LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022859.D
Acq On : 01 Oct 2019 18:02
Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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	3.075	13	15	25	rVB	28335	42508	0.69%	0.058%
2	3.164	27	30	39	rVB	30519	49879	0.80%	0.068%
3	3.275	45	49	50	rBV	56051	66357	1.07%	0.090%
4	3.305	50	54	68	rVB	1757401	2404305	38.76%	3.273%
5	3.669	112	116	122	rVV	63858	88224	1.42%	0.120%
6	3.728	122	126	133	rVV	179621	236587	3.81%	0.322%
7	4.005	166	173	185	rVB2	195203	359468	5.79%	0.489%
8	4.152	194	198	207	rVB	28908	40425	0.65%	0.055%
9	4.269	213	218	226	rBV	417557	549930	8.86%	0.749%
10	4.340	226	230	243	rVV2	52311	88251	1.42%	0.120%
11	4.446	243	248	256	rVV	591509	794443	12.81%	1.082%
12	4.516	256	260	271	rVB	34902	68181	1.10%	0.093%
13	4.899	315	325	335	rBV	698132	980513	15.81%	1.335%
14	5.322	391	397	405	rVV	133030	201754	3.25%	0.275%
15	5.399	405	410	414	rVV	26311	37468	0.60%	0.051%
16	5.458	414	420	434	rVB	366101	745226	12.01%	1.015%
17	5.763	467	472	477	rBV	110660	152041	2.45%	0.207%
18	5.822	477	482	489	rVB	319832	479971	7.74%	0.653%
19	6.793	640	647	659	rBV2	69087	120968	1.95%	0.165%
20	6.899	659	665	670	rVV	238892	345475	5.57%	0.470%
21	6.963	670	676	684	rVV3	310834	589907	9.51%	0.803%
22	7.034	684	688	695	rVB	174211	256685	4.14%	0.349%
23	7.134	698	705	712	rBV	575210	912332	14.71%	1.242%
24	7.199	712	716	723	rVB	149296	222776	3.59%	0.303%
25	7.334	732	739	749	rVB	668075	1059268	17.08%	1.442%
26	7.457	749	760	767	rVB	608425	921087	14.85%	1.254%
27	7.804	812	819	824	rBV	726491	1146009	18.47%	1.560%
28	7.869	828	830	834	rVV	31400	48483	0.78%	0.066%
29	7.922	834	839	847	rVB	261200	414134	6.68%	0.564%
30	8.175	874	882	889	rVB2	124273	276464	4.46%	0.376%
31	8.304	898	904	909	rBV2	156293	263951	4.25%	0.359%
32	8.352	909	912	921	rVB3	57952	104135	1.68%	0.142%
33	8.446	922	928	932	rVV2	122389	185481	2.99%	0.253%
34	8.504	932	938	946	rVV	612809	978371	15.77%	1.332%

LSC Area Percent Report

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Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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	8.569	946	949	952	rVV2	24841	39634	0.64%	0.054%
36	8.610	952	956	965	rVB2	37404	69140	1.11%	0.094%
37	8.757	975	981	986	rBV	58775	91971	1.48%	0.125%
38	8.810	986	990	998	rVB	60070	88660	1.43%	0.121%
39	8.910	1000	1007	1010	rBV	133951	217866	3.51%	0.297%
40	8.957	1010	1015	1027	rVB	747778	1333708	21.50%	1.816%
41	9.240	1058	1063	1070	rVB2	37499	64005	1.03%	0.087%
42	9.434	1080	1096	1101	rBV	78548	141830	2.29%	0.193%
43	9.493	1101	1106	1114	rVB	133538	211873	3.42%	0.288%
44	9.675	1130	1137	1145	rBV	632216	1038724	16.74%	1.414%
45	9.769	1145	1153	1156	rBV2	44109	82868	1.34%	0.113%
46	9.804	1156	1159	1162	rVV3	43408	64970	1.05%	0.088%
47	9.851	1162	1167	1174	rVB	71588	112371	1.81%	0.153%
48	9.922	1174	1179	1183	rBV	53006	83732	1.35%	0.114%
49	9.998	1186	1192	1201	rVV3	194144	401238	6.47%	0.546%
50	10.075	1201	1205	1210	rVB3	50652	81550	1.31%	0.111%
51	10.216	1221	1229	1238	rVB	1027381	1815308	29.26%	2.471%
52	10.463	1266	1271	1276	rBV3	22208	45719	0.74%	0.062%
53	10.516	1276	1280	1283	rVV2	29500	45057	0.73%	0.061%
54	10.593	1283	1293	1298	rVV	1136208	1962842	31.64%	2.672%
55	10.645	1298	1302	1309	rVV	421726	693249	11.18%	0.944%
56	10.728	1309	1316	1327	rVV	844648	1533547	24.72%	2.088%
57	10.945	1348	1353	1361	rVB2	21991	47907	0.77%	0.065%
58	11.134	1378	1385	1391	rBV3	19586	42355	0.68%	0.058%
59	11.387	1422	1428	1431	rVV4	29805	50203	0.81%	0.068%
60	11.510	1444	1449	1454	rVV	32224	54491	0.88%	0.074%
61	11.704	1478	1482	1490	rVV2	35363	63422	1.02%	0.086%
62	11.934	1511	1521	1525	rBV2	38343	78765	1.27%	0.107%
63	12.151	1544	1558	1561	rBV8	27684	66783	1.08%	0.091%
64	12.257	1569	1576	1589	rVB	263201	428516	6.91%	0.583%
65	12.475	1601	1613	1619	rVB	203163	350248	5.65%	0.477%
66	12.551	1619	1626	1634	rVB8	21193	52575	0.85%	0.072%
67	12.722	1646	1655	1664	rBV	67610	136628	2.20%	0.186%
68	13.281	1745	1750	1755	rBV3	41854	60883	0.98%	0.083%
69	13.345	1755	1761	1769	rBV2	120620	233586	3.77%	0.318%
70	13.469	1778	1782	1790	rVB4	24532	55076	0.89%	0.075%
71	13.616	1800	1807	1811	rVV5	34846	77147	1.24%	0.105%

LSC Area Percent Report

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Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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	13.757	1826	1831	1837	rBV2	55676	105818	1.71%	0.144%
73	13.845	1837	1846	1851	rVV	2041597	2970949	47.89%	4.045%
74	13.892	1851	1854	1864	rVB	502031	656353	10.58%	0.894%
75	13.992	1866	1871	1875	rBV2	30664	55029	0.89%	0.075%
76	14.128	1885	1894	1906	rBV	2250668	3470119	55.94%	4.724%
77	14.439	1940	1947	1954	rVV	1882576	2808450	45.27%	3.823%
78	14.504	1954	1958	1963	rVB2	23701	42245	0.68%	0.058%
79	14.628	1973	1979	1986	rBV	250214	400485	6.46%	0.545%
80	14.863	2010	2019	2023	rBV3	117269	207121	3.34%	0.282%
81	15.204	2073	2077	2086	rBV2	48522	117844	1.90%	0.160%
82	15.433	2109	2116	2121	rBV	2989438	4409939	71.09%	6.004%
83	15.545	2129	2135	2141	rBV	1022324	1425032	22.97%	1.940%
84	15.669	2152	2156	2166	rVB3	47935	93675	1.51%	0.128%
85	16.216	2245	2249	2254	rBV2	25542	40774	0.66%	0.056%
86	16.410	2279	2282	2289	rBV2	26692	43306	0.70%	0.059%
87	17.174	2406	2412	2418	rBV2	2238011	3270466	52.72%	4.452%
88	17.274	2423	2429	2439	rBV	3594127	5104017	82.28%	6.949%
89	18.080	2560	2566	2584	rBV	644848	1082943	17.46%	1.474%
90	19.057	2729	2732	2737	rVB	46009	58740	0.95%	0.080%
91	19.204	2754	2757	2759	rBV	48914	52992	0.85%	0.072%
92	19.357	2779	2783	2793	rBV	267591	432908	6.98%	0.589%
93	19.568	2813	2819	2834	rBV	4576585	6203401	100.00%	8.445%
94	21.074	3071	3075	3082	rBV	638312	770416	12.42%	1.049%
95	21.357	3118	3123	3129	rBV	2844988	3458896	55.76%	4.709%
96	21.957	3222	3225	3234	rBV	134707	179326	2.89%	0.244%
97	22.427	3301	3305	3310	rVB	200100	257807	4.16%	0.351%
98	22.939	3389	3392	3398	rVB	241887	342827	5.53%	0.467%
99	23.480	3477	3484	3499	rVB	2596154	5241535	84.49%	7.136%
100	23.621	3502	3508	3520	rVB	1522474	2900432	46.76%	3.949%

Sum of corrected areas: 73453349

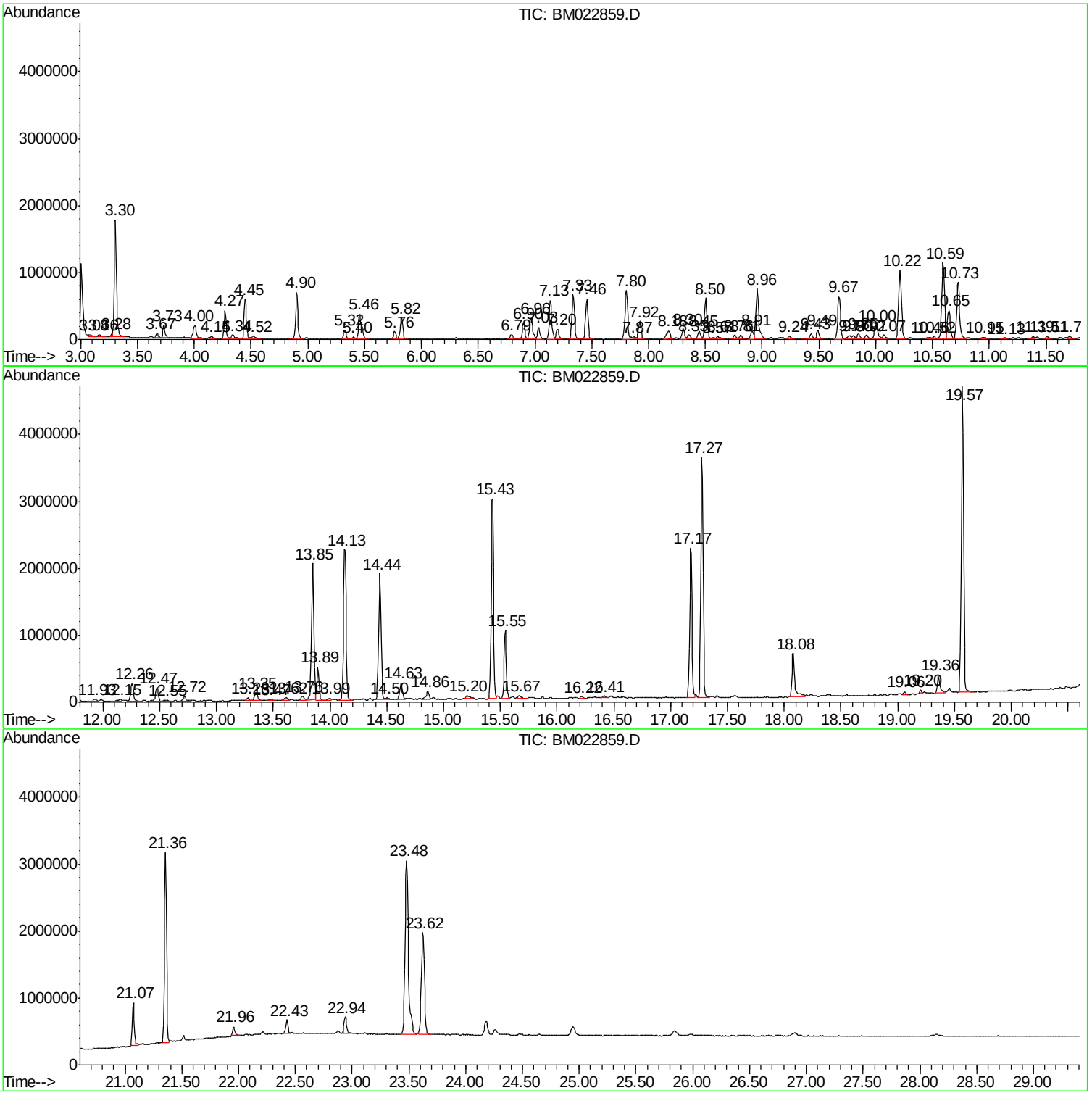
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022859.D
Acq On : 01 Oct 2019 18:02
Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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



Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
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Instrument : BNA_M
ClientSampleId : BFDF2

