LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030831.D
Acq On : 06 Jul 2021 22:09
Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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-BM070621.M
Title : SVOA CALIBRATION

Signal : TIC: BM030831.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.769	113	116	124	rVB	21043	32884	1.31%	0.116%
2	6.934	648	654	668	rVB	62751	120629	4.82%	0.426%
3	7.104	677	683	692	rBV	53697	92352	3.69%	0.326%
4	7.298	710	716	726	rBV	69672	119370	4.77%	0.422%
5	7.763	788	795	804	rBV	345508	555300	22.19%	1.962%
6	8.469	910	915	927	rBV2	66736	118546	4.74%	0.419%
7	8.922	986	992	1000	rBV	56611	101413	4.05%	0.358%
8	9.645	1109	1115	1126	rBV	39304	72319	2.89%	0.255%
9	10.186	1200	1207	1220	rBV2	46834	107310	4.29%	0.379%
10	10.551	1260	1269	1275	rBV	432620	753842	30.13%	2.663%
11	10.704	1289	1295	1311	rBV	39683	100413	4.01%	0.355%
12	13.563	1774	1781	1782	rBV2	20605	33318	1.33%	0.118%
13	13.716	1802	1807	1813	rBV	38548	64577	2.58%	0.228%
14	13.810	1818	1823	1827	rVV	120289	177087	7.08%	0.626%
15	13.857	1827	1831	1839	rVB	49967	77982	3.12%	0.275%
16	13.951	1843	1847	1851	rBV2	18849	29390	1.17%	0.104%
17	14.086	1862	1870	1883	rBV2	141065	261931	10.47%	0.925%
18	14.392	1914	1922	1928	rVV	619099	927034	37.05%	3.275%
19	14.457	1928	1933	1943	rVV	162029	254799	10.18%	0.900%
20	14.627	1951	1962	1968	rBV5	14289	45786	1.83%	0.162%
21	14.798	1985	1991	1998	rVV	45522	76032	3.04%	0.269%
22	14.868	1998	2003	2009	rVB	25160	37138	1.48%	0.131%
23	15.010	2021	2027	2032	rBV4	18062	34252	1.37%	0.121%
24	15.068	2032	2037	2048	rVB	21558	34738	1.39%	0.123%
25	15.180	2048	2056	2060	rBV5	18781	39438	1.58%	0.139%
26	15.386	2085	2091	2096	rVV	196846	297261	11.88%	1.050%
27	15.439	2096	2100	2111	rVV2	176130	282101	11.27%	0.997%
28	15.533	2111	2116	2119	rVV4	26717	54113	2.16%	0.191%
29	15.562	2119	2121	2125	rVV2	17271	27514	1.10%	0.097%
30	15.604	2125	2128	2133	rVV2	33808	48436	1.94%	0.171%
31	15.651	2133	2136	2139	rVV2	20111	28925	1.16%	0.102%
32	15.692	2139	2143	2146	rVV2	31325	47003	1.88%	0.166%
33	15.739	2146	2151	2160	rVB	65254	100686	4.02%	0.356%
34	15.886	2166	2176	2184	rBV	61206	138787	5.55%	0.490%
35	16.445	2262	2271	2276	rBV2	55718	114486	4.58%	0.404%
36	16.492	2276	2279	2285	rVV2	23906	38012	1.52%	0.134%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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-BM070621.M
Title : SVOA CALIBRATION

37	16.592	2290	2296	2301	rVV	27481	44805	1.79%	0.158%
38	16.668	2302	2309	2313	rVV3	43160	78046	3.12%	0.276%
39	16.709	2313	2316	2320	rVV	38980	62371	2.49%	0.220%
40	16.798	2327	2331	2337	rVV5	26818	48764	1.95%	0.172%
41	16.868	2337	2343	2350	rVV3	42383	91992	3.68%	0.325%
42	16.957	2353	2358	2366	rVB	78503	129010	5.16%	0.456%
43	17.133	2382	2388	2391	rBV	671720	957511	38.27%	3.382%
44	17.174	2391	2395	2401	rVV	1530951	2120990	84.77%	7.493%
45	17.233	2401	2405	2407	rVV2	211195	299649	11.98%	1.059%
46	17.268	2407	2411	2416	rVV	472659	699273	27.95%	2.470%
47	17.321	2416	2420	2426	rVV2	25360	56559	2.26%	0.200%
48	17.568	2454	2462	2470	rVV5	22619	57036	2.28%	0.201%
49	17.651	2473	2476	2483	rVV	26625	39901	1.59%	0.141%
50	17.715	2484	2487	2496	rVB6	14349	36630	1.46%	0.129%
51	18.004	2531	2536	2541	rBV	163207	290092	11.59%	1.025%
52	18.051	2541	2544	2553	rVV	242455	361117	14.43%	1.276%
53	18.133	2553	2558	2564	rVV	138596	213491	8.53%	0.754%
54	18.203	2564	2570	2574	rVV2	275093	506457	20.24%	1.789%
55	18.239	2574	2576	2584	rVV	117587	143093	5.72%	0.505%
56	18.509	2617	2622	2628	rVB	127580	179945	7.19%	0.636%
57	18.751	2659	2663	2667	rBV2	33241	44100	1.76%	0.156%
58	18.803	2667	2672	2675	rBV	37569	44547	1.78%	0.157%
59	18.839	2675	2678	2683	rVB	31358	45766	1.83%	0.162%
60	18.921	2683	2692	2697	rBV2	90778	179256	7.16%	0.633%
61	18.992	2697	2704	2706	rBV3	52586	92458	3.70%	0.327%
62	19.056	2712	2715	2718	rBV	30275	43134	1.72%	0.152%
63	19.186	2731	2737	2744	rBV	1715859	2334877	93.31%	8.248%
64	19.250	2744	2748	2751	rVV2	29233	40392	1.61%	0.143%
65	19.292	2751	2755	2759	rVV3	29177	53046	2.12%	0.187%
66	19.339	2759	2763	2767	rVB	80062	107204	4.28%	0.379%
67	19.427	2773	2778	2788	rVB3	37564	80406	3.21%	0.284%
68	19.521	2788	2794	2796	rBV3	581844	903056	36.09%	3.190%
69	19.550	2796	2799	2807	rVV	1068988	1476743	59.02%	5.217%
70	19.621	2807	2811	2818	rVB2	84704	134528	5.38%	0.475%
71	19.727	2824	2829	2836	rVB	99128	141326	5.65%	0.499%
72	19.868	2847	2853	2862	rBV3	100146	272567	10.89%	0.963%
73	20.009	2871	2877	2878	rBV2	71438	109585	4.38%	0.387%
74	20.045	2879	2883	2890	rVB	308125	428004	17.11%	1.512%
75	20.145	2895	2900	2904	rVV2	324933	447165	17.87%	1.580%
76	20.197	2904	2909	2914	rVV3	142912	270394	10.81%	0.955%

LSC Area Percent Report

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Acq On : 06 Jul 2021 22:09
Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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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Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Title : SVOA CALIBRATION

77	20.239	2914	2916	2920	rVV5	29021	35027	1.40%	0.124%
78	20.297	2920	2926	2929	rVV2	57996	119298	4.77%	0.421%
79	20.339	2930	2933	2937	rVV	65659	105074	4.20%	0.371%
80	20.386	2937	2941	2950	rVB3	85844	176664	7.06%	0.624%
81	20.515	2959	2963	2968	rVB	148035	165908	6.63%	0.586%
82	20.568	2969	2972	2974	rBV	23706	28295	1.13%	0.100%
83	20.633	2980	2983	2985	rBV4	30370	34815	1.39%	0.123%
84	20.745	2998	3002	3007	rBV2	62387	114848	4.59%	0.406%
85	20.950	3034	3037	3040	rBV	71670	93570	3.74%	0.331%
86	20.986	3040	3043	3047	rVV	119743	164395	6.57%	0.581%
87	21.027	3047	3050	3055	rVB2	80811	132266	5.29%	0.467%
88	21.292	3089	3095	3100	rBV2	1231289	2502170	100.00%	8.839%
89	21.339	3100	3103	3112	rVB	688200	873714	34.92%	3.086%
90	21.456	3119	3123	3129	rBV	104666	166979	6.67%	0.590%
91	21.850	3186	3190	3194	rVB	123172	155248	6.20%	0.548%
92	22.003	3213	3216	3220	rVB2	75150	85692	3.42%	0.303%
93	22.080	3226	3229	3235	rVB3	99681	154733	6.18%	0.547%
94	22.874	3357	3364	3369	rBV	474125	1208297	48.29%	4.268%
95	23.044	3389	3393	3399	rVB	141014	227800	9.10%	0.805%
96	23.350	3441	3445	3449	rBV2	123048	201493	8.05%	0.712%
97	23.403	3451	3454	3457	rVV2	125145	211979	8.47%	0.749%
98	23.444	3457	3461	3469	rVB	328436	626729	25.05%	2.214%
99	23.544	3472	3478	3485	rBV2	586665	1116715	44.63%	3.945%
100	25.815	3858	3864	3873	rVB3	175468	495794	19.81%	1.751%

