LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 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: BM038907.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	105	rBV	307001	514458	1.14%	0.234%
2	5.993	451	460	466	rBV	143970	231847	0.51%	0.105%
3	7.151	650	657	666	rVB	286062	450340	1.00%	0.205%
4	7.328	680	687	694	rBV	1220274	1847787	4.10%	0.840%
5	7.528	709	721	729	rBV	1091640	1688489	3.75%	0.768%
6	7.722	748	754	764	rVB	478544	755930	1.68%	0.344%
7	8.004	794	802	809	rBV	1093911	1773345	3.94%	0.806%
8	8.539	879	893	900	rBV2	207572	417181	0.93%	0.190%
9	8.704	915	921	930	rVB	887308	1374121	3.05%	0.625%
10	8.851	936	946	957	rVB	802992	1285374	2.85%	0.585%
11	9.169	993	1000	1013	rVV	1388240	2409145	5.35%	1.096%
12	9.369	1025	1034	1039	rBV	122244	212889	0.47%	0.097%
13	9.428	1039	1044	1048	rVV	156682	258848	0.57%	0.118%
14	9.486	1048	1054	1060	rVV	295151	646916	1.44%	0.294%
15	9.551	1060	1065	1070	rVV	120033	214350	0.48%	0.097%
16	9.892	1115	1123	1130	rBV	1059357	1713099	3.80%	0.779%
17	10.016	1137	1144	1149	rVV	152157	256189	0.57%	0.116%
18	10.092	1149	1157	1166	rVB2	59419	144105	0.32%	0.066%
19	10.216	1172	1178	1187	rBV4	83729	176357	0.39%	0.080%
20	10.428	1207	1214	1222	rBV	1629170	2842150	6.31%	1.292%
21	10.822	1270	1281	1284	rBV	1549125	2868256	6.37%	1.304%
22	10.880	1284	1291	1297	rVV2	24541756	45032207	100.00%	20.478%
23	10.951	1297	1303	1305	rVV	1556419	2528103	5.61%	1.150%
24	10.986	1305	1309	1319	rVB	3025448	5192560	11.53%	2.361%
25	11.169	1334	1340	1347	rBV3	67215	173437	0.39%	0.079%
26	11.833	1447	1453	1458	rBV	178594	287180	0.64%	0.131%
27	11.927	1465	1469	1476	rVB4	146254	279907	0.62%	0.127%
28	12.369	1537	1544	1547	rVV	222808	367455	0.82%	0.167%
29	12.404	1547	1550	1555	rVB4	109277	169899	0.38%	0.077%
30	12.474	1555	1562	1570	rBV	3225060	5107702	11.34%	2.323%
31	12.586	1575	1581	1587	rVV	124618	288053	0.64%	0.131%
32	12.692	1589	1599	1605	rVB	2450158	4054254	9.00%	1.844%
33	12.792	1610	1616	1619	rBV	195042	292123	0.65%	0.133%
34	12.827	1619	1622	1628	rVB2	150622	216100	0.48%	0.098%
35	13.133	1665	1674	1677	rVV5	208368	504849	1.12%	0.230%
36	13.169	1677	1680	1687	rVB	190866	306709	0.68%	0.139%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 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	13.333	1702	1708	1714	rBV2	76801	168459	0.37%	0.077%
38	13.474	1727	1732	1740	rVB	1631433	2338015	5.19%	1.063%
39	13.810	1777	1789	1797	rBV4	283765	762714	1.69%	0.347%
40	13.957	1808	1814	1820	rVV	335159	626244	1.39%	0.285%
41	14.016	1820	1824	1825	rVV	178860	248588	0.55%	0.113%
42	14.051	1825	1830	1839	rVV	3466579	4863264	10.80%	2.212%
43	14.127	1839	1843	1847	rVV	127466	176532	0.39%	0.080%
44	14.198	1849	1855	1858	rVV	147199	249831	0.55%	0.114%
45	14.333	1871	1878	1889	rVB	3877677	6203115	13.77%	2.821%
46	14.639	1918	1930	1935	rVV	2708746	4107615	9.12%	1.868%
47	14.704	1935	1941	1946	rVV	4418875	6260199	13.90%	2.847%
48	14.763	1946	1951	1956	rVV	1819954	2589041	5.75%	1.177%
49	14.815	1956	1960	1971	rVB3	380627	616201	1.37%	0.280%
50	14.910	1971	1976	1981	rBV	436745	624238	1.39%	0.284%
51	15.033	1992	1997	2004	rVB	3833316	5378345	11.94%	2.446%
52	15.174	2015	2021	2026	rBV	1081660	1582614	3.51%	0.720%
53	15.257	2031	2035	2040	rVB	381771	527987	1.17%	0.240%
54	15.557	2081	2086	2092	rBV	145709	253707	0.56%	0.115%
55	15.627	2092	2098	2103	rVV	5219641	7224593	16.04%	3.285%
56	15.680	2103	2107	2112	rVV	1967061	2766142	6.14%	1.258%
57	15.739	2112	2117	2124	rVV2	1956757	2886420	6.41%	1.313%
58	15.804	2124	2128	2130	rVV2	163346	229315	0.51%	0.104%
59	15.827	2130	2132	2138	rVV2	216168	325320	0.72%	0.148%
60	15.904	2141	2145	2148	rVB2	149830	193476	0.43%	0.088%
61	15.980	2153	2158	2164	rVB4	232475	483750	1.07%	0.220%
62	16.051	2164	2170	2173	rBV2	130205	221968	0.49%	0.101%
63	16.121	2178	2182	2191	rVB2	238208	438389	0.97%	0.199%
64	16.357	2210	2222	2236	rVB3	551062	1179169	2.62%	0.536%
65	16.557	2248	2256	2263	rBV4	110312	322453	0.72%	0.147%
66	16.633	2264	2269	2276	rBV	1630546	2255547	5.01%	1.026%
67	16.874	2305	2310	2315	rBV2	154436	294455	0.65%	0.134%
68	17.027	2324	2336	2344	rBV3	2439685	3975631	8.83%	1.808%
69	17.198	2356	2365	2370	rVB2	260317	514420	1.14%	0.234%
70	17.268	2370	2377	2383	rBV2	164486	333702	0.74%	0.152%
71	17.333	2383	2388	2391	rVV	320100	414257	0.92%	0.188%
72	17.380	2391	2396	2400	rVV	3428651	4796355	10.65%	2.181%
73	17.421	2400	2403	2408	rVV2	2381153	3631734	8.06%	1.651%
74	17.480	2408	2413	2418	rVV	6042884	8526951	18.94%	3.878%
75	17.515	2418	2419	2423	rVV2	363902	306409	0.68%	0.139%
76	17.786	2454	2465	2472	rBV	10046110	14492588	32.18%	6.590%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 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	17.939	2485	2491	2497	rBV	1972955	2651723	5.89%	1.206%
78	18.086	2512	2516	2519	rVB	162171	196318	0.44%	0.089%
79	18.127	2519	2523	2529	rBV4	126844	219412	0.49%	0.100%
80	18.215	2534	2538	2543	rVV	231301	325733	0.72%	0.148%
81	18.274	2544	2548	2549	rVV2	212090	234184	0.52%	0.106%
82	18.298	2549	2552	2557	rVV2	356028	621210	1.38%	0.282%
83	18.374	2561	2565	2572	rVB	399527	586838	1.30%	0.267%
84	18.439	2572	2576	2582	rBV3	115215	239609	0.53%	0.109%
85	18.527	2587	2591	2594	rBV	120150	185723	0.41%	0.084%
86	18.562	2594	2597	2600	rVV3	125523	211356	0.47%	0.096%
87	18.598	2600	2603	2606	rVV	187490	257965	0.57%	0.117%
88	18.633	2606	2609	2614	rVB	166069	204238	0.45%	0.093%
89	18.692	2614	2619	2624	rBV3	325588	561421	1.25%	0.255%
90	18.745	2624	2628	2633	rVV	235495	308487	0.69%	0.140%
91	19.256	2710	2715	2720	rBV2	162982	281951	0.63%	0.128%
92	19.333	2721	2728	2734	rVB2	77927	173818	0.39%	0.079%
93	19.515	2755	2759	2762	rBV2	152818	242034	0.54%	0.110%
94	19.768	2796	2802	2814	rBV	7433228	10062523	22.35%	4.576%
95	20.233	2876	2881	2887	rBV	435618	630936	1.40%	0.287%
96	21.262	3053	3056	3065	rBV	271509	363244	0.81%	0.165%
97	21.556	3101	3106	3116	rBV	4011254	5104108	11.33%	2.321%
98	22.844	3322	3325	3330	rVB	224831	295274	0.66%	0.134%
99	23.850	3488	3496	3505	rBV2	5217582	10180909	22.61%	4.630%
100	24.009	3516	3523	3532	rVB2	2706271	5494702	12.20%	2.499%

