LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038880.D
Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

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\SFAM-EPA-BM022823.M
Title : SVOA CALIBRATION

Signal : TIC: BM038880.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.805	85	88	106	rBV	332935	545570	0.88%	0.229%
2	5.999	453	461	467	rBV	171514	266795	0.43%	0.112%
3	7.152	650	657	666	rBV	266959	422571	0.68%	0.177%
4	7.328	680	687	694	rBV	1205726	1815624	2.92%	0.762%
5	7.528	711	721	730	rBV	1045130	1607733	2.58%	0.675%
6	7.722	748	754	761	rBV	575590	913611	1.47%	0.384%
7	8.005	795	802	809	rBV	1078652	1684263	2.71%	0.707%
8	8.122	816	822	829	rVB	89961	143035	0.23%	0.060%
9	8.546	890	894	901	rVB	183759	298516	0.48%	0.125%
10	8.704	915	921	930	rVB	824581	1305160	2.10%	0.548%
11	8.852	939	946	957	rVB	856262	1327876	2.13%	0.558%
12	9.169	994	1000	1012	rVB	1339904	2285206	3.67%	0.960%
13	9.369	1024	1034	1040	rBV	131772	217282	0.35%	0.091%
14	9.434	1040	1045	1048	rBV	132752	207114	0.33%	0.087%
15	9.487	1048	1054	1061	rVV3	314488	676094	1.09%	0.284%
16	9.557	1061	1066	1071	rVV	94858	146201	0.23%	0.061%
17	9.893	1116	1123	1131	rBV	970150	1619449	2.60%	0.680%
18	10.016	1138	1144	1149	rBV	145967	240651	0.39%	0.101%
19	10.222	1173	1179	1188	rBV4	71553	144022	0.23%	0.060%
20	10.434	1208	1215	1233	rVB	1571110	2762450	4.44%	1.160%
21	10.822	1272	1281	1284	rVV	1405620	2501220	4.02%	1.050%
22	10.887	1284	1292	1298	rVV2	31649348	62252984	100.00%	26.144%
23	10.951	1298	1303	1306	rVV	1395959	2434680	3.91%	1.022%
24	10.993	1306	1310	1320	rVB	3253868	5316079	8.54%	2.233%
25	11.840	1447	1454	1458	rBV2	199186	327874	0.53%	0.138%
26	11.893	1458	1463	1466	rVV	171896	274102	0.44%	0.115%
27	11.934	1466	1470	1476	rVB4	105481	201479	0.32%	0.085%
28	12.369	1537	1544	1548	rBV	208459	343201	0.55%	0.144%
29	12.475	1555	1562	1575	rVB	5299527	8013059	12.87%	3.365%
30	12.592	1575	1582	1588	rBV	150144	291957	0.47%	0.123%
31	12.692	1589	1599	1607	rVB	3056574	4858499	7.80%	2.040%
32	12.792	1611	1616	1619	rBV	157358	214868	0.35%	0.090%
33	12.828	1619	1622	1628	rVB2	153022	237407	0.38%	0.100%
34	13.134	1665	1674	1678	rVV4	211189	542127	0.87%	0.228%
35	13.169	1678	1680	1687	rVB	123789	189756	0.30%	0.080%
36	13.334	1702	1708	1715	rBV	182607	348443	0.56%	0.146%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

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\SFAM-EPA-BM022823.M
Title : SVOA CALIBRATION

37	13.481	1727	1733	1742	rVB	1431472	2145559	3.45%	0.901%
38	13.810	1778	1789	1798	rBV4	435202	980280	1.57%	0.412%
39	13.963	1808	1815	1820	rVV	427985	795936	1.28%	0.334%
40	14.016	1820	1824	1825	rVV	257406	323326	0.52%	0.136%
41	14.051	1825	1830	1836	rVV	3534465	4867629	7.82%	2.044%
42	14.198	1850	1855	1858	rVV	197864	298504	0.48%	0.125%
43	14.334	1871	1878	1888	rVB	3961502	6248659	10.04%	2.624%
44	14.469	1896	1901	1908	rVB8	71424	171381	0.28%	0.072%
45	14.639	1918	1930	1935	rBV	2501545	3870662	6.22%	1.626%
46	14.704	1935	1941	1947	rVV	4213362	5959887	9.57%	2.503%
47	14.769	1947	1952	1956	rVV	1813466	2559946	4.11%	1.075%
48	14.833	1956	1963	1971	rVB2	830256	1630913	2.62%	0.685%
49	14.910	1971	1976	1982	rBV	741994	992538	1.59%	0.417%
50	15.039	1992	1998	2004	rVB	3958234	5670268	9.11%	2.381%
51	15.175	2015	2021	2026	rBV	1081107	1566460	2.52%	0.658%
52	15.257	2031	2035	2040	rVB	401042	555246	0.89%	0.233%
53	15.557	2081	2086	2092	rBV	283934	449831	0.72%	0.189%
54	15.628	2092	2098	2103	rBV	4882192	7160087	11.50%	3.007%
55	15.686	2103	2108	2112	rVV	2799116	3967971	6.37%	1.666%
56	15.739	2112	2117	2125	rVB2	1913874	2744309	4.41%	1.153%
57	15.804	2125	2128	2131	rBV2	128174	180851	0.29%	0.076%
58	15.904	2140	2145	2148	rBV	207911	257306	0.41%	0.108%
59	15.986	2153	2159	2164	rVB4	304296	648506	1.04%	0.272%
60	16.051	2164	2170	2173	rBV3	90849	163479	0.26%	0.069%
61	16.122	2177	2182	2191	rVB2	256869	523039	0.84%	0.220%
62	16.357	2210	2222	2229	rBV2	453733	875928	1.41%	0.368%
63	16.557	2248	2256	2264	rBV	226025	434416	0.70%	0.182%
64	16.633	2264	2269	2276	rBV	1393111	1956704	3.14%	0.822%
65	16.869	2305	2309	2315	rBV3	78842	175938	0.28%	0.074%
66	16.980	2323	2328	2331	rBV	128353	216709	0.35%	0.091%
67	17.027	2331	2336	2346	rVB2	2128830	3179591	5.11%	1.335%
68	17.198	2361	2365	2371	rVB	287048	428511	0.69%	0.180%
69	17.275	2371	2378	2383	rBV2	133852	212931	0.34%	0.089%
70	17.333	2383	2388	2391	rBV	271877	350938	0.56%	0.147%
71	17.380	2391	2396	2400	rVV	3026888	4287763	6.89%	1.801%
72	17.427	2400	2404	2408	rVV	2966956	4455195	7.16%	1.871%
73	17.480	2408	2413	2418	rVV2	5710176	8235087	13.23%	3.458%
74	17.516	2418	2419	2425	rVB2	388223	341620	0.55%	0.143%
75	17.786	2454	2465	2471	rBV	9566970	13265897	21.31%	5.571%
76	17.939	2485	2491	2497	rBV	1634094	2235250	3.59%	0.939%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

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\SFAM-EPA-BM022823.M
Title : SVOA CALIBRATION

77	18.010	2498	2503	2506	rVV4	127273	245810	0.39%	0.103%
78	18.039	2506	2508	2512	rVV3	112792	183446	0.29%	0.077%
79	18.086	2512	2516	2520	rVV	177268	242061	0.39%	0.102%
80	18.127	2520	2523	2529	rVV7	98885	160163	0.26%	0.067%
81	18.216	2534	2538	2544	rVV	166035	235149	0.38%	0.099%
82	18.304	2545	2553	2557	rVV	334200	667736	1.07%	0.280%
83	18.345	2557	2560	2562	rVV	183210	276849	0.44%	0.116%
84	18.374	2562	2565	2571	rVB	478450	614084	0.99%	0.258%
85	18.451	2572	2578	2582	rBV3	124434	247608	0.40%	0.104%
86	18.569	2594	2598	2600	rVV3	129258	225110	0.36%	0.095%
87	18.598	2600	2603	2607	rVV2	189297	280432	0.45%	0.118%
88	18.633	2607	2609	2614	rVB	152912	169322	0.27%	0.071%
89	18.692	2615	2619	2624	rBV2	244537	389396	0.63%	0.164%
90	18.745	2624	2628	2633	rVV	218449	307068	0.49%	0.129%
91	18.792	2633	2636	2641	rVB2	133745	173911	0.28%	0.073%
92	19.257	2710	2715	2721	rBV2	251409	409777	0.66%	0.172%
93	19.433	2742	2745	2750	rVB	137806	173674	0.28%	0.073%
94	19.521	2755	2760	2763	rBV3	139391	244528	0.39%	0.103%
95	19.768	2796	2802	2817	rBV	7322602	9972911	16.02%	4.188%
96	20.233	2876	2881	2888	rBV	552389	831135	1.34%	0.349%
97	21.268	3054	3057	3063	rBV	166788	201680	0.32%	0.085%
98	21.562	3101	3107	3115	rBV	3291867	4439778	7.13%	1.865%
99	23.856	3489	3497	3507	rBV2	5078888	10127617	16.27%	4.253%
100	24.015	3517	3524	3535	rVB2	2417235	4934701	7.93%	2.072%

Sum of corrected areas: 238115955

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Data File : BM038880.D
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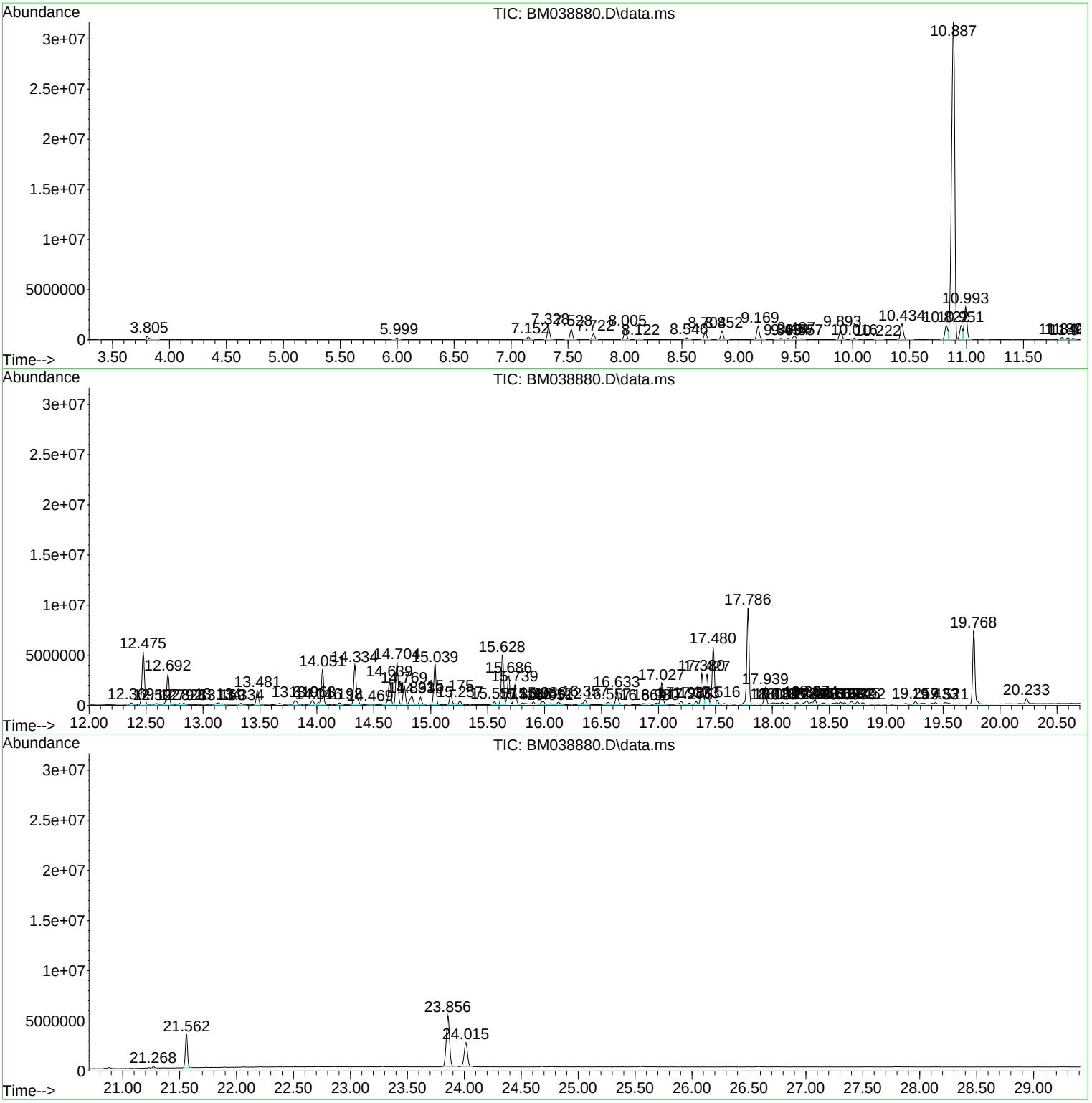
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038880.D
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Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

