LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038876.D
Acq On : 06 Mar 2023 17:58
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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: BM038876.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.804	85	88	106	rBV	273945	462065	1.10%	0.239%
2	5.998	453	461	469	rBV	135477	215744	0.51%	0.111%
3	7.151	651	657	667	rBV	253882	409524	0.98%	0.211%
4	7.328	680	687	694	rBV	1062354	1696155	4.04%	0.876%
5	7.528	709	721	730	rBV	972999	1544045	3.68%	0.797%
6	7.722	748	754	762	rVB	423921	687828	1.64%	0.355%
7	8.004	794	802	810	rBV	1087960	1683124	4.01%	0.869%
8	8.122	817	822	830	rVB	76101	116902	0.28%	0.060%
9	8.545	889	894	901	rVB	196004	326474	0.78%	0.169%
10	8.704	916	921	931	rVB	765558	1222197	2.91%	0.631%
11	8.851	939	946	958	rVB	707948	1151200	2.74%	0.594%
12	9.169	994	1000	1014	rVB	1248592	2119109	5.05%	1.094%
13	9.369	1026	1034	1040	rBV	114494	185920	0.44%	0.096%
14	9.433	1040	1045	1049	rVV2	140842	226580	0.54%	0.117%
15	9.492	1049	1055	1061	rVV	270877	578232	1.38%	0.299%
16	9.557	1061	1066	1070	rVV	104321	177693	0.42%	0.092%
17	9.898	1115	1124	1131	rBV	905062	1488168	3.55%	0.768%
18	10.016	1137	1144	1149	rBV	128370	206196	0.49%	0.106%
19	10.098	1149	1158	1166	rVB2	50842	117987	0.28%	0.061%
20	10.222	1172	1179	1188	rBV4	78056	159492	0.38%	0.082%
21	10.433	1208	1215	1223	rVV	1476828	2547171	6.07%	1.315%
22	10.822	1271	1281	1284	rBV	1457796	2479380	5.91%	1.280%
23	10.880	1284	1291	1298	rVV	23890377	41961753	100.00%	21.663%
24	10.951	1298	1303	1306	rVV	1355652	2378771	5.67%	1.228%
25	10.992	1306	1310	1320	rVB	2779122	4522794	10.78%	2.335%
26	11.169	1334	1340	1343	rBV	57383	106421	0.25%	0.055%
27	11.839	1447	1454	1458	rBV	150580	247455	0.59%	0.128%
28	11.892	1458	1463	1466	rVV	65718	115678	0.28%	0.060%
29	11.933	1466	1470	1477	rVB2	132557	243556	0.58%	0.126%
30	12.163	1504	1509	1513	rVV	55187	105458	0.25%	0.054%
31	12.369	1537	1544	1548	rVV	198688	338520	0.81%	0.175%
32	12.410	1548	1551	1556	rVV3	111227	177057	0.42%	0.091%
33	12.474	1556	1562	1571	rVV	2971211	4608166	10.98%	2.379%
34	12.592	1575	1582	1587	rVV2	107787	242971	0.58%	0.125%
35	12.692	1589	1599	1606	rVB	2250023	3597227	8.57%	1.857%
36	12.792	1611	1616	1619	rBV	170759	243474	0.58%	0.126%

LSC Area Percent Report

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Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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	12.833	1619	1623	1628	rVB	128968	197177	0.47%	0.102%
38	13.139	1666	1675	1678	rVV5	183325	453711	1.08%	0.234%
39	13.174	1678	1681	1688	rVB	142208	227469	0.54%	0.117%
40	13.333	1702	1708	1714	rBV	66782	148726	0.35%	0.077%
41	13.480	1727	1733	1741	rVV	1426567	2124742	5.06%	1.097%
42	13.810	1778	1789	1798	rBV4	244865	649013	1.55%	0.335%
43	13.963	1808	1815	1820	rVV2	300801	538951	1.28%	0.278%
44	14.015	1820	1824	1825	rVV	157631	194205	0.46%	0.100%
45	14.051	1825	1830	1839	rVV	3203719	4283540	10.21%	2.211%
46	14.127	1839	1843	1848	rVV	109781	156176	0.37%	0.081%
47	14.198	1850	1855	1859	rVV	130991	224971	0.54%	0.116%
48	14.333	1871	1878	1889	rVB	3398282	5413777	12.90%	2.795%
49	14.474	1896	1902	1909	rVB10	44032	119506	0.28%	0.062%
50	14.639	1918	1930	1936	rBV	2374209	3696005	8.81%	1.908%
51	14.704	1936	1941	1947	rVV	3851023	5470841	13.04%	2.824%
52	14.768	1947	1952	1957	rVV	1614075	2241574	5.34%	1.157%
53	14.815	1957	1960	1969	rVB2	298178	498328	1.19%	0.257%
54	14.910	1971	1976	1981	rBV	371798	508895	1.21%	0.263%
55	15.039	1992	1998	2004	rVB	3346028	4716478	11.24%	2.435%
56	15.174	2016	2021	2027	rBV	902981	1364916	3.25%	0.705%
57	15.257	2031	2035	2040	rVB	322155	459273	1.09%	0.237%
58	15.557	2081	2086	2092	rBV	148195	255302	0.61%	0.132%
59	15.627	2092	2098	2103	rVV	4265304	6276034	14.96%	3.240%
60	15.686	2103	2108	2112	rVV	1719381	2414907	5.76%	1.247%
61	15.739	2112	2117	2125	rVV2	1656008	2418620	5.76%	1.249%
62	15.827	2125	2132	2138	rVV2	211062	539640	1.29%	0.279%
63	15.904	2141	2145	2149	rVV2	149102	206951	0.49%	0.107%
64	15.980	2153	2158	2164	rVB4	205113	416500	0.99%	0.215%
65	16.051	2165	2170	2173	rBV2	110035	169767	0.40%	0.088%
66	16.121	2178	2182	2191	rVB2	208684	373799	0.89%	0.193%
67	16.357	2211	2222	2229	rBV2	475155	948002	2.26%	0.489%
68	16.556	2248	2256	2264	rBV4	88040	266692	0.64%	0.138%
69	16.639	2264	2270	2276	rBV	1370063	1917277	4.57%	0.990%
70	16.874	2305	2310	2315	rBV2	117971	227046	0.54%	0.117%
71	17.027	2324	2336	2345	rBV2	1945880	3403471	8.11%	1.757%
72	17.198	2356	2365	2371	rVB2	214087	432621	1.03%	0.223%
73	17.274	2371	2378	2383	rBV2	138720	265127	0.63%	0.137%
74	17.333	2384	2388	2391	rBV	274155	314738	0.75%	0.162%
75	17.380	2391	2396	2400	rBV	2826457	4106952	9.79%	2.120%
76	17.427	2400	2404	2409	rVB2	1795537	2581525	6.15%	1.333%

LSC Area Percent Report

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Acq On : 06 Mar 2023 17:58
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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	17.480	2409	2413	2418	rBV	4986099	6681467	15.92%	3.449%
78	17.786	2454	2465	2472	rBV	8904268	12635544	30.11%	6.523%
79	17.939	2485	2491	2498	rBV	1660001	2270848	5.41%	1.172%
80	18.086	2513	2516	2520	rVB	130713	155621	0.37%	0.080%
81	18.133	2520	2524	2529	rBV3	101814	165359	0.39%	0.085%
82	18.215	2534	2538	2544	rVB	202543	281739	0.67%	0.145%
83	18.303	2545	2553	2558	rVV3	302451	721332	1.72%	0.372%
84	18.374	2562	2565	2572	rVB	337965	447368	1.07%	0.231%
85	18.445	2573	2577	2582	rBV3	92902	165537	0.39%	0.085%
86	18.533	2588	2592	2594	rBV	97214	136388	0.33%	0.070%
87	18.598	2600	2603	2606	rVB	115101	128459	0.31%	0.066%
88	18.633	2606	2609	2614	rVB	131831	173503	0.41%	0.090%
89	18.698	2615	2620	2625	rBV3	261449	466640	1.11%	0.241%
90	18.745	2625	2628	2633	rVB	186671	252059	0.60%	0.130%
91	19.256	2711	2715	2721	rBV2	133656	205512	0.49%	0.106%
92	19.433	2742	2745	2751	rVB	72719	108153	0.26%	0.056%
93	19.521	2756	2760	2763	rBV4	124614	194449	0.46%	0.100%
94	19.768	2796	2802	2813	rBV	6060167	8708958	20.75%	4.496%
95	20.233	2876	2881	2888	rBV	370918	538859	1.28%	0.278%
96	21.274	3054	3058	3066	rBV2	187745	268780	0.64%	0.139%
97	21.562	3102	3107	3122	rBV	3485261	4523647	10.78%	2.335%
98	22.856	3324	3327	3336	rVB	161685	242458	0.58%	0.125%
99	23.856	3489	3497	3506	rBV2	4666540	9215708	21.96%	4.758%
100	24.015	3517	3524	3536	rVB2	2563552	5102822	12.16%	2.634%

Sum of corrected areas: 193704942

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038876.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

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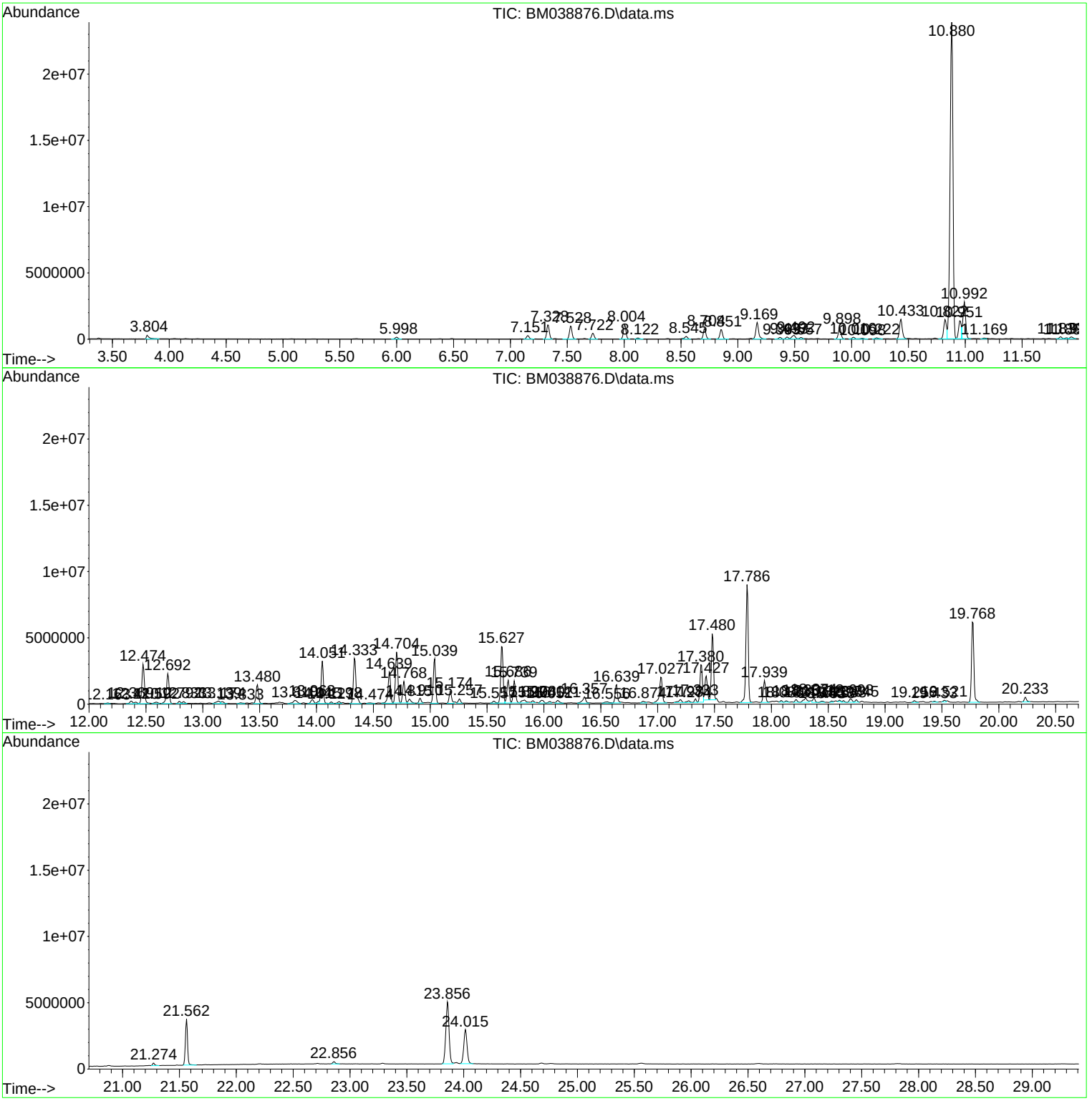
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038876.D
Acq On : 06 Mar 2023 17:58
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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

