LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038911.D
Acq On : 08 Mar 2023 00:43
Operator : CG/JU
Sample : 01746-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE2

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: BM038911.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	86	88	104	rBV	254352	444365	1.32%	0.217%
2	5.992	449	460	467	rBV	120163	205446	0.61%	0.100%
3	7.151	650	657	665	rBV	234813	376993	1.12%	0.184%
4	7.328	680	687	694	rBV	1062966	1645934	4.90%	0.804%
5	7.528	713	721	728	rBV	932878	1448062	4.31%	0.707%
6	7.722	746	754	762	rVB	481203	763853	2.27%	0.373%
7	7.998	793	801	809	rBV	1093612	1739908	5.18%	0.850%
8	8.539	879	893	901	rBV	246739	416934	1.24%	0.204%
9	8.704	915	921	930	rVB	756729	1156275	3.44%	0.565%
10	8.851	938	946	956	rVB	878421	1387016	4.13%	0.678%
11	9.163	993	999	1011	rVV	1208406	2117566	6.30%	1.034%
12	9.369	1025	1034	1039	rVV	119634	205709	0.61%	0.100%
13	9.428	1039	1044	1048	rVV	236270	371573	1.11%	0.182%
14	9.486	1048	1054	1060	rVV	271947	593009	1.76%	0.290%
15	9.551	1060	1065	1069	rVV	111087	184466	0.55%	0.090%
16	9.892	1114	1123	1130	rBV	932386	1493154	4.44%	0.729%
17	10.010	1138	1143	1148	rBV	110738	178542	0.53%	0.087%
18	10.216	1172	1178	1188	rBV5	78175	173127	0.51%	0.085%
19	10.428	1207	1214	1222	rVV	1487964	2586432	7.69%	1.264%
20	10.816	1271	1280	1284	rBV	1515141	2800972	8.33%	1.368%
21	10.875	1284	1290	1297	rVV	19842957	33619264	100.00%	16.424%
22	10.951	1297	1303	1305	rVV	1380983	2302512	6.85%	1.125%
23	10.986	1305	1309	1319	rVB	2887938	4811404	14.31%	2.350%
24	11.833	1446	1453	1458	rVV3	124046	243919	0.73%	0.119%
25	11.886	1458	1462	1465	rVV	93044	178756	0.53%	0.087%
26	11.927	1465	1469	1476	rVV	228397	447668	1.33%	0.219%
27	12.369	1537	1544	1547	rVV	225675	391855	1.17%	0.191%
28	12.404	1547	1550	1555	rVV3	128024	217706	0.65%	0.106%
29	12.469	1555	1561	1574	rVV	2286219	3699234	11.00%	1.807%
30	12.586	1574	1581	1589	rVV3	103707	276553	0.82%	0.135%
31	12.686	1589	1598	1606	rVB	2068992	3454860	10.28%	1.688%
32	12.792	1611	1616	1619	rBV	209156	299774	0.89%	0.146%
33	12.827	1619	1622	1628	rVB	142500	202954	0.60%	0.099%
34	13.133	1665	1674	1677	rVV3	225343	561488	1.67%	0.274%
35	13.169	1677	1680	1687	rVV	210326	357070	1.06%	0.174%
36	13.333	1701	1708	1713	rBV2	71531	151432	0.45%	0.074%

LSC Area Percent Report

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Acq On : 08 Mar 2023 00:43
Operator : CG/JU
Sample : 01746-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DCAE2

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	13.474	1727	1732	1741	rVB	1551654	2221035	6.61%	1.085%
38	13.810	1778	1789	1797	rBV4	234162	629746	1.87%	0.308%
39	13.957	1808	1814	1820	rVV	269361	512294	1.52%	0.250%
40	14.045	1820	1829	1836	rVV	3325073	4770525	14.19%	2.330%
41	14.127	1839	1843	1847	rVV	133374	179976	0.54%	0.088%
42	14.192	1849	1854	1858	rVV	120138	201985	0.60%	0.099%
43	14.333	1870	1878	1888	rVB	3448382	5665474	16.85%	2.768%
44	14.539	1908	1913	1918	rBV2	76054	141753	0.42%	0.069%
45	14.639	1918	1930	1935	rBV	2574244	3989753	11.87%	1.949%
46	14.698	1935	1940	1946	rVV	4087949	6020675	17.91%	2.941%
47	14.763	1946	1951	1956	rVV	1997840	2754287	8.19%	1.346%
48	14.815	1956	1960	1971	rVB	297725	443834	1.32%	0.217%
49	14.910	1971	1976	1980	rBV	258763	373063	1.11%	0.182%
50	15.033	1991	1997	2004	rVB	3815542	5271461	15.68%	2.575%
51	15.174	2015	2021	2026	rBV	1097850	1655303	4.92%	0.809%
52	15.257	2031	2035	2040	rVB	391097	555875	1.65%	0.272%
53	15.627	2092	2098	2103	rBV	4895105	6782013	20.17%	3.313%
54	15.680	2103	2107	2112	rVV	1486745	2134810	6.35%	1.043%
55	15.739	2112	2117	2124	rVV2	1903986	2853567	8.49%	1.394%
56	15.827	2124	2132	2141	rVV2	331223	787079	2.34%	0.385%
57	15.898	2141	2144	2148	rVB2	158750	208773	0.62%	0.102%
58	15.986	2153	2159	2163	rVV4	284874	583225	1.73%	0.285%
59	16.051	2163	2170	2174	rVV3	147390	270685	0.81%	0.132%
60	16.115	2178	2181	2190	rVB2	255395	491363	1.46%	0.240%
61	16.351	2209	2221	2230	rBV2	344231	885036	2.63%	0.432%
62	16.545	2248	2254	2263	rBV6	95949	304255	0.91%	0.149%
63	16.633	2263	2269	2276	rBV	1817943	2491410	7.41%	1.217%
64	16.874	2305	2310	2314	rBV2	176529	310002	0.92%	0.151%
65	17.027	2324	2336	2347	rVV2	2789869	4373275	13.01%	2.136%
66	17.198	2355	2365	2370	rBV2	279691	552069	1.64%	0.270%
67	17.268	2370	2377	2383	rVV2	219210	477870	1.42%	0.233%
68	17.327	2383	2387	2391	rVV	354154	459708	1.37%	0.225%
69	17.380	2391	2396	2400	rVV	3334743	4731894	14.07%	2.312%
70	17.421	2400	2403	2408	rVV2	2589829	3928664	11.69%	1.919%
71	17.480	2408	2413	2417	rVV	5595278	8013994	23.84%	3.915%
72	17.515	2417	2419	2423	rVV2	409874	458169	1.36%	0.224%
73	17.574	2426	2429	2433	rVB3	108109	147869	0.44%	0.072%
74	17.786	2459	2465	2471	rVB	11043717	15075791	44.84%	7.365%
75	17.939	2485	2491	2497	rBV	2085651	2952501	8.78%	1.442%
76	18.045	2506	2509	2512	rVB2	119632	158631	0.47%	0.077%

LSC Area Percent Report

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Operator : CG/JU
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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
DCAE2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

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Peak separation: 5

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

77	18.086	2512	2516	2519	rVB	176145	217774	0.65%	0.106%
78	18.133	2519	2524	2529	rBV4	128225	230761	0.69%	0.113%
79	18.215	2534	2538	2543	rVB	201791	264941	0.79%	0.129%
80	18.274	2544	2548	2550	rBV2	411670	538432	1.60%	0.263%
81	18.298	2550	2552	2557	rVV	428629	595977	1.77%	0.291%
82	18.374	2561	2565	2572	rVB	370658	545470	1.62%	0.266%
83	18.439	2572	2576	2582	rBV3	158615	320108	0.95%	0.156%
84	18.527	2587	2591	2594	rBV	152284	234540	0.70%	0.115%
85	18.562	2595	2597	2600	rVV2	138344	189052	0.56%	0.092%
86	18.598	2600	2603	2606	rVV2	199583	277102	0.82%	0.135%
87	18.633	2606	2609	2613	rVB	183850	227428	0.68%	0.111%
88	18.692	2614	2619	2624	rBV3	358053	612101	1.82%	0.299%
89	18.745	2624	2628	2633	rVV	271771	364561	1.08%	0.178%
90	19.168	2696	2700	2705	rVB	186682	263223	0.78%	0.129%
91	19.256	2710	2715	2720	rBV2	175399	298830	0.89%	0.146%
92	19.427	2741	2744	2755	rVB	128050	190808	0.57%	0.093%
93	19.521	2755	2760	2762	rBV3	240338	380465	1.13%	0.186%
94	19.768	2796	2802	2819	rBV	7353176	9928658	29.53%	4.850%
95	20.233	2876	2881	2887	rBV	621521	895753	2.66%	0.438%
96	21.262	3053	3056	3061	rBV	413533	454574	1.35%	0.222%
97	21.556	3101	3106	3113	rBV	4007500	5080533	15.11%	2.482%
98	22.844	3322	3325	3331	rVB	270101	353673	1.05%	0.173%
99	23.850	3488	3496	3504	rBV2	5066984	10189438	30.31%	4.978%
100	24.003	3515	3522	3534	rVB2	2828247	5721109	17.02%	2.795%

Sum of corrected areas: 204700788

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Instrument :
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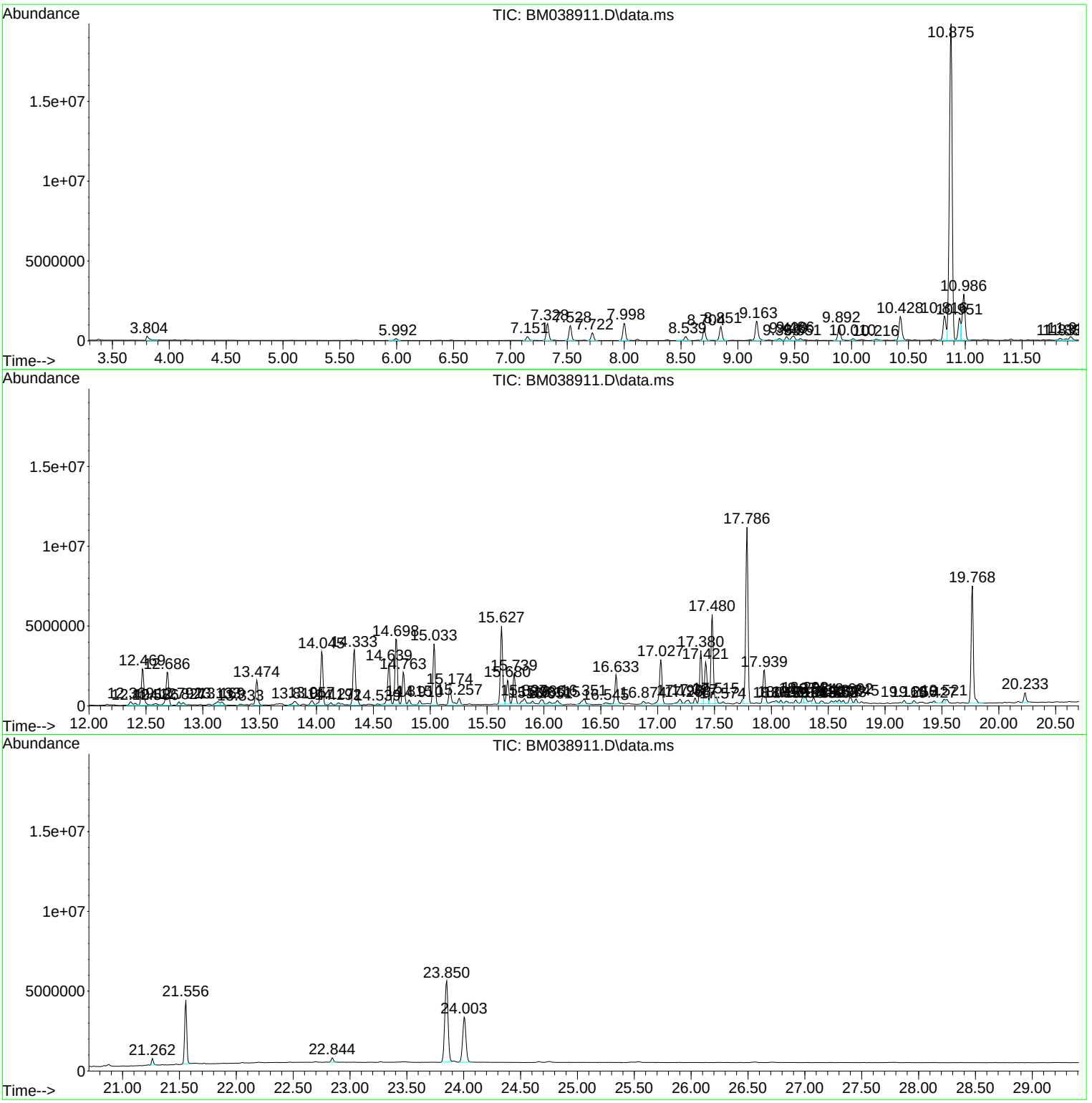
ClientSampleId :
DCAE2

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 : BM038911.D
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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