Sum of corrected areas: 28307993

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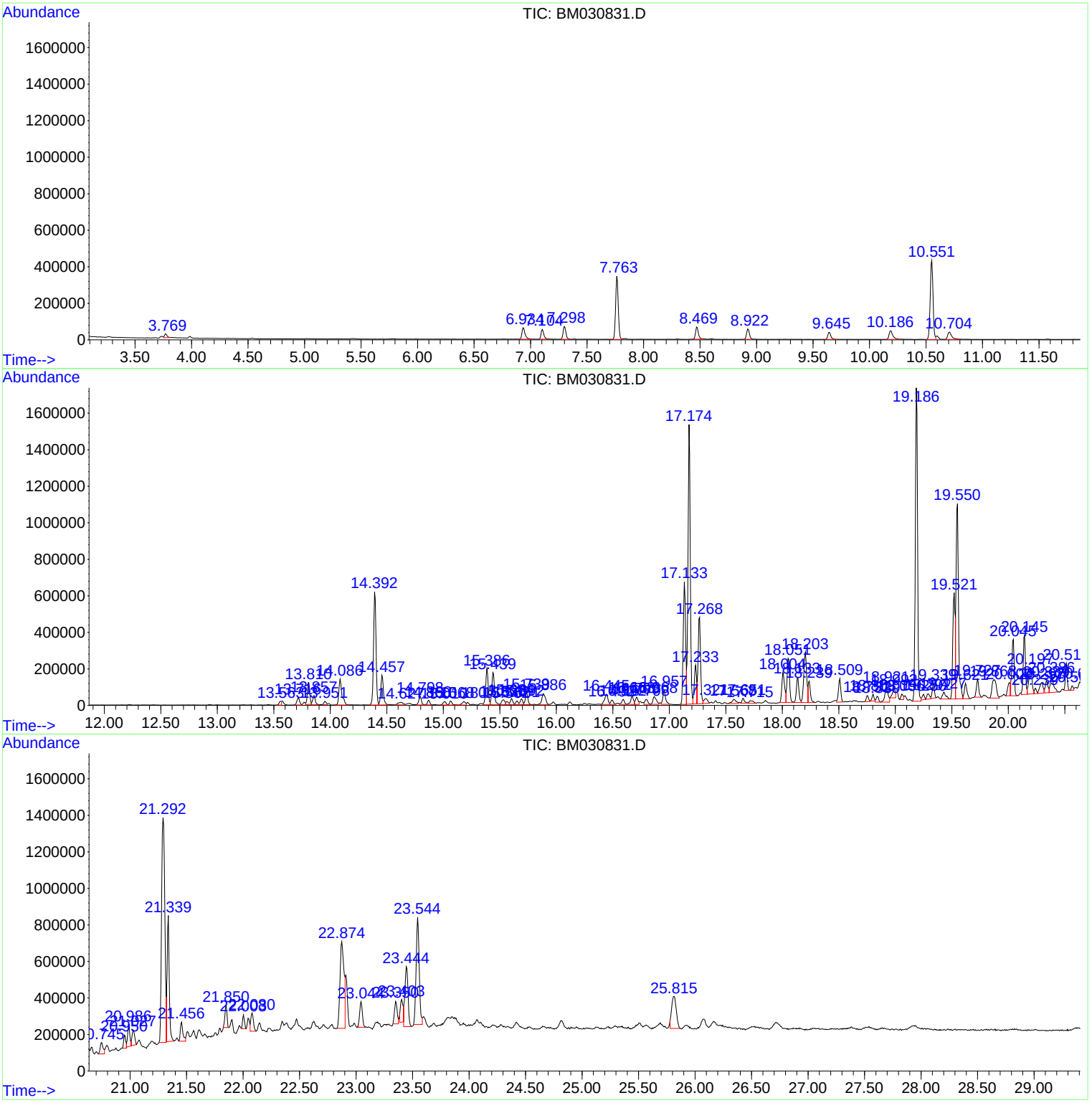
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030831.D
Acq On : 06 Jul 2021 22:09
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Instrument :
BNA_M
ClientSampleId :
BGDX1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

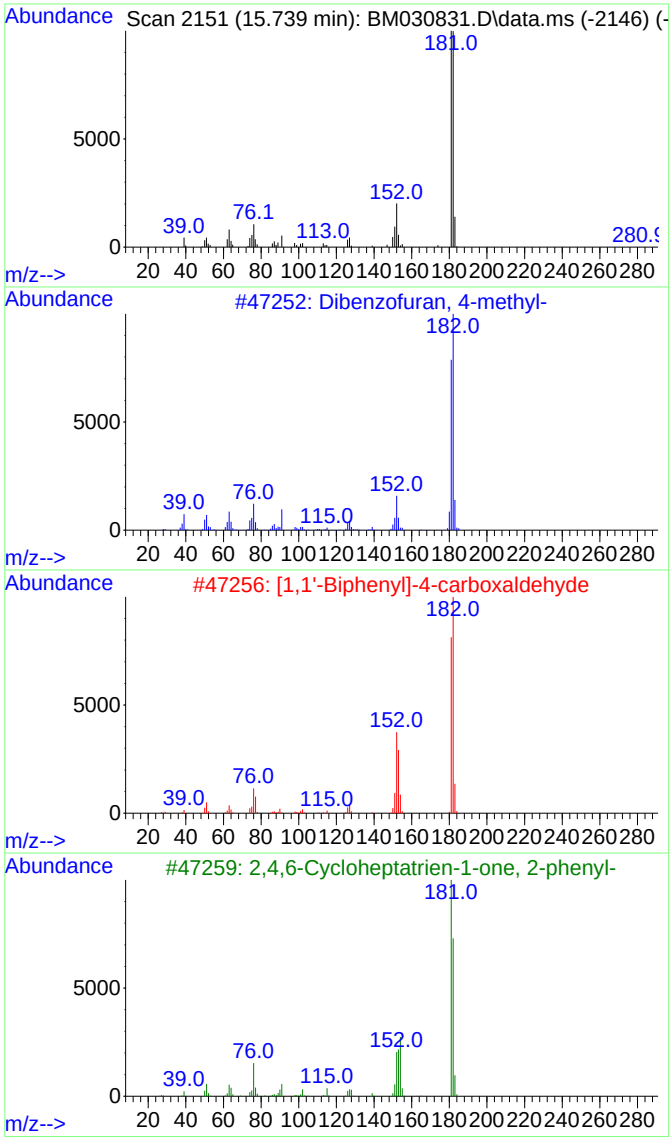
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

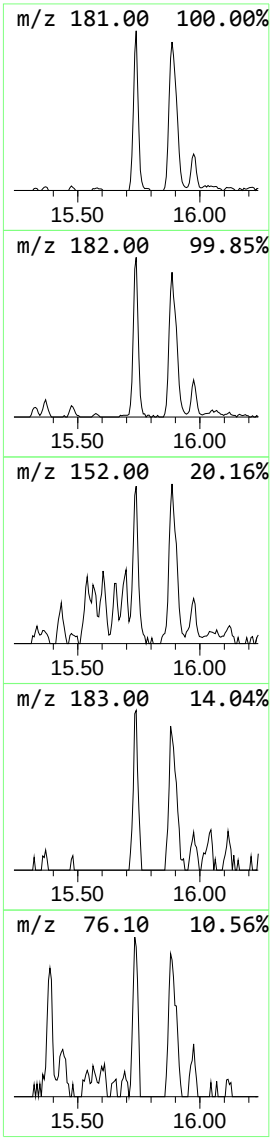
****

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.740	2.17 ng/ul	100686	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
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Acq On : 06 Jul 2021 22:09
Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX1DL

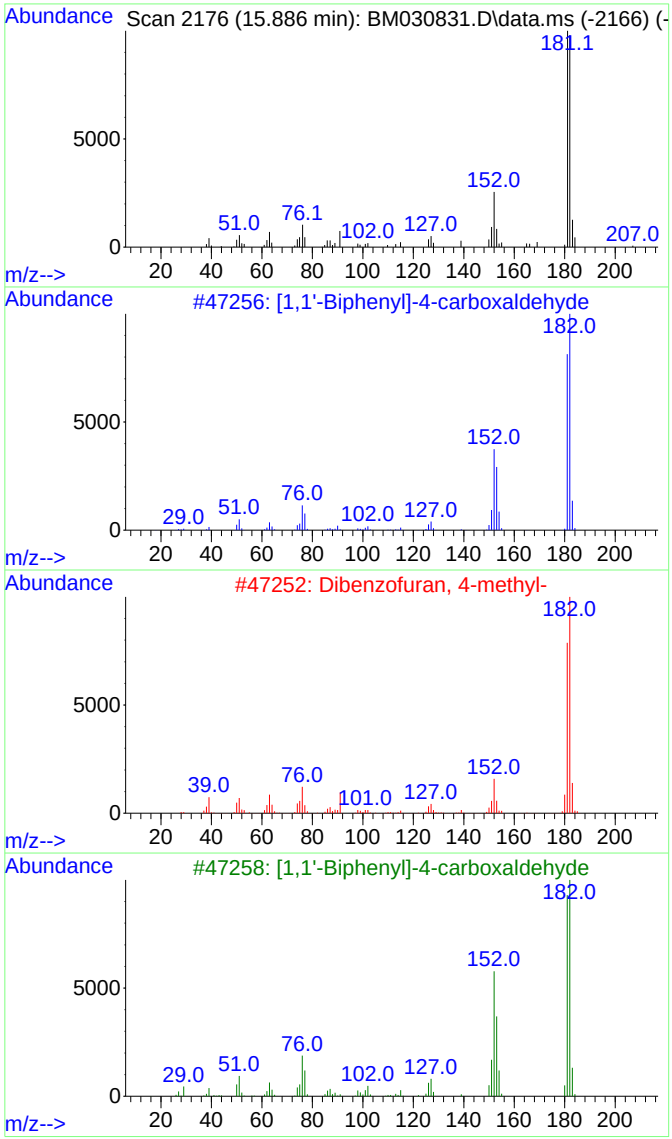
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

