LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038913.D
Acq On : 08 Mar 2023 01:57
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 25 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: BM038913.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	86	88	104	rBV	343451	555855	0.87%	0.223%
2	5.993	449	460	468	rBV	173833	274814	0.43%	0.110%
3	7.151	650	657	664	rVB	268651	423742	0.66%	0.170%
4	7.328	677	687	694	rBV	1171154	1835587	2.87%	0.738%
5	7.528	713	721	729	rBV	1038383	1625554	2.54%	0.653%
6	7.722	747	754	761	rVB	579912	925578	1.45%	0.372%
7	7.998	794	801	810	rBV	1029725	1624806	2.54%	0.653%
8	8.540	889	893	904	rVB	191586	320478	0.50%	0.129%
9	8.704	915	921	930	rVB	863102	1331061	2.08%	0.535%
10	8.851	939	946	956	rVB	846928	1368898	2.14%	0.550%
11	9.163	993	999	1012	rVB	1378728	2343721	3.66%	0.942%
12	9.363	1024	1033	1038	rBV	129453	221758	0.35%	0.089%
13	9.428	1038	1044	1048	rBV	133994	216790	0.34%	0.087%
14	9.487	1048	1054	1060	rVV2	324352	679374	1.06%	0.273%
15	9.551	1060	1065	1070	rVV2	99212	152641	0.24%	0.061%
16	9.892	1115	1123	1130	rBV	1032299	1689300	2.64%	0.679%
17	10.010	1137	1143	1149	rBV	149168	245645	0.38%	0.099%
18	10.428	1207	1214	1232	rVB	1641990	2842548	4.44%	1.142%
19	10.816	1271	1280	1283	rVV	1342766	2349857	3.67%	0.944%
20	10.881	1283	1291	1297	rVV2	32208535	63984794	100.00%	25.713%
21	10.951	1297	1303	1305	rVV	1396139	2374601	3.71%	0.954%
22	10.986	1305	1309	1319	rVB	3353983	5603885	8.76%	2.252%
23	11.833	1447	1453	1458	rBV	205056	354803	0.55%	0.143%
24	11.886	1458	1462	1466	rVV	178738	282485	0.44%	0.114%
25	11.933	1466	1470	1476	rVB4	104240	200703	0.31%	0.081%
26	12.369	1537	1544	1547	rVV	222509	396624	0.62%	0.159%
27	12.404	1547	1550	1555	rVV3	112344	191340	0.30%	0.077%
28	12.475	1555	1562	1575	rVV	5209286	8339314	13.03%	3.351%
29	12.586	1575	1581	1588	rVV	157471	321489	0.50%	0.129%
30	12.686	1588	1598	1607	rVB	3110960	5039847	7.88%	2.025%
31	12.786	1611	1615	1619	rBV	158007	242525	0.38%	0.097%
32	12.828	1619	1622	1628	rVB2	173926	248069	0.39%	0.100%
33	13.133	1665	1674	1677	rVV5	209549	539572	0.84%	0.217%
34	13.169	1677	1680	1686	rVB	138024	223636	0.35%	0.090%
35	13.333	1701	1708	1715	rBV	189322	366645	0.57%	0.147%
36	13.475	1727	1732	1741	rVB	1568528	2237400	3.50%	0.899%

LSC Area Percent Report

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Sample : 01746-10
Misc :
ALS Vial : 25 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	13.810	1777	1789	1797	rBV4	442349	1034794	1.62%	0.416%
38	13.880	1797	1801	1808	rBV6	84653	147153	0.23%	0.059%
39	13.957	1808	1814	1819	rBV	458408	785347	1.23%	0.316%
40	14.010	1819	1823	1825	rVV	230969	321819	0.50%	0.129%
41	14.045	1825	1829	1836	rVB	3639854	5008765	7.83%	2.013%
42	14.198	1850	1855	1858	rBV	190103	289172	0.45%	0.116%
43	14.333	1871	1878	1888	rVB	3968305	6494274	10.15%	2.610%
44	14.474	1896	1902	1908	rVB6	74949	174026	0.27%	0.070%
45	14.639	1918	1930	1935	rVV	2439909	3918650	6.12%	1.575%
46	14.698	1935	1940	1946	rVV	4370754	6403153	10.01%	2.573%
47	14.763	1946	1951	1956	rVV	2041470	2905398	4.54%	1.168%
48	14.833	1956	1963	1970	rVV2	897728	1850557	2.89%	0.744%
49	14.910	1970	1976	1981	rVV	765249	1178664	1.84%	0.474%
50	14.974	1984	1987	1991	rVV4	88003	167569	0.26%	0.067%
51	15.033	1991	1997	2004	rVV	4291757	5989947	9.36%	2.407%
52	15.174	2015	2021	2026	rBV	1102120	1669546	2.61%	0.671%
53	15.257	2030	2035	2040	rVB	409376	605710	0.95%	0.243%
54	15.557	2081	2086	2091	rBV	262977	421584	0.66%	0.169%
55	15.627	2092	2098	2103	rVV	5303053	7542423	11.79%	3.031%
56	15.680	2103	2107	2112	rVV	2954839	4198028	6.56%	1.687%
57	15.739	2112	2117	2124	rVB2	1976361	2962458	4.63%	1.191%
58	15.804	2124	2128	2131	rBV2	137615	208279	0.33%	0.084%
59	15.898	2140	2144	2148	rBV2	235580	292301	0.46%	0.117%
60	15.986	2152	2159	2164	rVB4	332893	674606	1.05%	0.271%
61	16.051	2164	2170	2173	rBV2	96102	171791	0.27%	0.069%
62	16.116	2177	2181	2191	rVB2	266629	548907	0.86%	0.221%
63	16.351	2210	2221	2234	rVB2	472048	962397	1.50%	0.387%
64	16.557	2248	2256	2263	rBV	253050	457645	0.72%	0.184%
65	16.633	2263	2269	2276	rBV	1511682	2132760	3.33%	0.857%
66	16.868	2300	2309	2314	rBV3	121168	310793	0.49%	0.125%
67	16.974	2323	2327	2330	rBV	130617	208385	0.33%	0.084%
68	17.027	2330	2336	2344	rVB2	2330717	3415265	5.34%	1.372%
69	17.198	2361	2365	2370	rVB	320853	459979	0.72%	0.185%
70	17.268	2371	2377	2383	rBV2	138938	229449	0.36%	0.092%
71	17.327	2383	2387	2391	rBV	303011	394929	0.62%	0.159%
72	17.380	2391	2396	2399	rVV	3075025	4269174	6.67%	1.716%
73	17.421	2399	2403	2408	rVV	3241914	4908495	7.67%	1.973%
74	17.480	2408	2413	2417	rVV	6169902	8706308	13.61%	3.499%
75	17.515	2417	2419	2423	rVB2	407030	442414	0.69%	0.178%
76	17.786	2454	2465	2471	rBV	9903567	14118433	22.07%	5.674%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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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
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If leading or trailing edge < 100 prefer < Baseline drop else tangent >
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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Title : SVOA CALIBRATION

77	17.933	2485	2490	2497	rBV	1714121	2394469	3.74%	0.962%
78	18.086	2512	2516	2519	rVB	173960	222467	0.35%	0.089%
79	18.127	2519	2523	2528	rVB4	109699	157471	0.25%	0.063%
80	18.215	2534	2538	2543	rVB	172954	242151	0.38%	0.097%
81	18.298	2544	2552	2556	rVV3	363526	697421	1.09%	0.280%
82	18.345	2557	2560	2561	rVV	180145	223702	0.35%	0.090%
83	18.368	2561	2564	2571	rVB	496735	727844	1.14%	0.292%
84	18.445	2572	2577	2582	rBV3	143814	290251	0.45%	0.117%
85	18.562	2594	2597	2600	rVV3	138565	232732	0.36%	0.094%
86	18.598	2600	2603	2606	rVV2	190429	270025	0.42%	0.109%
87	18.633	2606	2609	2614	rVB	163611	201400	0.31%	0.081%
88	18.692	2614	2619	2624	rBV2	284599	425924	0.67%	0.171%
89	18.745	2624	2628	2633	rVV	236613	340157	0.53%	0.137%
90	18.792	2633	2636	2640	rVB3	155031	187547	0.29%	0.075%
91	19.257	2710	2715	2720	rBV	273333	444453	0.69%	0.179%
92	19.427	2741	2744	2750	rVB	136897	190789	0.30%	0.077%
93	19.515	2755	2759	2762	rBV3	167026	261281	0.41%	0.105%
94	19.768	2796	2802	2816	rBV	7752412	10684936	16.70%	4.294%
95	20.227	2876	2880	2887	rBV	602712	865983	1.35%	0.348%
96	20.880	2987	2991	2996	rVB2	111127	190234	0.30%	0.076%
97	21.262	3053	3056	3061	rVB2	211761	232146	0.36%	0.093%
98	21.556	3100	3106	3114	rBV	3506201	4722556	7.38%	1.898%
99	23.850	3488	3496	3504	rBV2	5384855	10693476	16.71%	4.297%
100	24.003	3515	3522	3532	rVB2	2481057	4983228	7.79%	2.003%

Sum of corrected areas: 248839729

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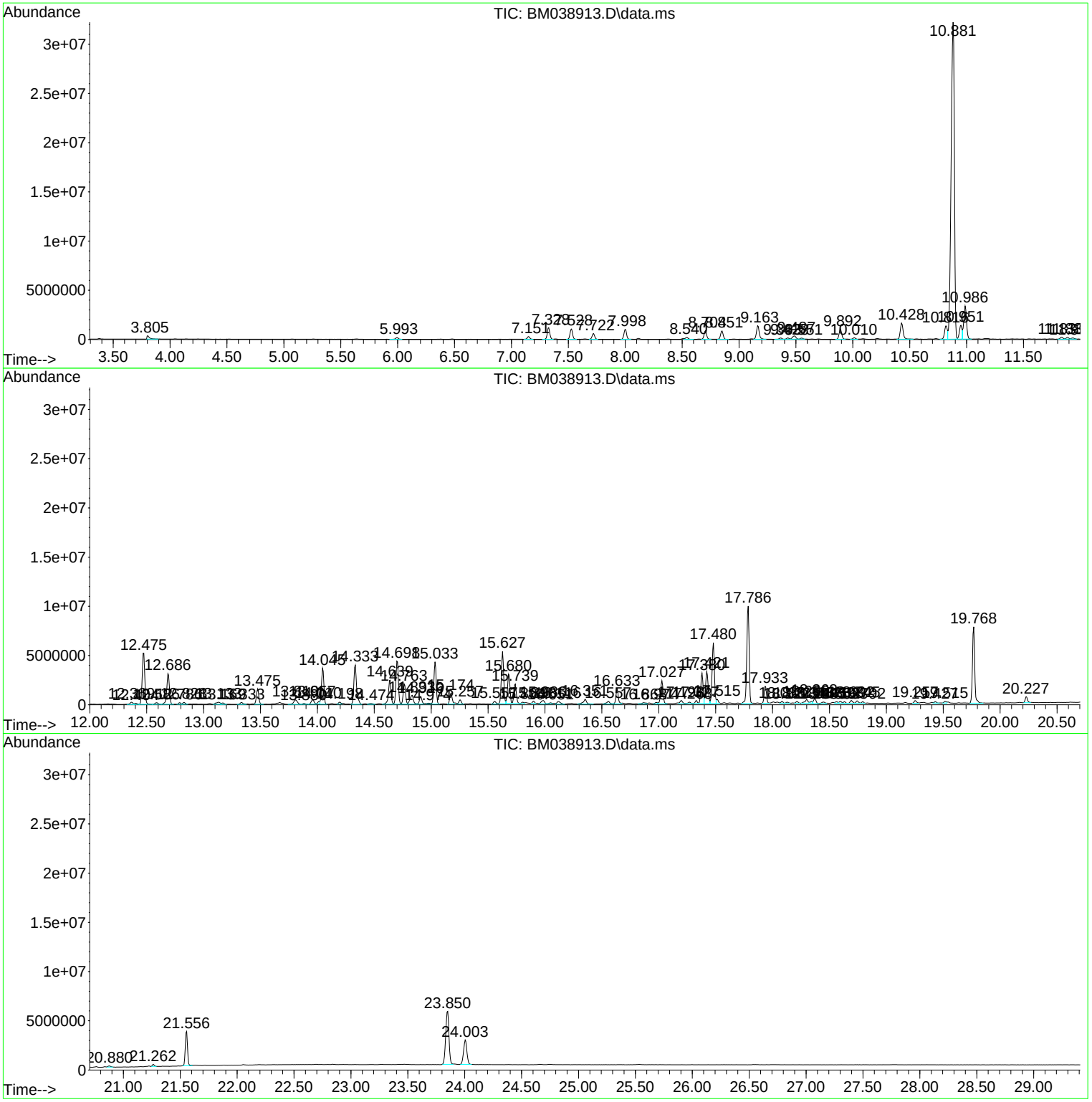
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038913.D
Acq On : 08 Mar 2023 01:57
Operator : CG/JU
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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

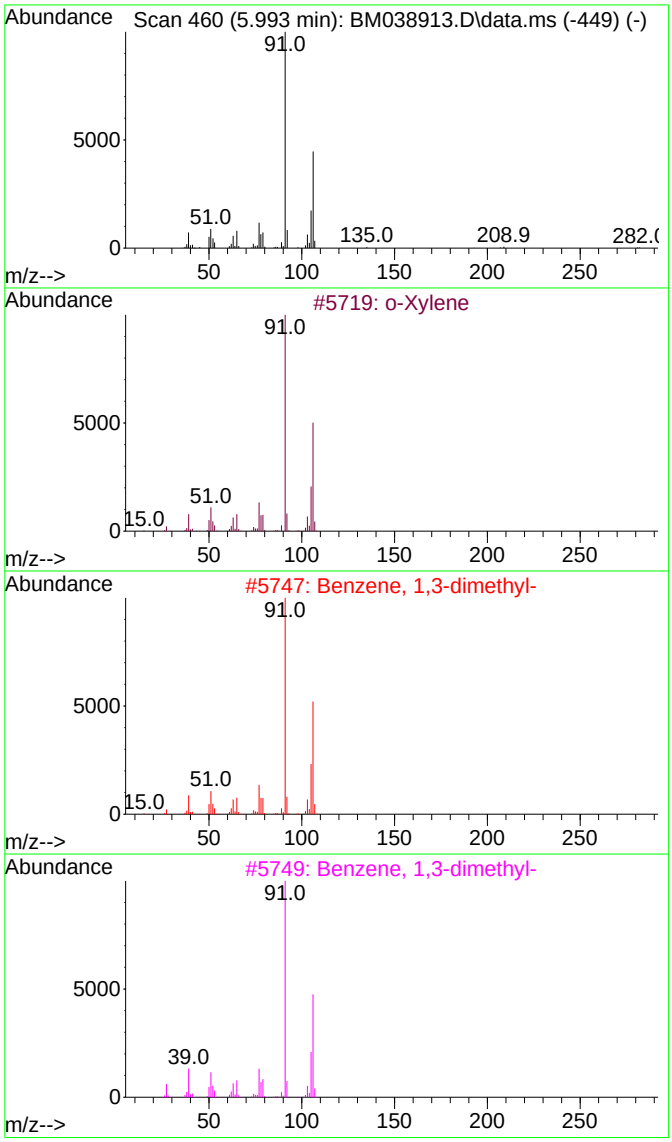
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

