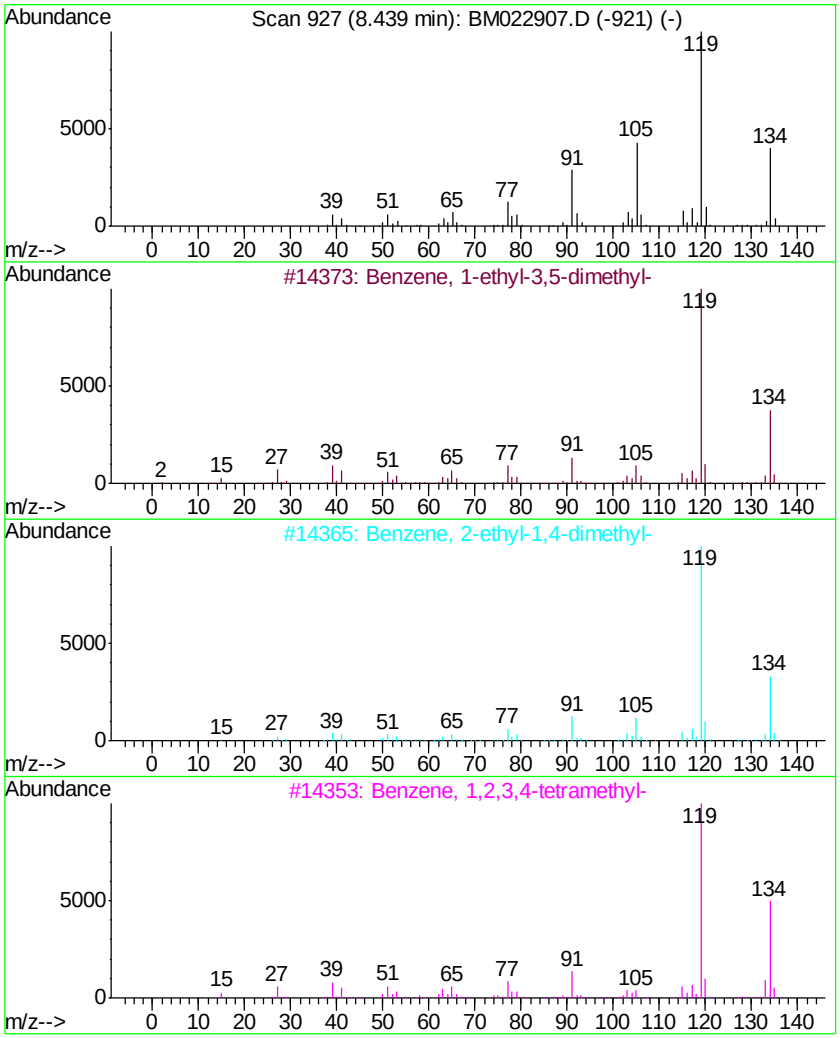
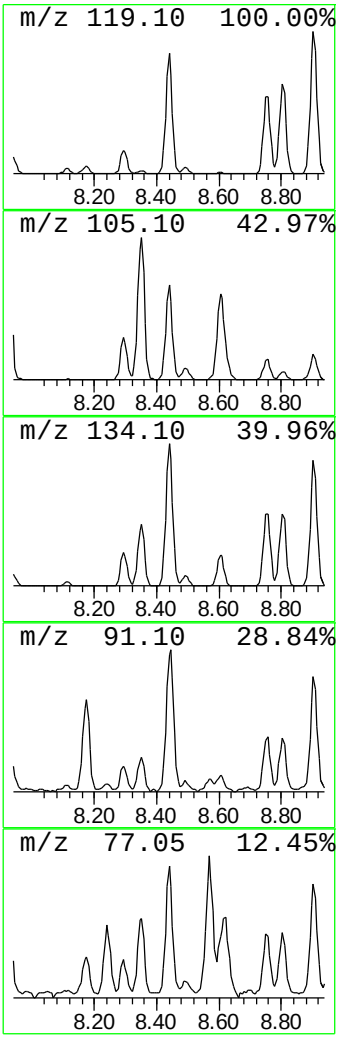
Peak Number 17 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	5.11 ng/ul	428415	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	96
2	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	94
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	94
4	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	94
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	91





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Acq On : 02 Oct 2019 23:50
Operator : JU
Sample : K4895-19
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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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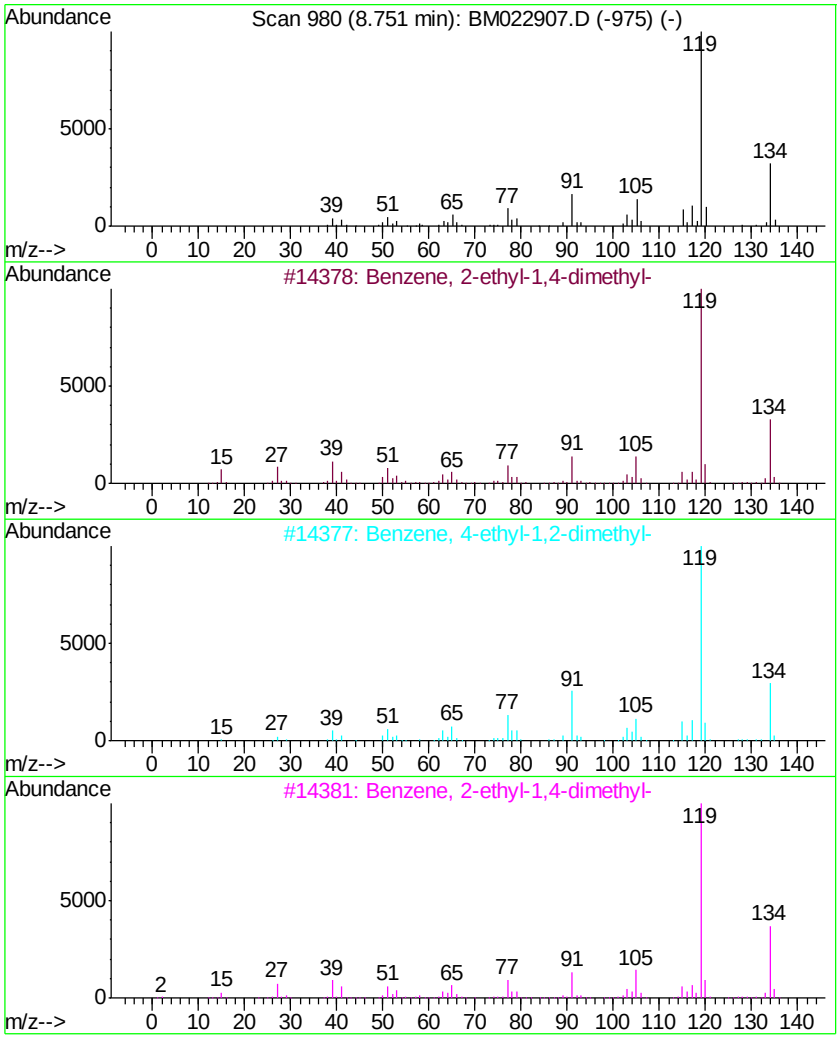
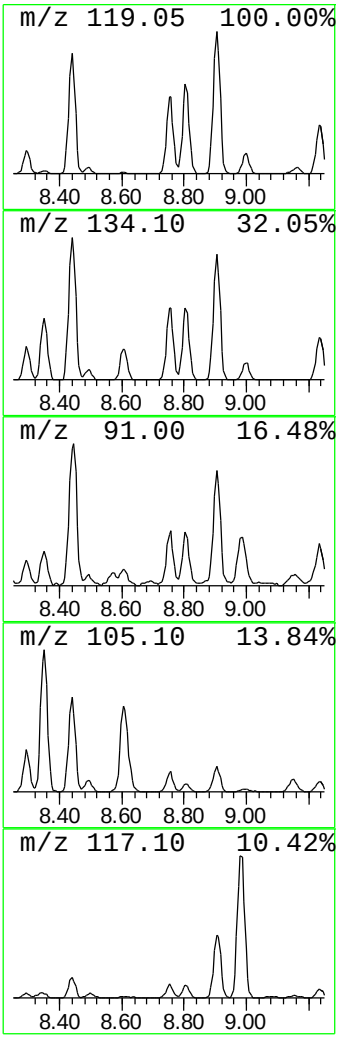
Peak Number 18 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.75	2.62 ng/ul	219289	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	97
2	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	96
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	95
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	95