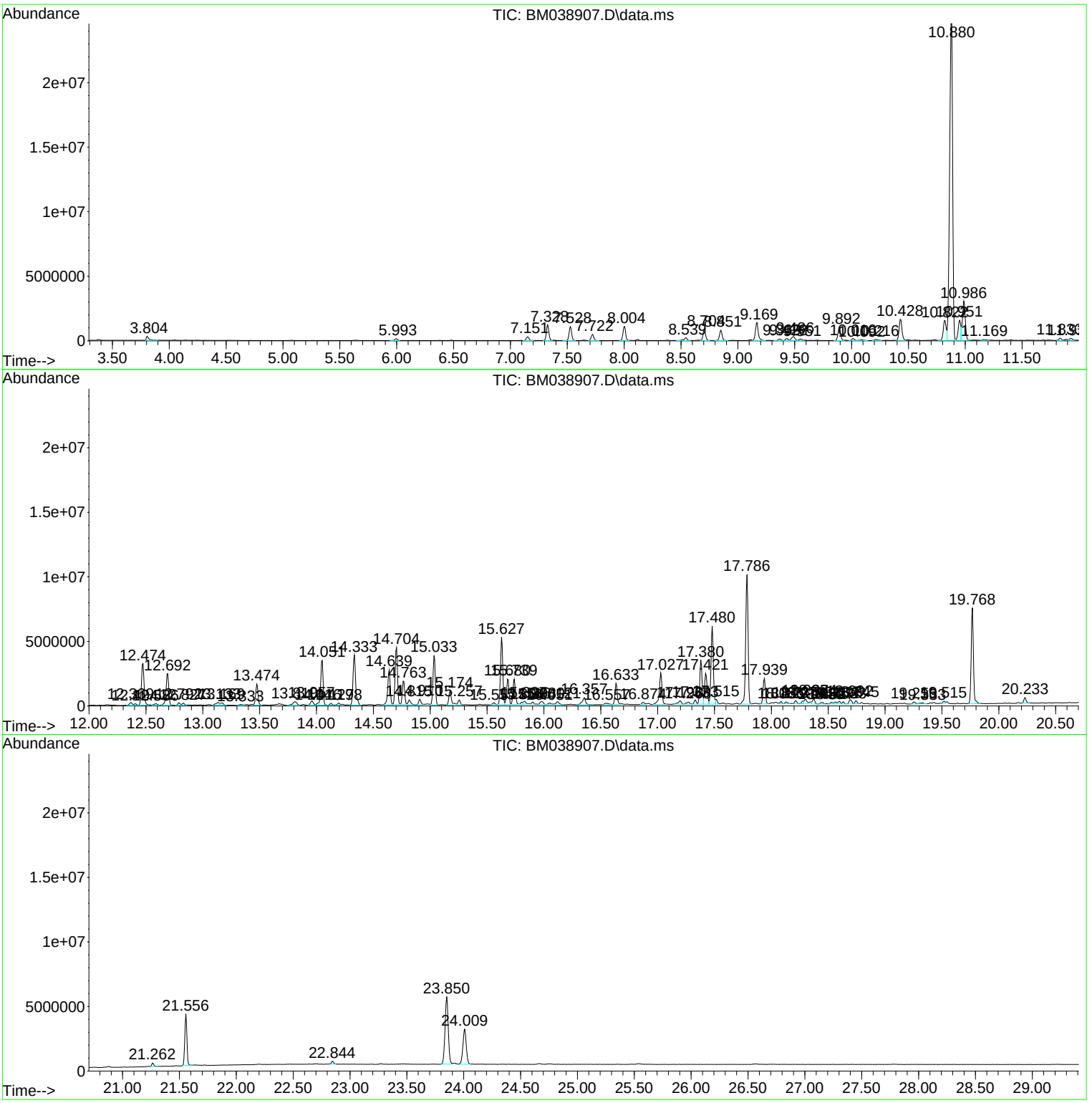
Sum of corrected areas: 219905183

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

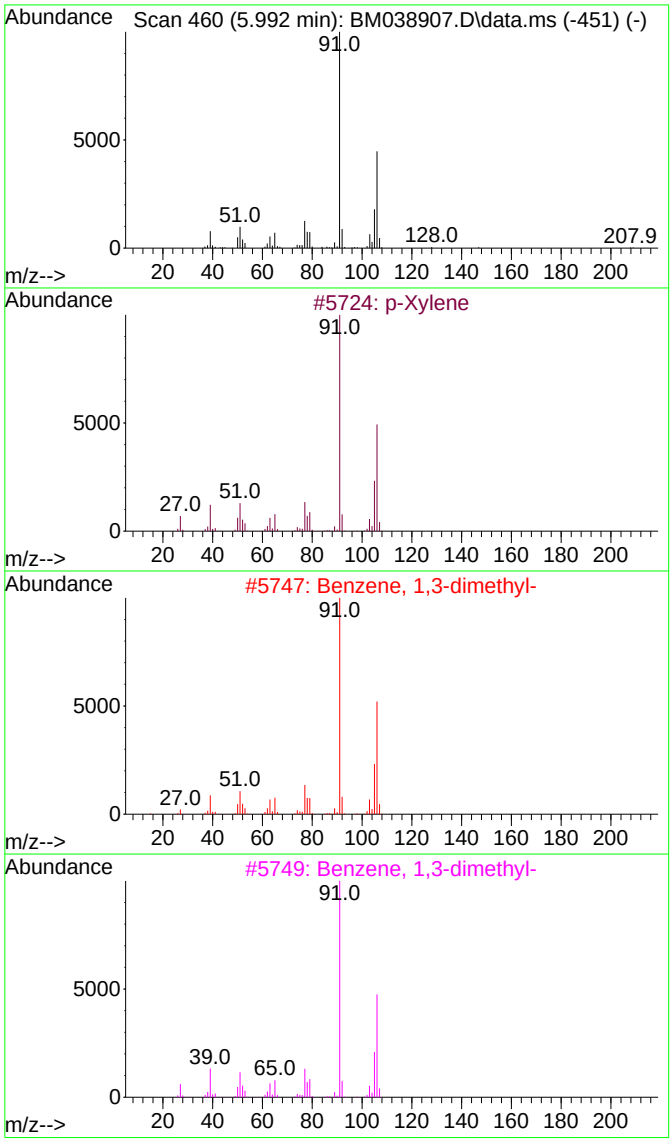
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

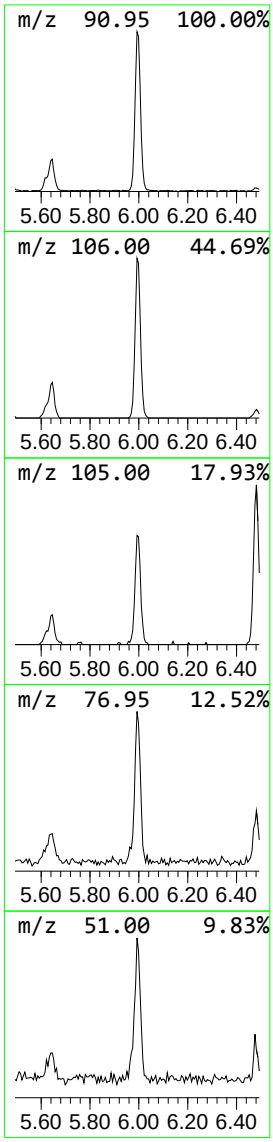
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 p-Xylene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.992	2.61 ng/ul	231847	1,4-Dichlorobenzene-d4	8.004

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

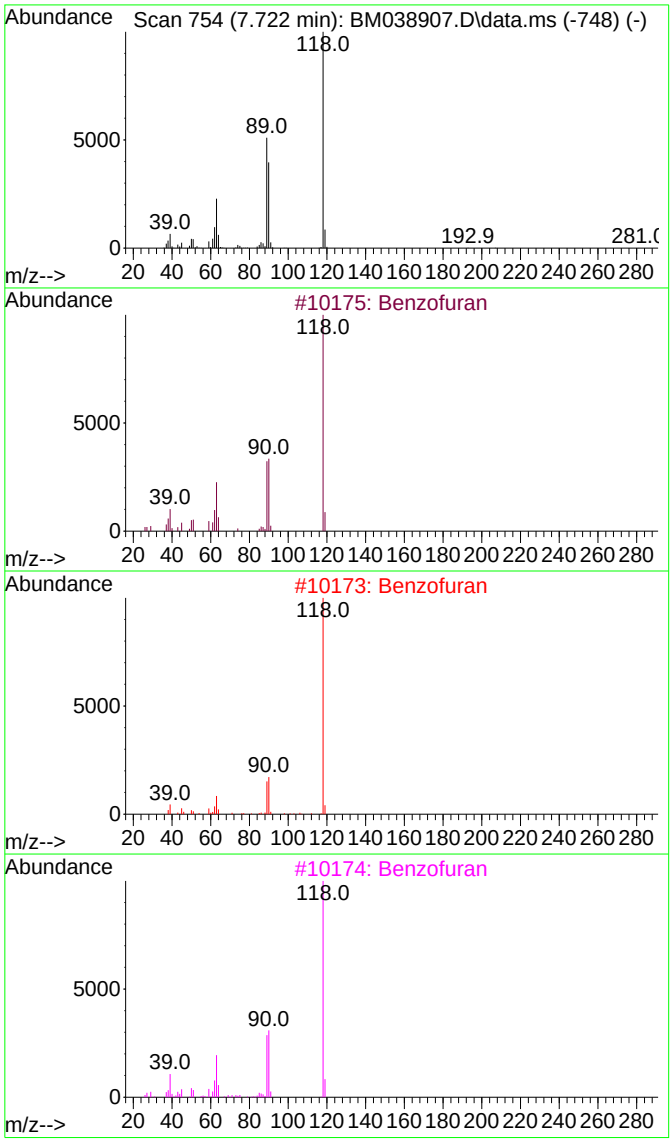
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

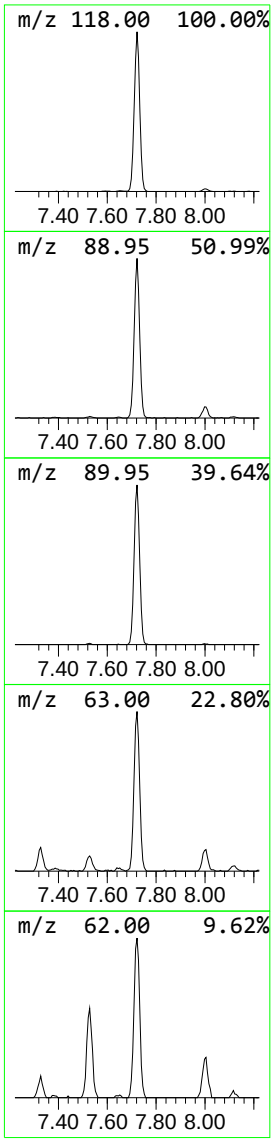
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	8.53 ng/ul	755930	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran	118	C8H6O	000271-89-6	93
2	Benzofuran	118	C8H6O	000271-89-6	91
3	Benzofuran	118	C8H6O	000271-89-6	90
4	Benzofuran	118	C8H6O	000271-89-6	87
5	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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

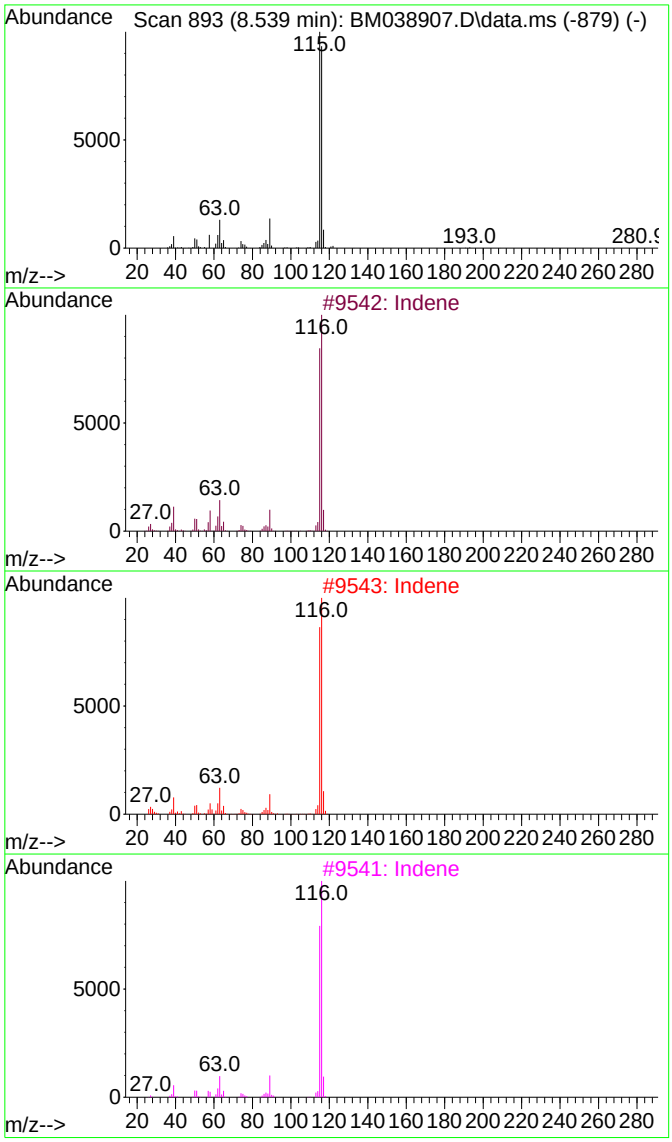
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

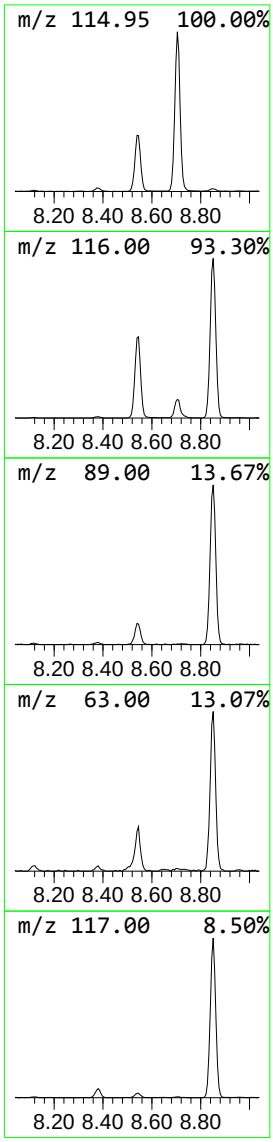
****

Peak Number 3 Indene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	4.71 ng/ul	417181	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	95
2	Indene	116	C9H8	000095-13-6	95
3	Indene	116	C9H8	000095-13-6	95
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
5	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

