LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022879.D
Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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	3.304	50	54	68	rVV	2697632	3327665	33.50%	2.493%
2	3.734	122	127	132	rBV	261957	334711	3.37%	0.251%
3	3.993	163	171	178	rBV2	87055	198565	2.00%	0.149%
4	4.269	213	218	225	rVV	557191	710596	7.15%	0.532%
5	4.446	243	248	256	rBV	832730	1085320	10.92%	0.813%
6	4.898	314	325	336	rBV	936389	1276006	12.84%	0.956%
7	5.451	414	419	428	rBV	178726	330948	3.33%	0.248%
8	5.763	465	472	477	rBV	133470	186395	1.88%	0.140%
9	5.822	477	482	487	rVV	159735	237369	2.39%	0.178%
10	6.298	553	563	575	rVB	115718	187007	1.88%	0.140%
11	6.792	639	647	659	rBV2	169240	380087	3.83%	0.285%
12	6.898	659	665	669	rBV	148823	216732	2.18%	0.162%
13	6.998	669	682	687	rBV2	1217270	2704795	27.23%	2.027%
14	7.134	698	705	712	rBV	827901	1304206	13.13%	0.977%
15	7.198	712	716	721	rVV	112284	180074	1.81%	0.135%
16	7.334	732	739	748	rVV	994165	1593582	16.04%	1.194%
17	7.457	754	760	766	rVV	308920	488014	4.91%	0.366%
18	7.798	812	818	824	rBV	1138914	1866035	18.78%	1.398%
19	7.916	834	838	847	rVV2	168237	296550	2.99%	0.222%
20	8.175	874	882	888	rVV2	328493	675212	6.80%	0.506%
21	8.339	906	910	919	rVB2	156676	302266	3.04%	0.226%
22	8.439	920	927	932	rVV3	128544	237645	2.39%	0.178%
23	8.504	932	938	945	rVV	902989	1419533	14.29%	1.064%
24	8.910	996	1007	1010	rBV	200301	383541	3.86%	0.287%
25	8.951	1010	1014	1026	rVV2	1010256	1887774	19.00%	1.414%
26	9.428	1087	1095	1100	rVB	228300	395433	3.98%	0.296%
27	9.486	1100	1105	1112	rVB	293496	463791	4.67%	0.347%
28	9.675	1129	1137	1144	rBV	917294	1516626	15.27%	1.136%
29	9.769	1148	1153	1157	rBV	230065	361816	3.64%	0.271%
30	9.845	1162	1166	1174	rVB	146281	255284	2.57%	0.191%
31	10.004	1182	1193	1200	rBV3	419224	982836	9.89%	0.736%
32	10.075	1200	1205	1213	rBV2	413413	957366	9.64%	0.717%
33	10.216	1221	1229	1237	rVB	1596075	2792344	28.11%	2.092%
34	10.463	1265	1271	1276	rVV2	107680	206780	2.08%	0.155%

LSC Area Percent Report

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Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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	10.592	1284	1293	1297	rVV	1742286	3112852	31.33%	2.332%
36	10.645	1297	1302	1309	rVV	3278546	5556435	55.93%	4.163%
37	10.727	1309	1316	1327	rVV3	517027	1307825	13.16%	0.980%
38	11.133	1379	1385	1389	rBV2	107253	194367	1.96%	0.146%
39	11.422	1419	1434	1438	rBV	209023	487082	4.90%	0.365%
40	11.616	1461	1467	1472	rBV2	146496	294013	2.96%	0.220%
41	11.675	1472	1477	1479	rVV	143862	275422	2.77%	0.206%
42	11.704	1479	1482	1487	rVV3	165461	307470	3.09%	0.230%
43	11.786	1491	1496	1505	rVB3	116674	267963	2.70%	0.201%
44	11.933	1510	1521	1526	rBV	606667	1112211	11.20%	0.833%
45	12.151	1553	1558	1562	rBV3	99794	181335	1.83%	0.136%
46	12.257	1570	1576	1580	rVV	1180909	1821830	18.34%	1.365%
47	12.292	1580	1582	1589	rVB2	128942	194838	1.96%	0.146%
48	12.474	1603	1613	1619	rVB	2046318	3425576	34.48%	2.567%
49	12.633	1635	1640	1645	rBV4	90401	182907	1.84%	0.137%
50	12.774	1659	1664	1669	rBV5	83033	192159	1.93%	0.144%
51	12.945	1690	1693	1701	rVB2	125736	211053	2.12%	0.158%
52	13.016	1701	1705	1715	rVB4	85941	181999	1.83%	0.136%
53	13.145	1715	1727	1737	rBV4	201037	612706	6.17%	0.459%
54	13.286	1744	1751	1759	rVB	6408571	9934414	100.00%	7.443%
55	13.357	1759	1763	1767	rBV	185558	245024	2.47%	0.184%
56	13.469	1777	1782	1784	rBV	136345	216091	2.18%	0.162%
57	13.616	1796	1807	1814	rBV5	264542	760668	7.66%	0.570%
58	13.763	1826	1832	1837	rBV2	458434	912014	9.18%	0.683%
59	13.810	1837	1840	1842	rVV	371798	518349	5.22%	0.388%
60	13.851	1842	1847	1851	rVV	2606943	3829209	38.54%	2.869%
61	13.892	1851	1854	1866	rVV	1706473	2464120	24.80%	1.846%
62	13.992	1867	1871	1875	rVV	266817	421145	4.24%	0.316%
63	14.033	1875	1878	1888	rVB3	226485	364259	3.67%	0.273%
64	14.127	1888	1894	1904	rBV	2922425	4981064	50.14%	3.732%
65	14.286	1918	1921	1924	rBV	147312	188472	1.90%	0.141%
66	14.321	1924	1927	1931	rVV	177336	245266	2.47%	0.184%
67	14.439	1936	1947	1952	rBV2	2685466	4588114	46.18%	3.438%
68	14.504	1953	1958	1964	rVB	1444320	2157641	21.72%	1.617%
69	14.645	1977	1982	1987	rVB	298514	447190	4.50%	0.335%
70	14.910	2022	2027	2031	rBV4	159842	246855	2.48%	0.185%
71	14.951	2031	2034	2039	rVB	226583	279379	2.81%	0.209%

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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

72	15.133	2057	2065	2068	rBV3	108235	234434	2.36%	0.176%
73	15.257	2081	2086	2091	rVB	3484311	4865627	48.98%	3.645%
74	15.327	2091	2098	2102	rBV3	403721	745556	7.50%	0.559%
75	15.433	2109	2116	2121	rBV2	3922922	6102050	61.42%	4.572%
76	15.480	2121	2124	2129	rVB	306826	405007	4.08%	0.303%
77	15.545	2129	2135	2142	rVB	1299088	1848501	18.61%	1.385%
78	15.757	2167	2171	2176	rBV	479853	785806	7.91%	0.589%
79	15.892	2191	2194	2198	rVB3	157203	217358	2.19%	0.163%
80	15.939	2198	2202	2208	rVB4	184863	303515	3.06%	0.227%
81	16.110	2227	2231	2235	rBV	278757	389100	3.92%	0.292%
82	16.157	2236	2239	2246	rVB5	211257	388552	3.91%	0.291%
83	16.445	2282	2288	2291	rBV3	113682	236874	2.38%	0.177%
84	16.515	2297	2300	2306	rVB4	133382	193849	1.95%	0.145%
85	17.174	2407	2412	2416	rBV2	2903563	4106041	41.33%	3.076%
86	17.215	2416	2419	2424	rVV	737688	992083	9.99%	0.743%
87	17.274	2424	2429	2440	rVB2	4189140	6212675	62.54%	4.655%
88	17.574	2477	2480	2486	rVB	158194	205140	2.06%	0.154%
89	18.074	2557	2565	2574	rBV4	867746	1560054	15.70%	1.169%
90	18.233	2588	2592	2597	rVB3	136459	231744	2.33%	0.174%
91	19.227	2759	2761	2766	rVB	148806	200357	2.02%	0.150%
92	19.356	2779	2783	2793	rVB2	483547	685735	6.90%	0.514%
93	19.568	2813	2819	2823	rBV	4586559	6209177	62.50%	4.652%
94	19.609	2823	2826	2834	rVB	679247	929298	9.35%	0.696%
95	20.786	3022	3026	3036	rVB	711408	857235	8.63%	0.642%
96	21.068	3071	3074	3082	rVB	226103	271748	2.74%	0.204%
97	21.350	3118	3122	3128	rBV	2596596	3367894	33.90%	2.523%
98	22.209	3265	3268	3273	rVB	248491	305631	3.08%	0.229%
99	23.474	3477	3483	3499	rVB	2594227	4934916	49.67%	3.697%
100	23.615	3501	3507	3517	rVB	1643990	3222195	32.43%	2.414%

Sum of corrected areas: 133470373

LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022879.D
Acq On : 02 Oct 2019 06:47
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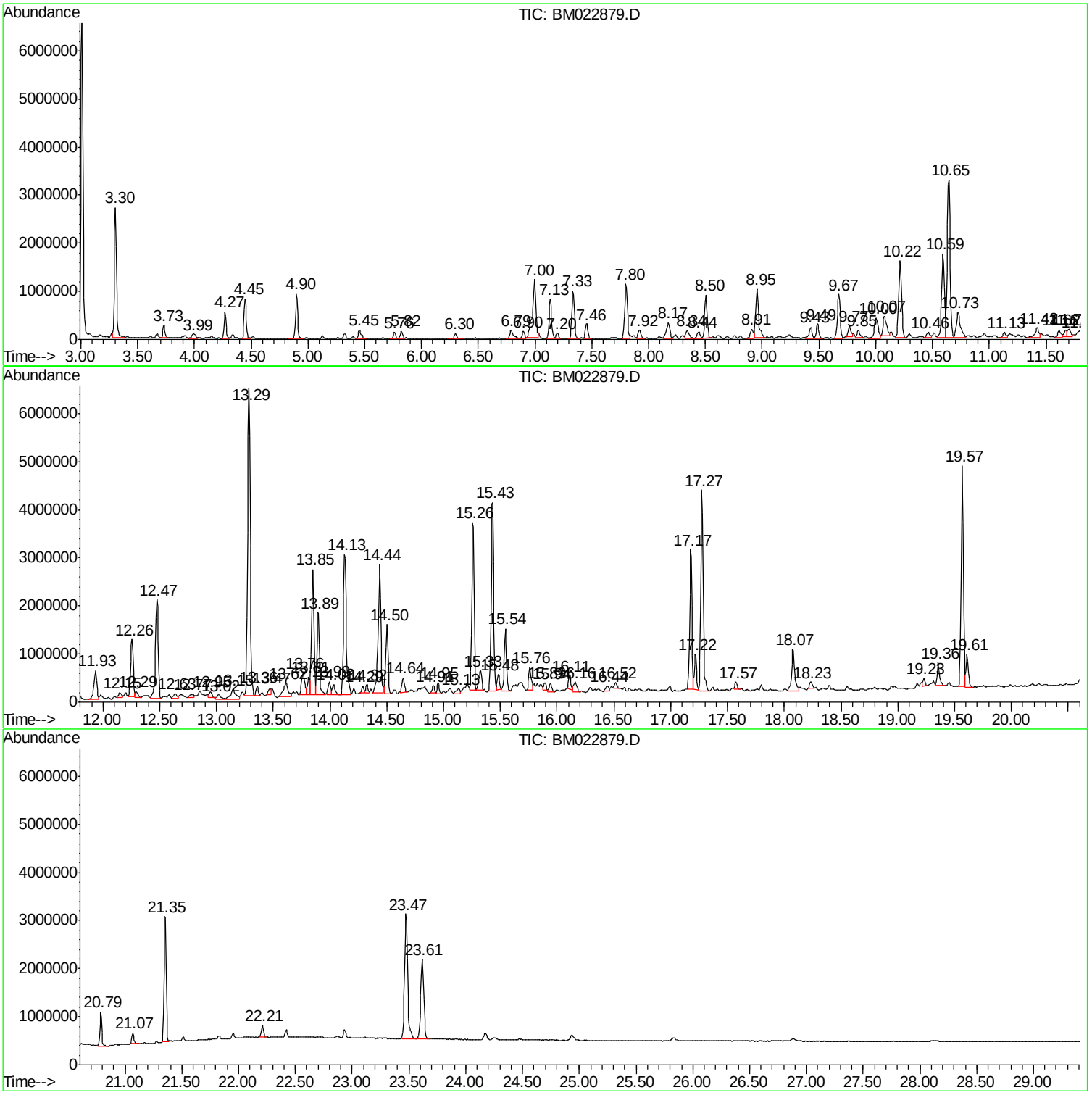
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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
ClientSampleId : BFDK0

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

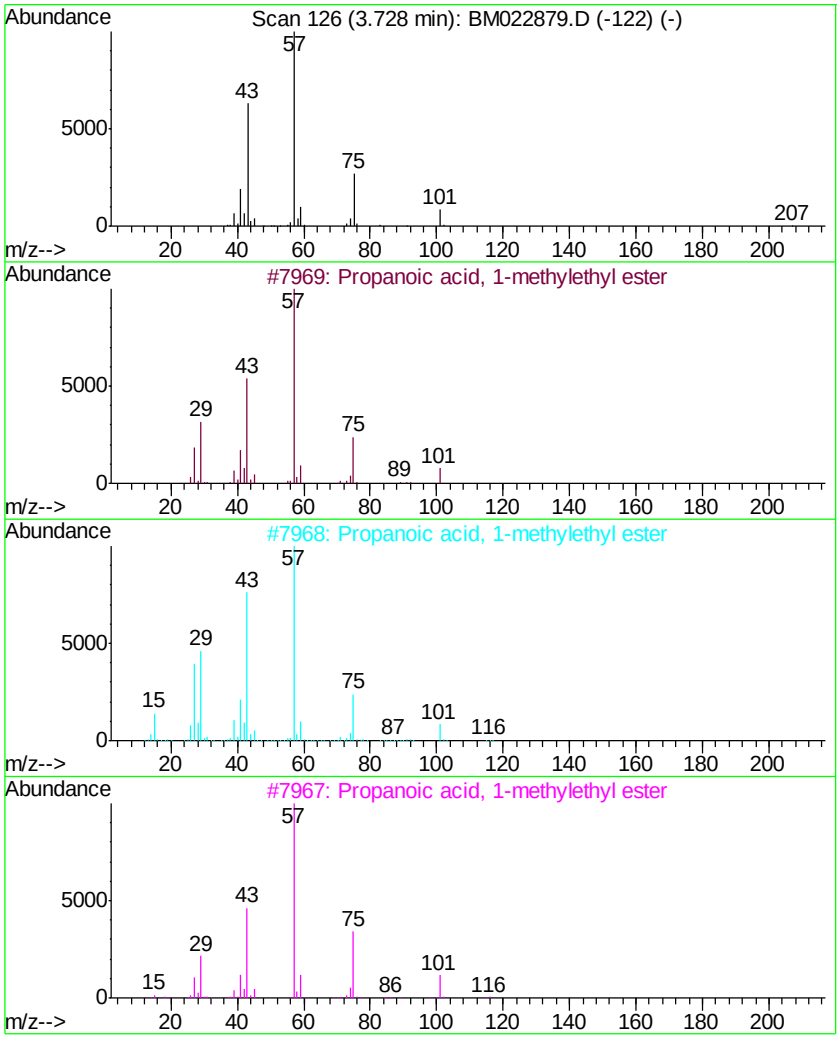
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

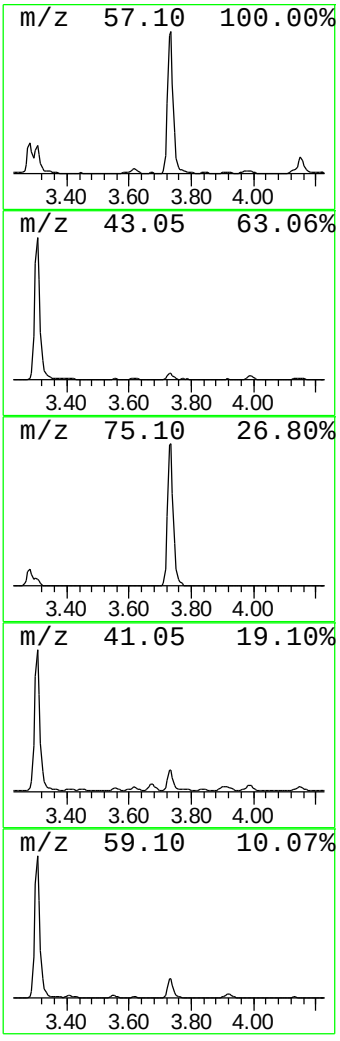
****

Peak Number 1 Propanoic acid, 1-methyleth... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	3.59 ng/ul	334711	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	64
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	53
5	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	42