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Instrument : BNA_M
ClientSampleId : BFDH4

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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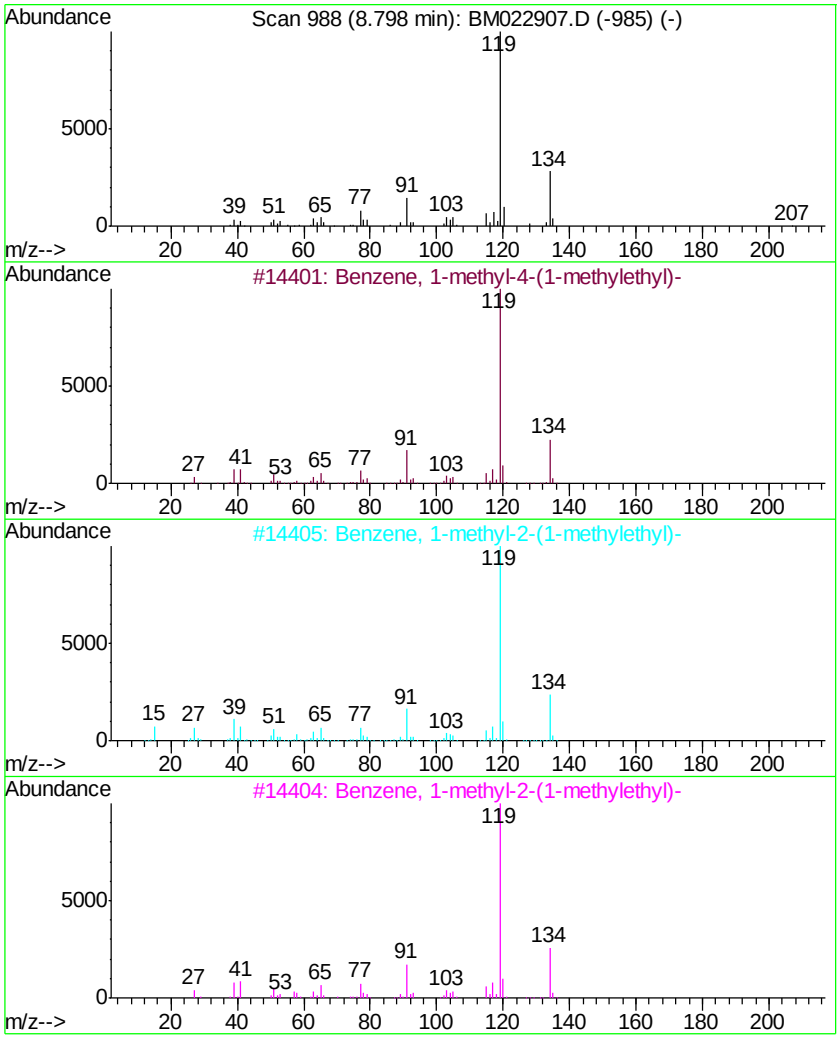
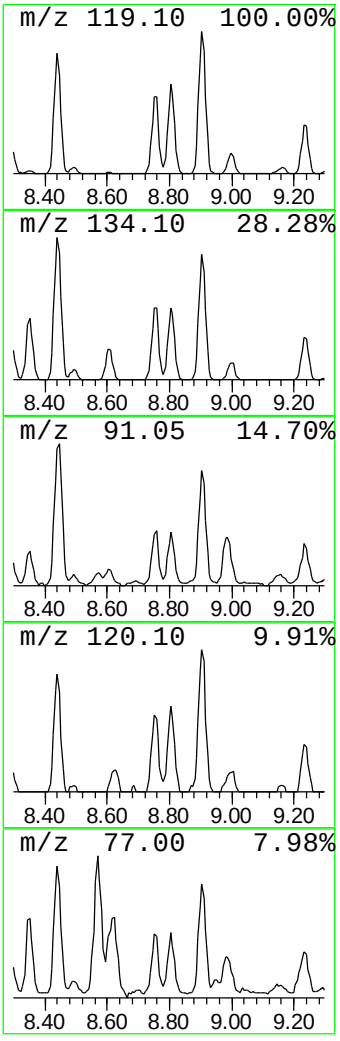
Peak Number 19 Benzene, 1-methyl-4-(1-meth... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.80	2.64 ng/ul	221526	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyleth...	134	C10H14	000099-87-6	97
2	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
3	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	97
4	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95
5	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	95





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ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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Quant Title : SVOA CALIBRATION