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

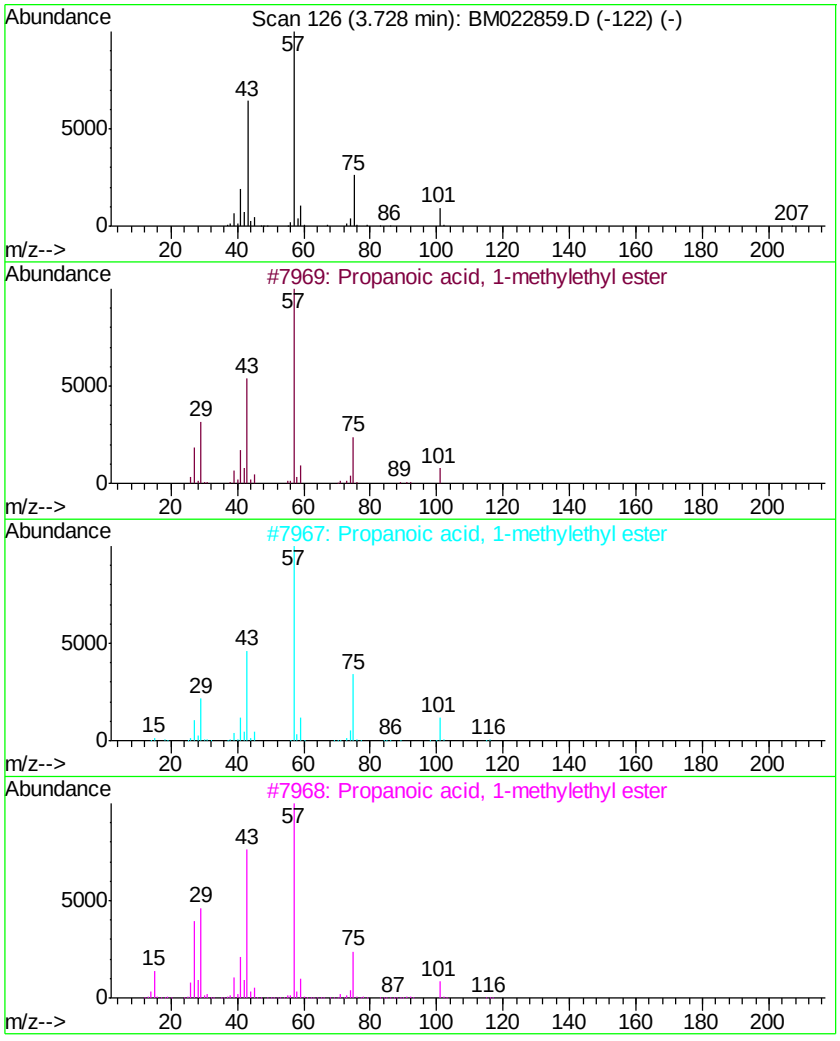
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

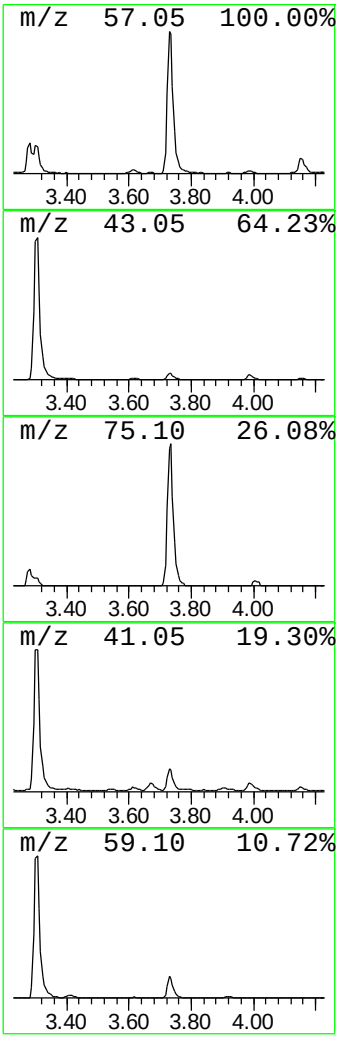
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.73	4.13 ng/ul	236587	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	78
3	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	74
4	Propanoic acid, 1-methylethyl ester	116	C6H12O2	000637-78-5	72
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022859.D
Acq On : 01 Oct 2019 18:02
Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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

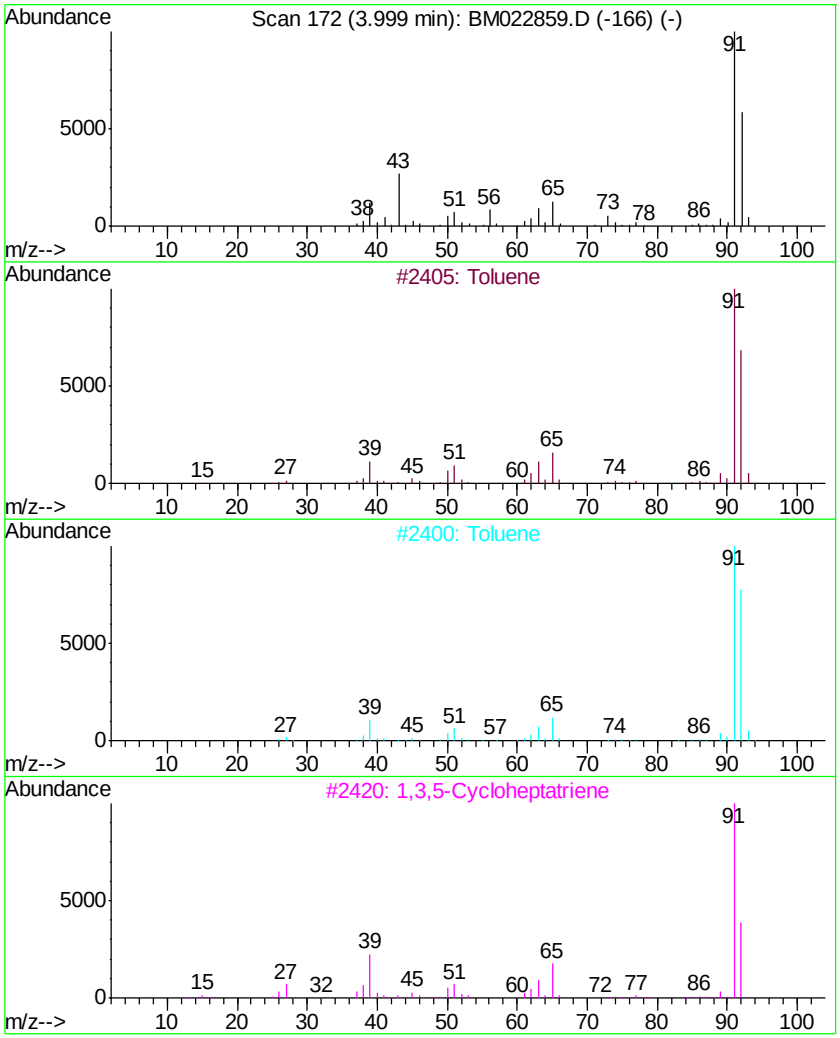
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

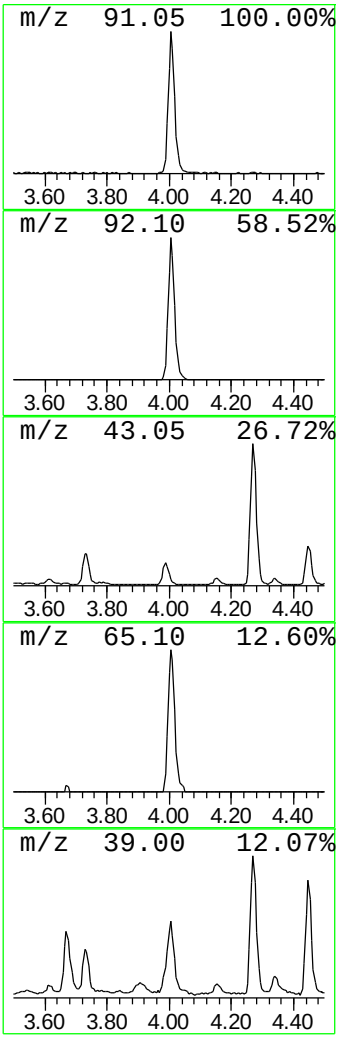
****

Peak Number 2 Toluene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.00	6.27 ng/ul	359468	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	94
3	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	90
4	Toluene	92	C7H8	000108-88-3	87
5	1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87





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ClientSampleId : BFDF2

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

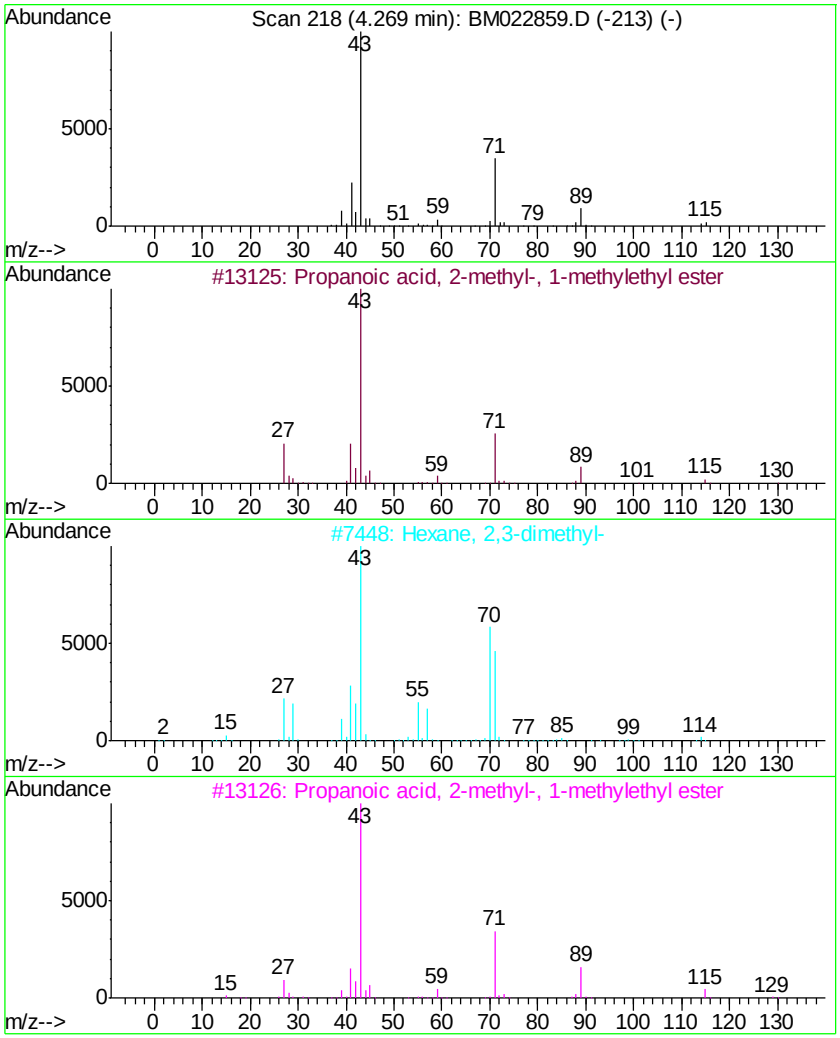
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

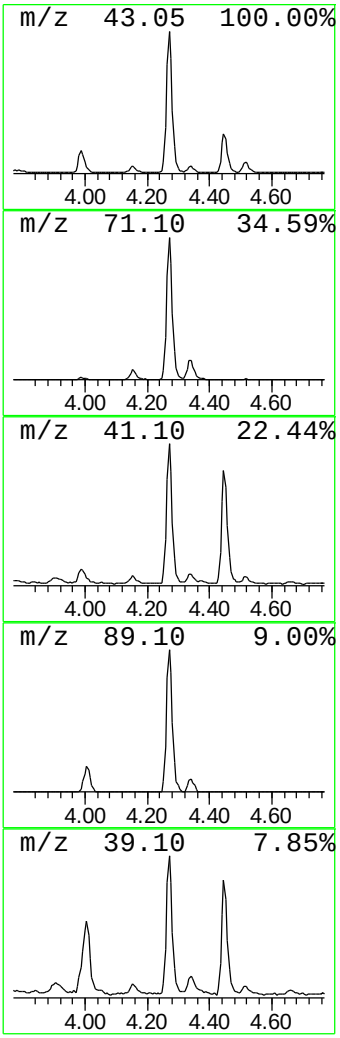
****

Peak Number 3 Propanoic acid, 2-methyl-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.27	9.60 ng/ul	549930	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	78
2	Hexane, 2,3-dimethyl-	114	C8H18	000584-94-1	53
3	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	50
4	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	45
5	Propanoic acid, 2-methyl-, penty...	158	C9H18O2	002445-72-9	38





Library Search Compound Report

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Data File : BM022859.D
Acq On : 01 Oct 2019 18:02
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Instrument : BNA_M
ClientSampleId : BFDF2

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

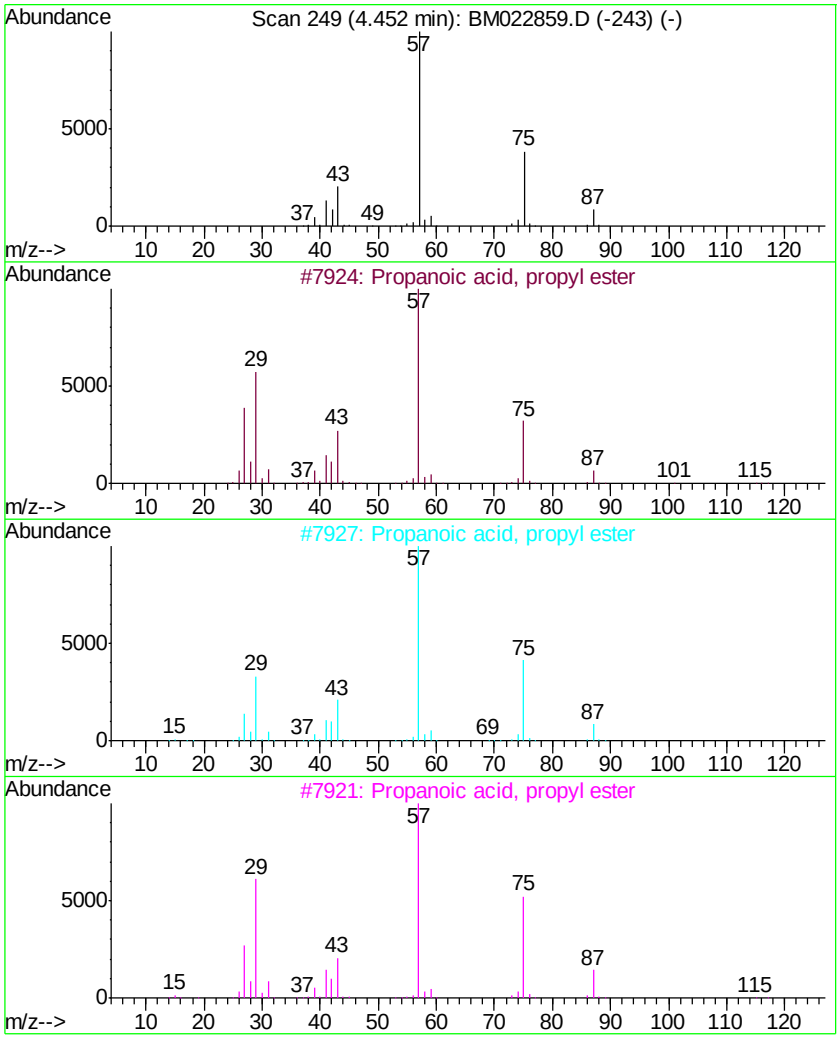
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