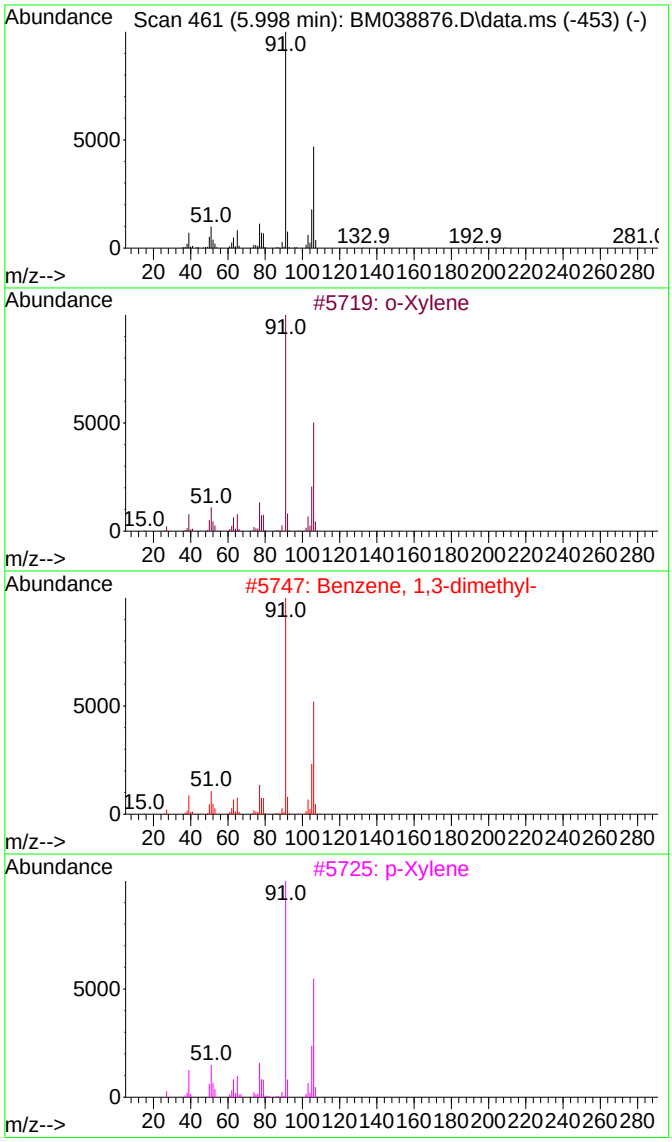
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

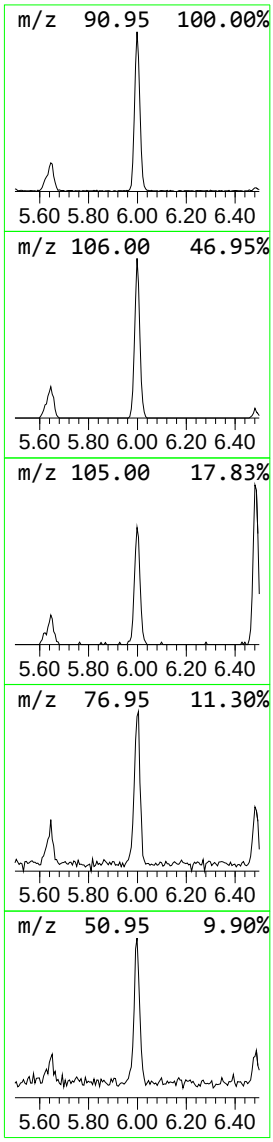
****

Peak Number 1 o-Xylene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.998	2.56 ng/ul	215744	1,4-Dichlorobenzene-d4	8.004

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	97
5	o-Xylene	106	C8H10	000095-47-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038876.D
Acq On : 06 Mar 2023 17:58
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Sample : 01746-03
Misc :
ALS Vial : 6 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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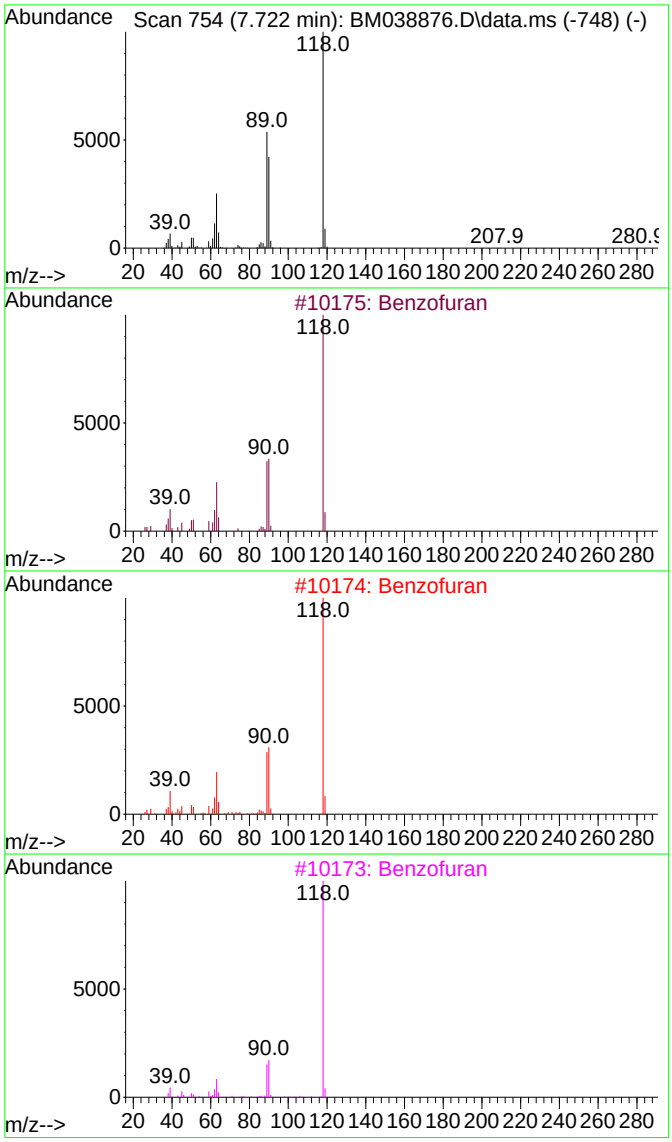
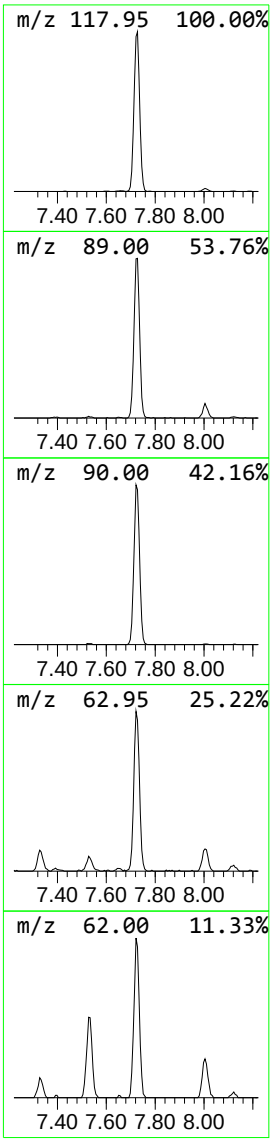
Peak Number 2 Benzofuran Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	8.17 ng/ul	687828	1,4-Dichlorobenzene-d4	8.004

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	83
5	Benzofuran	118	C8H6O	000271-89-6	58





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Data File : BM038876.D
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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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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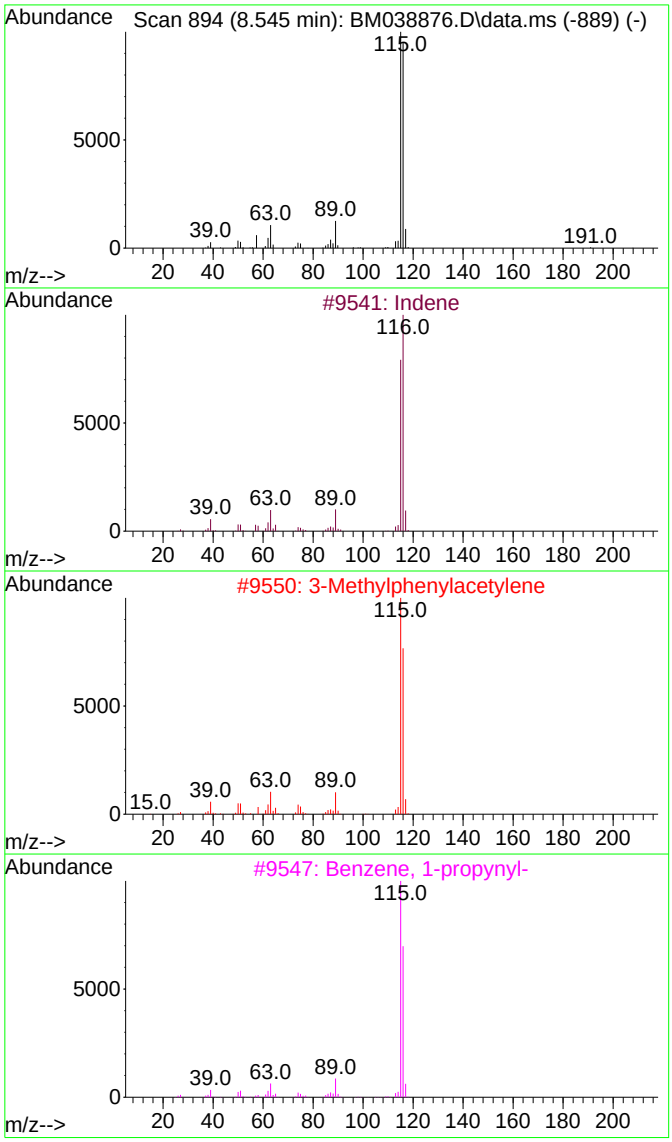
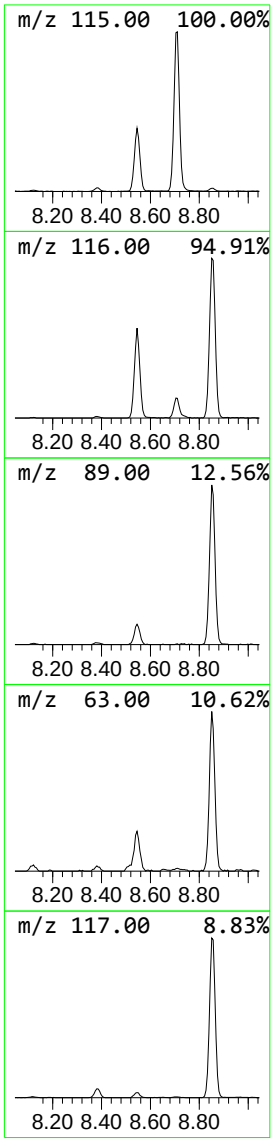
Peak Number 3 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.545	3.88 ng/ul	326474	1,4-Dichlorobenzene-d4	8.004