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

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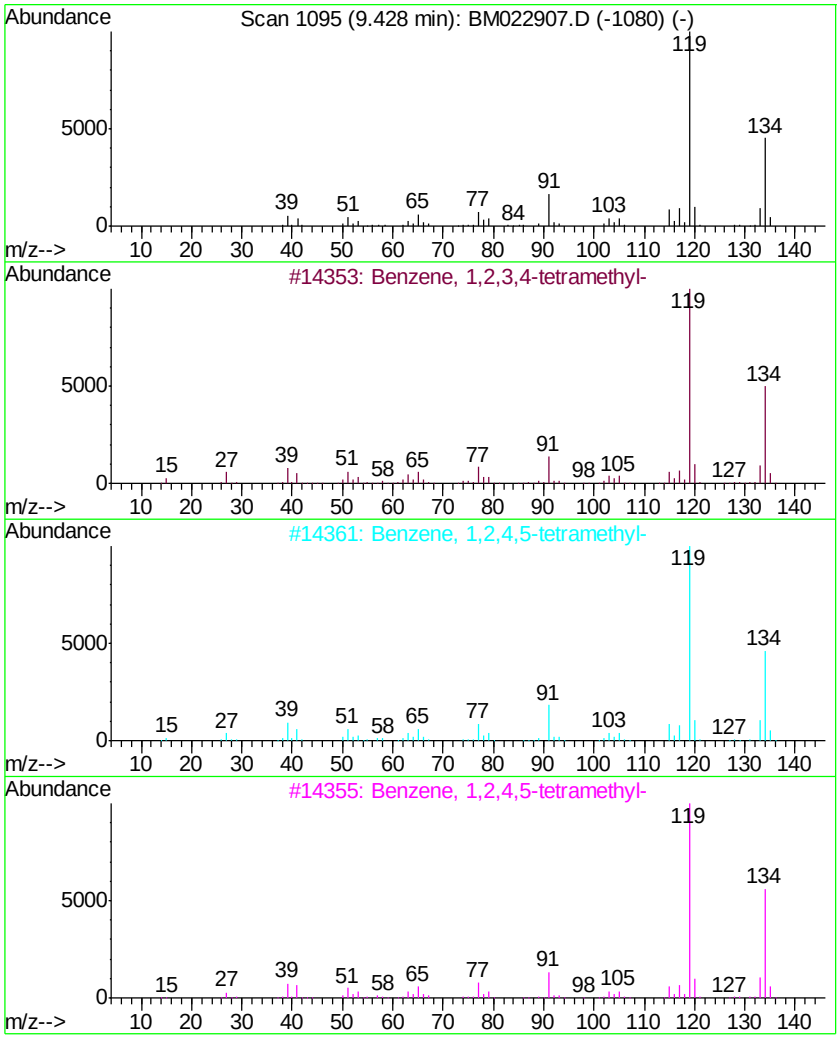
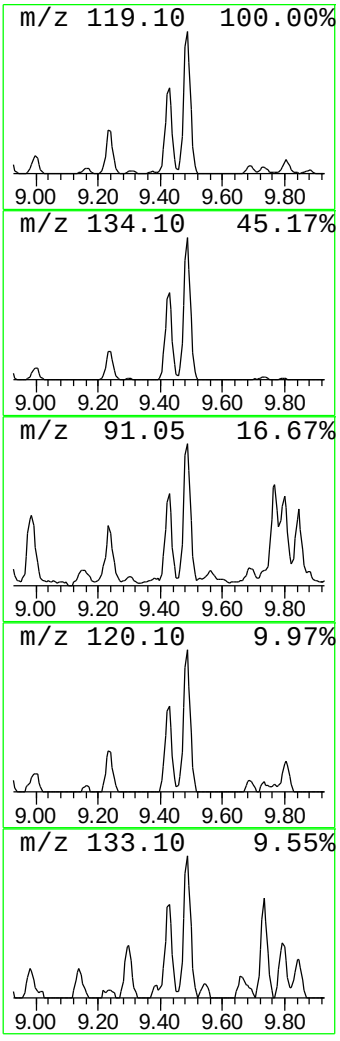
Peak Number 20 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.43	2.39 ng/ul	333217	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	96
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,3,5-tetramethyl-	134	C10H14	000527-53-7	94





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Acq On : 02 Oct 2019 23:50
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Sample : K4895-19
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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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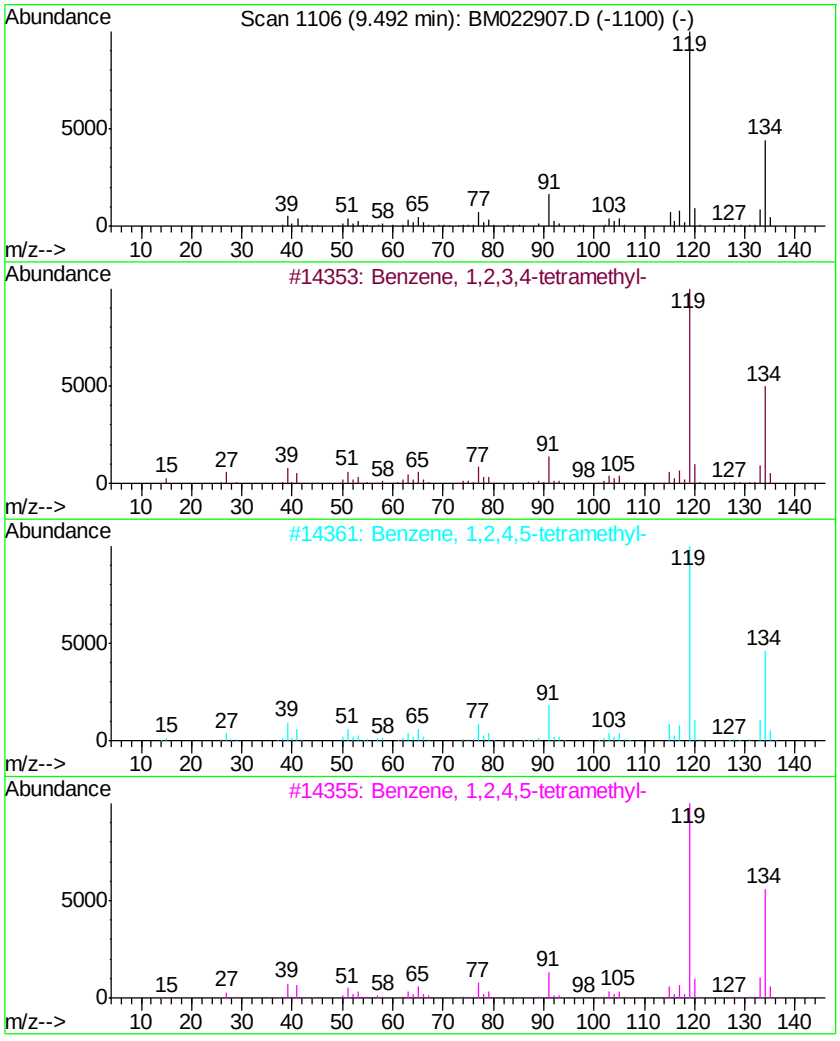
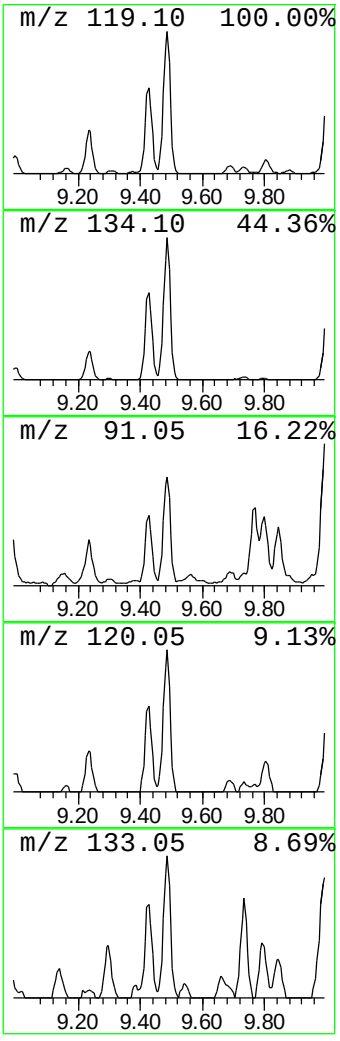
Peak Number 21 Benzene, 1,2,4,5-tetramethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	3.15 ng/ul	438450	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, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	97
4	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	95
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	95