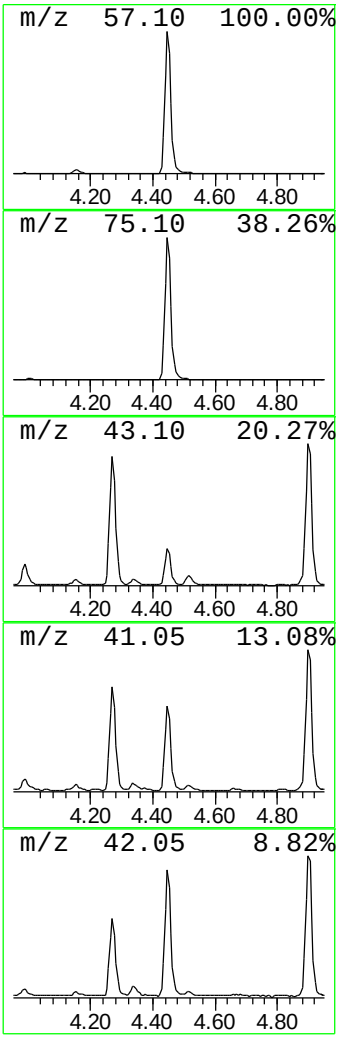
****

Peak Number 4 Propanoic acid, propyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.45	13.86 ng/ul	794443	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	74
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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Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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

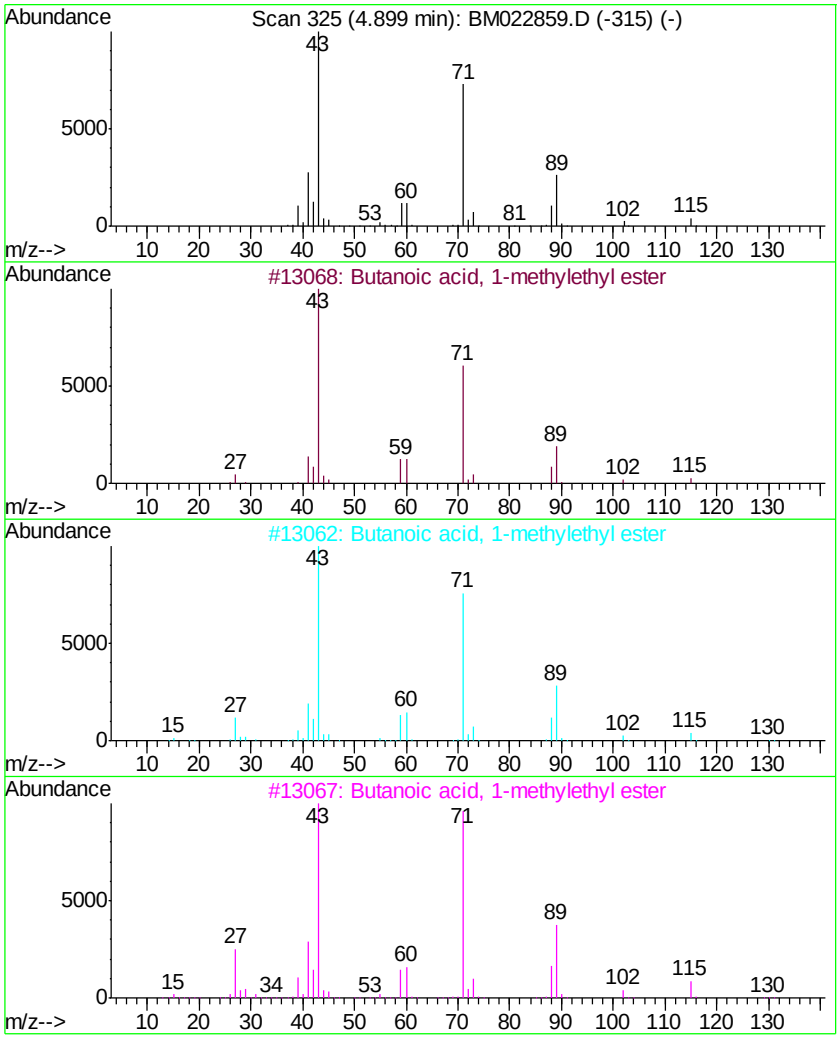
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

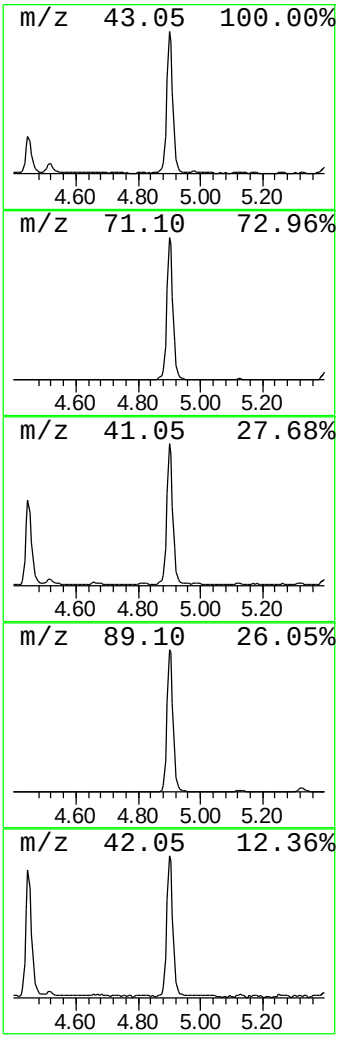
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	17.11 ng/ul	980513	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	78
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	78
5	Propanoic acid, 2-methyl-, 1-met...	130	C7H14O2	000617-50-5	72





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Acq On : 01 Oct 2019 18:02
Operator : JU
Sample : K4983-02
Misc :
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Instrument : BNA_M
ClientSampleId : BFDF2

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Quant Title : SVOA CALIBRATION

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

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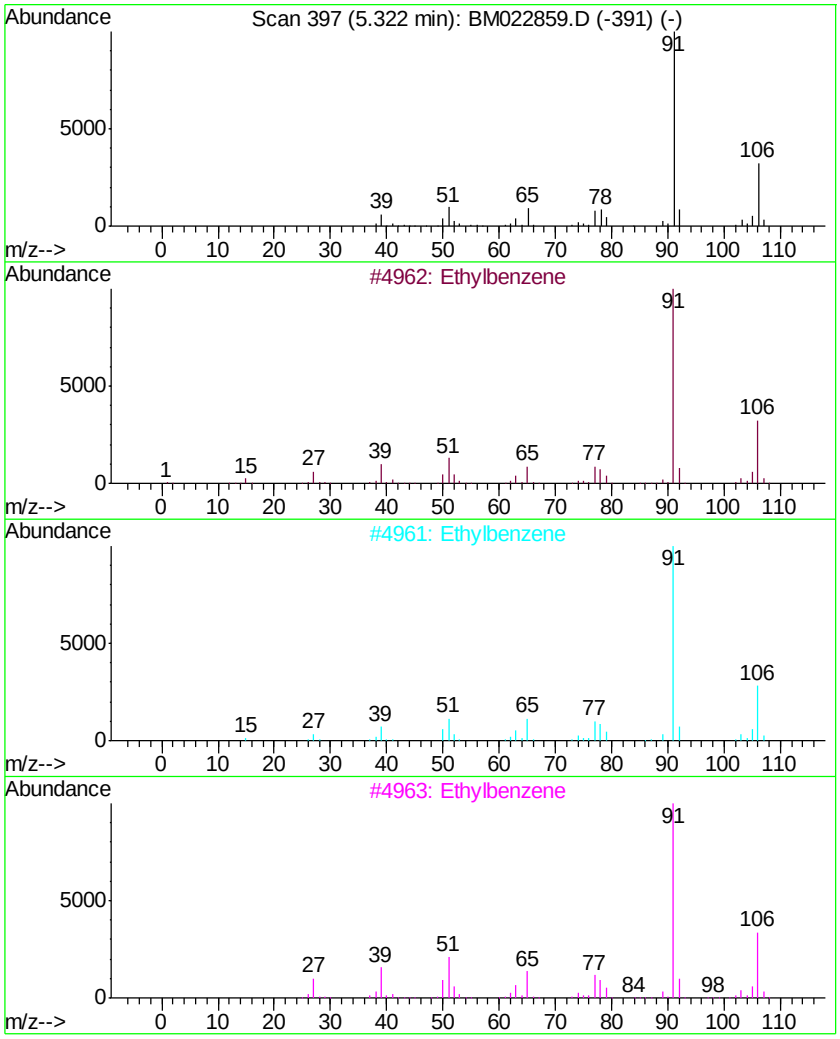
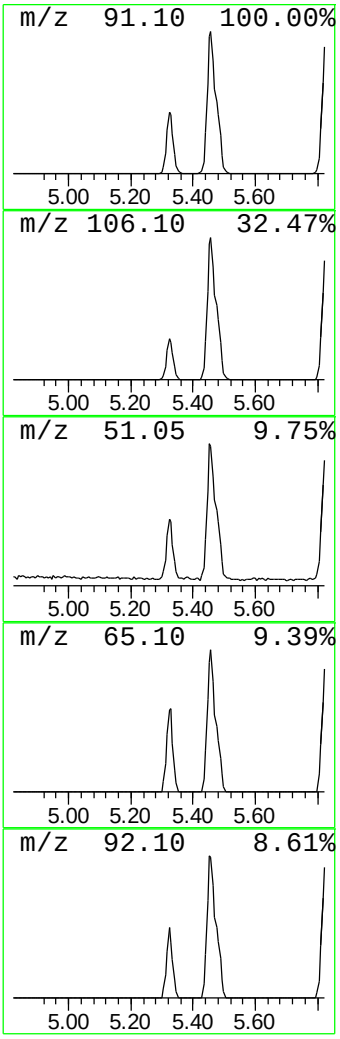
Peak Number 6 Ethylbenzene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.32	3.52 ng/ul	201754	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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	76





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ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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Quant Title : SVOA CALIBRATION

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

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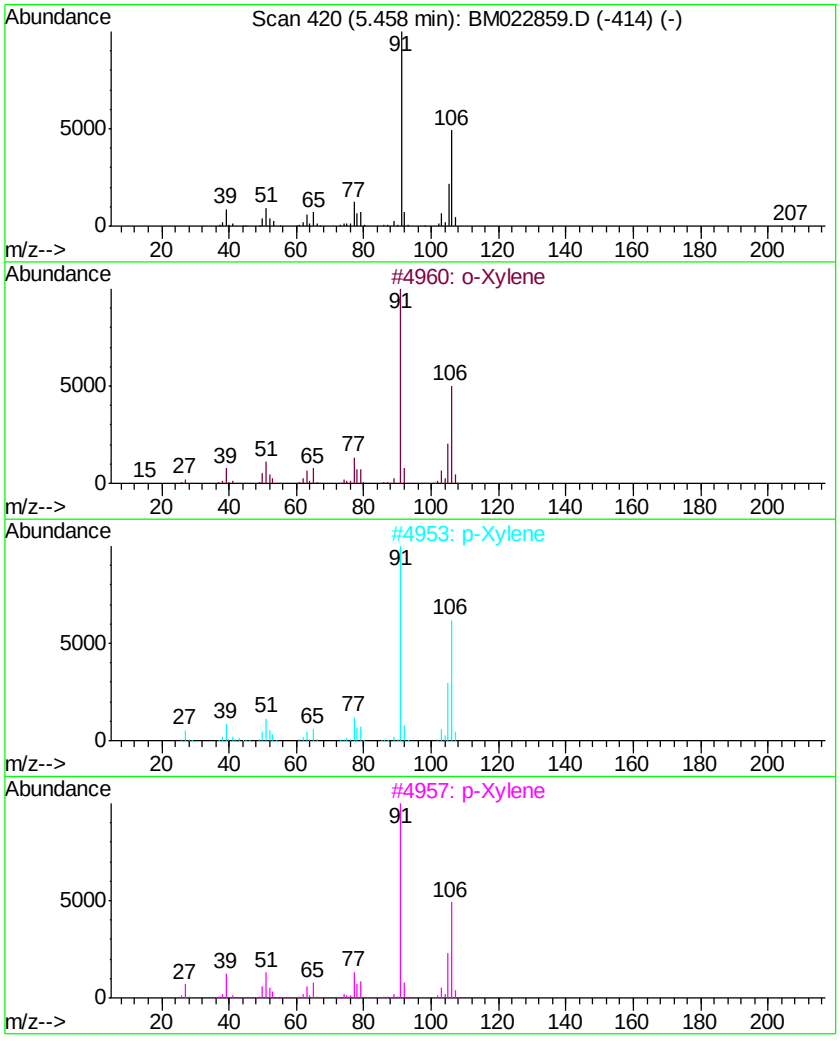
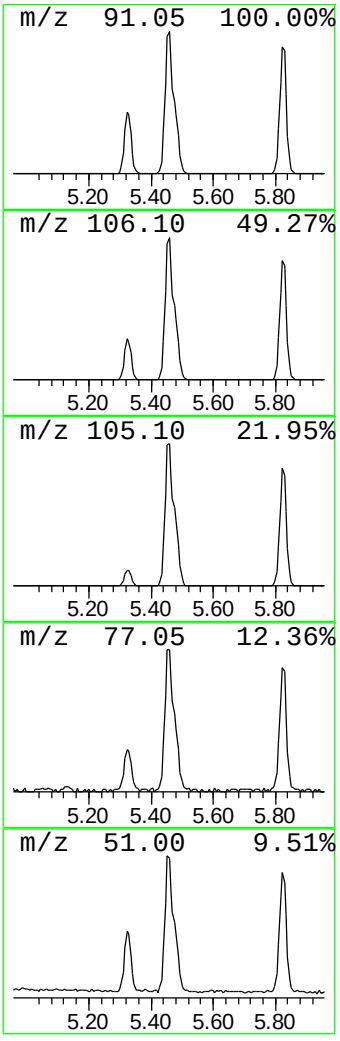
Peak Number 7 o-Xylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.46	13.01 ng/ul	745226	1,4-Dichlorobenzene-d4	7.80