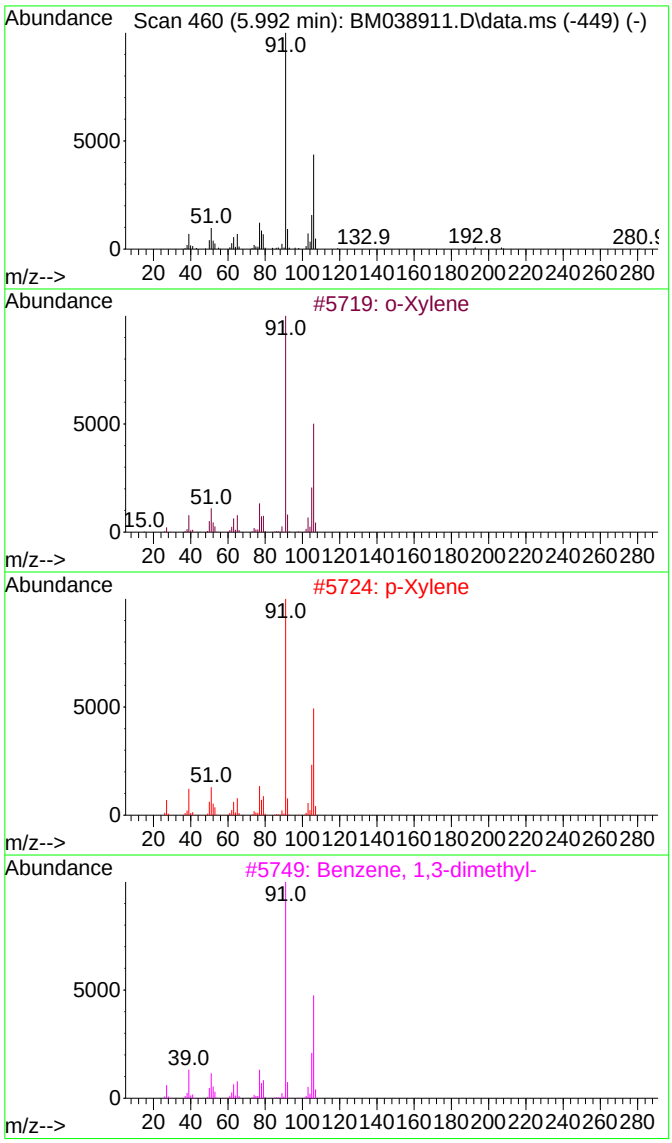
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

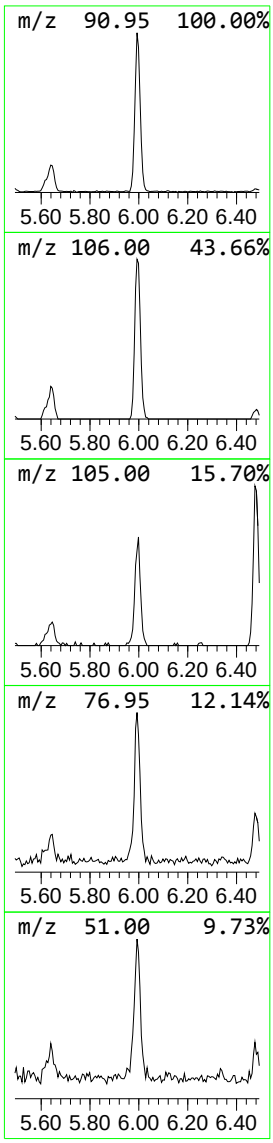
****

Peak Number 1 o-Xylene Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.992	2.36 ng/ul	205446	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	p-Xylene	106	C8H10	000106-42-3	95
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
4	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	95
5	o-Xylene	106	C8H10	000095-47-6	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
Data File : BM038911.D
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ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE2

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

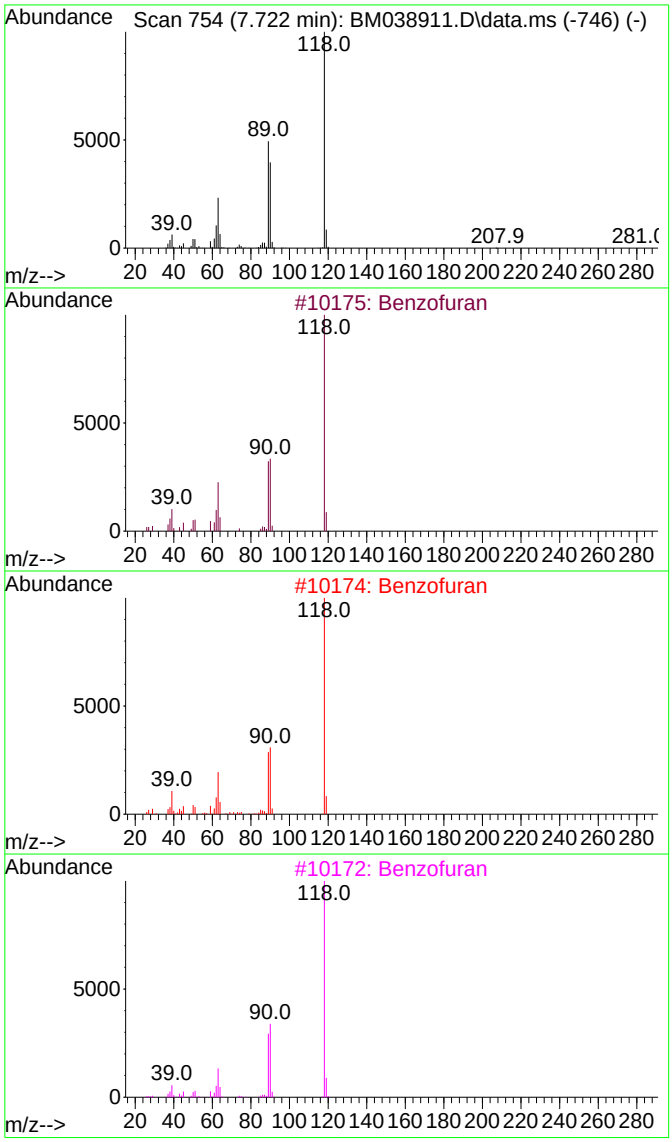
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

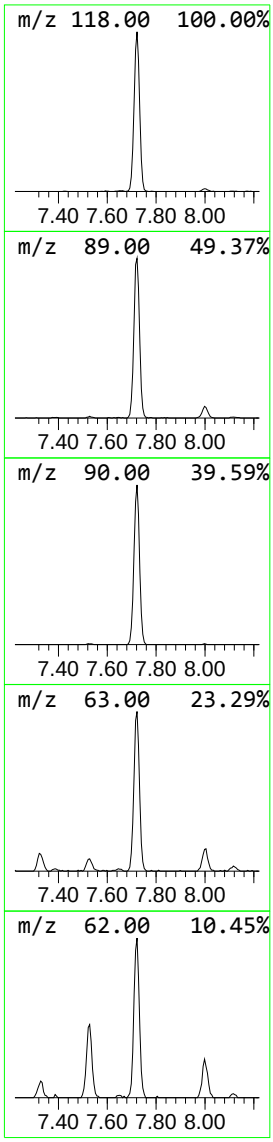
****

Peak Number 2 Benzofuran Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.722	8.78 ng/ul	763853	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	83
4	3-Hydroxyphenylacetylene	118	C8H6O	010401-11-3	50
5	3-Pyridineacetonitrile	118	C7H6N2	006443-85-2	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM030723\
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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

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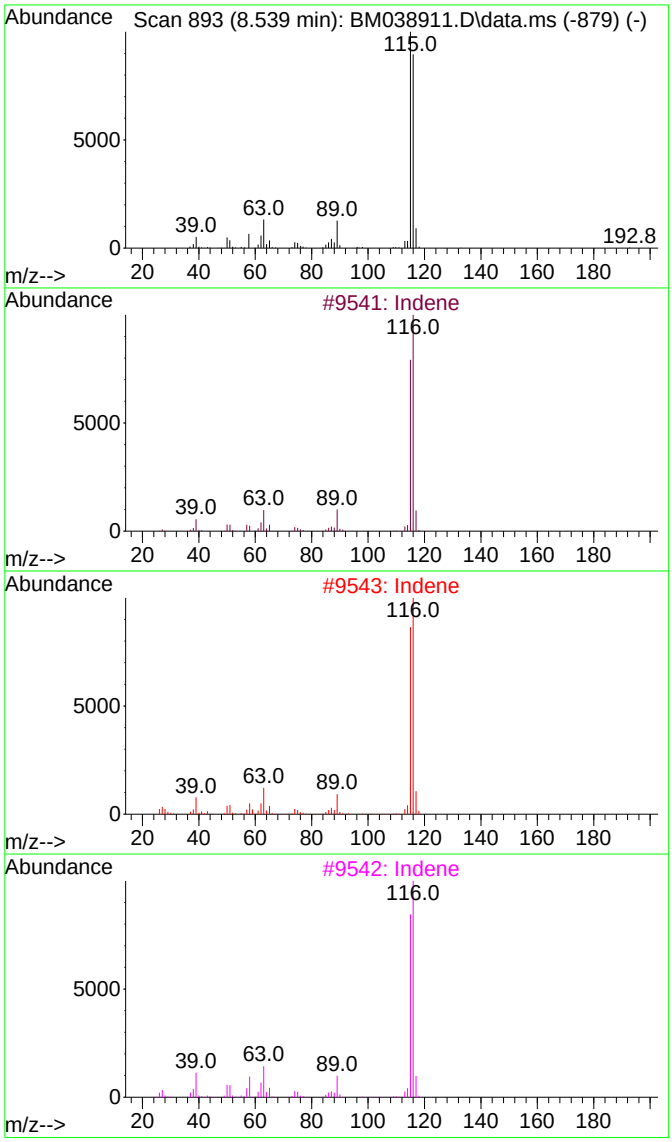
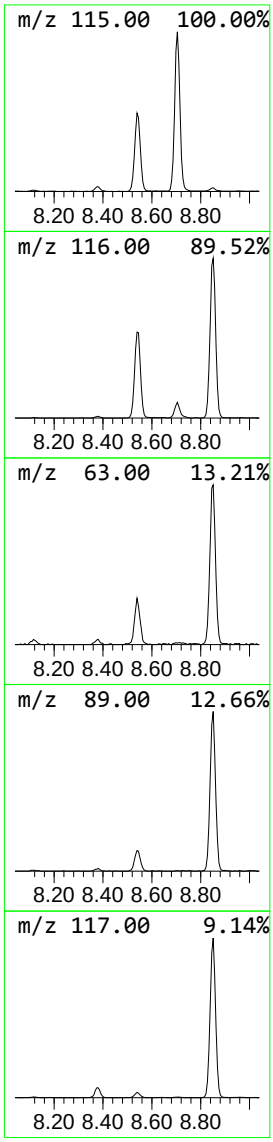
Peak Number 3 Indene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.539	4.79 ng/ul	416934	1,4-Dichlorobenzene-d4	7.998

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	93
4	Benzene, 1-propynyl-	116	C9H8	000673-32-5	91
5	3-Methylphenylacetylene	116	C9H8	000766-82-5	91





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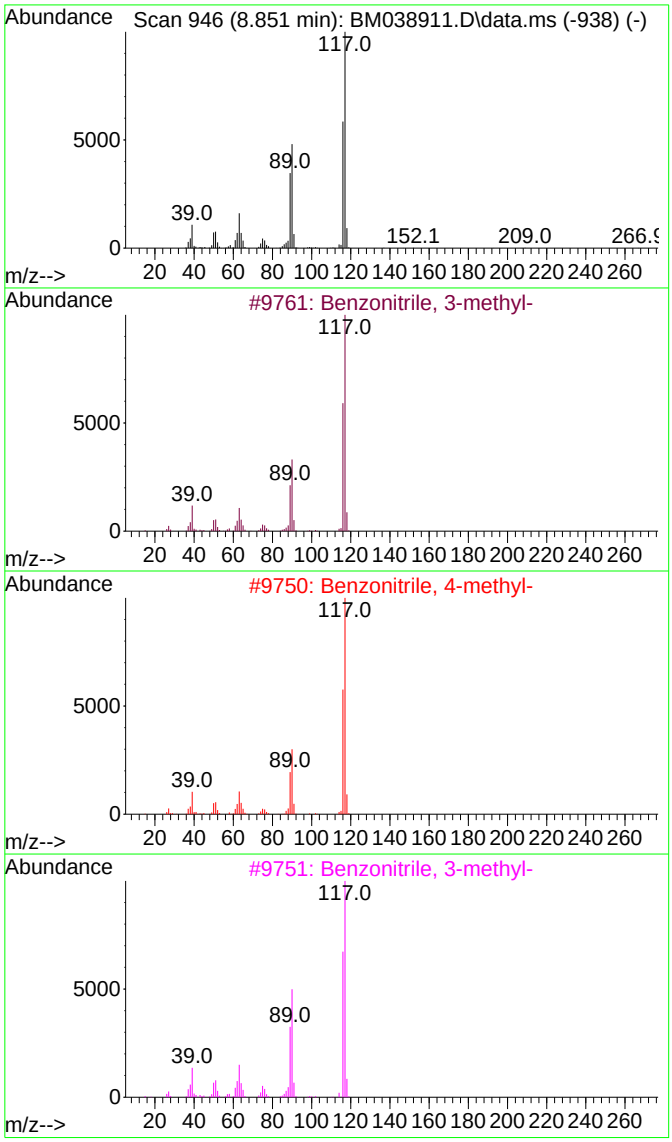
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

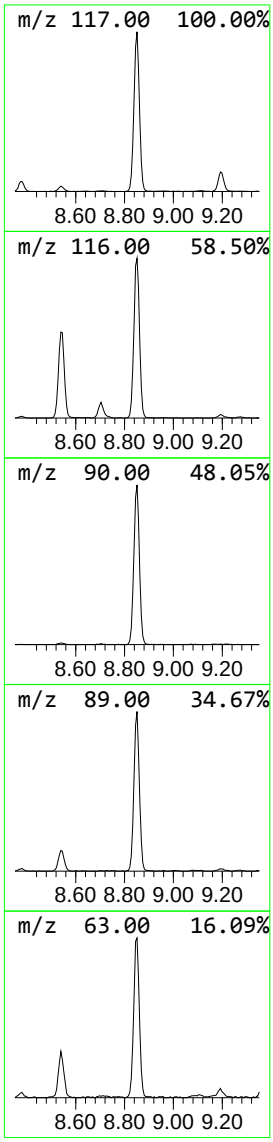
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.851	15.94 ng/ul	1387020	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, 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 : BM038911.D
Acq On : 08 Mar 2023 00:43
Operator : CG/JU
Sample : 01746-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE2