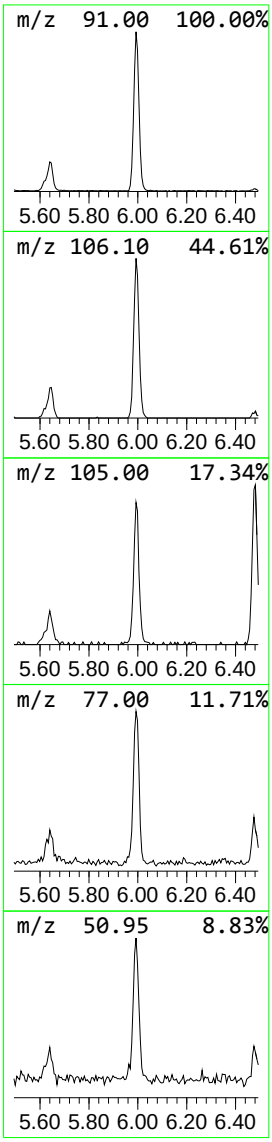
****

Peak Number 1 o-Xylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.993	3.38 ng/ul	274814	1,4-Dichlorobenzene-d4	7.998

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	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
4	p-Xylene	106	C8H10	000106-42-3	97
5	o-Xylene	106	C8H10	000095-47-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038913.D
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Operator : CG/JU
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ALS Vial : 25 Sample Multiplier: 1

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

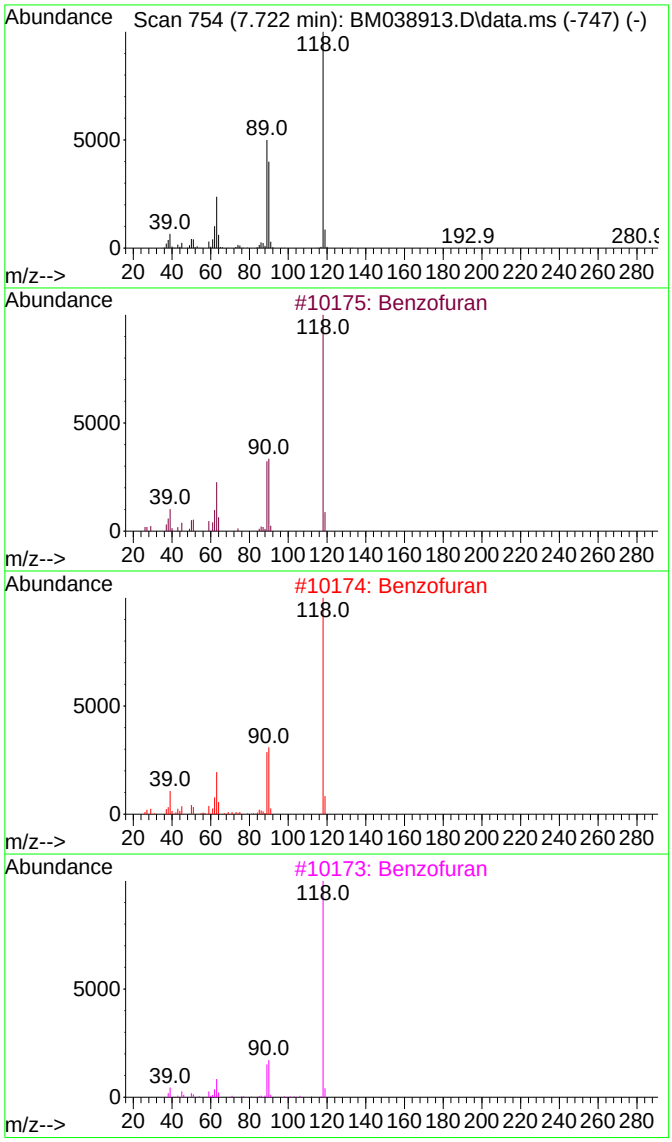
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

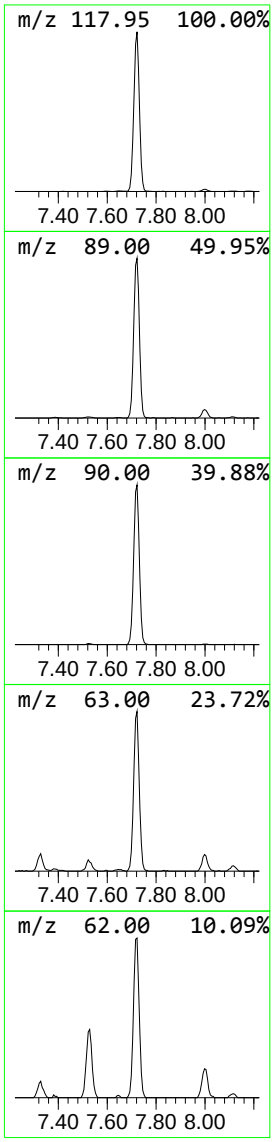
****

Peak Number 2 Benzofuran Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	11.39 ng/ul	925578	1,4-Dichlorobenzene-d4	7.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	94
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	91
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	87
5	Benzofuran	118	C8H6O	000271-89-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
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Instrument :
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ClientSampleId :
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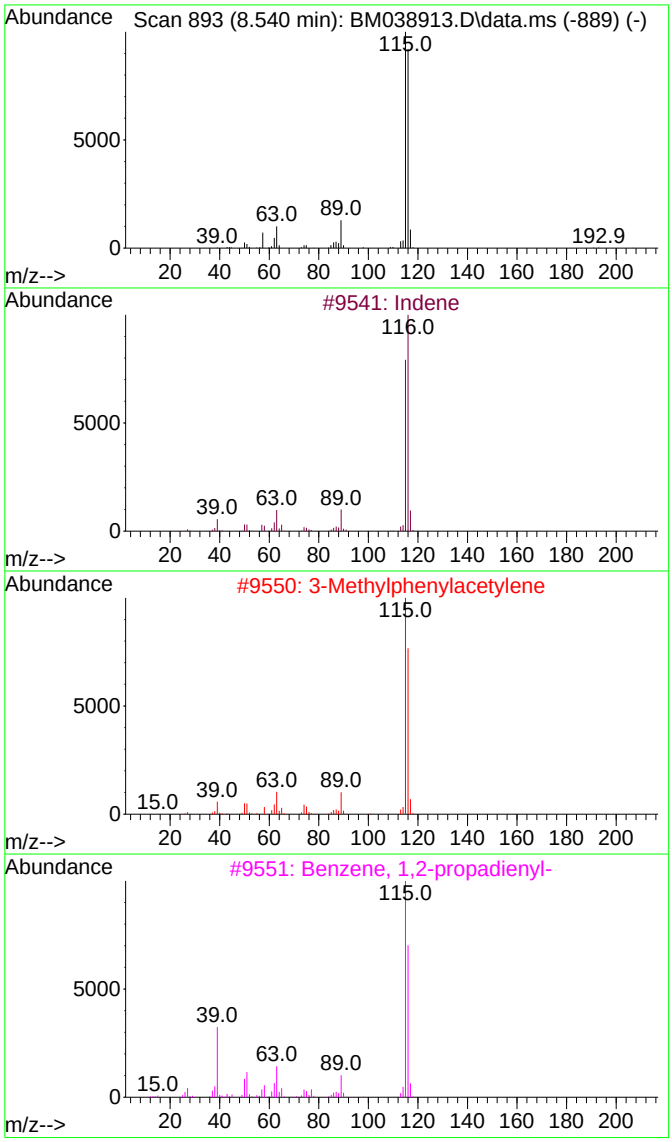
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

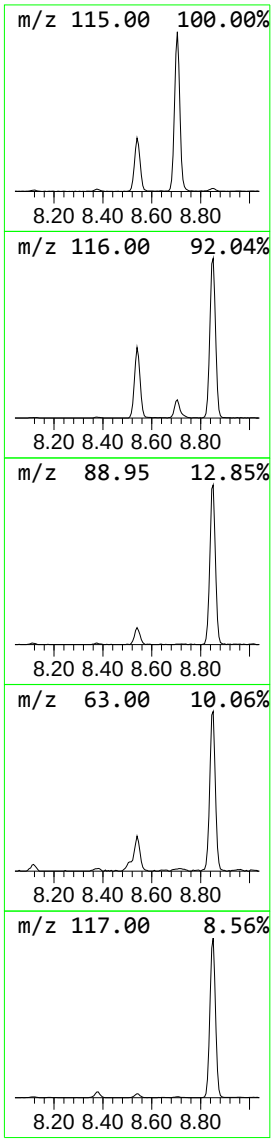
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Indene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.540	3.94 ng/ul	320478	1,4-Dichlorobenzene-d4	7.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	3-Methylphenylacetylene	116	C9H8	000766-82-5	94
3	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	91
4	Indene	116	C9H8	000095-13-6	91
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91





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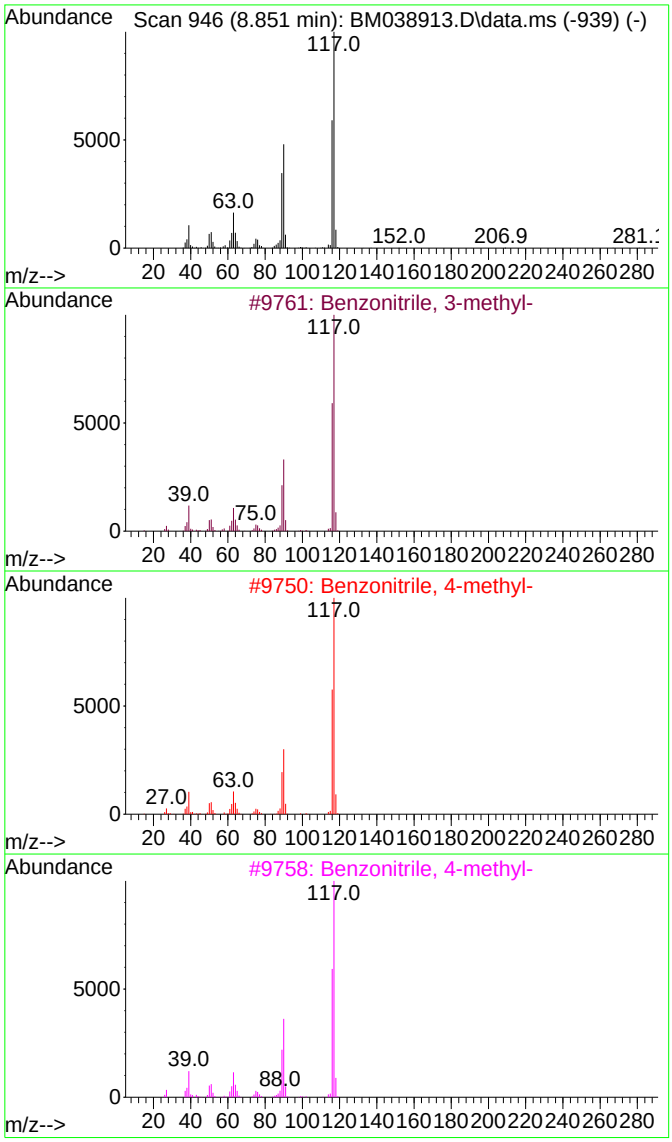
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

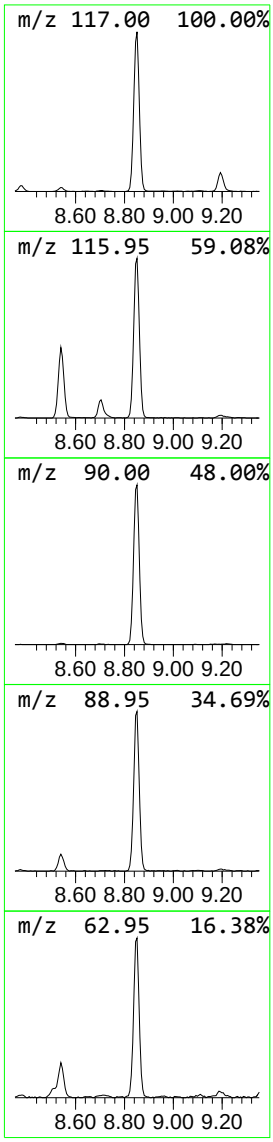
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Benzonitrile, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	16.85 ng/ul	1368900	1,4-Dichlorobenzene-d4	7.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
2	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
3	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
4	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	97
5	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038913.D
Acq On : 08 Mar 2023 01:57
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