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ClientSampleId : BFDH4

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Quant Title : SVOA CALIBRATION

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

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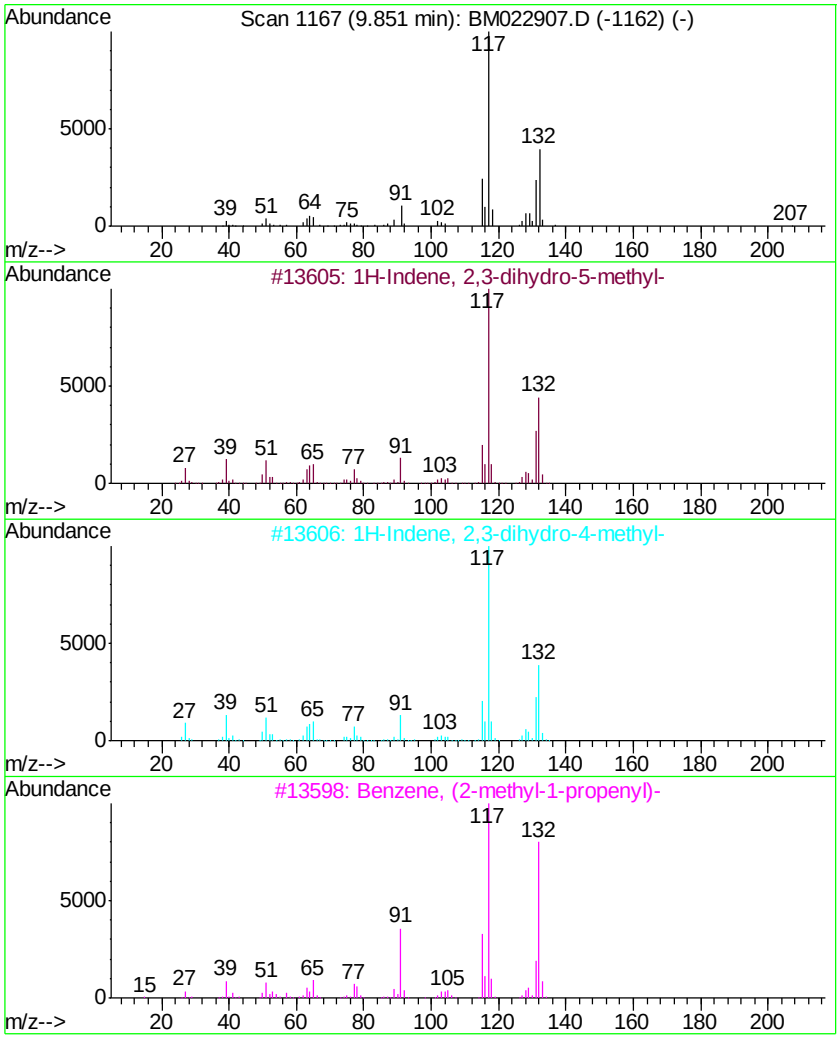
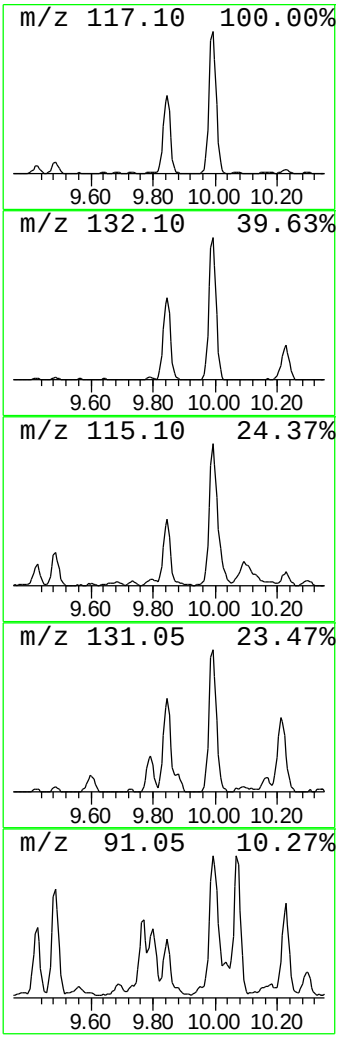
Peak Number 22 1H-Indene, 2,3-dihydro-5-me... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.17 ng/ul	302950	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	91
2	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	90
3	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	83
5	Indan, 1-methyl-	132	C10H12	000767-58-8	83





Library Search Compound Report

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ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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Quant Title : SVOA CALIBRATION

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

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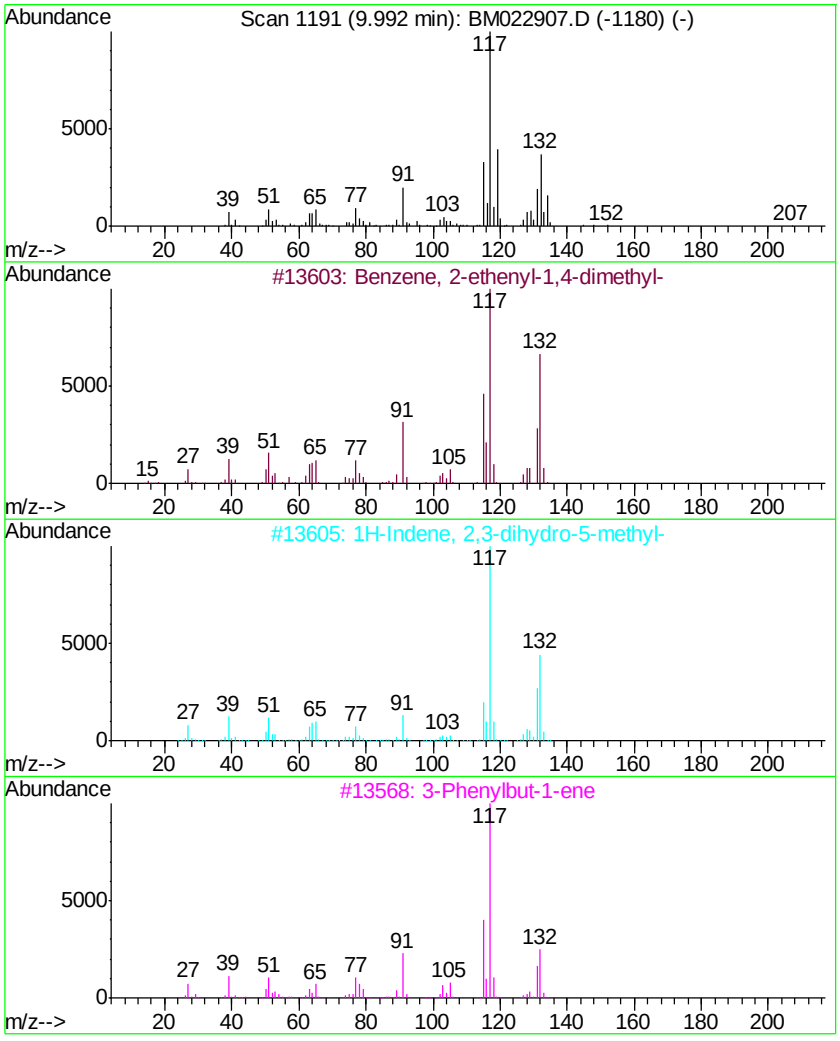
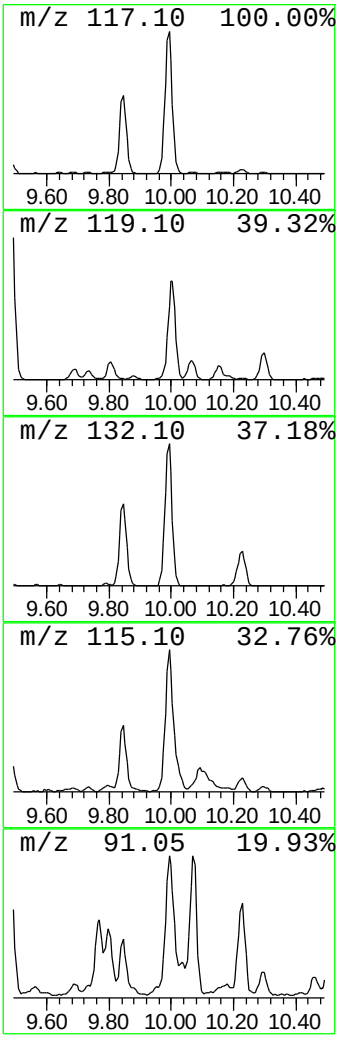
Peak Number 23 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.99	9.05 ng/ul	1261960	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	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	92
3	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
4	1H-Indene, 2,3-dihydro-4-methyl-	132	C10H12	000824-22-6	70
5	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	70