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	91
3	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	91





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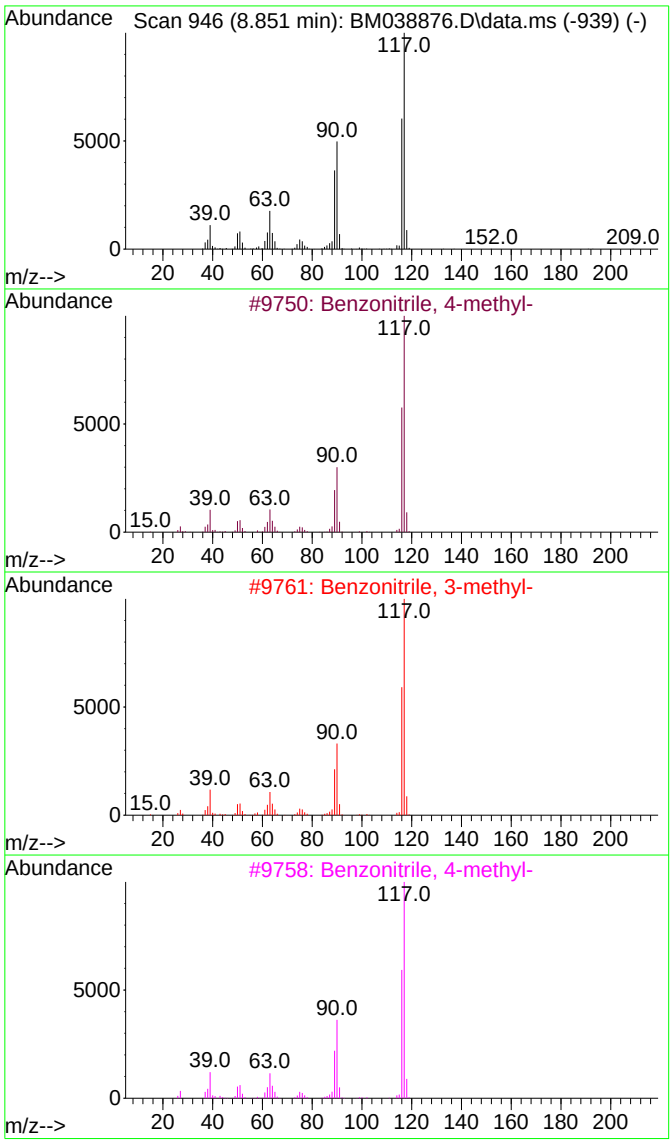
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

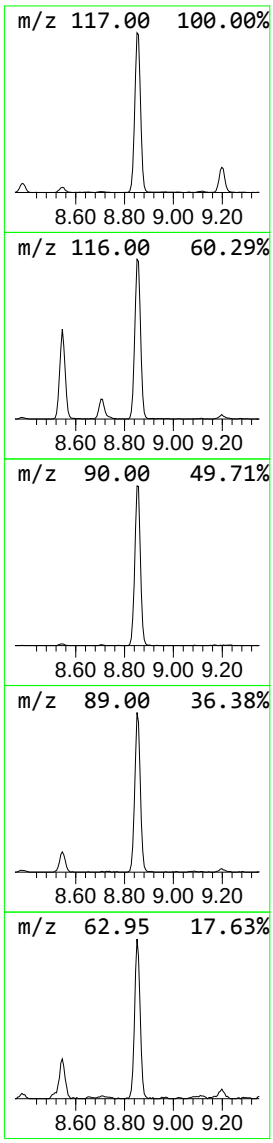
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	13.68 ng/ul	1151200	1,4-Dichlorobenzene-d4	8.004

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, 4-methyl-	117	C8H7N	000104-85-8	97
4	Benzonitrile, 3-methyl-	117	C8H7N	000620-22-4	97
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038876.D
Acq On : 06 Mar 2023 17:58
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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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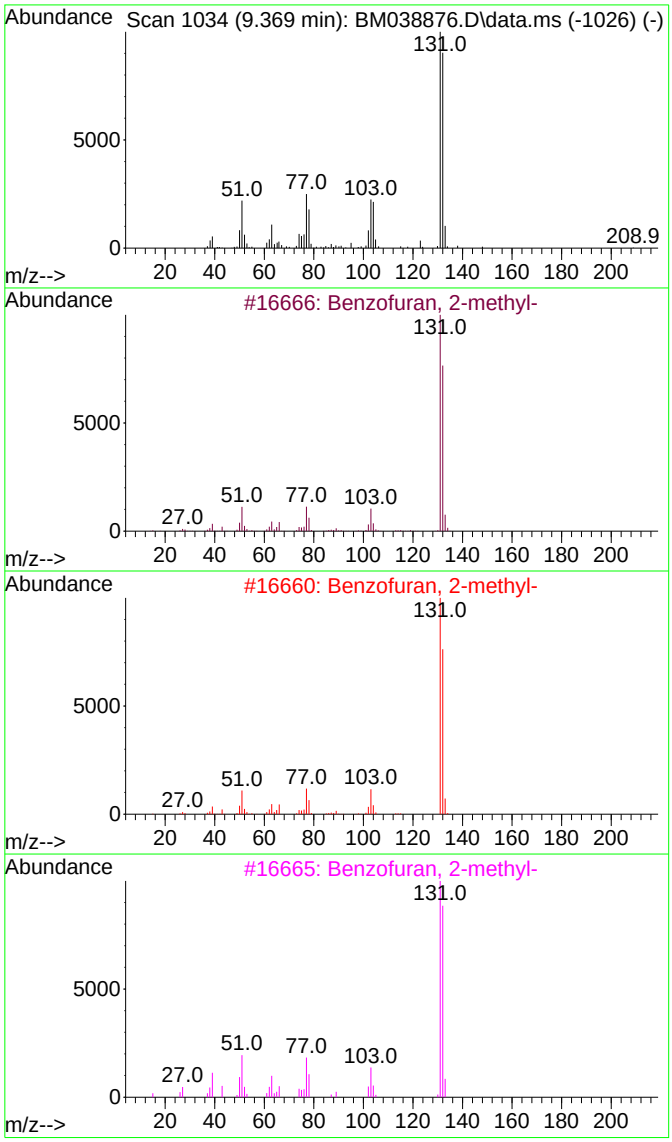
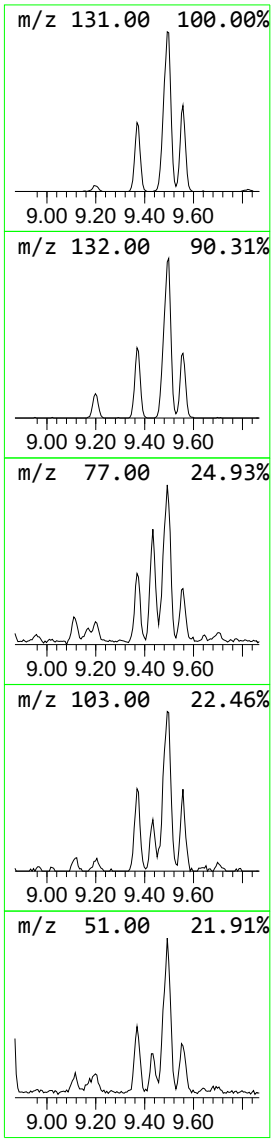
Peak Number 5 Benzofuran, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	2.21 ng/ul	185920	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87





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Sample : 01746-03
Misc :
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ClientSampleId :
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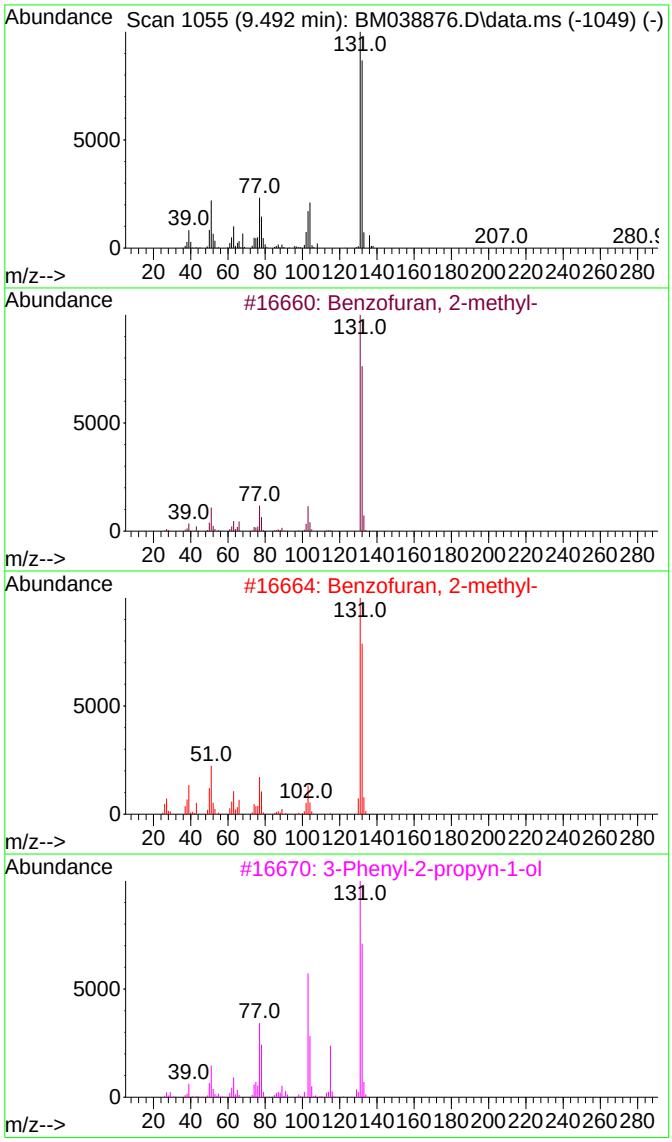
Quant Title : SVOA CALIBRATION

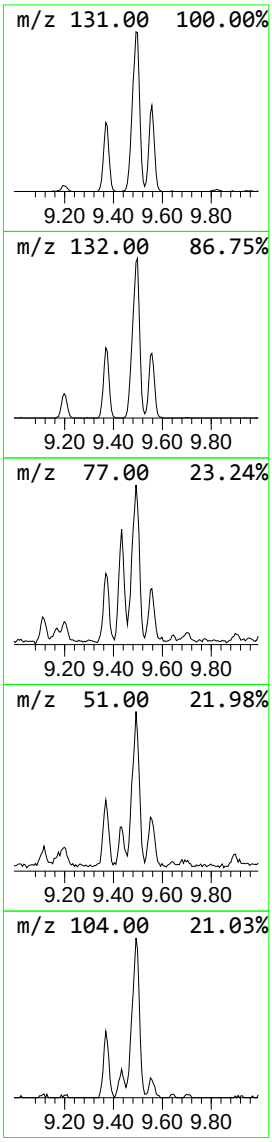
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 3-Phenyl-2-propyn-1-ol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.492	4.66 ng/ul	578232	Naphthalene-d8	10.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	90