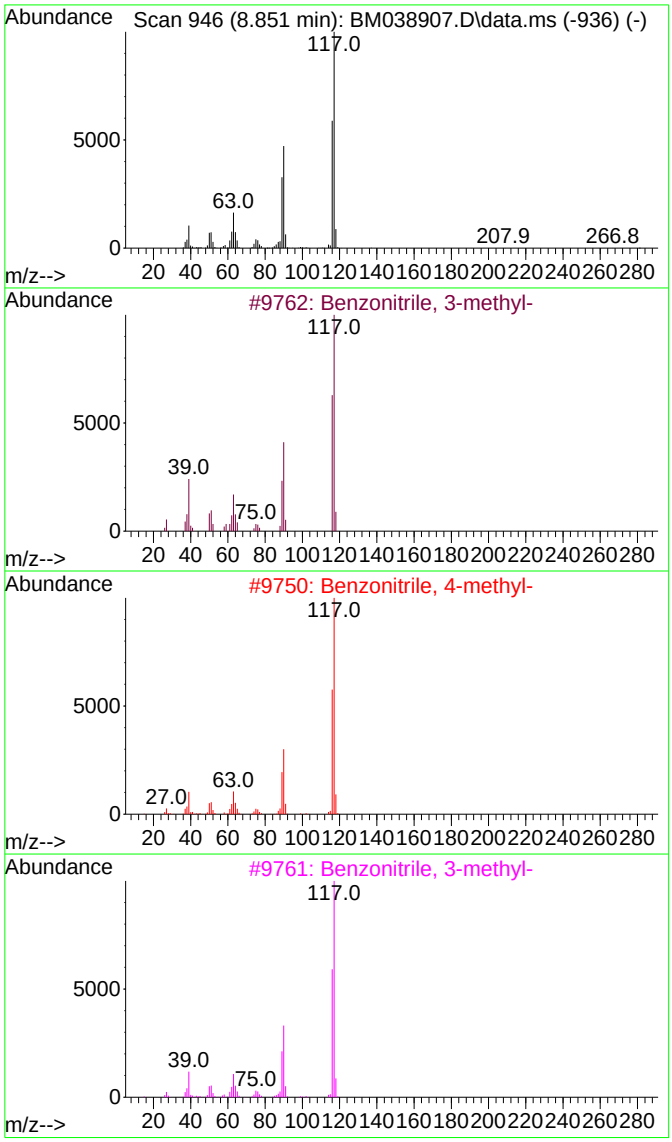
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

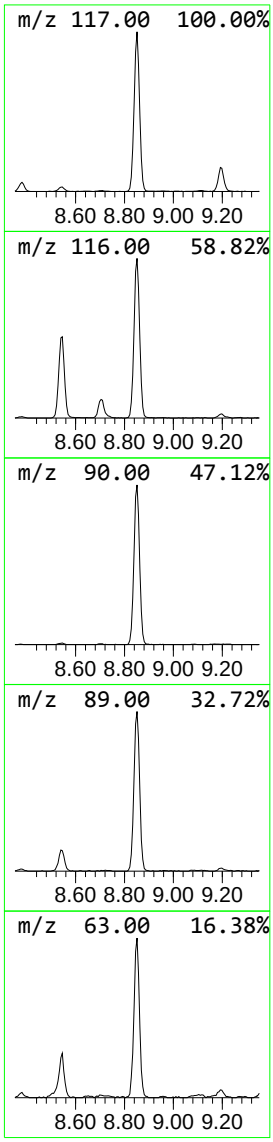
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	14.50 ng/ul	1285370	1,4-Dichlorobenzene-d4	8.004

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, 3-methyl-	117	C8H7N	000620-22-4	97
4	Benzonitrile, 4-methyl-	117	C8H7N	000104-85-8	97
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

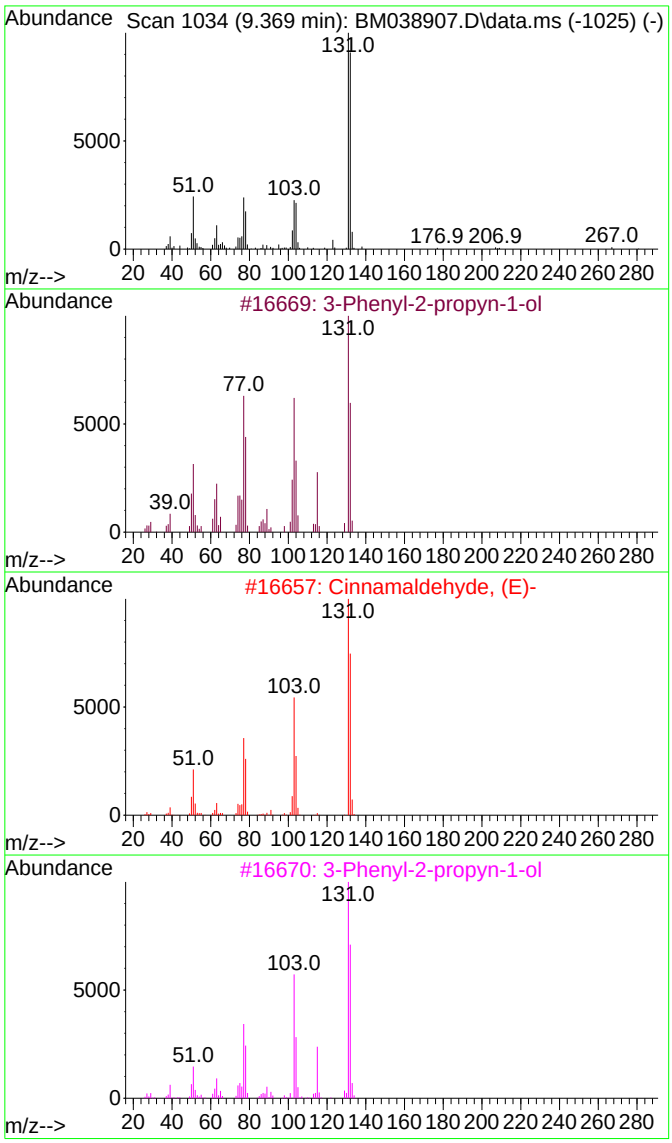
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

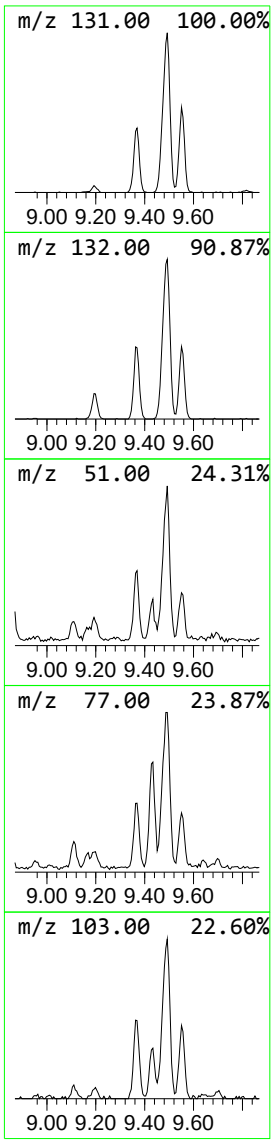
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-Phenyl-2-propyn-1-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	2.40 ng/ul	212889	1,4-Dichlorobenzene-d4	8.004

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
2	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
3	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

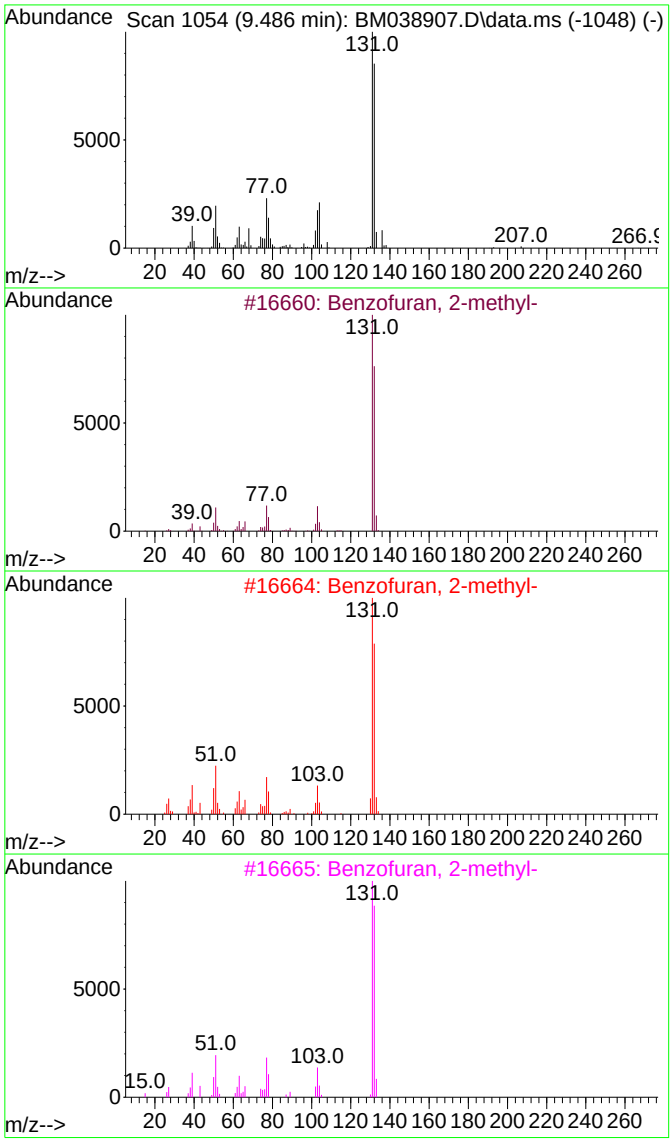
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

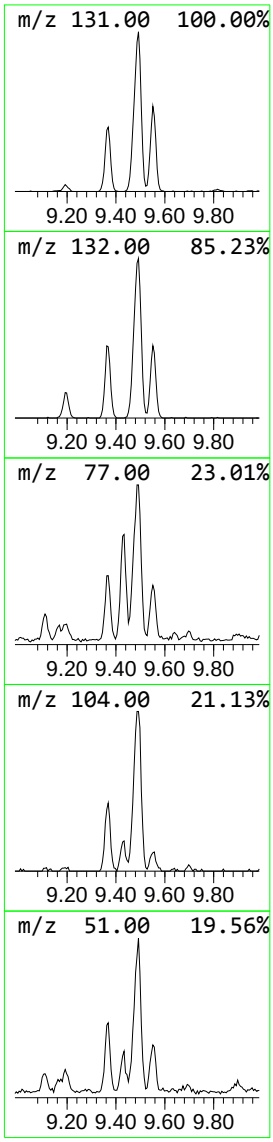
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	4.51 ng/ul	646916	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	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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

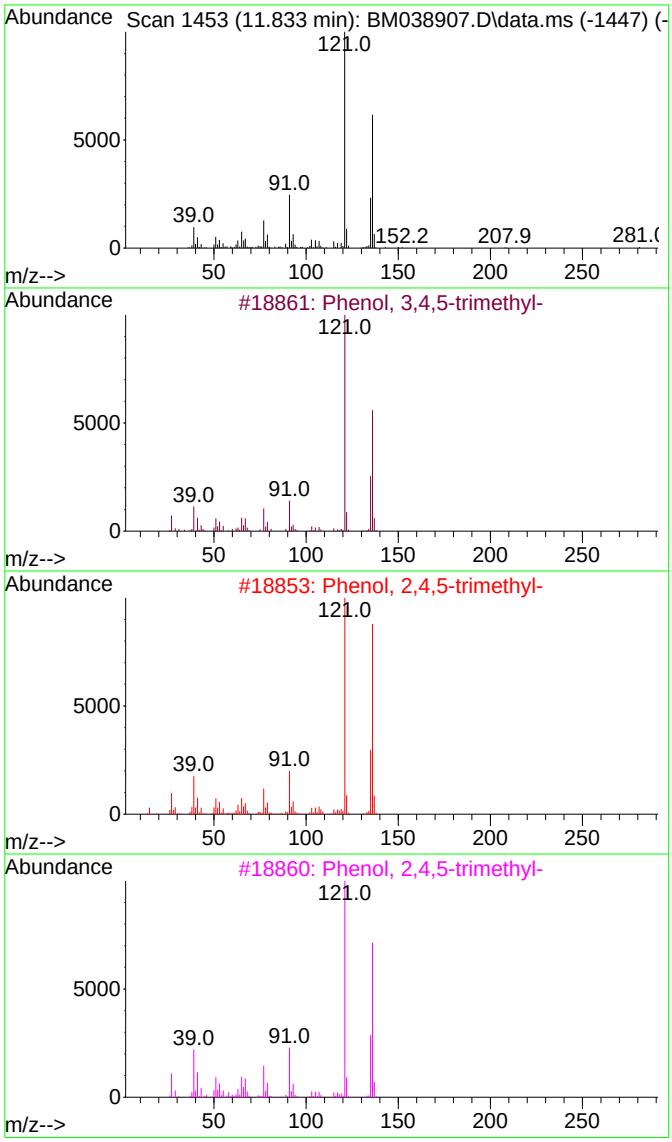
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