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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Acq On : 02 Oct 2019 06:47
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Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

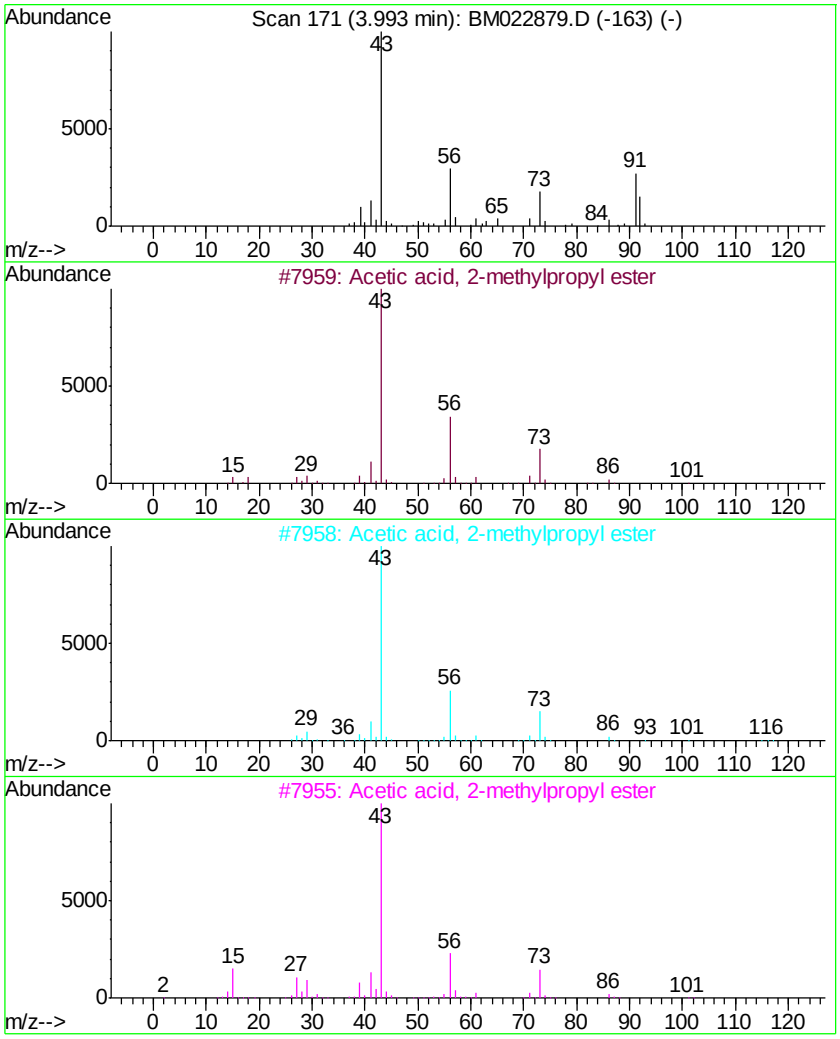
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM092719MA.M
Quant Title : SVOA CALIBRATION

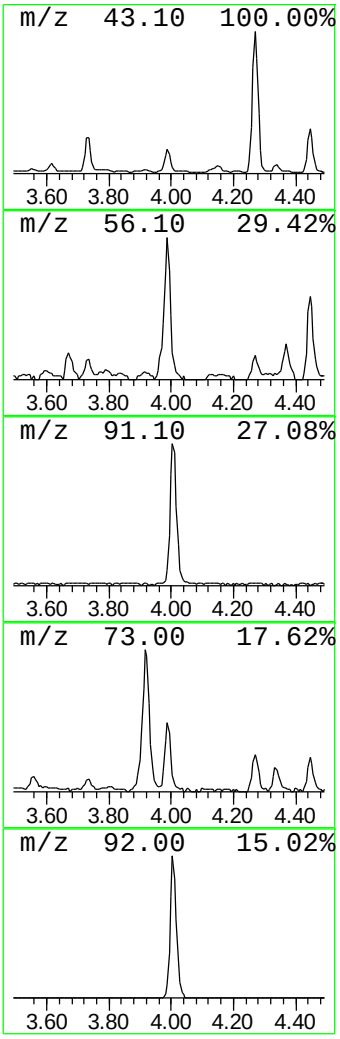
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Acetic acid, 2-methylpropyl... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.99	2.13 ng/ul	198565	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 2-methylpropyl ester	116	C6H12O2	000110-19-0	53
2	Acetic acid, 2-methylpropyl ester	116	C6H12O2	000110-19-0	53
3	Acetic acid, 2-methylpropyl ester	116	C6H12O2	000110-19-0	38
4	2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	9
5	Isobutylamine	73	C4H11N	000078-81-9	9





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ClientSampleId : BFDK0

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

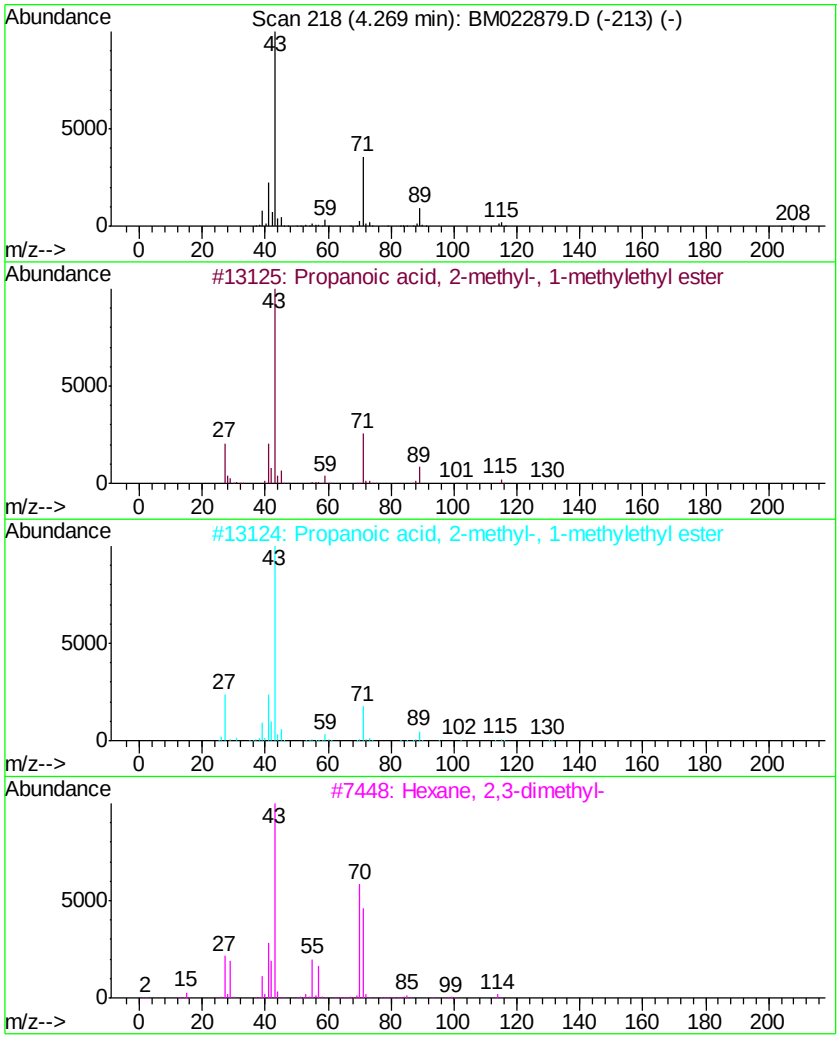
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

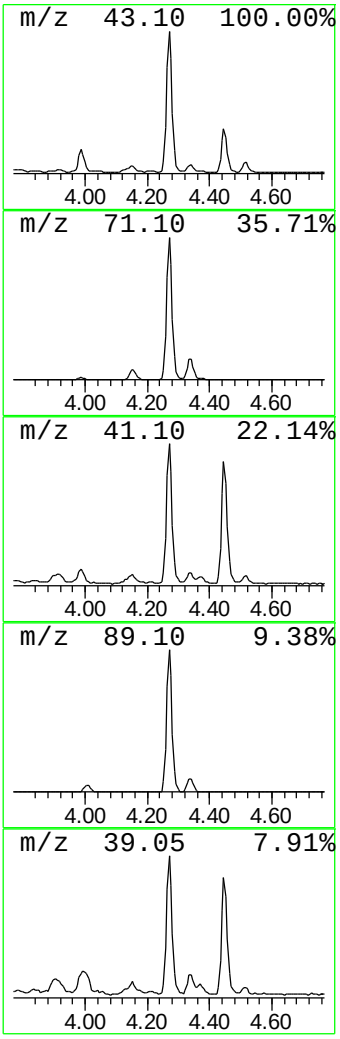
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	7.62 ng/ul	710596	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	50
3	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	50
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	50
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50





Library Search Compound Report

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Data File : BM022879.D
Acq On : 02 Oct 2019 06:47
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Instrument : BNA_M
ClientSampleId : BFDK0

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

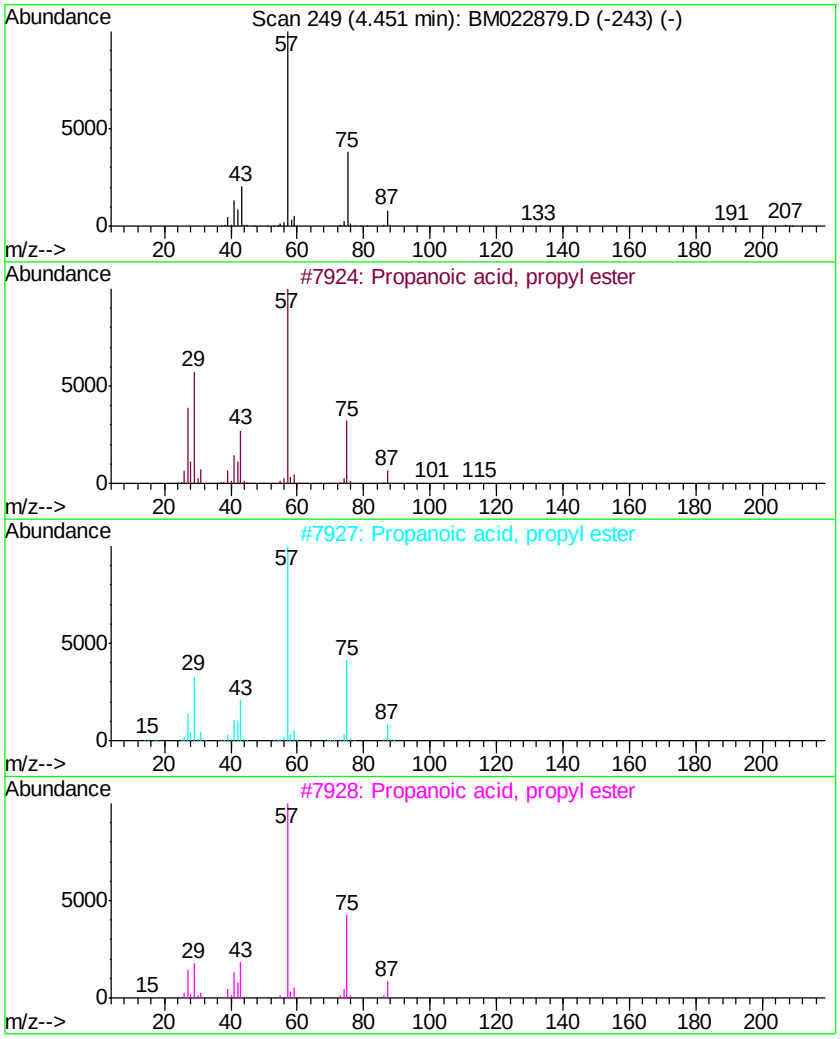
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

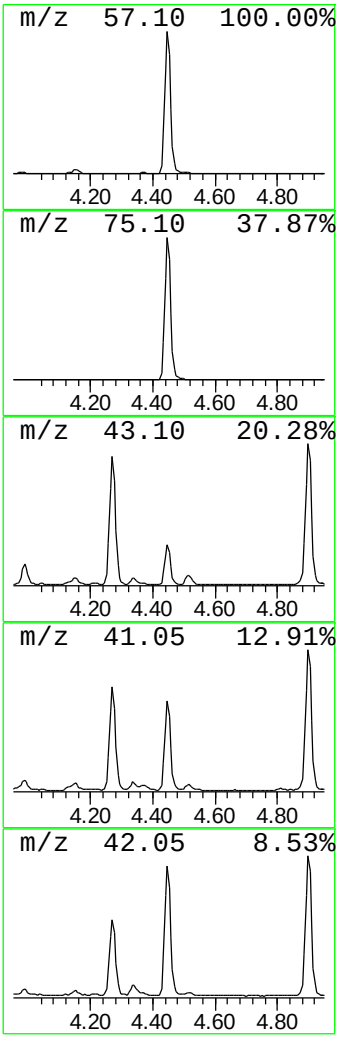
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	11.63 ng/ul	1085320	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	78
3	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	78
4	Propanoic acid, propyl ester	116	C6H12O2	000106-36-5	64
5	Propanoic acid, butyl ester	130	C7H14O2	000590-01-2	38





Library Search Compound Report

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Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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

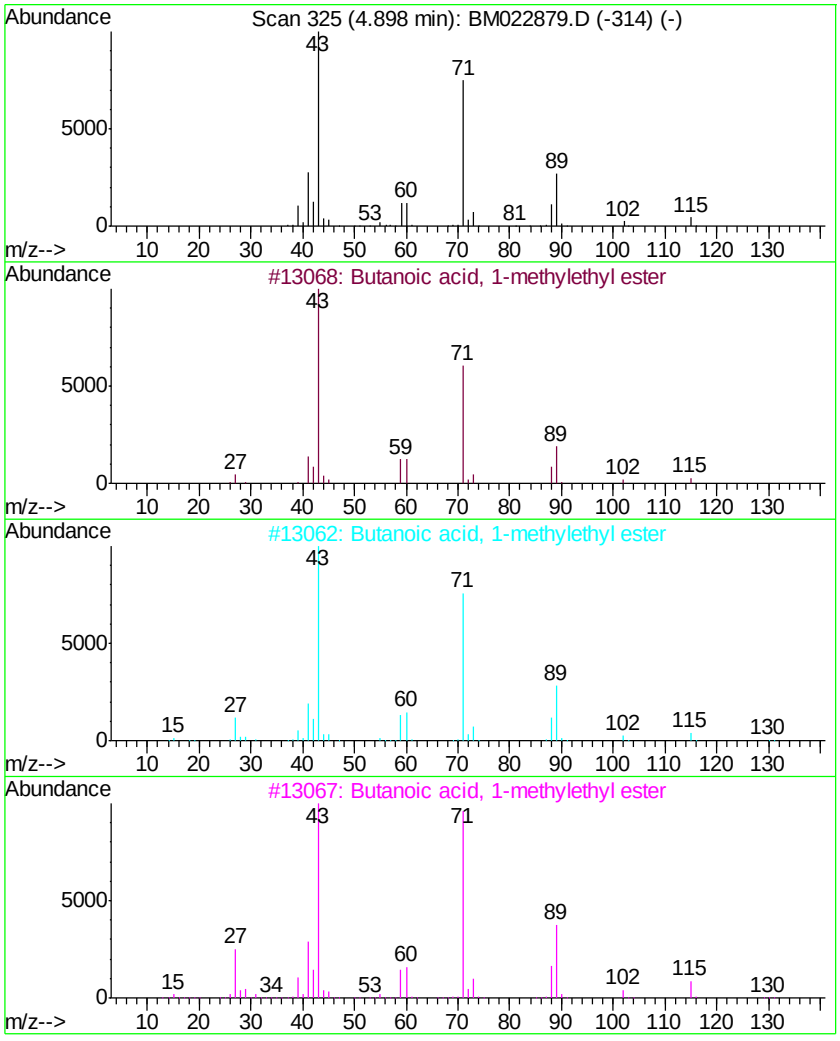
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