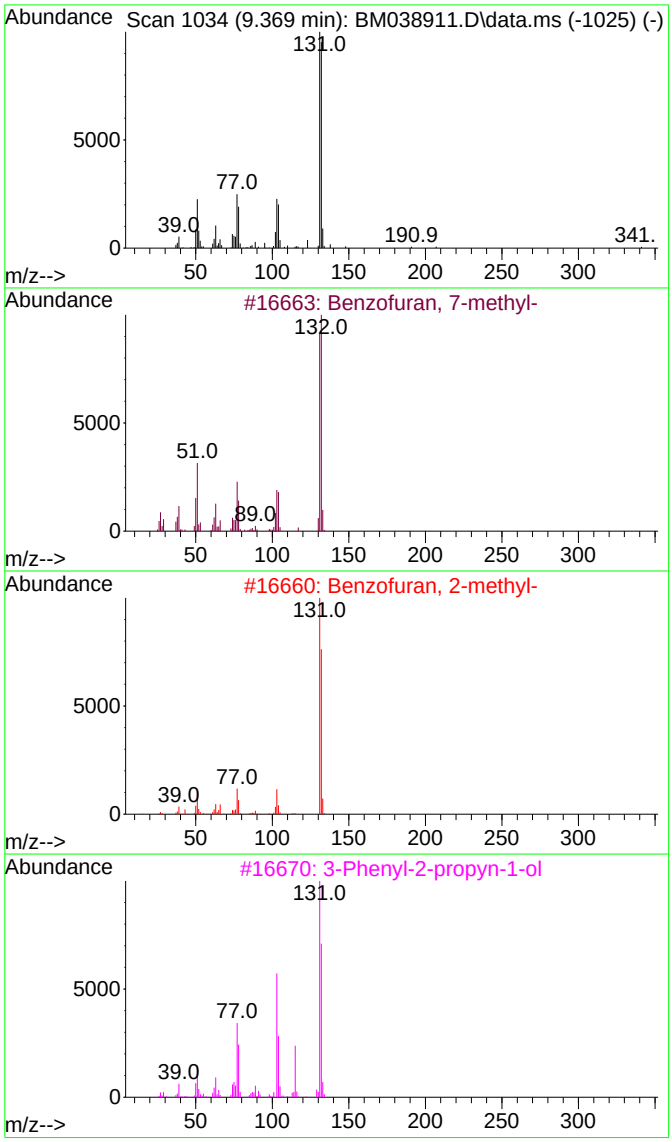
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

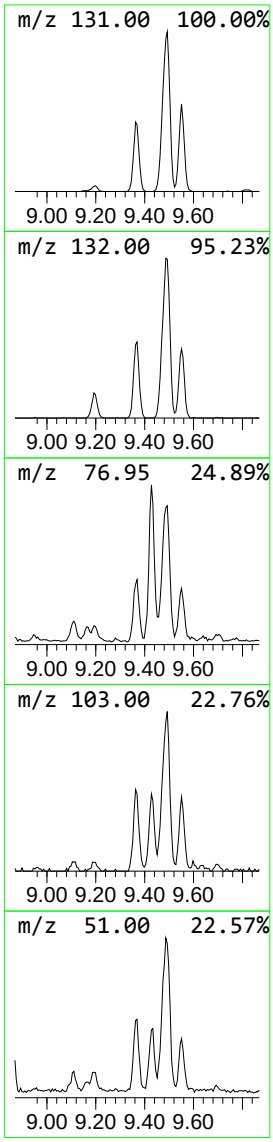
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.369	2.36 ng/ul	205709	1,4-Dichlorobenzene-d4	7.998

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	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, 2-methyl-	132	C9H8O	004265-25-2	90





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Acq On : 08 Mar 2023 00:43
Operator : CG/JU
Sample : 01746-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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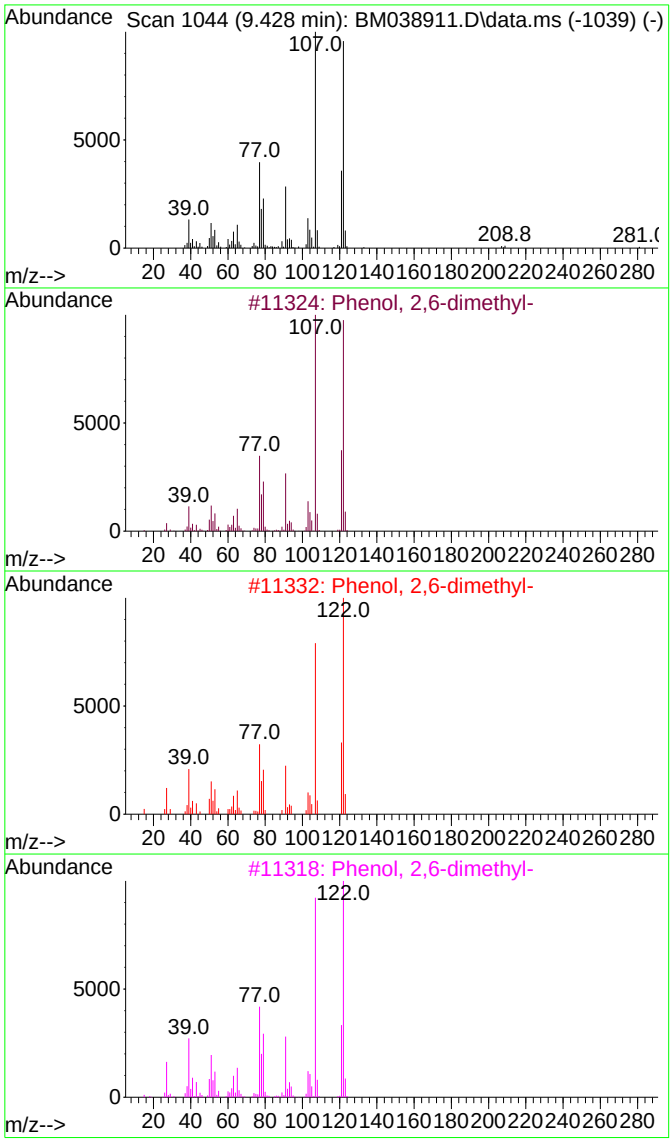
Quant Title : SVOA CALIBRATION

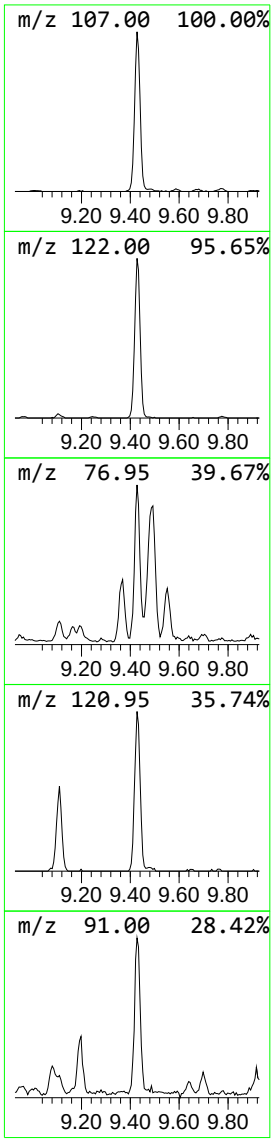
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 2,6-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.428	2.65 ng/ul	371573	Naphthalene-d8	10.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	97
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
3	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	96
4	Phenol, 2,5-dimethyl-	122	C8H10O	000095-87-4	96
5	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94





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Sample : 01746-08
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ClientSampleId :
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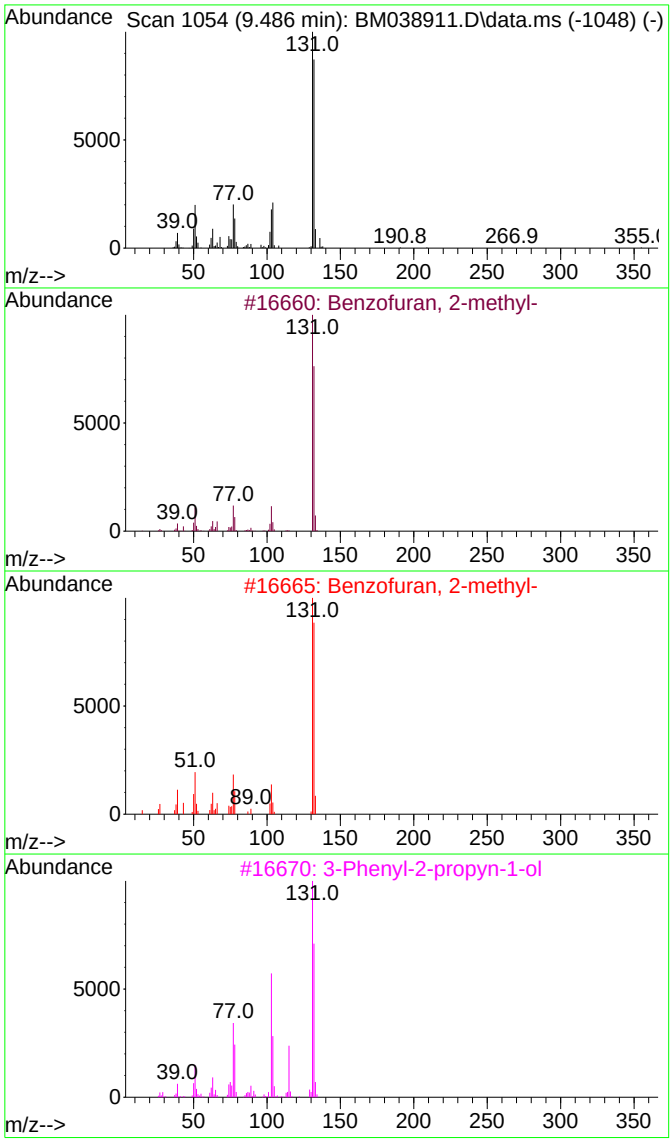
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

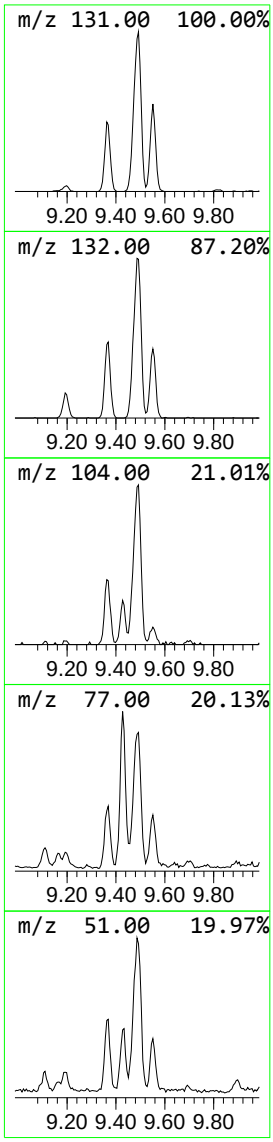
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Benzofuran, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.486	4.23 ng/ul	593009	Naphthalene-d8	10.816

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, 2-methyl-	132	C9H8O	004265-25-2	90





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Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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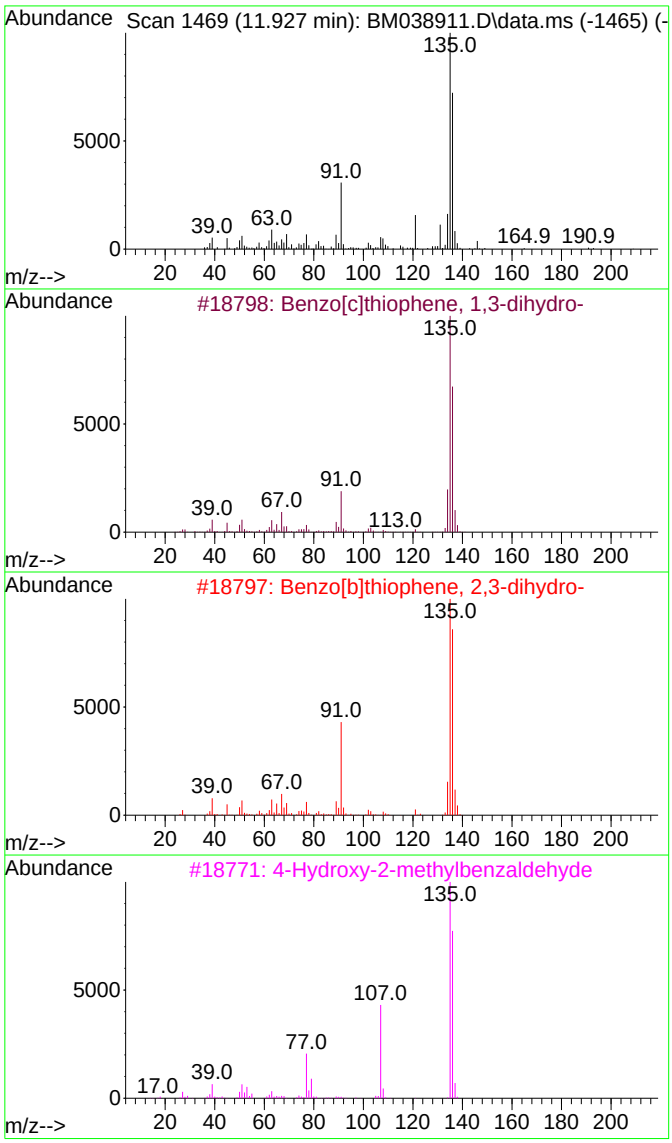
Quant Title : SVOA CALIBRATION

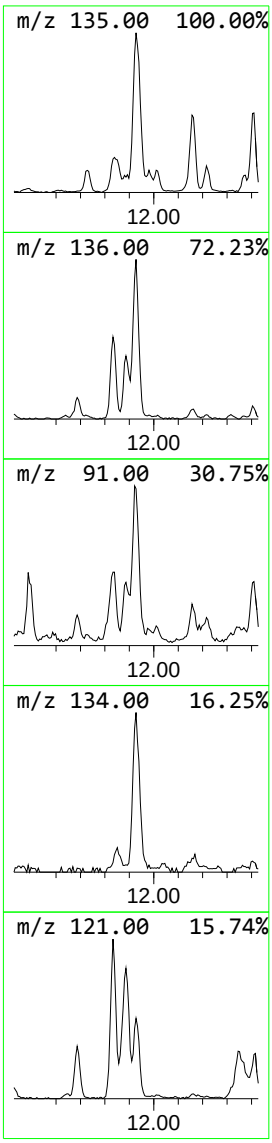
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Benzo[c]thiophene, 1,3-dihy... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.927	3.20 ng/ul	447668	Naphthalene-d8	10.816