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

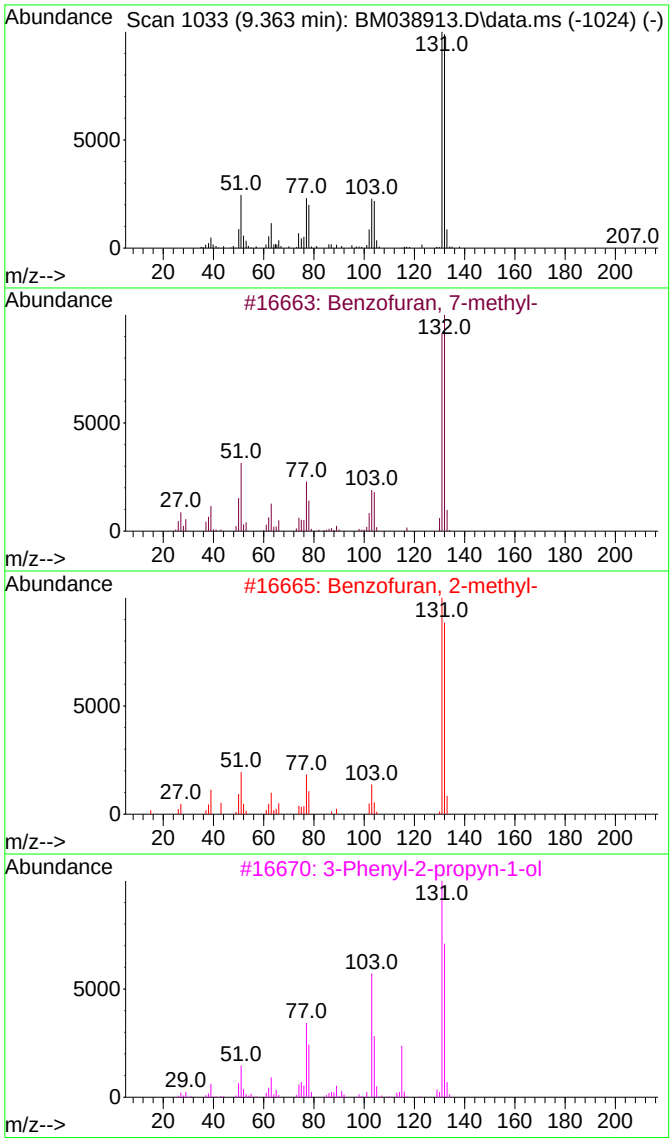
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

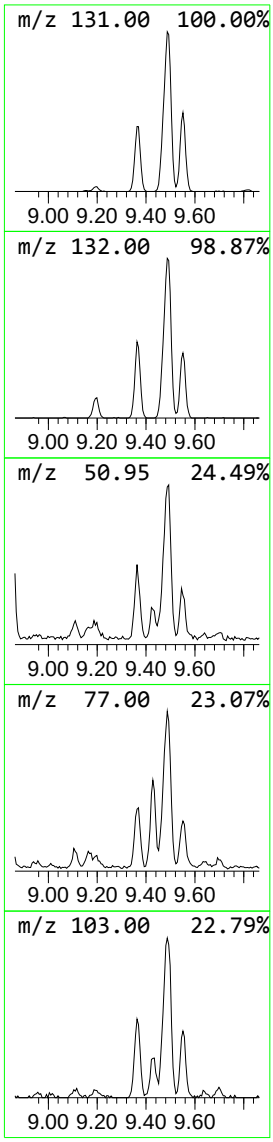
****

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.363	2.73 ng/ul	221758	1,4-Dichlorobenzene-d4	7.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





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Acq On : 08 Mar 2023 01:57
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

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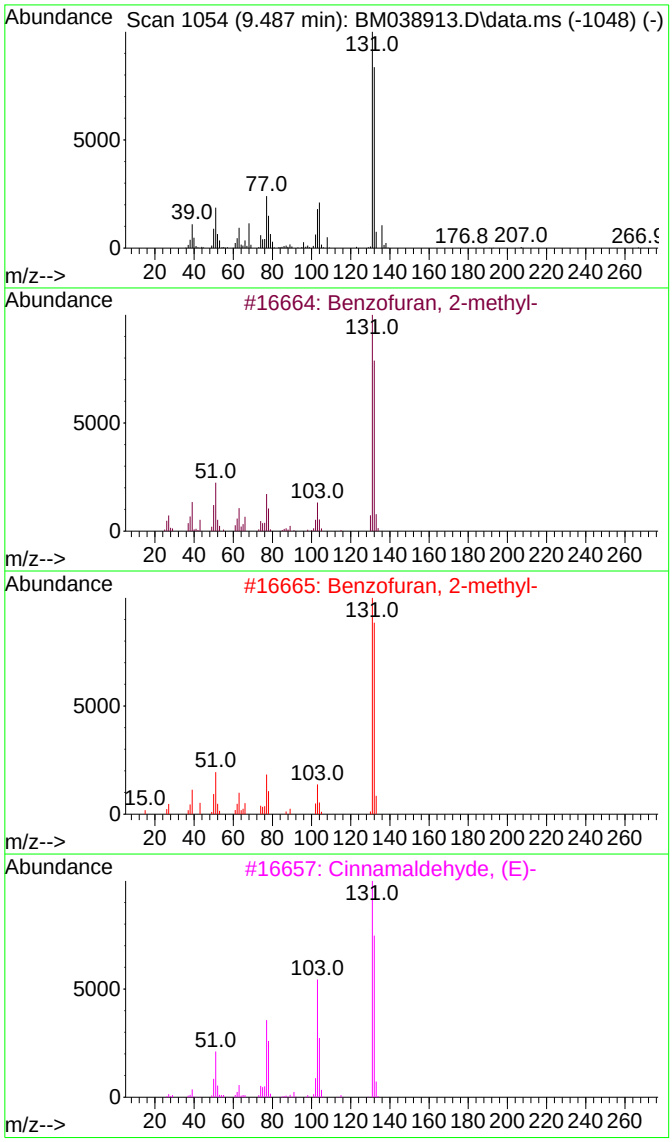
Quant Title : SVOA CALIBRATION

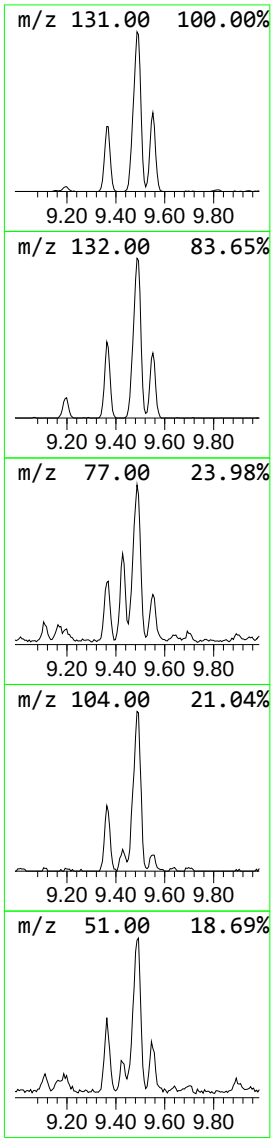
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.487	5.78 ng/ul	679374	Naphthalene-d8	10.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





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Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCAE4

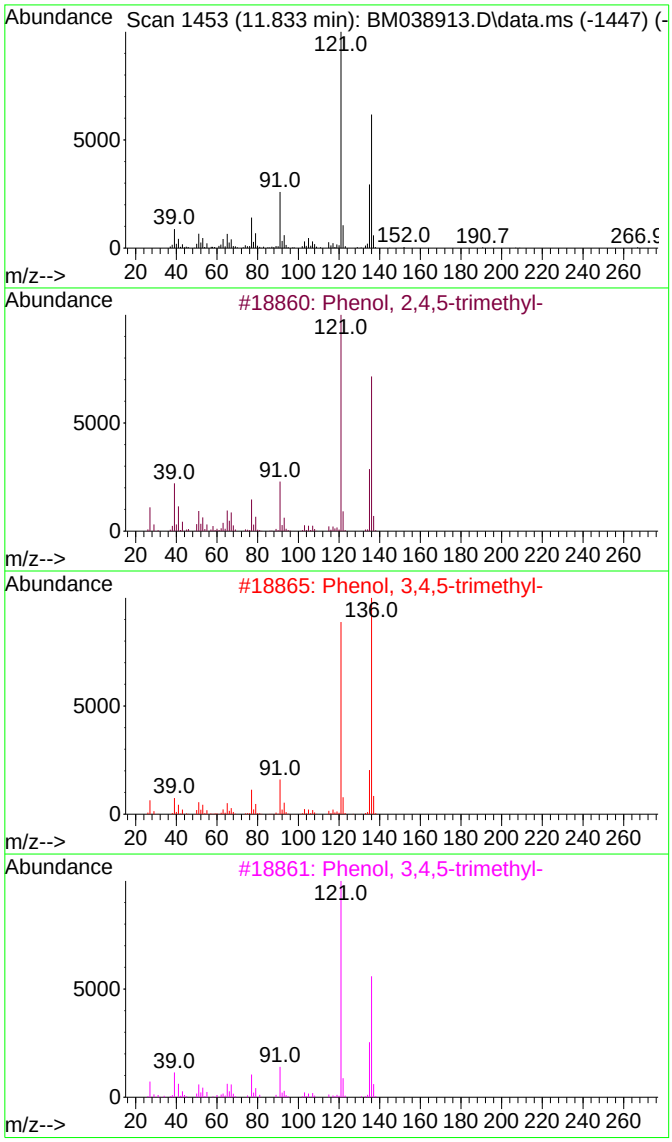
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

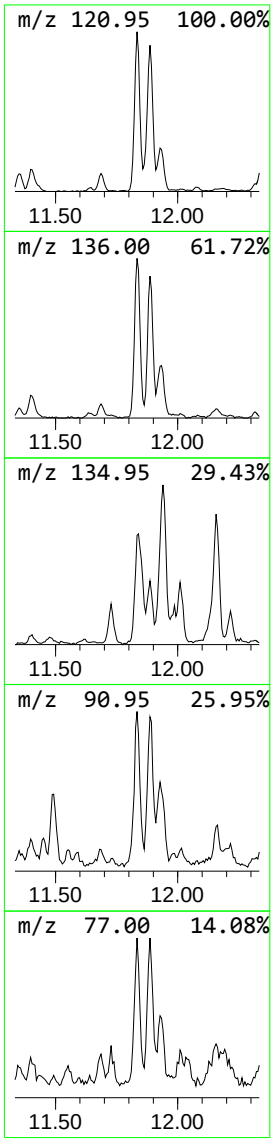
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenol, 2,4,5-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.834	3.02 ng/ul	354803	Naphthalene-d8	10.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	94
2	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	93
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91





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Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

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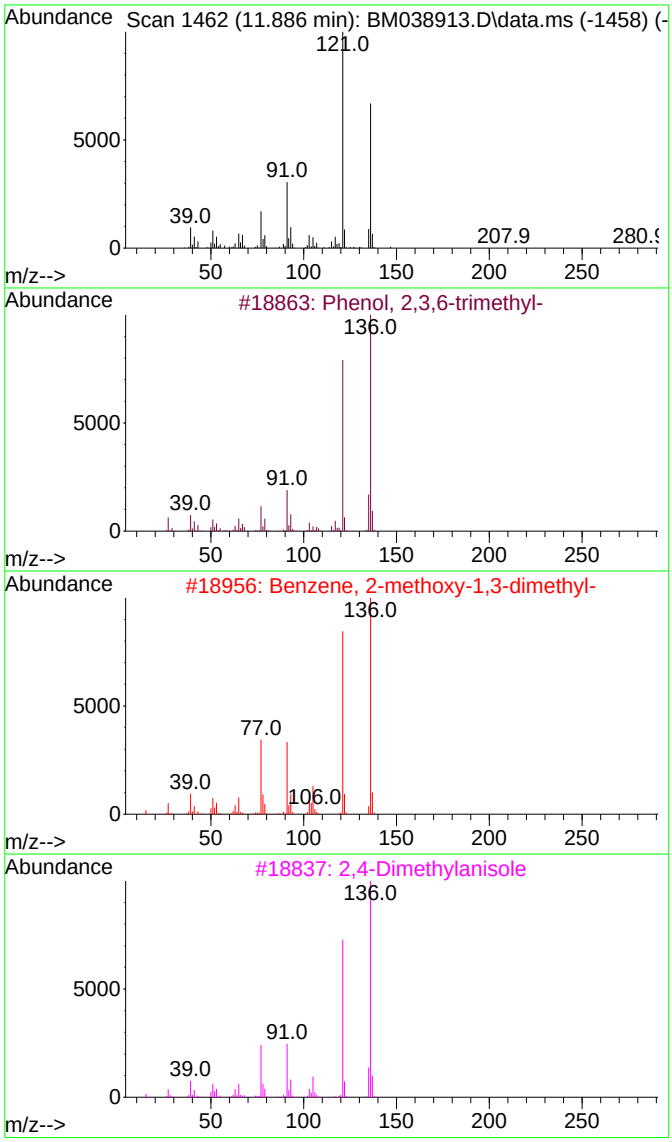
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

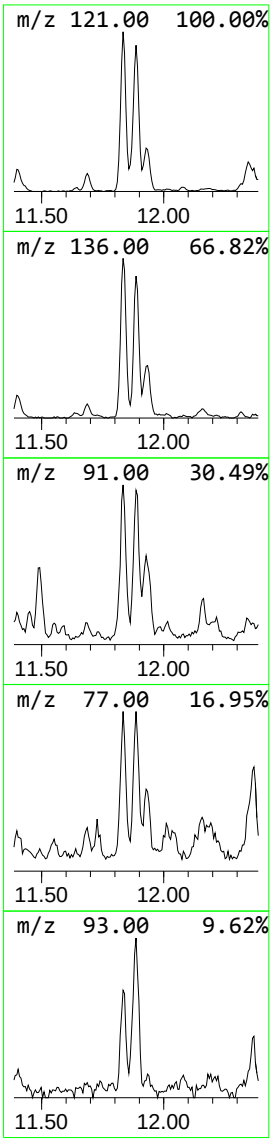
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenol, 2,3,6-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.886	2.40 ng/ul	282485	Naphthalene-d8	10.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	94
2	Benzene, 2-methoxy-1,3-dimethyl-	136	C9H12O	001004-66-6	91
3	2,4-Dimethylanisole	136	C9H12O	006738-23-4	91
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
5	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	91





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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