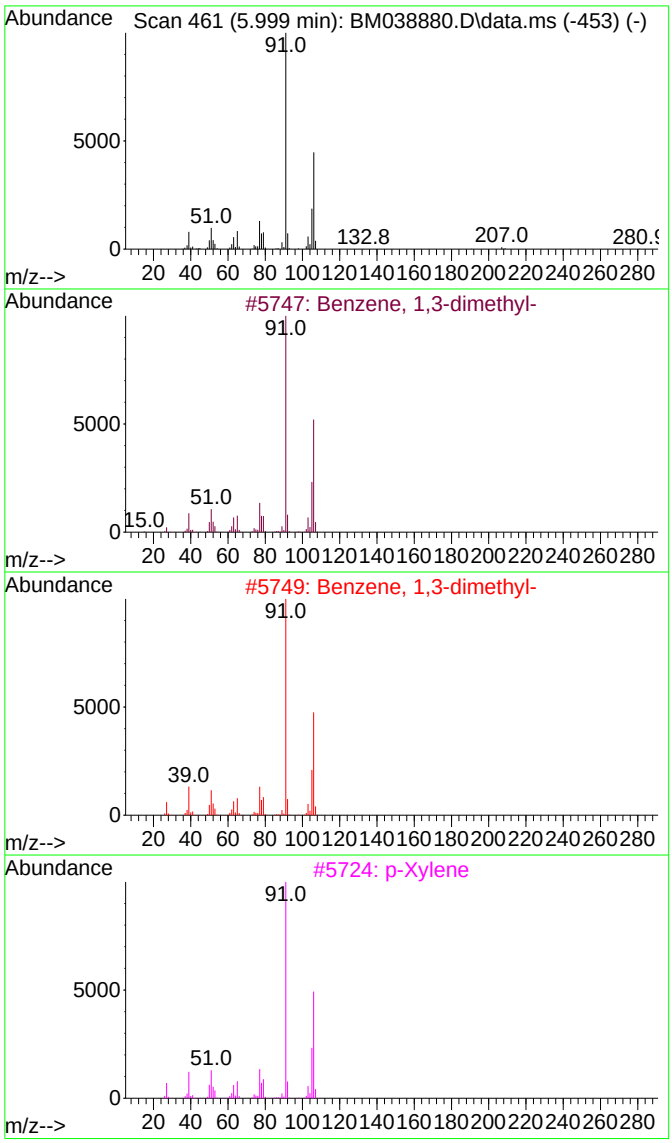
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

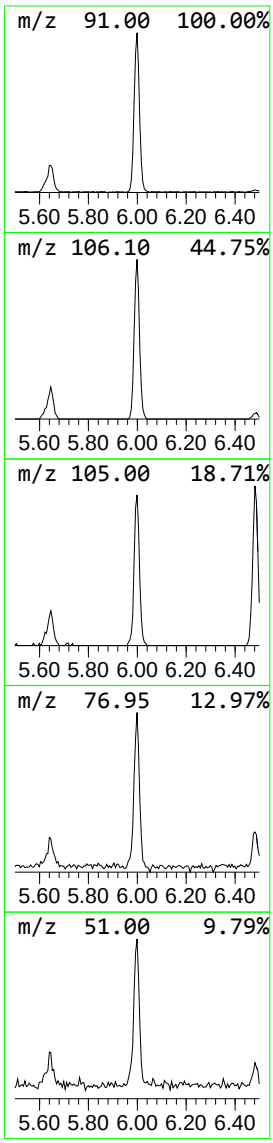
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.999	3.17 ng/ul	266795	1,4-Dichlorobenzene-d4	8.005

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038880.D
Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

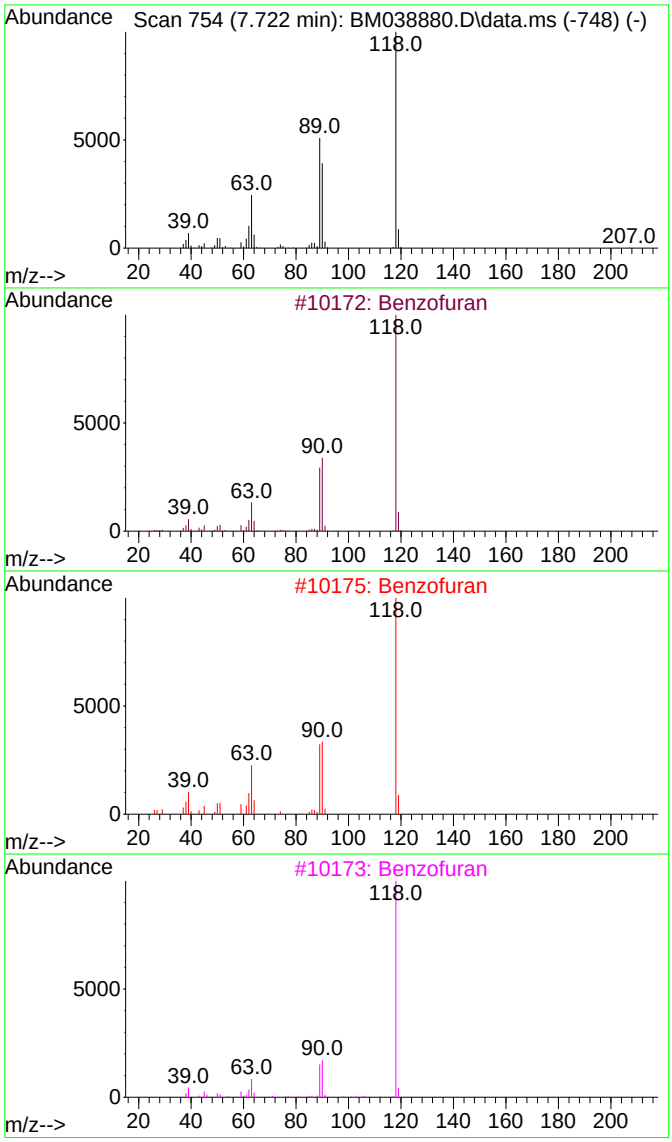
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

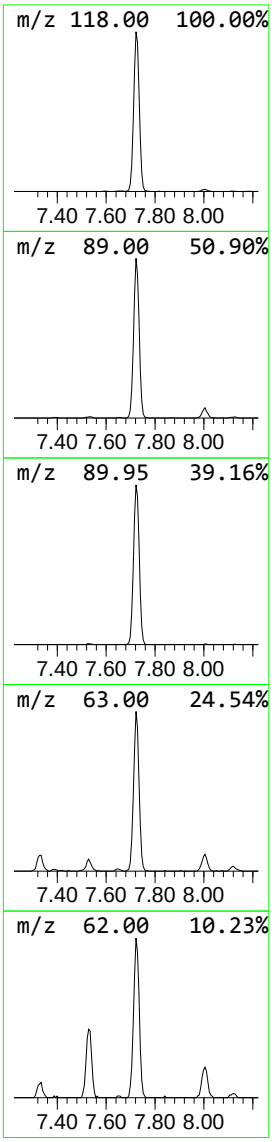
****

Peak Number 2 Benzofuran Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	10.85 ng/ul	913611	1,4-Dichlorobenzene-d4	8.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	93
3	Benzofuran	118	C8H6O	000271-89-6	91
4	Benzofuran	118	C8H6O	000271-89-6	87
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038880.D
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Sample : 01746-10
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

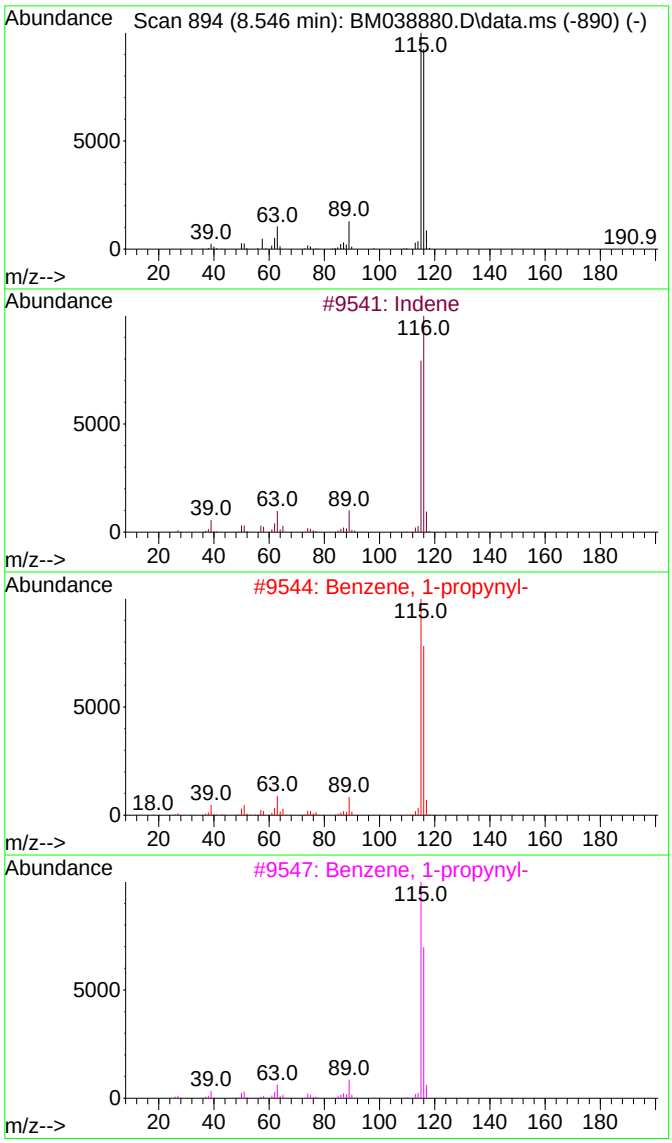
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

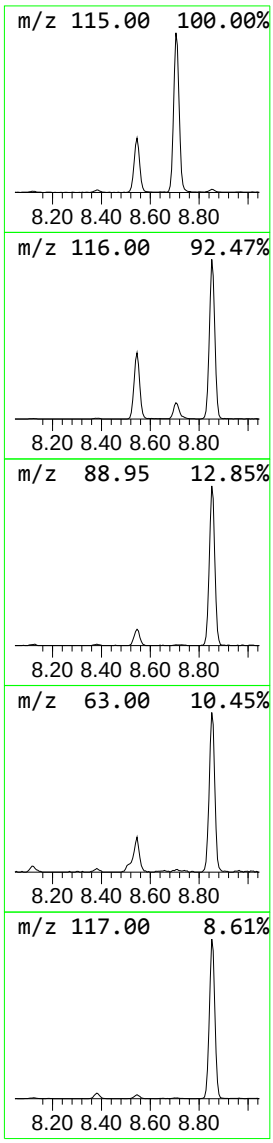
****

Peak Number 3 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.546	3.54 ng/ul	298516	1,4-Dichlorobenzene-d4	8.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	93
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038880.D
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Sample : 01746-10
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ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
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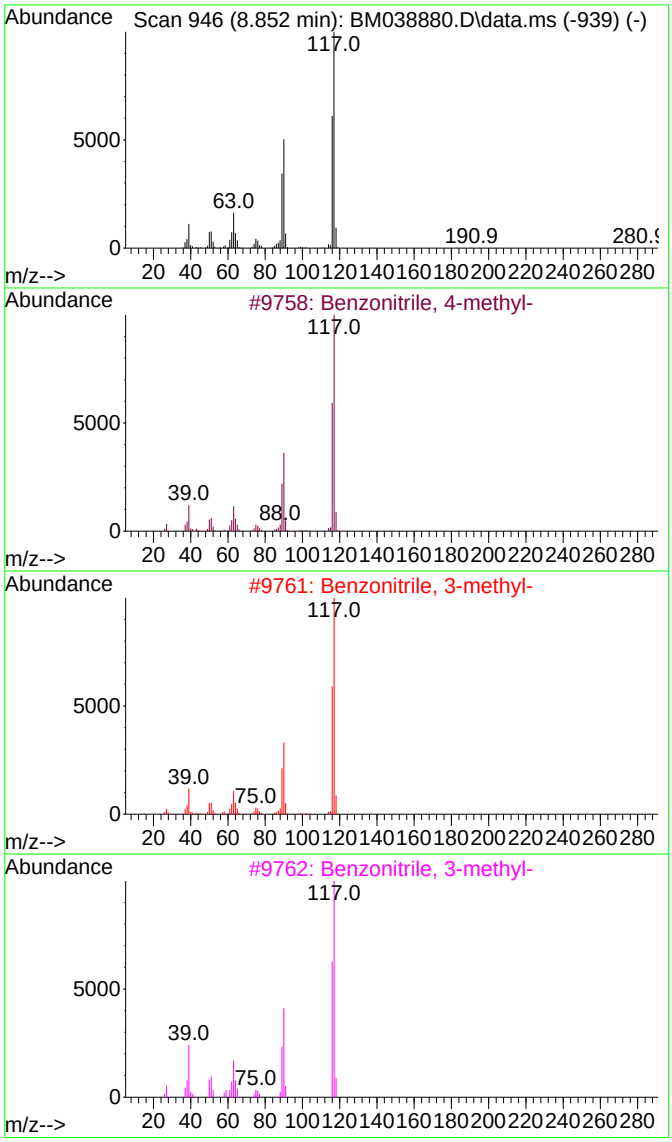
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