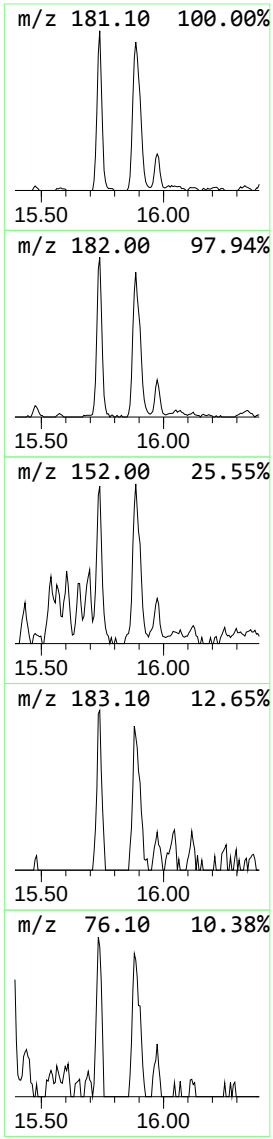
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.890	2.90 ng/ul	138787	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

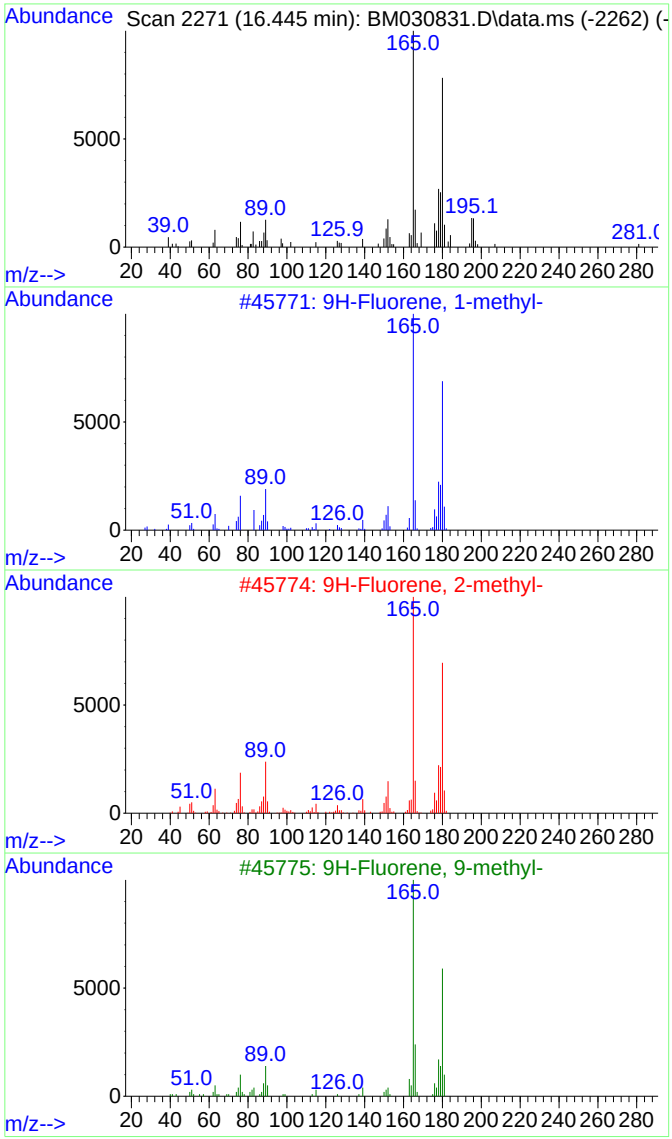
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

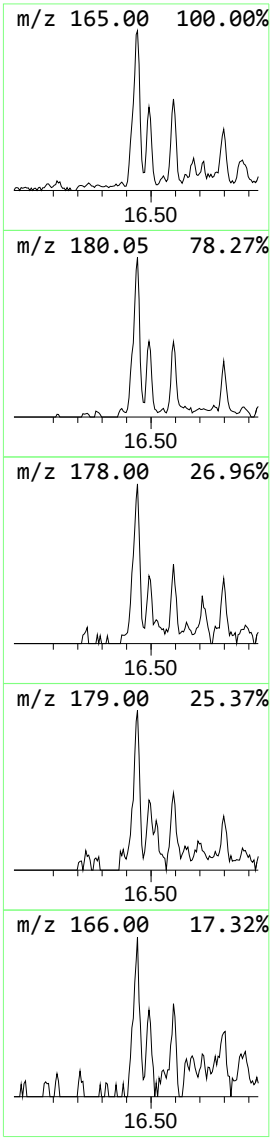
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.440	2.39 ng/ul	114486	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	96
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	93
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
5	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030831.D
Acq On : 06 Jul 2021 22:09
Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

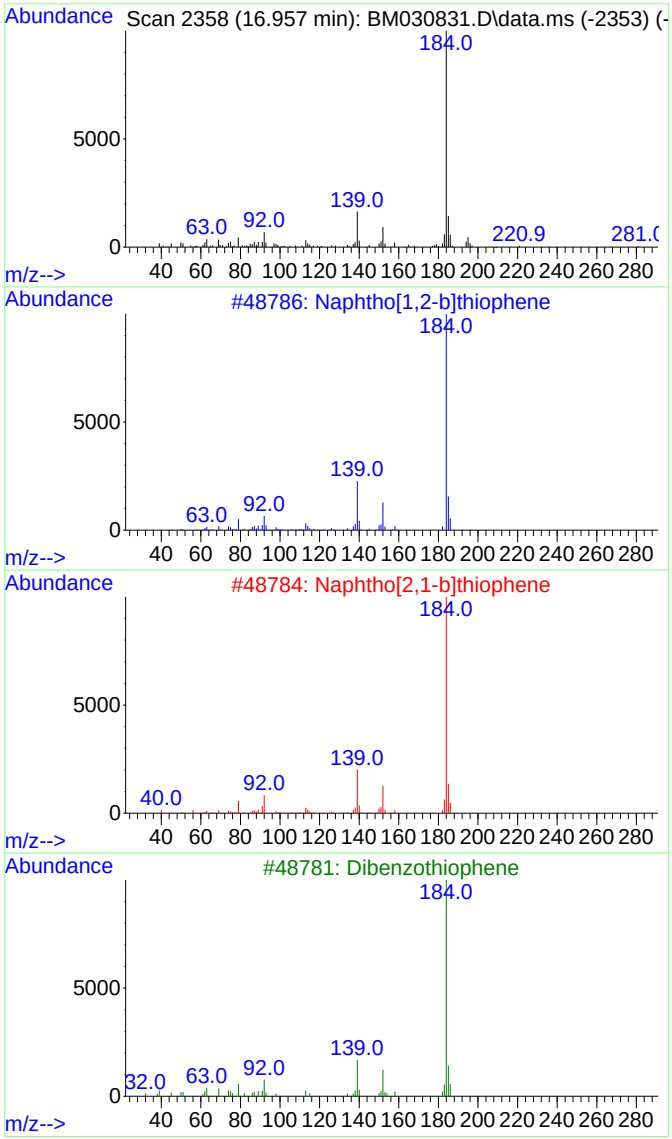
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

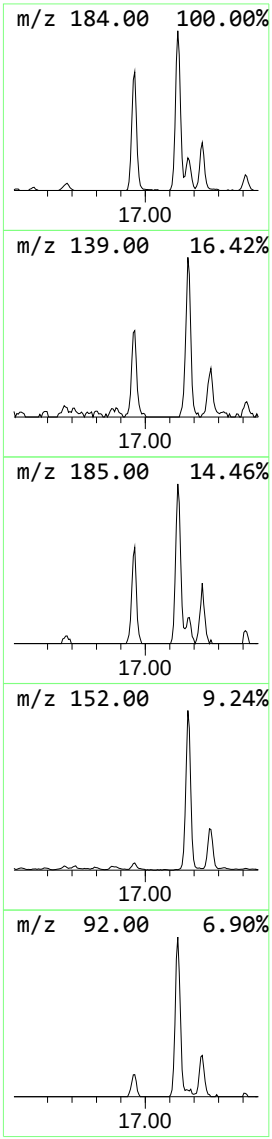
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.960	2.69 ng/ul	129010	Phenanthrene-d10	17.133

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	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	96
4	Dibenzothiophene	184	C12H8S	000132-65-0	96
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94





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Data File : BM030831.D
Acq On : 06 Jul 2021 22:09
Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