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	76
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	72
3	4-Hydroxy-2-methylbenzaldehyde	136	C8H8O2	041438-18-0	64
4	Benzo[c]thiophene, 1,3-dihydro-	136	C8H8S	002471-92-3	64
5	4-Methoxybenzoic acid, [1-(2,4,6...	318	C14H14N4O5	1000276-77-1	59





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ALS Vial : 23 Sample Multiplier: 1

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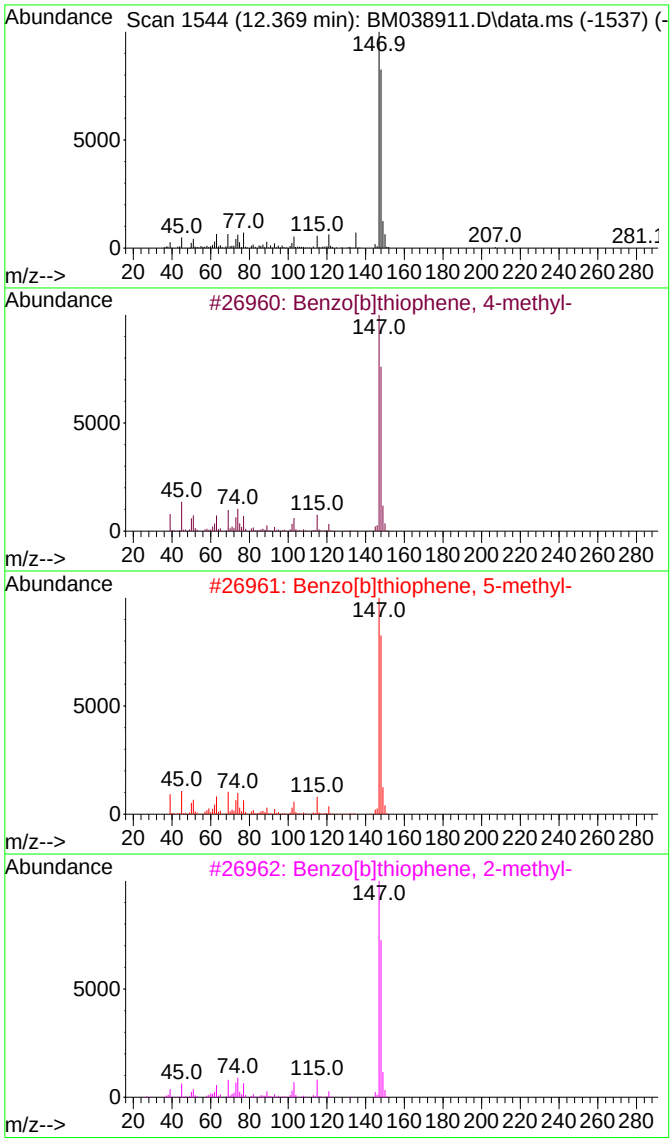
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

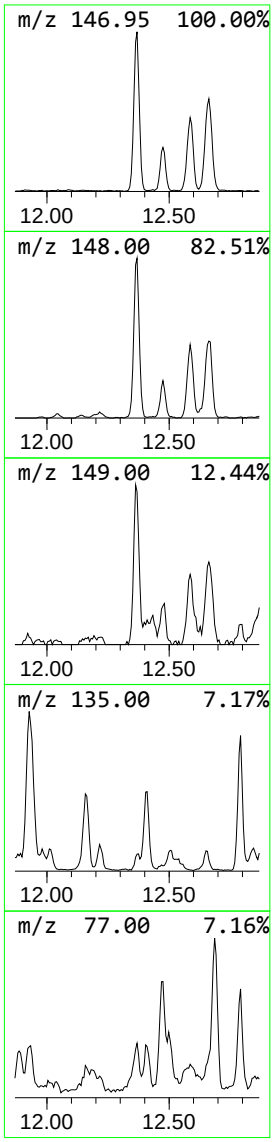
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzo[b]thiophene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.369	2.80 ng/ul	391855	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	Benzo[b]thiophene, 5-methyl-	148	C9H8S	014315-14-1	91
3	Benzo[b]thiophene, 2-methyl-	148	C9H8S	001195-14-8	90
4	3-Methylbenzothiophene	148	C9H8S	001455-18-1	90
5	Benzene, 1-ethynyl-2-(methylthio)-	148	C9H8S	078905-08-5	87





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Misc :
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ClientSampleId :
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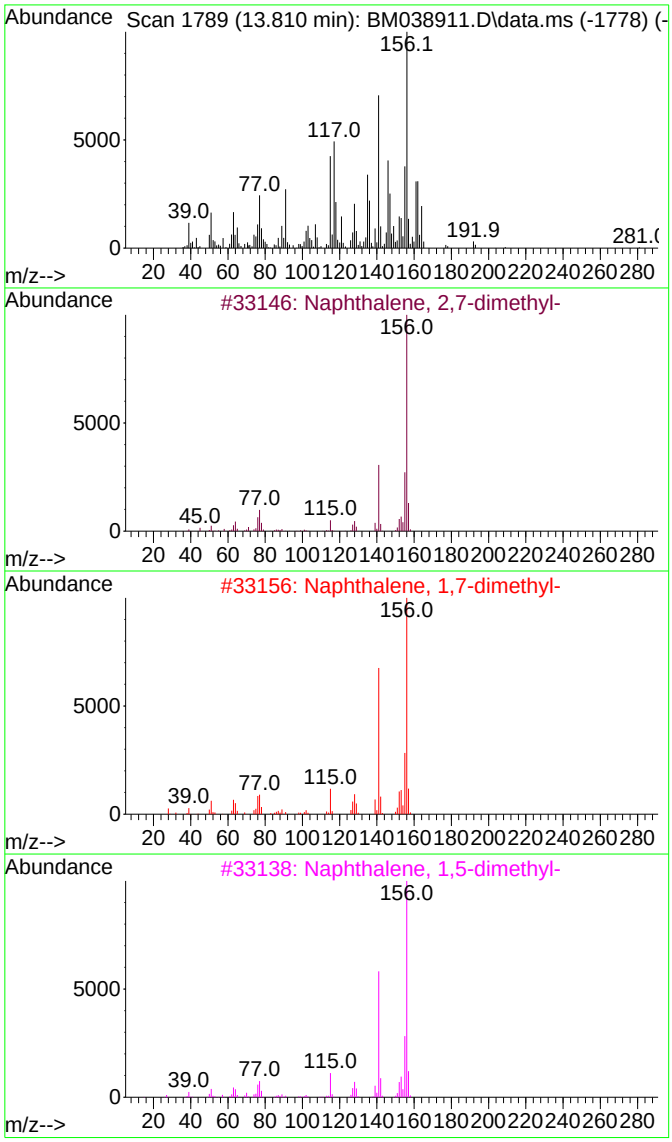
Quant Title : SVOA CALIBRATION

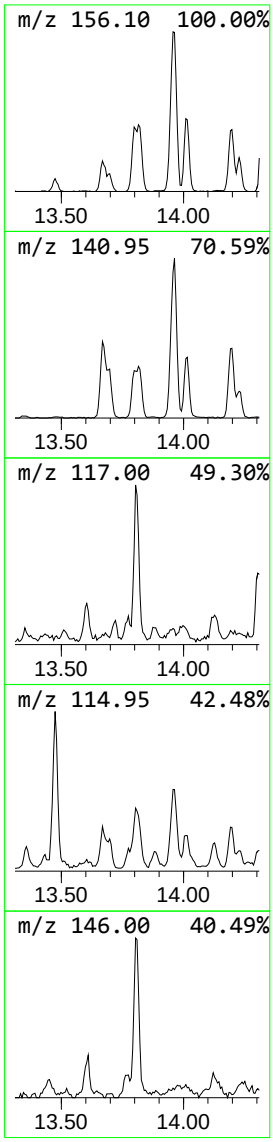
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2,7-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.810	3.16 ng/ul	629746	Acenaphthene-d10	14.639

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	86
2	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	86
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	86
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	86
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	86





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Misc :
ALS Vial : 23 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

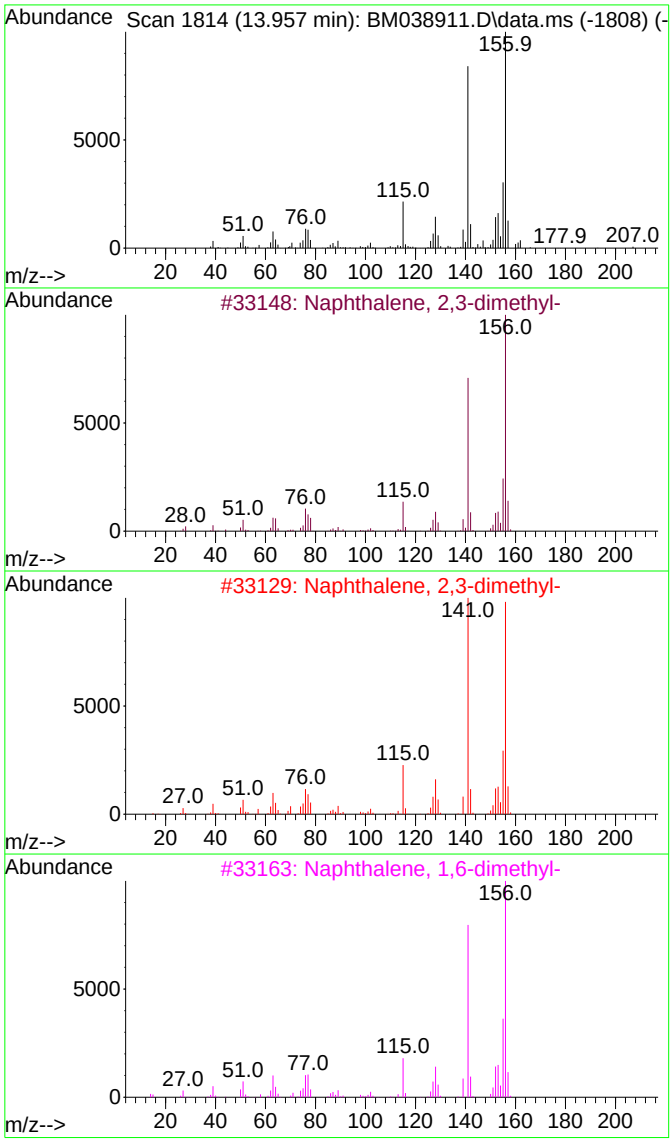
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

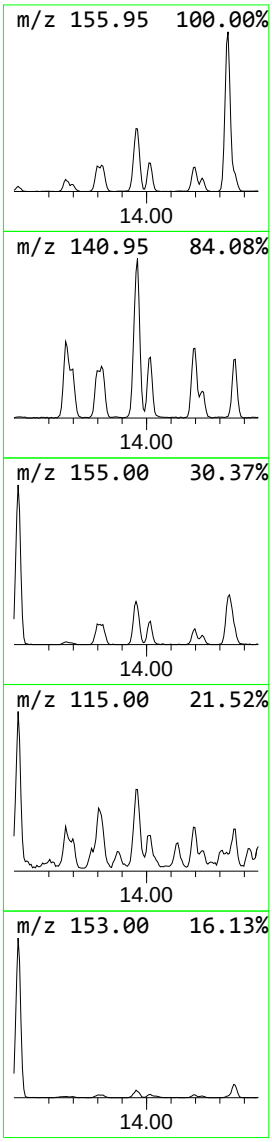
****

Peak Number 11 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.957	2.57 ng/ul	512294	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, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96





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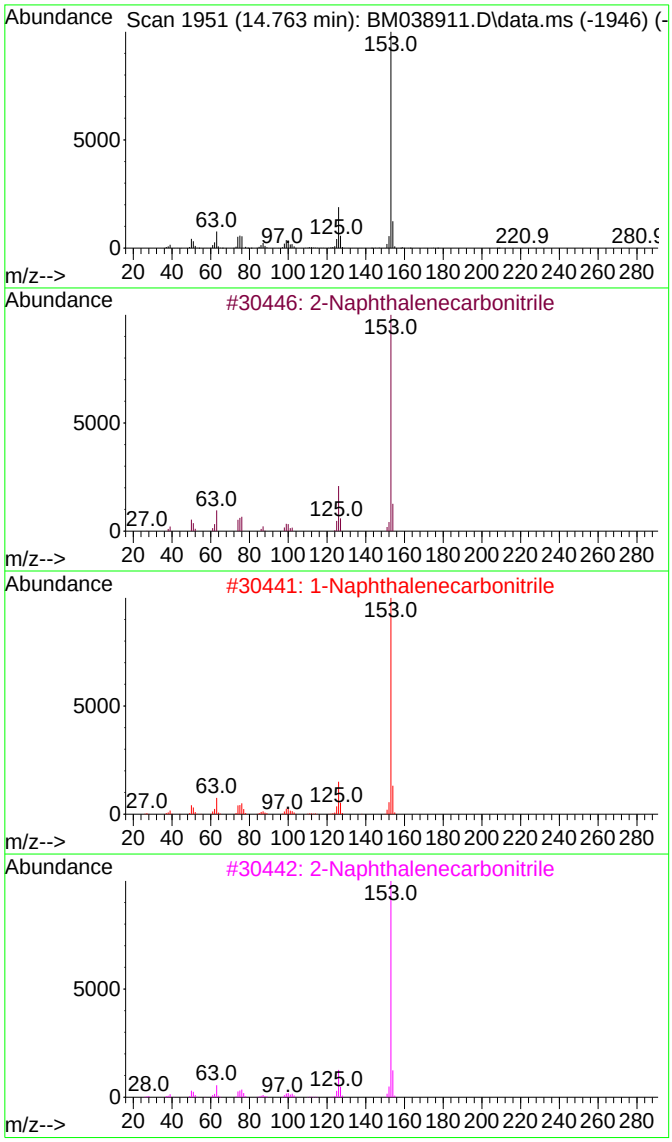
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