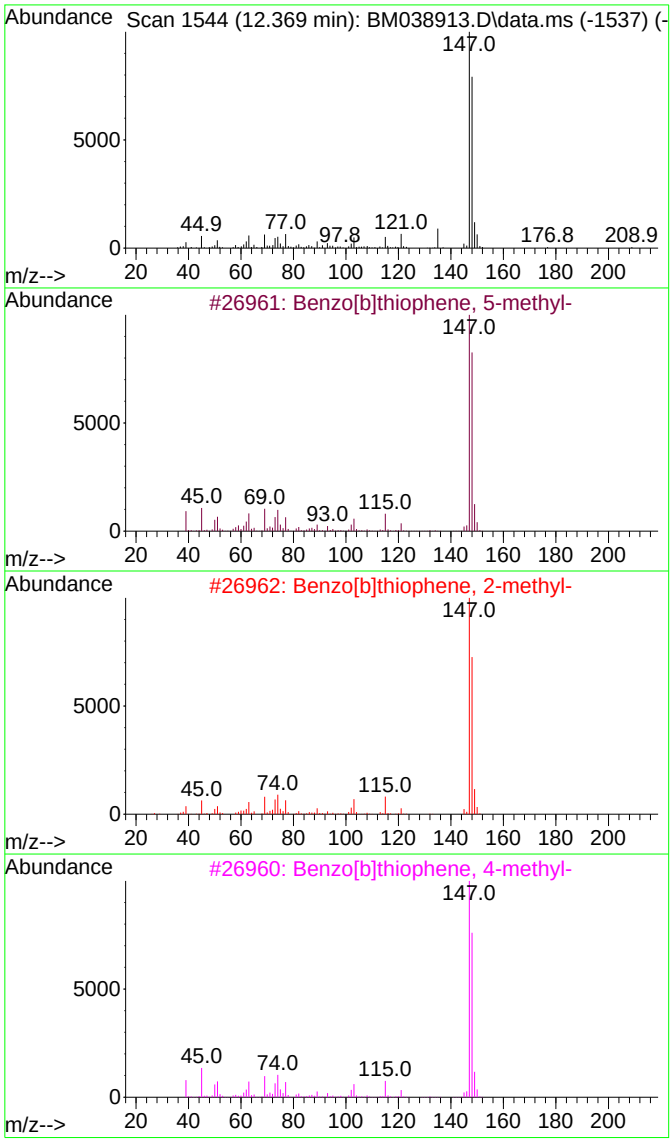
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

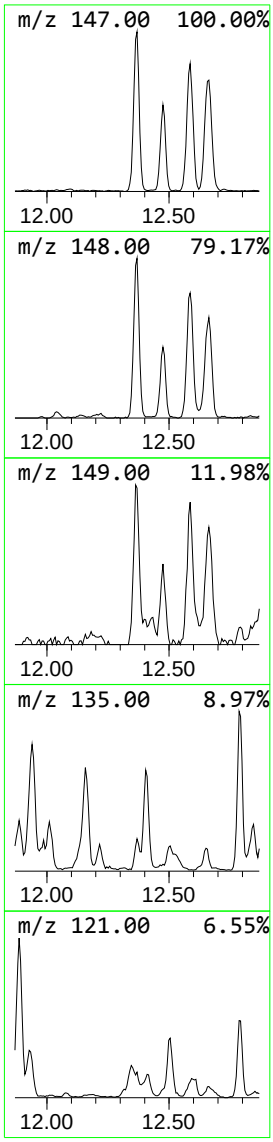
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	3.38 ng/ul	396624	Naphthalene-d8	10.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
2	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
3	Benzo[b]thiophene, 4-methyl-	148	C9H8S	014315-11-8	90
4	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
5	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90





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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 25 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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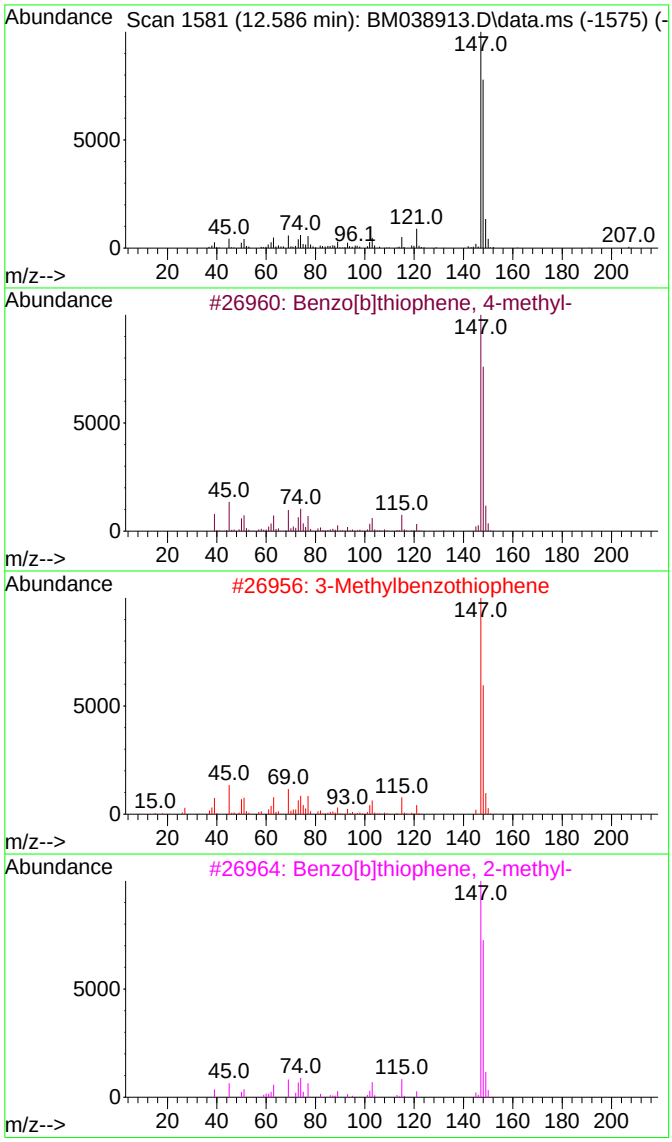
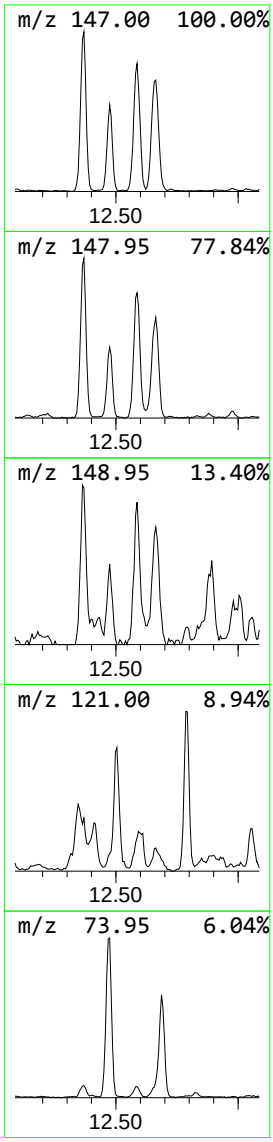
Peak Number 10 Benzo[b]thiophene, 4-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	2.74 ng/ul	321489	Naphthalene-d8	10.816

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





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ALS Vial : 25 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

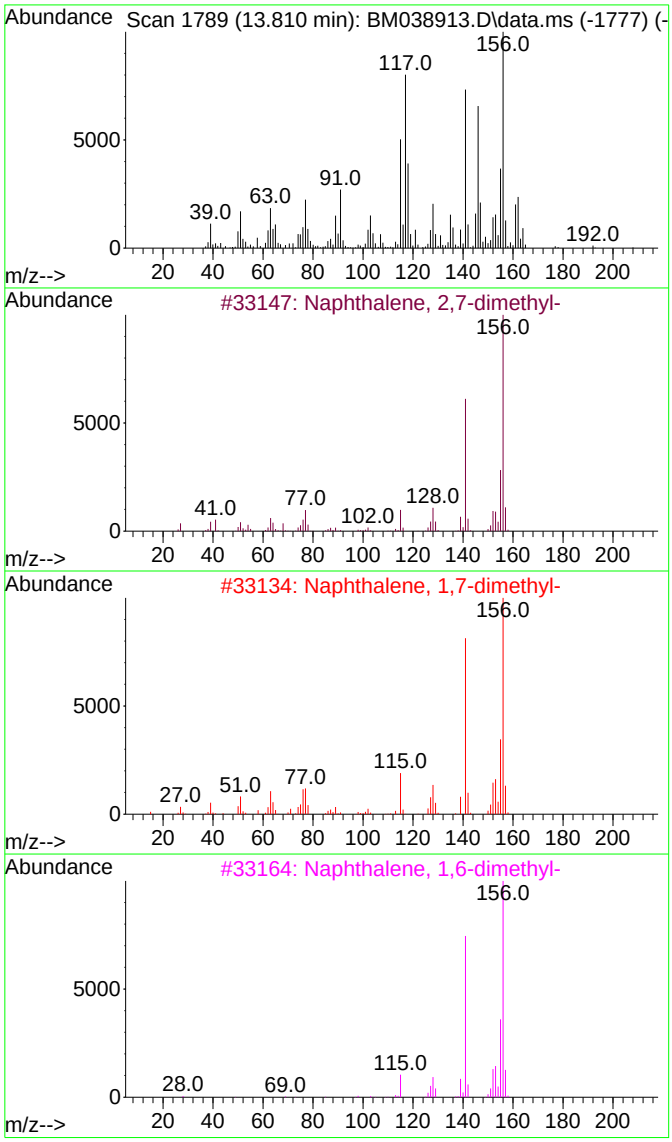
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

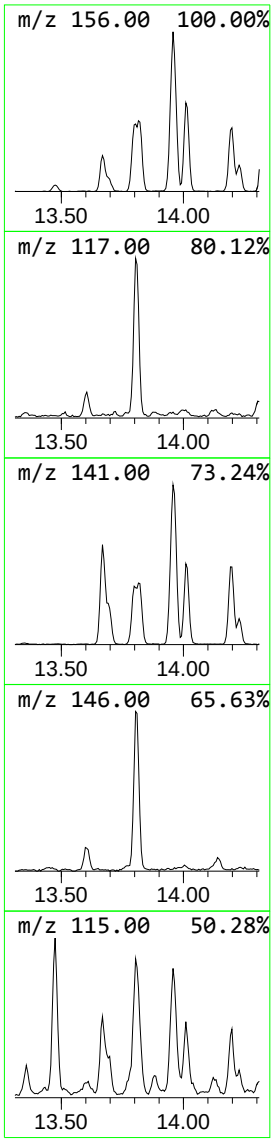
****

Peak Number 11 Naphthalene, 2,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	5.28 ng/ul	1034790	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	89
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	89
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	89
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	89





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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE4

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

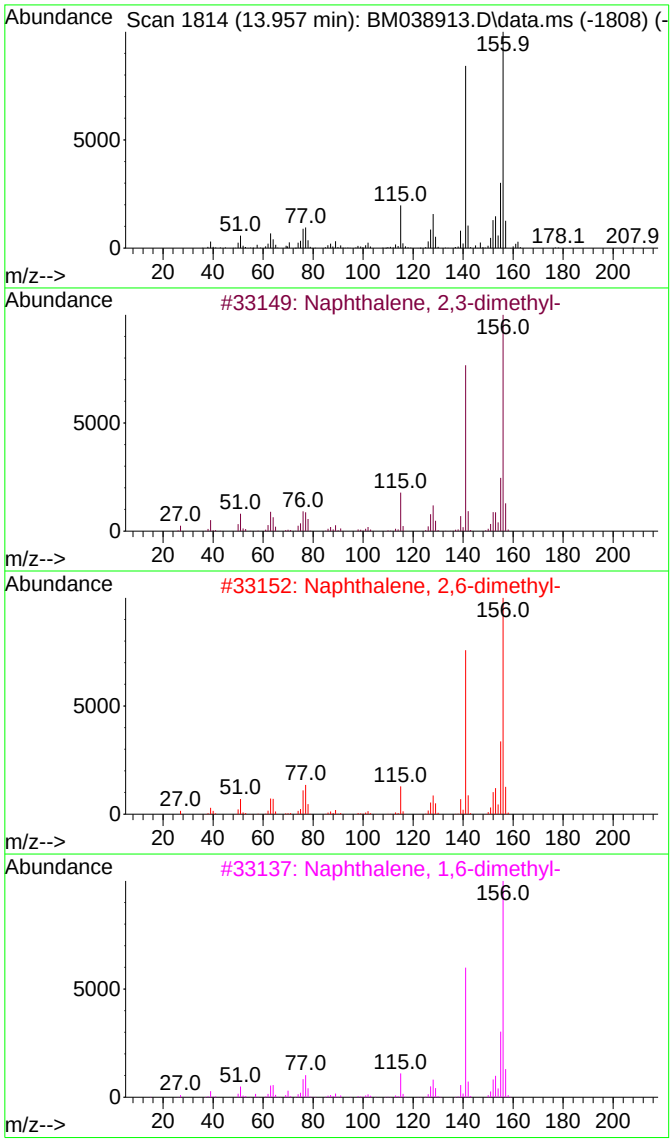
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

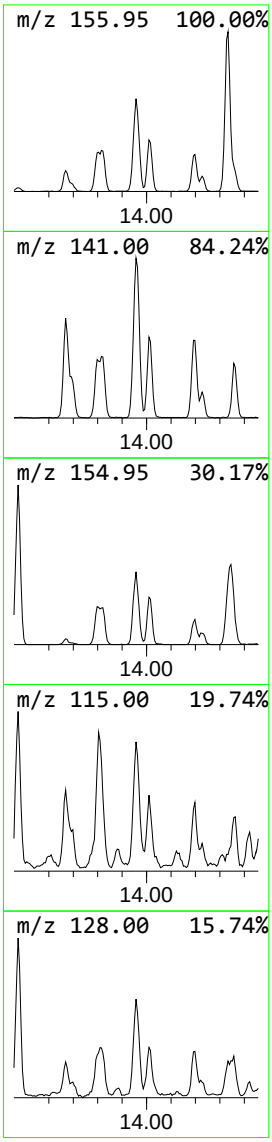
****

Peak Number 12 Naphthalene, 2,3-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	4.01 ng/ul	785347	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