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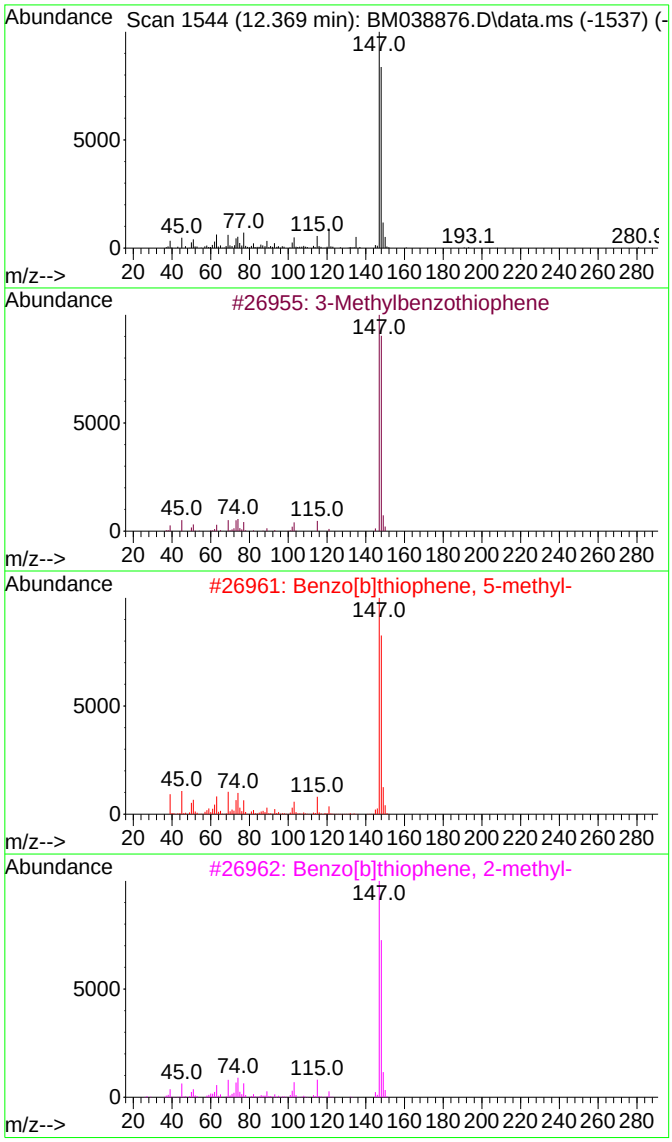
Quant Title : SVOA CALIBRATION

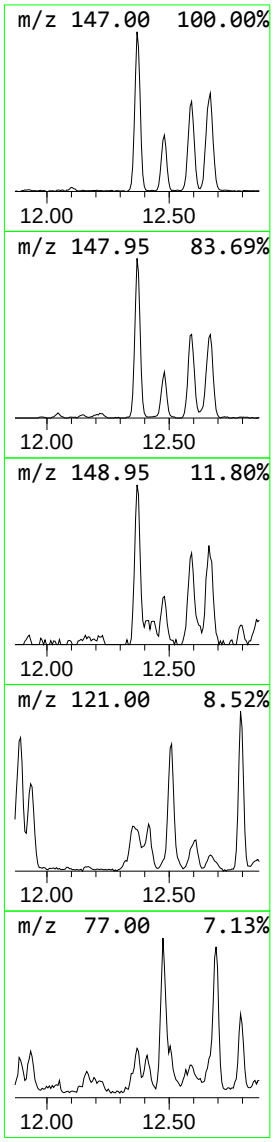
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 3-Methylbenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.368	2.73 ng/ul	338520	Naphthalene-d8	10.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
2	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	90
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	87
4	Benzo[b]thiophene, 6-methyl-	148	C9H8S	016587-47-6	83
5	Pyrrole-3-carbonitrile, 5-formyl...	148	C8H8N2O	032487-71-1	80





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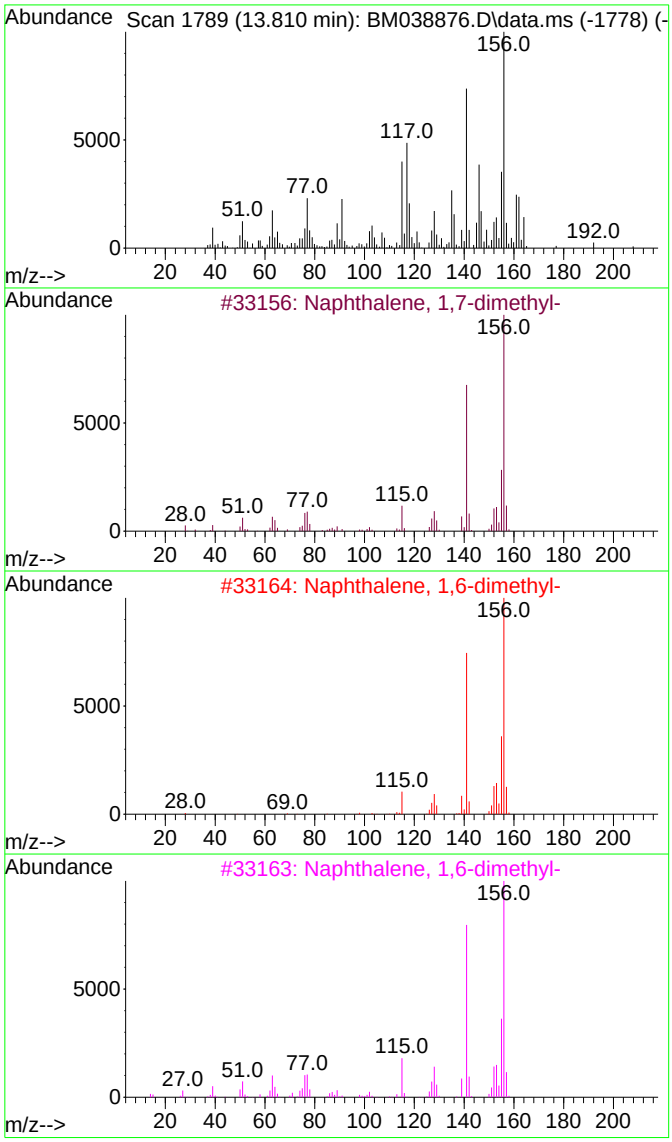
Quant Title : SVOA CALIBRATION

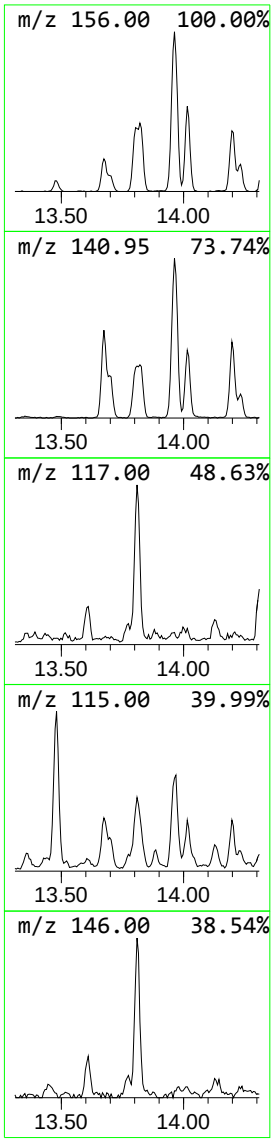
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 1,7-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	3.51 ng/ul	649013	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	91
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	90





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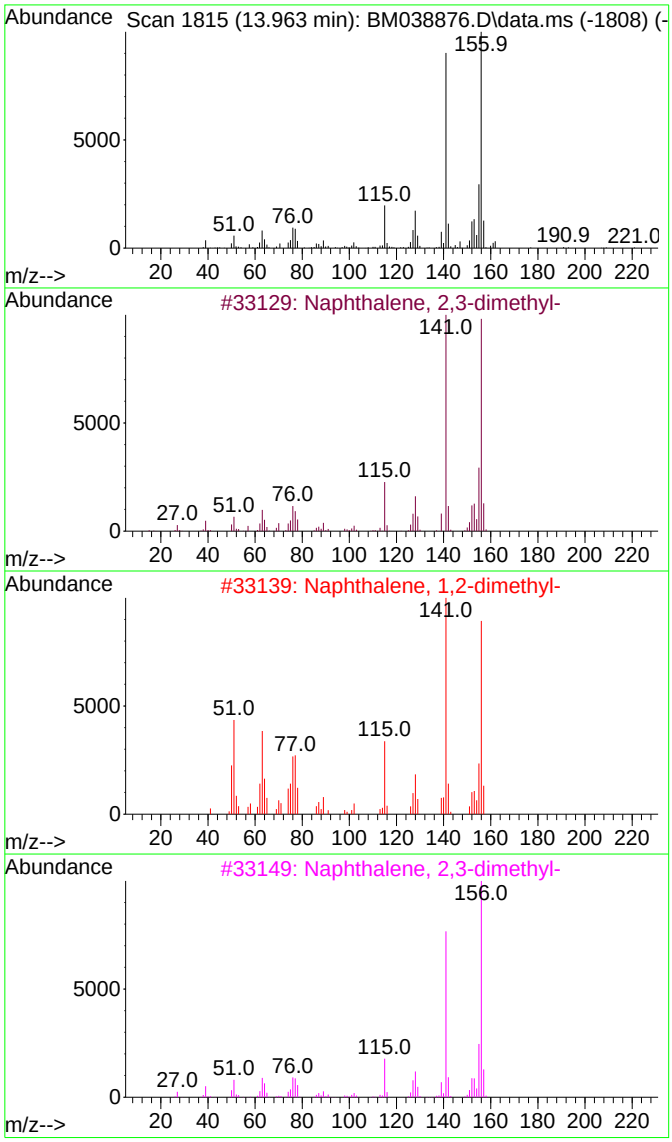
Quant Title : SVOA CALIBRATION

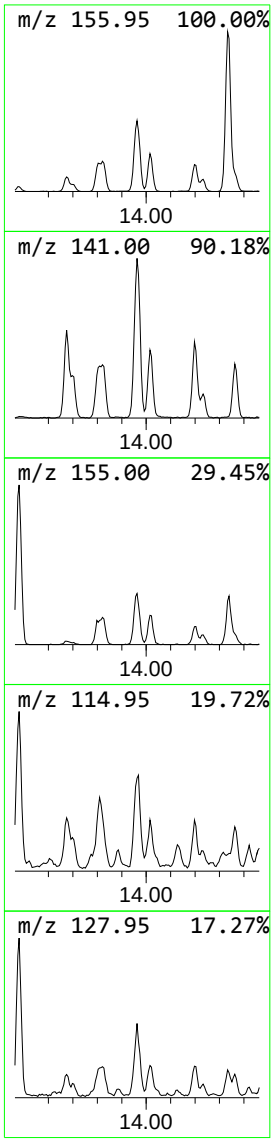
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.963	2.92 ng/ul	538951	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, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97





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Quant Title : SVOA CALIBRATION