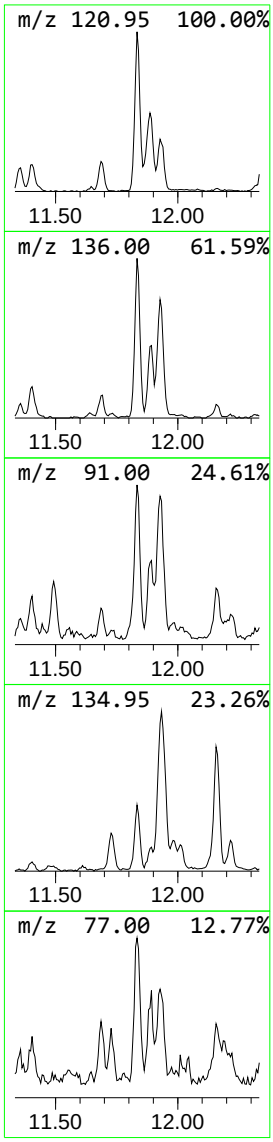
****

Peak Number 7 Phenol, 3,4,5-trimethyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.833	2.00 ng/ul	287180	Naphthalene-d8	10.822

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	91
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

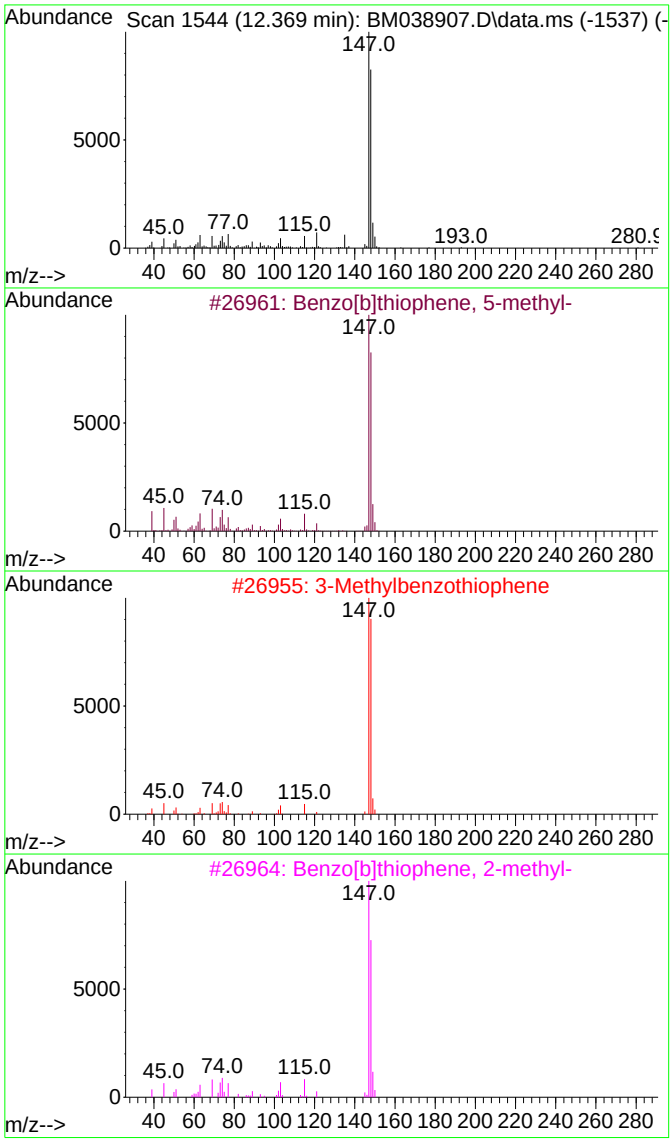
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

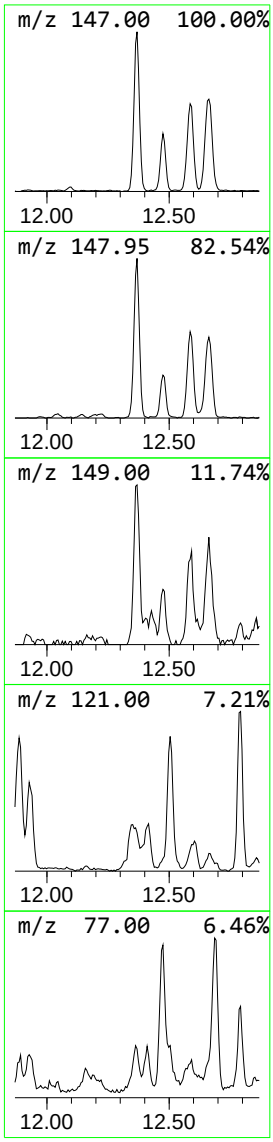
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[b]thiophene, 5-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	2.56 ng/ul	367455	Naphthalene-d8	10.822

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

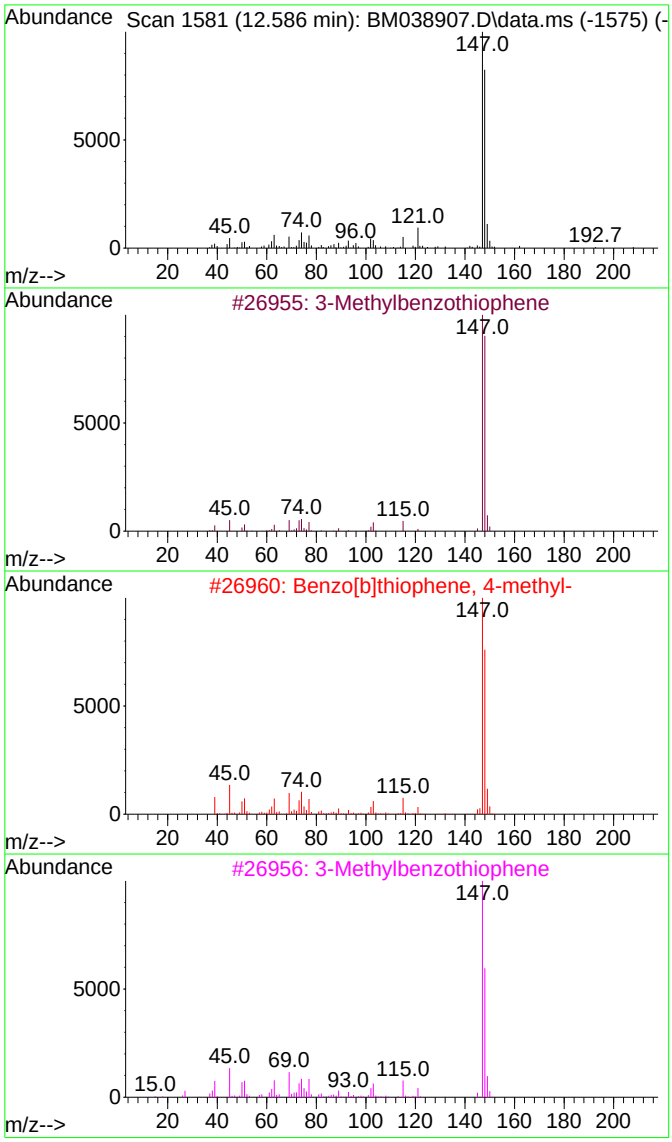
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

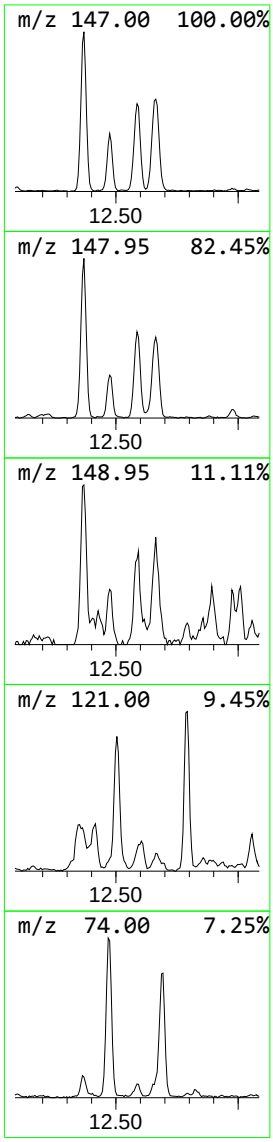
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 3-Methylbenzothiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.586	2.01 ng/ul	288053	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, 4-methyl-	148	C9H8S	014315-11-8	87
3	3-Methylbenzothiophene	148	C9H8S	001455-18-1	86
4	5-Methylthiophene-2,3-dicarbonit...	148	C7H4N2S	1000305-40-8	80
5	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

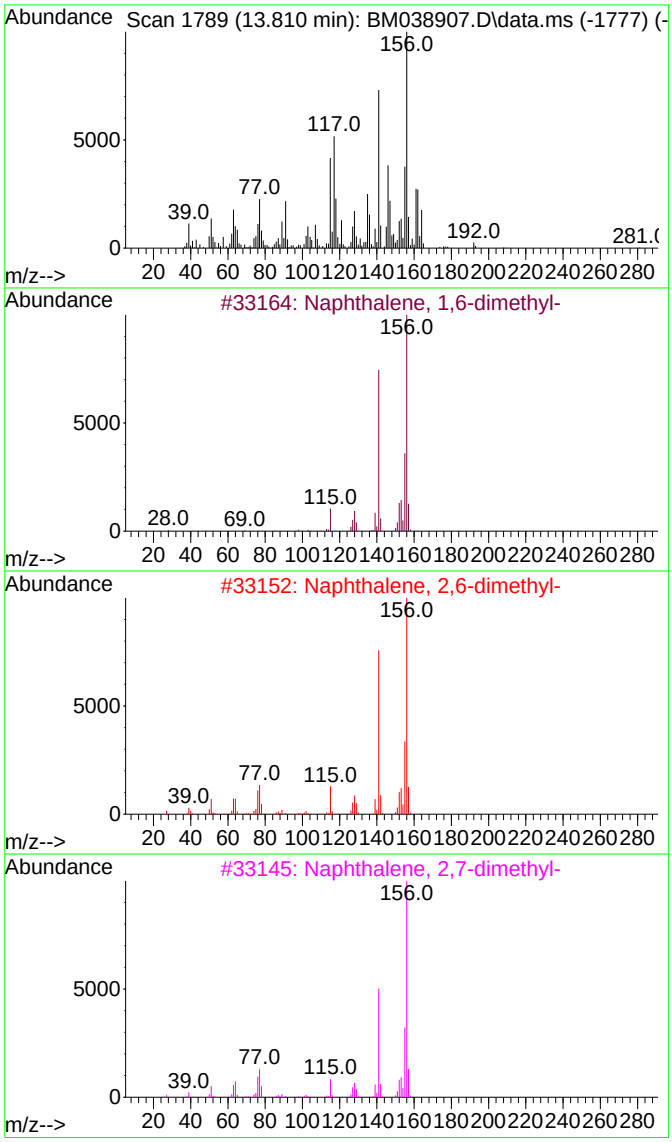
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

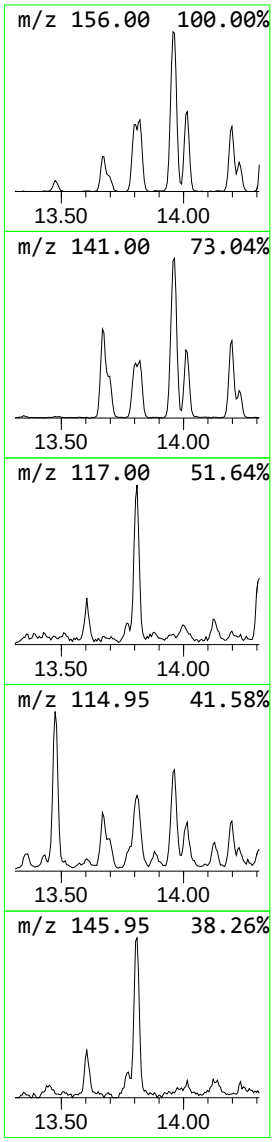
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 1,6-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	3.71 ng/ul	762714	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	93
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	93
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
5	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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