Library Search Compound Report

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Operator : JU
Sample : K4895-19
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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Quant Title : SVOA CALIBRATION

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

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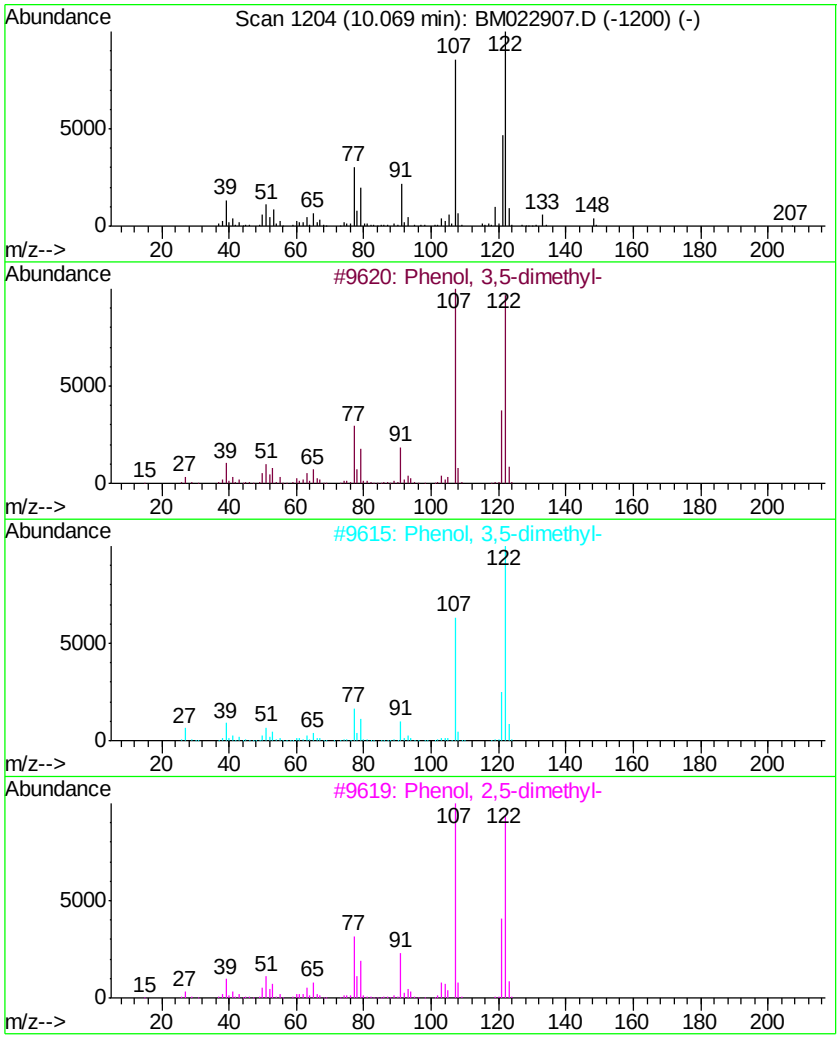
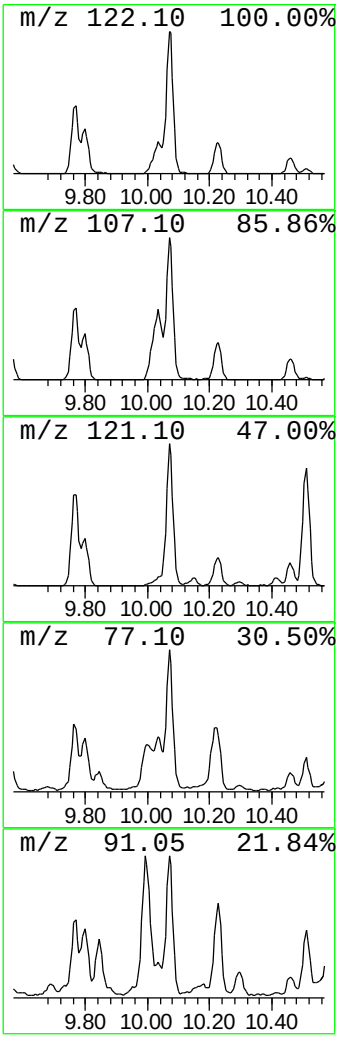
Peak Number 24 Phenol, 3,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	5.48 ng/ul	764090	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	95
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	90
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90





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Instrument : BNA_M
ClientSampleId : BFDH4

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Quant Title : SVOA CALIBRATION