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





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Quant Title : SVOA CALIBRATION

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

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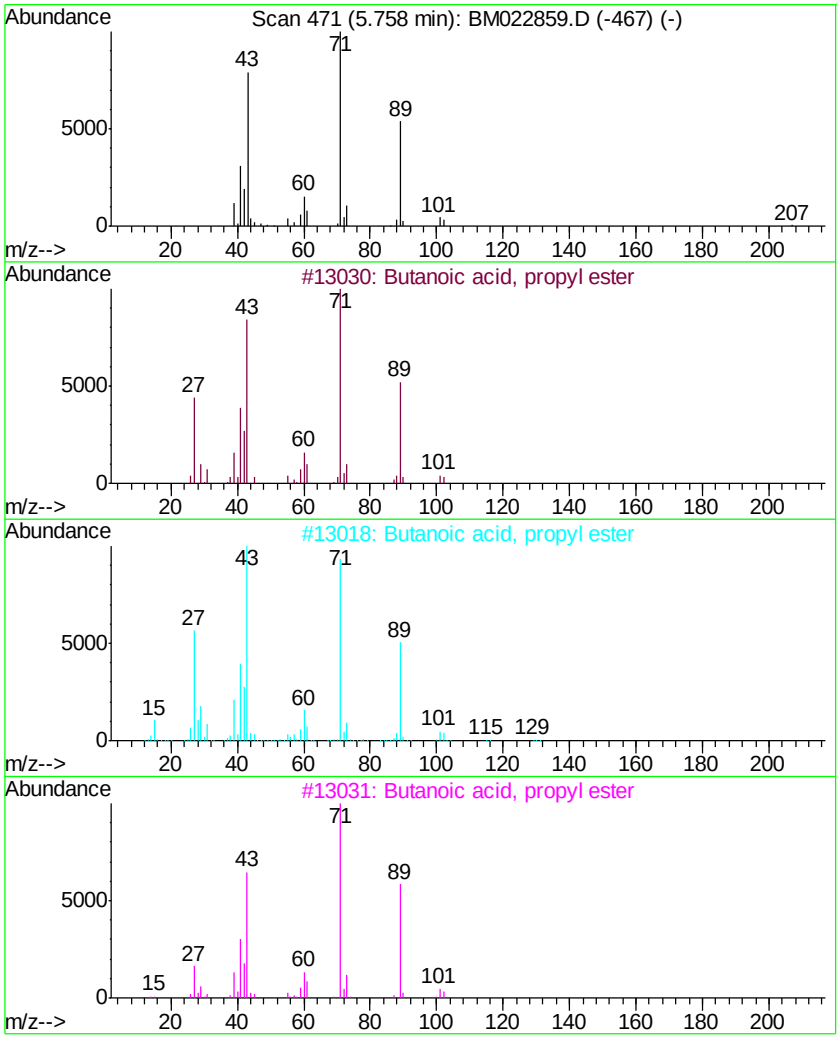
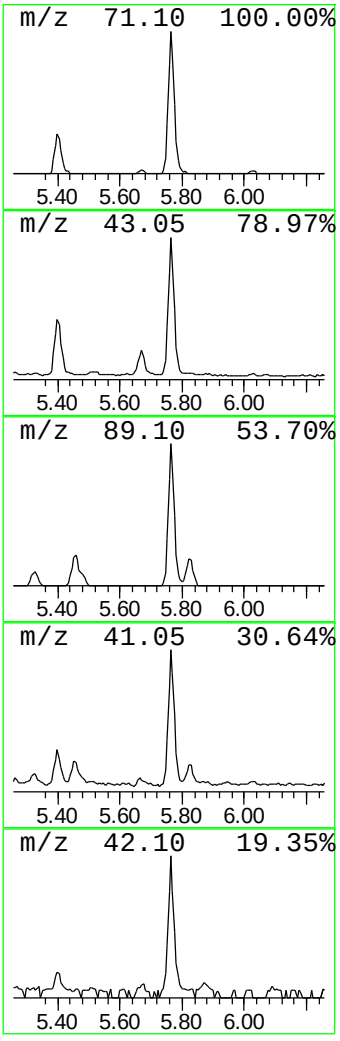
Peak Number 8 Butanoic acid, propyl ester Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.76	2.65 ng/ul	152041	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	90
2	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
3	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
4	Butanoic acid, propyl ester	130	C7H14O2	000105-66-8	90
5	Butanoic acid, octyl ester	200	C12H24O2	000110-39-4	78





Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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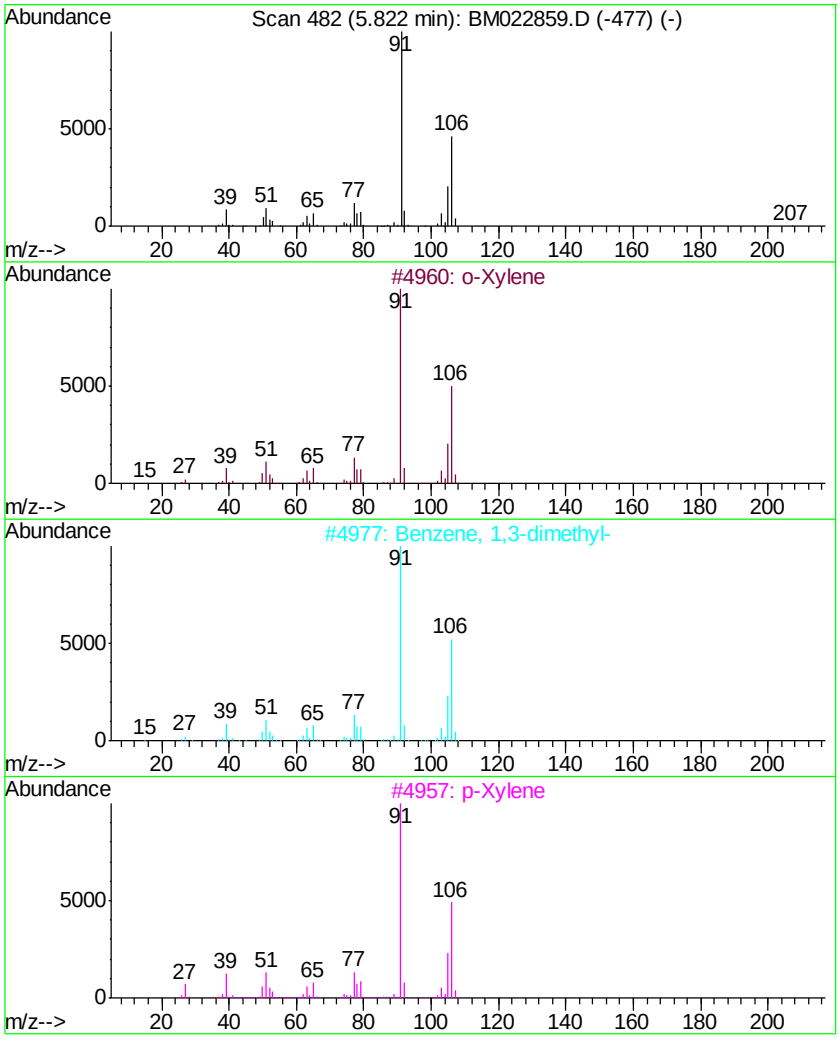
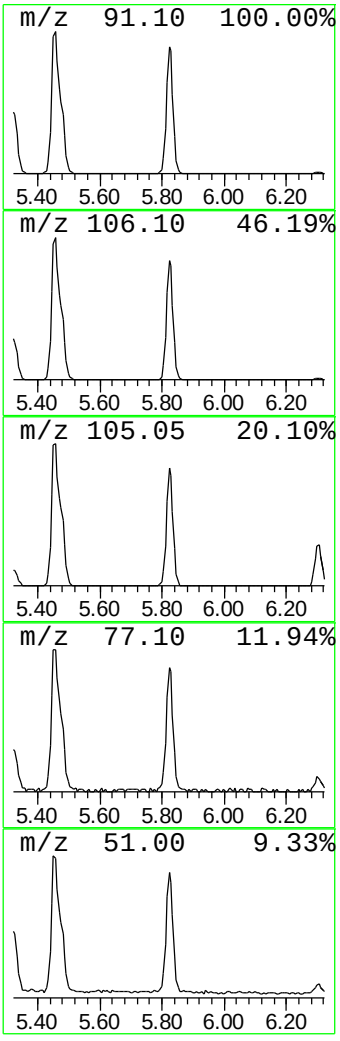
Peak Number 9 Benzene, 1,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.82	8.38 ng/ul	479971	1,4-Dichlorobenzene-d4	7.80

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





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Quant Title : SVOA CALIBRATION

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

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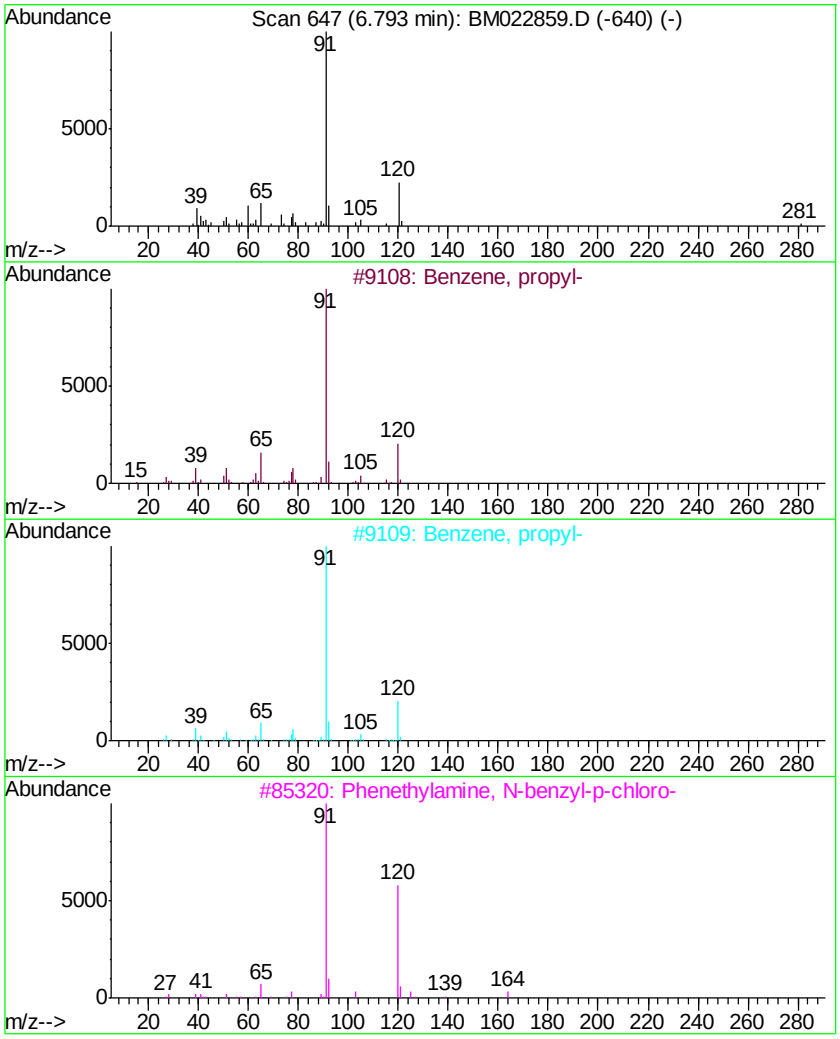
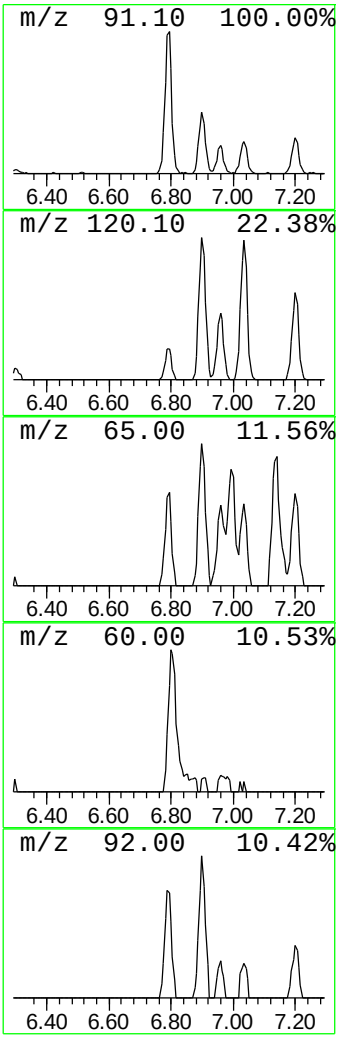
Peak Number 10 Benzene, propyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.79	2.11 ng/ul	120968	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, propyl-	120	C9H12	000103-65-1	76
2	Benzene, propyl-	120	C9H12	000103-65-1	70
3	Phenethylamine, N-benzyl-p-chloro-	245	C15H16ClN	013622-43-0	64
4	Ethanol, 2-[(phenylmethyl)amino]-	151	C9H13NO	000104-63-2	59
5	Benzene, propyl-	120	C9H12	000103-65-1	58