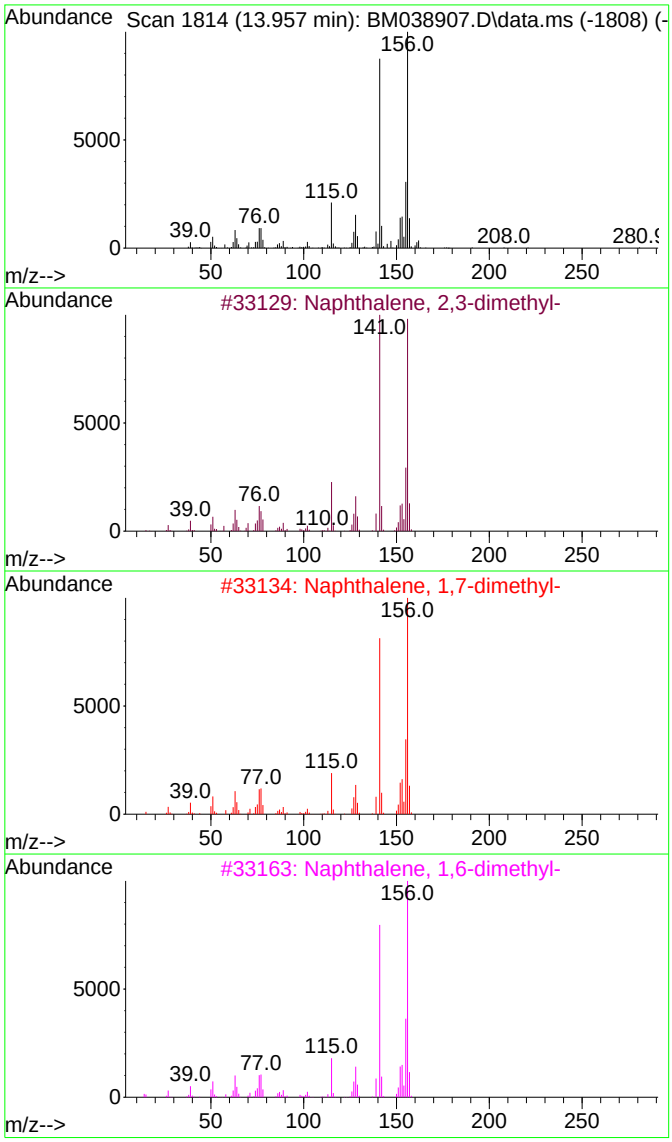
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

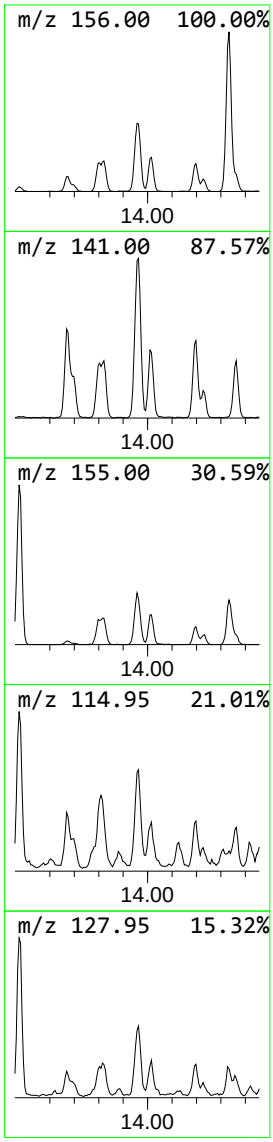
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	3.05 ng/ul	626244	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, 1,7-dimethyl-	156	C12H12	000575-37-1	98
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

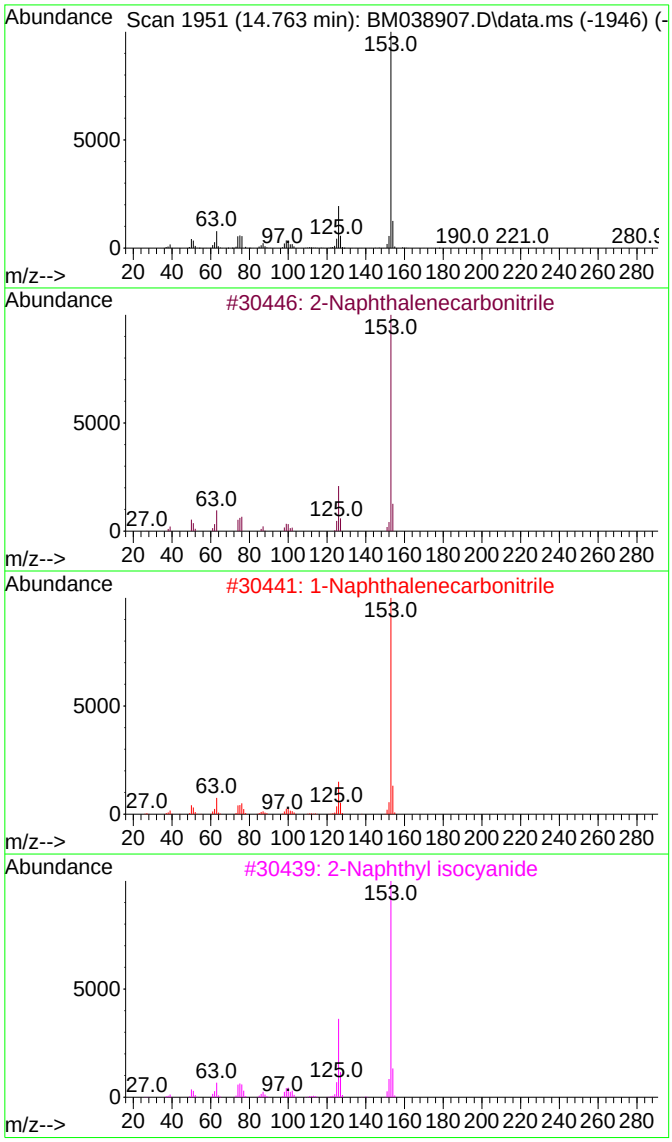
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

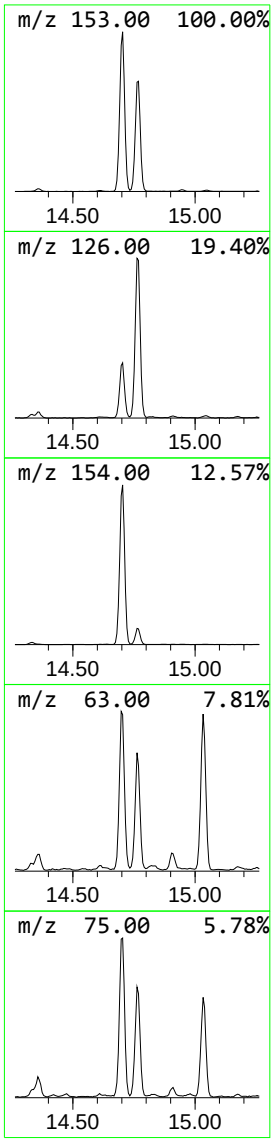
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 2-Naphthalenecarbonitrile Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.762	12.61 ng/ul	2589040	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	2-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	93
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

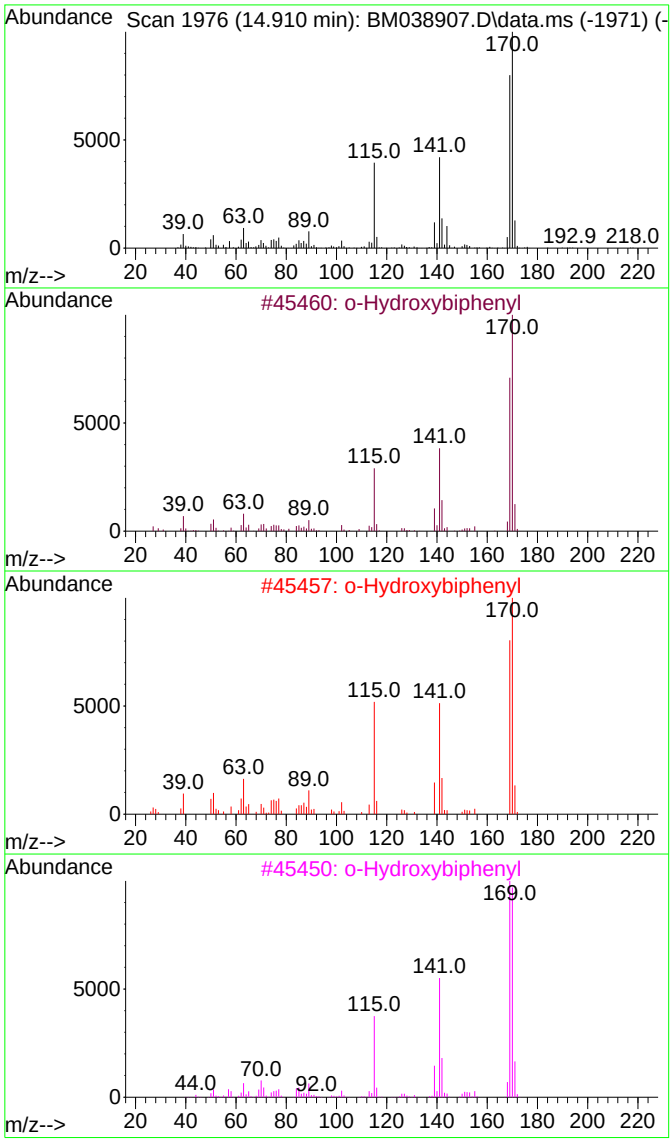
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

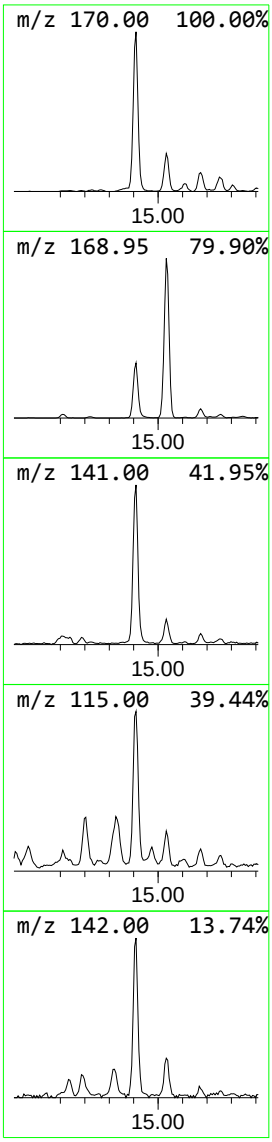
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 o-Hydroxybiphenyl Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.910	3.04 ng/ul	624238	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	97
2	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	96
3	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
4	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	94
5	o-Hydroxybiphenyl	170	C12H10O	000090-43-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

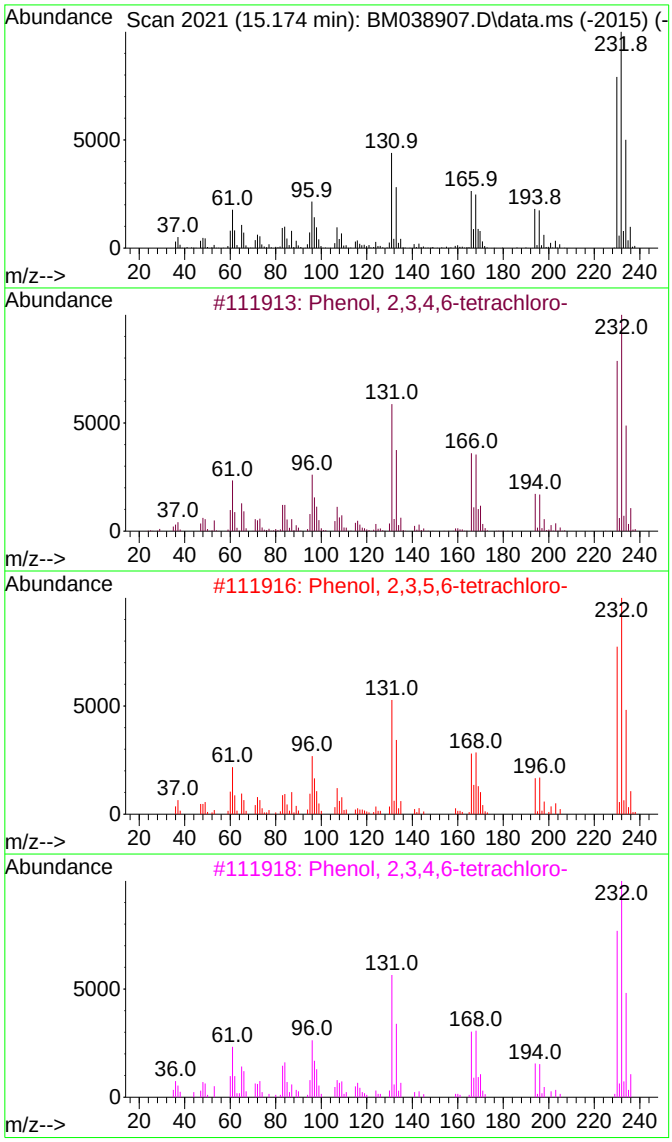
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