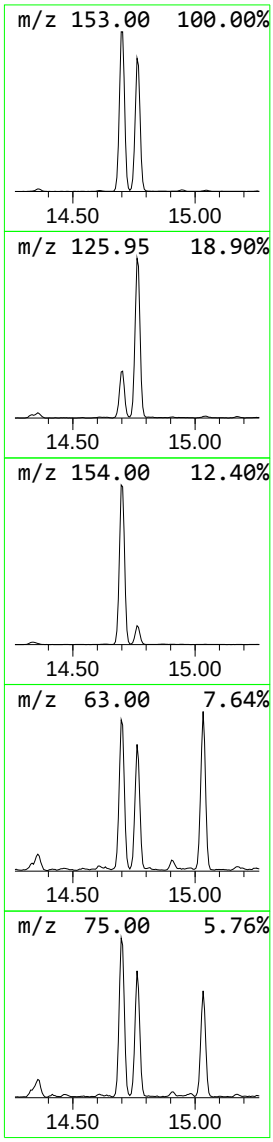
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.762	13.81 ng/ul	2754290	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-Naphthalenecarbonitrile	153	C11H7N	000613-46-7	94
4	2-Naphthyl isocyanide	153	C11H7N	010124-78-4	94
5	1-Naphthalenecarbonitrile	153	C11H7N	000086-53-3	91





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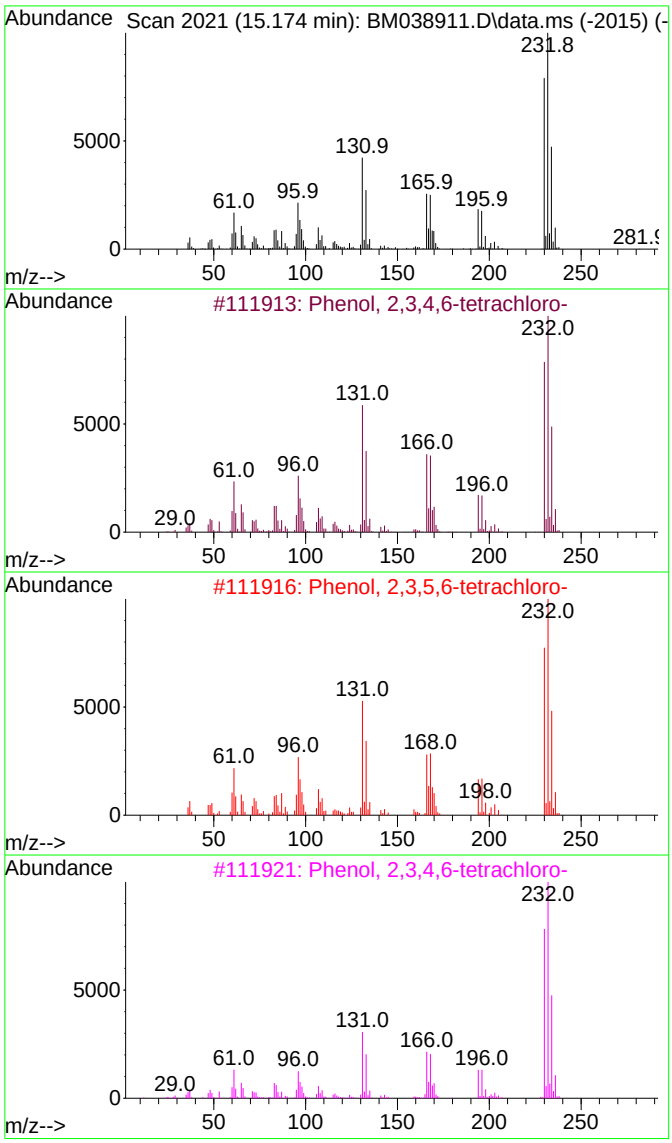
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

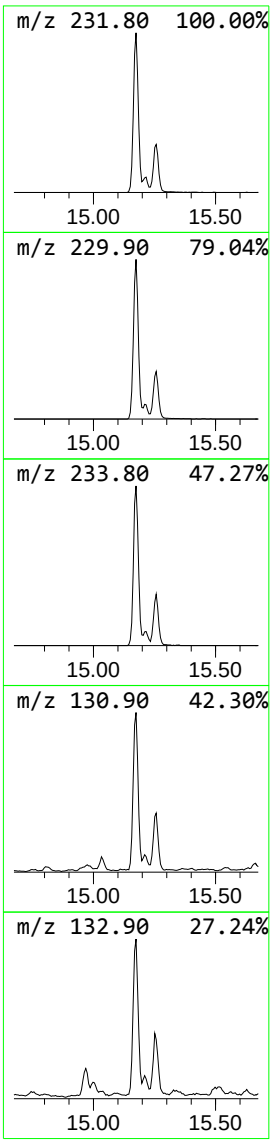
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenol, 2,3,5,6-tetrachloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.174	8.30 ng/ul	1655300	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, 2,3,4,6-tetrachloro-	230	C6H2Cl4O	000058-90-2	99
5	Phenol, 2,3,5,6-tetrachloro-	230	C6H2Cl4O	000935-95-5	99





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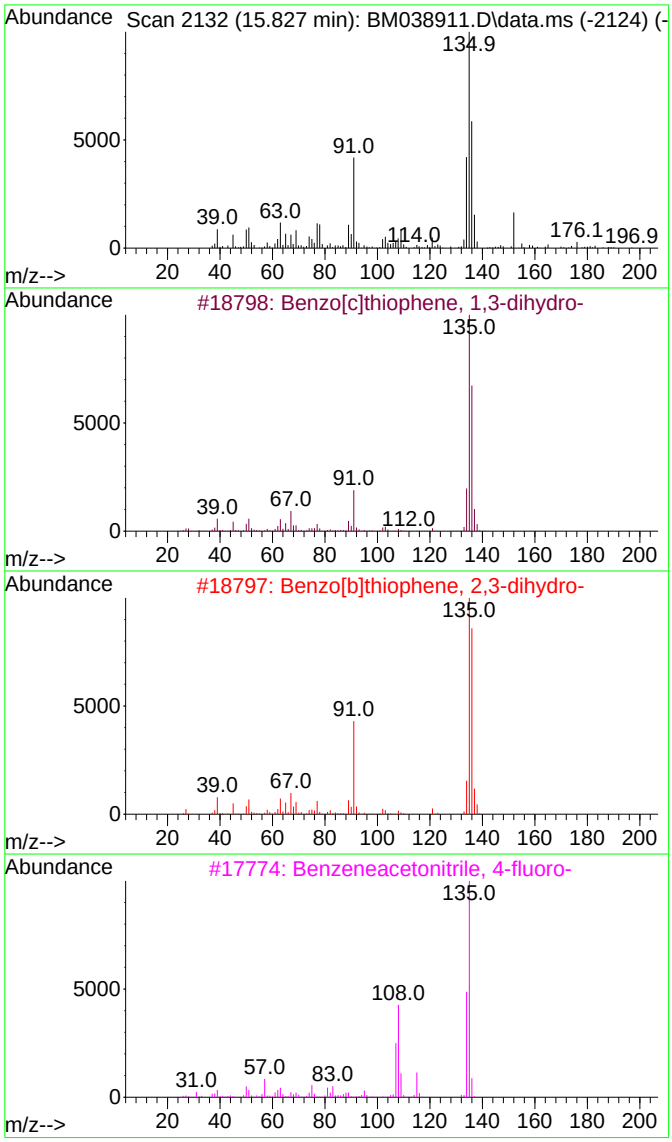
Quant Title : SVOA CALIBRATION

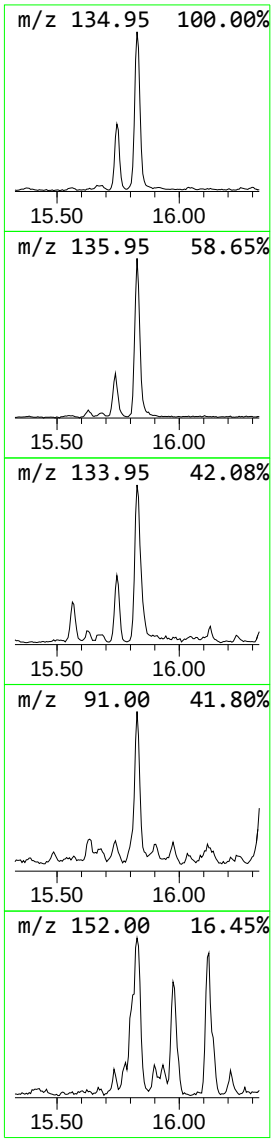
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Benzo[b]thiophene, 2,3-dihy... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.827	3.95 ng/ul	787079	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	70
2	Benzo[b]thiophene, 2,3-dihydro-	136	C8H8S	004565-32-6	64
3	Benzeneacetonitrile, 4-fluoro-	135	C8H6FN	000459-22-3	50
4	Benzaldehyde, 4-methoxy-	136	C8H8O2	000123-11-5	49
5	Benzeneacetonitrile, 3-fluoro-	135	C8H6FN	000501-00-8	49





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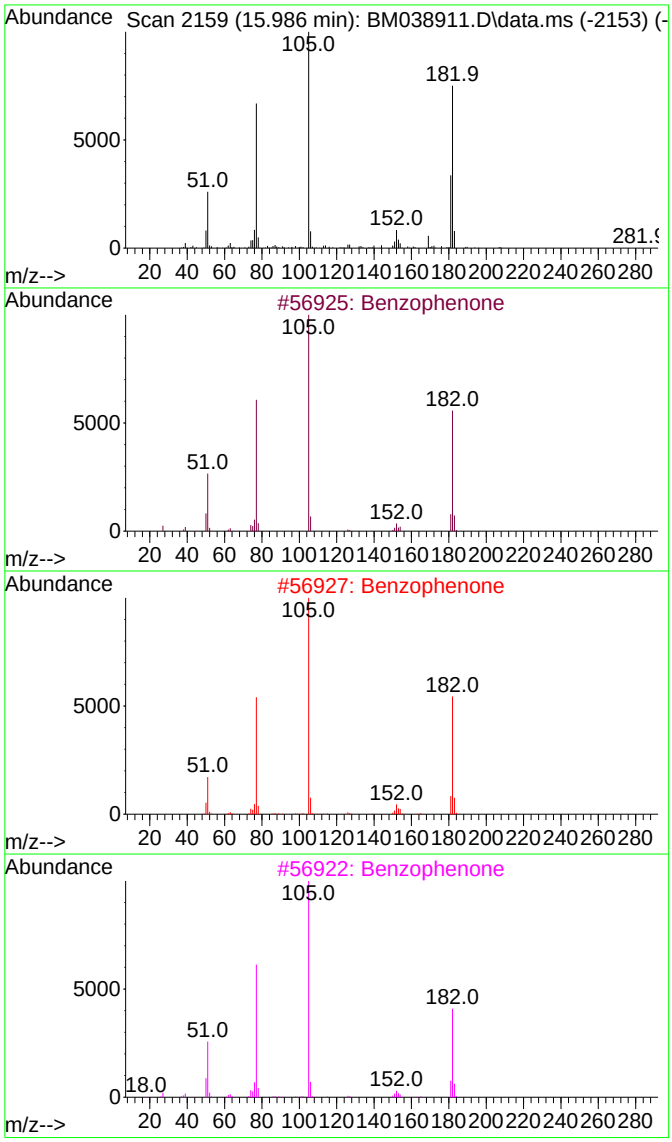
Quant Title : SVOA CALIBRATION

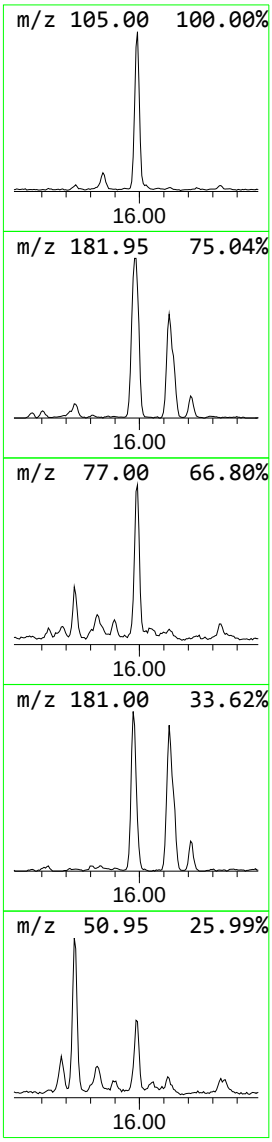
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzophenone Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.986	2.92 ng/ul	583225	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	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	43





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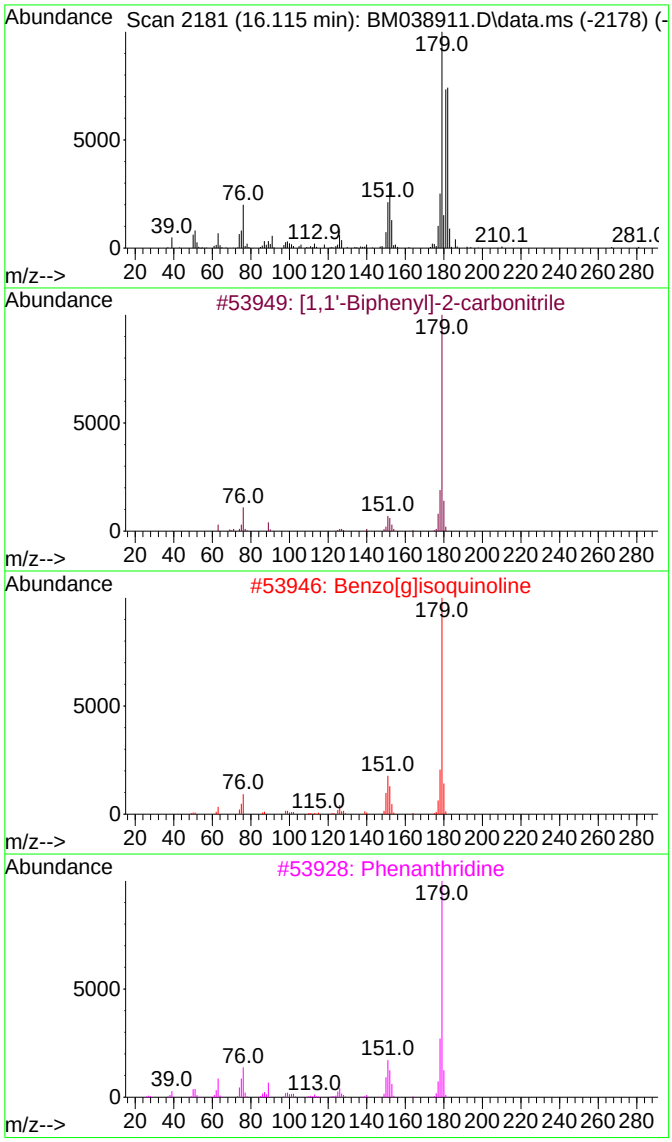
Quant Title : SVOA CALIBRATION