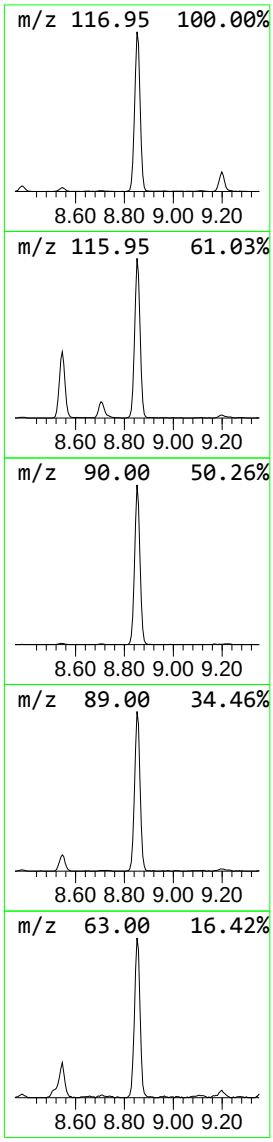
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzonitrile, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.852	15.77 ng/ul	1327880	1,4-Dichlorobenzene-d4	8.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
2	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
3	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
4	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
5	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038880.D
Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

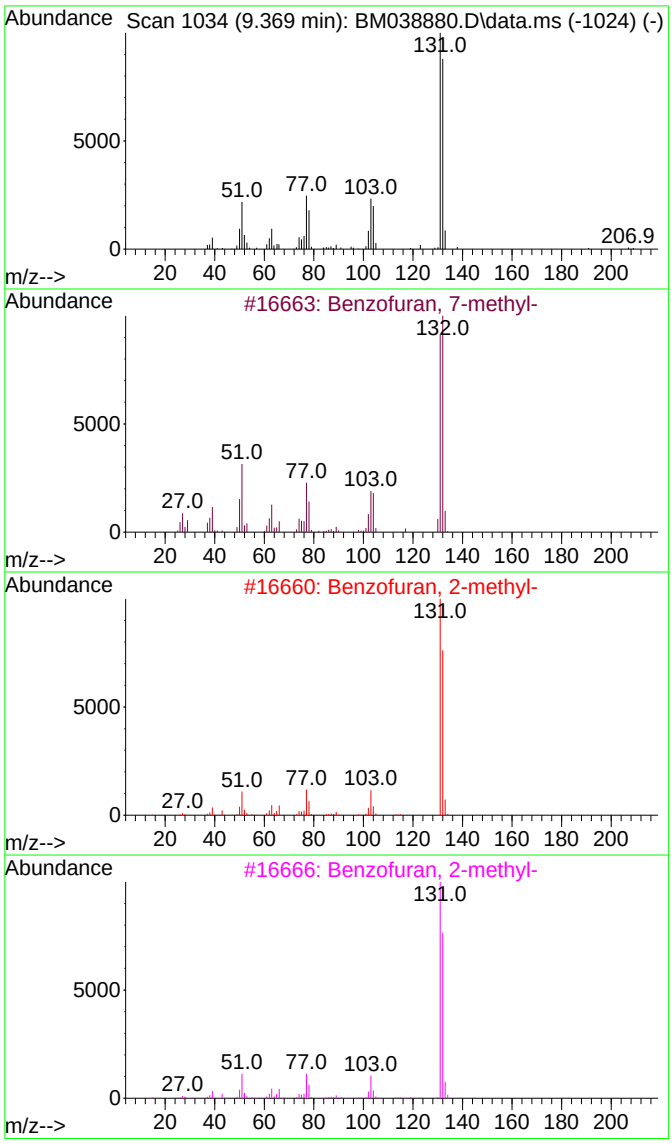
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

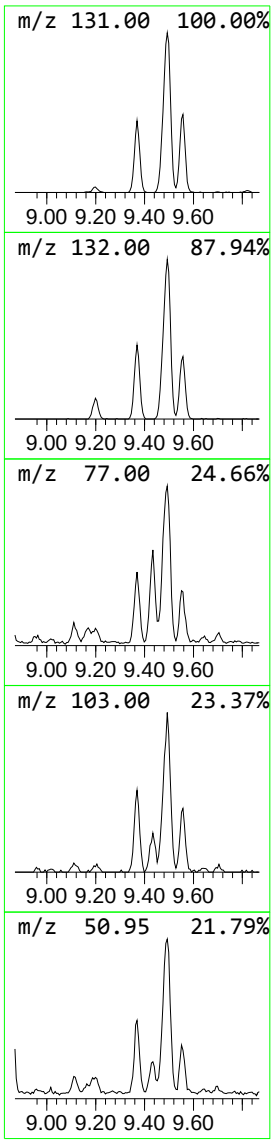
****

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	2.58 ng/ul	217282	1,4-Dichlorobenzene-d4	8.005

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
Misc :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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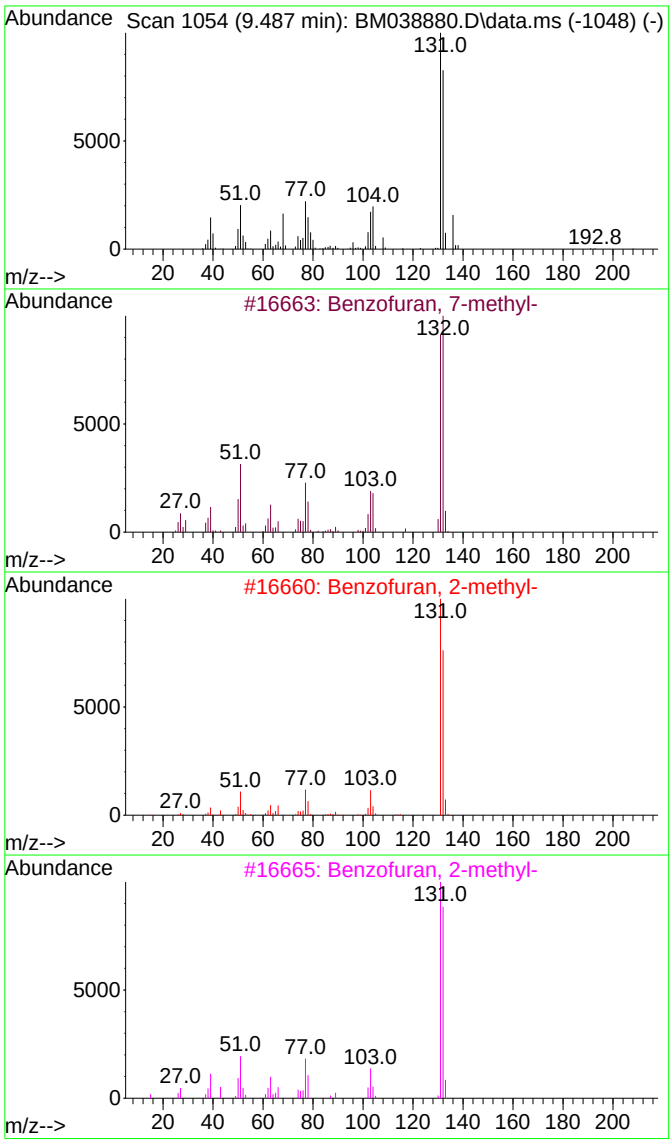
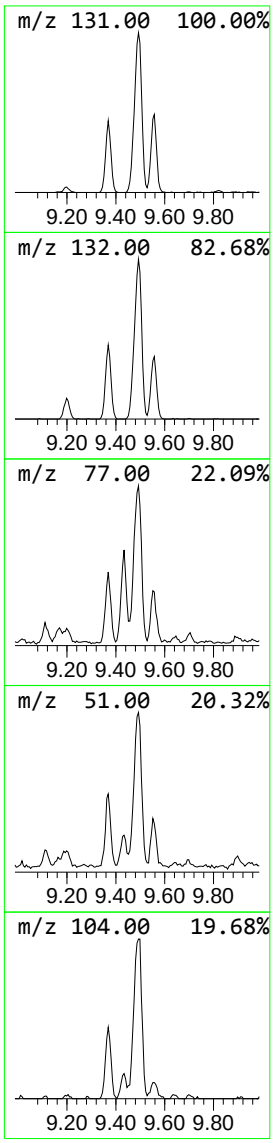
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.487	5.41 ng/ul	676094	Naphthalene-d8	10.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	96
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





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BNA_M
ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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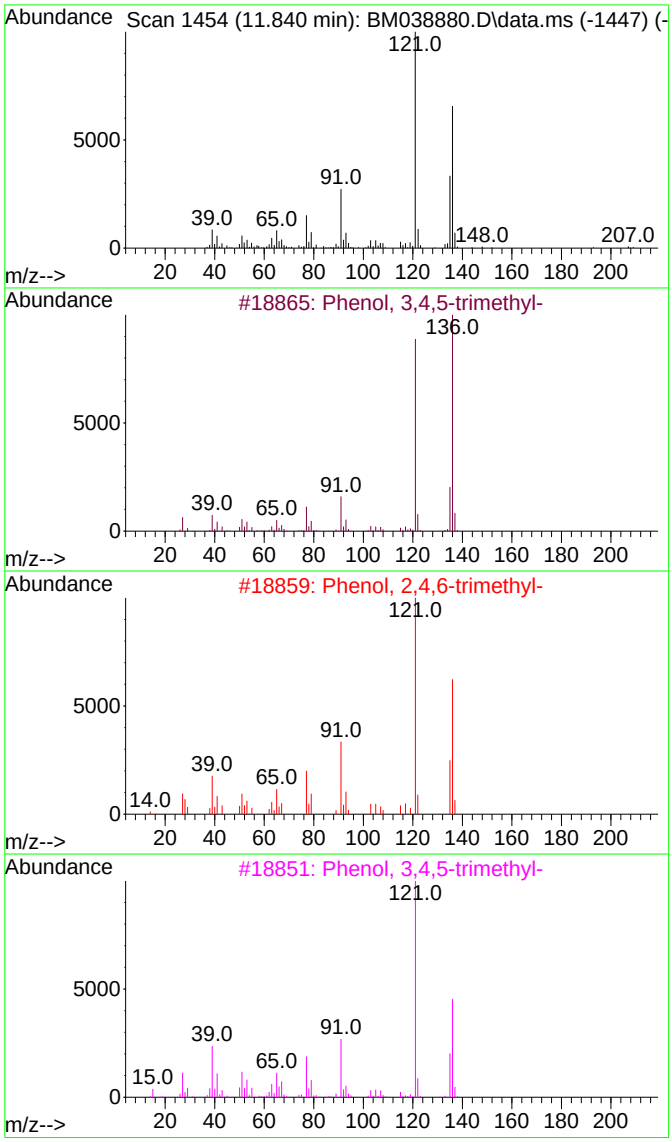
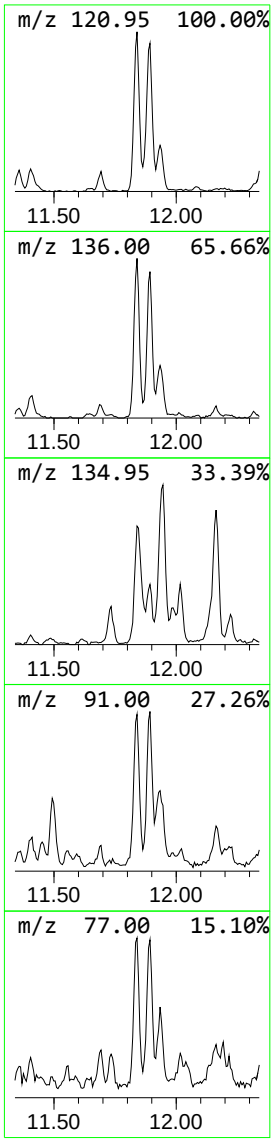
Peak Number 7 Phenol, 3,4,5-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.840	2.62 ng/ul	327874	Naphthalene-d8	10.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	93
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
4	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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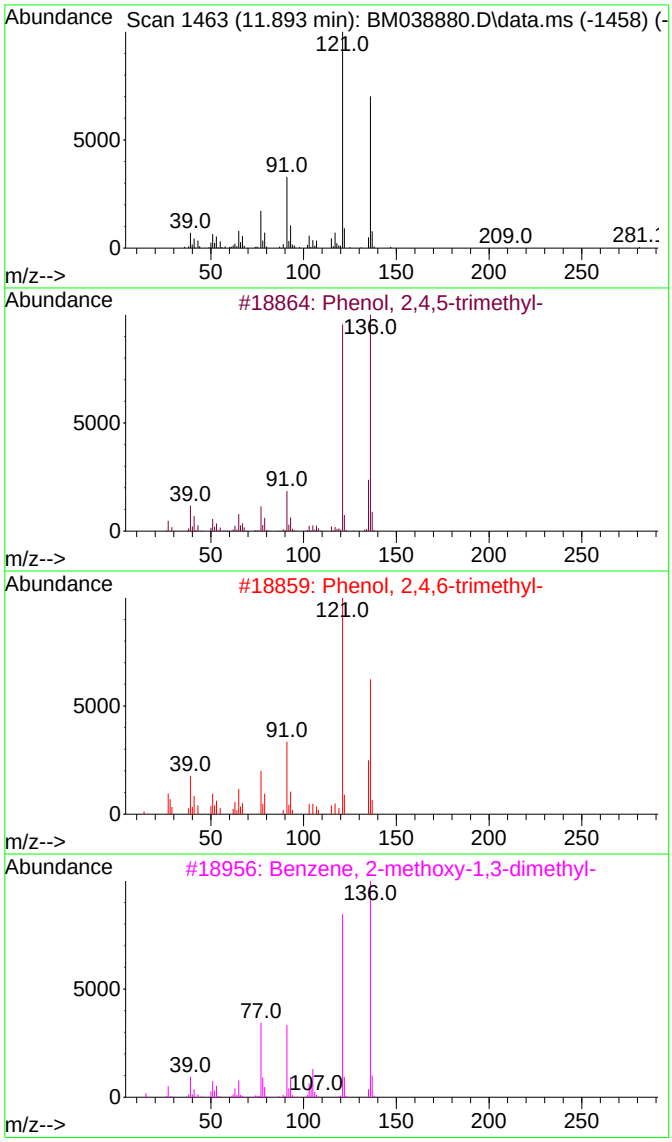
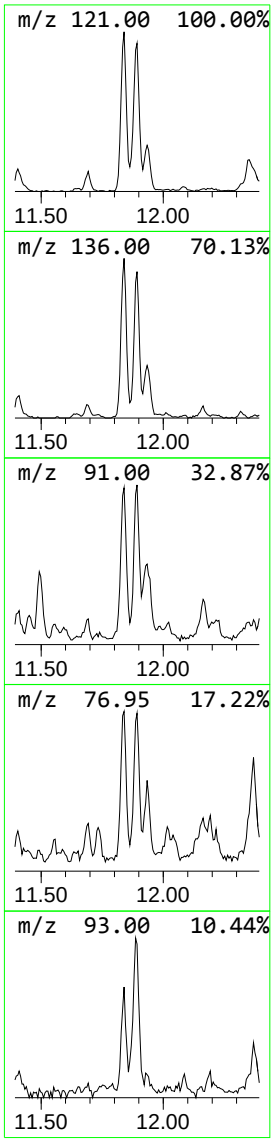
Peak Number 8 Phenol, 2,4,5-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.893	2.19 ng/ul	274102	Naphthalene-d8	10.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
3	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	91
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91