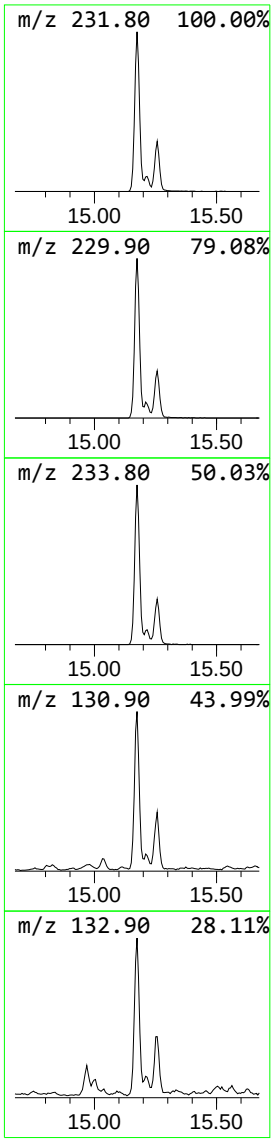
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	7.71 ng/ul	1582610	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
5	Phenol, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

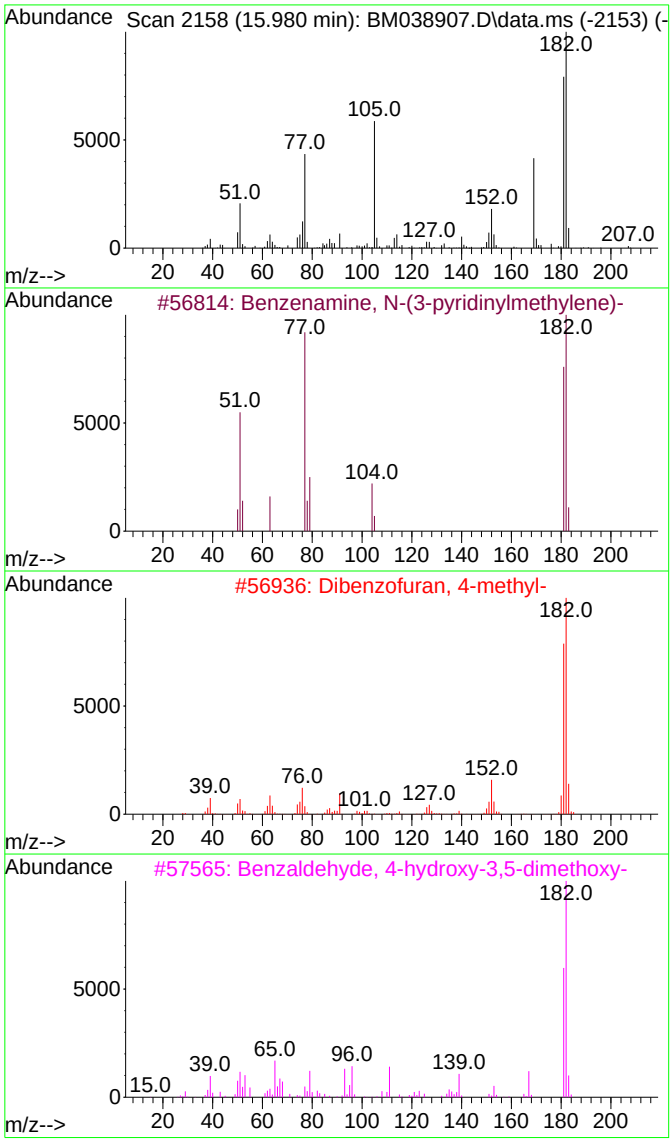
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

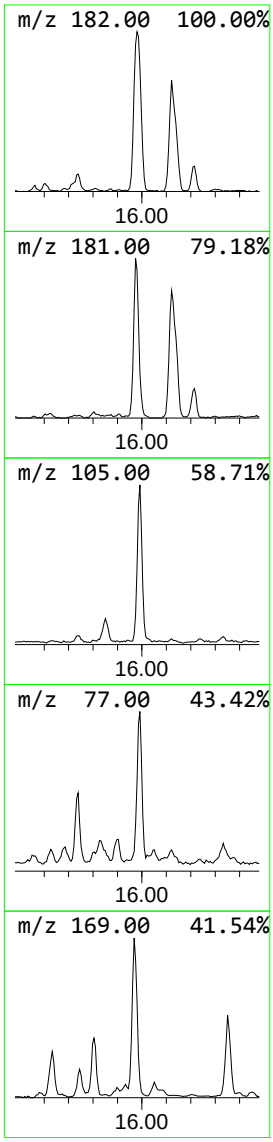
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzenamine, N-(3-pyridinyl... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.980	2.36 ng/ul	483750	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenamine, N-(3-pyridinylmethy...	182	C12H10N2	029722-97-2	59
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49
3	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	46
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	46
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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

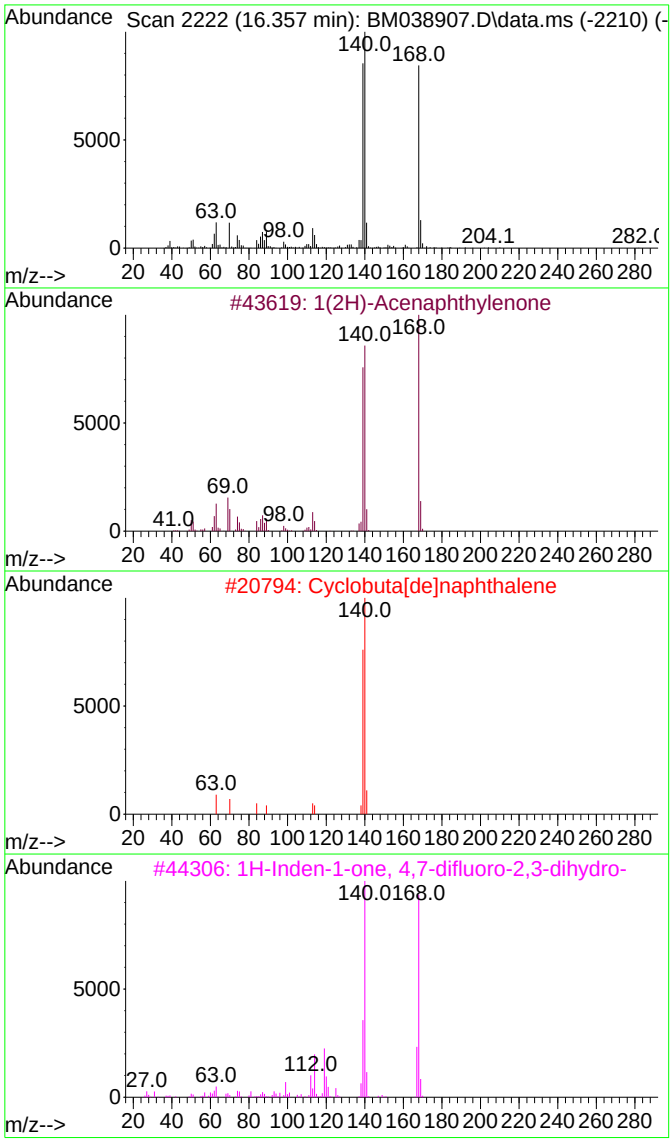
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

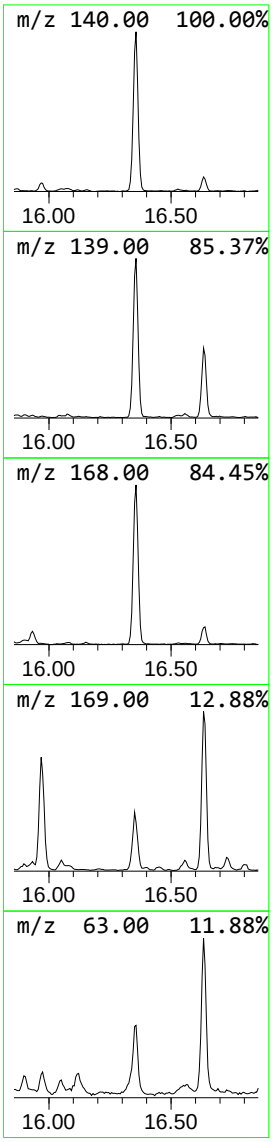
****

Peak Number 16 1(2H)-Acenaphthylenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.357	4.92 ng/ul	1179170	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	96
2	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	58
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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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

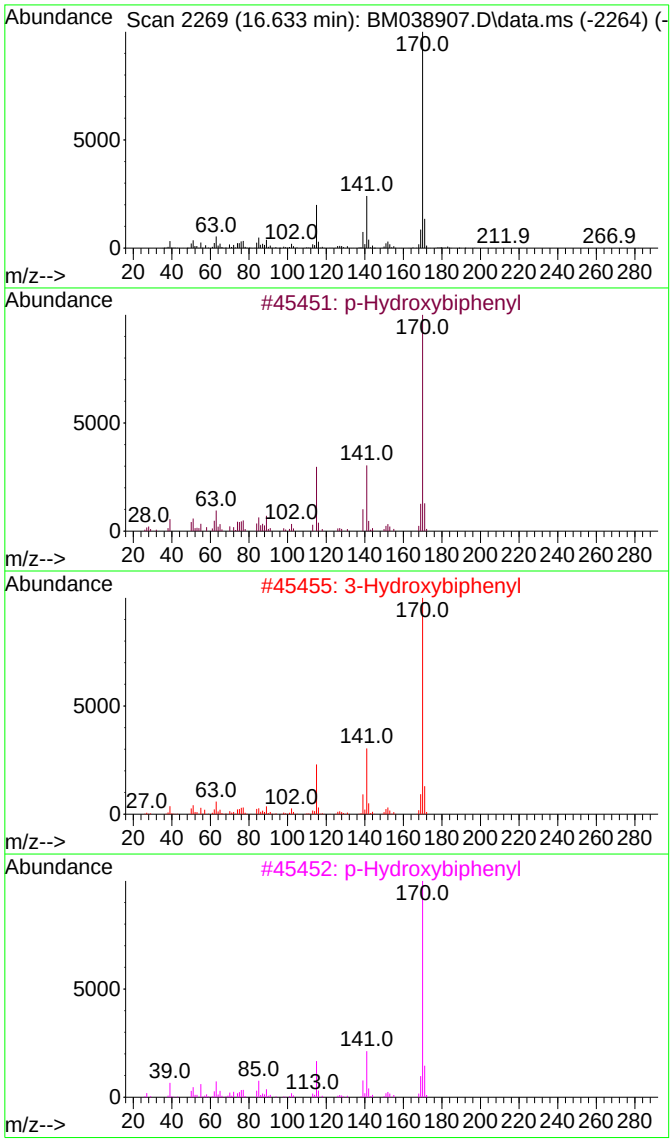
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

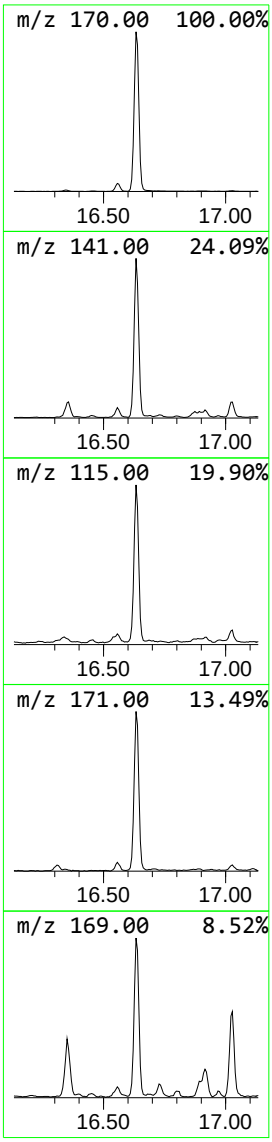
****

Peak Number 17 p-Hydroxybiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	9.41 ng/ul	2255550	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	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	95
4	3-Hydroxybiphenyl	170	C12H10O	000580-51-8	94
5	p-Hydroxybiphenyl	170	C12H10O	000092-69-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