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Quant Title : SVOA CALIBRATION

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

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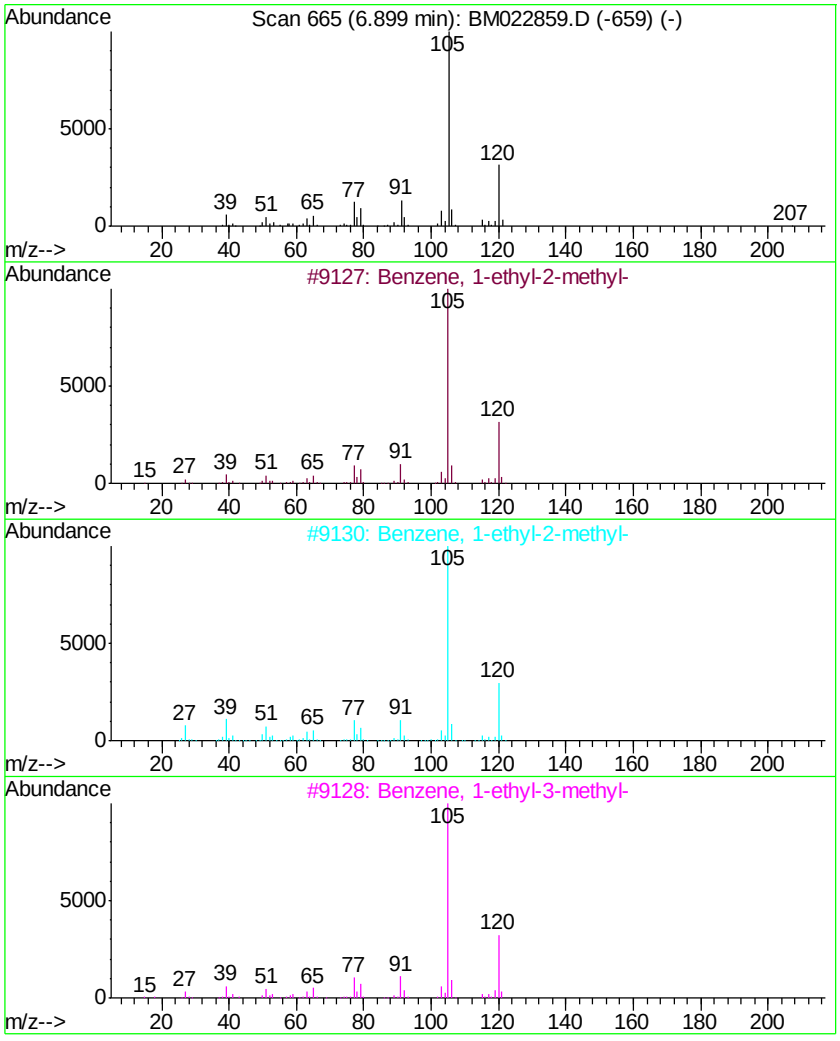
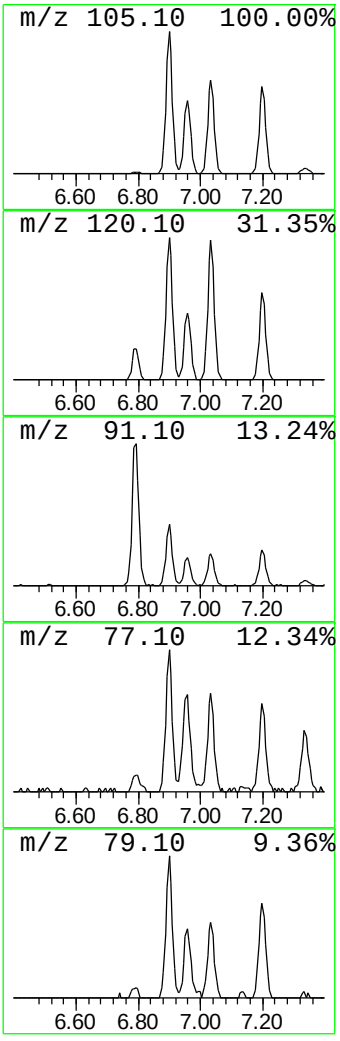
Peak Number 11 Benzene, 1-ethyl-2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.90	6.03 ng/ul	345475	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	95
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	95
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	94
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91





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Quant Title : SVOA CALIBRATION

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

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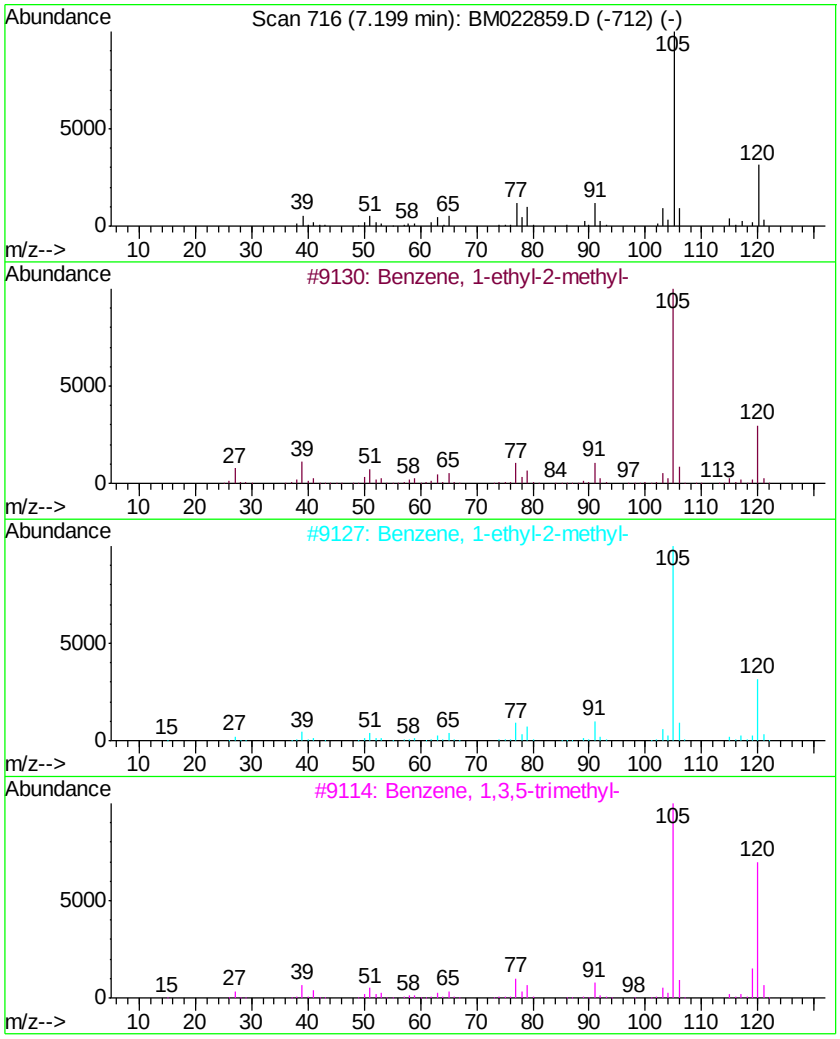
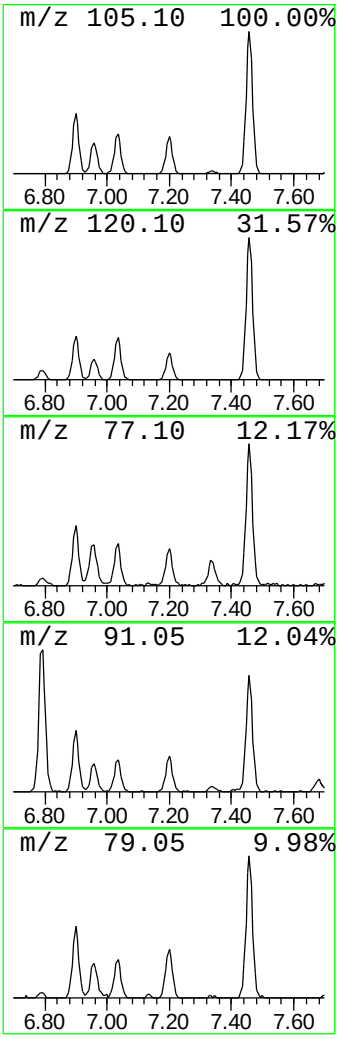
Peak Number 12 Benzene, 1,3,5-trimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.20	3.89 ng/ul	222776	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	94
3	Benzene, 1,3,5-trimethyl-	120	C9H12	000108-67-8	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
5	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91





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Quant Title : SVOA CALIBRATION

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

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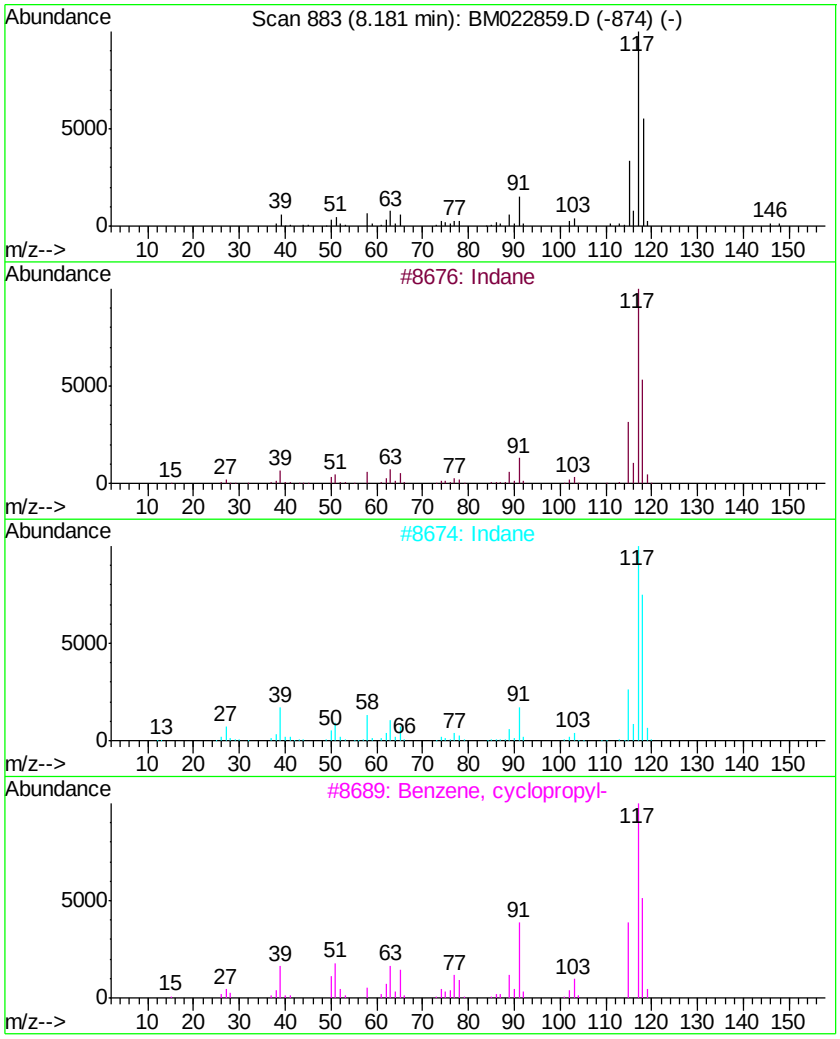
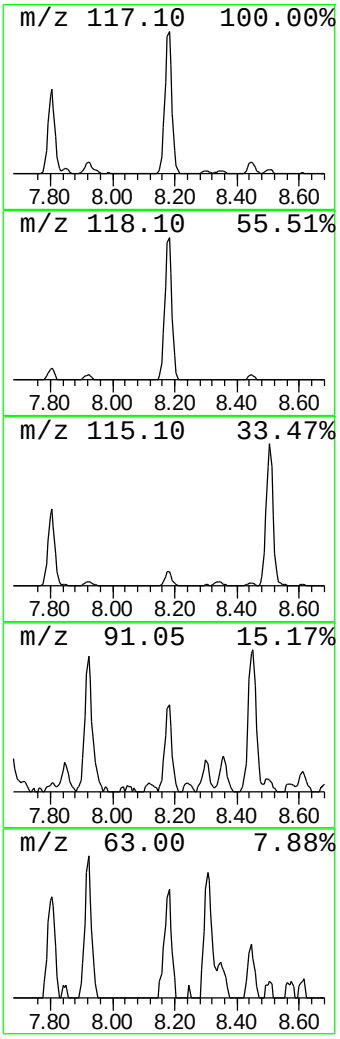
Peak Number 15 Indane Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	4.82 ng/ul	276464	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	81
2	Indane	118	C9H10	000496-11-7	81
3	Benzene, cyclopropyl-	118	C9H10	000873-49-4	76
4	Benzene, cyclopropyl-	118	C9H10	000873-49-4	74
5	Tetracyclo[3.3.1.0(2,8).0(4,6)]-...	118	C9H10	1000191-13-7	74





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Quant Title : SVOA CALIBRATION