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

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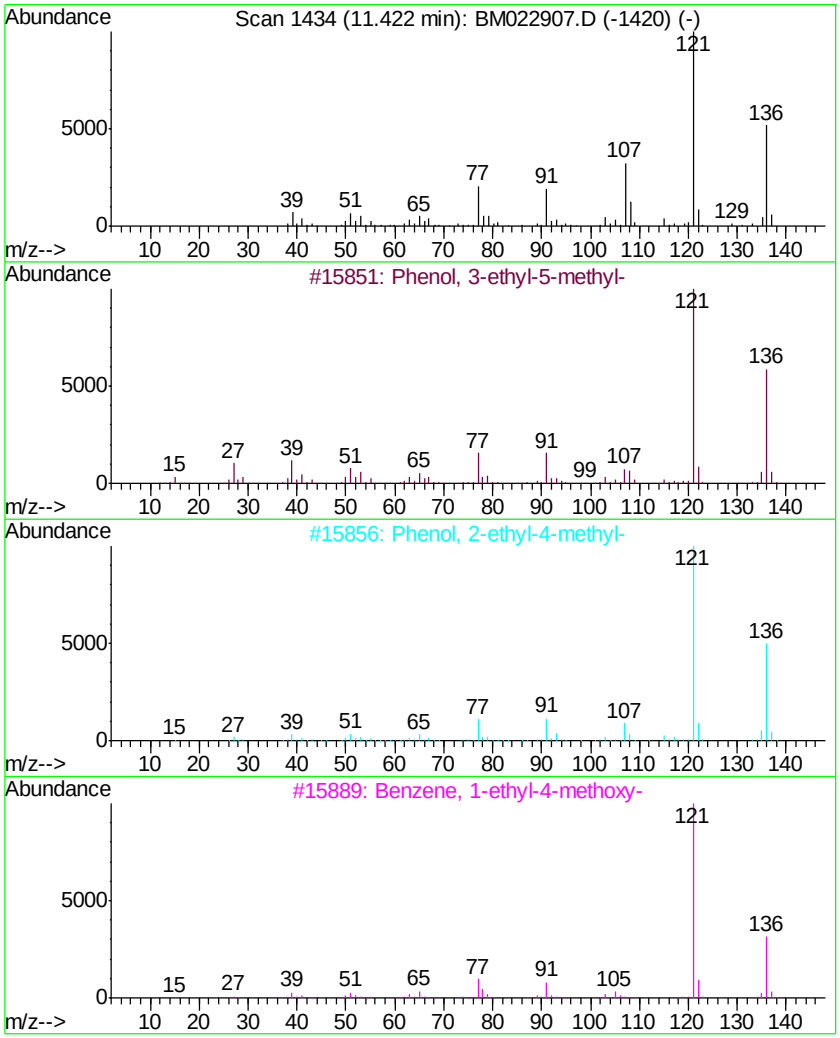
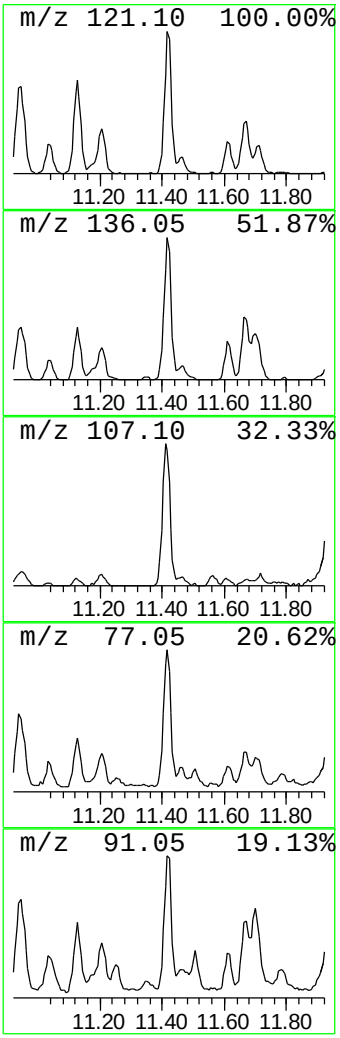
Peak Number 25 Phenol, 3-ethyl-5-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	2.83 ng/ul	394902	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	87
2	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	83
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	76
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	76
5	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	70





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Quant Title : SVOA CALIBRATION

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

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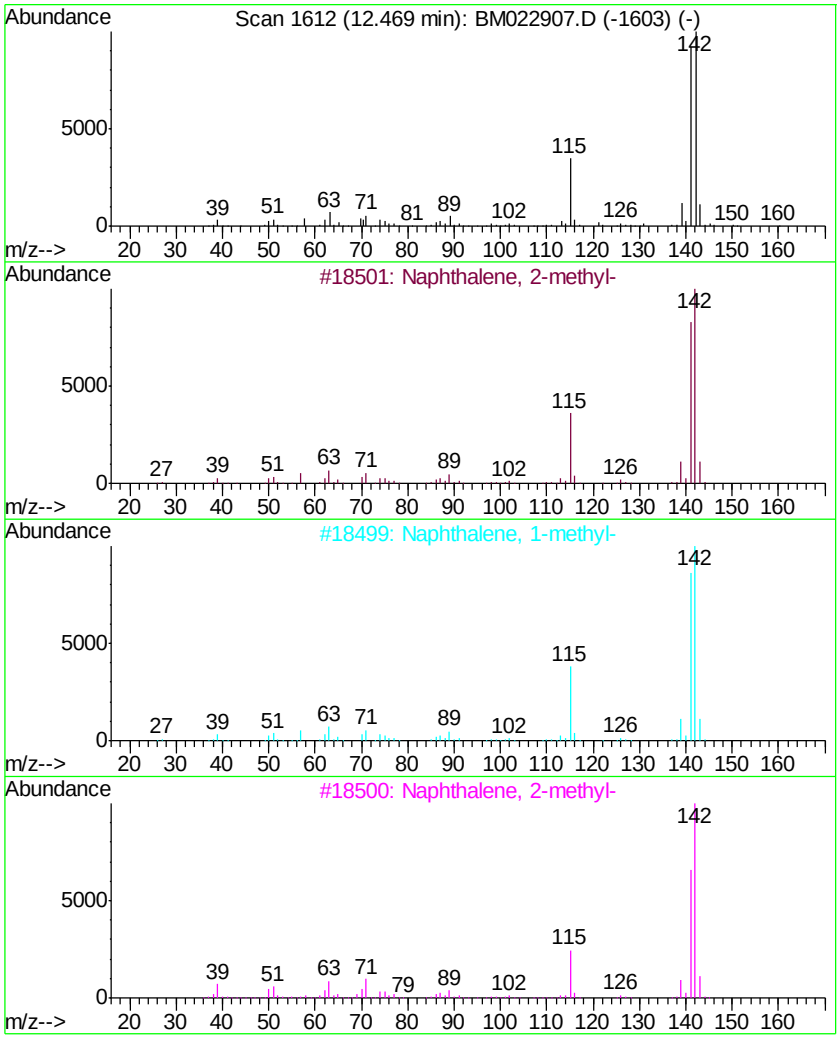
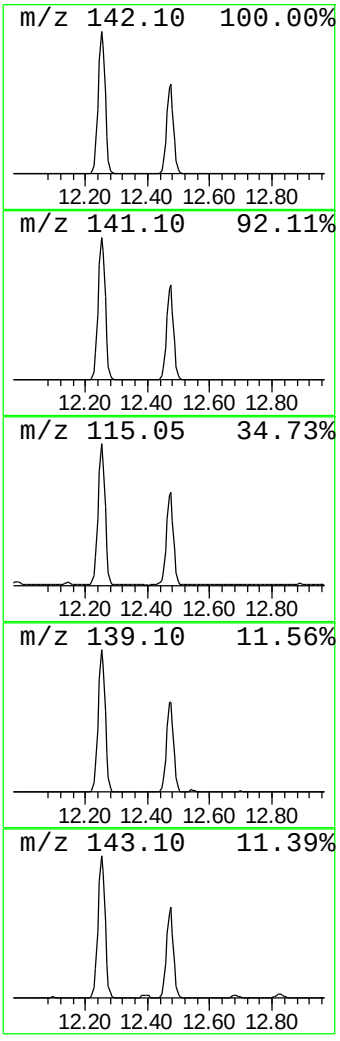
Peak Number 26 Naphthalene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	6.75 ng/ul	941428	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, 2-methyl-	142	C11H10	000091-57-6	94
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Quant Title : SVOA CALIBRATION