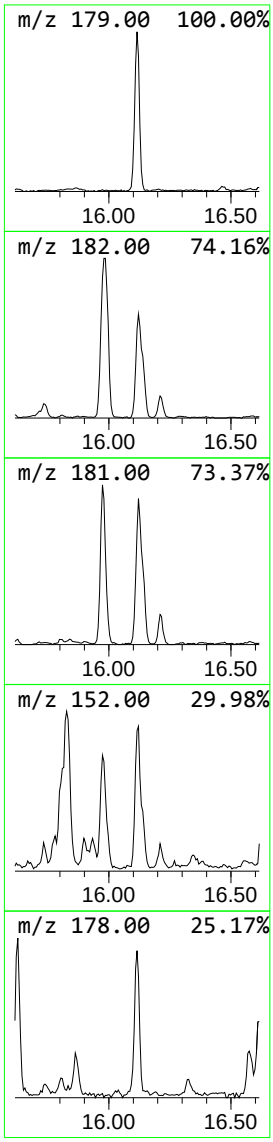
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 [1,1'-Biphenyl]-2-carbonitrile Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.115	2.08 ng/ul	491363	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-2-carbonitrile	179	C13H9N	024973-49-7	50
2	Benzo[g]isoquinoline	179	C13H9N	000260-32-2	45
3	Phenanthridine	179	C13H9N	000229-87-8	45
4	Benzo[h]isoquinoline	179	C13H9N	000229-71-0	43
5	9H-Fluoren-9-imine	179	C13H9N	004440-33-9	43





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BNA_M
ClientSampleId :
DCAE2

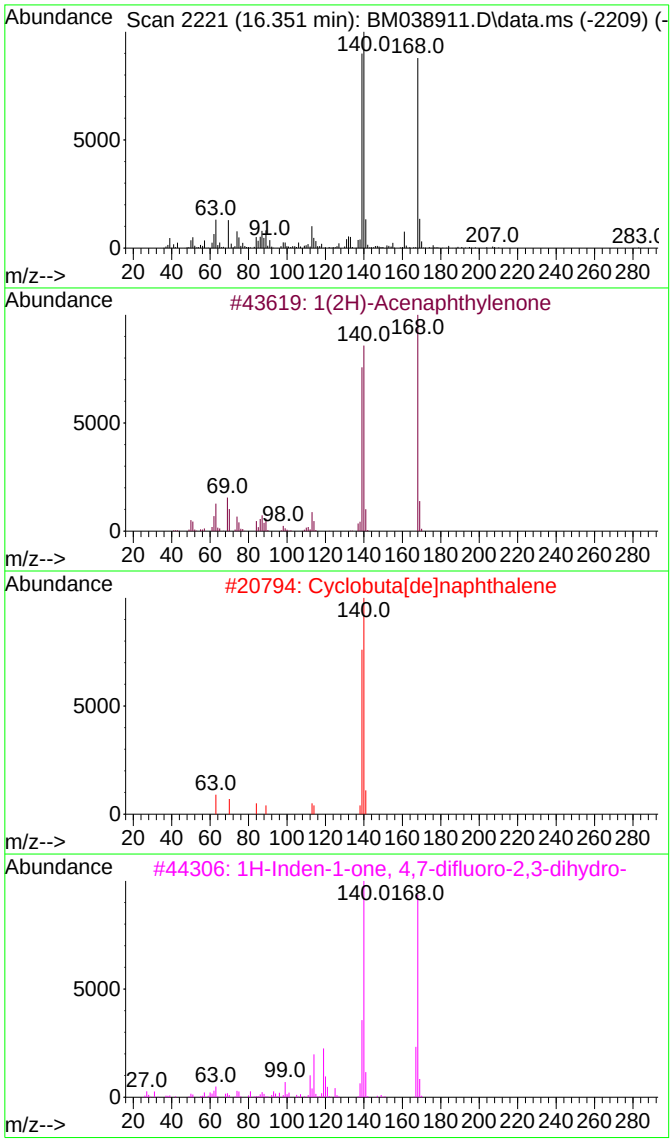
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

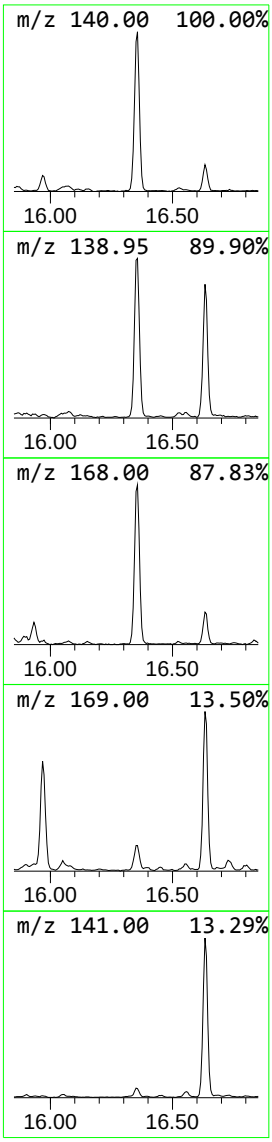
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.351	3.74 ng/ul	885036	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	64
3	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	53
4	Dibenzofuran	168	C12H8O	000132-64-9	52
5	Benzaldehyde, 2-fluoro-3-hydroxy-	140	C7H5FO2	103438-86-4	47





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Acq On : 08 Mar 2023 00:43
Operator : CG/JU
Sample : 01746-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCAE2

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Quant Title : SVOA CALIBRATION

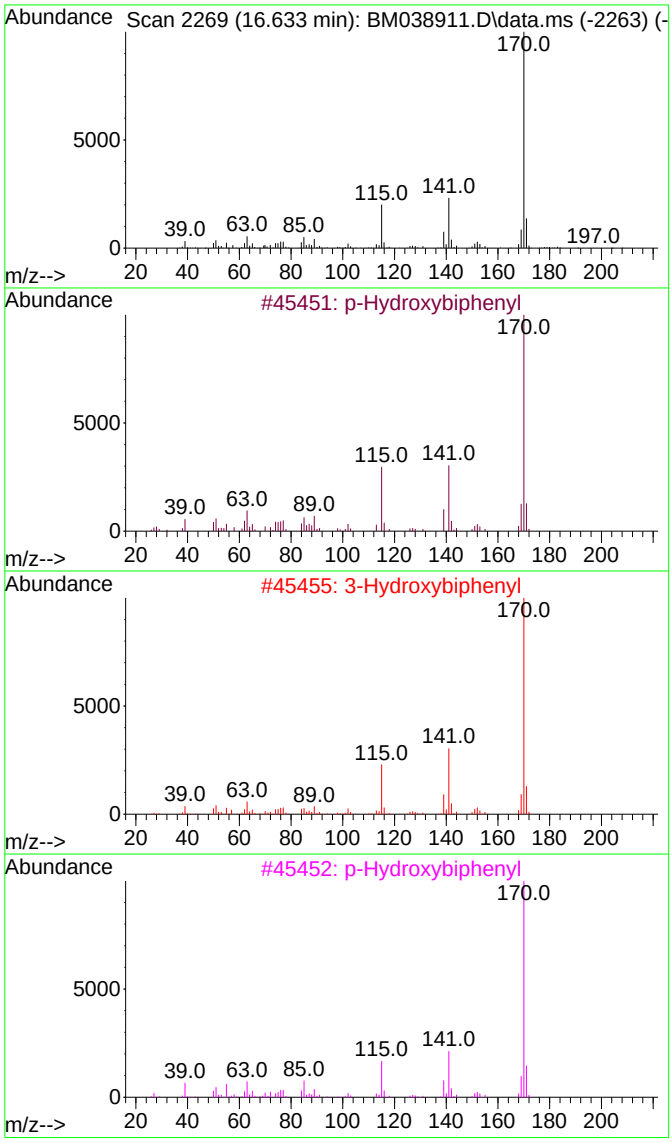
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

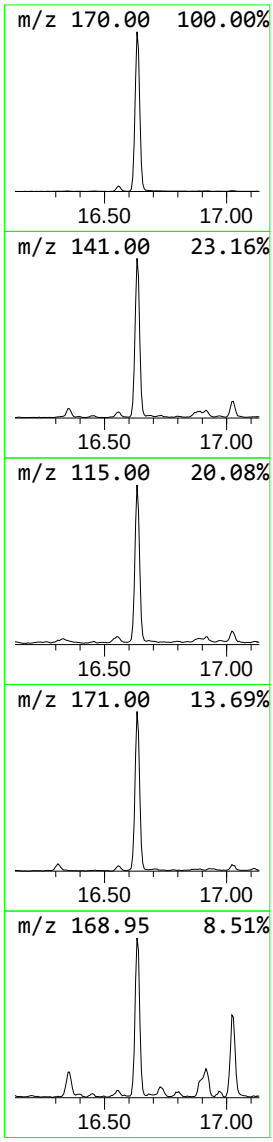
****

Peak Number 18 p-Hydroxybiphenyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.633	10.53 ng/ul	2491410	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





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Sample : 01746-08
Misc :
ALS Vial : 23 Sample Multiplier: 1

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BNA_M
ClientSampleId :
DCAE2

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

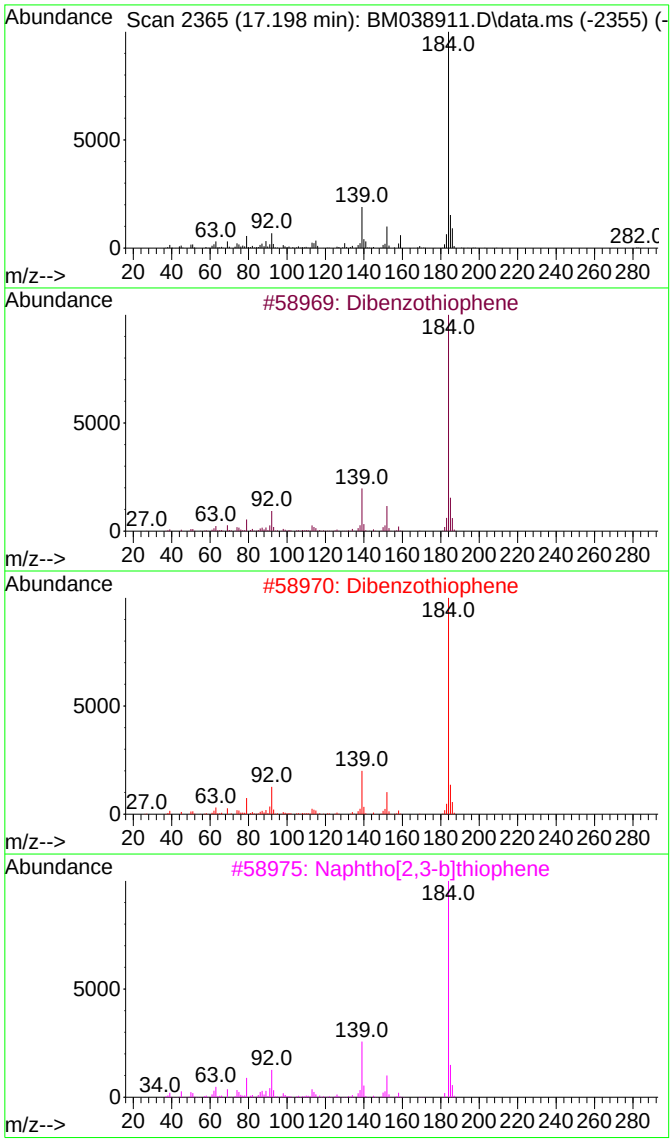
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

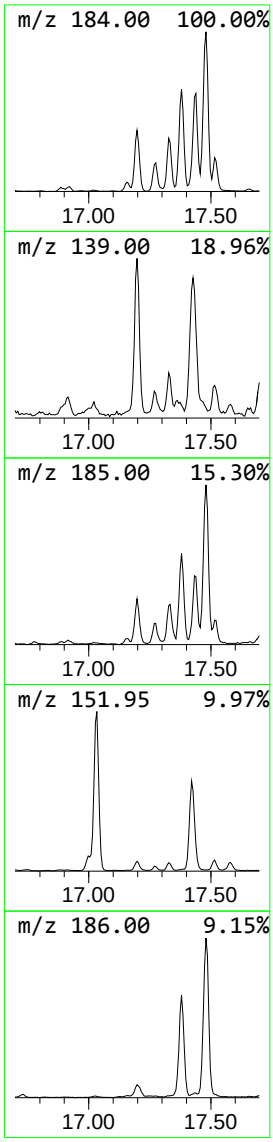
****

Peak Number 19 Dibenzothiophene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.198	2.33 ng/ul	552069	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
4	Dibenzothiophene	184	C12H8S	000132-65-0	95
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94