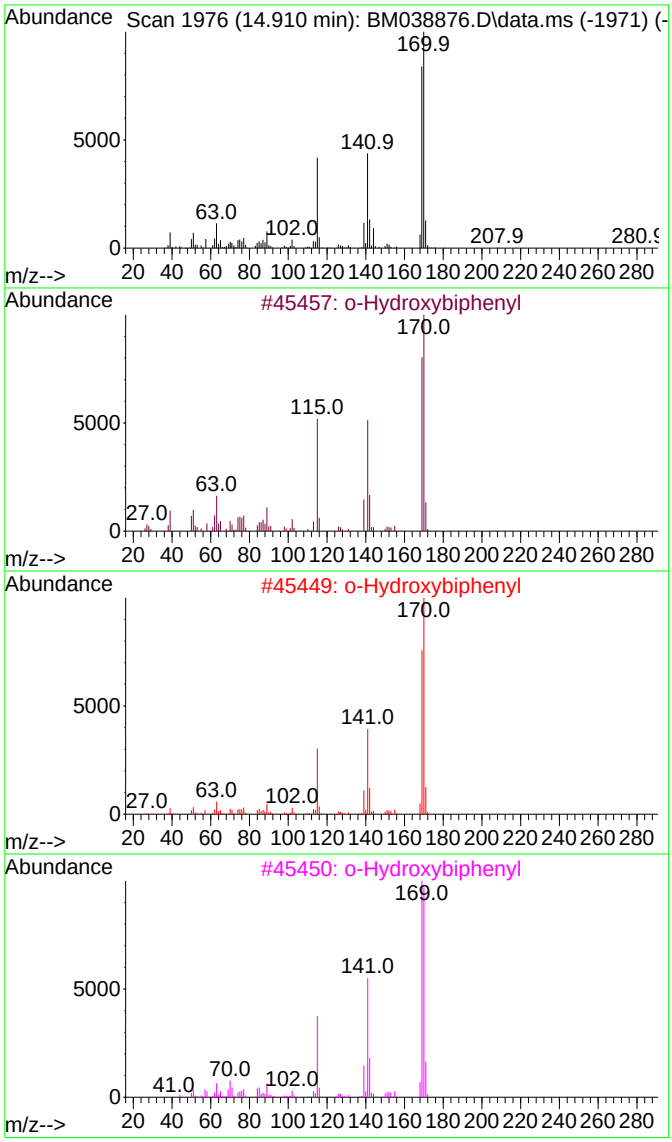
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

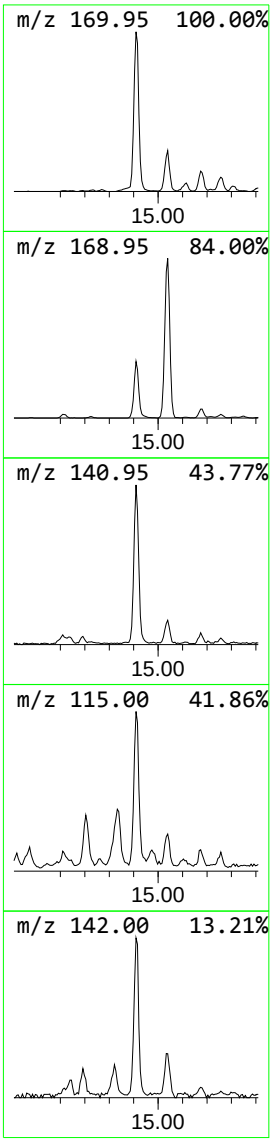
****

Peak Number 10 o-Hydroxybiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	2.75 ng/ul	508895	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	95
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	93
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	93





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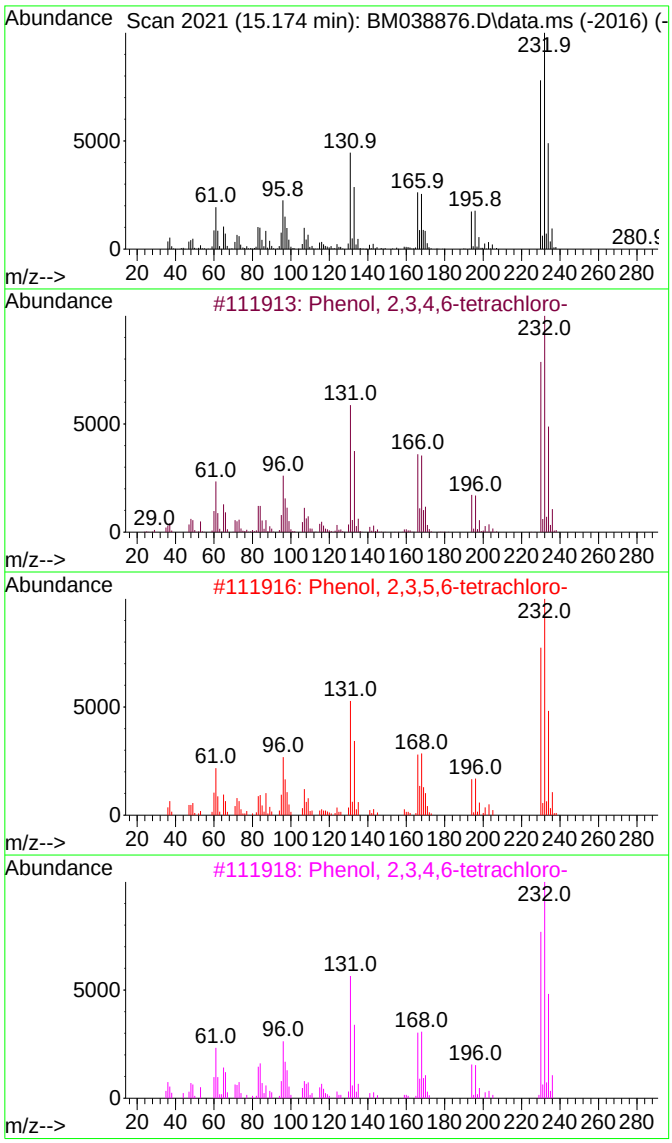
Quant Title : SVOA CALIBRATION

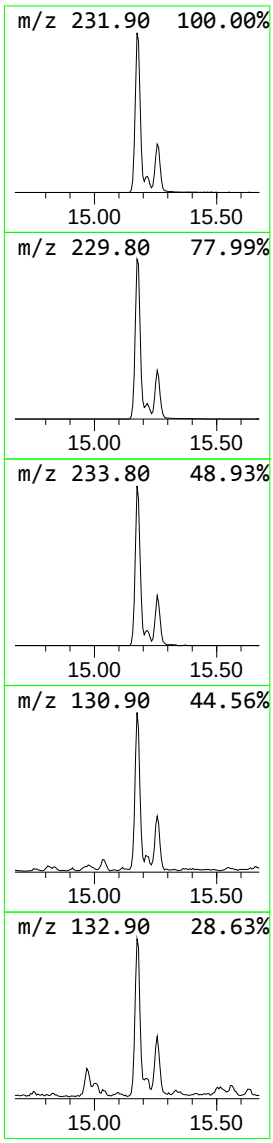
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	7.39 ng/ul	1364920	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, 2,3,4,5-tetrachloro-	230	C6H2Cl4O	004901-51-3	98
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	98





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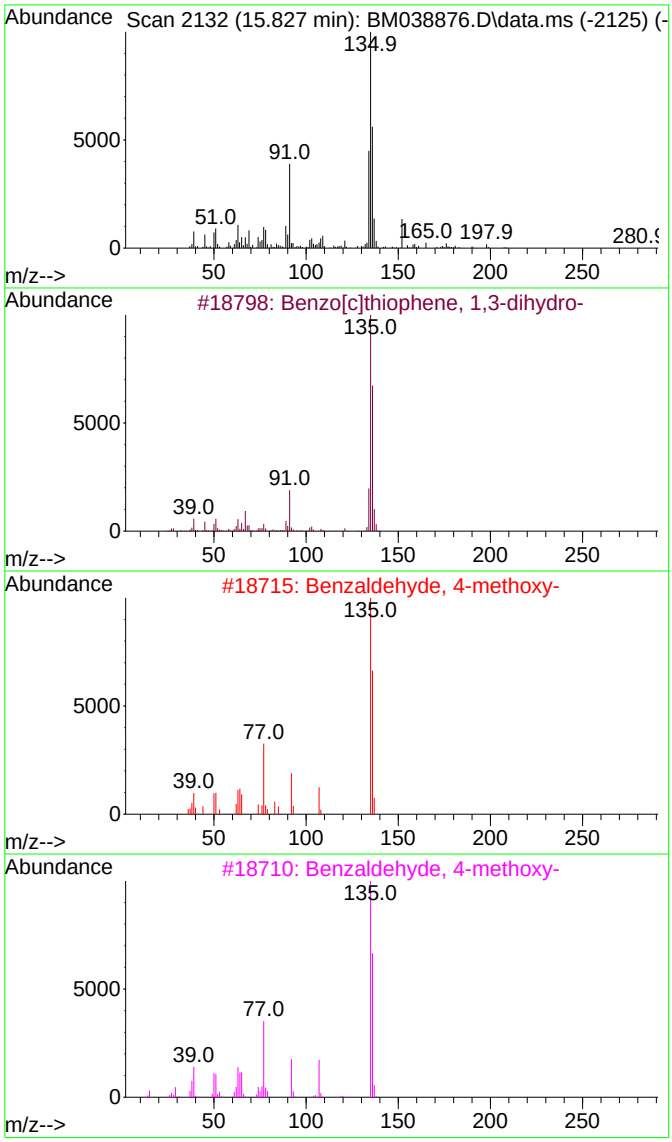
Quant Title : SVOA CALIBRATION

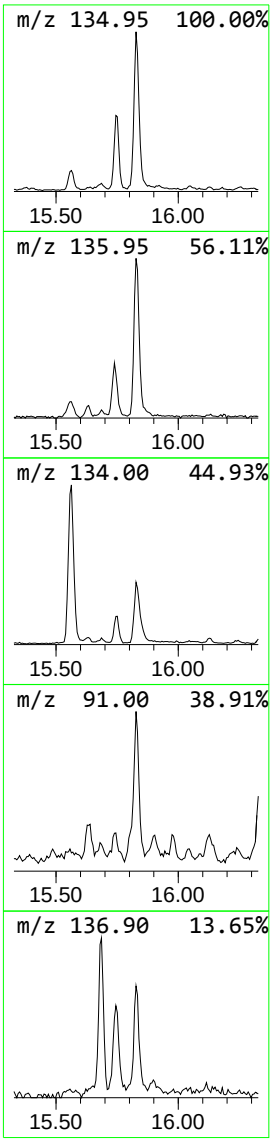
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Benzo[c]thiophene, 1,3-dihy... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.827	2.92 ng/ul	539640	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	86
2	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	49
3	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	47
4	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	47
5	Benzenamine, 2,4,6-trimethyl-	135	C9H13N	000088-05-1	47