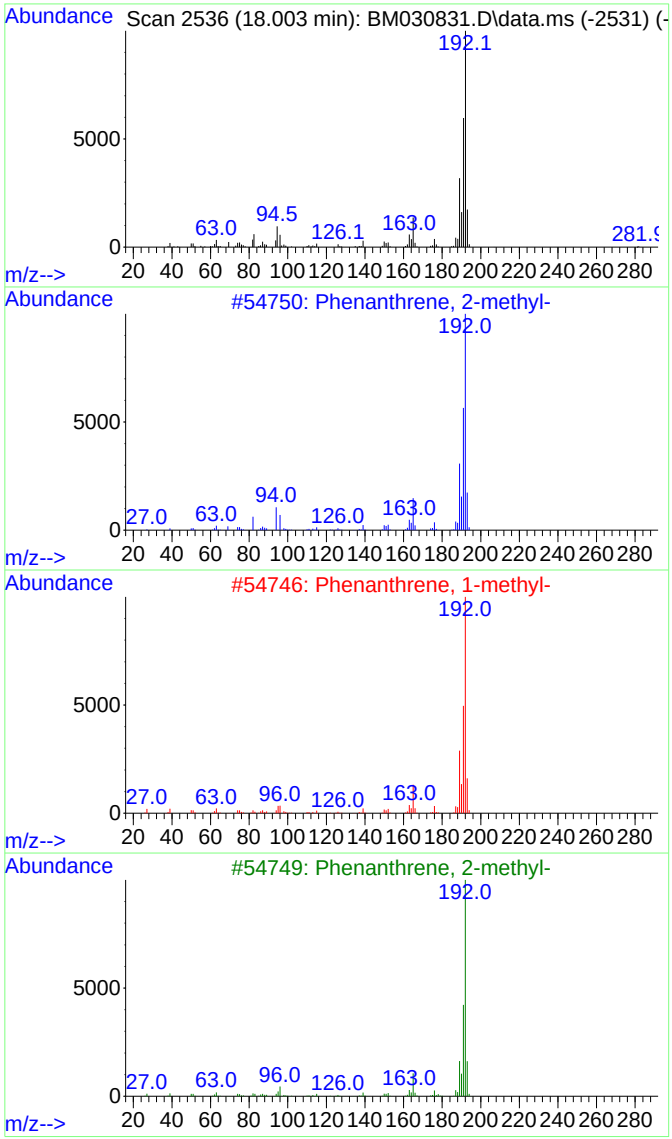
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

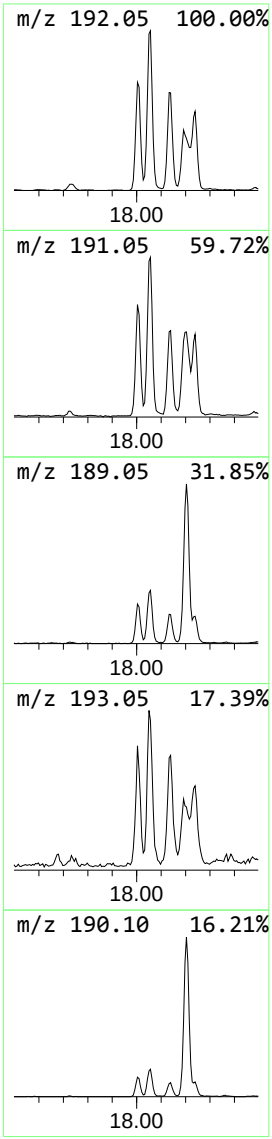
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.000	6.06 ng/ul	290092	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 06 Jul 2021 22:09
Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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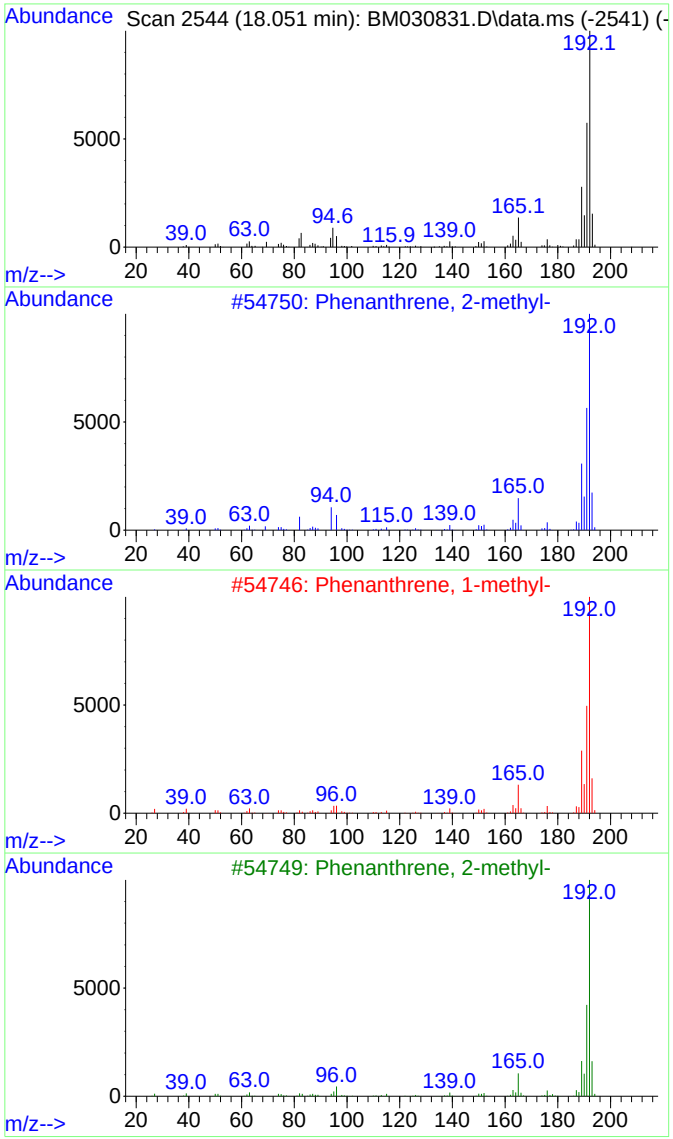
Quant Title : SVOA CALIBRATION

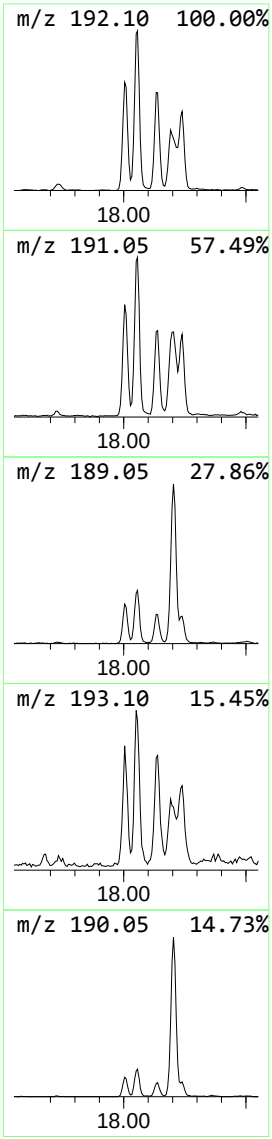
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	7.54 ng/ul	361117	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

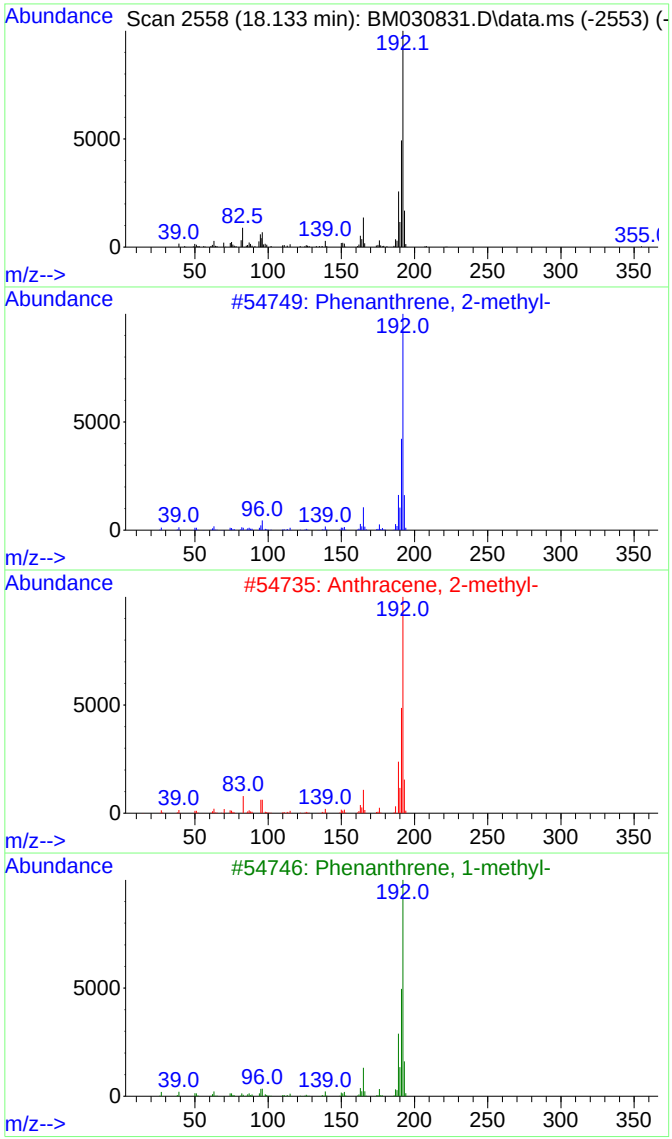
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

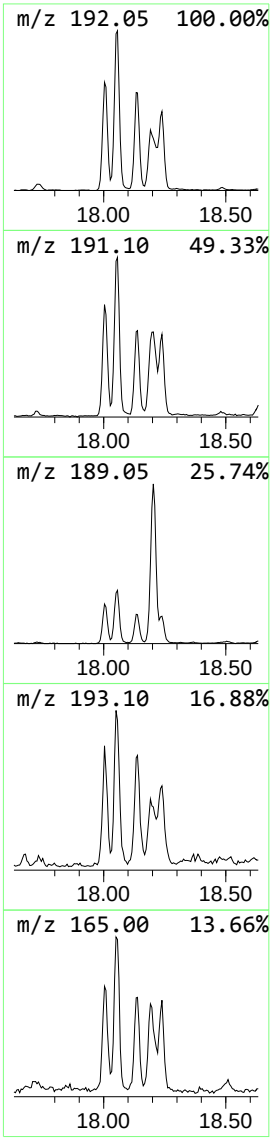
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	4.46 ng/ul	213491	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95