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

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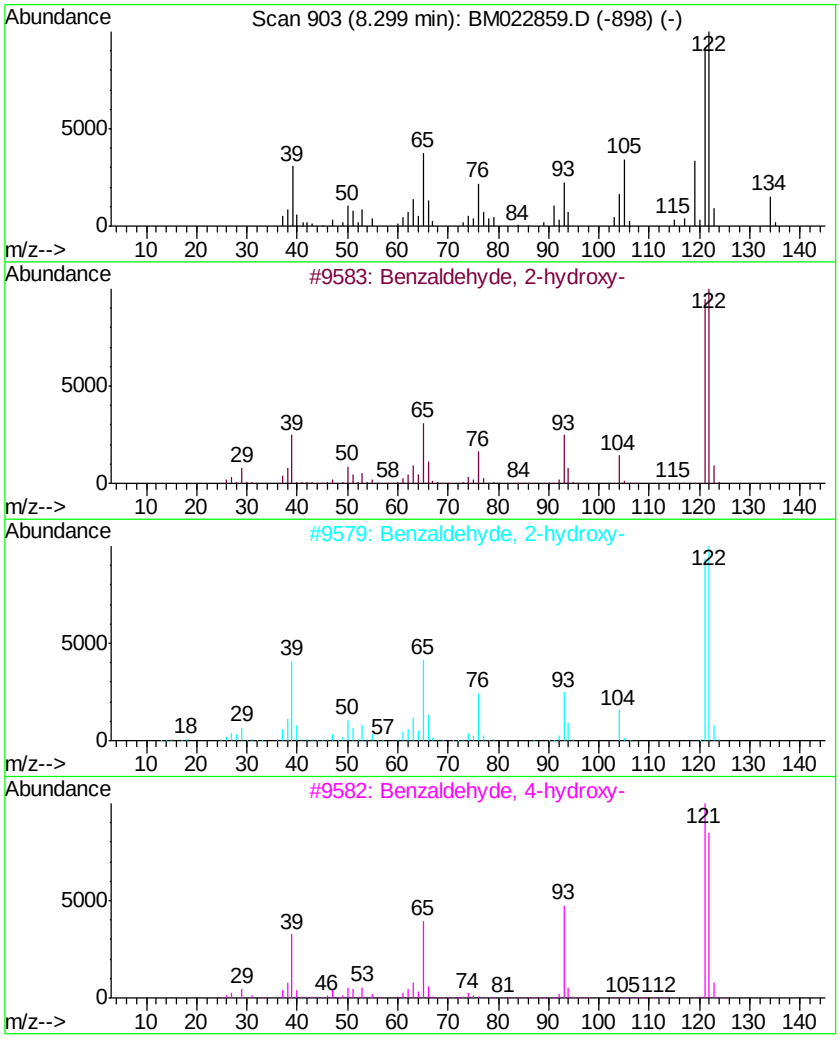
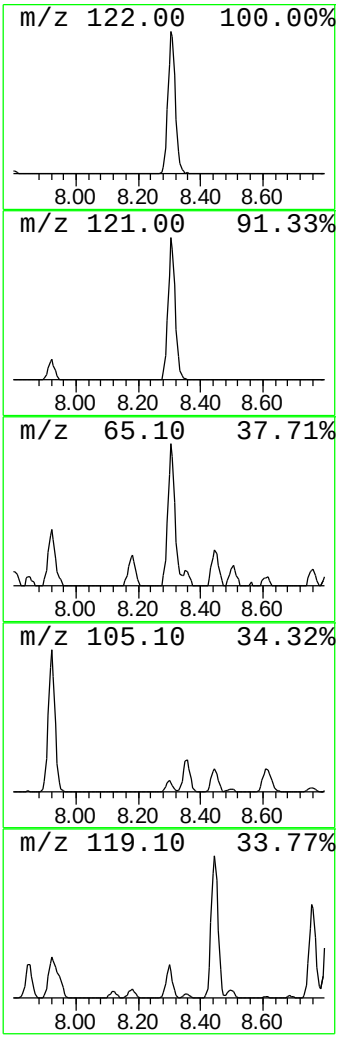
Peak Number 16 Benzaldehyde, 2-hydroxy- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.30	4.61 ng/ul	263951	1,4-Dichlorobenzene-d4	7.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	96
2	Benzaldehyde, 2-hydroxy-	122	C7H6O2	000090-02-8	95
3	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	83
4	Benzaldehyde, 3-hydroxy-	122	C7H6O2	000100-83-4	83
5	Benzaldehyde, 4-hydroxy-	122	C7H6O2	000123-08-0	78





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Quant Title : SVOA CALIBRATION

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

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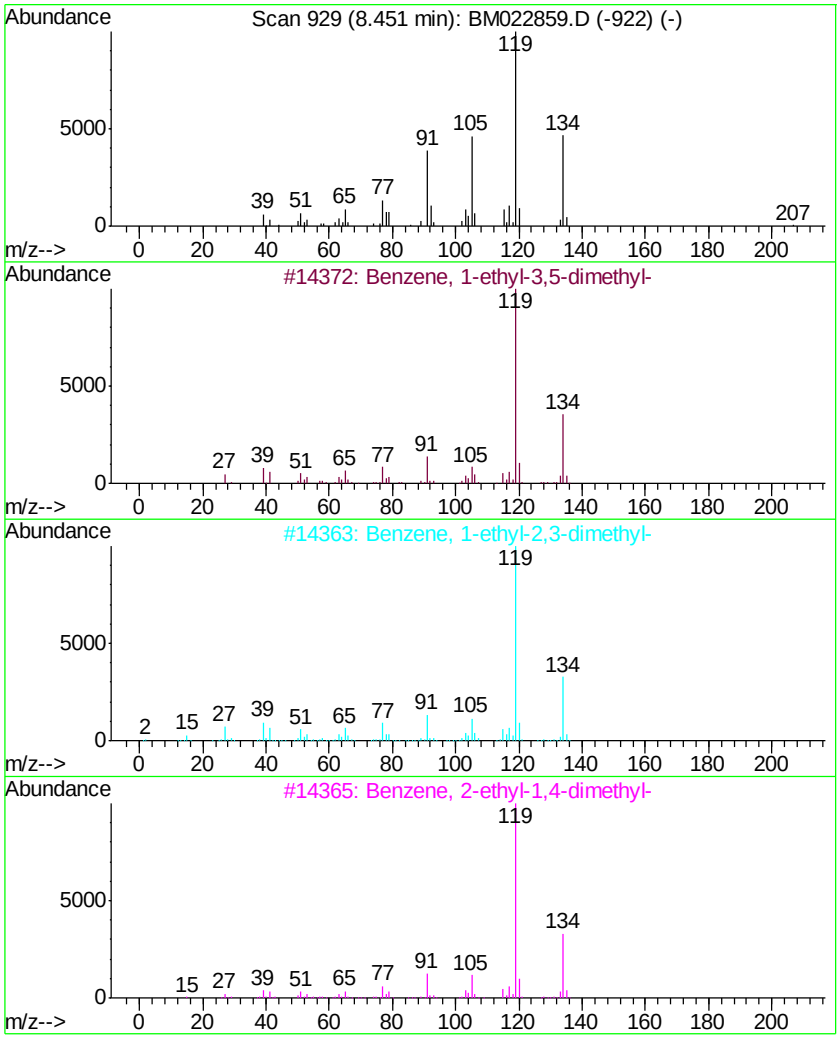
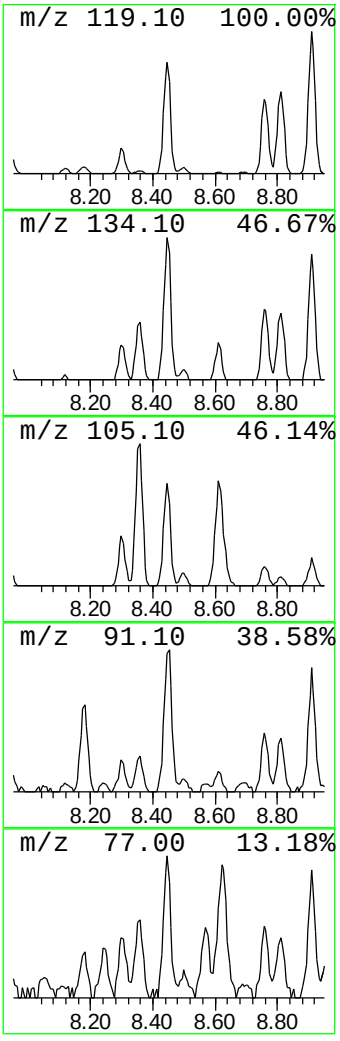
Peak Number 17 Benzene, 1-ethyl-3,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.45	3.24 ng/ul	185481	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	95
2	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	94
3	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	91
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	91
5	Benzene, 1-ethyl-2,4-dimethyl-	134	C10H14	000874-41-9	91





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Quant Title : SVOA CALIBRATION

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

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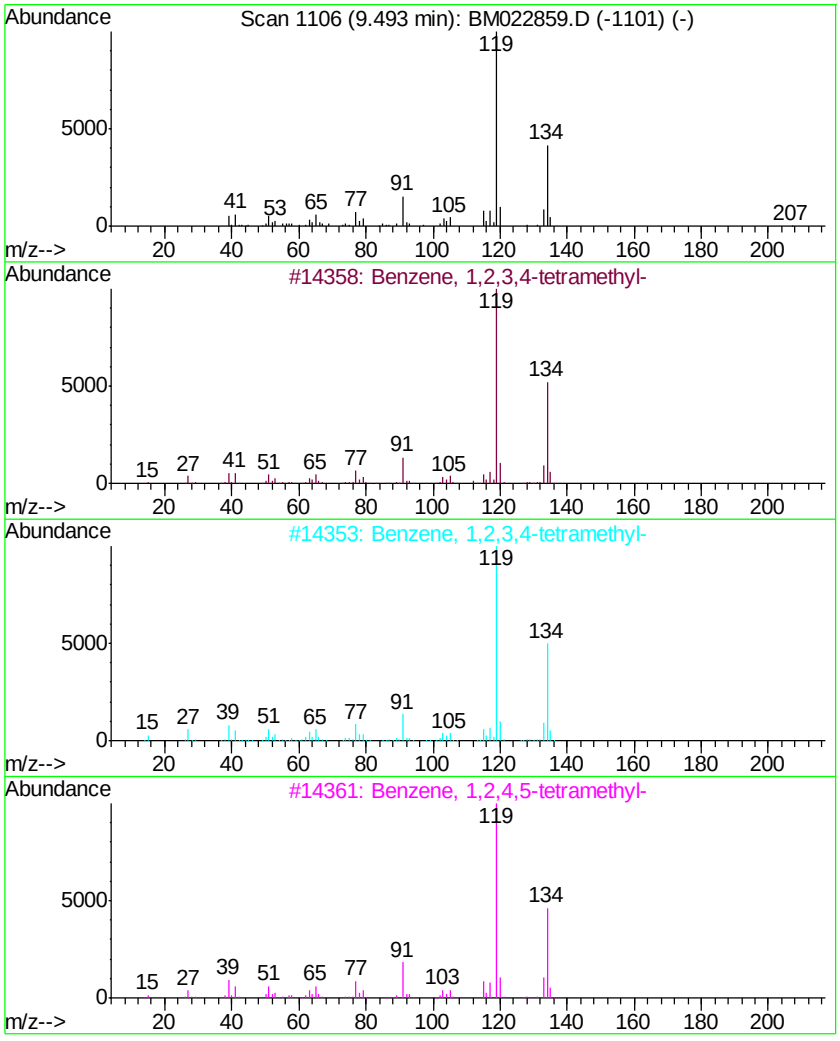
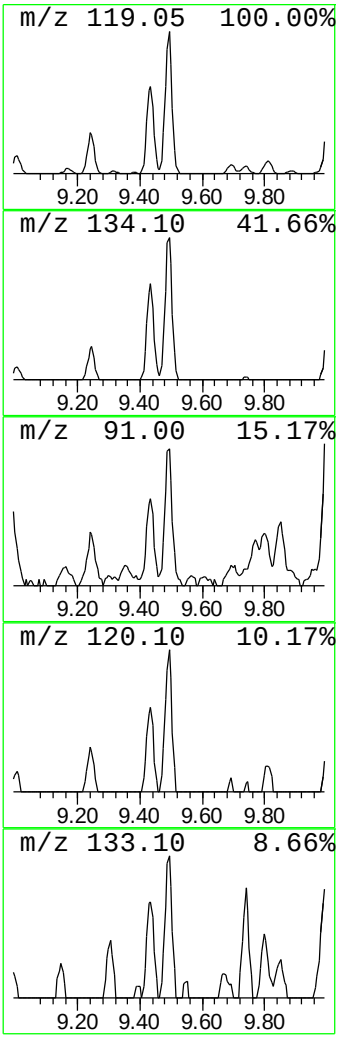
Peak Number 18 Benzene, 1,2,3,4-tetramethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	2.16 ng/ul	211873	Naphthalene-d8	10.59

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





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Quant Title : SVOA CALIBRATION