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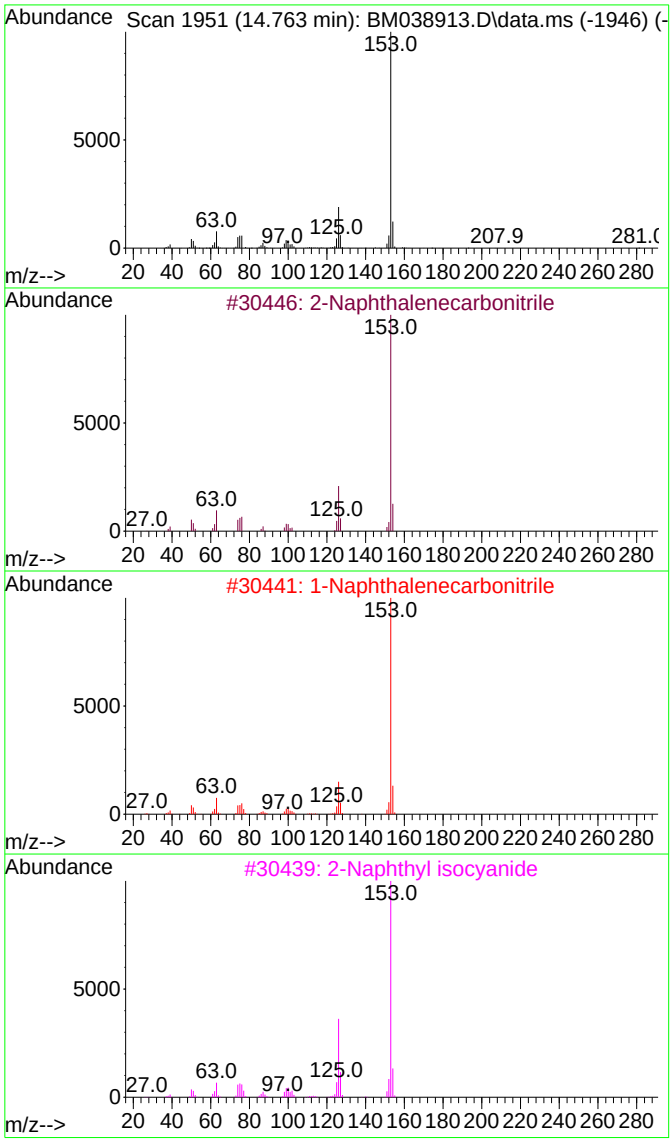
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

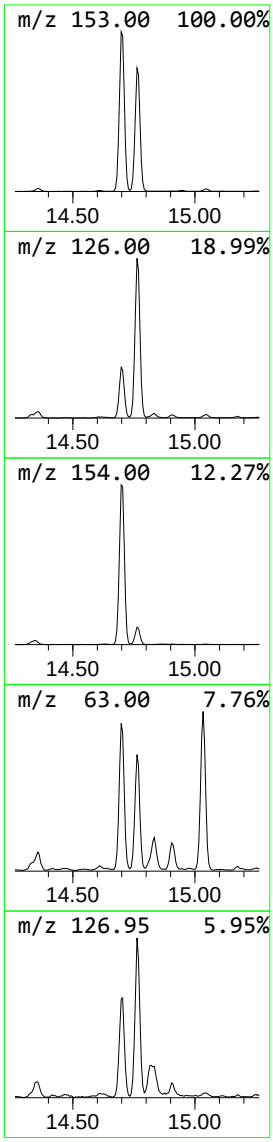
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 2-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.763	14.83 ng/ul	2905400	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	97
2	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	97
3	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	94
4	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91
5	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	91





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Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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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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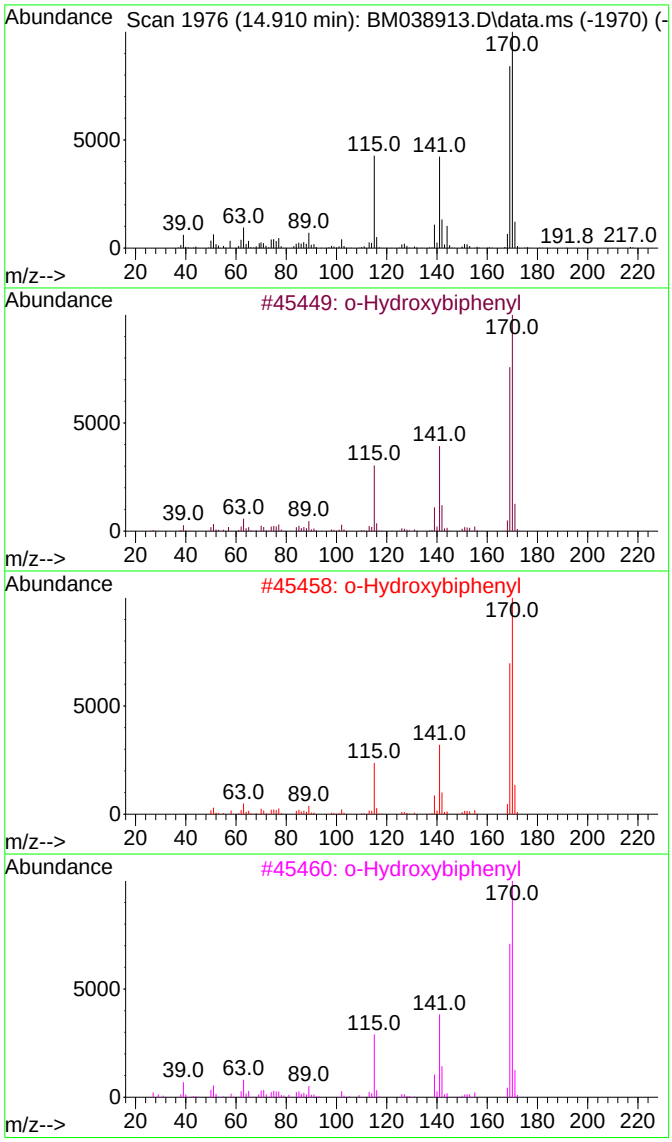
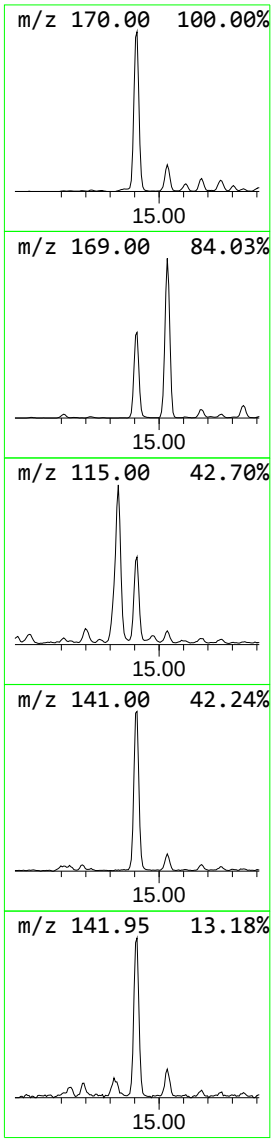
Peak Number 14 o-Hydroxybiphenyl Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	6.02 ng/ul	1178660	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	93
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	93
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	91
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	87





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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ClientSampleId :
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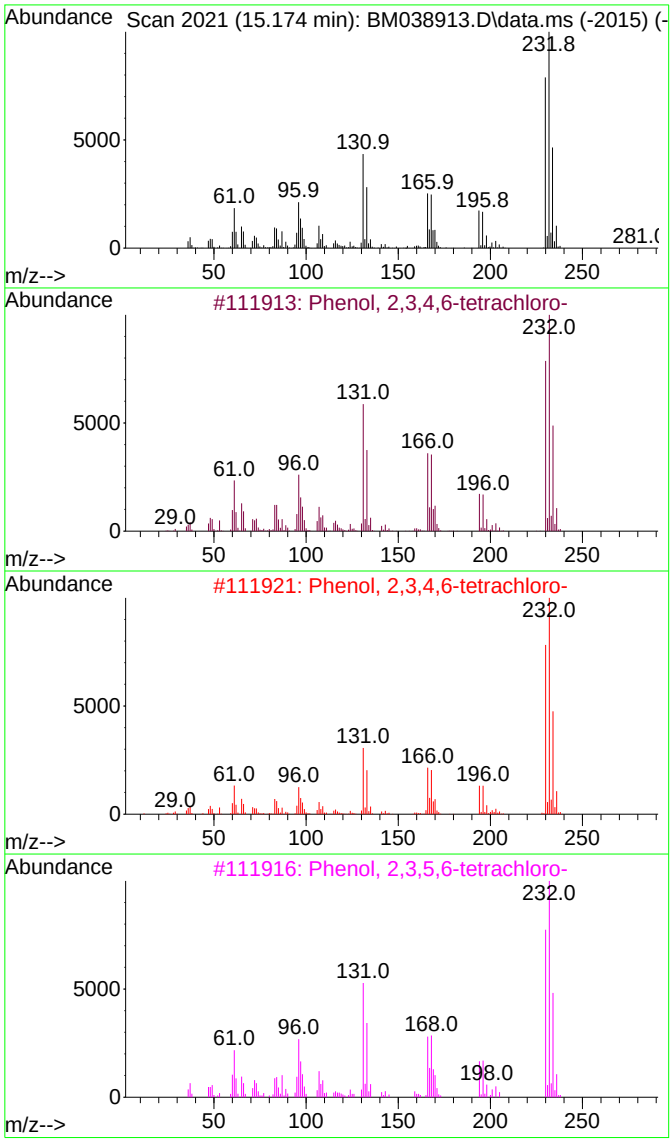
Quant Title : SVOA CALIBRATION

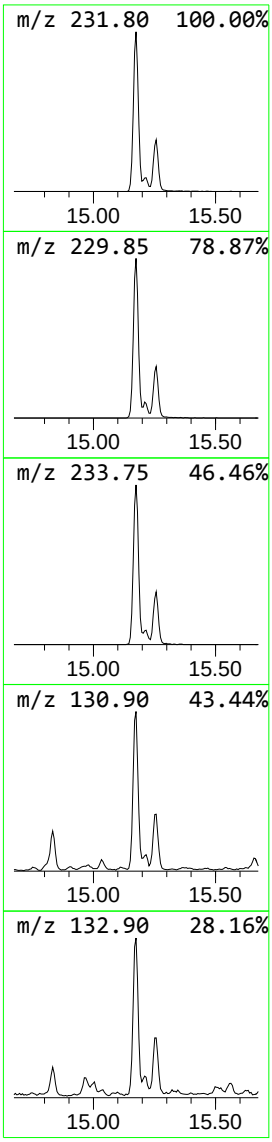
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	8.52 ng/ul	1669550	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, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
3	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
4	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99





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Quant Title : SVOA CALIBRATION

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

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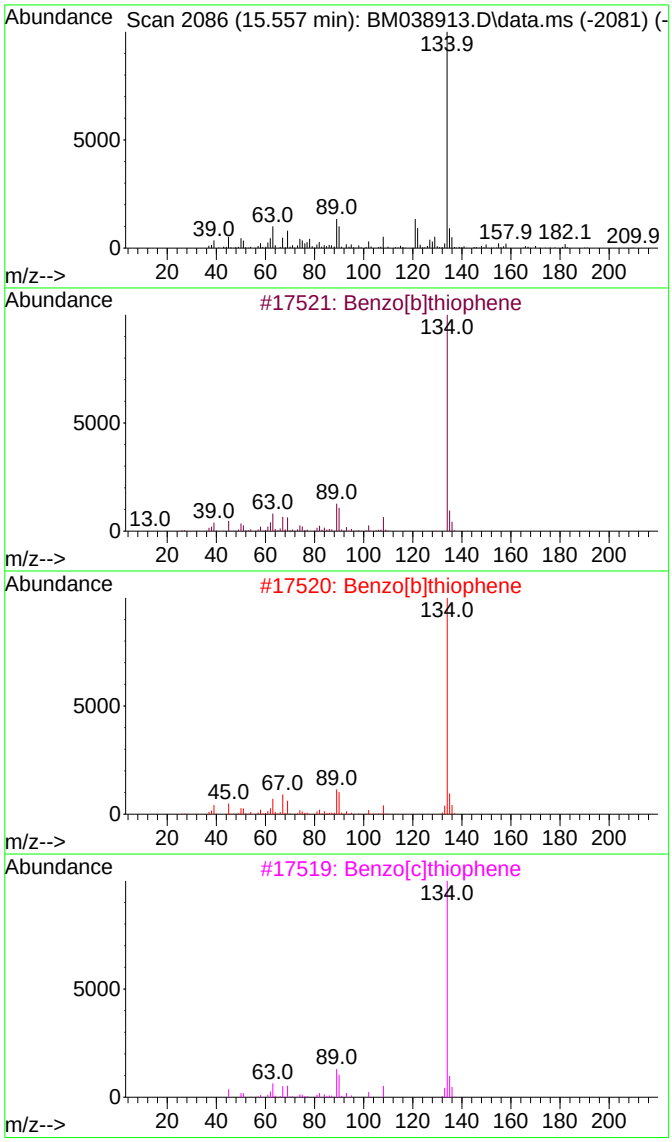
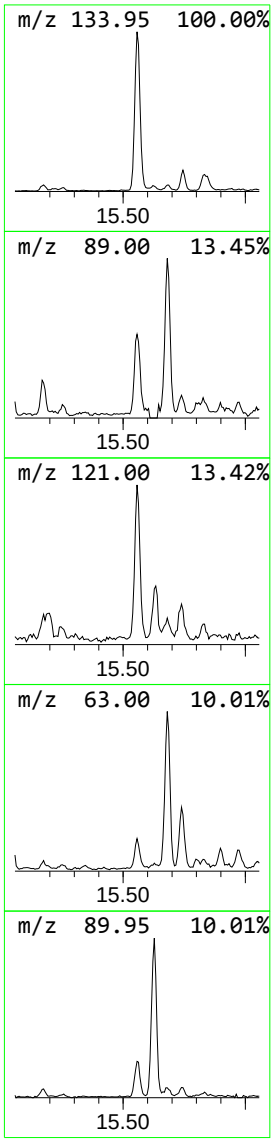
Peak Number 16 Benzo[b]thiophene Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.557	2.15 ng/ul	421584	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]thiophene	134	C8H6S	000095-15-8	94
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	76