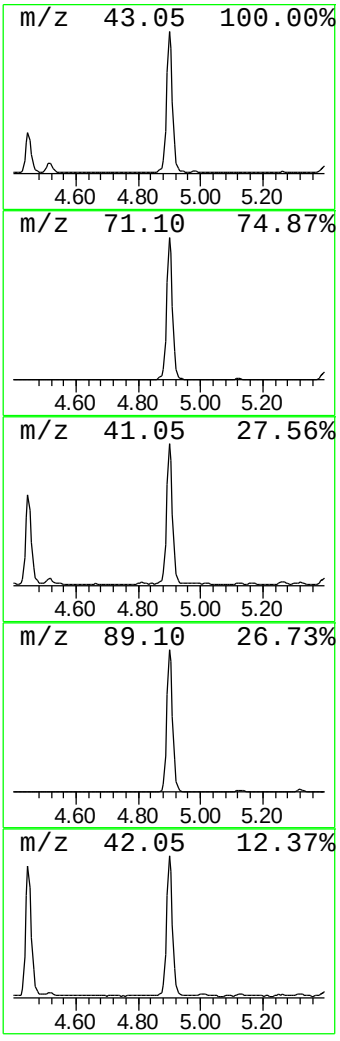
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	13.68 ng/ul	1276010	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	90
4	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	56
5	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	53





Library Search Compound Report

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Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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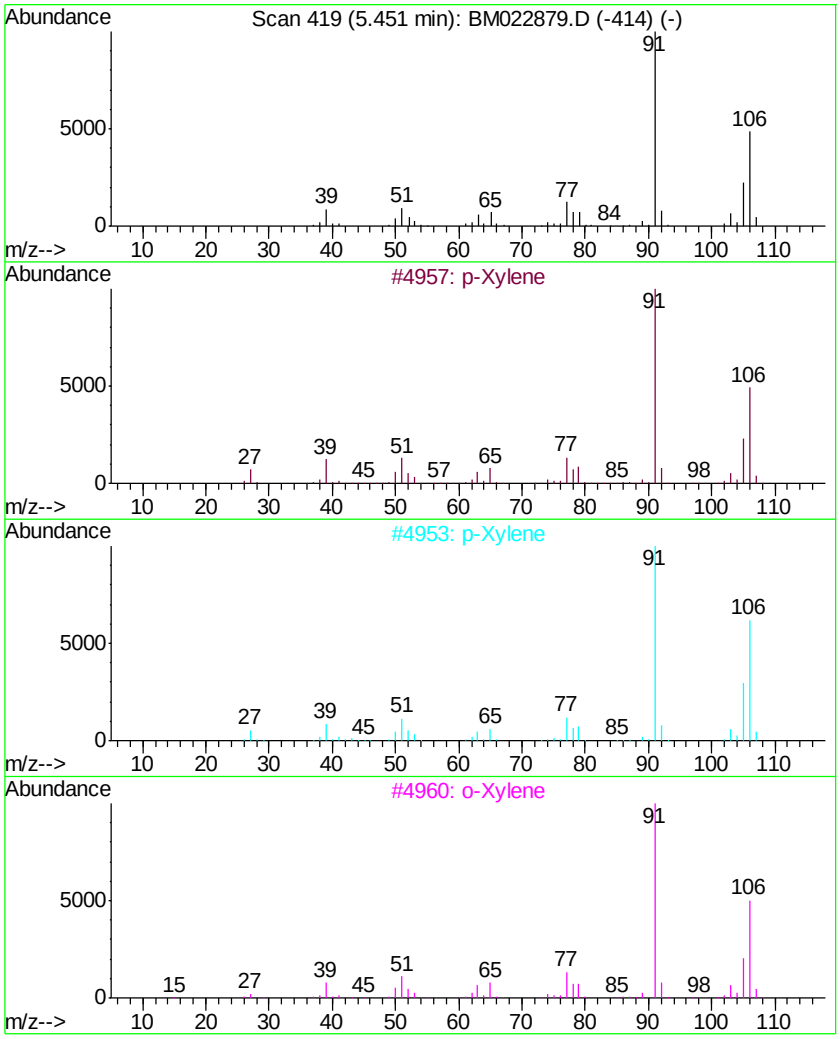
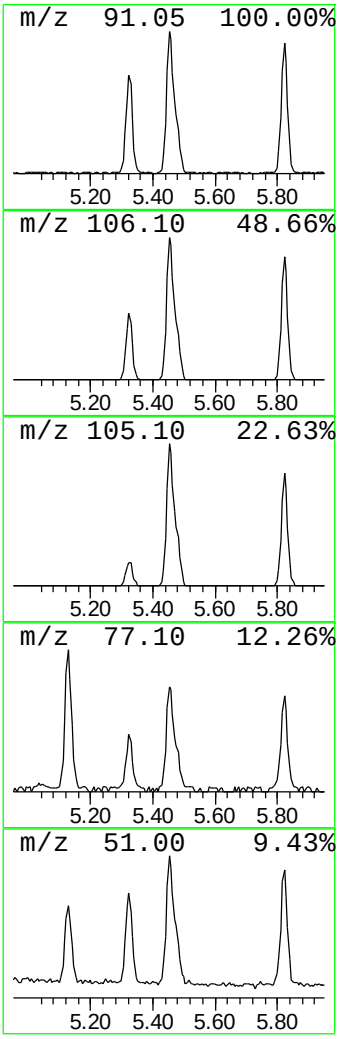
Peak Number 6 p-Xylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.45	3.55 ng/ul	330948	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	p-Xylene	106	C8H10	000106-42-3	97
3	o-Xylene	106	C8H10	000095-47-6	97
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
5	p-Xylene	106	C8H10	000106-42-3	95





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Instrument : BNA_M
ClientSampleId : BFDK0

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Quant Title : SVOA CALIBRATION

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

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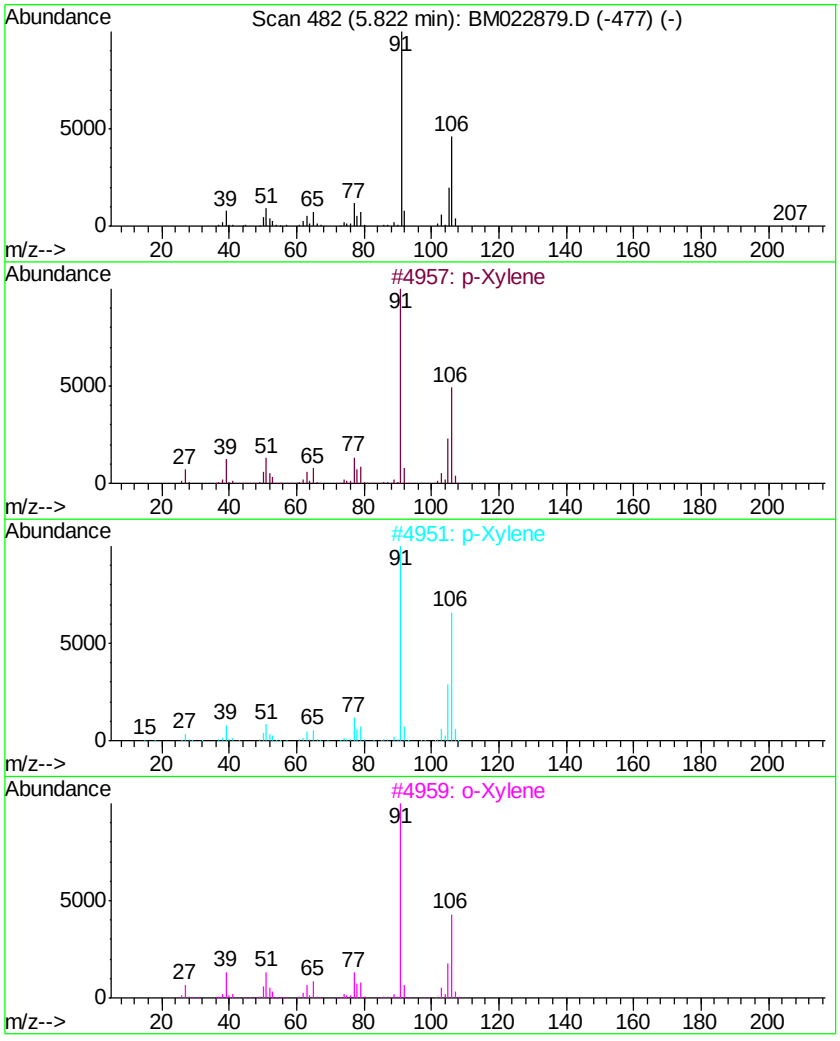
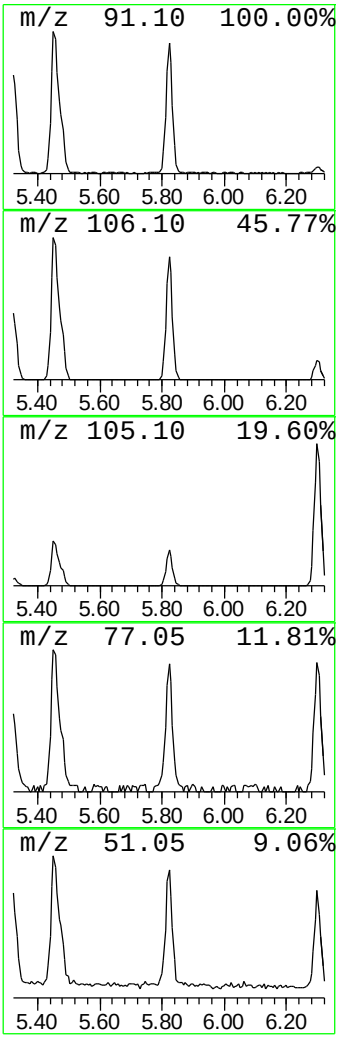
Peak Number 7 o-Xylene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	2.54 ng/ul	237369	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Xylene	106	C8H10	000106-42-3	95
2	p-Xylene	106	C8H10	000106-42-3	94
3	o-Xylene	106	C8H10	000095-47-6	91
4	p-Xylene	106	C8H10	000106-42-3	91
5	p-Xylene	106	C8H10	000106-42-3	90





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Instrument : BNA_M
ClientSampleId : BFDK0

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Quant Title : SVOA CALIBRATION

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

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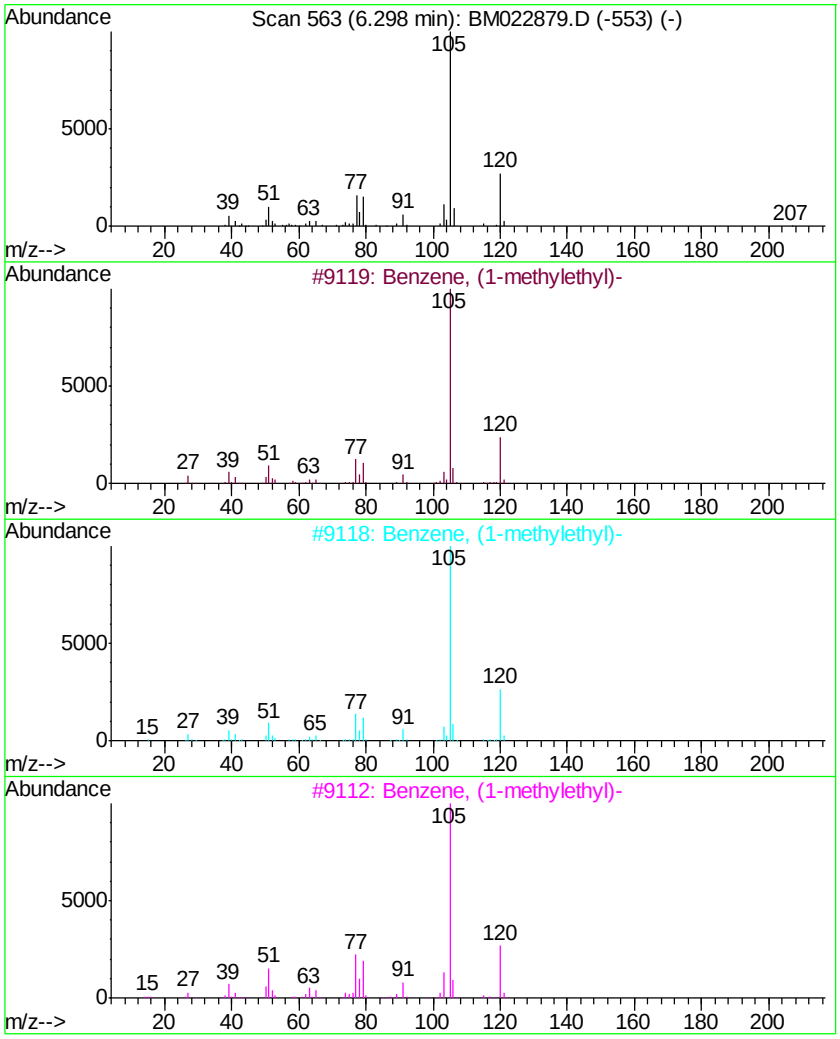
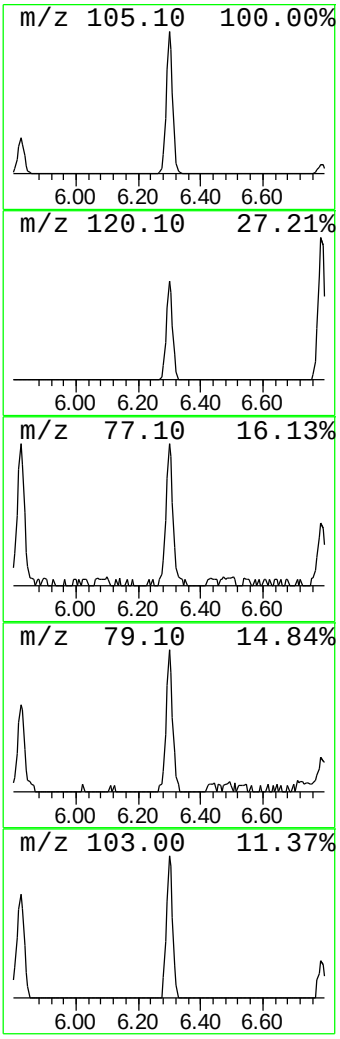
Peak Number 8 Benzene, (1-methylethyl)- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	2.00 ng/ul	187007	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
2	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	94
3	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Benzene, (1-methylethyl)-	120	C9H12	000098-82-8	87