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

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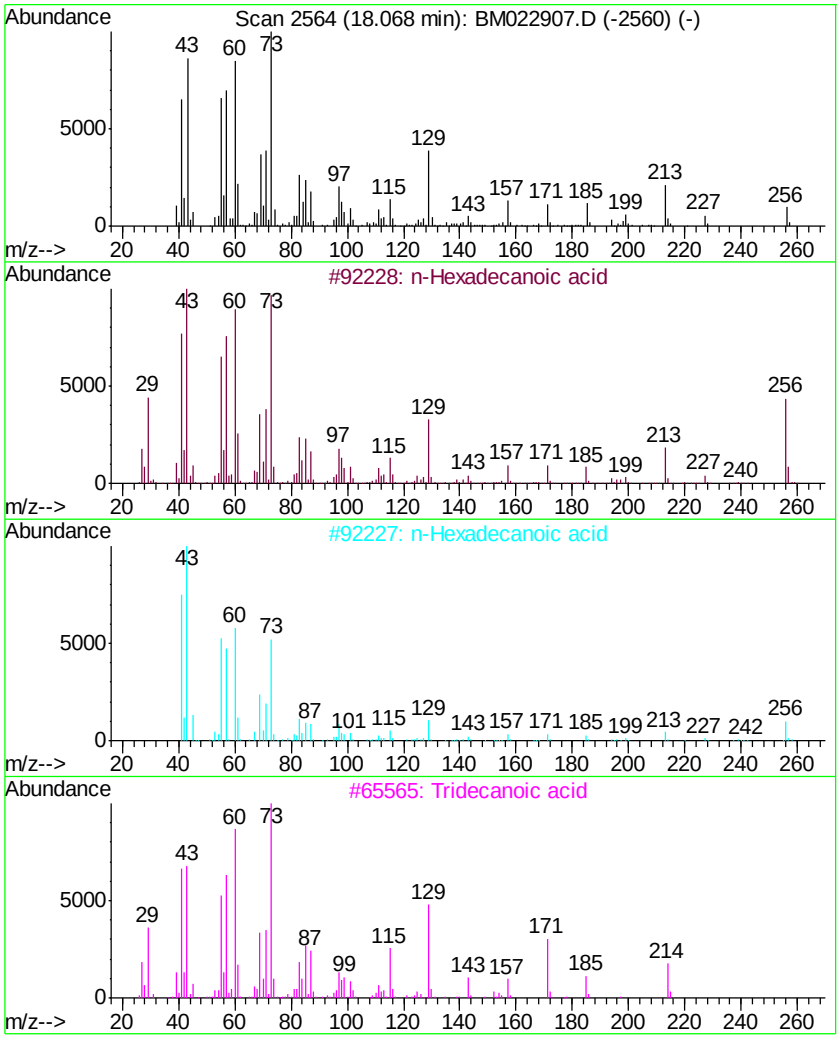
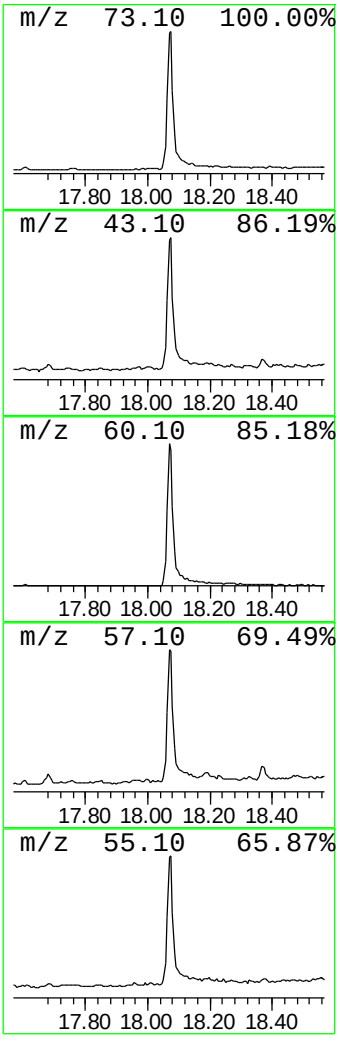
Peak Number 27 n-Hexadecanoic acid Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.88 ng/ul	651243	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	93





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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 28 Octadecanoic acid Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	2.00 ng/ul	278651	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	98
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
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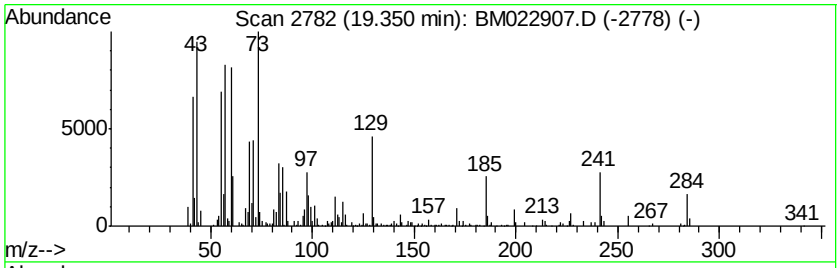
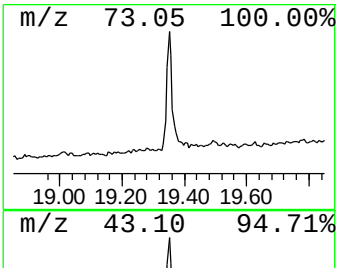
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022907.D
Acq On : 02 Oct 2019 23:50
Operator : JU
Sample : K4895-19
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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