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Misc :
ALS Vial : 10 Sample Multiplier: 1

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BNA_M
ClientSampleId :
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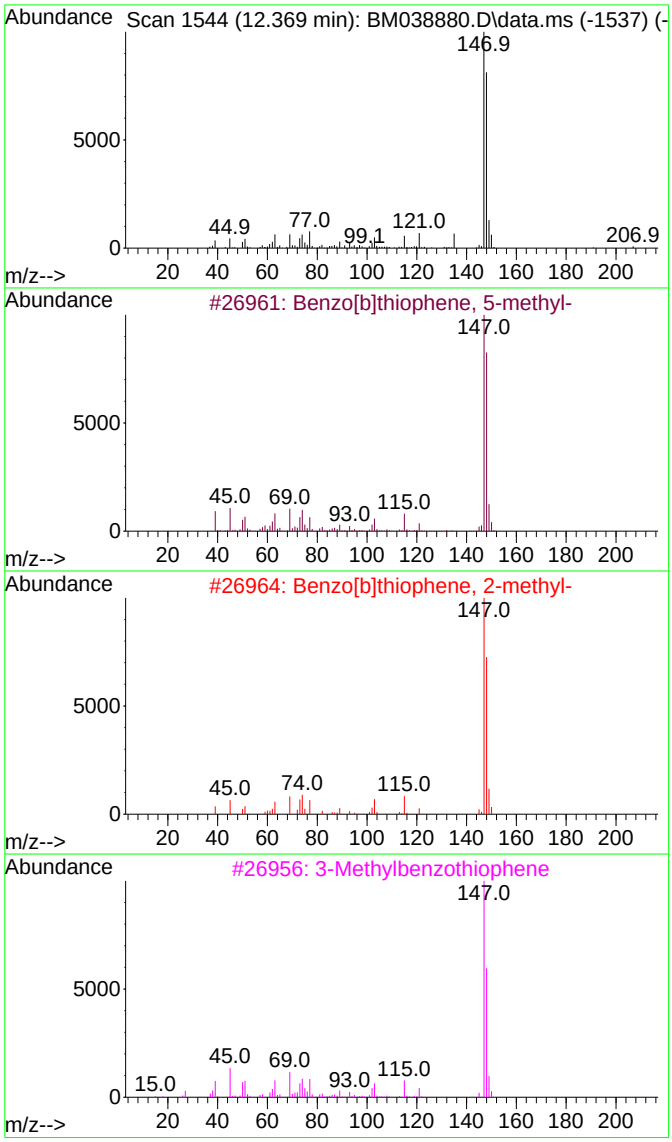
Quant Title : SVOA CALIBRATION

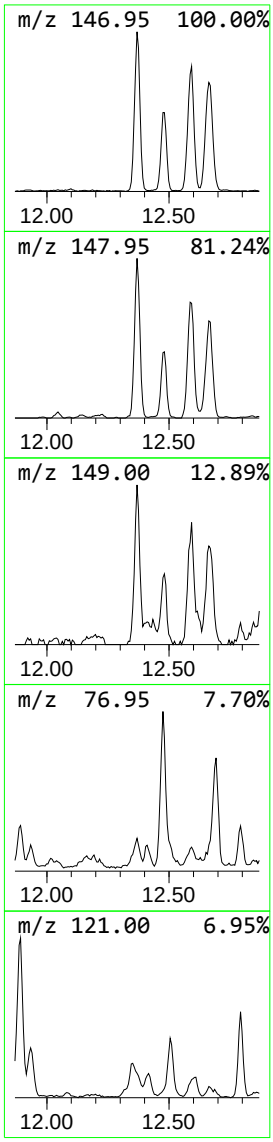
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzo[b]thiophene, 5-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	2.74 ng/ul	343201	Naphthalene-d8	10.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	76





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ALS Vial : 10 Sample Multiplier: 1

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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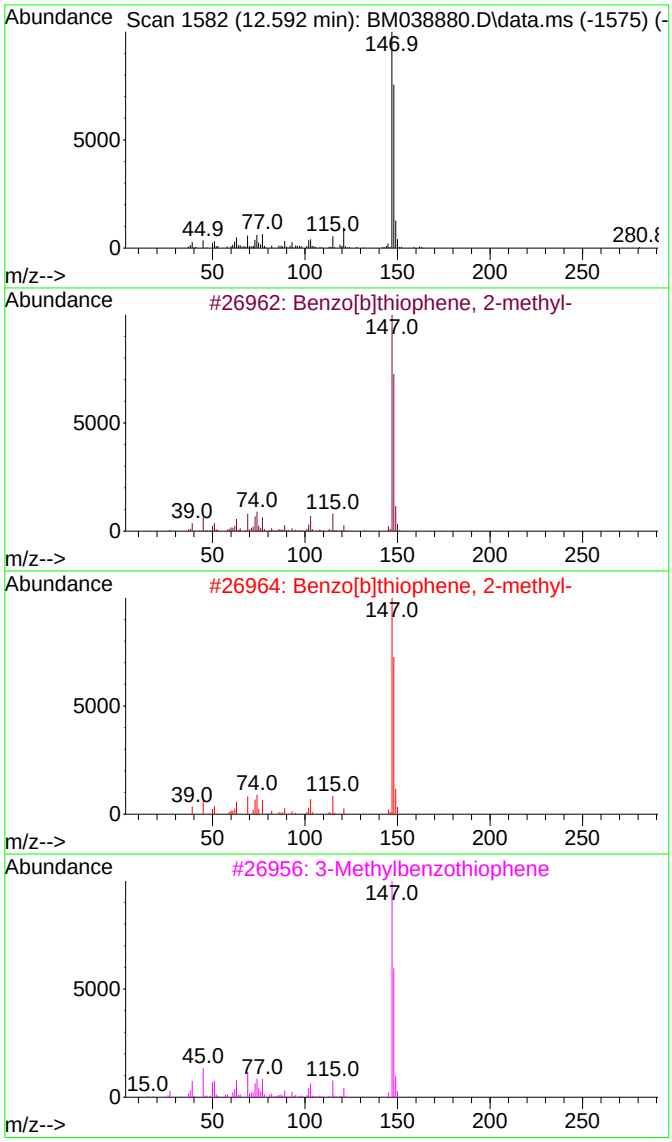
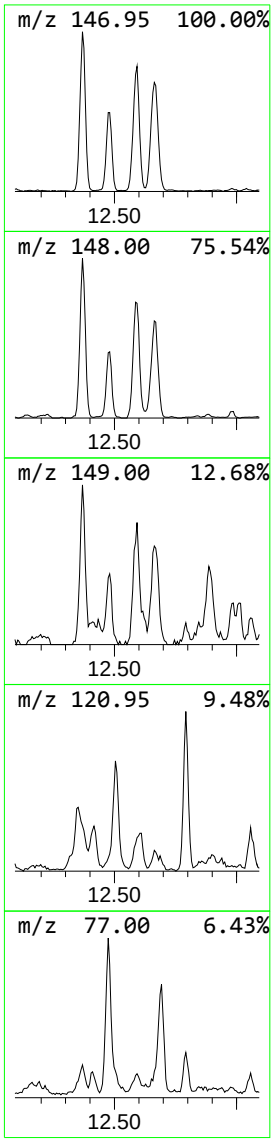
Peak Number 10 Benzo[b]thiophene, 2-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.592	2.33 ng/ul	291957	Naphthalene-d8	10.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	91
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	91
4	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
5	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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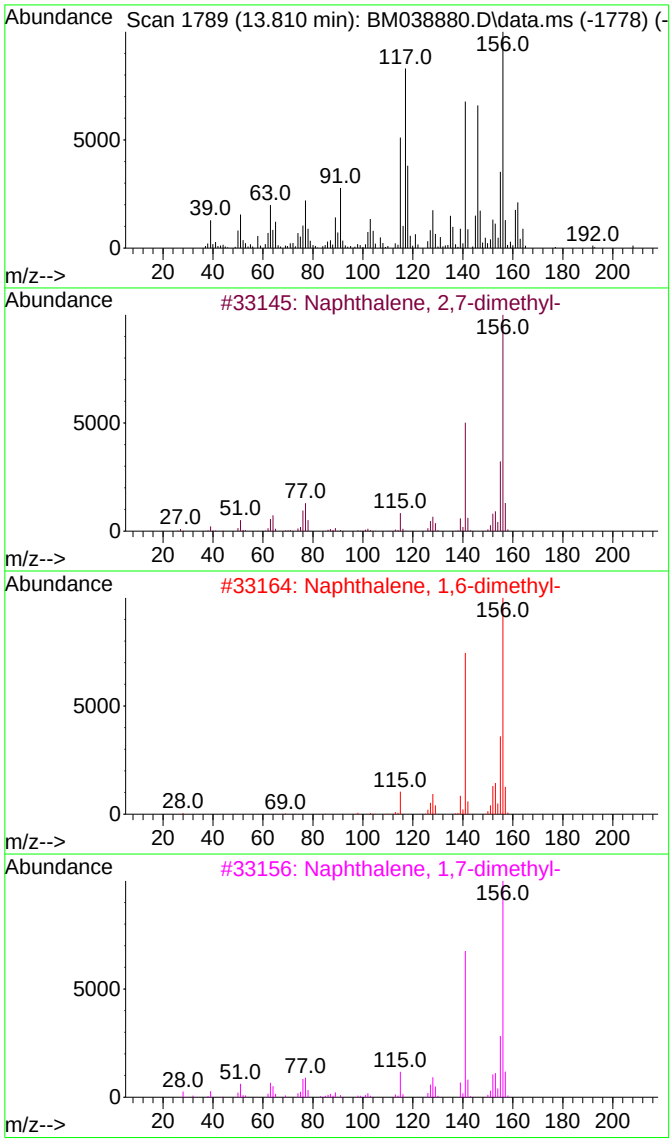
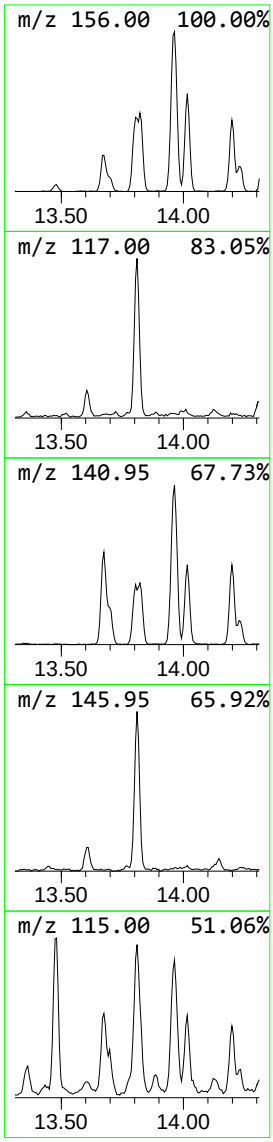
Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	5.07 ng/ul	980280	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86