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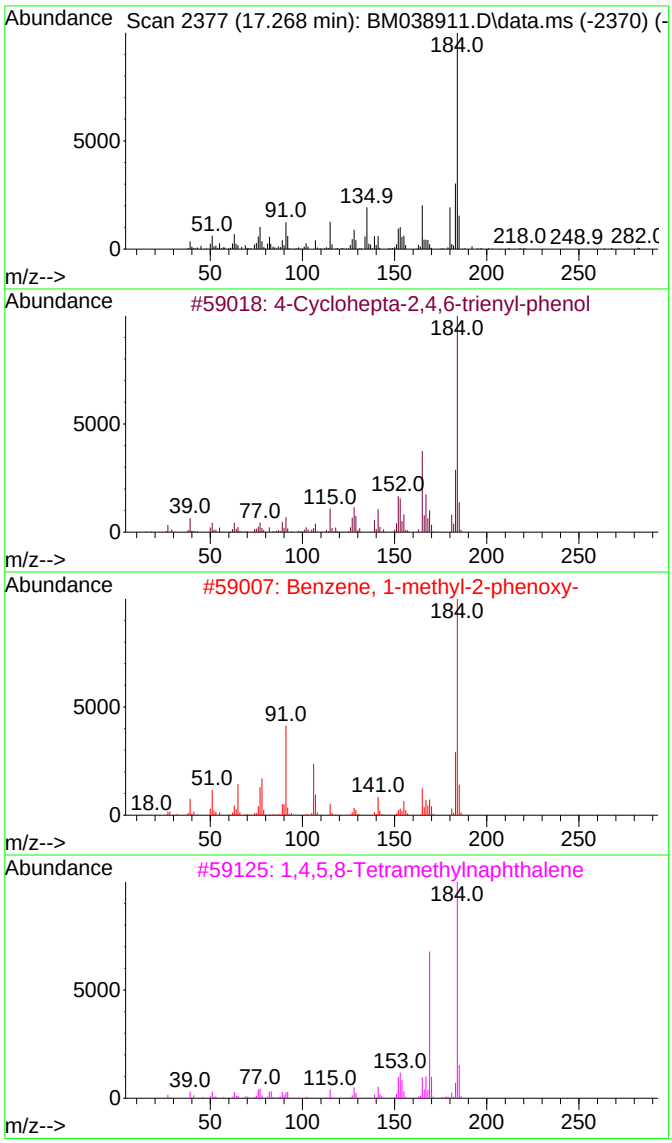
Quant Title : SVOA CALIBRATION

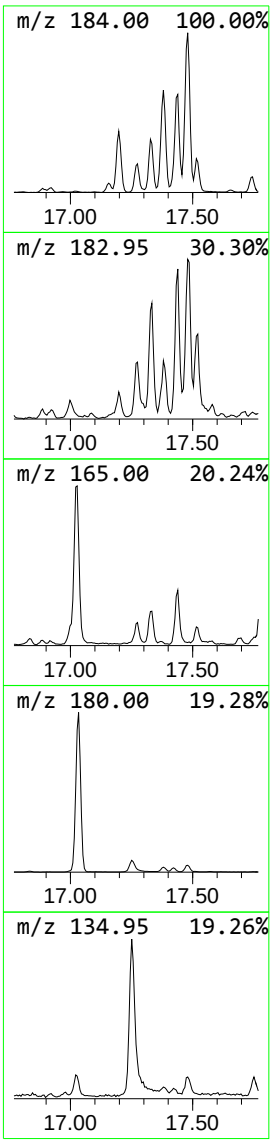
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 4-Cyclohepta-2,4,6-trienyl-... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.268	2.02 ng/ul	477870	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	68
2	Benzene, 1-methyl-2-phenoxy-	184	C13H12O	003991-61-5	60
3	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	60
4	4-Benzylphenol, acetate	226	C15H14O2	092548-93-1	58
5	4-Benzylphenol, 2-methylpropionate	254	C17H18O2	1000462-36-7	50





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Sample : 01746-08
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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

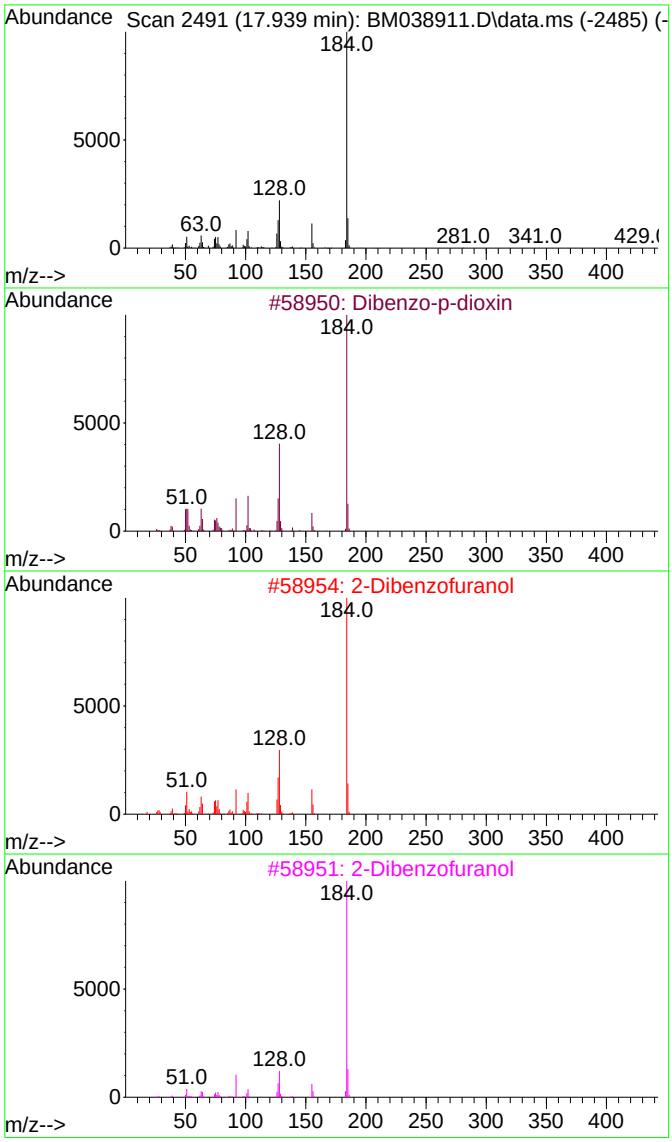
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

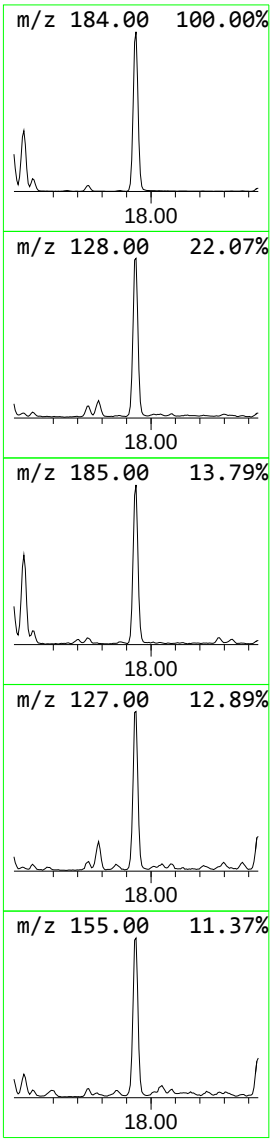
****

Peak Number 21 Dibenzo-p-dioxin Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	12.48 ng/ul	2952500	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	90
5	Dibenzo-p-dioxin	184	C12H8O2	000262-12-4	86





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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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

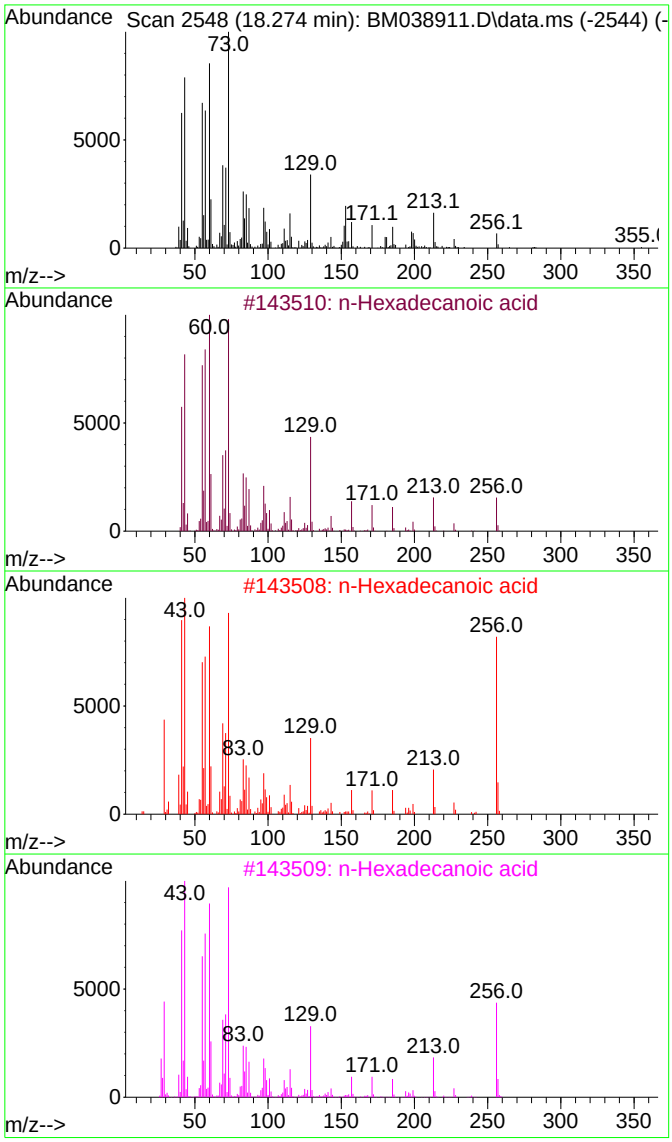
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

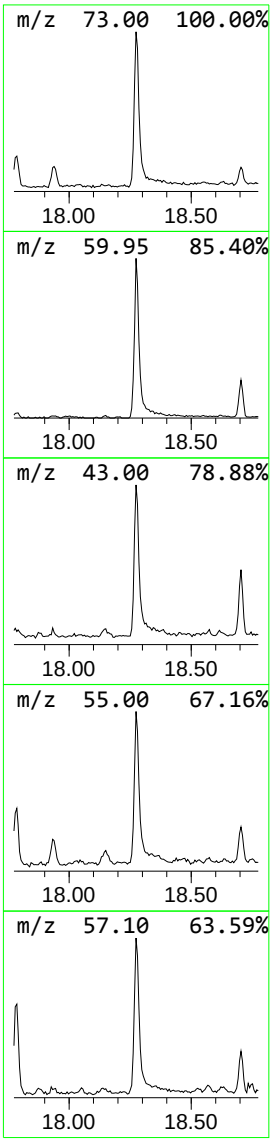
****

Peak Number 22 n-Hexadecanoic acid Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	2.28 ng/ul	538432	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5	Tridecanoic acid	214	C13H26O2	000638-53-9	96





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Misc :
ALS Vial : 23 Sample Multiplier: 1

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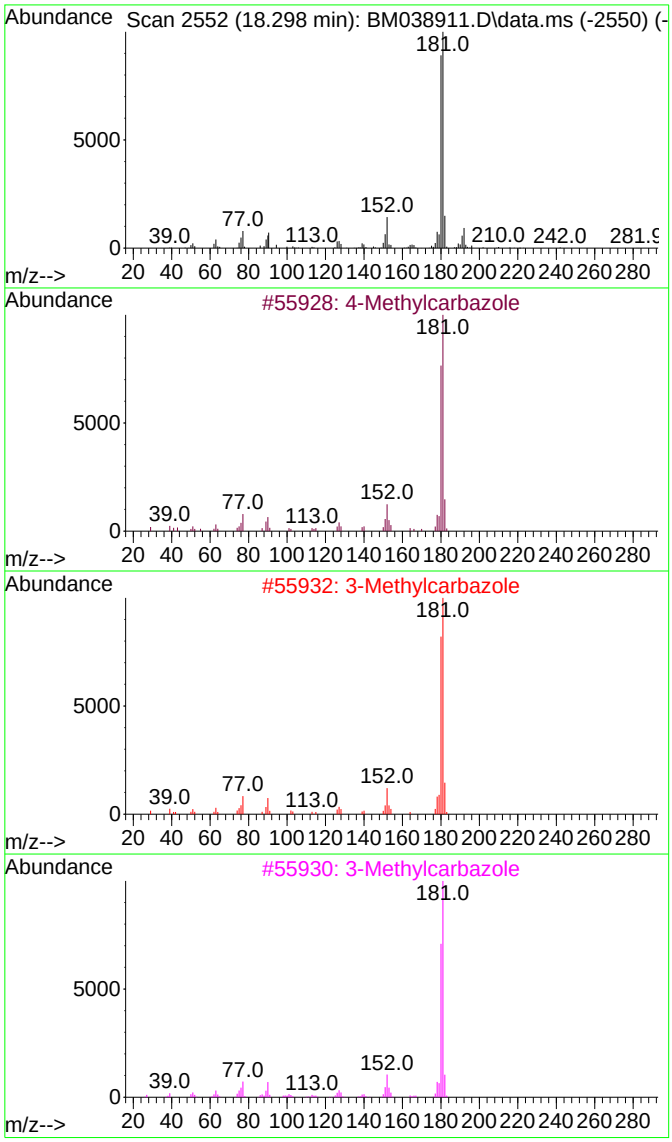
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

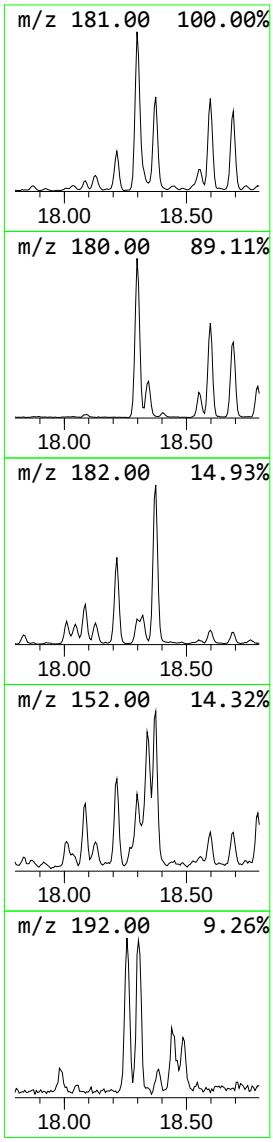
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 4-Methylcarbazole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	2.52 ng/ul	595977	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylcarbazole	181	C13H11N	003770-48-7	93
2	3-Methylcarbazole	181	C13H11N	004630-20-0	93
3	3-Methylcarbazole	181	C13H11N	004630-20-0	93
4	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	93
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	93





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Sample : 01746-08
Misc :
ALS Vial : 23 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