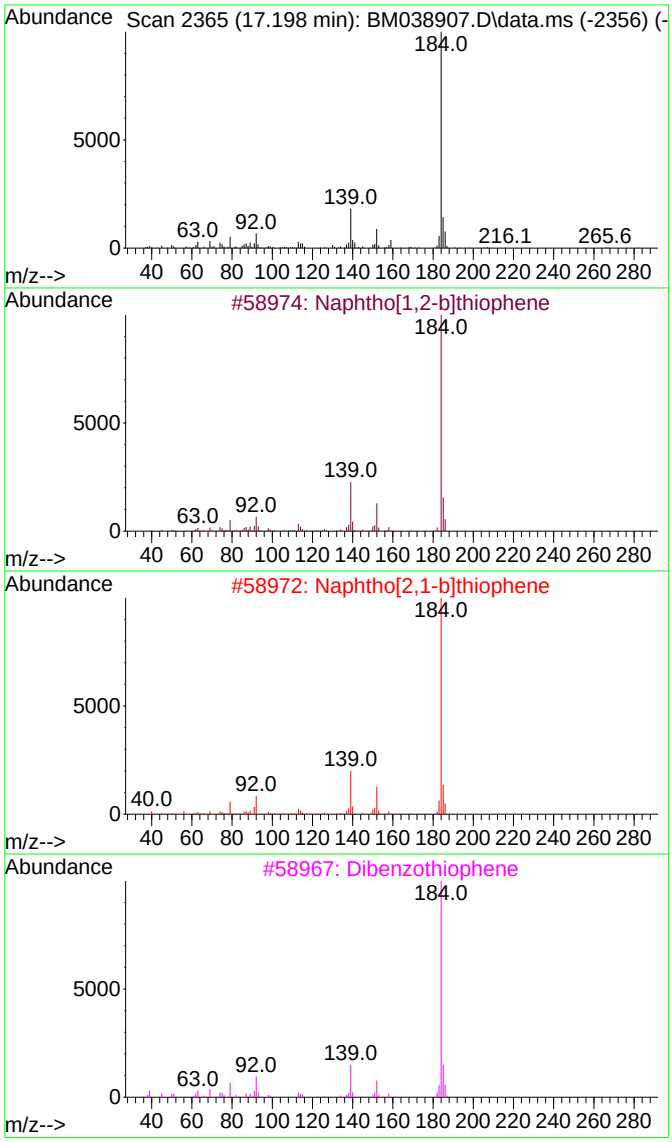
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

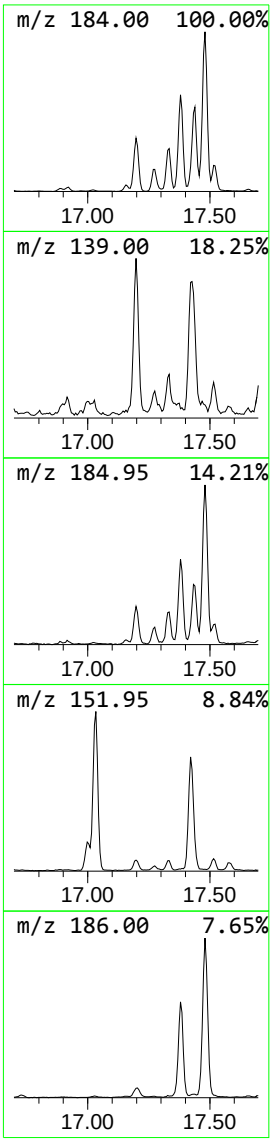
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Naphtho[1,2-b]thiophene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	2.15 ng/ul	514420	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	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	93
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

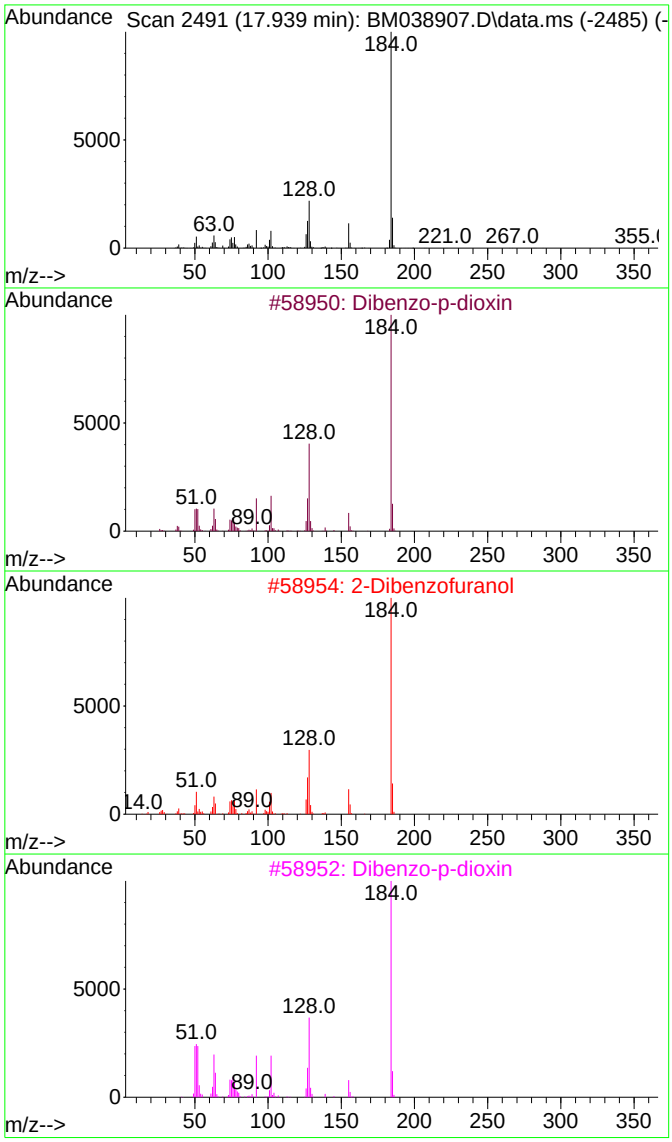
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

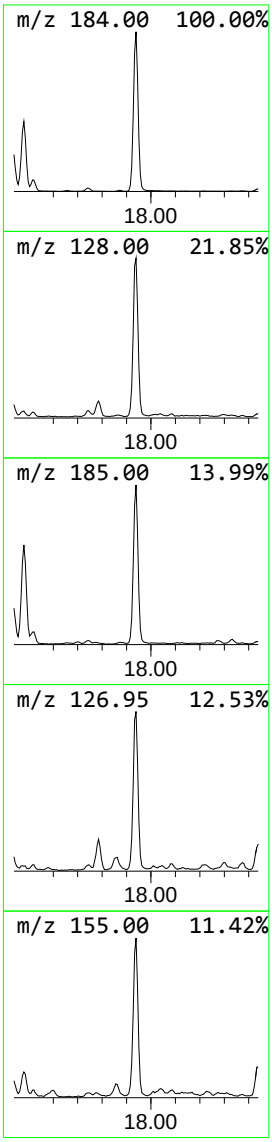
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Dibenzo-p-dioxin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	11.06 ng/ul	2651720	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	91
3	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	91
4	2-Dibenzofuranol	184	C12H8O2	000086-77-1	91
5	2-Dibenzofuranol	184	C12H8O2	000086-77-1	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

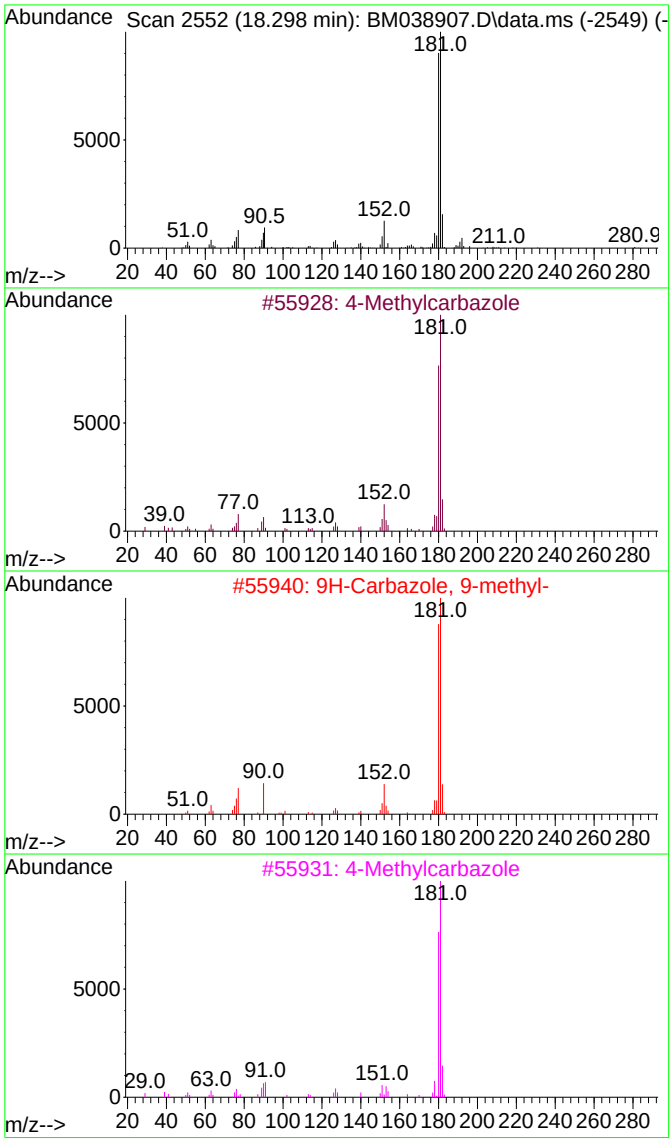
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

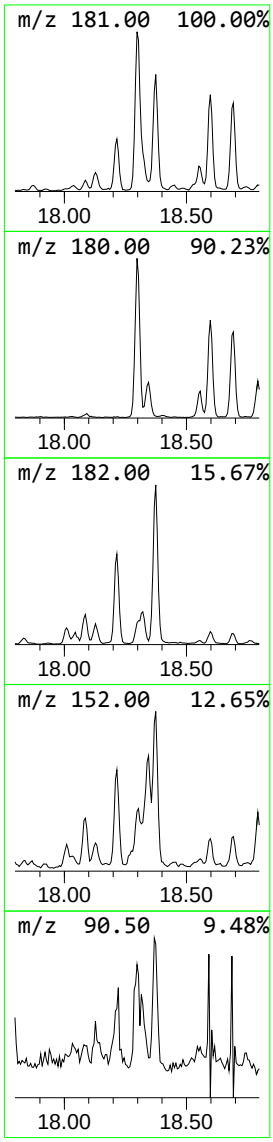
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4-Methylcarbazole Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	2.59 ng/ul	621210	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	97
2	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	94
3	4-Methylcarbazole	181	C13H11N	003770-48-7	93
4	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	93
5	3-Methylcarbazole	181	C13H11N	004630-20-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

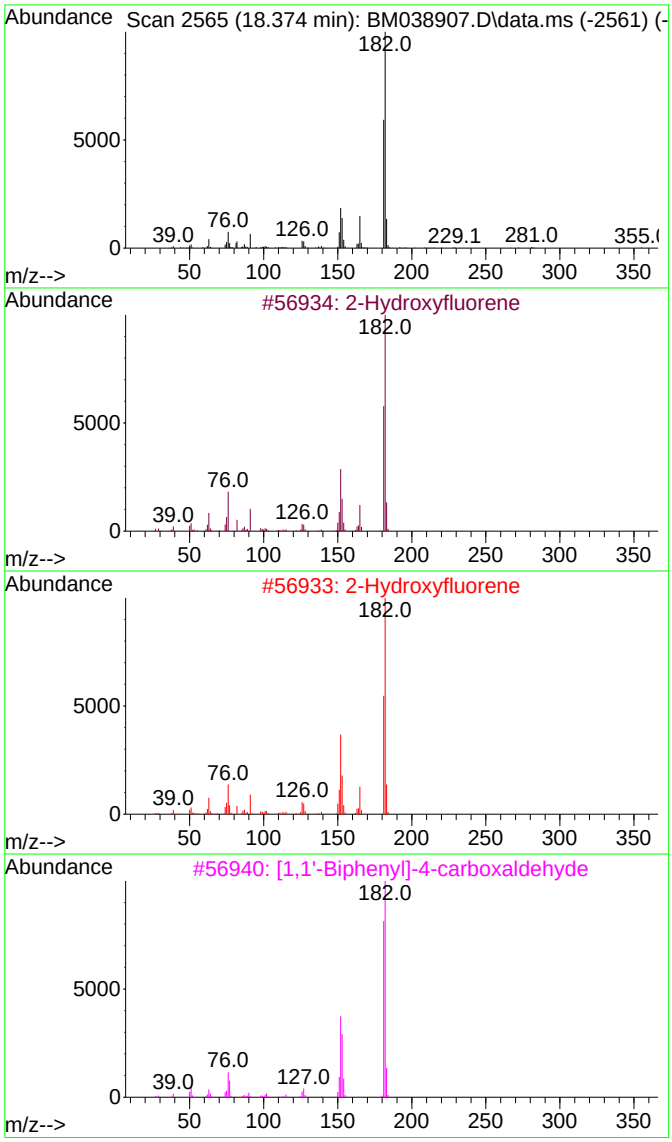
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