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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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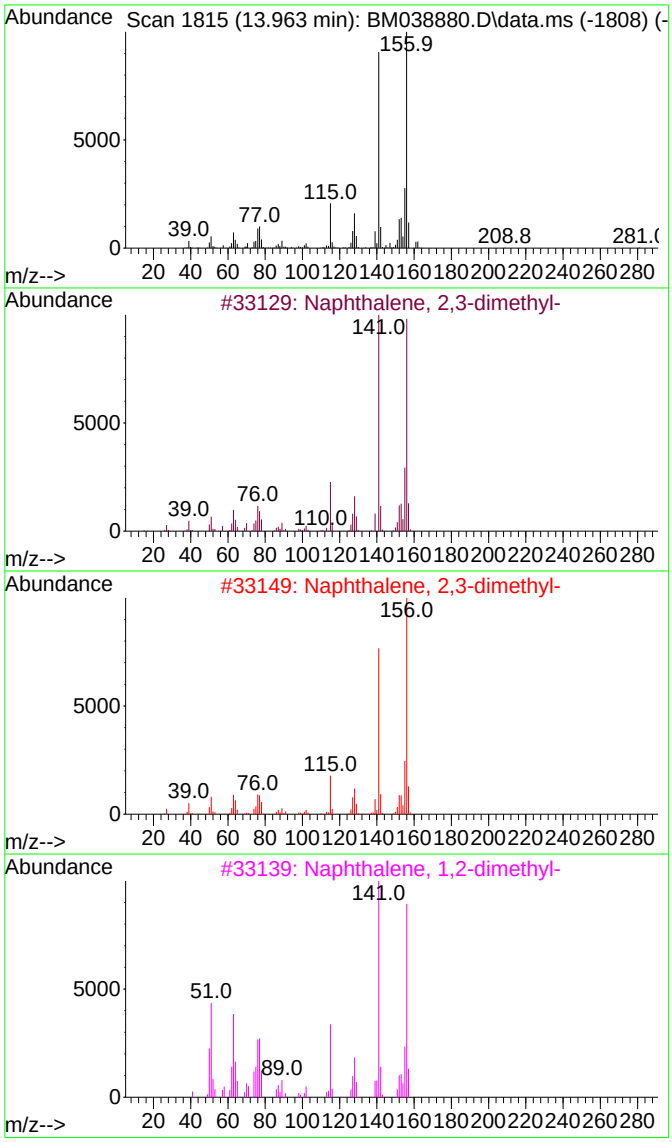
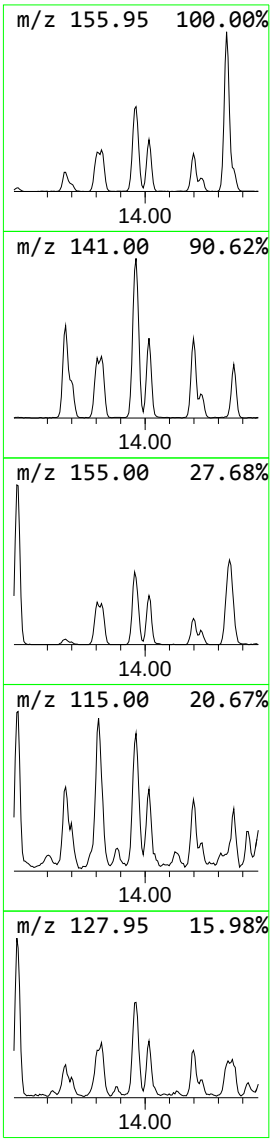
Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	4.11 ng/ul	795936	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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Peak Number 13 o-Hydroxybiphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	5.13 ng/ul	992538	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
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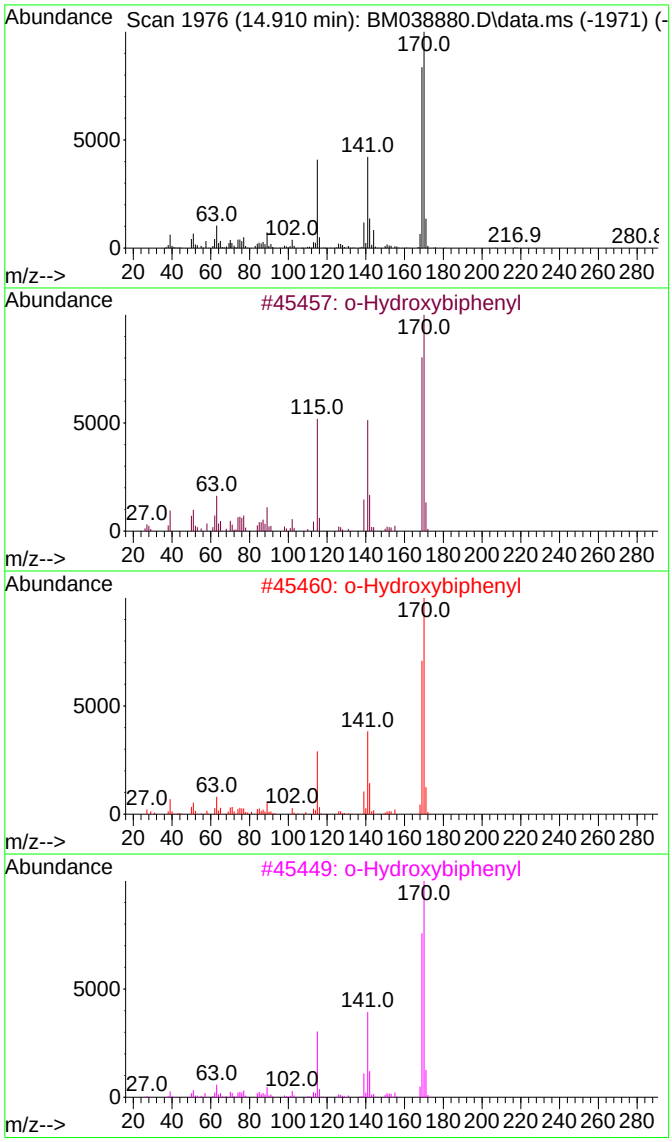
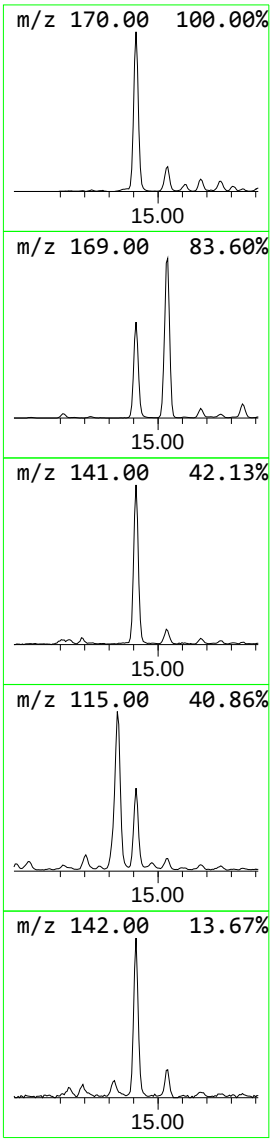
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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Peak Number 14 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.175	8.09 ng/ul	1566460	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
2	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
3	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
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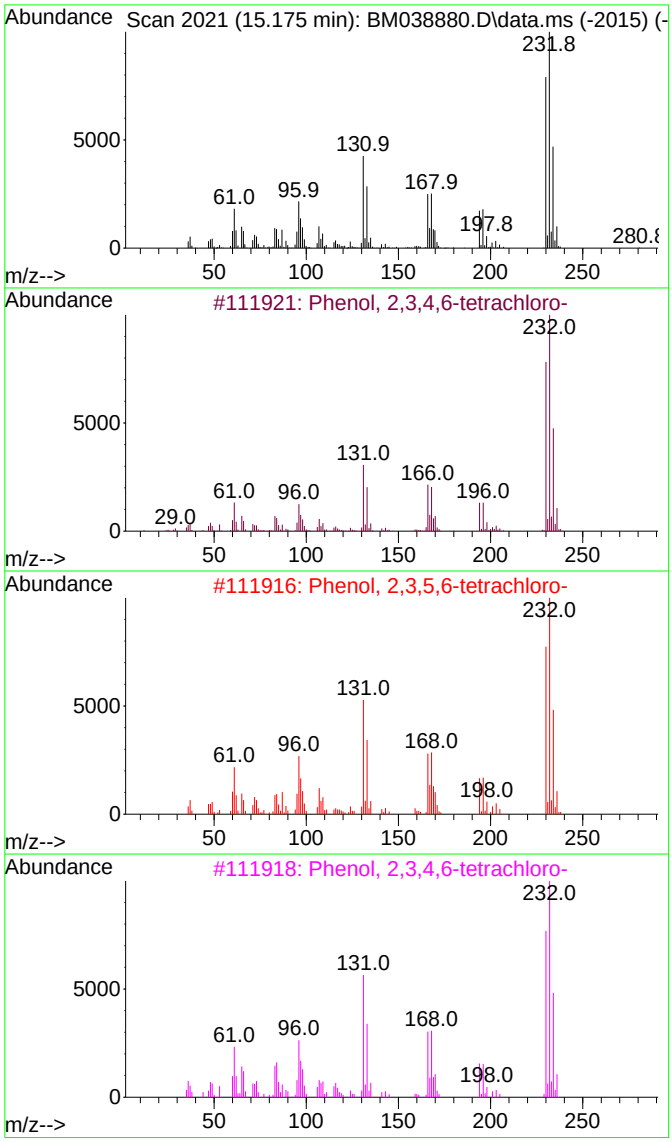