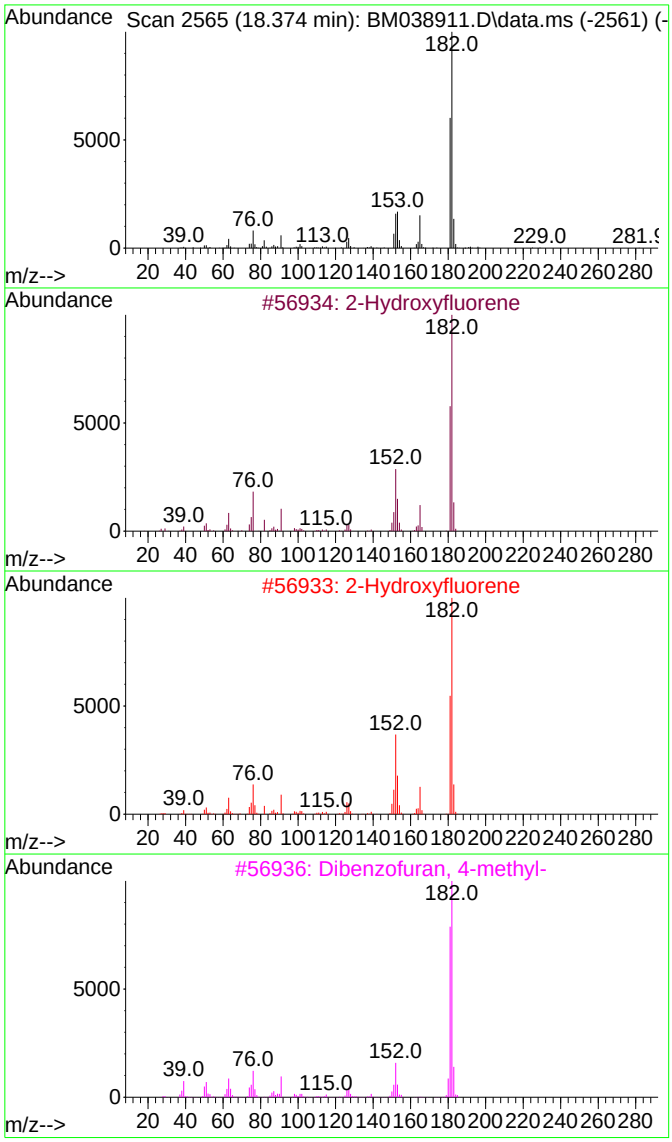
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

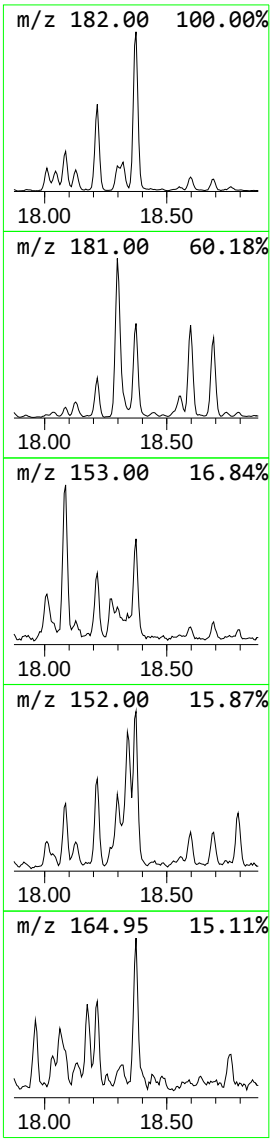
****

Peak Number 24 2-Hydroxyfluorene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	2.31 ng/ul	545470	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
2	2-Hydroxyfluorene	182	C13H10O	002443-58-5	94
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	86
5	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	64





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Sample : 01746-08
Misc :
ALS Vial : 23 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

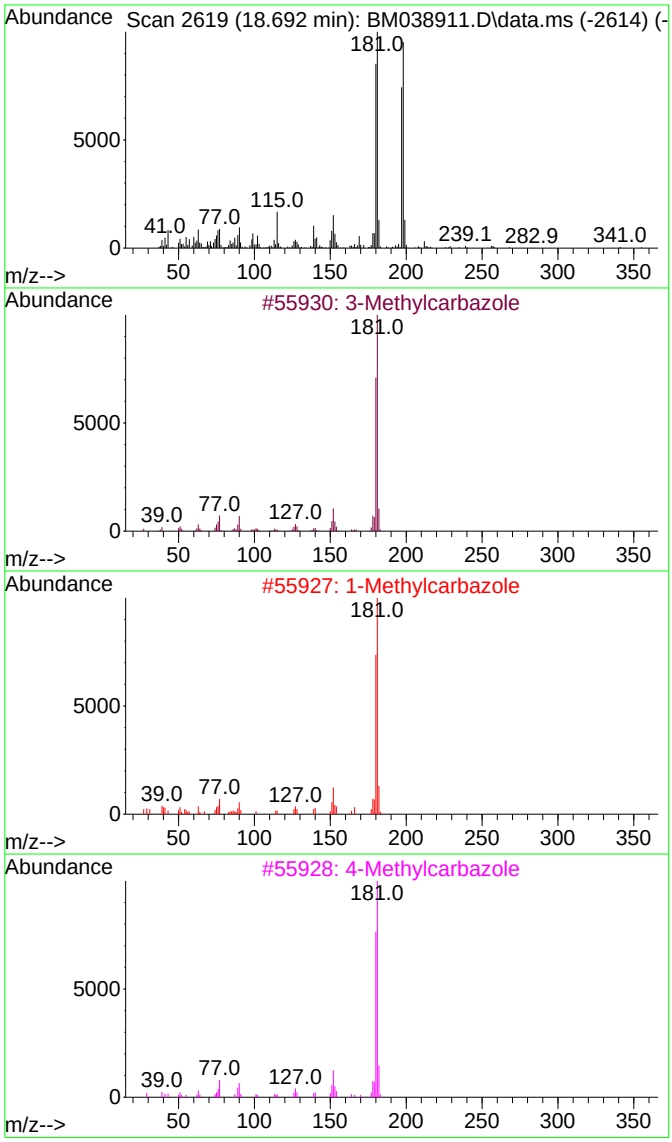
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

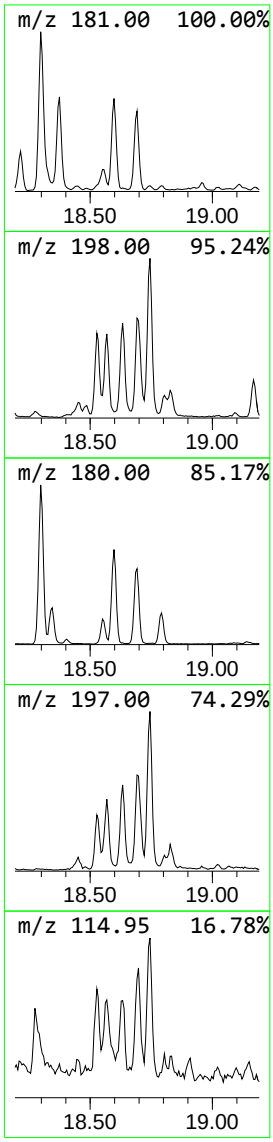
****

Peak Number 25 3-Methylcarbazole Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	2.59 ng/ul	612101	Phenanthrene-d10	17.380

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methylcarbazole	181	C13H11N	004630-20-0	89
2	1-Methylcarbazole	181	C13H11N	006510-65-2	64
3	4-Methylcarbazole	181	C13H11N	003770-48-7	64
4	9H-Carbazole, 9-methyl-	181	C13H11N	001484-12-4	56
5	9H-Carbazole, 2-methyl-	181	C13H11N	003652-91-3	50





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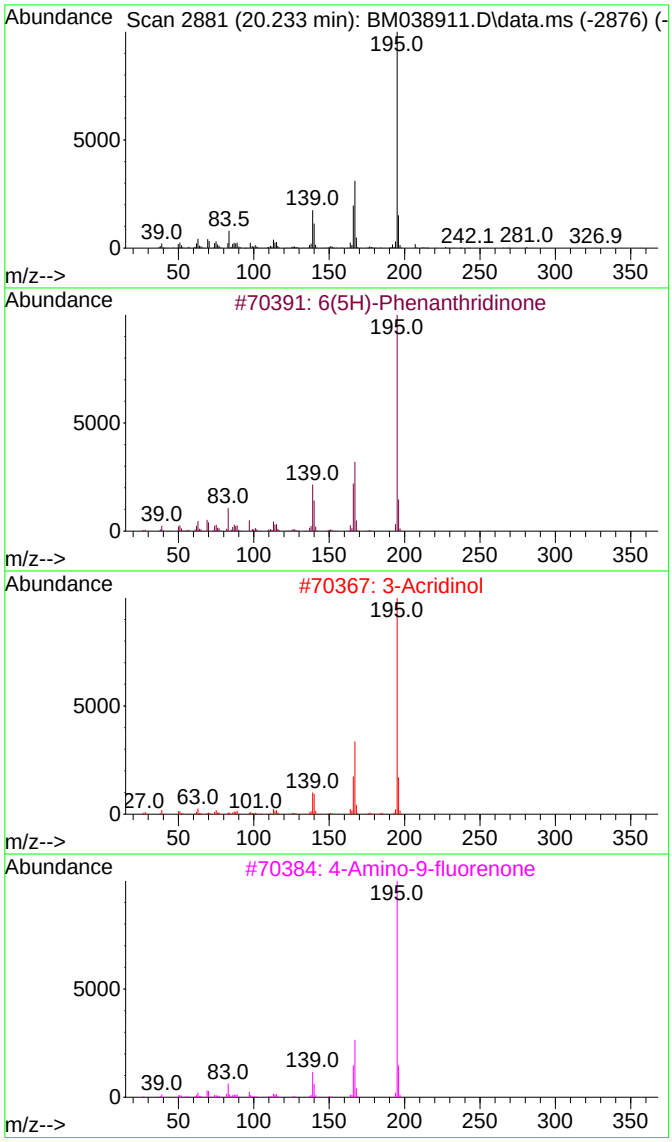
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM022823.M
Quant Title : SVOA CALIBRATION

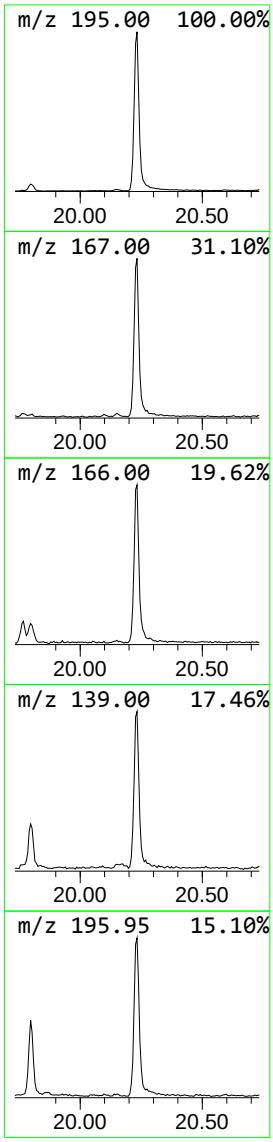
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 6(5H)-Phenanthridinone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	3.53 ng/ul	895753	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	96
3	4-Amino-9-fluorenone	195	C13H9NO	004269-15-2	95
4	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95
5	9(10H)-Acridinone	195	C13H9NO	000578-95-0	95





Tentatively Identified Compound (LSC) summary

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Sample : 01746-08
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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	5.992	2.4	ng/ul	205446	1	7.998	1739910	20.0
Benzofuran	7.722	8.8	ng/ul	763853	1	7.998	1739910	20.0
Indene	8.539	4.8	ng/ul	416934	1	7.998	1739910	20.0
Benzonitrile, 3...	8.851	15.9	ng/ul	1387020	1	7.998	1739910	20.0
Benzofuran, 7-m...	9.369	2.4	ng/ul	205709	1	7.998	1739910	20.0
Phenol, 2,6-dim...	9.428	2.6	ng/ul	371573	2	10.816	2800970	20.0
Benzofuran, 2-m...	9.486	4.2	ng/ul	593009	2	10.816	2800970	20.0
Benzo[c]thiophe...	11.927	3.2	ng/ul	447668	2	10.816	2800970	20.0
Benzo[b]thiophe...	12.369	2.8	ng/ul	391855	2	10.816	2800970	20.0
Naphthalene, 2,...	13.810	3.2	ng/ul	629746	3	14.639	3989750	20.0
Naphthalene, 2,...	13.957	2.6	ng/ul	512294	3	14.639	3989750	20.0
2-Naphthaleneca...	14.762	13.8	ng/ul	2754290	3	14.639	3989750	20.0
Phenol, 2,3,5,6...	15.174	8.3	ng/ul	1655300	3	14.639	3989750	20.0
Benzo[b]thiophe...	15.827	4.0	ng/ul	787079	3	14.639	3989750	20.0
Benzophenone	15.986	2.9	ng/ul	583225	3	14.639	3989750	20.0
[1,1'-Biphenyl]...	16.115	2.1	ng/ul	491363	4	17.380	4731890	20.0
1(2H)-Acenaphth...	16.351	3.7	ng/ul	885036	4	17.380	4731890	20.0
p-Hydroxybiphenyl	16.633	10.5	ng/ul	2491410	4	17.380	4731890	20.0
Dibenzothiophene	17.198	2.3	ng/ul	552069	4	17.380	4731890	20.0
4-Cyclohepta-2,...	17.268	2.0	ng/ul	477870	4	17.380	4731890	20.0
Dibenzo-p-dioxin	17.939	12.5	ng/ul	2952500	4	17.380	4731890	20.0
n-Hexadecanoic ...	18.274	2.3	ng/ul	538432	4	17.380	4731890	20.0
4-Methylcarbazole	18.298	2.5	ng/ul	595977	4	17.380	4731890	20.0
2-Hydroxyfluorene	18.374	2.3	ng/ul	545470	4	17.380	4731890	20.0
3-Methylcarbazole	18.692	2.6	ng/ul	612101	4	17.380	4731890	20.0
6(5H)-Phenanthr...	20.233	3.5	ng/ul	895753	5	21.556	5080530	20.0