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Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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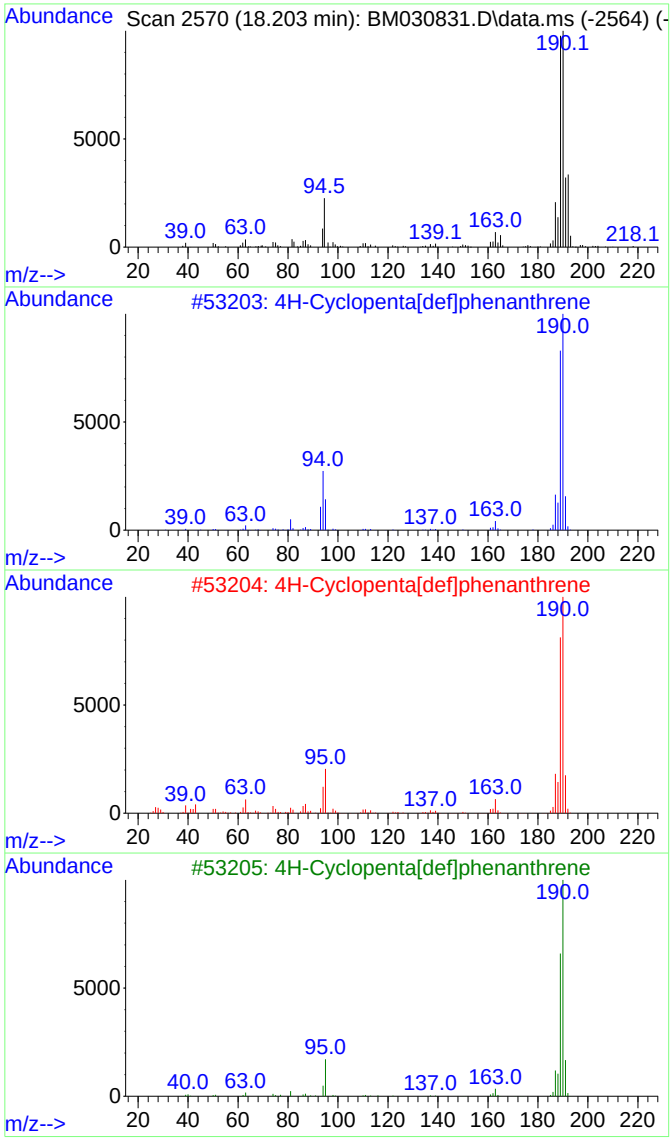
Quant Title : SVOA CALIBRATION

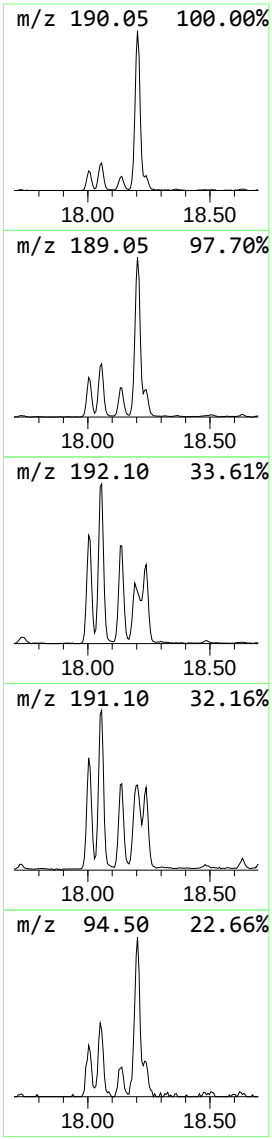
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.200	10.58 ng/ul	506457	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50





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Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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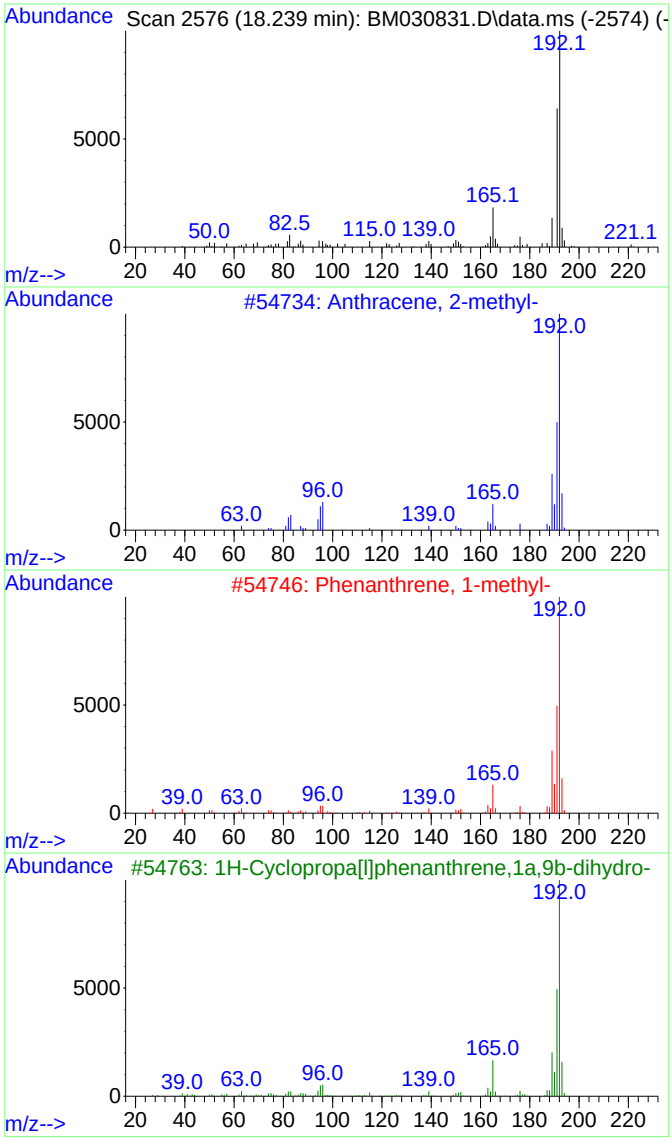
Quant Title : SVOA CALIBRATION

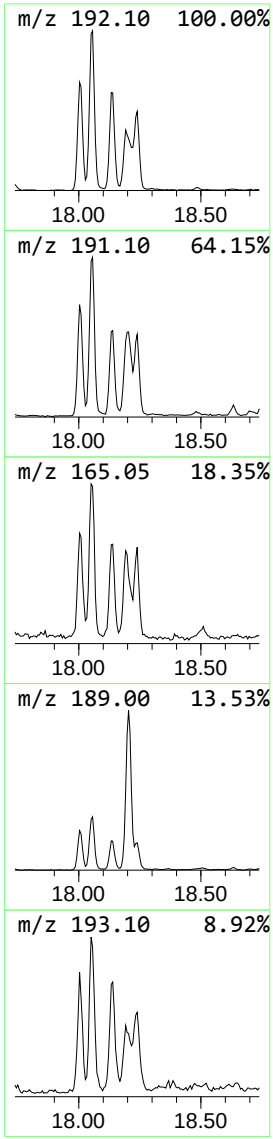
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	2.99 ng/ul	143093	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80





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Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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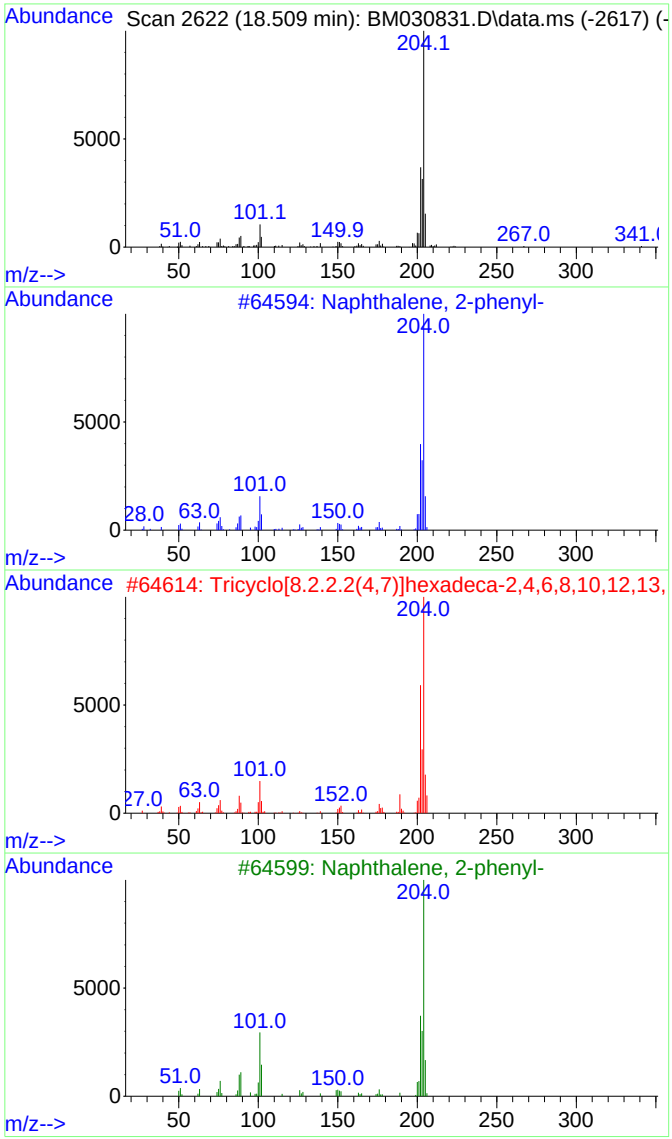
Quant Title : SVOA CALIBRATION