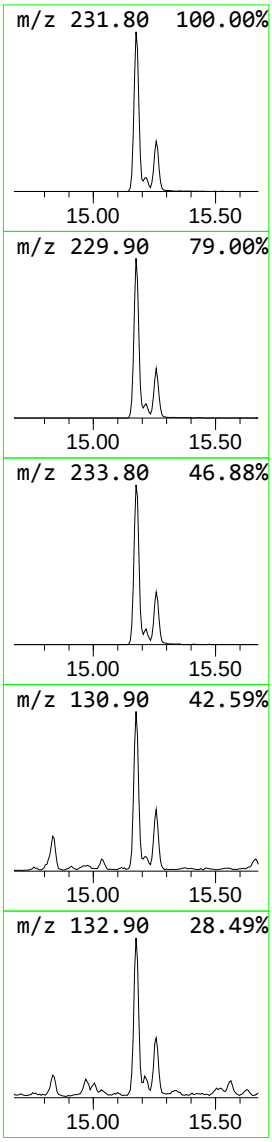

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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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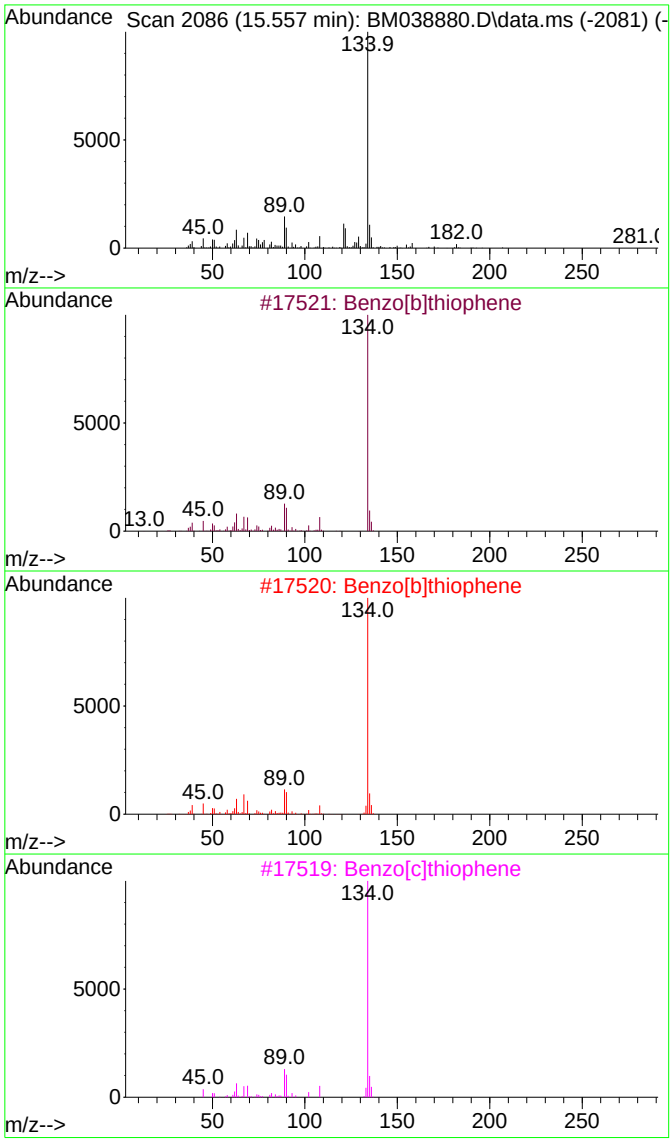
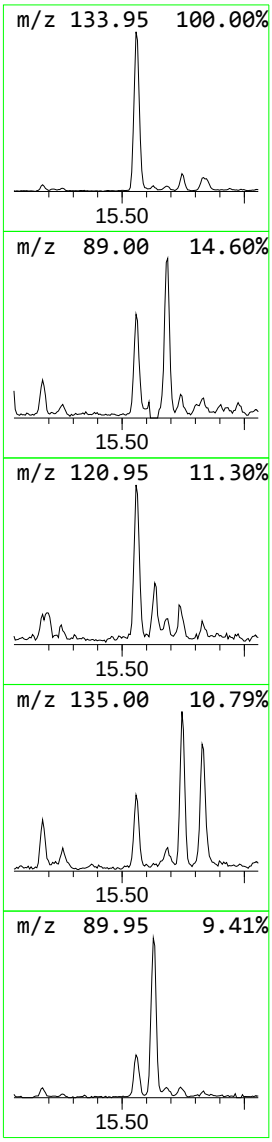
Peak Number 15 Benzo[b]thiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.557	2.32 ng/ul	449831	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	93
2	Benzo[b]thiophene	134	C8H6S	000095-15-8	90
3	Benzo[c]thiophene	134	C8H6S	000270-82-6	90
4	Benzo[b]thiophene	134	C8H6S	000095-15-8	81
5	Cyclopenta[c]thiapyran	134	C8H6S	000270-63-3	81





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Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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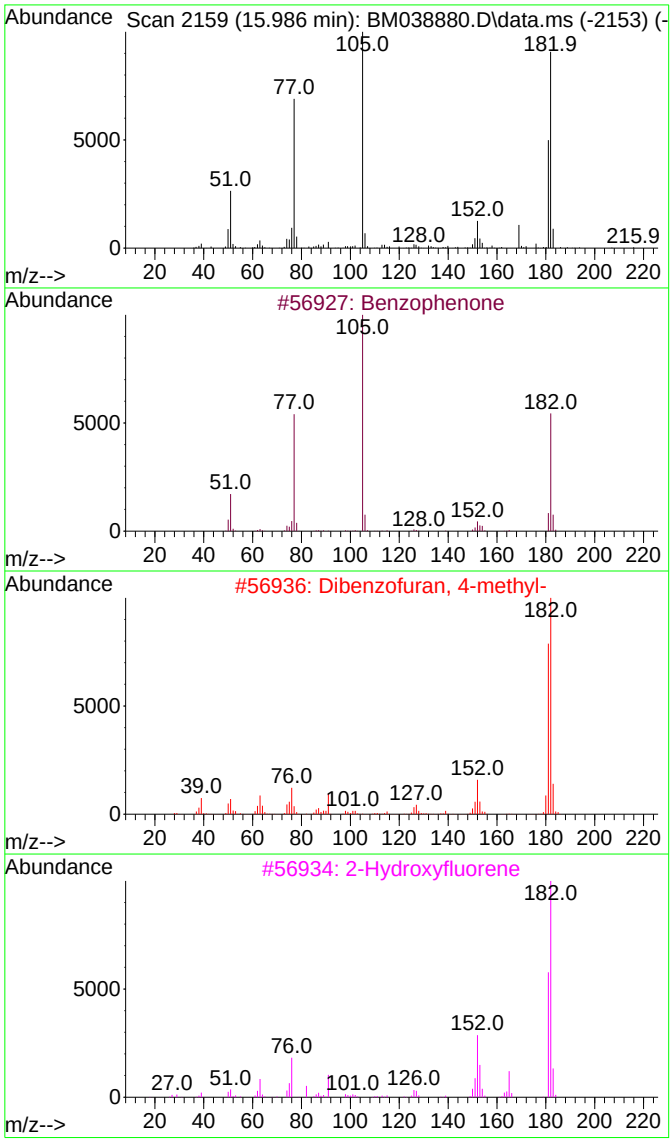
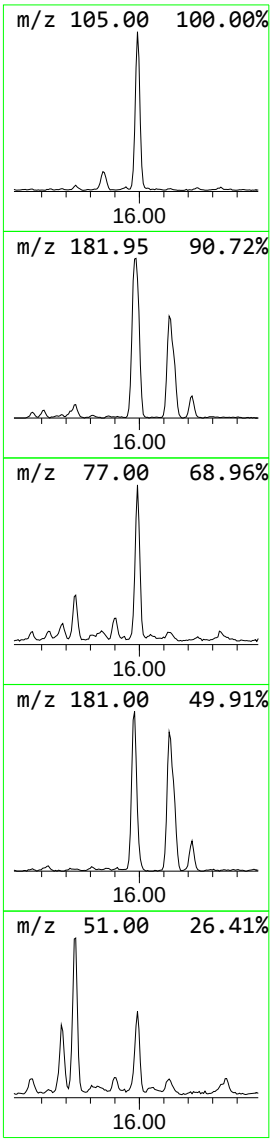
Peak Number 16 Benzophenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	3.35 ng/ul	648506	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	68
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	53
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	49
4	1-(Difluoromethyl)-6-methylpyrro...	182	C9H8F2N2	1000411-14-9	47
5	Azobenzene	182	C12H10N2	000103-33-3	47





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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

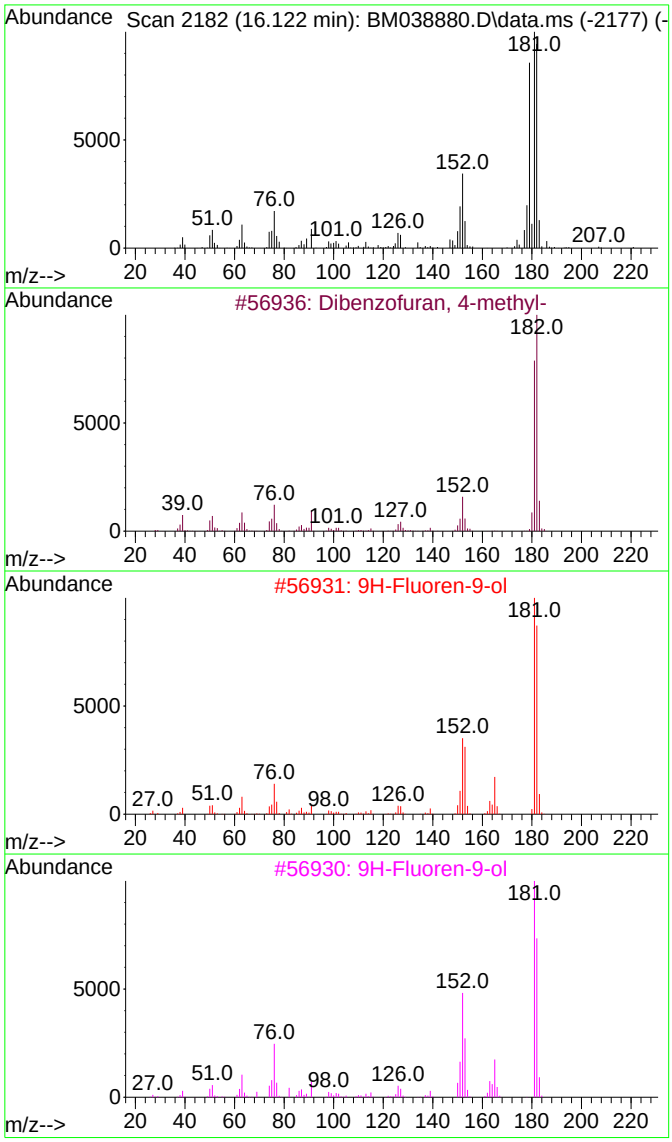
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

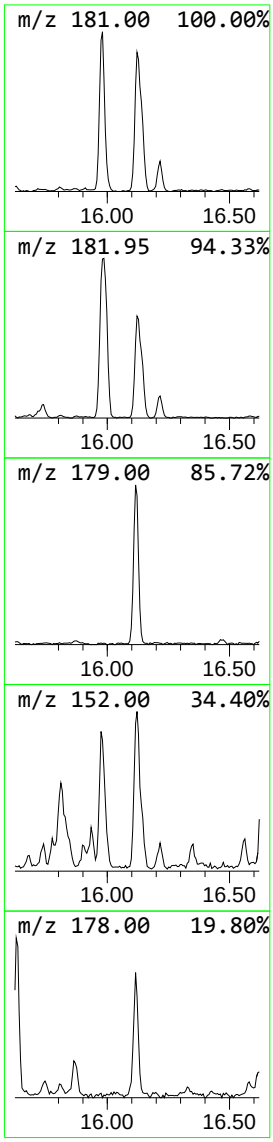
****

Peak Number 17 Dibenzofuran, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.122	2.44 ng/ul	523039	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	49
4	Acridine	179	C13H9N	000260-94-6	46
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	46





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Data File : BM038880.D
Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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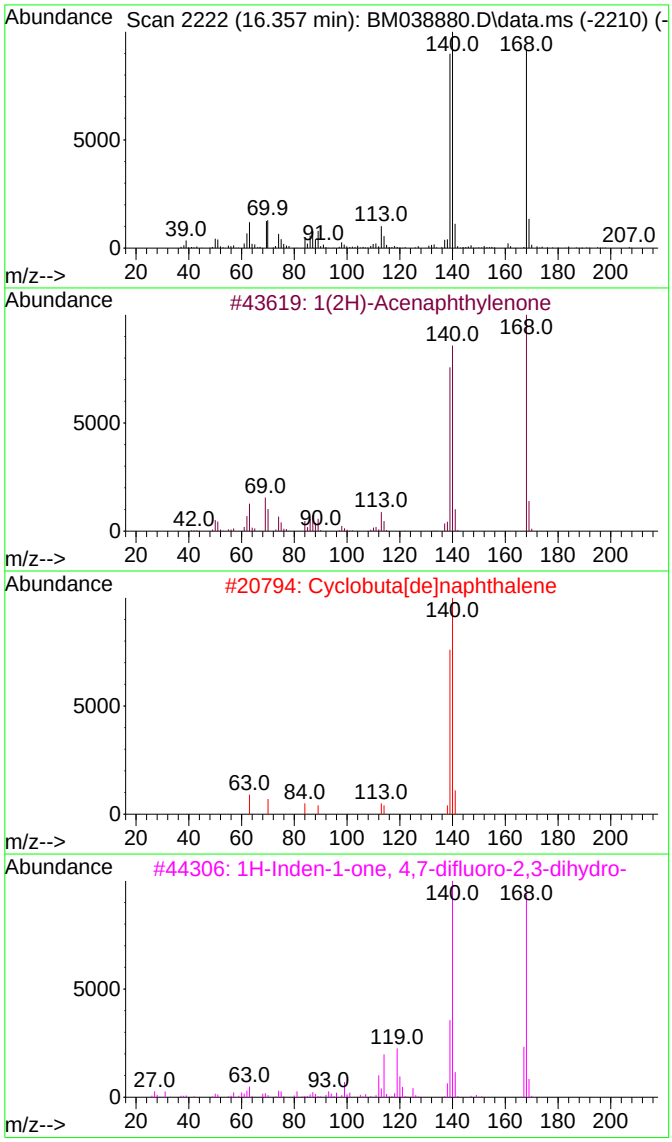
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