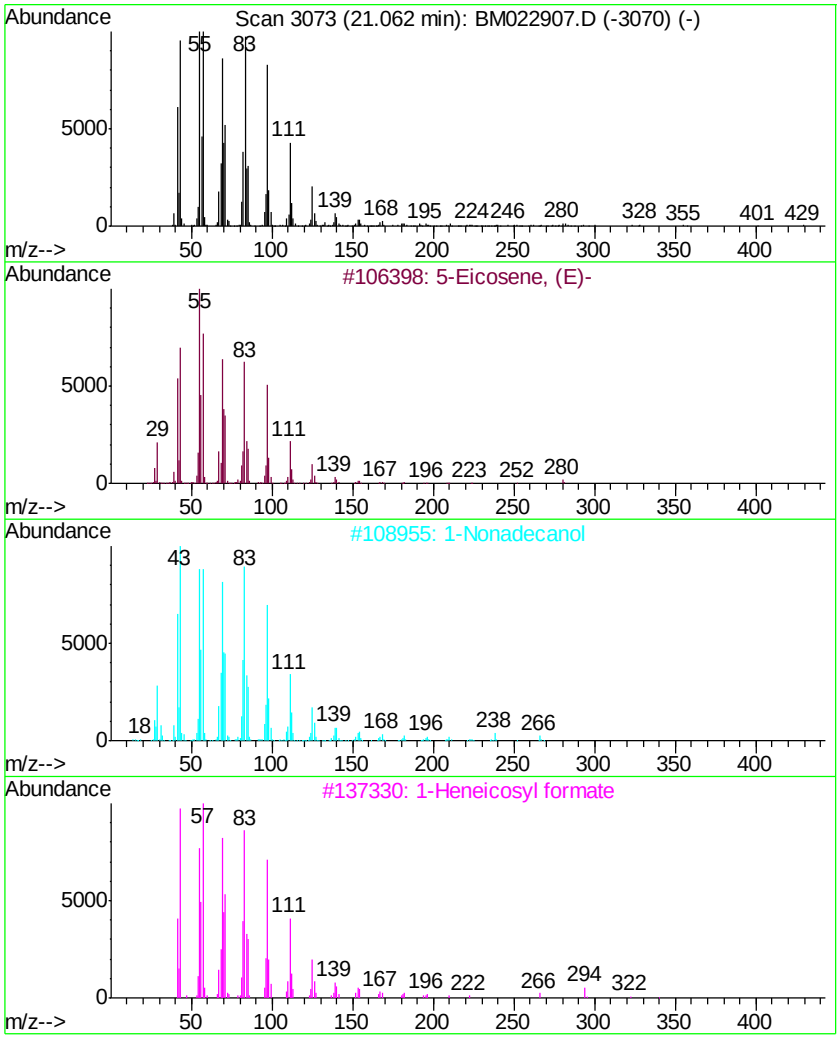
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

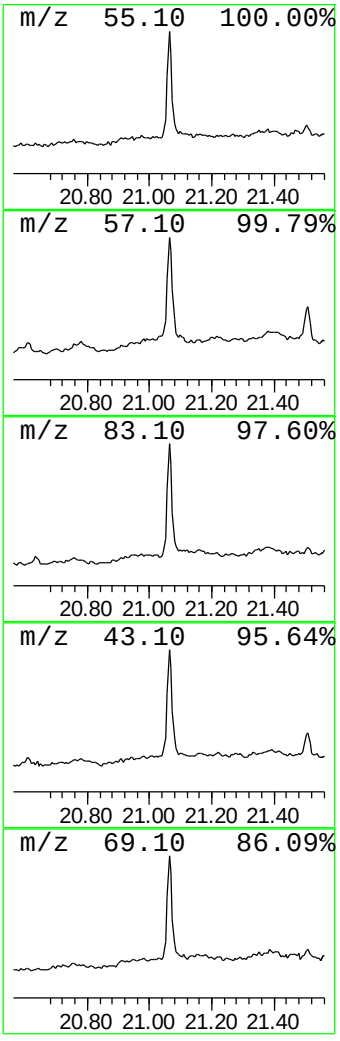
****

Peak Number 29 (DEL) Alkane: Cyclic21.06 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	4.06 ng/ul	564770	Chrysene-d12	21.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	99
2	1-Nonadecanol	284	C19H40O	001454-84-8	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	92
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022907.D
Acq On : 02 Oct 2019 23:50
Operator : JU
Sample : K4895-19
Misc :
ALS Vial : 53 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDH4

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
Propanoic acid, 1...	3.73	3.8	ng/ul	319772	1	7.80	1677030	20.0
Toluene	4.00	10.0	ng/ul	834848	1	7.80	1677030	20.0
Propanoic acid, 2...	4.27	8.4	ng/ul	707709	1	7.80	1677030	20.0
Propanoic acid, p...	4.45	12.7	ng/ul	1064020	1	7.80	1677030	20.0
Butanoic acid, 1-...	4.90	15.4	ng/ul	1293920	1	7.80	1677030	20.0
Ethylbenzene	5.32	4.9	ng/ul	410329	1	7.80	1677030	20.0
Benzene, 1,3-dime...	5.45	19.0	ng/ul	1596350	1	7.80	1677030	20.0
Butanoic acid, pr...	5.76	2.6	ng/ul	214458	1	7.80	1677030	20.0
p-Xylene	5.82	12.2	ng/ul	1020820	1	7.80	1677030	20.0
Benzene, propyl-	6.79	2.5	ng/ul	208950	1	7.80	1677030	20.0
Benzene, 1-ethyl-...	6.89	9.2	ng/ul	774992	1	7.80	1677030	20.0
Benzene, 1-ethyl-...	7.19	5.5	ng/ul	461511	1	7.80	1677030	20.0
Benzene, 1,2,3-tr...	7.45	24.3	ng/ul	2040100	1	7.80	1677030	20.0
Benzene, 1,3,5-tr...	7.92	11.3	ng/ul	950643	1	7.80	1677030	20.0
Indane	8.17	7.7	ng/ul	641771	1	7.80	1677030	20.0
2-Indanol	8.35	2.8	ng/ul	233119	1	7.80	1677030	20.0
Benzene, 1-ethyl-...	8.44	5.1	ng/ul	428415	1	7.80	1677030	20.0
Benzene, 2-ethyl-...	8.75	2.6	ng/ul	219289	1	7.80	1677030	20.0
Benzene, 1-methyl...	8.80	2.6	ng/ul	221526	1	7.80	1677030	20.0
Benzene, 1,2,3,4-...	9.43	2.4	ng/ul	333217	2	10.59	2787380	20.0
Benzene, 1,2,4,5-...	9.49	3.1	ng/ul	438450	2	10.59	2787380	20.0
1H-Indene, 2,3-di...	9.85	2.2	ng/ul	302950	2	10.59	2787380	20.0
Benzene, 2-etheny...	9.99	9.1	ng/ul	1261960	2	10.59	2787380	20.0
Phenol, 3,5-dimet...	10.07	5.5	ng/ul	764090	2	10.59	2787380	20.0
Phenol, 3-ethyl-5...	11.42	2.8	ng/ul	394902	2	10.59	2787380	20.0
Naphthalene, 1-me...	12.47	6.8	ng/ul	941428	2	10.59	2787380	20.0
n-Hexadecanoic acid	18.07	3.9	ng/ul	651243	4	17.17	3361110	20.0
Octadecanoic acid	19.35	2.0	ng/ul	278651	5	21.35	2785390	20.0
(DEL) Alkane: Cyc...	21.06	4.1	ng/ul	564770	5	21.35	2785390	20.0