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TIC Library : C:\Database\NIST20.L
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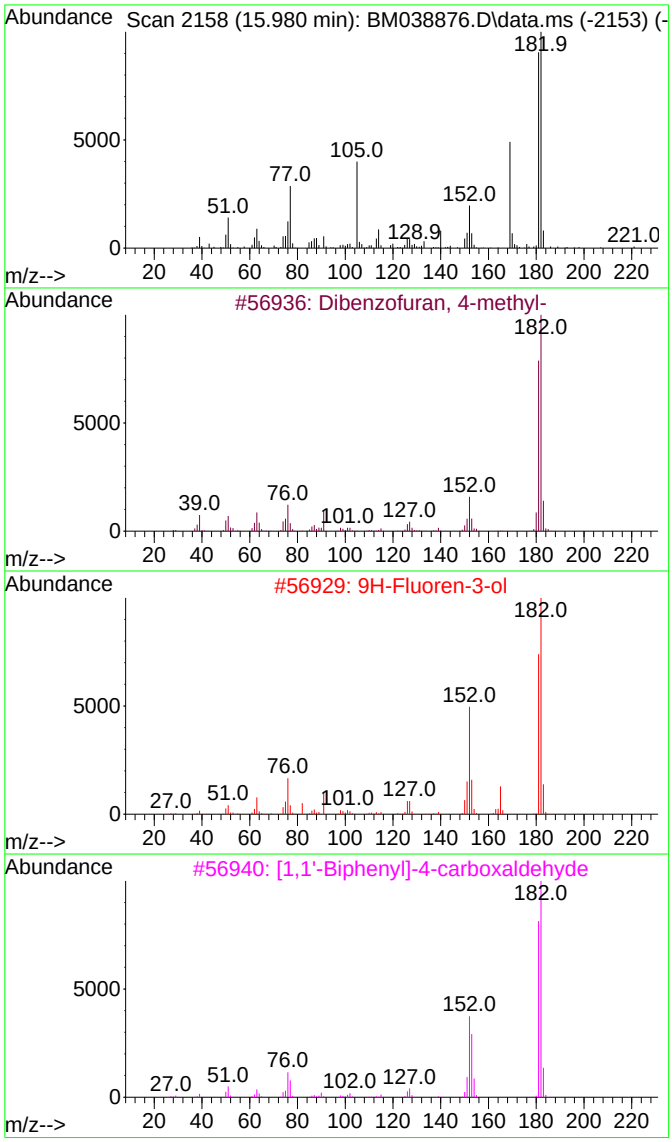
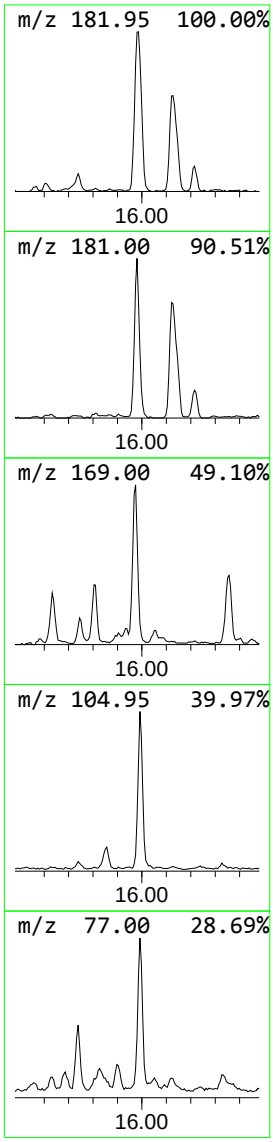
****

Peak Number 13 Dibenzofuran, 4-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	2.25 ng/ul	416500	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	62
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	53
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	50
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	47
5	9H-Xanthene	182	C13H10O	000092-83-1	46





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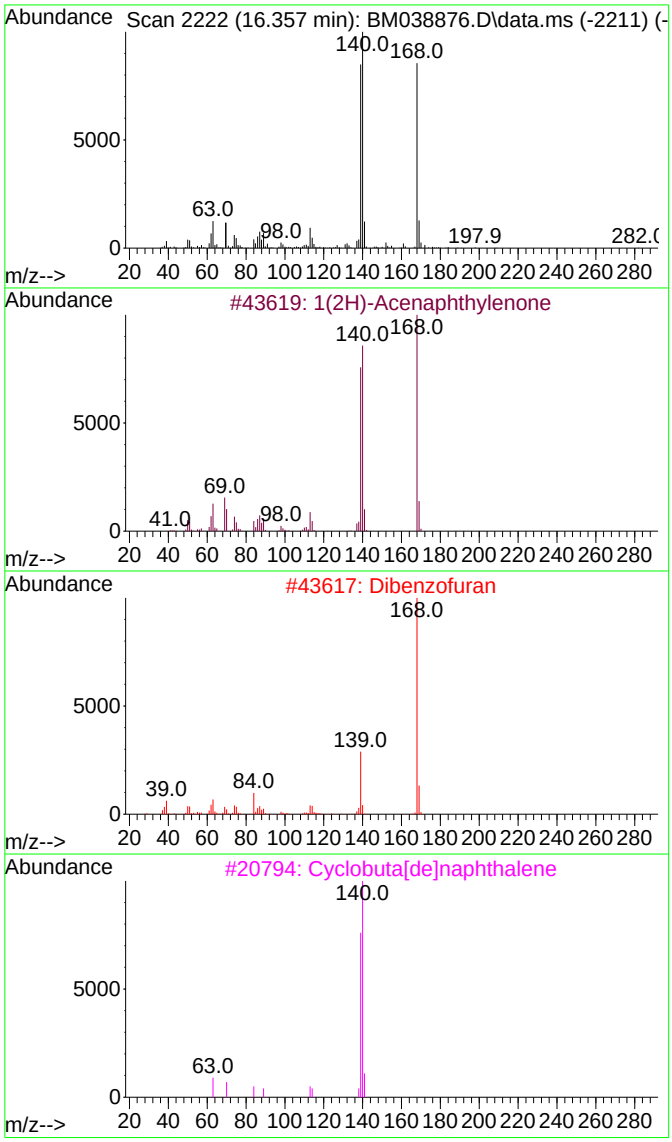
Quant Title : SVOA CALIBRATION

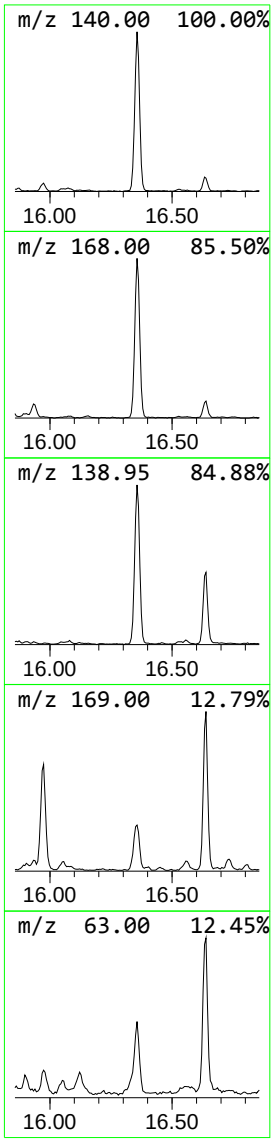
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 1(2H)-Acenaphthylenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.357	4.62 ng/ul	948002	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Dibenzofuran	168	C12H8O	000132-64-9	64
3	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
4	5-Chloro-2-benzofuran-1(3H)-one	168	C8H5ClO2	054109-03-4	52
5	7(4H)-Benzothiazolone, 2-amino-5...	168	C7H8N2OS	017583-10-7	50





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TIC Library : C:\Database\NIST20.L
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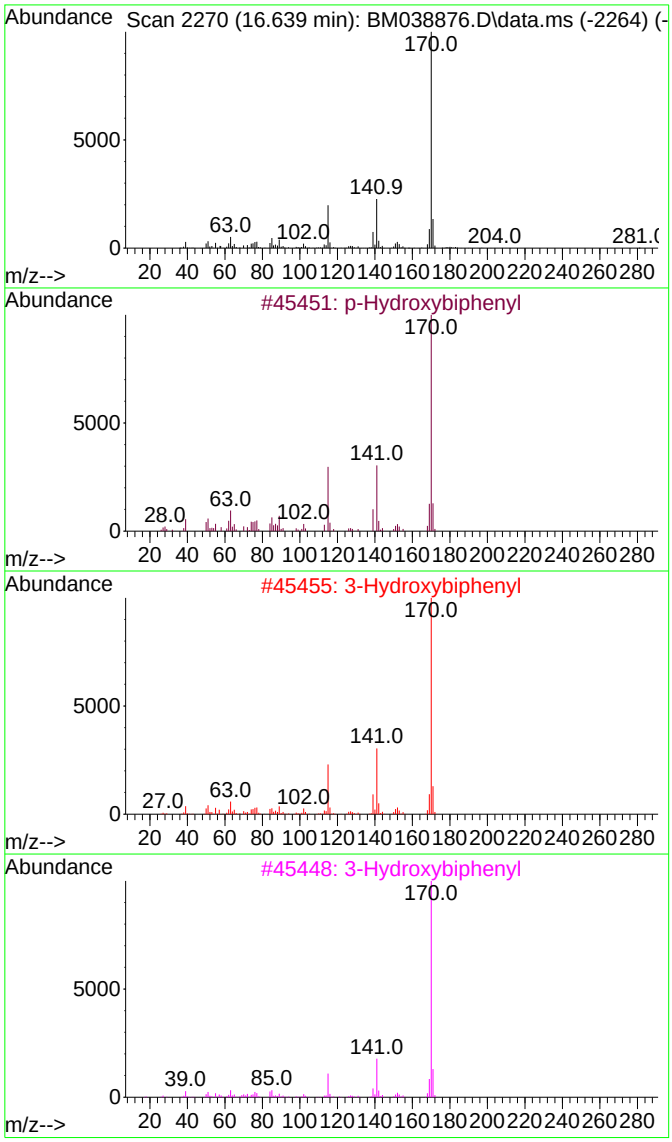
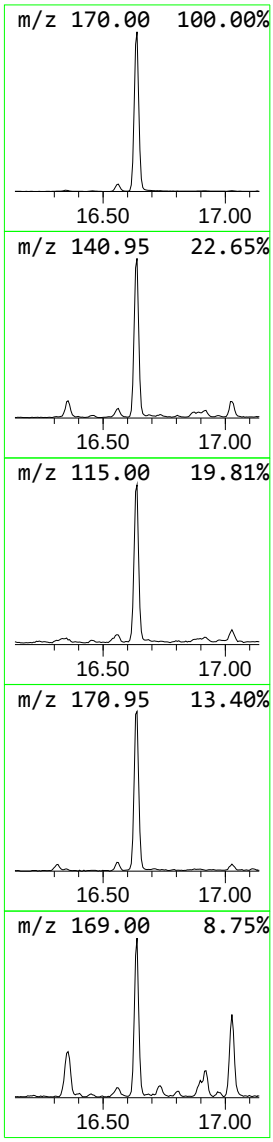
****

Peak Number 15 p-Hydroxybiphenyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.639	9.34 ng/ul	1917280	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	93
4	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	90