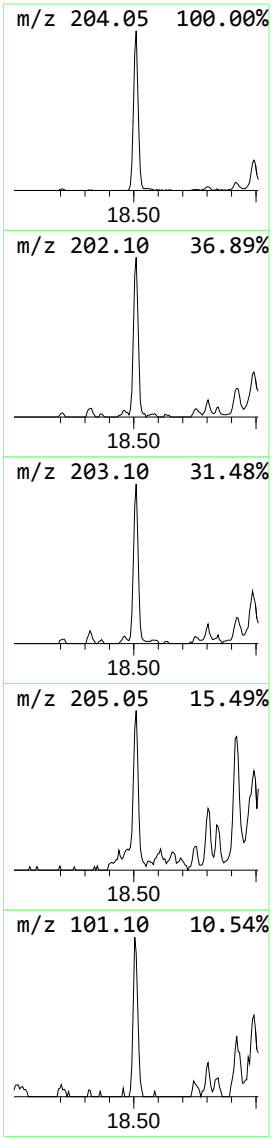
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	3.76 ng/ul	179945	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	87
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	78
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	68





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Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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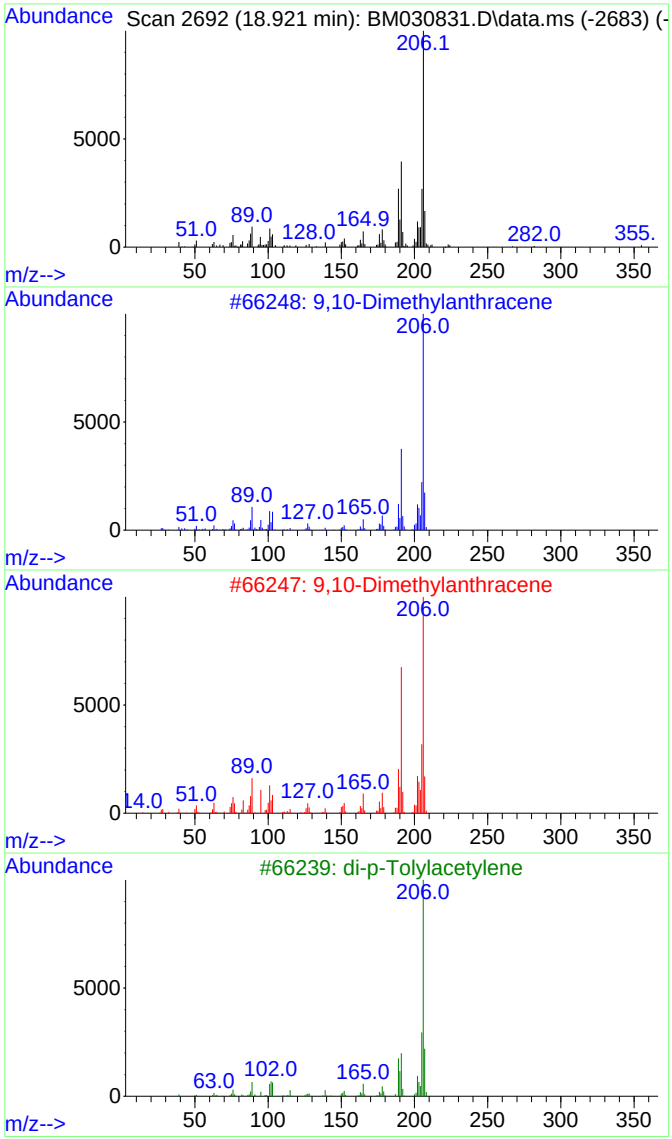
Quant Title : SVOA CALIBRATION

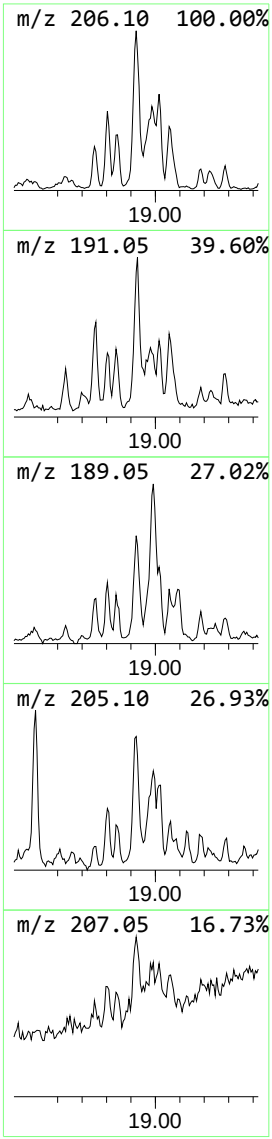
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.920	3.74 ng/ul	179256	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93





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Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX1DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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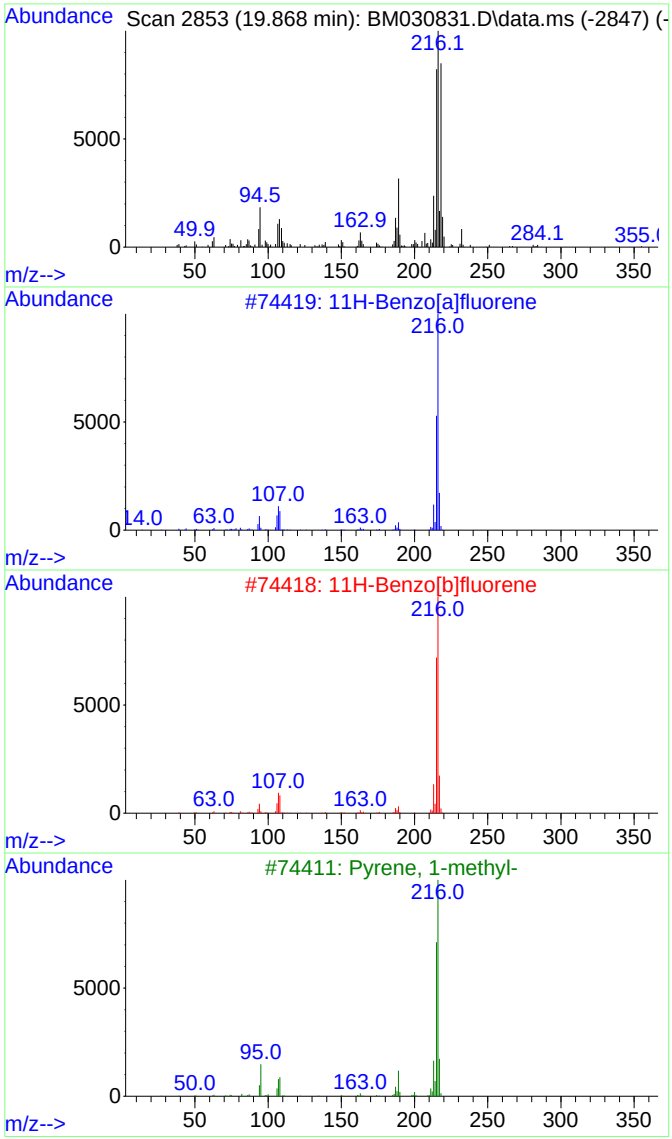
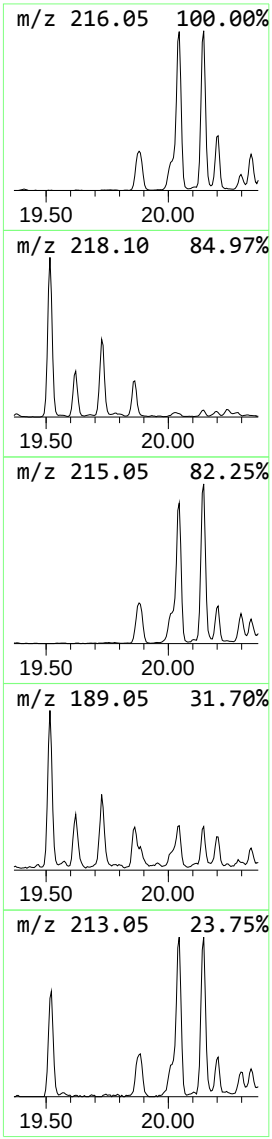
Peak Number 12 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.870	2.18 ng/ul	272567	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86