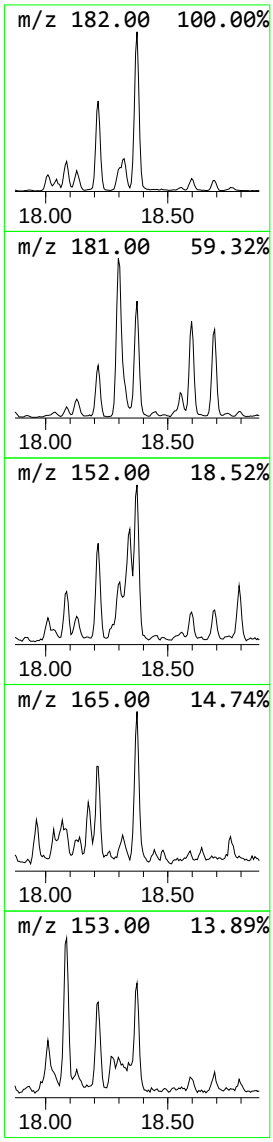
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 2-Hydroxyfluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	2.45 ng/ul	586838	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	96
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	95
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

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

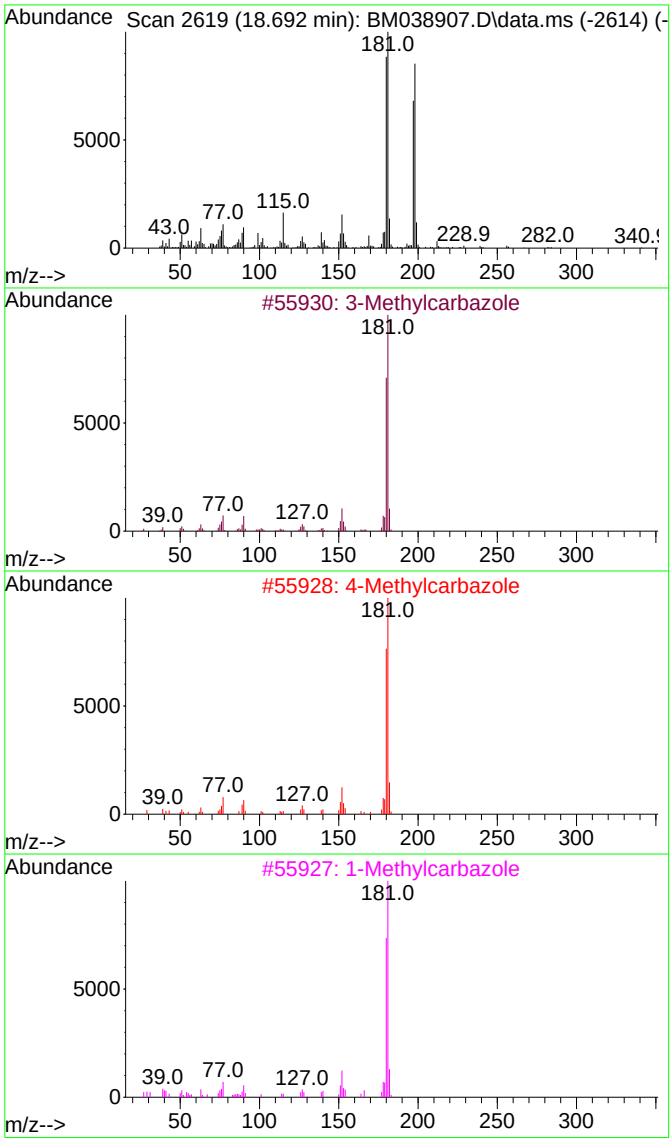
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

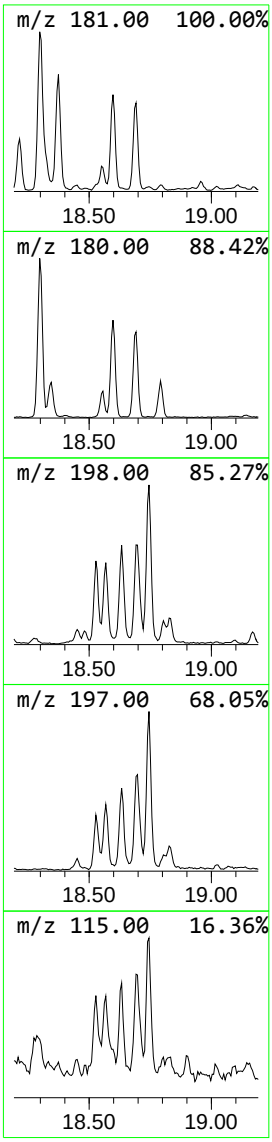
****

Peak Number 22 3-Methylcarbazole Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	2.34 ng/ul	561421	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	95
2	4-Methylcarbazole	181	C13H11N	003770-48-7	95
3	1-Methylcarbazole	181	C13H11N	006510-65-2	91
4	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	91
5	3-Methylcarbazole	181	C13H11N	004630-20-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAC7

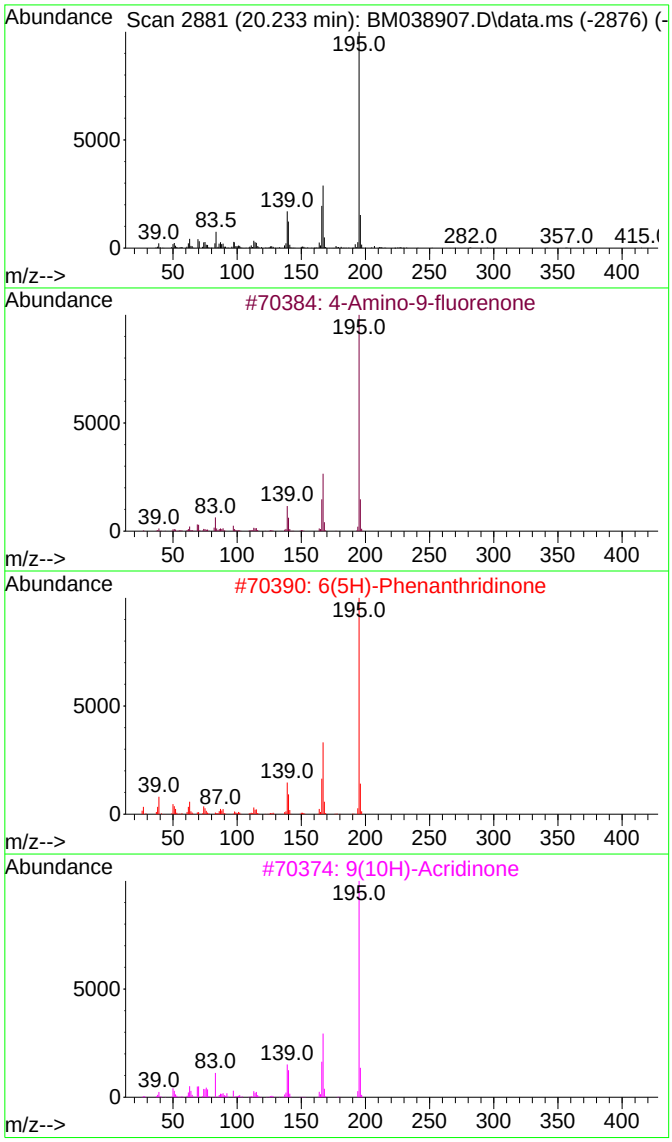
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

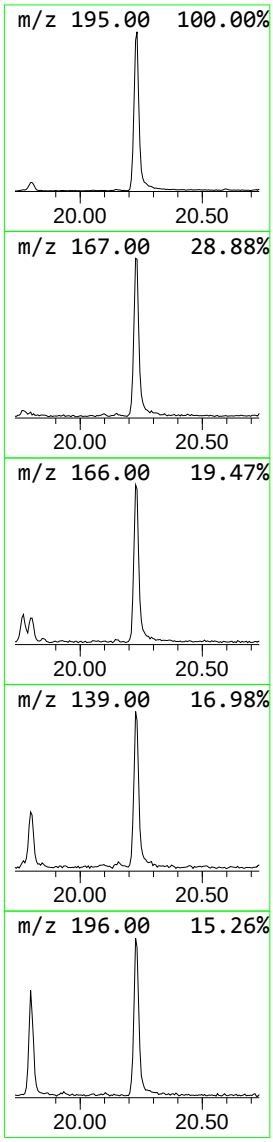
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 4-Amino-9-fluorenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	2.47 ng/ul	630936	Chrysene-d12	21.556

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	97
2	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	96
3	9(10H)-Acridinone	195	C13H9NO	000578-95-0	96
4	6(5H)-Phenanthridinone	195	C13H9NO	001015-89-0	95
5	9-Acridinol	195	C13H9NO	000643-62-9	95





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038907.D
Acq On : 07 Mar 2023 22:15
Operator : CG/JU
Sample : 01746-03
Misc :
ALS Vial : 19 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
p-Xylene	5.992	2.6	ng/ul	231847	1	8.004	1773350	20.0
Benzofuran	7.722	8.5	ng/ul	755930	1	8.004	1773350	20.0
Indene	8.539	4.7	ng/ul	417181	1	8.004	1773350	20.0
Benzonitrile, 3...	8.851	14.5	ng/ul	1285370	1	8.004	1773350	20.0
3-Phenyl-2-prop...	9.369	2.4	ng/ul	212889	1	8.004	1773350	20.0
Benzofuran, 2-m...	9.486	4.5	ng/ul	646916	2	10.822	2868260	20.0
Phenol, 3,4,5-t...	11.833	2.0	ng/ul	287180	2	10.822	2868260	20.0
Benzo[b]thiophe...	12.369	2.6	ng/ul	367455	2	10.822	2868260	20.0
3-Methylbenzoth...	12.586	2.0	ng/ul	288053	2	10.822	2868260	20.0
Naphthalene, 1,...	13.810	3.7	ng/ul	762714	3	14.639	4107620	20.0
Naphthalene, 2,...	13.957	3.0	ng/ul	626244	3	14.639	4107620	20.0
2-Naphthaleneca...	14.762	12.6	ng/ul	2589040	3	14.639	4107620	20.0
o-Hydroxybiphenyl	14.910	3.0	ng/ul	624238	3	14.639	4107620	20.0
Phenol, 2,3,5,6...	15.174	7.7	ng/ul	1582610	3	14.639	4107620	20.0
Benzenamine, N-...	15.980	2.4	ng/ul	483750	3	14.639	4107620	20.0
1(2H)-Acenaphth...	16.357	4.9	ng/ul	1179170	4	17.380	4796360	20.0
p-Hydroxybiphenyl	16.633	9.4	ng/ul	2255550	4	17.380	4796360	20.0
Naphtho[1,2-b]t...	17.198	2.1	ng/ul	514420	4	17.380	4796360	20.0
Dibenzo-p-dioxin	17.939	11.1	ng/ul	2651720	4	17.380	4796360	20.0
4-Methylcarbazole	18.298	2.6	ng/ul	621210	4	17.380	4796360	20.0
2-Hydroxyfluorene	18.374	2.5	ng/ul	586838	4	17.380	4796360	20.0
3-Methylcarbazole	18.692	2.3	ng/ul	561421	4	17.380	4796360	20.0
4-Amino-9-fluor...	20.233	2.5	ng/ul	630936	5	21.556	5104110	20.0