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Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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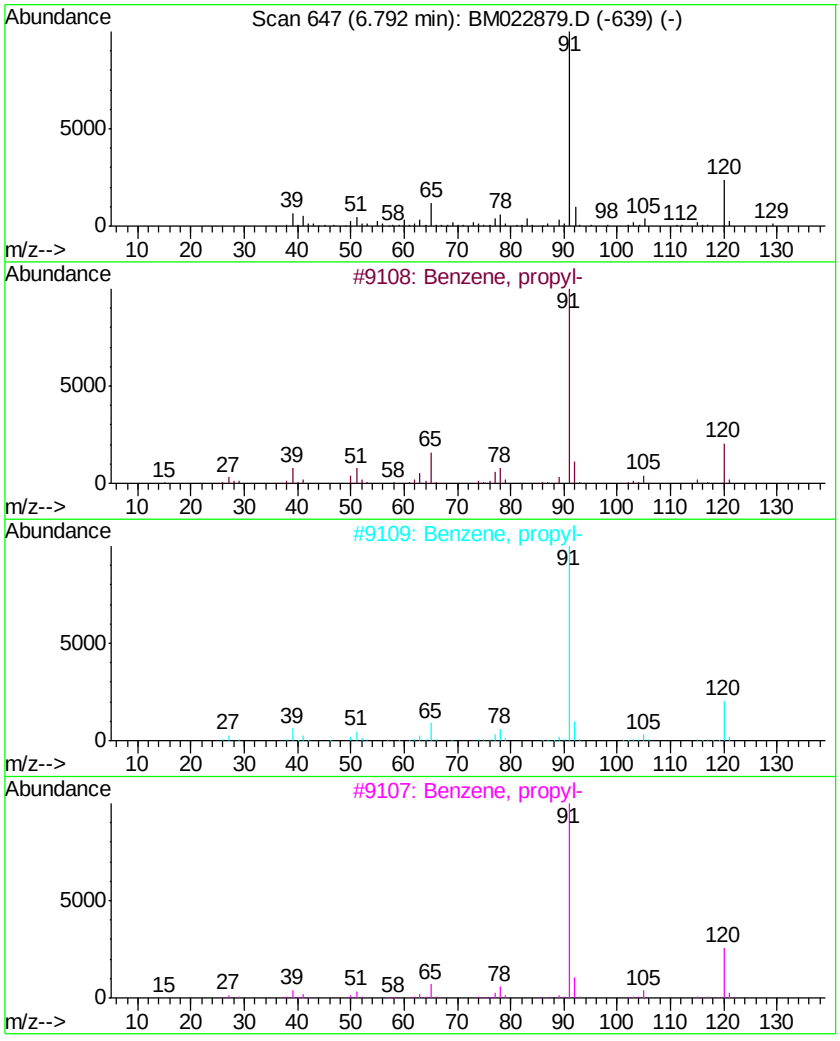
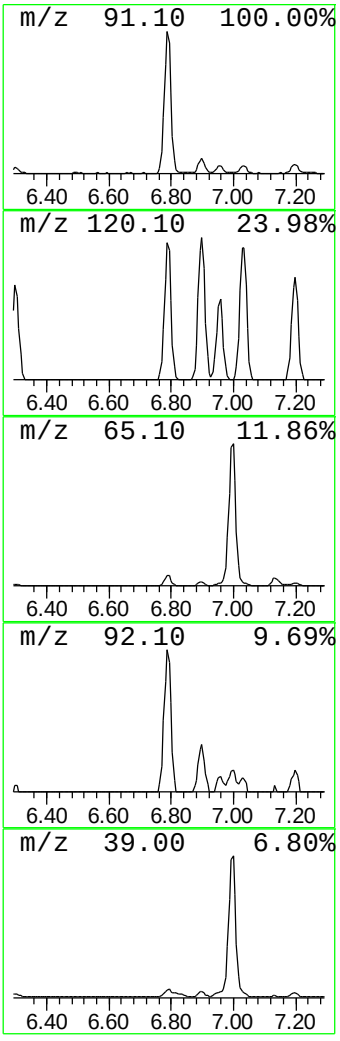
Peak Number 9 Benzene, propyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	4.07 ng/ul	380087	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	90
2	Benzene, propyl-	120	C9H12	000103-65-1	90
3	Benzene, propyl-	120	C9H12	000103-65-1	87
4	N-Benzyl-2-phenethylamine	211	C15H17N	003647-71-0	72
5	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	72





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Misc :
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ClientSampleId : BFDK0

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Quant Title : SVOA CALIBRATION

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

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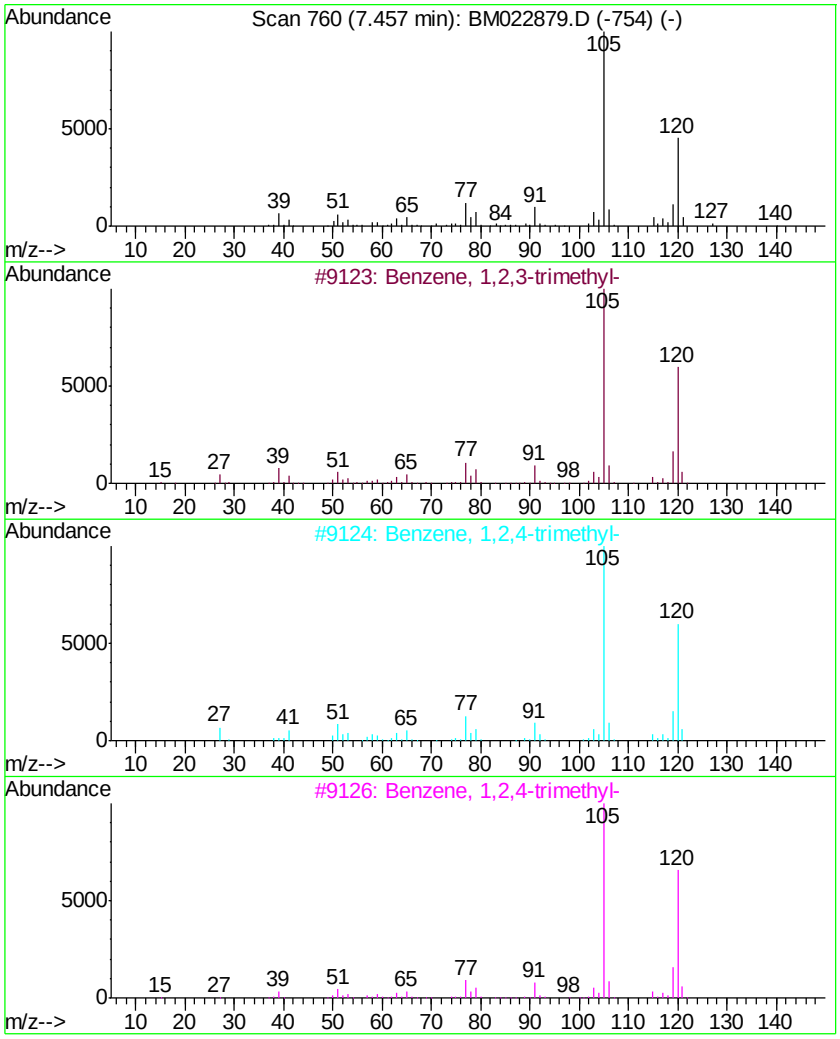
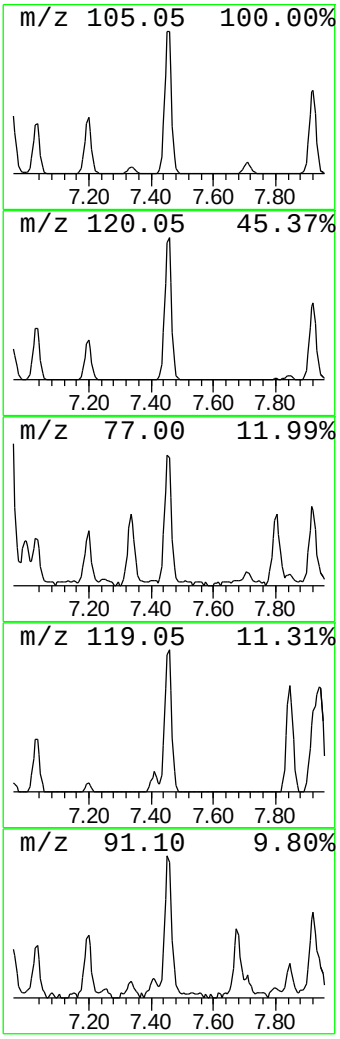
Peak Number 10 Benzene, 1,2,3-trimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.46	5.23 ng/ul	488014	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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Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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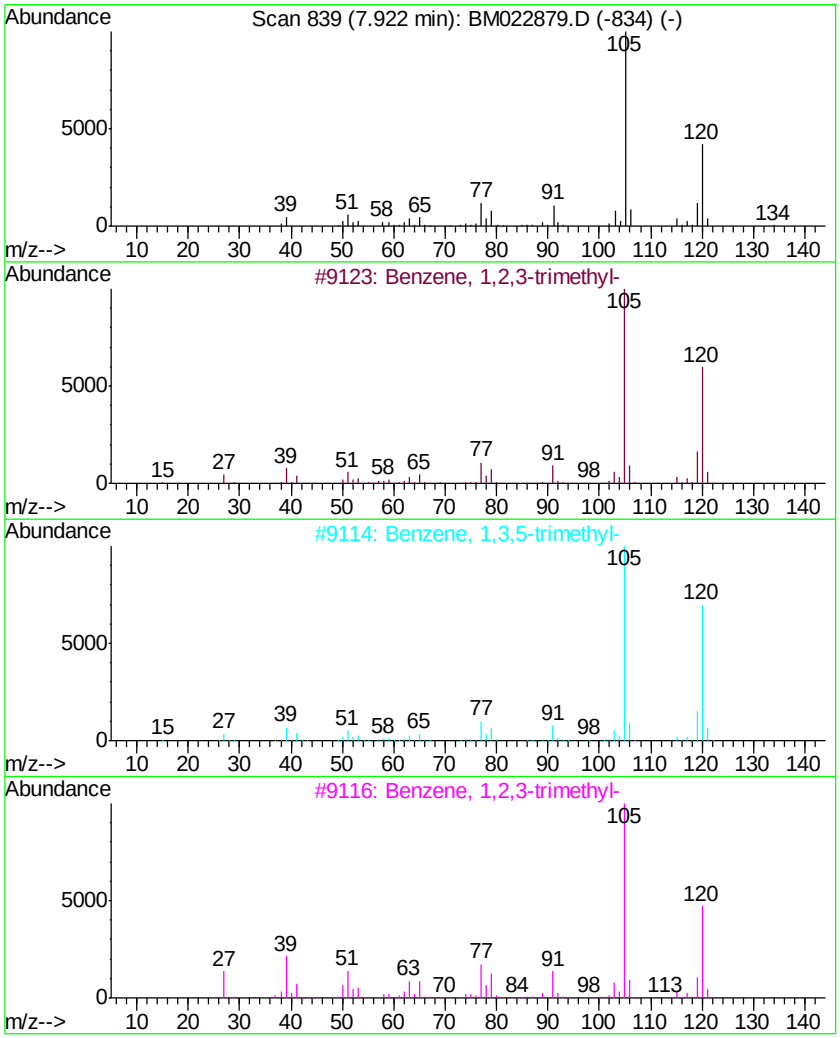
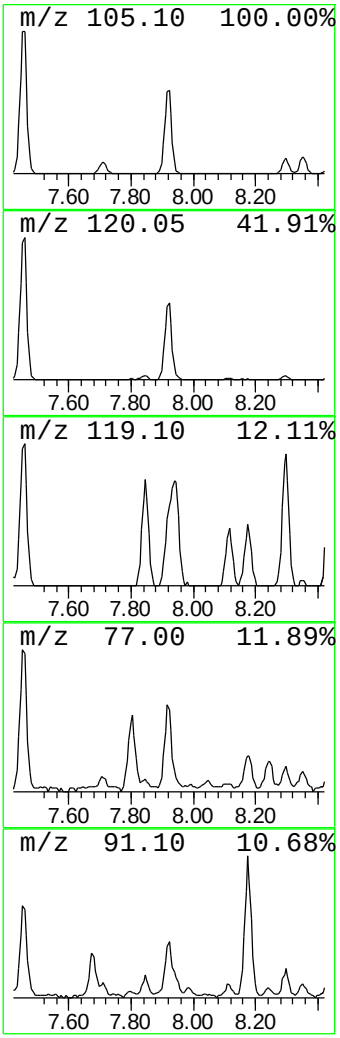
Peak Number 11 Benzene, 1,3,5-trimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.92	3.18 ng/ul	296550	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, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





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Acq On : 02 Oct 2019 06:47
Operator : JU
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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Quant Title : SVOA CALIBRATION

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

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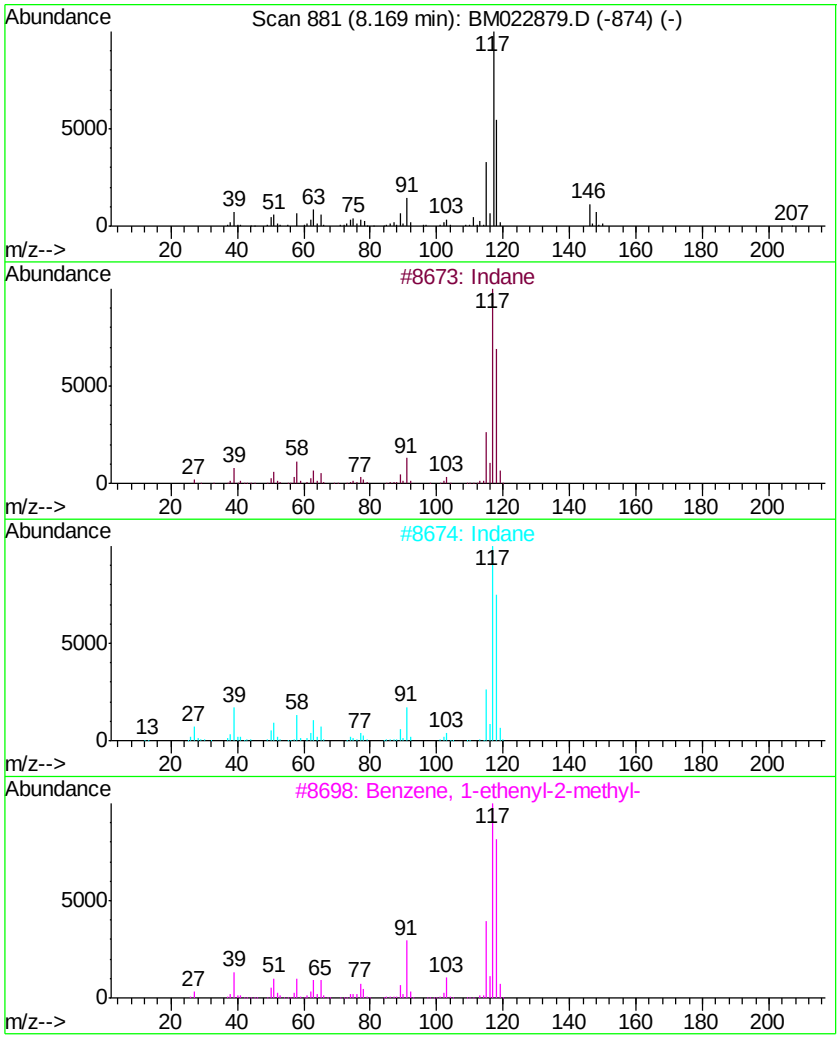
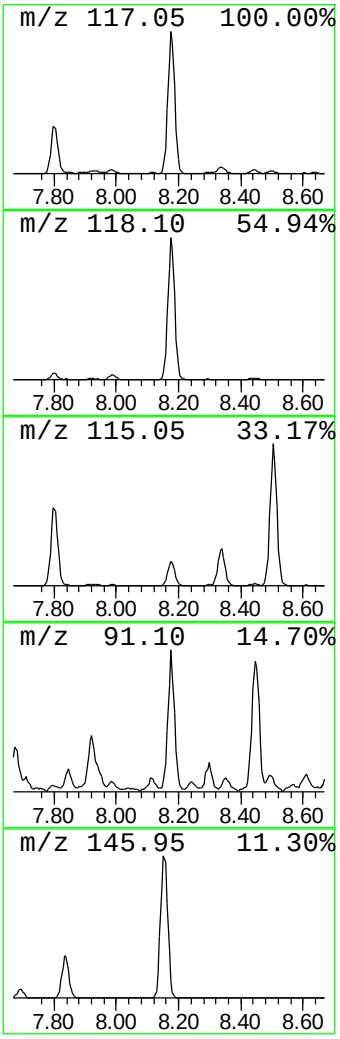
Peak Number 12 Indane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	7.24 ng/ul	675212	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	91
2	Indane	118	C9H10	000496-11-7	87
3	Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	81
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, cyclopropyl-	118	C9H10	000873-49-4	72