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

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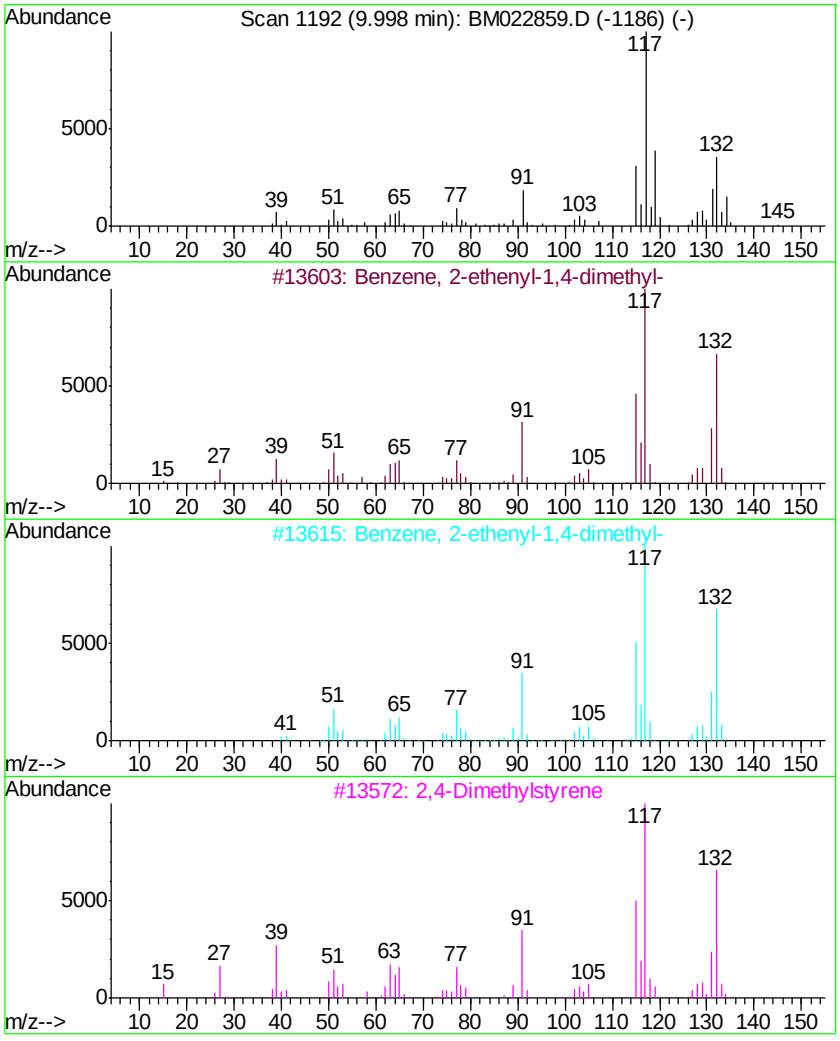
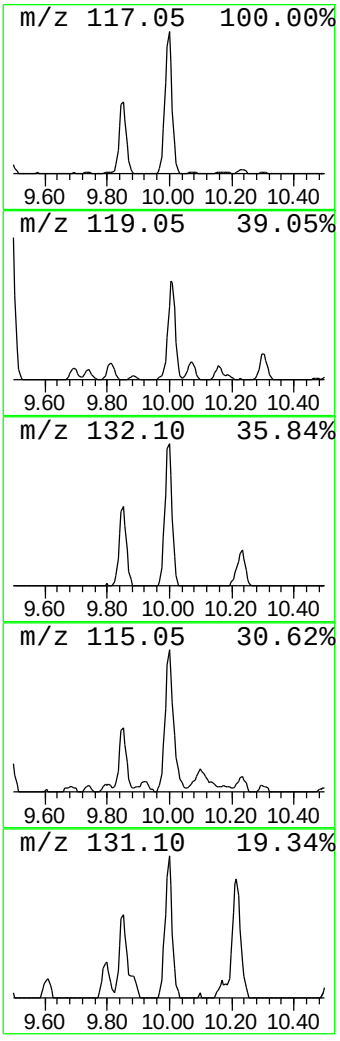
Peak Number 19 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.00	4.09 ng/ul	401238	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	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
3	2,4-Dimethylstyrene	132	C10H12	002234-20-0	89
4	3-Phenylbut-1-ene	132	C10H12	000934-10-1	76
5	1-Phenyl-1-butene	132	C10H12	000824-90-8	70





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Acq On : 01 Oct 2019 18:02
Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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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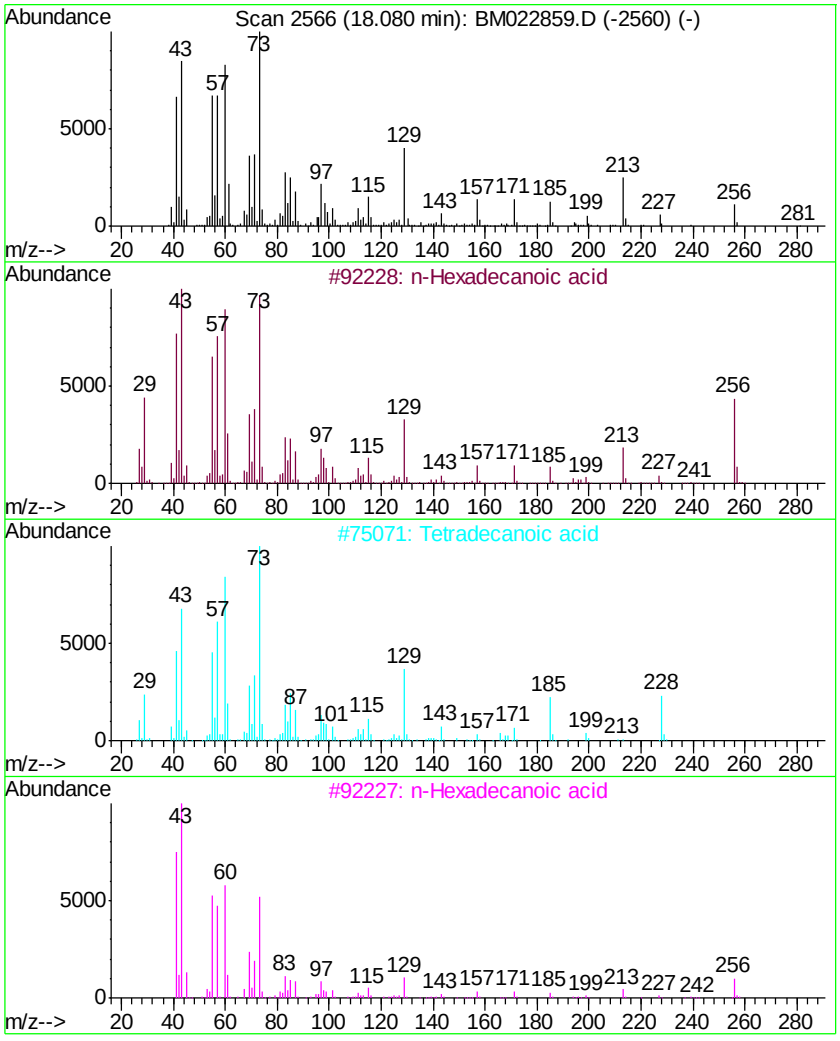
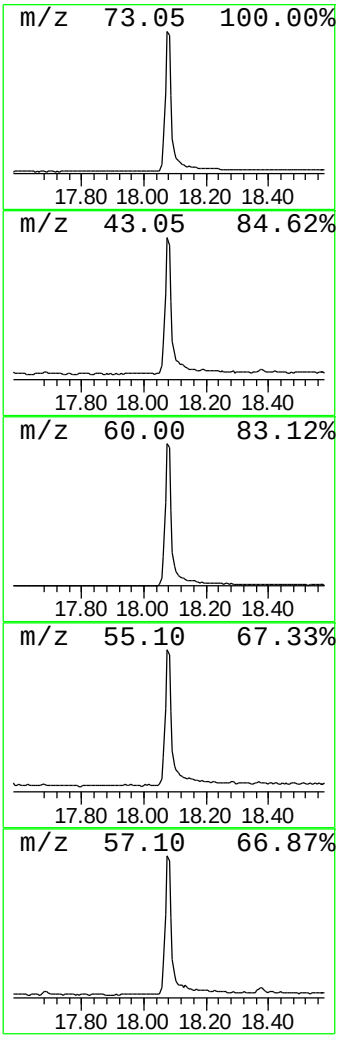
Peak Number 20 n-Hexadecanoic acid Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	6.62 ng/ul	1082940	Phenanthrene-d10	17.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Tridecanoic acid	214	C13H26O2	000638-53-9	76
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	72





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Acq On : 01 Oct 2019 18:02
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Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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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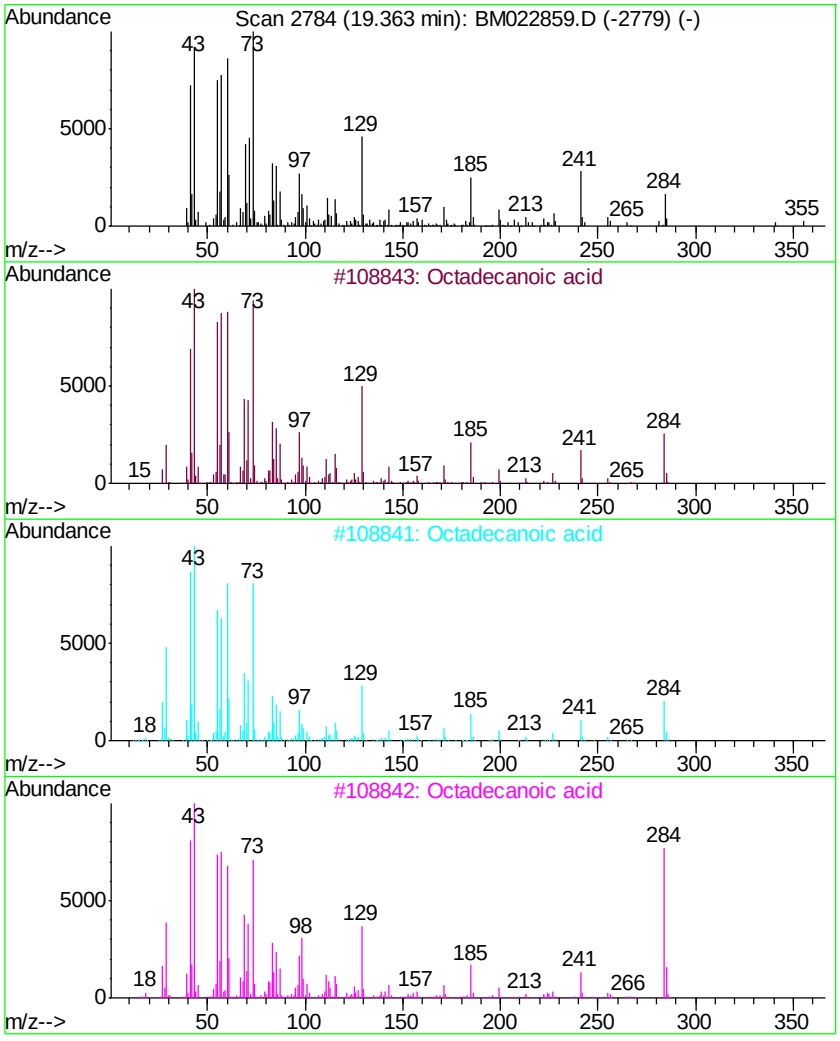
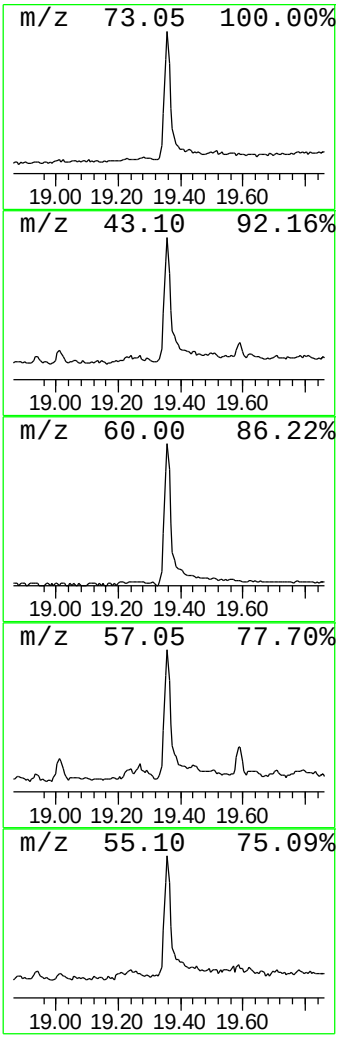
Peak Number 21 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.36	2.50 ng/ul	432908	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	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	94
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	93