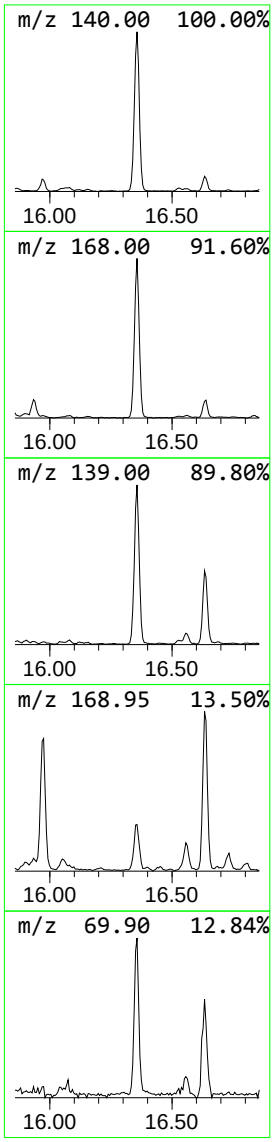
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.357	4.09 ng/ul	875928	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	97
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	64
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
4	Dibenzofuran	168	C12H8O	000132-64-9	52
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50





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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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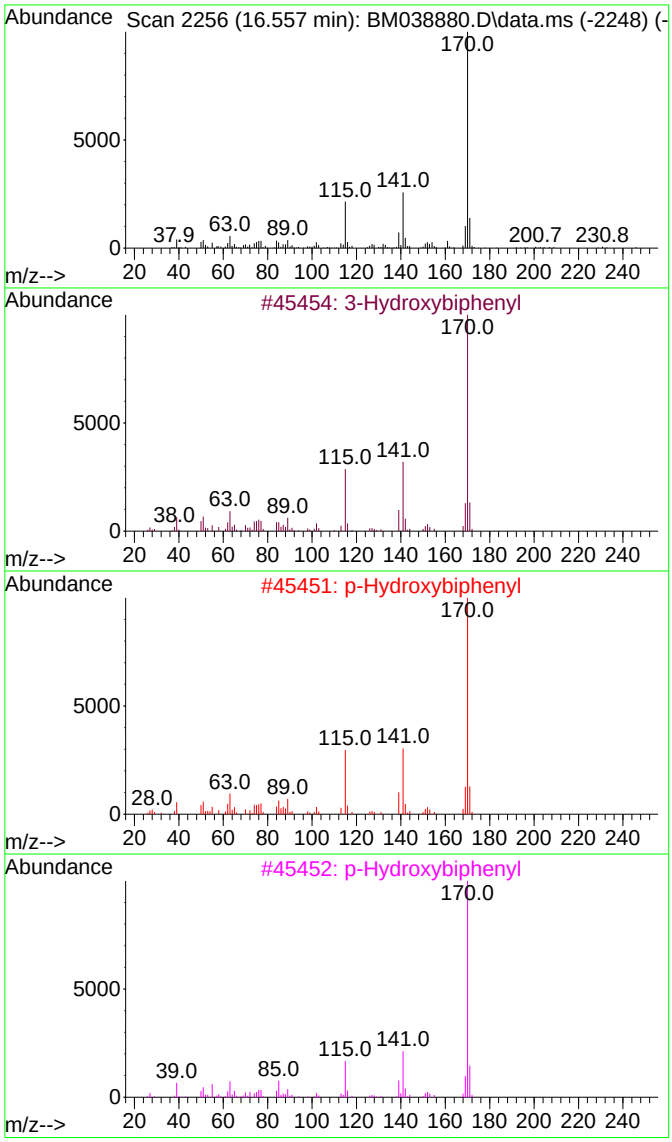
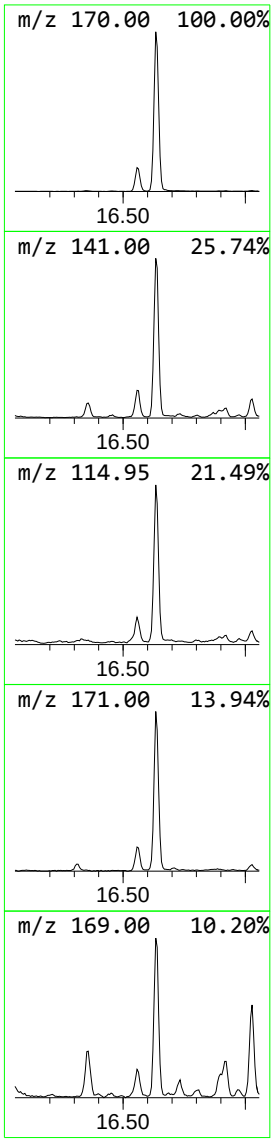
Peak Number 19 3-Hydroxybiphenyl Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.557	2.03 ng/ul	434416	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
2	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	90





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Data File : BM038880.D
Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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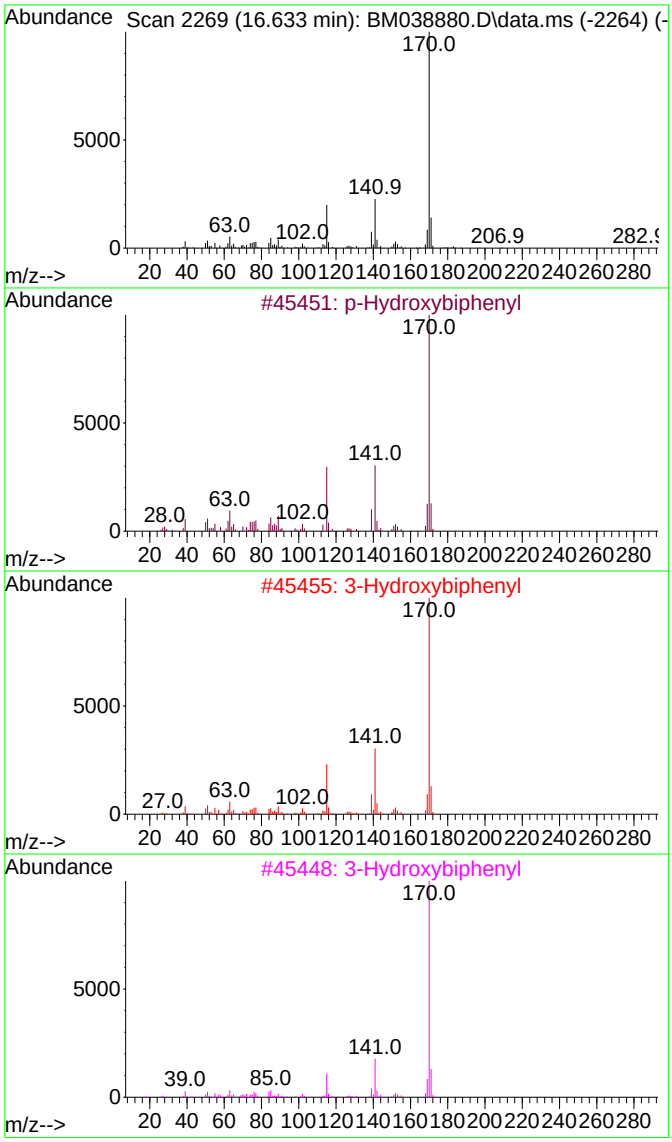
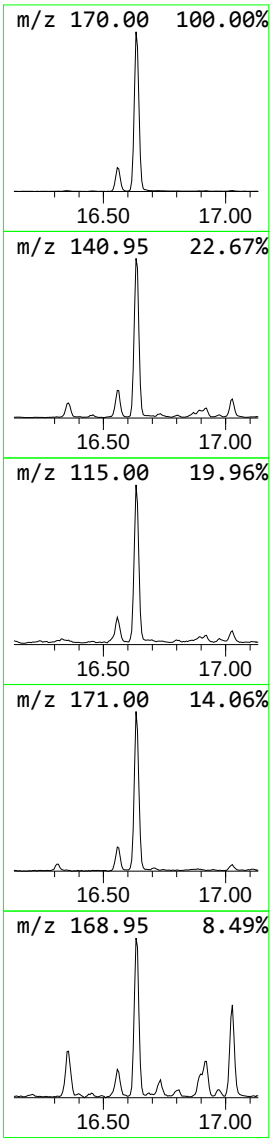
Peak Number 20 p-Hydroxybiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	9.13 ng/ul	1956700	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	96
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	96
3	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90





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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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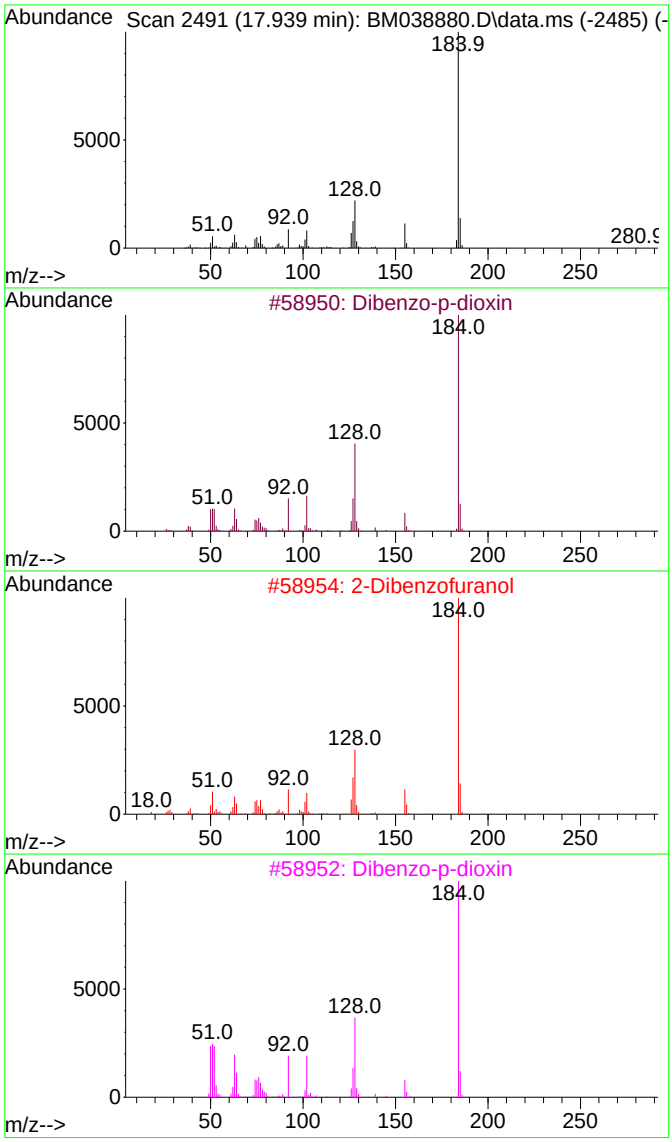
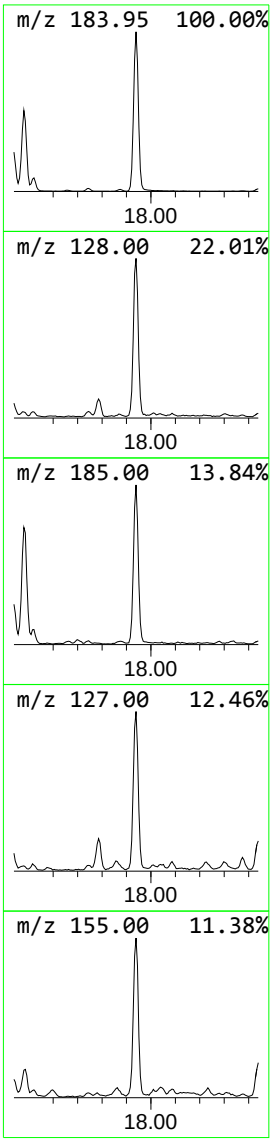
Peak Number 21 Dibenzo-p-dioxin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	10.43 ng/ul	2235250	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	94
2	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91





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Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