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Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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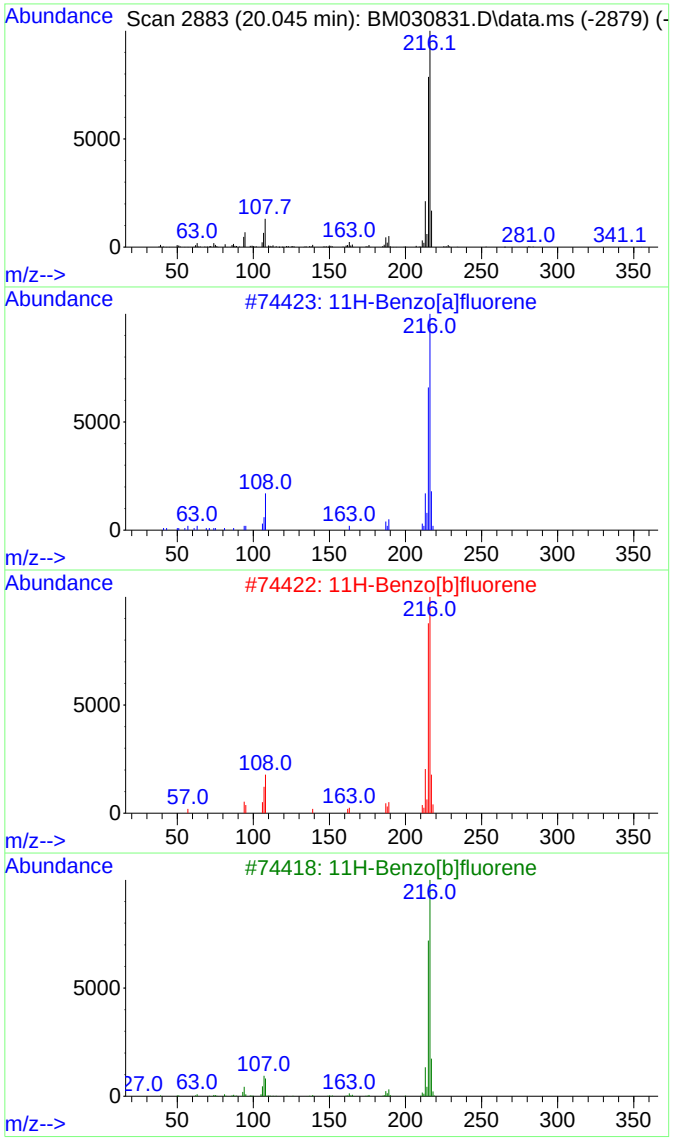
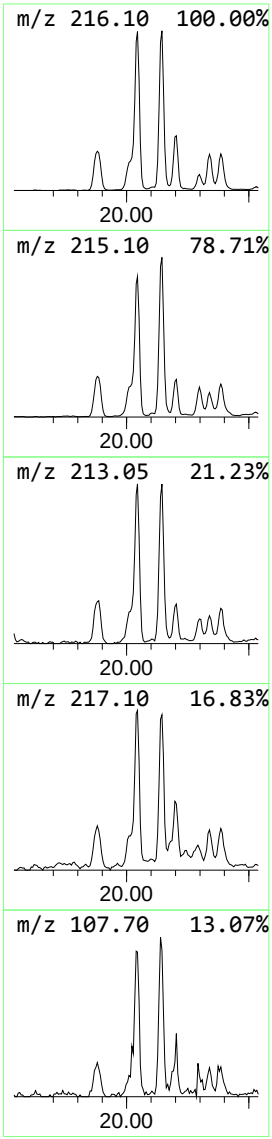
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.040	3.42 ng/ul	428004	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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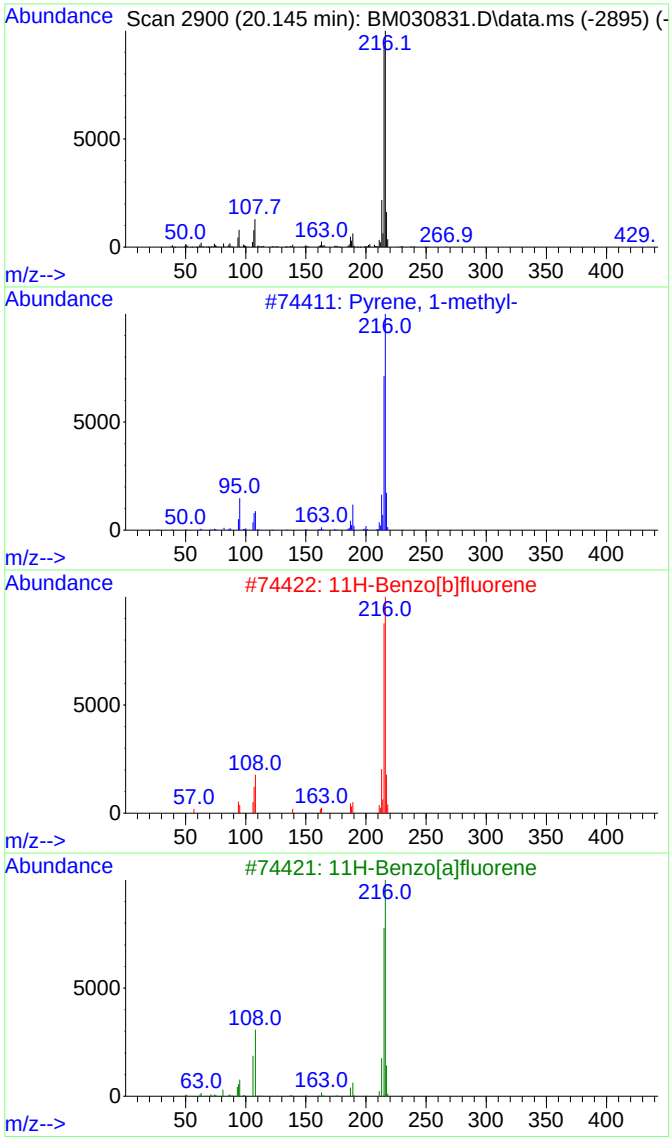
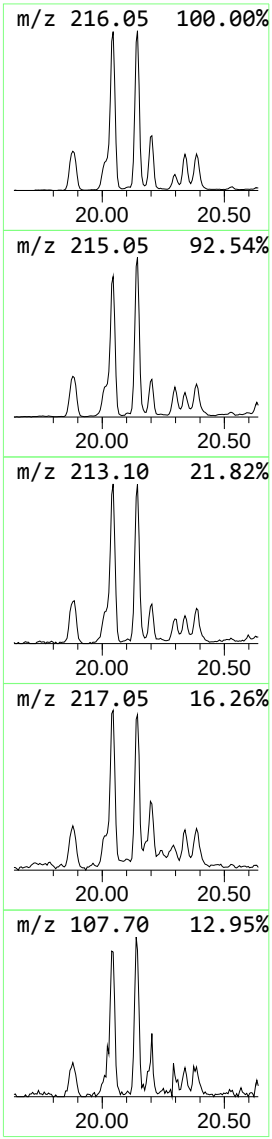
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.140	3.57 ng/ul	447165	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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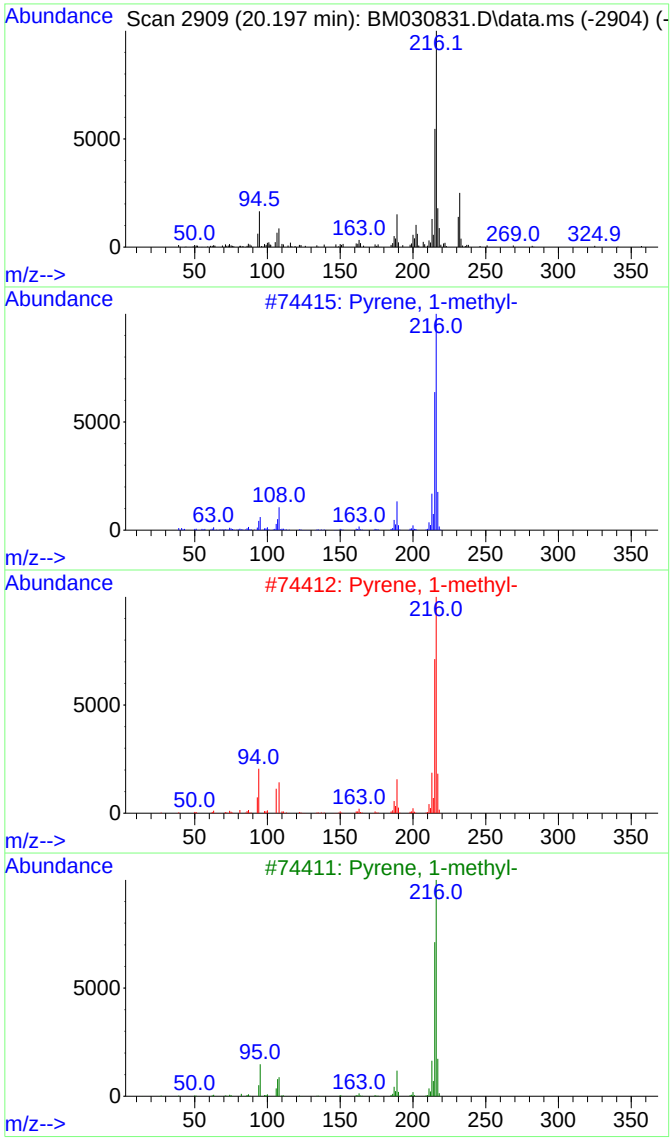
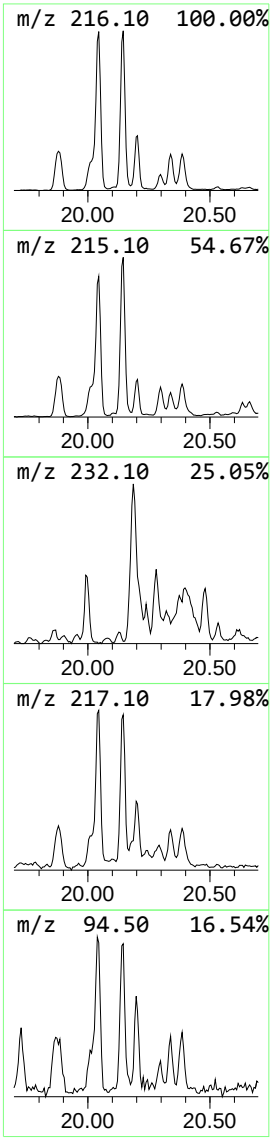
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.200	2.16 ng/ul	270394	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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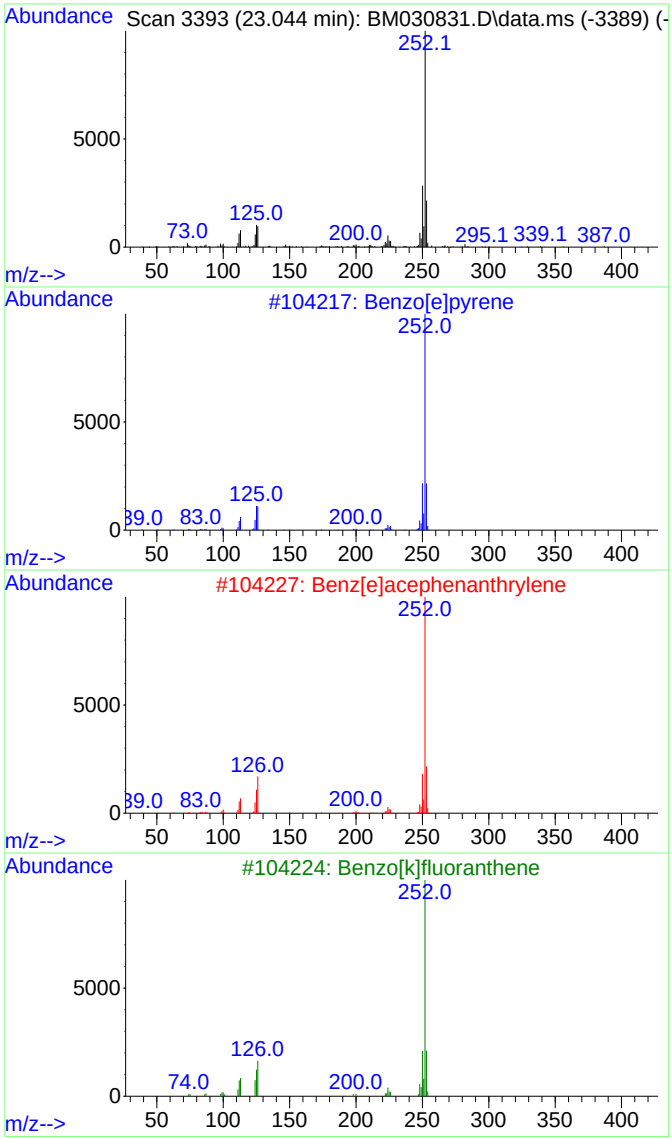
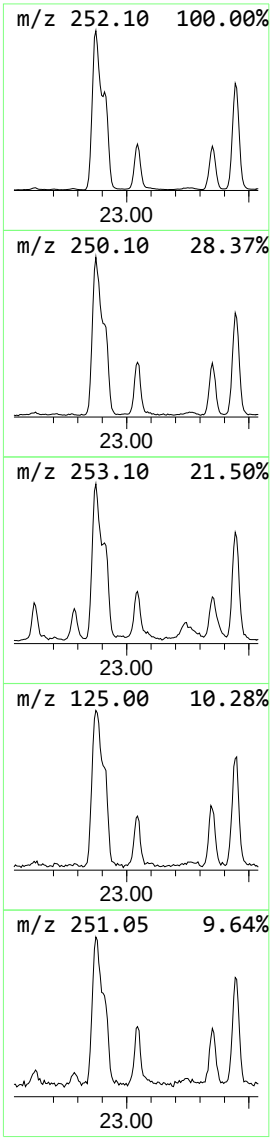
Peak Number 16 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.040	4.08 ng/ul	227800	Perylene-d12	23.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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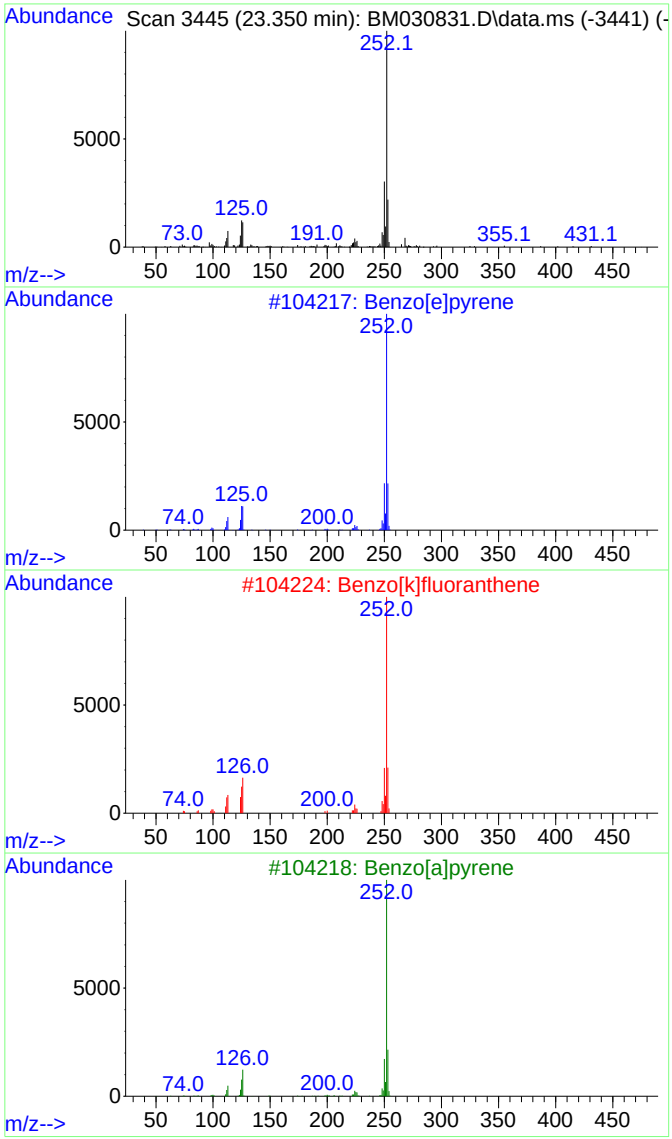
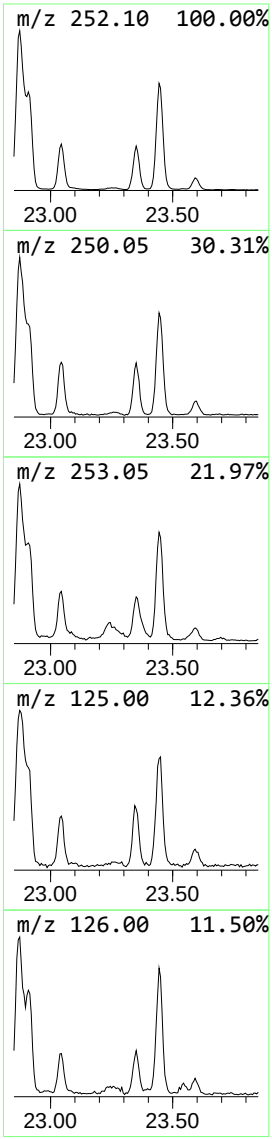