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Data File : BM022859.D
Acq On : 01 Oct 2019 18:02
Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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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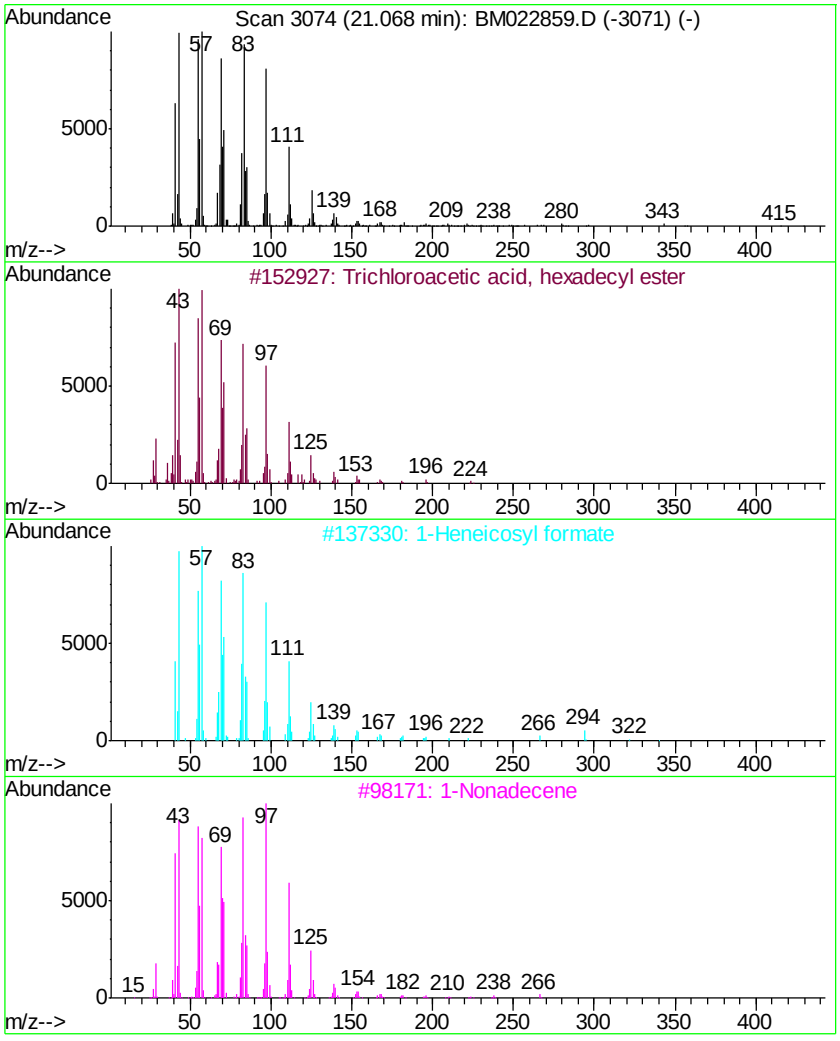
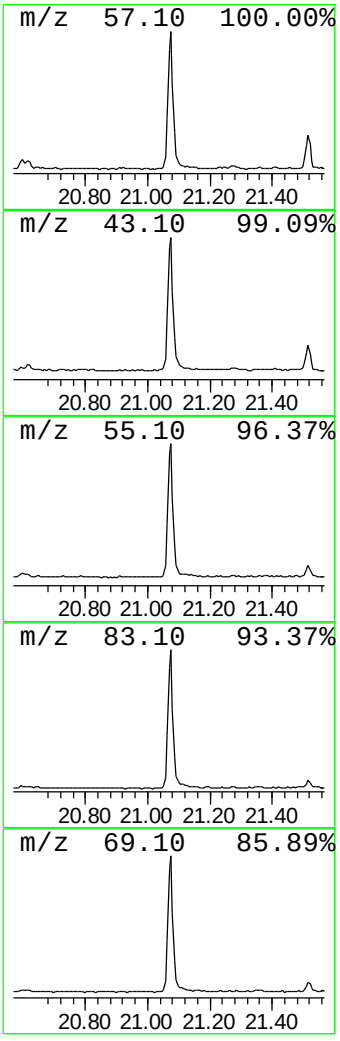
Peak Number 22 Trichloroacetic acid, hexad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.07	4.45 ng/ul	770416	Chrysene-d12	21.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	1-Nonadecene	266	C19H38	018435-45-5	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	91
5	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	91





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Data File : BM022859.D
Acq On : 01 Oct 2019 18:02
Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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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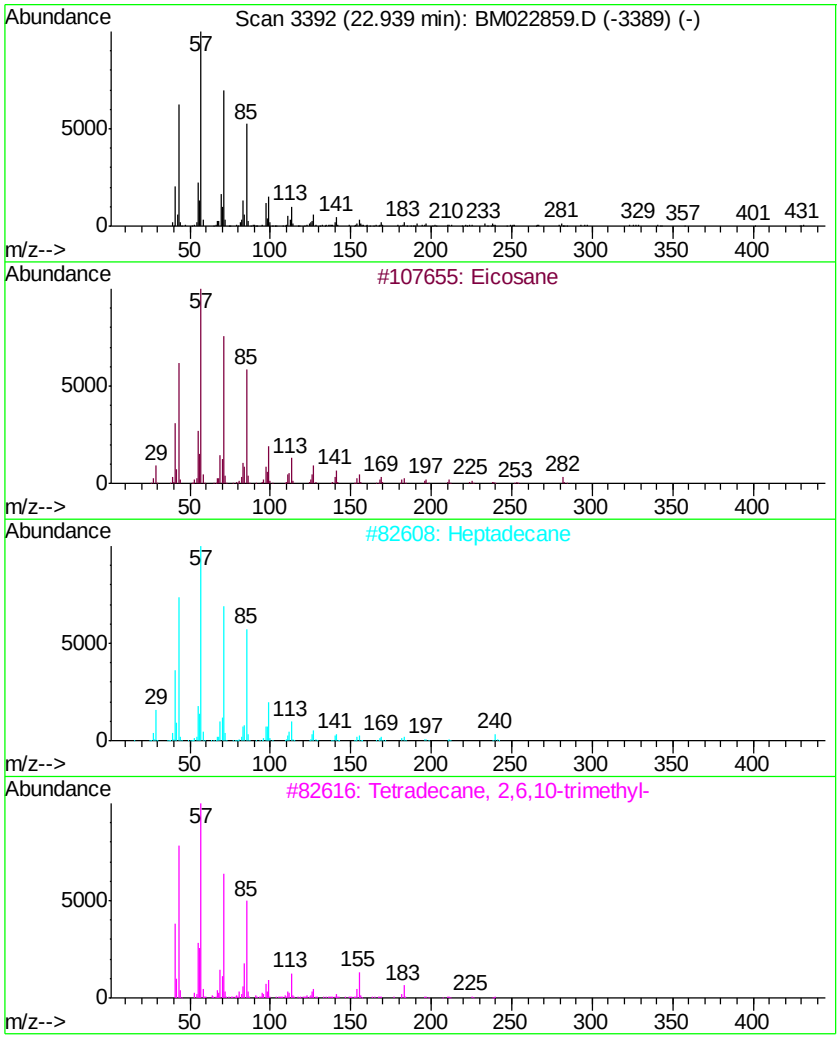
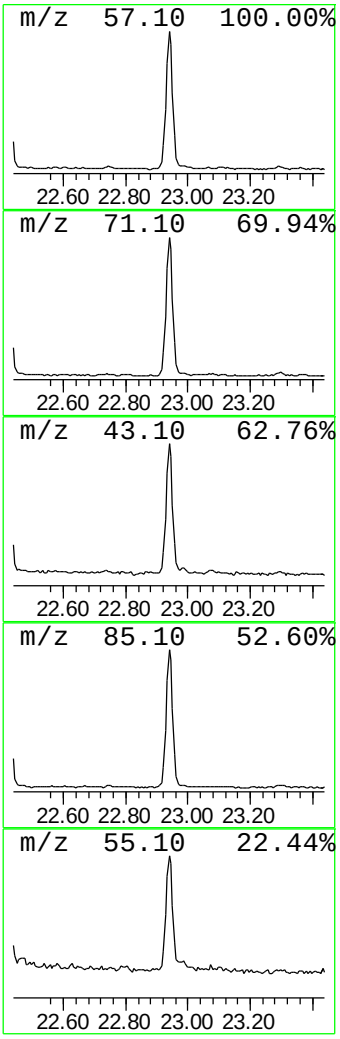
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.94	2.36 ng/ul	342827	Perylene-d12	23.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	97
2	Heptadecane	240	C17H36	000629-78-7	93
3	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	93
4	Octacosane	394	C28H58	000630-02-4	90
5	Hexatriacontane	507	C36H74	000630-06-8	87





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Data File : BM022859.D
Acq On : 01 Oct 2019 18:02
Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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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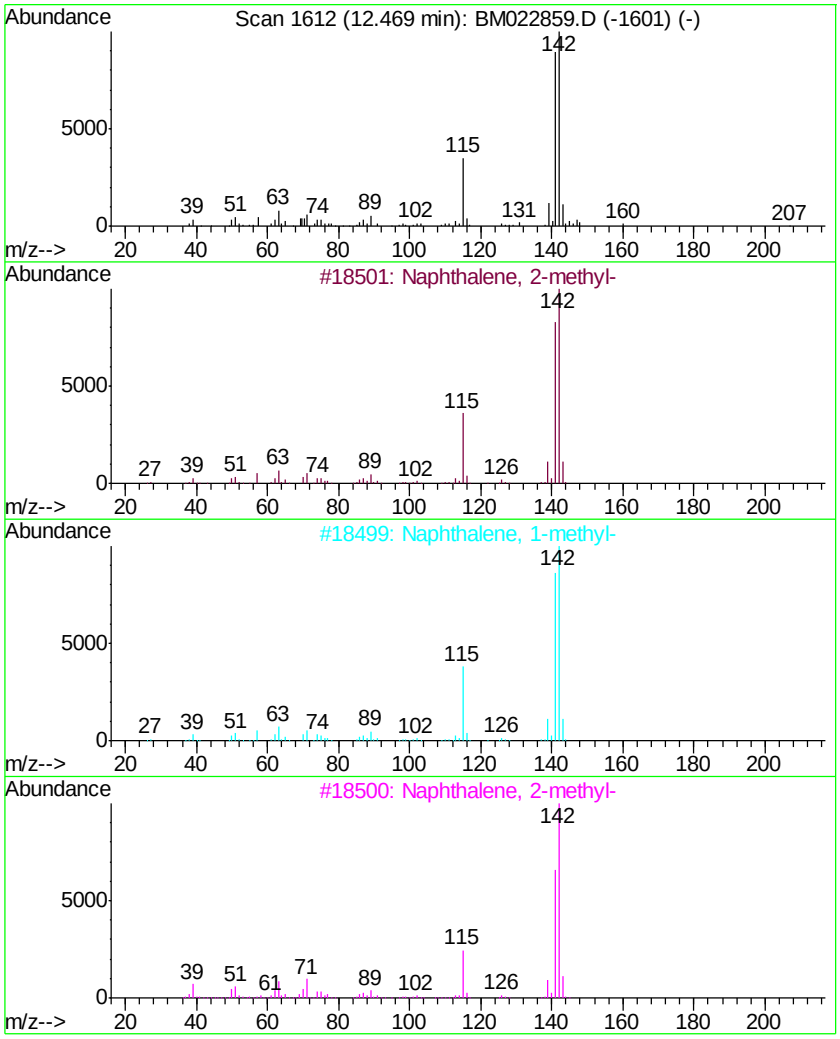
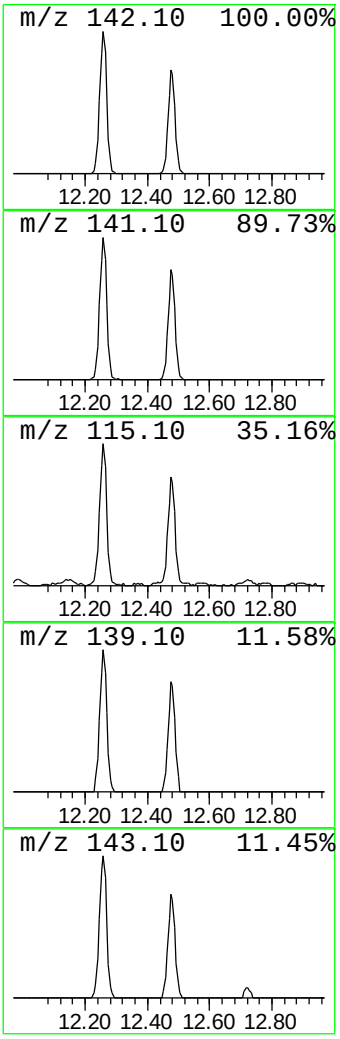
Peak Number 24 Naphthalene, 1-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.47	3.57 ng/ul	350248	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	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM100119\
Data File : BM022859.D
Acq On : 01 Oct 2019 18:02
Operator : JU
Sample : K4983-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BFDF2

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	4.1	ng/ul	236587	1	7.80	1146010	20.0
Toluene	4.00	6.3	ng/ul	359468	1	7.80	1146010	20.0
Propanoic acid, 2...	4.27	9.6	ng/ul	549930	1	7.80	1146010	20.0
Propanoic acid, p...	4.45	13.9	ng/ul	794443	1	7.80	1146010	20.0
Butanoic acid, 1-...	4.90	17.1	ng/ul	980513	1	7.80	1146010	20.0
Ethylbenzene	5.32	3.5	ng/ul	201754	1	7.80	1146010	20.0
o-Xylene	5.46	13.0	ng/ul	745226	1	7.80	1146010	20.0
Butanoic acid, pr...	5.76	2.6	ng/ul	152041	1	7.80	1146010	20.0
Benzene, 1,3-dime...	5.82	8.4	ng/ul	479971	1	7.80	1146010	20.0
Benzene, propyl-	6.79	2.1	ng/ul	120968	1	7.80	1146010	20.0
Benzene, 1-ethyl-...	6.90	6.0	ng/ul	345475	1	7.80	1146010	20.0
Benzene, 1,3,5-tr...	7.20	3.9	ng/ul	222776	1	7.80	1146010	20.0
Indane	8.18	4.8	ng/ul	276464	1	7.80	1146010	20.0
Benzaldehyde, 2-h...	8.30	4.6	ng/ul	263951	1	7.80	1146010	20.0
Benzene, 1-ethyl-...	8.45	3.2	ng/ul	185481	1	7.80	1146010	20.0
Benzene, 1,2,3,4-...	9.49	2.2	ng/ul	211873	2	10.59	1962840	20.0
Benzene, 2-etheny...	10.00	4.1	ng/ul	401238	2	10.59	1962840	20.0
n-Hexadecanoic acid	18.08	6.6	ng/ul	1082940	4	17.17	3270470	20.0
Octadecanoic acid	19.36	2.5	ng/ul	432908	5	21.36	3458900	20.0
Trichloroacetic a...	21.07	4.5	ng/ul	770416	5	21.36	3458900	20.0
(DEL) Alkane: Str...	22.94	2.4	ng/ul	342827	6	23.62	2900430	20.0
Naphthalene, 1-me...	12.47	3.6	ng/ul	350248	2	10.59	1962840	20.0