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Operator : JU
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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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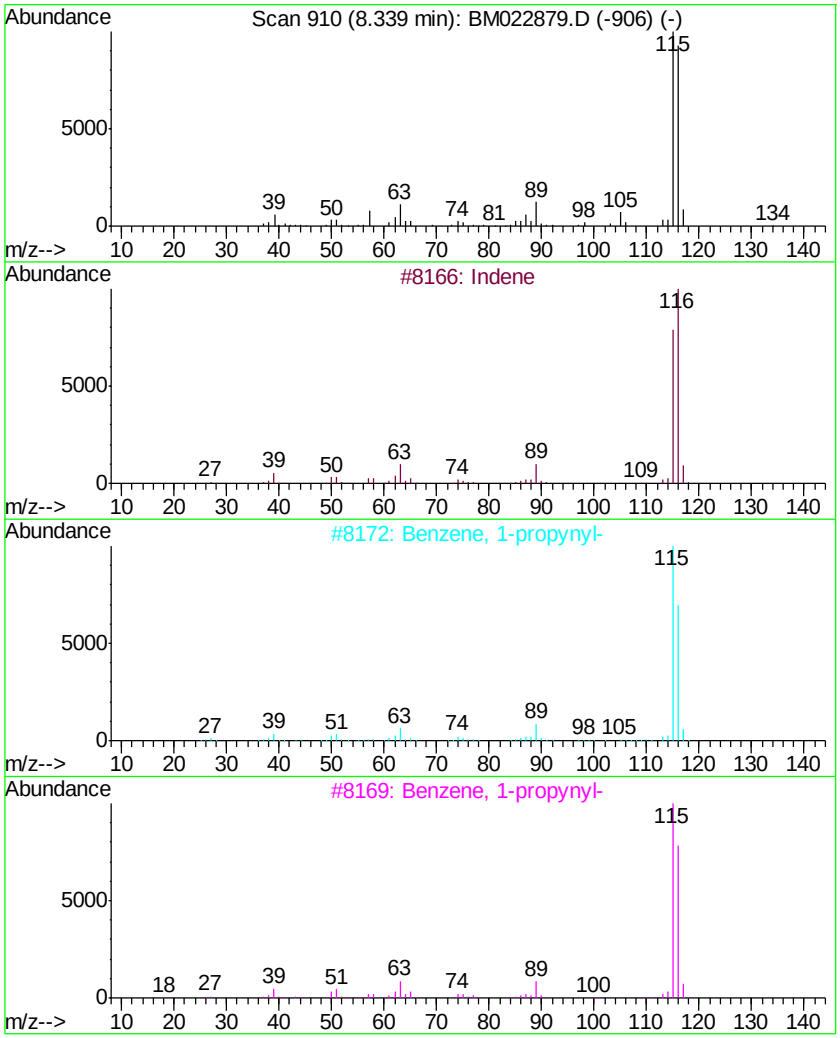
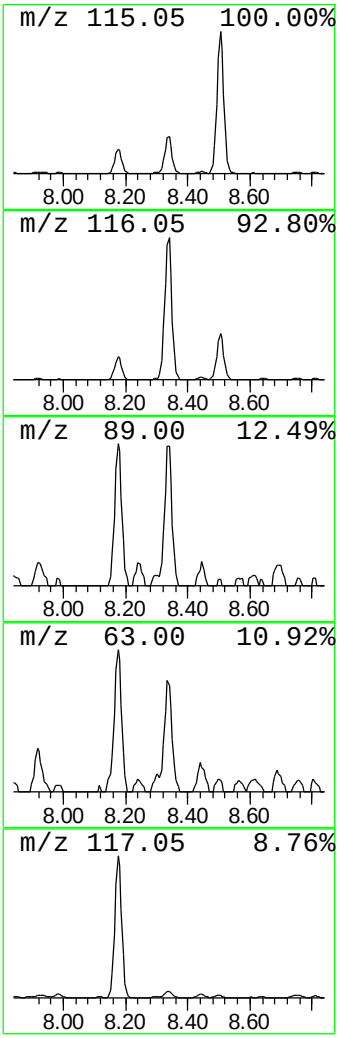
Peak Number 13 Indene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.34	3.24 ng/ul	302266	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	94
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-ethynyl-4-methyl-	116	C9H8	000766-97-2	90
5	Benzene,1-ethynyl-2-methyl-	116	C9H8	000766-47-2	90





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Instrument : BNA_M
ClientSampleId : BFDK0

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Quant Title : SVOA CALIBRATION

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

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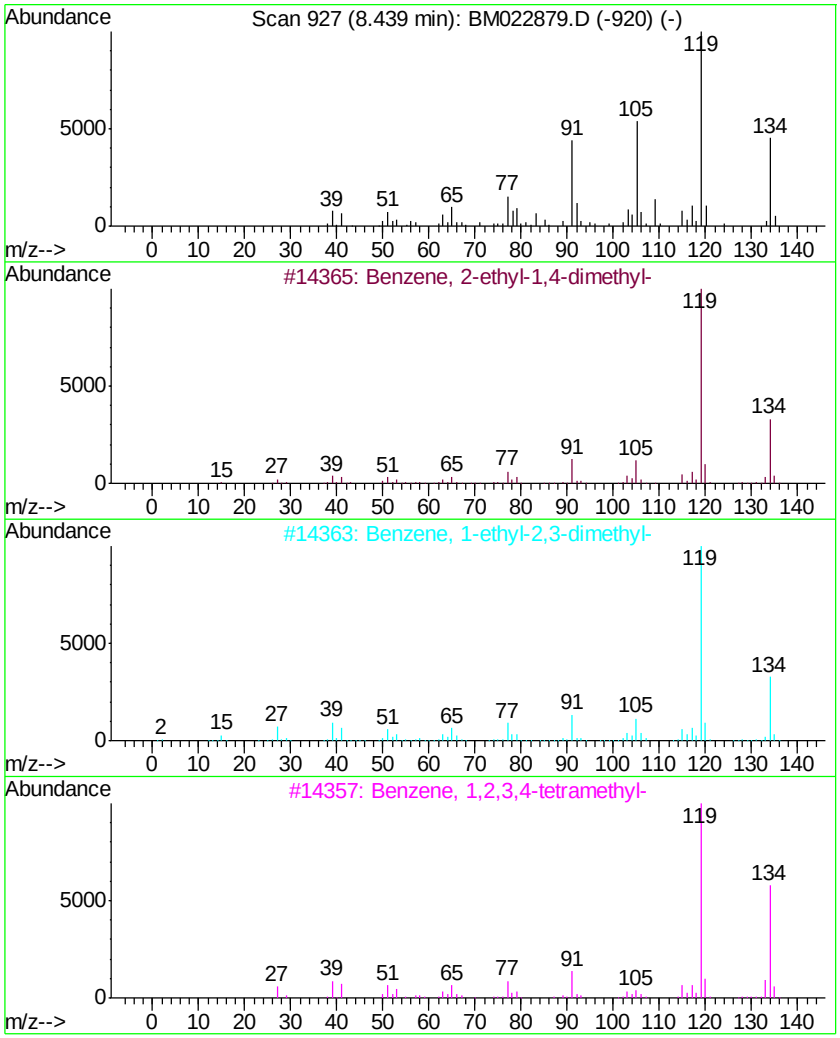
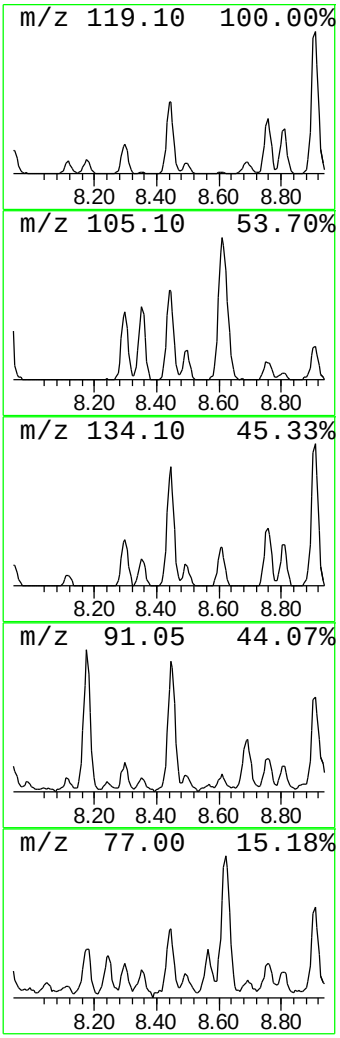
Peak Number 14 Benzene, 2-ethyl-1,4-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.44	2.55 ng/ul	237645	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	94
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	93
3	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	93
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
5	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	90





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Quant Title : SVOA CALIBRATION

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

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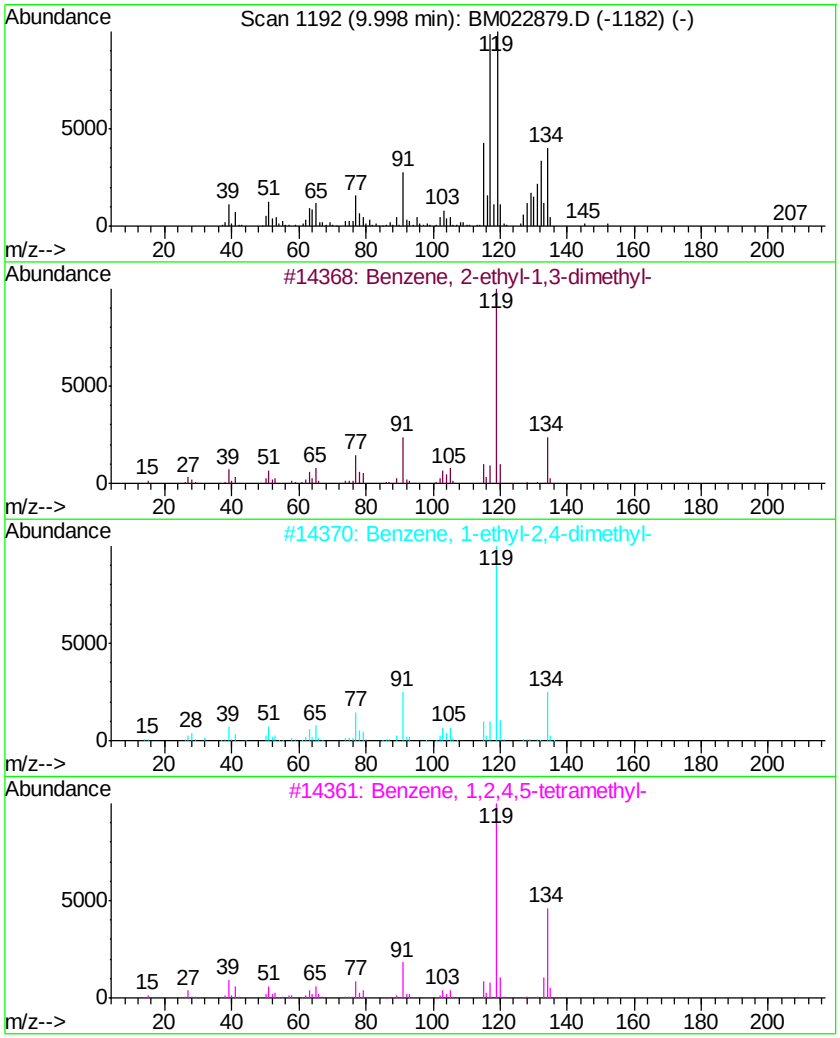
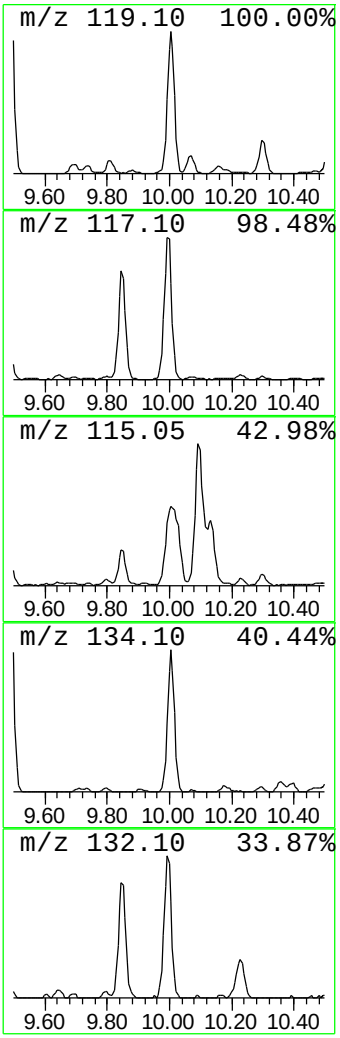
Peak Number 17 unknown-01 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	6.31 ng/ul	982836	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	46
2	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	46
3	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	46
4	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46
5	Benzene, 1-methyl-2-(1-methyleth...	134	C10H14	000527-84-4	46





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Quant Title : SVOA CALIBRATION

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

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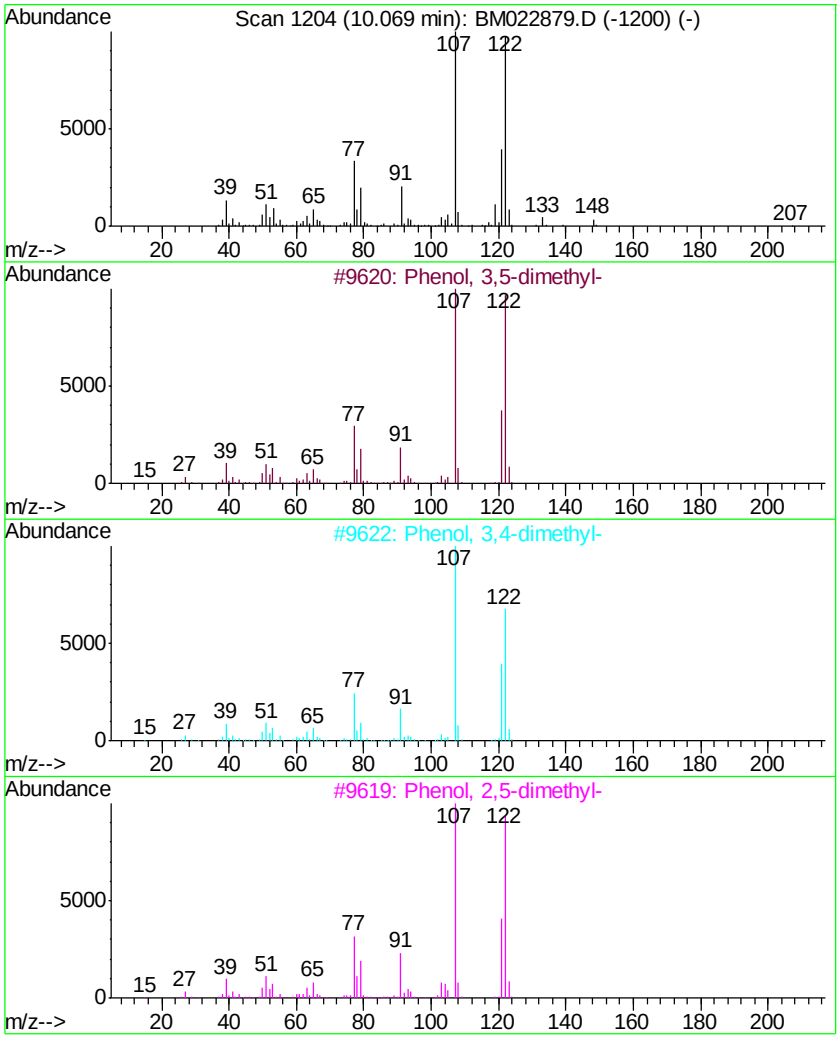
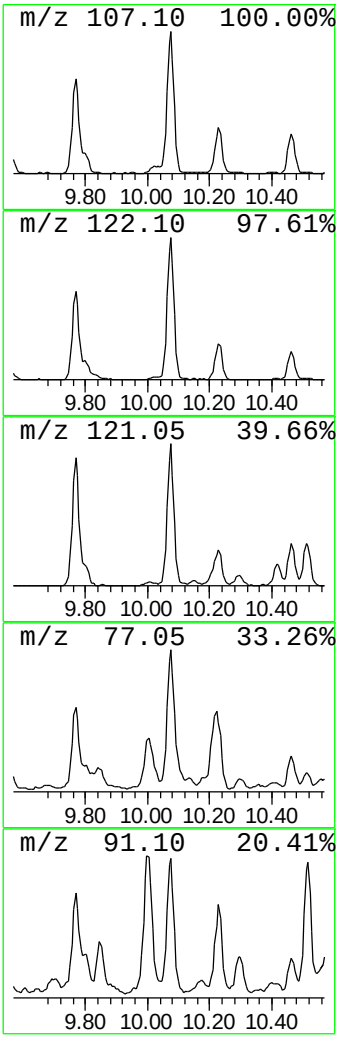
Peak Number 18 Phenol, 3,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.07	6.15 ng/ul	957366	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	96
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	94
3	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	91
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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Quant Title : SVOA CALIBRATION