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ALS Vial : 25 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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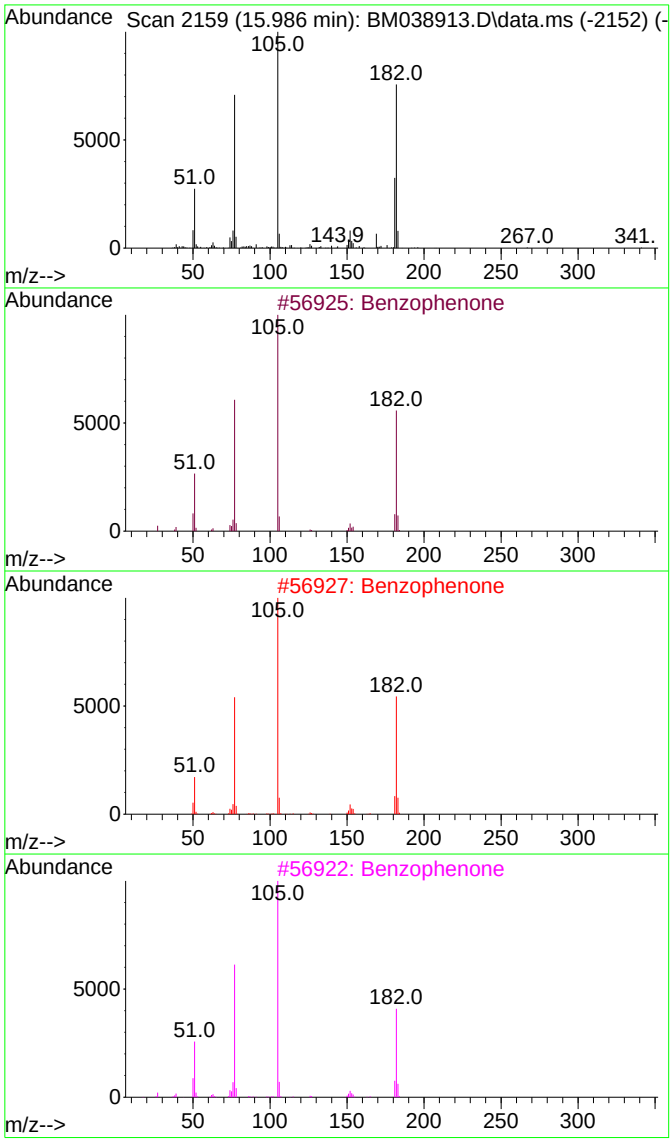
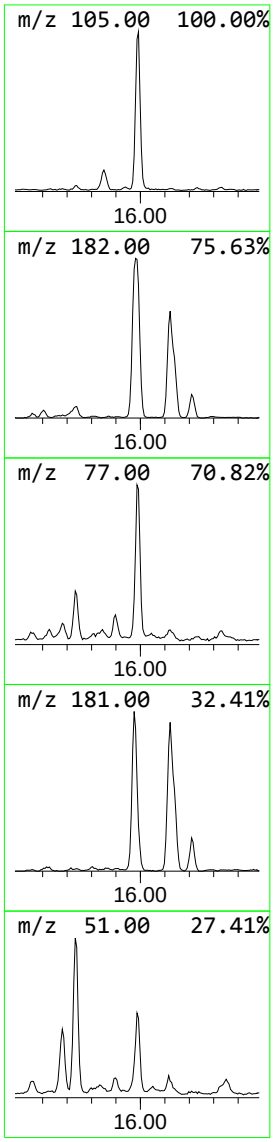
Peak Number 17 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	3.44 ng/ul	674606	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	93
2	Benzophenone	182	C13H10O	000119-61-9	87
3	Benzophenone	182	C13H10O	000119-61-9	83
4	Benzophenone	182	C13H10O	000119-61-9	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	43





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Acq On : 08 Mar 2023 01:57
Operator : CG/JU
Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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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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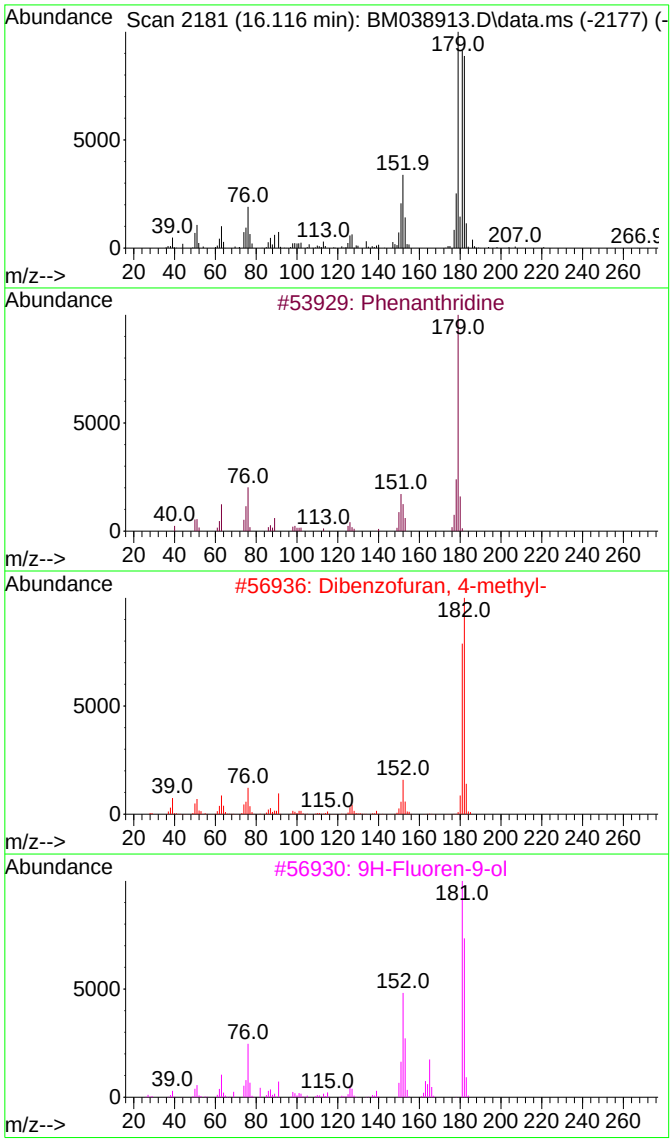
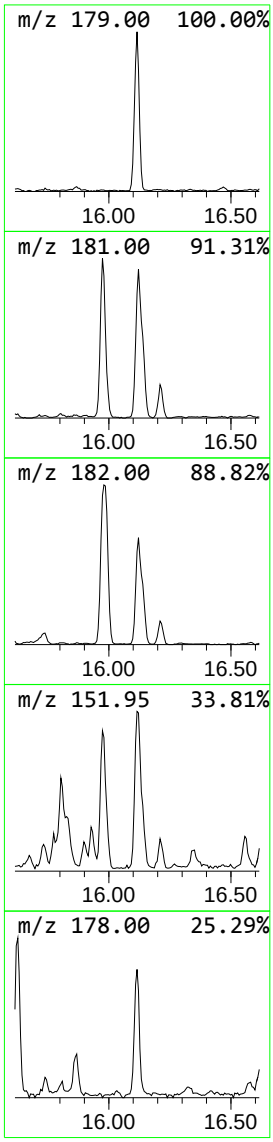
Peak Number 18 Phenanthridine Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.116	2.57 ng/ul	548907	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthridine	179	C13H9N	000229-87-8	86
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	58
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	53
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	50
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	49





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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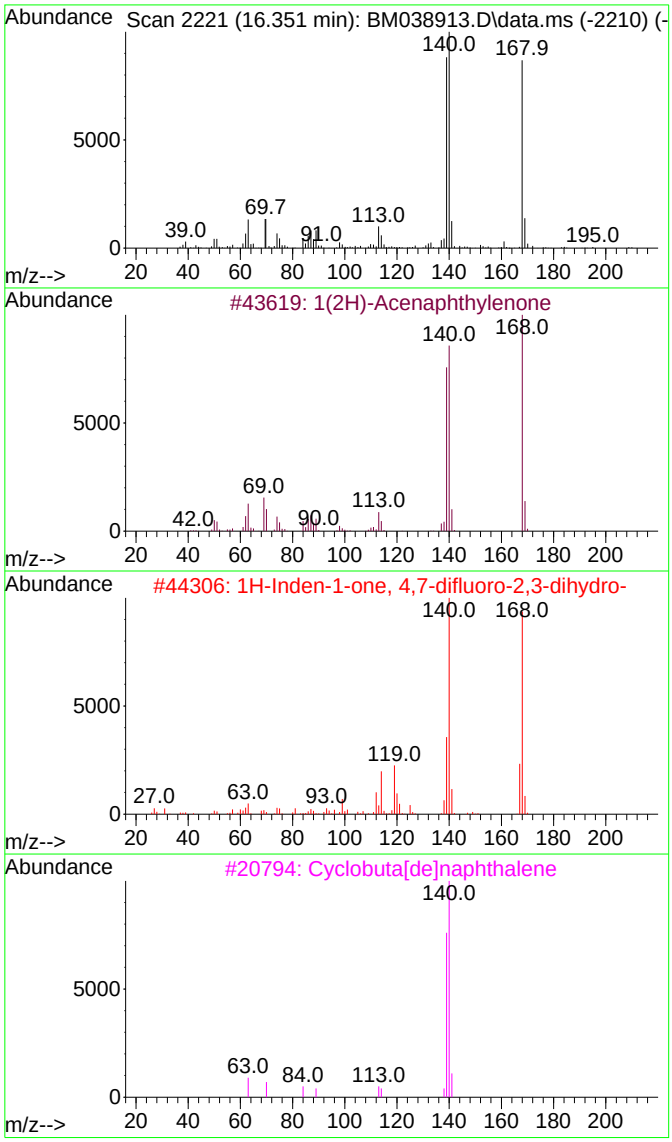
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

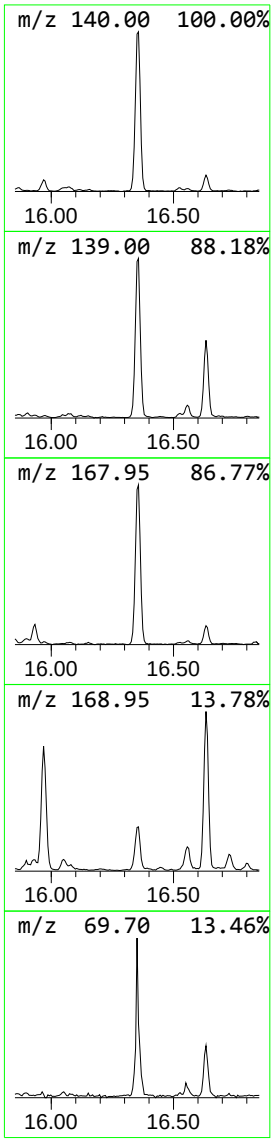
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.351	4.51 ng/ul	962397	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	97
2	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	52
4	Dibenzofuran	168	C12H8O	000132-64-9	52
5	1-Acenaphthenol, 3-methylamino-	199	C13H13NO	1000129-22-6	50





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Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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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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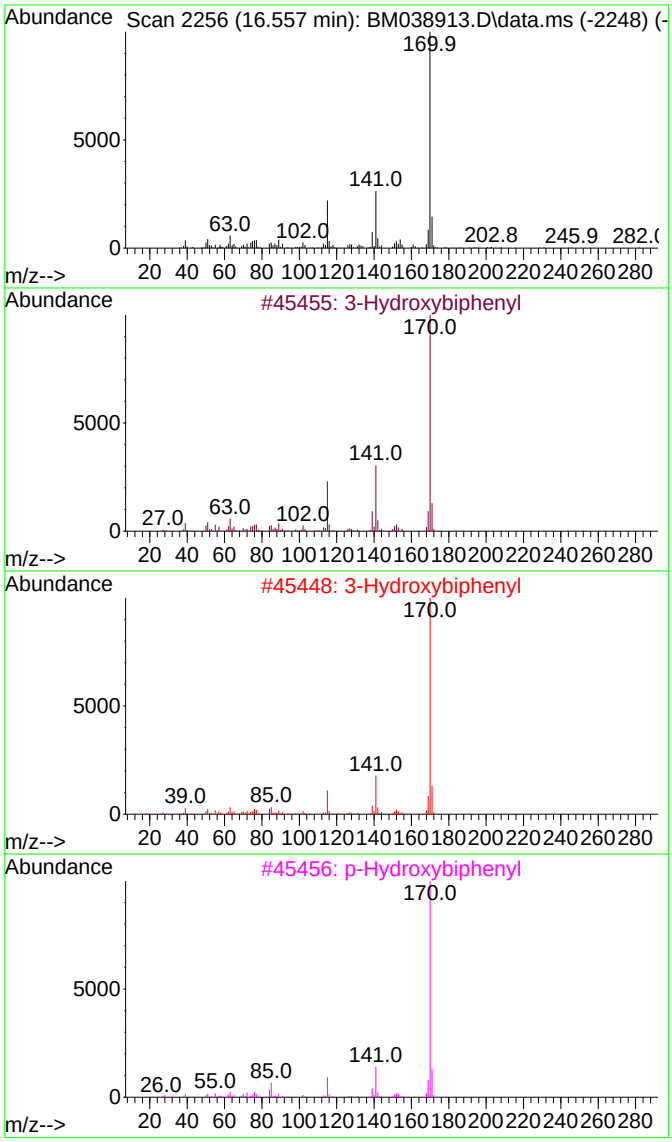
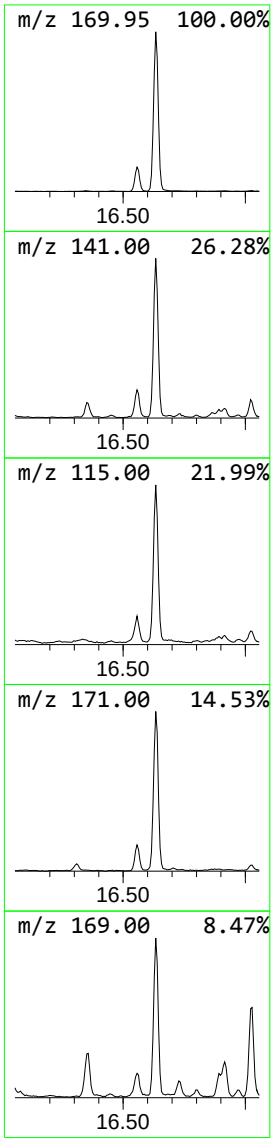
Peak Number 20 3-Hydroxybiphenyl Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.557	2.14 ng/ul	457645	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	97
2	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
3	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	91





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Sample : 01746-10
Misc :
ALS Vial : 25 Sample Multiplier: 1