Peak Number 17 Benzo[j]fluoranthene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.350	3.61 ng/ul	201493	Perylene-d12	23.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	96
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030831.D
Acq On : 06 Jul 2021 22:09
Operator : CG/JU
Sample : M2869-03DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX1DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Dibenzofuran, 4...	15.740	2.2	ng/ul	100686	3	14.392	927034	20.0
[1,1'-Biphenyl]...	15.890	2.9	ng/ul	138787	4	17.133	957511	20.0
9H-Fluorene, 1-...	16.440	2.4	ng/ul	114486	4	17.133	957511	20.0
Naphtho[1,2-b]t...	16.960	2.7	ng/ul	129010	4	17.133	957511	20.0
Phenanthrene, 2...	18.000	6.1	ng/ul	290092	4	17.133	957511	20.0
Phenanthrene, 1...	18.050	7.5	ng/ul	361117	4	17.133	957511	20.0
Anthracene, 2-m...	18.130	4.5	ng/ul	213491	4	17.133	957511	20.0
4H-Cyclopenta[d...	18.200	10.6	ng/ul	506457	4	17.133	957511	20.0
1H-Cyclopropa[l...	18.240	3.0	ng/ul	143093	4	17.133	957511	20.0
Naphthalene, 2-...	18.510	3.8	ng/ul	179945	4	17.133	957511	20.0
9,10-Dimethylan...	18.920	3.7	ng/ul	179256	4	17.133	957511	20.0
11H-Benzo[a]flu...	19.870	2.2	ng/ul	272567	5	21.303	2502170	20.0
11H-Benzo[b]flu...	20.040	3.4	ng/ul	428004	5	21.303	2502170	20.0
Pyrene, 1-methyl-	20.140	3.6	ng/ul	447165	5	21.303	2502170	20.0
Pyrene, 2-methyl-	20.200	2.2	ng/ul	270394	5	21.303	2502170	20.0
Benzo[e]pyrene	23.040	4.1	ng/ul	227800	6	23.544	1116720	20.0
Benzo[j]fluoran...	23.350	3.6	ng/ul	201493	6	23.544	1116720	20.0