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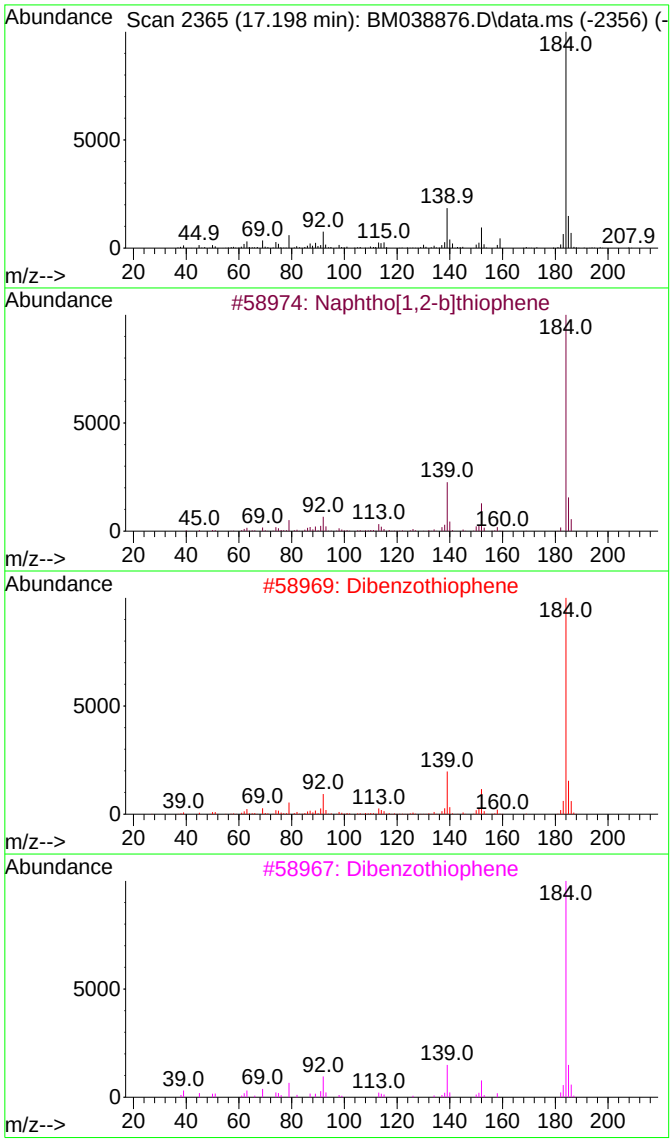
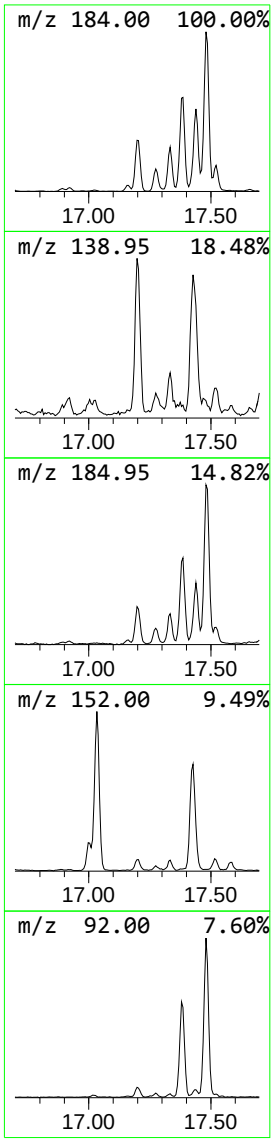
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Naphtho[1,2-b]thiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	2.11 ng/ul	432621	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	97
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
5	Dibenzothiophene	184	C12H8S	000132-65-0	96





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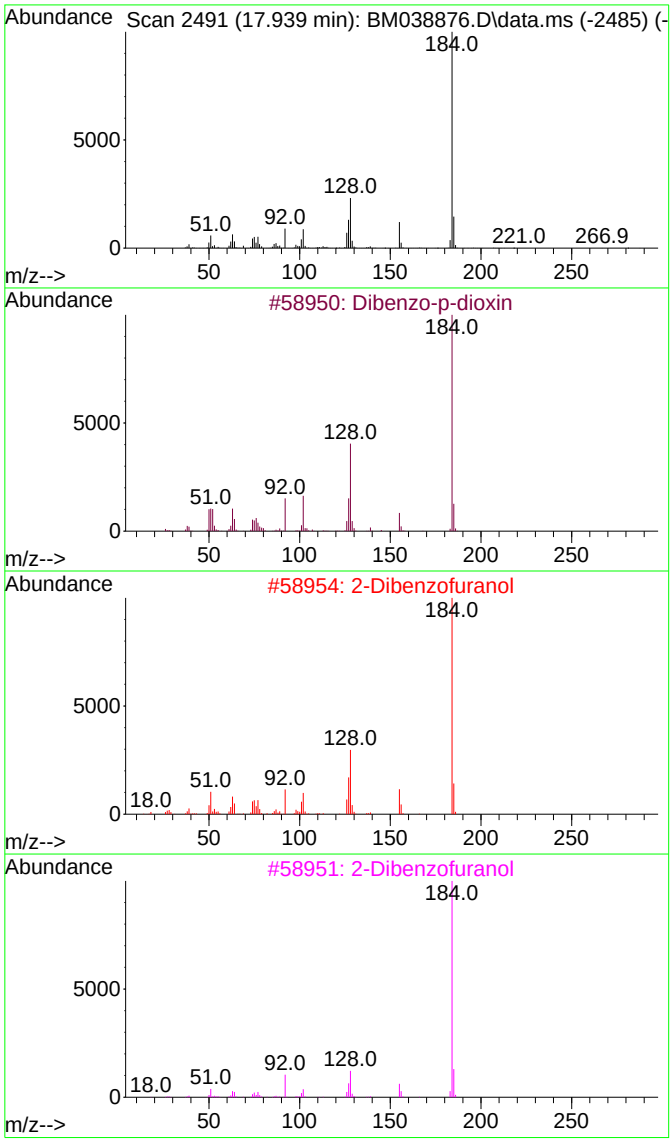
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

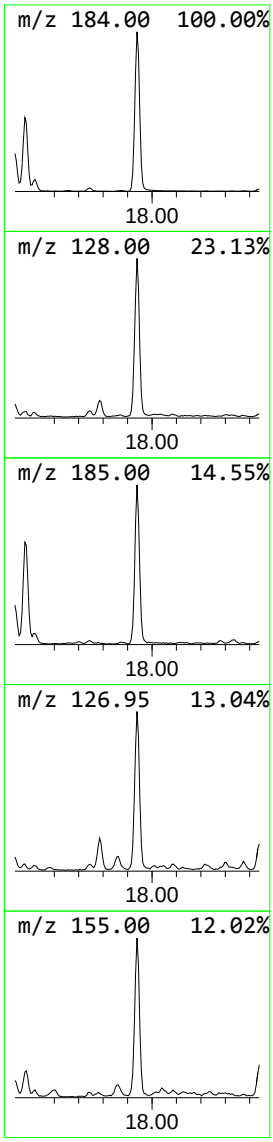
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Dibenzo-p-dioxin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	11.06 ng/ul	2270850	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	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
4	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	90





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Data File : BM038876.D
Acq On : 06 Mar 2023 17:58
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

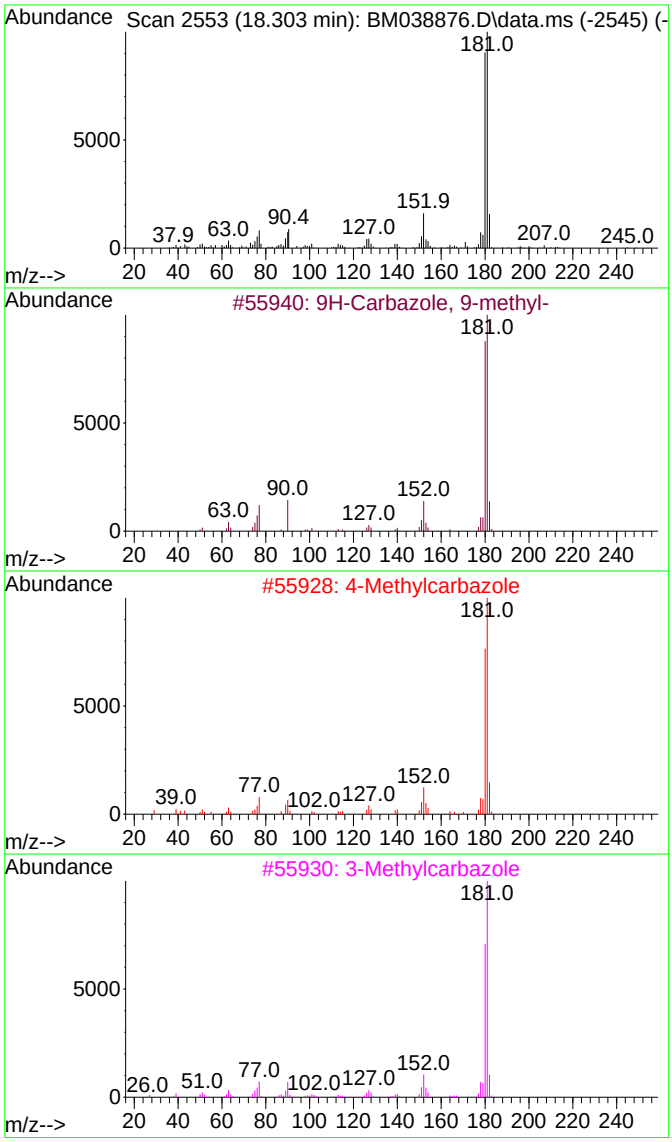
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

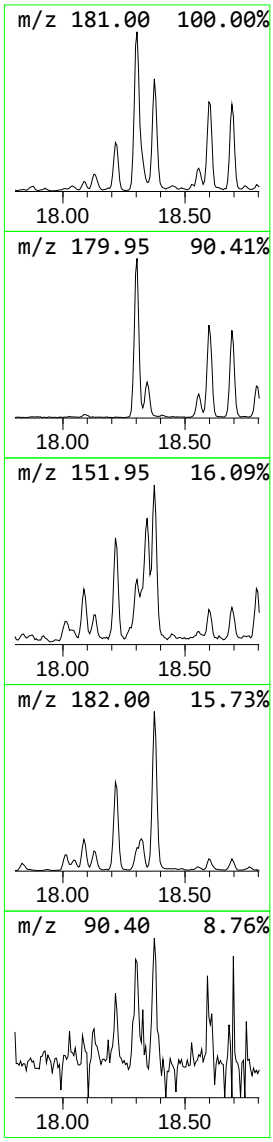
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 9H-Carbazole, 9-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.303	3.51 ng/ul	721332	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	4-Methylcarbazole	181	C13H11N	003770-48-7	97
3	3-Methylcarbazole	181	C13H11N	004630-20-0	95
4	4-Methylcarbazole	181	C13H11N	003770-48-7	95
5	2-Fluorenamine	181	C13H11N	000153-78-6	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038876.D
Acq On : 06 Mar 2023 17:58
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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

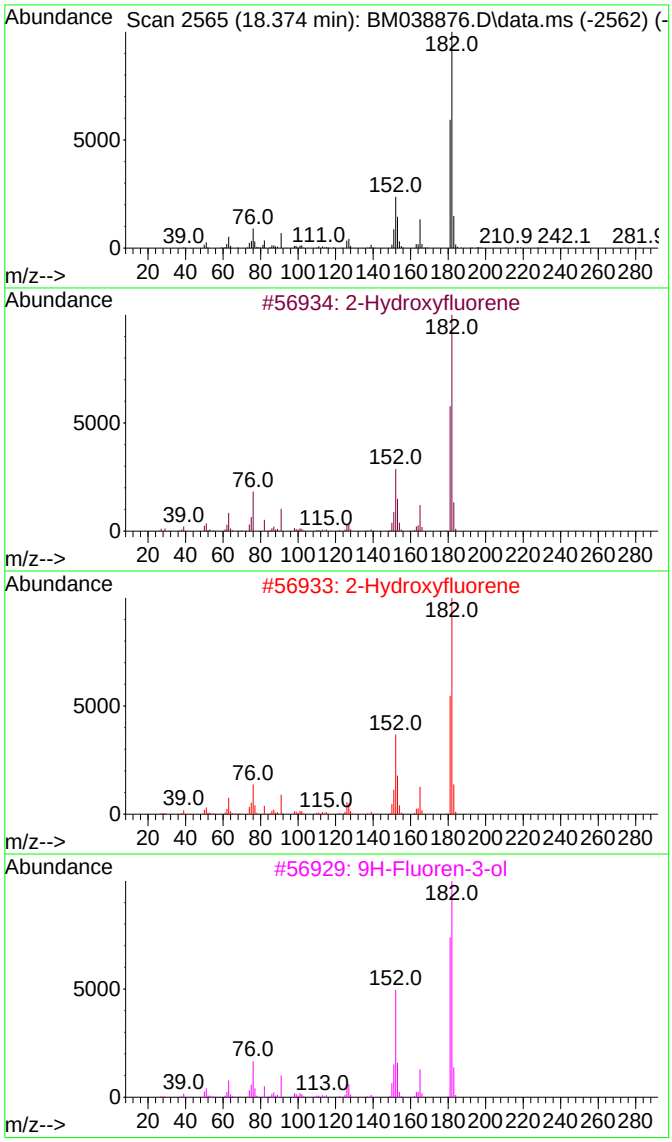
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