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

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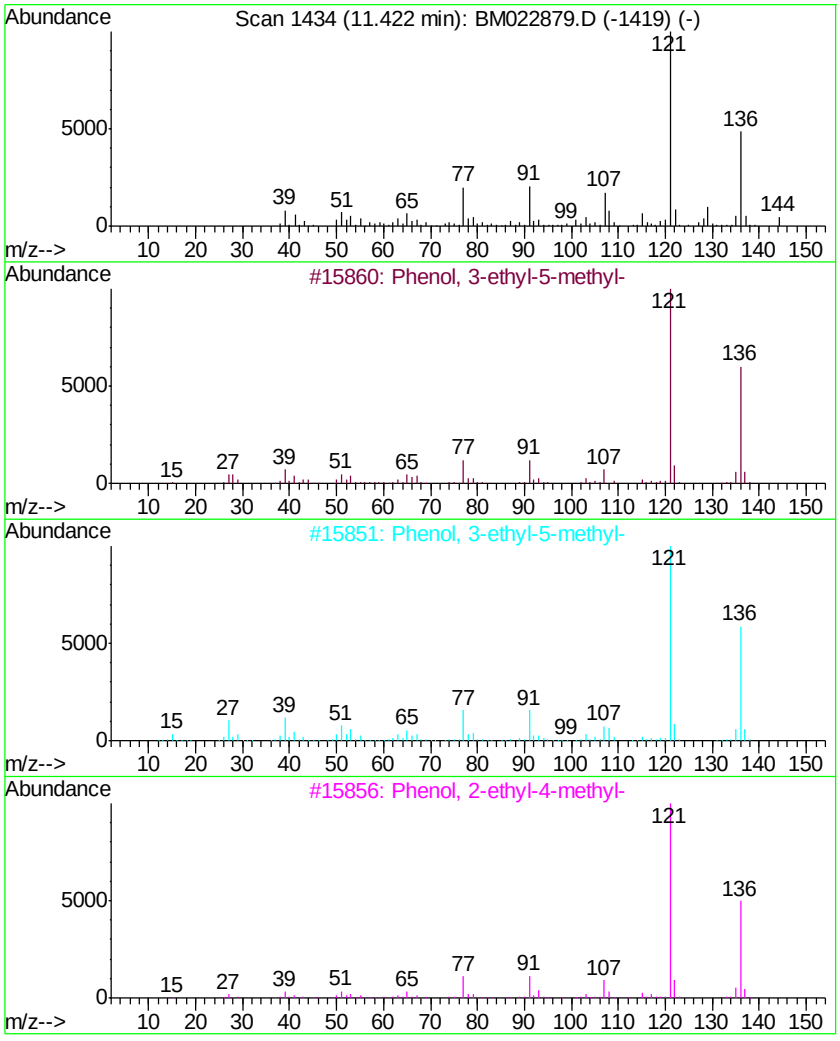
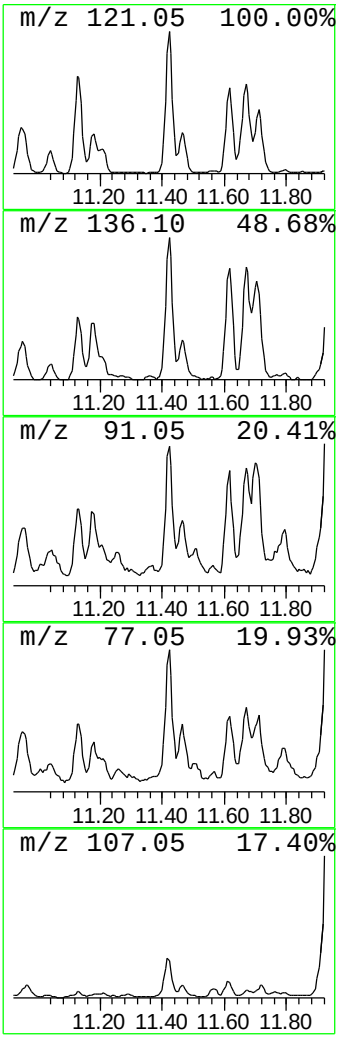
Peak Number 19 Phenol, 3-ethyl-5-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	3.13 ng/ul	487082	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
2	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	90
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	87
4	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	87
5	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	80





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Data File : BM022879.D
Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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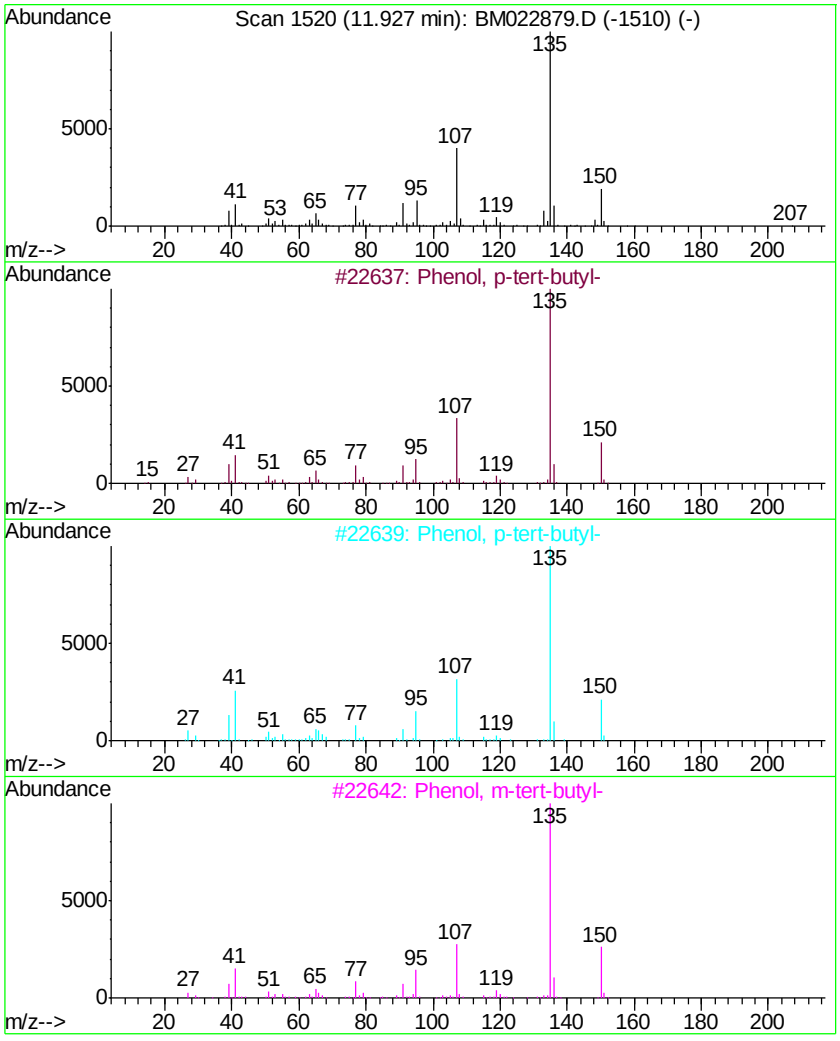
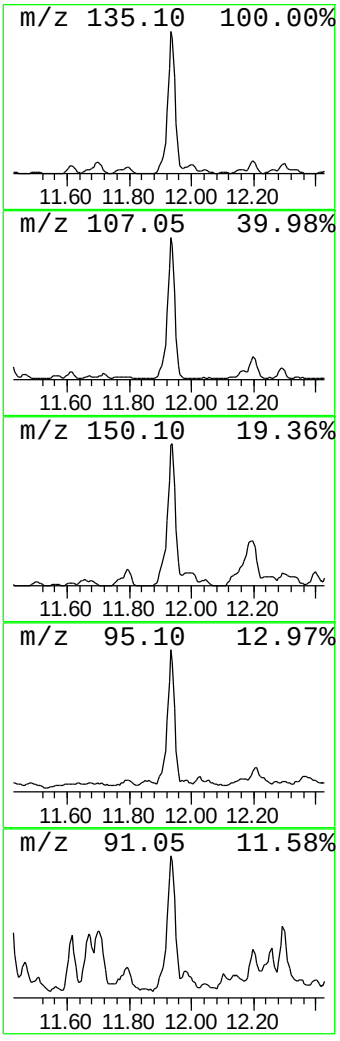
Peak Number 20 Phenol, p-tert-butyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	7.15 ng/ul	1112210	Naphthalene-d8	10.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	96
2	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	94
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	93
4	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	91
5	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	87





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Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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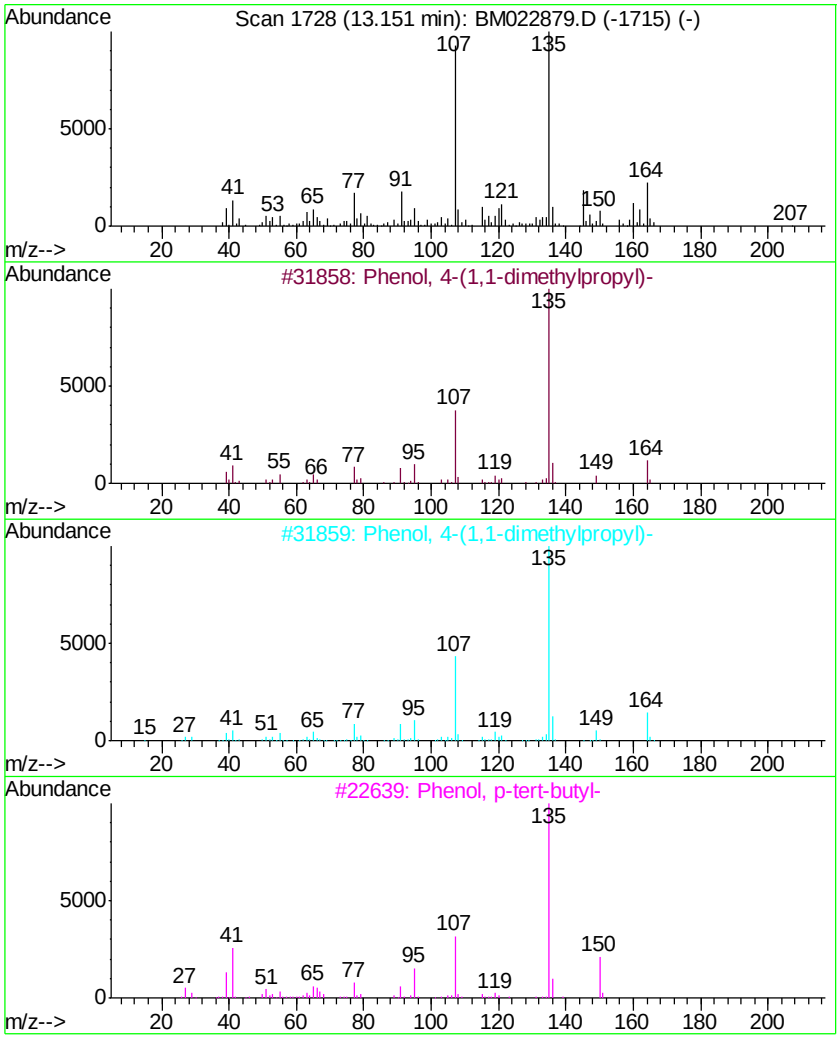
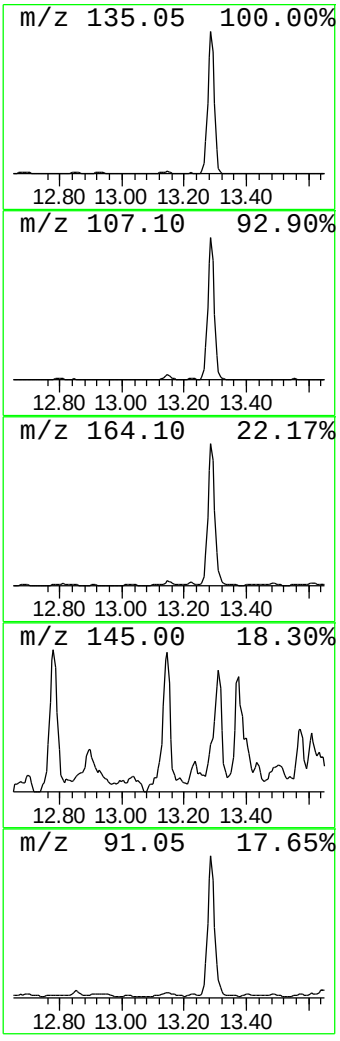
Peak Number 21 Phenol, 4-(1,1-dimethylprop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	2.67 ng/ul	612706	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	74
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	64
3	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	43
4	Benzene, 1-methoxy-4-(1-methylpr...	164	C11H16O	004917-90-2	38
5	1-(4-Hydroxymethylphenyl)ethanone	150	C9H10O2	075633-63-5	35





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Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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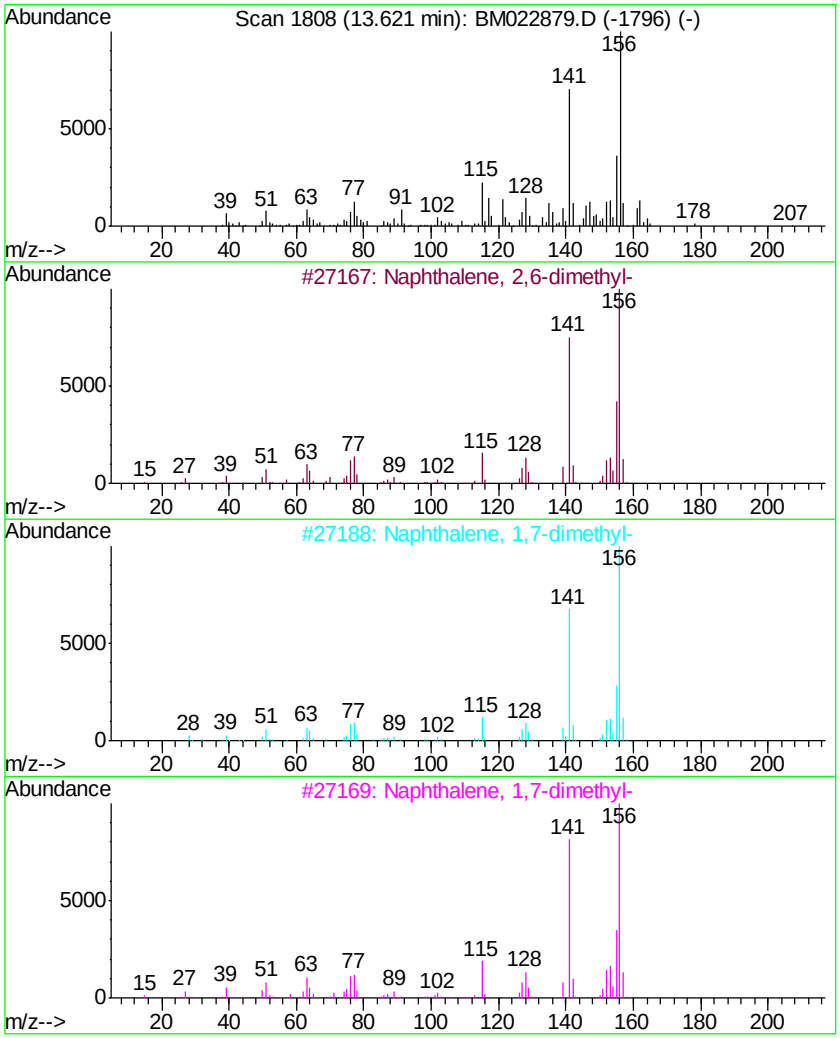
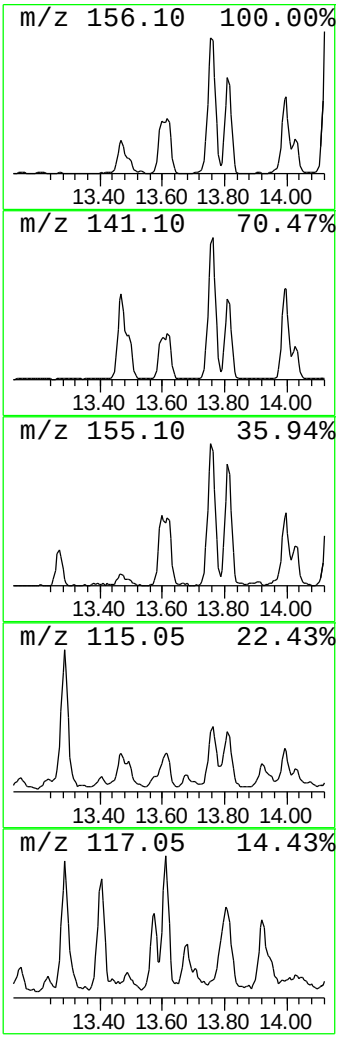
Peak Number 22 Naphthalene, 2,6-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.62	3.32 ng/ul	760668	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96