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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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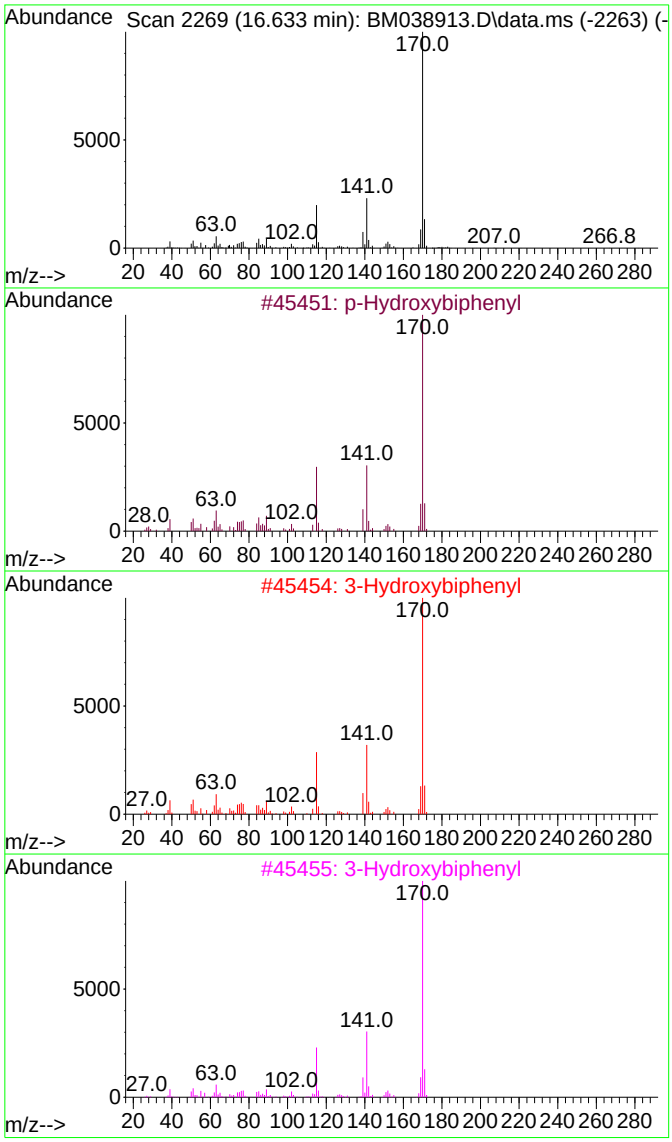
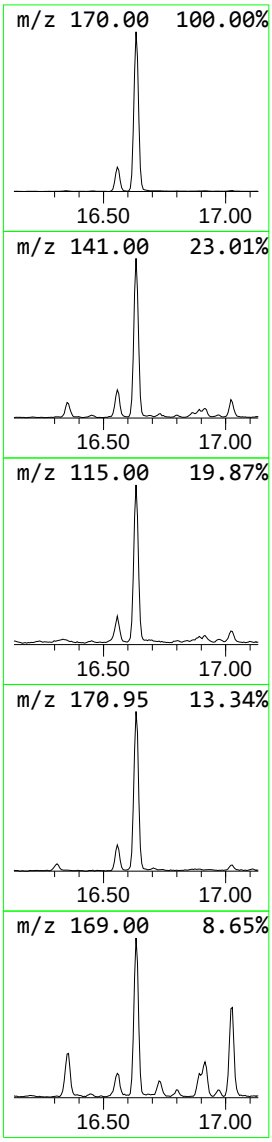
Peak Number 21 p-Hydroxybiphenyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	9.99 ng/ul	2132760	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	96
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	94
5	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94





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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

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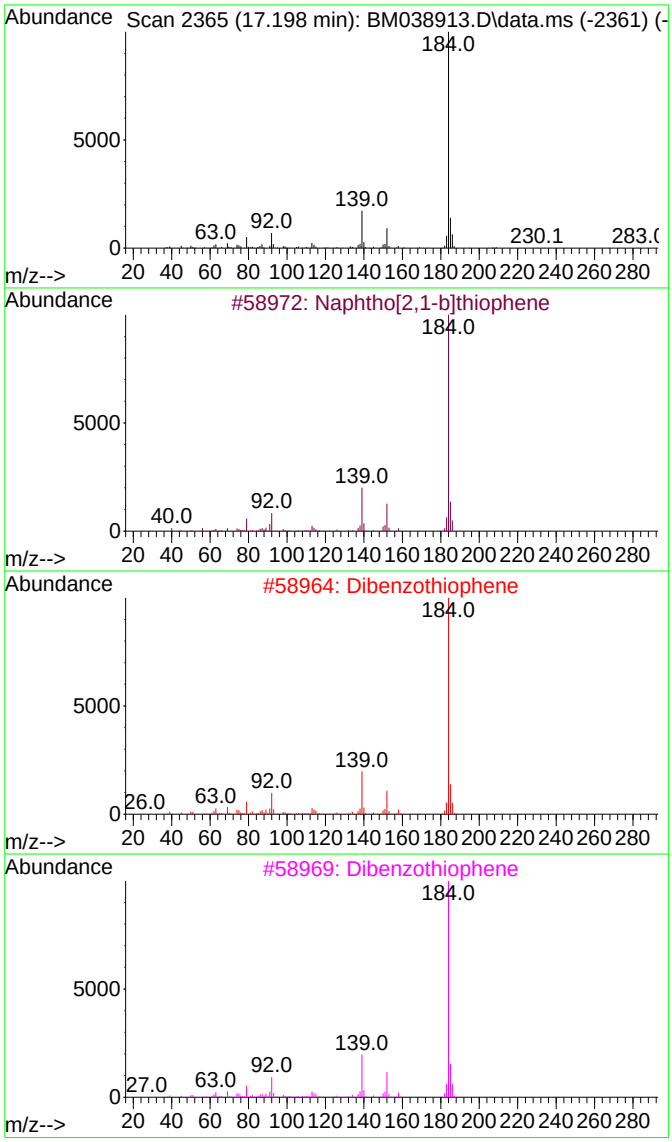
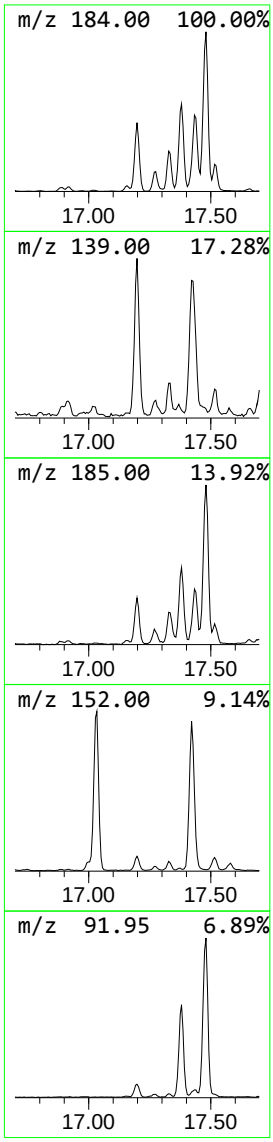
Peak Number 22 Naphtho[2,1-b]thiophene Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	2.15 ng/ul	459979	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91





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Misc :
ALS Vial : 25 Sample Multiplier: 1

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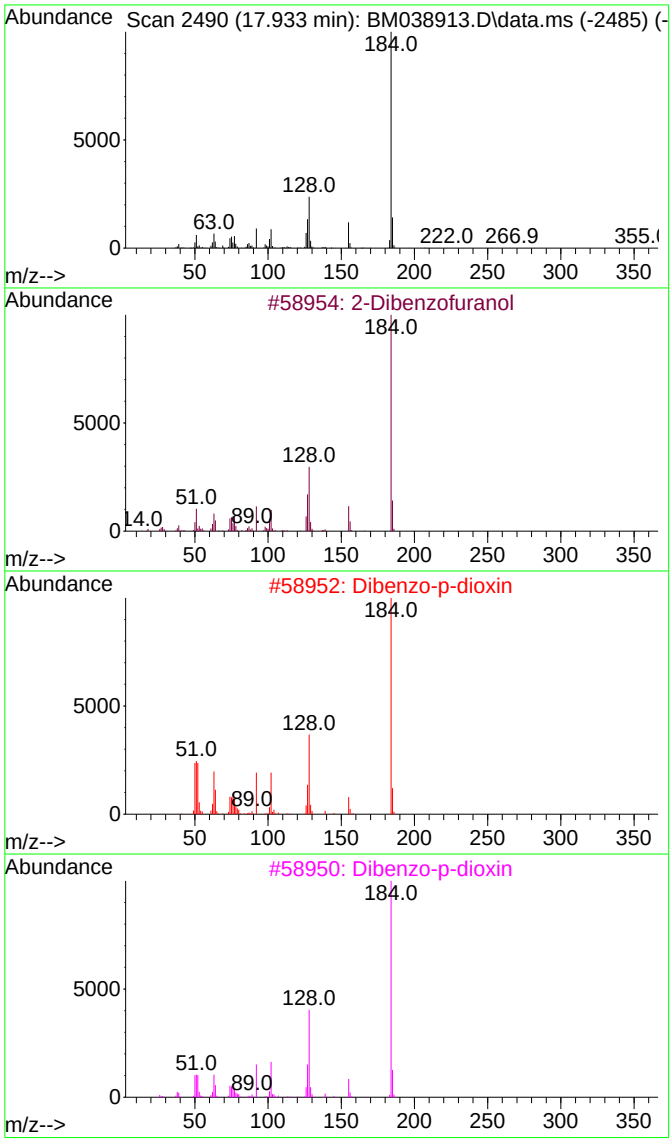
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

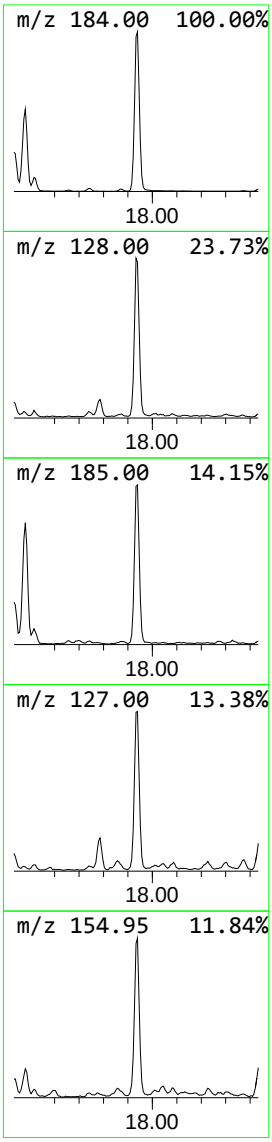
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 2-Dibenzofuranol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.933	11.22 ng/ul	2394470	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Dibenzofuranol	184	C12H8O2	000086-77-1	94
2	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	94
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	94
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90





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Misc :
ALS Vial : 25 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

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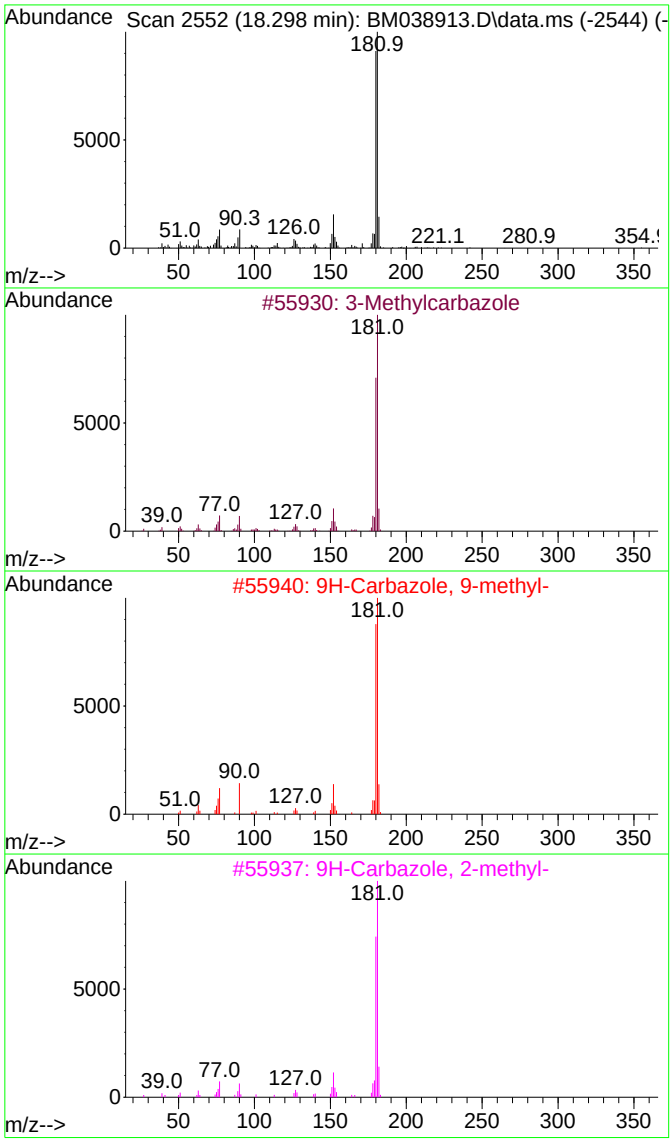
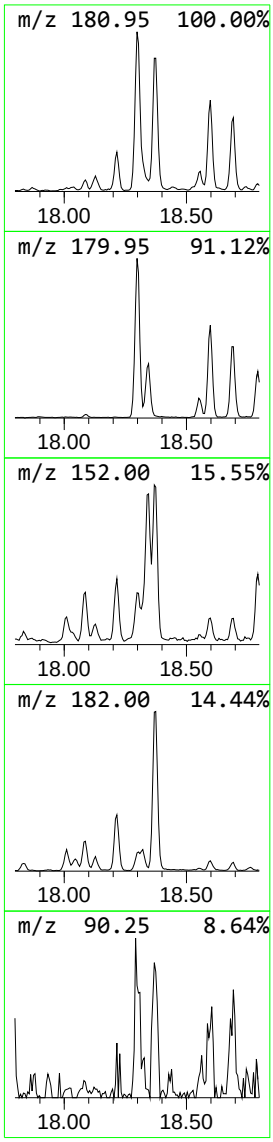
Peak Number 24 3-Methylcarbazole Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	3.27 ng/ul	697421	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	97
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	96
3	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	96
4	3-Methylcarbazole	181	C13H11N	004630-20-0	95
5	1-Methylcarbazole	181	C13H11N	006510-65-2	94