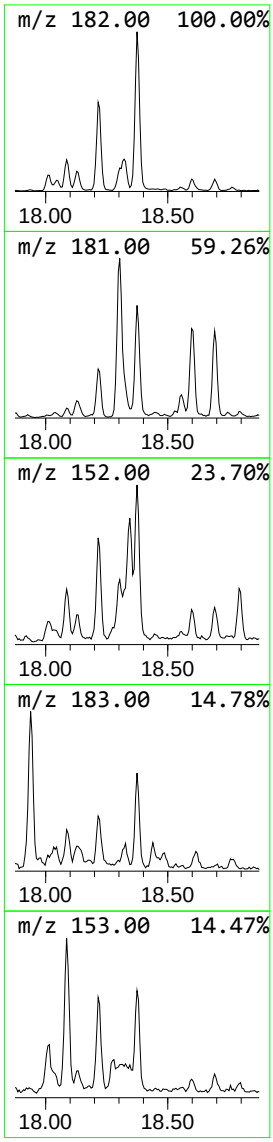
****

Peak Number 19 2-Hydroxyfluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	2.18 ng/ul	447368	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	95
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	95
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	94
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
5	8-Methylaminonaphthalene-1-carbo...	182	C12H10N2	1000187-15-2	64





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Data File : BM038876.D
Acq On : 06 Mar 2023 17:58
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

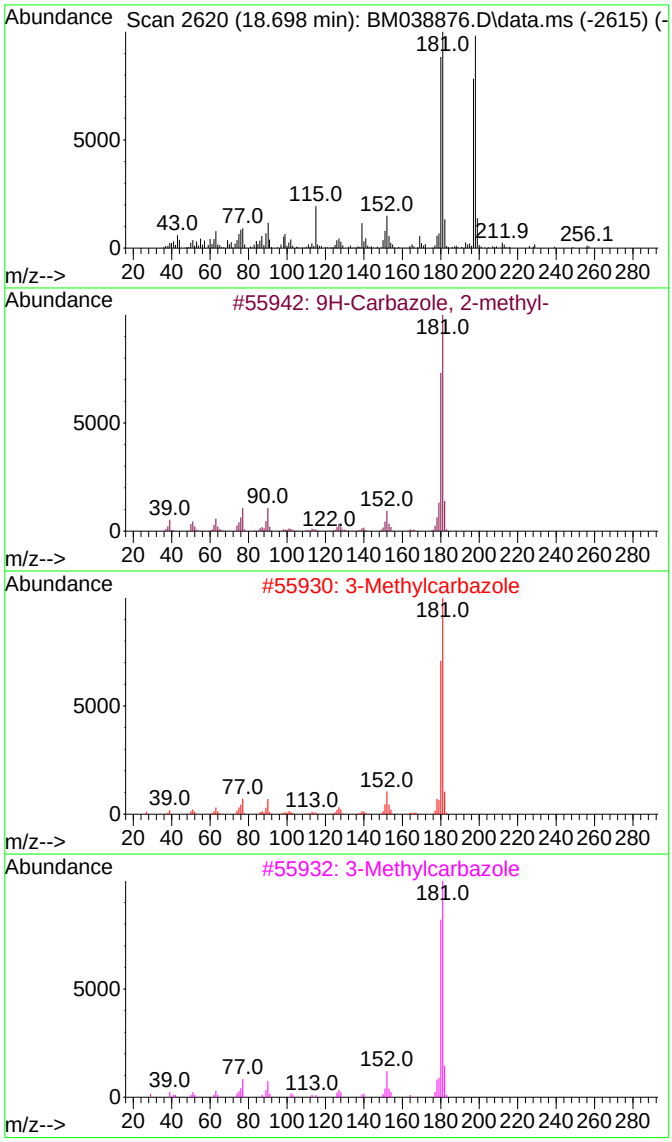
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

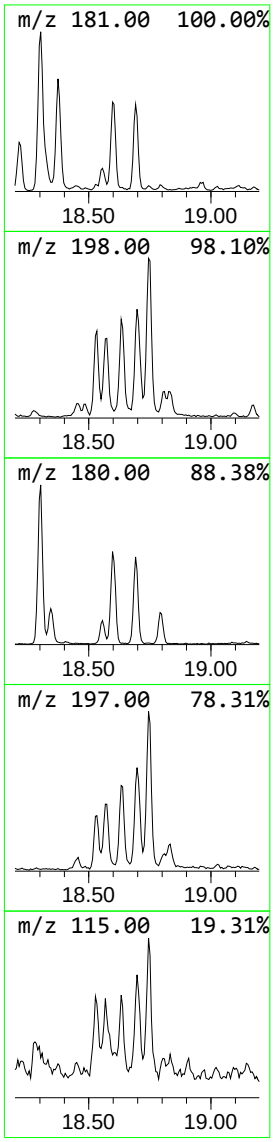
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 9H-Carbazole, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	2.27 ng/ul	466640	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	64
2	3-Methylcarbazole	181	C13H11N	004630-20-0	64
3	3-Methylcarbazole	181	C13H11N	004630-20-0	64
4	2-Fluorenamine	181	C13H11N	000153-78-6	50
5	3-Methylcarbazole	181	C13H11N	004630-20-0	46





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Data File : BM038876.D
Acq On : 06 Mar 2023 17:58
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

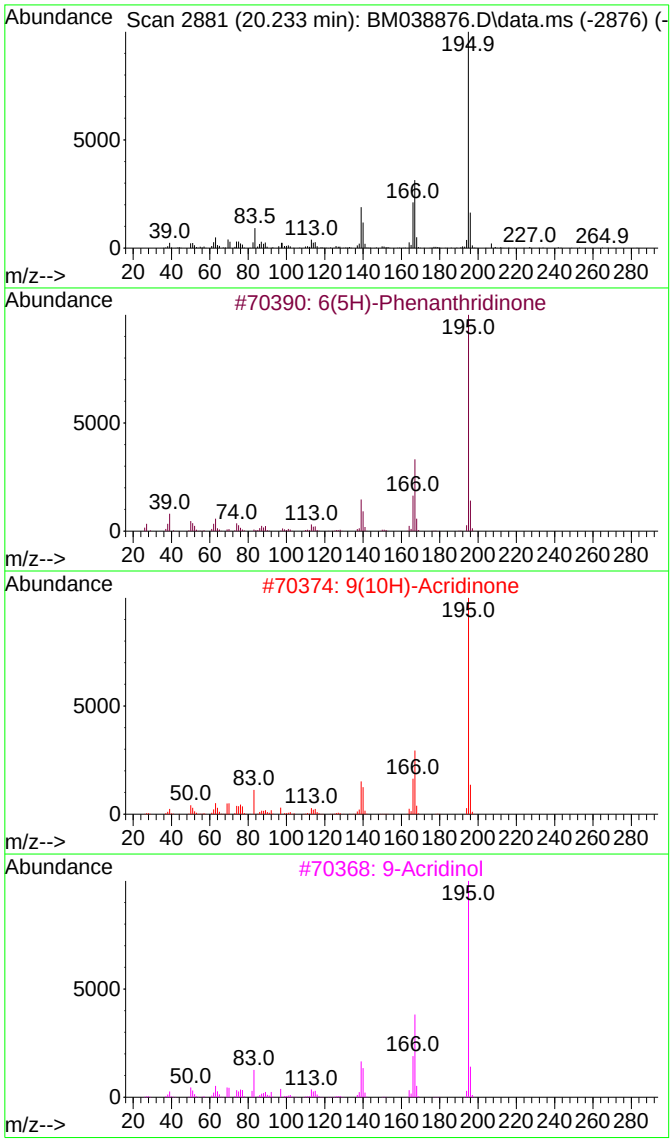
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

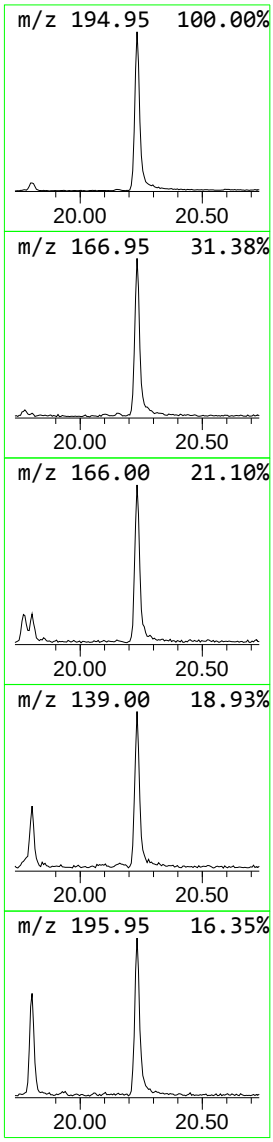
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 6(5H)-Phenanthridinone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	2.38 ng/ul	538859	Chrysene-d12	21.562

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
2	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
3	9-Acridinol	195	C13H9NO	000643-62-9	95
4	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	95
5	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038876.D
Acq On : 06 Mar 2023 17:58
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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	5.998	2.6	ng/ul	215744	1	8.004	1683120	20.0
Benzofuran	7.722	8.2	ng/ul	687828	1	8.004	1683120	20.0
Indene	8.545	3.9	ng/ul	326474	1	8.004	1683120	20.0
Benzonitrile, 4...	8.851	13.7	ng/ul	1151200	1	8.004	1683120	20.0
Benzofuran, 2-m...	9.369	2.2	ng/ul	185920	1	8.004	1683120	20.0
3-Phenyl-2-prop...	9.492	4.7	ng/ul	578232	2	10.822	2479380	20.0
3-Methylbenzoth...	12.368	2.7	ng/ul	338520	2	10.822	2479380	20.0
Naphthalene, 1,...	13.810	3.5	ng/ul	649013	3	14.639	3696010	20.0
Naphthalene, 2,...	13.963	2.9	ng/ul	538951	3	14.639	3696010	20.0
o-Hydroxybiphenyl	14.910	2.8	ng/ul	508895	3	14.639	3696010	20.0
Phenol, 2,3,5,6...	15.174	7.4	ng/ul	1364920	3	14.639	3696010	20.0
Benzo[c]thiophe...	15.827	2.9	ng/ul	539640	3	14.639	3696010	20.0
Dibenzofuran, 4...	15.980	2.3	ng/ul	416500	3	14.639	3696010	20.0
1(2H)-Acenaphth...	16.357	4.6	ng/ul	948002	4	17.380	4106950	20.0
p-Hydroxybiphenyl	16.639	9.3	ng/ul	1917280	4	17.380	4106950	20.0
Naphtho[1,2-b]t...	17.198	2.1	ng/ul	432621	4	17.380	4106950	20.0
Dibenzo-p-dioxin	17.939	11.1	ng/ul	2270850	4	17.380	4106950	20.0
9H-Carbazole, 9...	18.303	3.5	ng/ul	721332	4	17.380	4106950	20.0
2-Hydroxyfluorene	18.374	2.2	ng/ul	447368	4	17.380	4106950	20.0
9H-Carbazole, 2...	18.698	2.3	ng/ul	466640	4	17.380	4106950	20.0
6(5H)-Phenanthr...	20.233	2.4	ng/ul	538859	5	21.562	4523650	20.0