Library Search Compound Report

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Data File : BM022879.D
Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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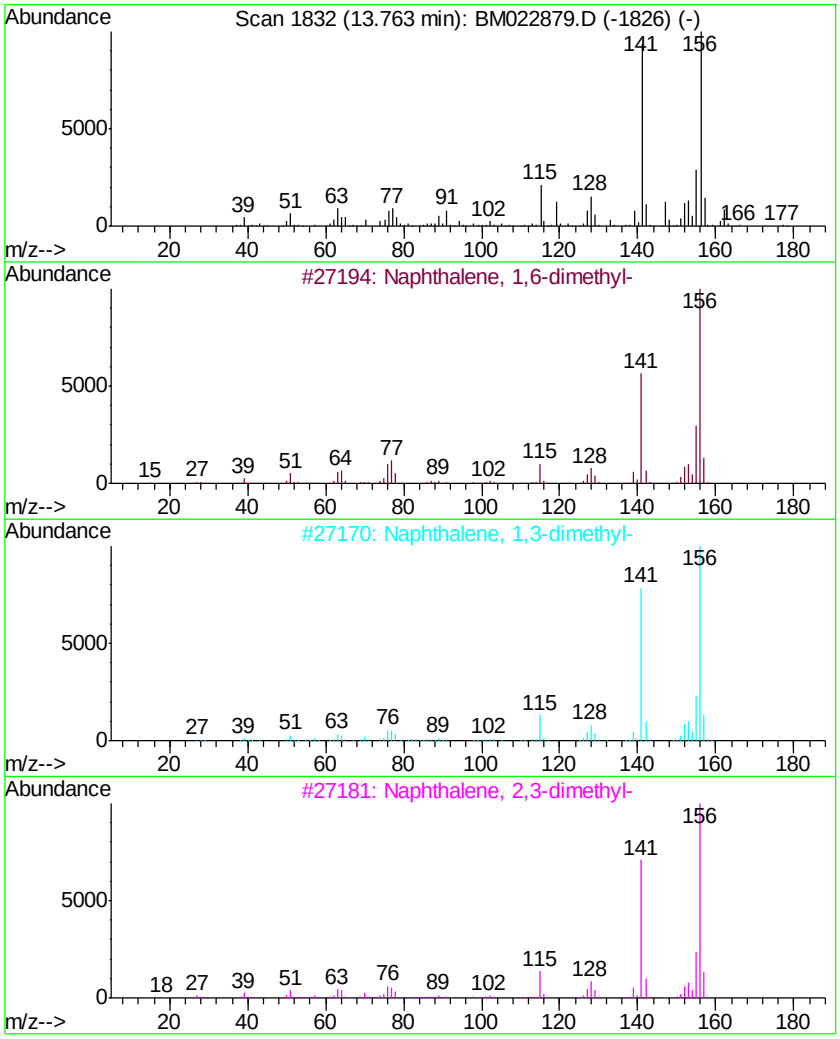
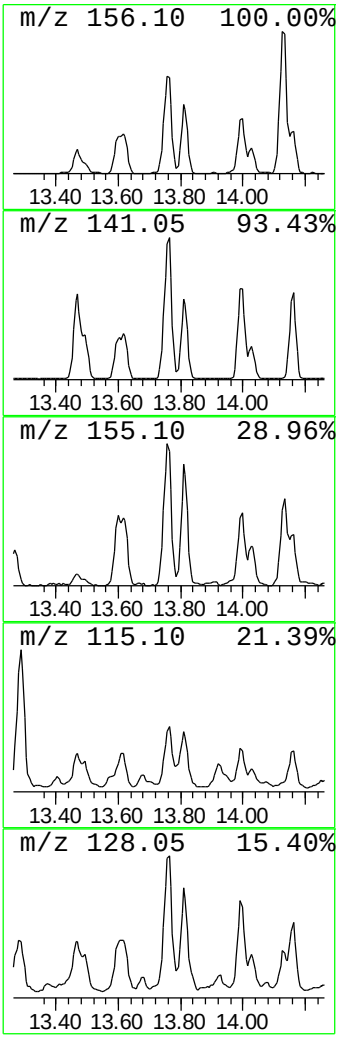
Peak Number 23 Naphthalene, 1,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.76	3.98 ng/ul	912014	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	96





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Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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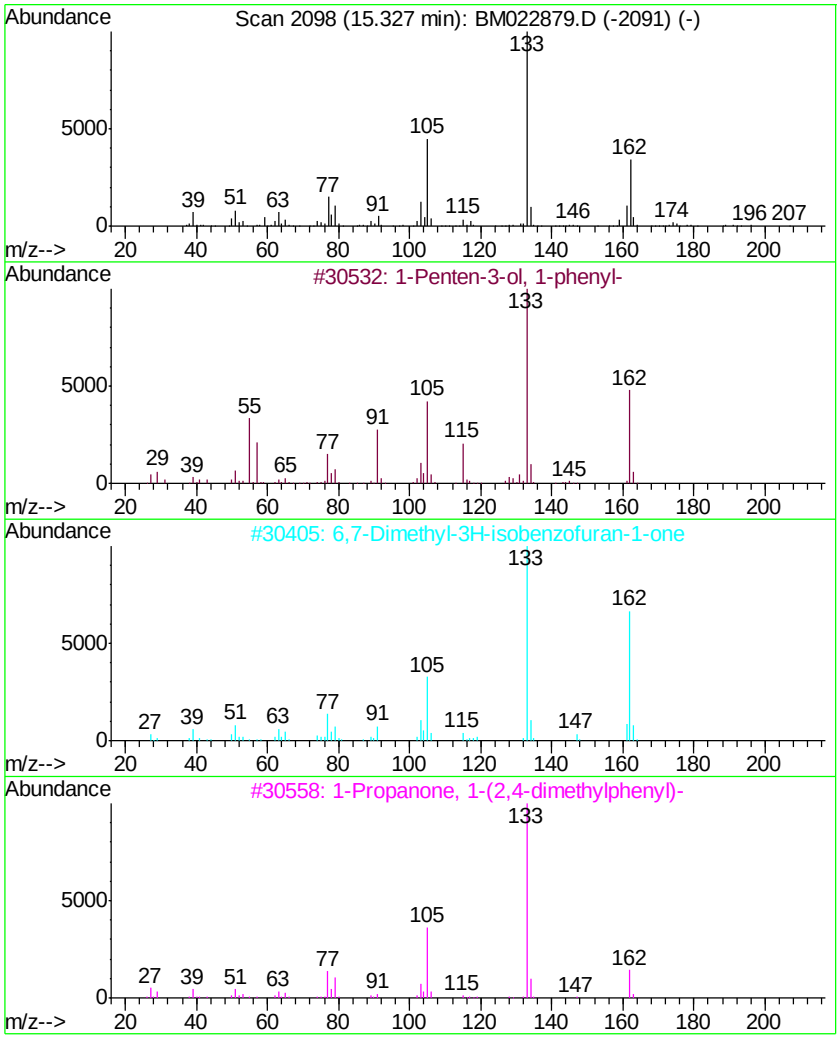
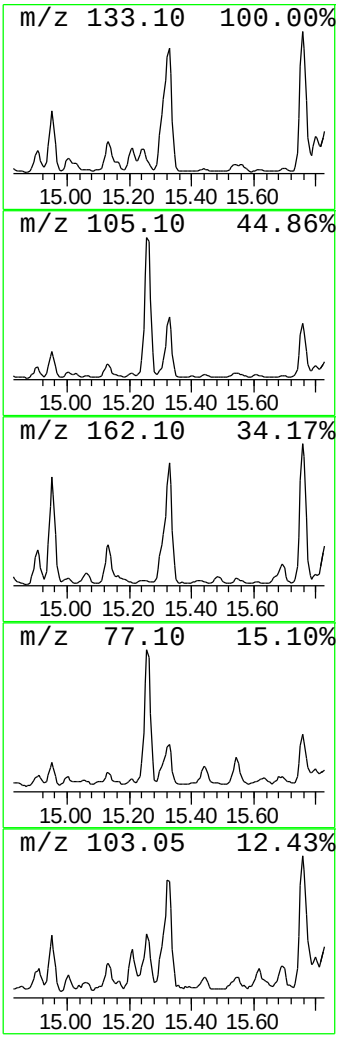
Peak Number 24 1-Penten-3-ol, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.33	3.25 ng/ul	745556	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Penten-3-ol, 1-phenyl-	162	C11H14O	034862-94-7	87
2	6,7-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	343852-50-6	87
3	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	72
4	Benzene, 1,3,5-triethyl-	162	C12H18	000102-25-0	72
5	1-Propanone, 1-(2,4-dimethylphen...	176	C12H16O	023351-72-6	68





Library Search Compound Report

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Data File : BM022879.D
Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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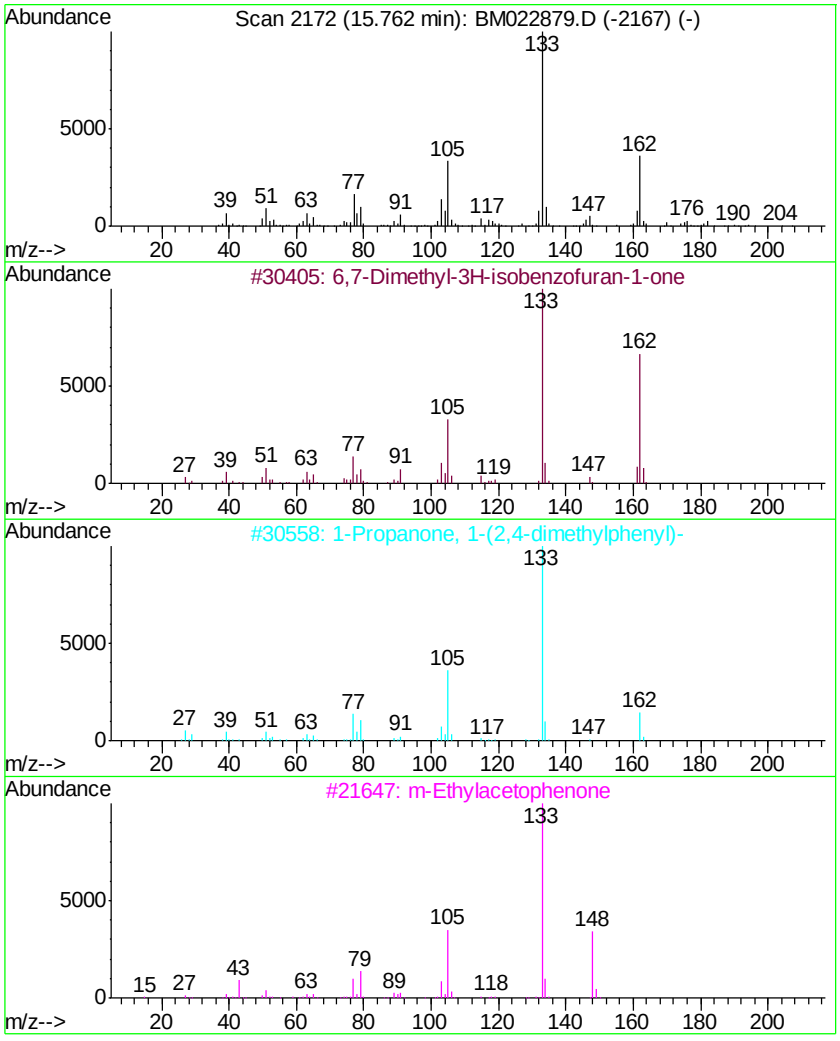
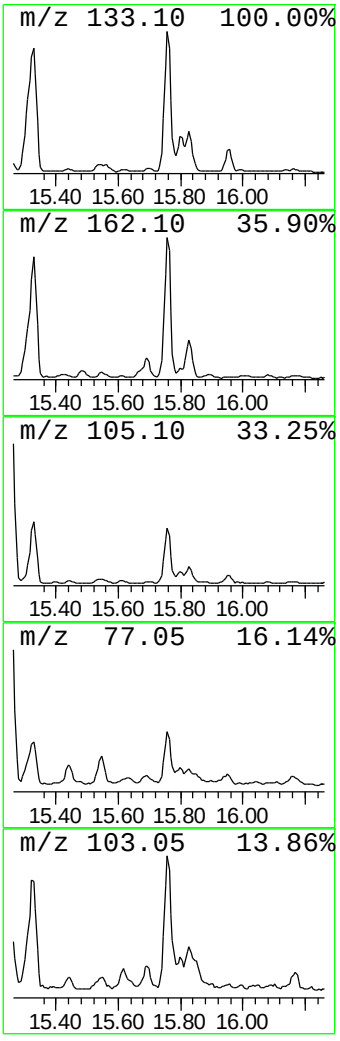
Peak Number 25 6,7-Dimethyl-3H-isobenzofur... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.76	3.43 ng/ul	785806	Acenaphthene-d10	14.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6,7-Dimethyl-3H-isobenzofuran-1-one	162	C10H10O2	343852-50-6	91
2	1-Propanone, 1-(2,4-dimethylphen...	162	C11H14O	035031-55-1	83
3	m-Ethylacetophenone	148	C10H12O	022699-70-3	59
4	1H-Indole, 2,3-dihydro-4-methyl-	133	C9H11N	062108-16-1	58
5	1-Propanone, 2-chloro-1-(2,4-dim...	210	C12H15ClO	054965-53-6	53





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Operator : JU
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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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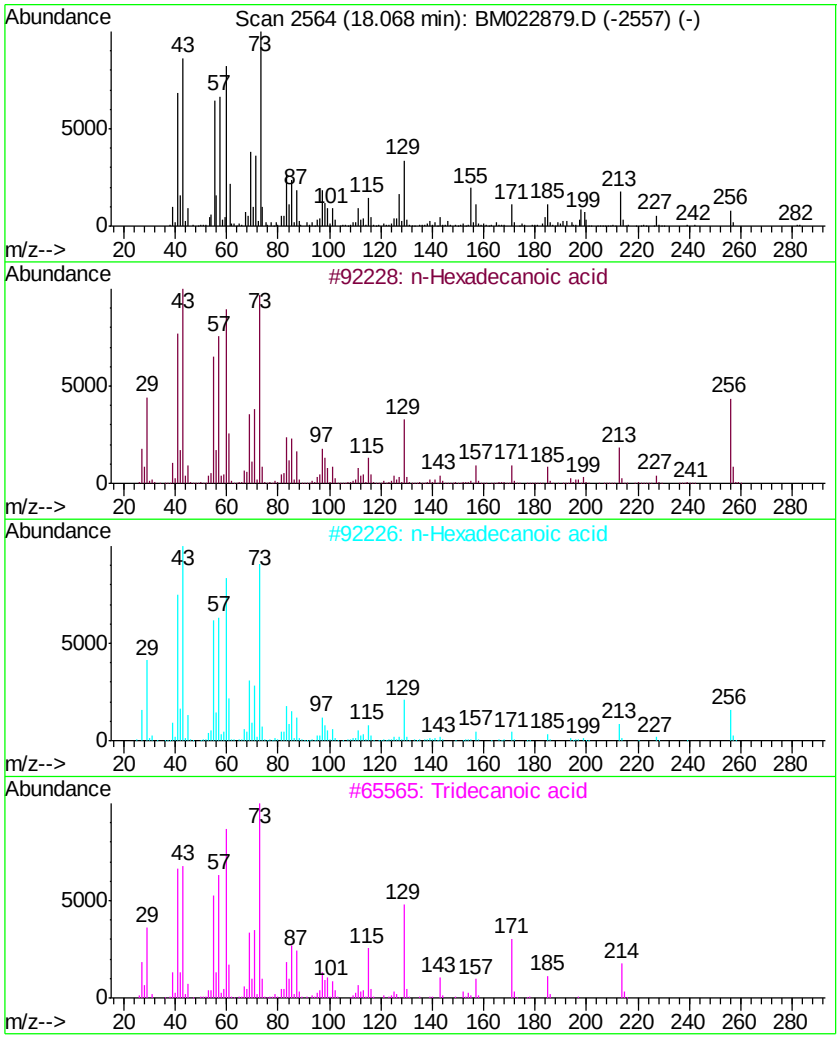
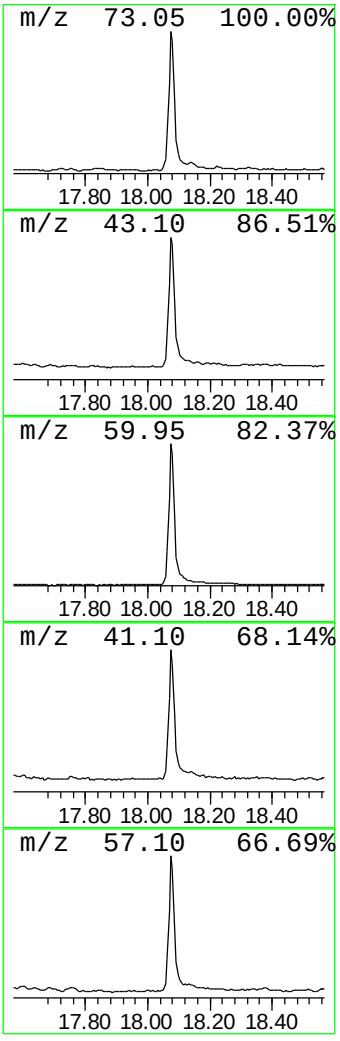
Peak Number 26 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	7.60 ng/ul	1560050	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	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
5	Tridecanoic acid	214	C13H26O2	000638-53-9	91