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ALS Vial : 25 Sample Multiplier: 1

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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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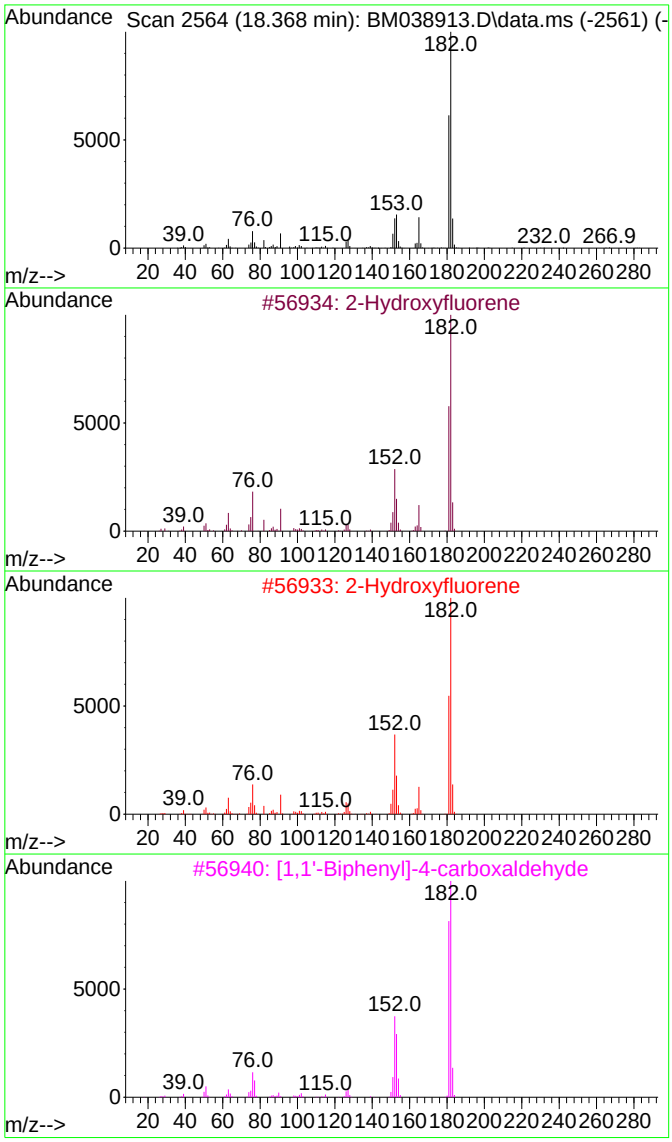
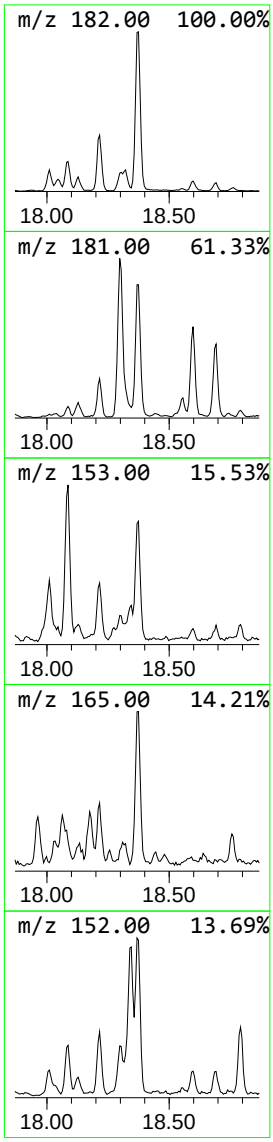
Peak Number 25 2-Hydroxyfluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.368	3.41 ng/ul	727844	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	91
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	87
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64





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Misc :
ALS Vial : 25 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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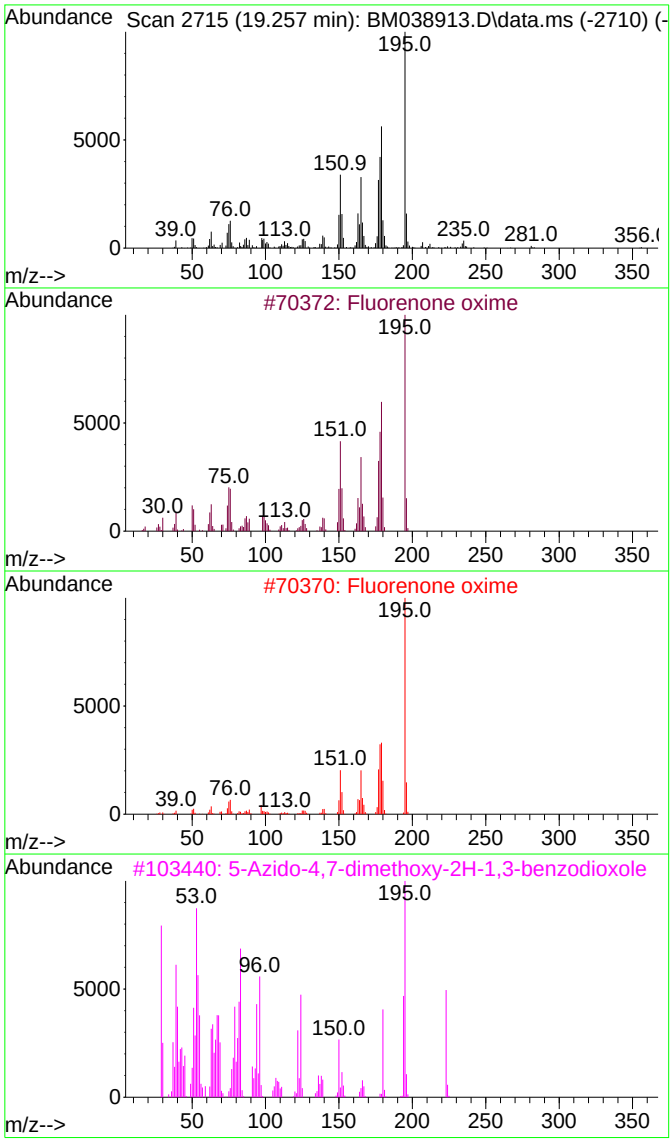
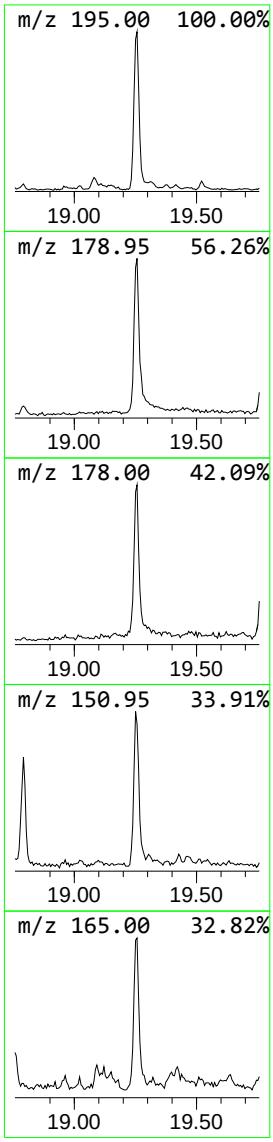
Peak Number 26 Fluorenone oxime Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.256	2.08 ng/ul	444453	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorenone oxime	195	C13H9NO	002157-52-0	99
2	Fluorenone oxime	195	C13H9NO	002157-52-0	91
3	5-Azido-4,7-dimethoxy-2H-1,3-ben...	223	C9H9N3O4	1000443-78-1	74
4	2-Amino-6,7-dimethyl-5,6,7,8-tet...	195	C8H13N5O	1000239-36-2	38
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	35





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Quant Title : SVOA CALIBRATION

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

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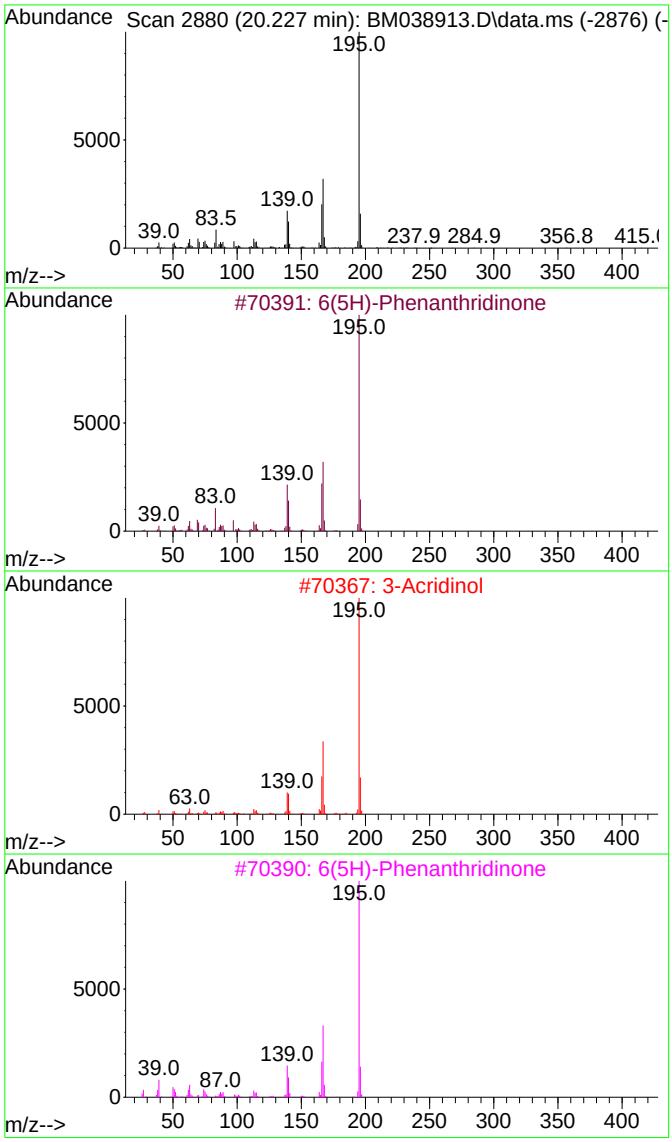
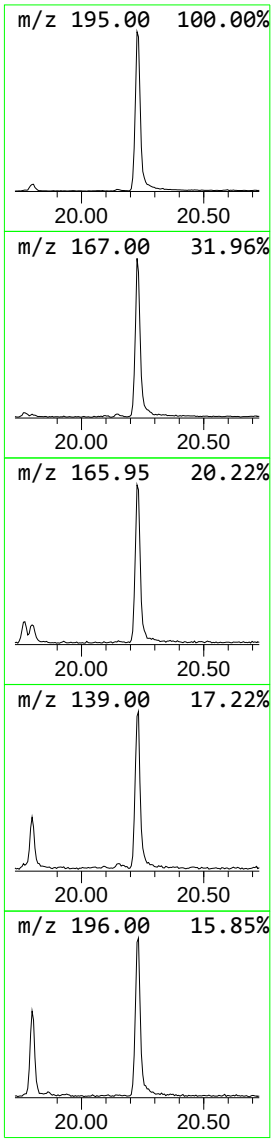
Peak Number 27 6(5H)-Phenanthridinone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.227	3.67 ng/ul	865983	Chrysene-d12	21.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	97
2	3-Acridinol	195	C13H9NO	007132-70-9	97
3	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
4	9-Acridinol	195	C13H9NO	000643-62-9	96
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95





Tentatively Identified Compound (LSC) summary

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Sample : 01746-10
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ALS Vial : 25 Sample Multiplier: 1

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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
o-Xylene	5.993	3.4	ng/ul	274814	1	7.998	1624810	20.0
Benzofuran	7.722	11.4	ng/ul	925578	1	7.998	1624810	20.0
Indene	8.540	3.9	ng/ul	320478	1	7.998	1624810	20.0
Benzonitrile, 3...	8.851	16.9	ng/ul	1368900	1	7.998	1624810	20.0
Benzofuran, 7-m...	9.363	2.7	ng/ul	221758	1	7.998	1624810	20.0
Benzofuran, 2-m...	9.487	5.8	ng/ul	679374	2	10.816	2349860	20.0
Phenol, 2,4,5-t...	11.834	3.0	ng/ul	354803	2	10.816	2349860	20.0
Phenol, 2,3,6-t...	11.886	2.4	ng/ul	282485	2	10.816	2349860	20.0
Benzo[b]thiophe...	12.369	3.4	ng/ul	396624	2	10.816	2349860	20.0
Benzo[b]thiophe...	12.586	2.7	ng/ul	321489	2	10.816	2349860	20.0
Naphthalene, 2,...	13.810	5.3	ng/ul	1034790	3	14.639	3918650	20.0
Naphthalene, 2,...	13.957	4.0	ng/ul	785347	3	14.639	3918650	20.0
2-Naphthaleneca...	14.763	14.8	ng/ul	2905400	3	14.639	3918650	20.0
o-Hydroxybiphenyl	14.910	6.0	ng/ul	1178660	3	14.639	3918650	20.0
Phenol, 2,3,5,6...	15.174	8.5	ng/ul	1669550	3	14.639	3918650	20.0
Benzo[b]thiophene	15.557	2.1	ng/ul	421584	3	14.639	3918650	20.0
Benzophenone	15.986	3.4	ng/ul	674606	3	14.639	3918650	20.0
Phenanthridine	16.116	2.6	ng/ul	548907	4	17.380	4269170	20.0
1(2H)-Acenaphth...	16.351	4.5	ng/ul	962397	4	17.380	4269170	20.0
3-Hydroxybiphenyl	16.557	2.1	ng/ul	457645	4	17.380	4269170	20.0
p-Hydroxybiphenyl	16.633	10.0	ng/ul	2132760	4	17.380	4269170	20.0
Naphtho[2,1-b]t...	17.198	2.1	ng/ul	459979	4	17.380	4269170	20.0
2-Dibenzofuranol	17.933	11.2	ng/ul	2394470	4	17.380	4269170	20.0
3-Methylcarbazole	18.298	3.3	ng/ul	697421	4	17.380	4269170	20.0
2-Hydroxyfluorene	18.368	3.4	ng/ul	727844	4	17.380	4269170	20.0
Fluorenone oxime	19.256	2.1	ng/ul	444453	4	17.380	4269170	20.0
6(5H)-Phenanthr...	20.227	3.7	ng/ul	865983	5	21.556	4722560	20.0