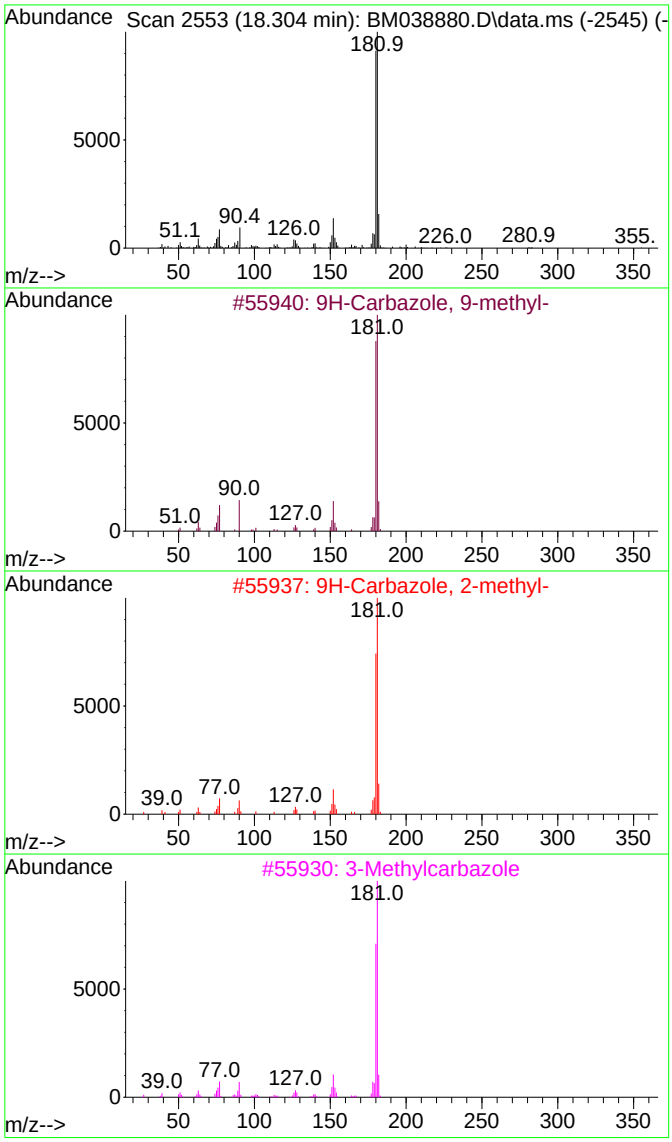
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

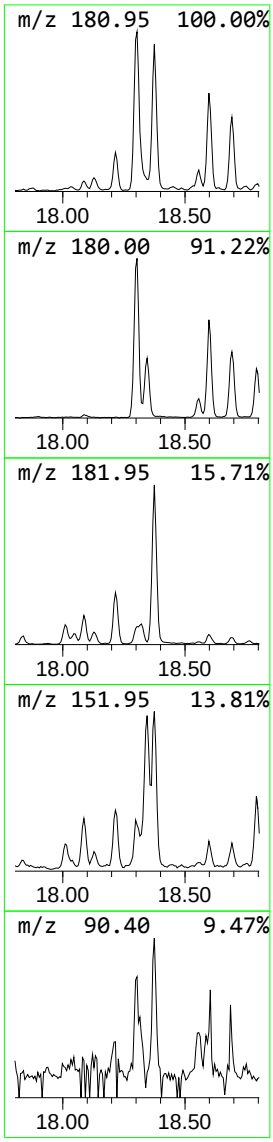
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 9H-Carbazole, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.304	3.11 ng/ul	667736	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	97
2	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	97
3	3-Methylcarbazole	181	C13H11N	004630-20-0	96
4	4-Methylcarbazole	181	C13H11N	003770-48-7	96
5	4-Methylcarbazole	181	C13H11N	003770-48-7	95





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Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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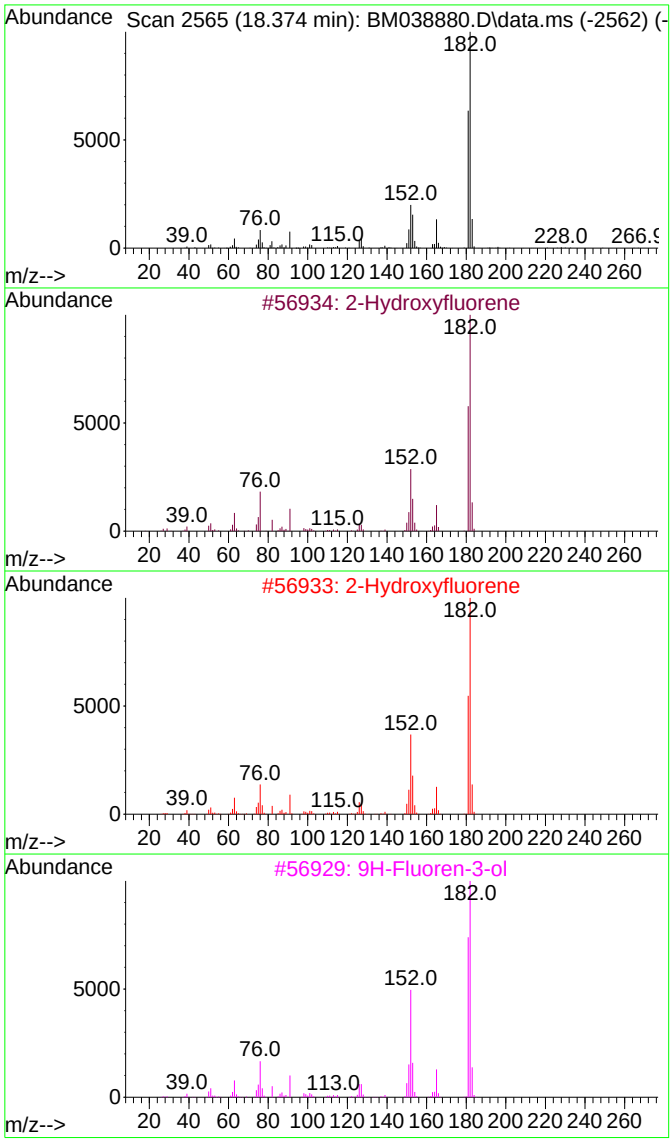
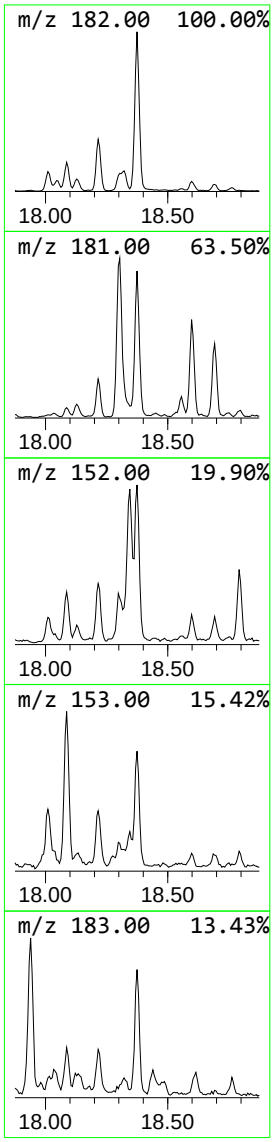
Peak Number 23 2-Hydroxyfluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	2.86 ng/ul	614084	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	91
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
4	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	58
5	2,3-Dihydro-1-oxo-1H-phenalene	182	C13H10O	000518-85-4	58





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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

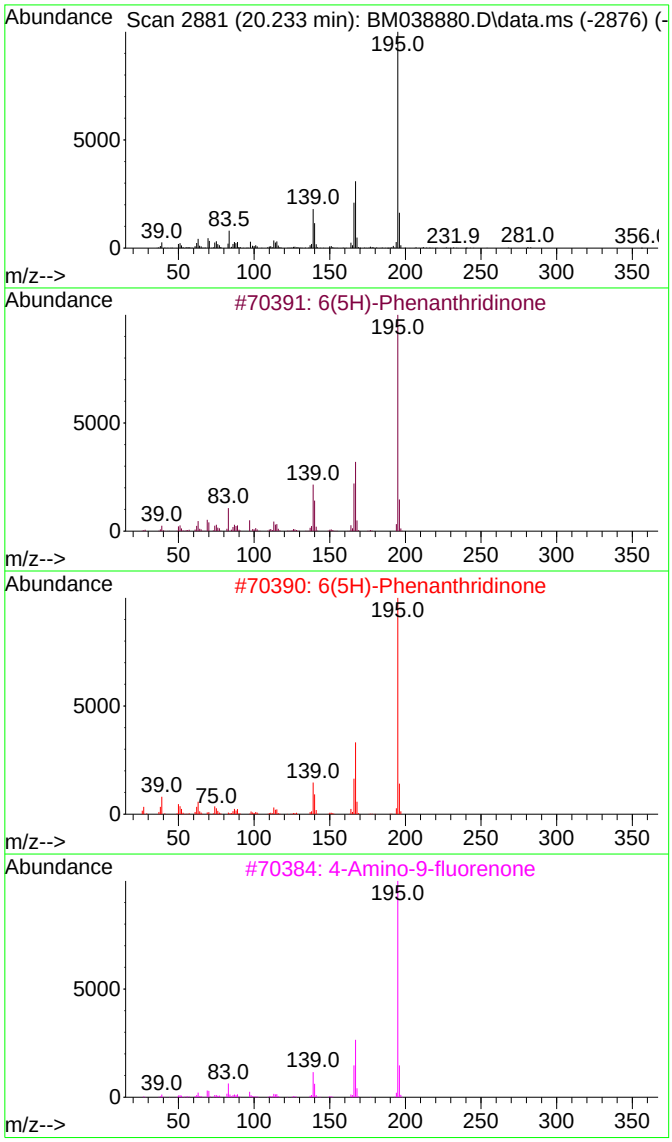
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

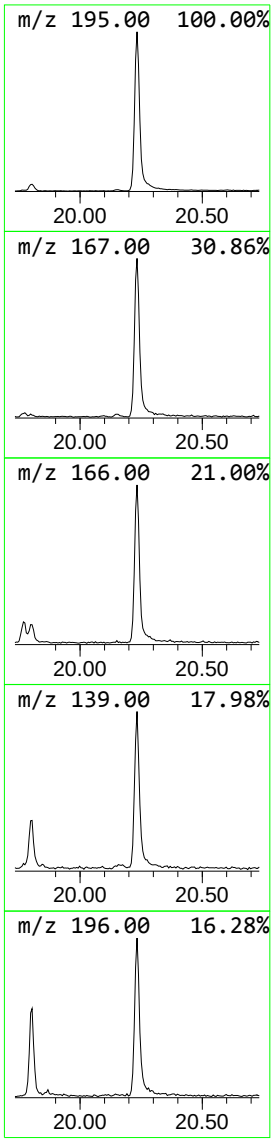
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 24 6(5H)-Phenanthridinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	3.74 ng/ul	831135	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	3-Acridinol	195	C13H9NO	007132-70-9	94





Tentatively Identified Compound (LSC) summary

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Data File : BM038880.D
Acq On : 06 Mar 2023 20:27
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-di...	5.999	3.2	ng/ul	266795	1	8.005	1684260	20.0
Benzofuran	7.722	10.9	ng/ul	913611	1	8.005	1684260	20.0
Indene	8.546	3.5	ng/ul	298516	1	8.005	1684260	20.0
Benzonitrile, 4...	8.852	15.8	ng/ul	1327880	1	8.005	1684260	20.0
Benzofuran, 7-m...	9.369	2.6	ng/ul	217282	1	8.005	1684260	20.0
Benzofuran, 2-m...	9.487	5.4	ng/ul	676094	2	10.822	2501220	20.0
Phenol, 3,4,5-t...	11.840	2.6	ng/ul	327874	2	10.822	2501220	20.0
Phenol, 2,4,5-t...	11.893	2.2	ng/ul	274102	2	10.822	2501220	20.0
Benzo[b]thiophe...	12.369	2.7	ng/ul	343201	2	10.822	2501220	20.0
Benzo[b]thiophe...	12.592	2.3	ng/ul	291957	2	10.822	2501220	20.0
Naphthalene, 2,...	13.810	5.1	ng/ul	980280	3	14.639	3870660	20.0
Naphthalene, 2,...	13.963	4.1	ng/ul	795936	3	14.639	3870660	20.0
o-Hydroxybiphenyl	14.910	5.1	ng/ul	992538	3	14.639	3870660	20.0
Phenol, 2,3,5,6...	15.175	8.1	ng/ul	1566460	3	14.639	3870660	20.0
Benzo[b]thiophene	15.557	2.3	ng/ul	449831	3	14.639	3870660	20.0
Benzophenone	15.986	3.4	ng/ul	648506	3	14.639	3870660	20.0
Dibenzofuran, 4...	16.122	2.4	ng/ul	523039	4	17.380	4287760	20.0
1(2H)-Acenaphth...	16.357	4.1	ng/ul	875928	4	17.380	4287760	20.0
3-Hydroxybiphenyl	16.557	2.0	ng/ul	434416	4	17.380	4287760	20.0
p-Hydroxybiphenyl	16.633	9.1	ng/ul	1956700	4	17.380	4287760	20.0
Dibenzo-p-dioxin	17.939	10.4	ng/ul	2235250	4	17.380	4287760	20.0
9H-Carbazole, 9...	18.304	3.1	ng/ul	667736	4	17.380	4287760	20.0
2-Hydroxyfluorene	18.374	2.9	ng/ul	614084	4	17.380	4287760	20.0
6(5H)-Phenanthr...	20.233	3.7	ng/ul	831135	5	21.562	4439780	20.0