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Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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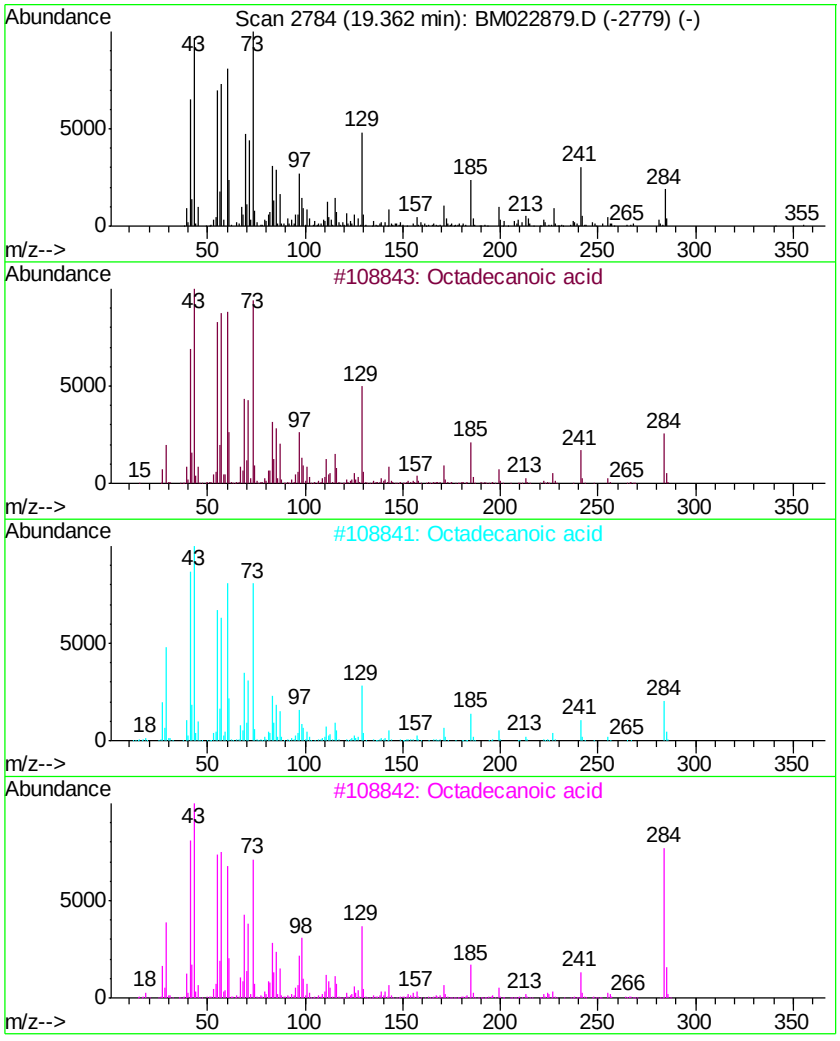
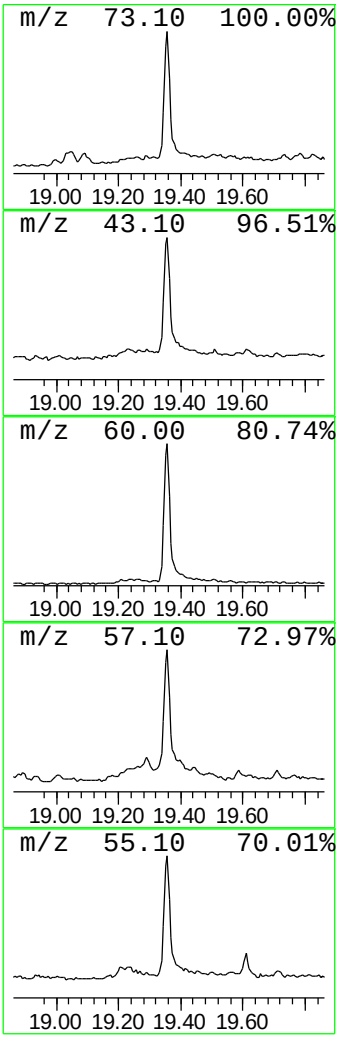
Peak Number 27 Octadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	4.07 ng/ul	685735	Chrysene-d12	21.36

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	99
3	Octadecanoic acid	284	C18H36O2	000057-11-4	93
4	Octadecanoic acid	284	C18H36O2	000057-11-4	93
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	87





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Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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 Triphenyl phosphate Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.79	5.09 ng/ul	857235	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenyl phosphate	326	C18H15O4P	000115-86-6	99
2	Triphenyl phosphate	326	C18H15O4P	000115-86-6	99
3	Triphenyl phosphate	326	C18H15O4P	000115-86-6	97
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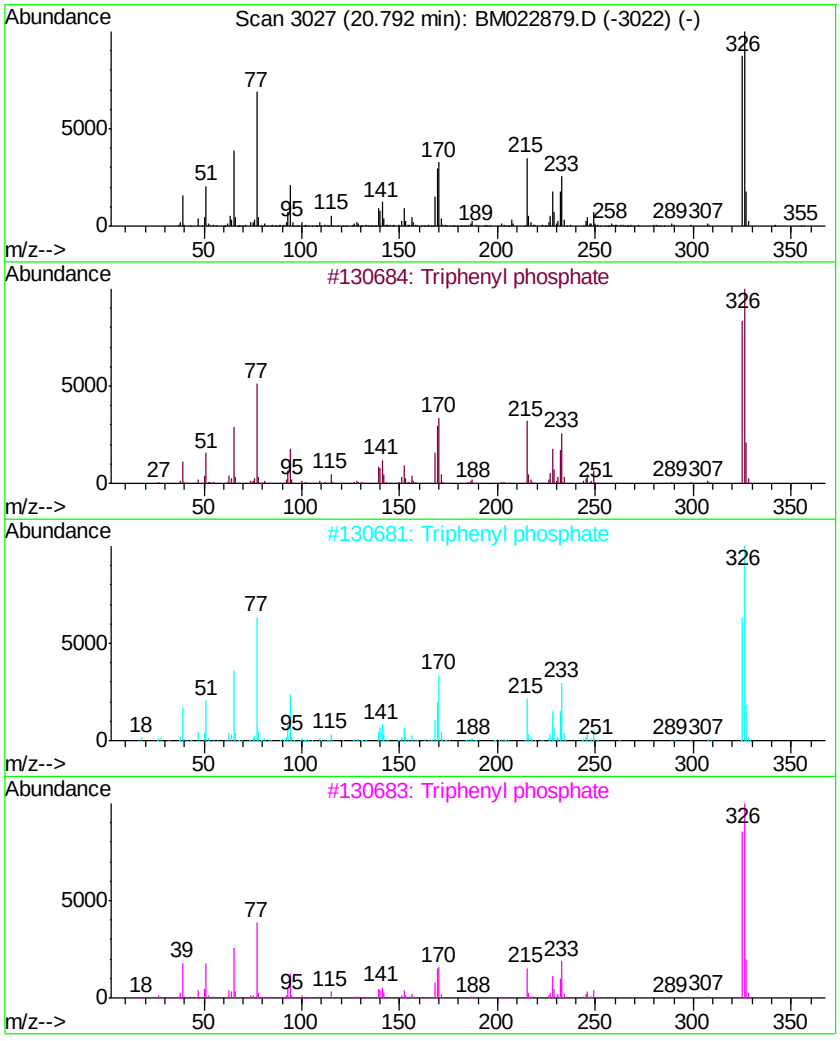
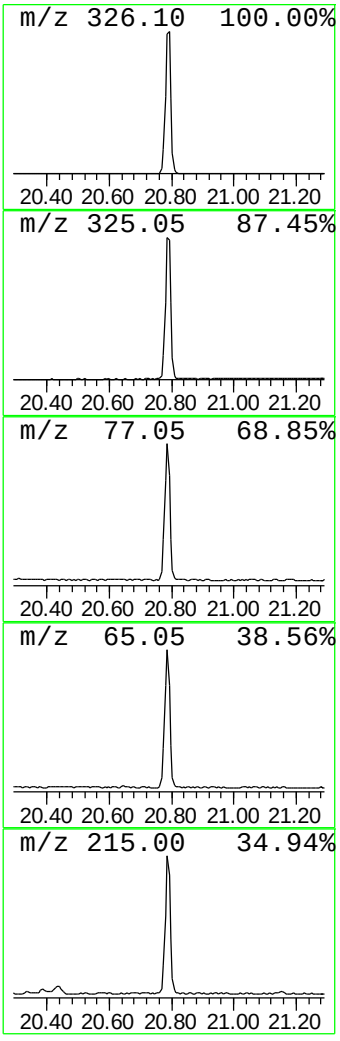
5	Triphenyl phosphate	326	C18H15O4P	000115-86-6	64





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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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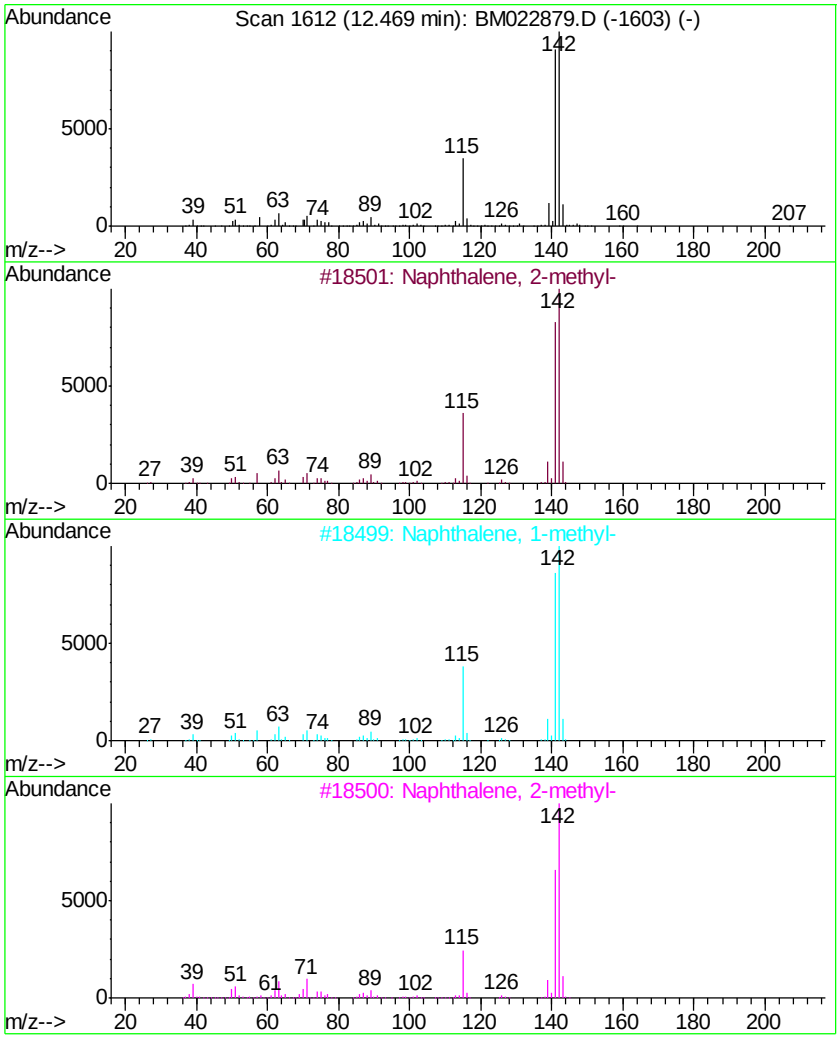
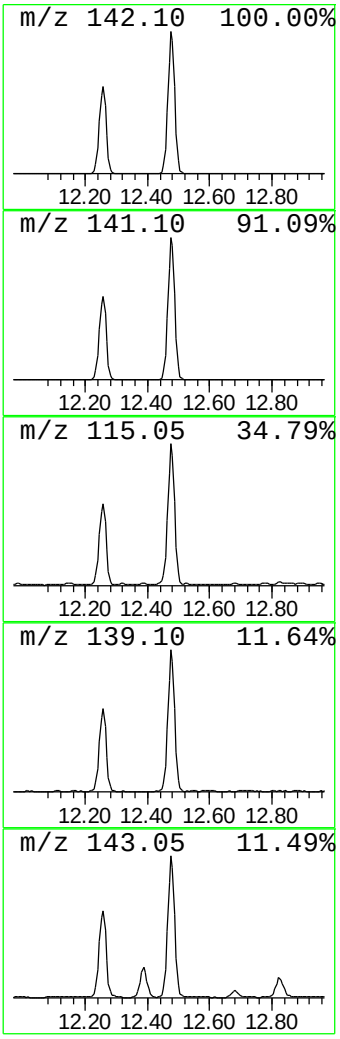
Peak Number 29 Naphthalene, 1-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	22.01 ng/ul	3425580	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





Tentatively Identified Compound (LSC) summary

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Data File : BM022879.D
Acq On : 02 Oct 2019 06:47
Operator : JU
Sample : K4932-12
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDK0

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	3.6	ng/ul	334711	1	7.80	1866040	20.0
Acetic acid, 2-me...	3.99	2.1	ng/ul	198565	1	7.80	1866040	20.0
Propanoic acid, 2...	4.27	7.6	ng/ul	710596	1	7.80	1866040	20.0
Propanoic acid, p...	4.45	11.6	ng/ul	1085320	1	7.80	1866040	20.0
Butanoic acid, 1-...	4.90	13.7	ng/ul	1276010	1	7.80	1866040	20.0
p-Xylene	5.45	3.5	ng/ul	330948	1	7.80	1866040	20.0
o-Xylene	5.82	2.5	ng/ul	237369	1	7.80	1866040	20.0
Benzene, (1-methy...	6.30	2.0	ng/ul	187007	1	7.80	1866040	20.0
Benzene, propyl-	6.79	4.1	ng/ul	380087	1	7.80	1866040	20.0
Benzene, 1,2,3-tr...	7.46	5.2	ng/ul	488014	1	7.80	1866040	20.0
Benzene, 1,3,5-tr...	7.92	3.2	ng/ul	296550	1	7.80	1866040	20.0
Indane	8.17	7.2	ng/ul	675212	1	7.80	1866040	20.0
Indene	8.34	3.2	ng/ul	302266	1	7.80	1866040	20.0
Benzene, 2-ethyl-...	8.44	2.5	ng/ul	237645	1	7.80	1866040	20.0
unknown-01	10.00	6.3	ng/ul	982836	2	10.59	3112850	20.0
Phenol, 3,5-dimet...	10.07	6.2	ng/ul	957366	2	10.59	3112850	20.0
Phenol, 3-ethyl-5...	11.42	3.1	ng/ul	487082	2	10.59	3112850	20.0
Phenol, p-tert-bu...	11.93	7.2	ng/ul	1112210	2	10.59	3112850	20.0
Phenol, 4-(1,1-di...	13.15	2.7	ng/ul	612706	3	14.44	4588110	20.0
Naphthalene, 2,6-...	13.62	3.3	ng/ul	760668	3	14.44	4588110	20.0
Naphthalene, 1,6-...	13.76	4.0	ng/ul	912014	3	14.44	4588110	20.0
1-Penten-3-ol, 1-...	15.33	3.3	ng/ul	745556	3	14.44	4588110	20.0
6,7-Dimethyl-3H-i...	15.76	3.4	ng/ul	785806	3	14.44	4588110	20.0
n-Hexadecanoic acid	18.07	7.6	ng/ul	1560050	4	17.17	4106040	20.0
Octadecanoic acid	19.36	4.1	ng/ul	685735	5	21.36	3367890	20.0
Triphenyl phosphate	20.79	5.1	ng/ul	857235	5	21.36	3367890	20.0
Naphthalene, 1-me...	12.47	22.0	ng/ul	3425580	2	10.59	3112850	20.0