LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030848.D
Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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: BM030848.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.769	112	116	123	rVV	44464	66301	1.97%	0.170%
2	6.934	647	654	663	rBV	90473	158686	4.71%	0.406%
3	7.099	677	682	694	rBV	76391	129712	3.85%	0.332%
4	7.299	709	716	725	rBV	102549	173389	5.15%	0.443%
5	7.763	787	795	803	rBV	425037	687614	20.41%	1.758%
6	8.469	909	915	925	rVB	90823	159628	4.74%	0.408%
7	8.922	985	992	998	rBV	83708	148157	4.40%	0.379%
8	9.640	1107	1114	1123	rBV	65496	115432	3.43%	0.295%
9	10.175	1198	1205	1218	rBV	84930	170910	5.07%	0.437%
10	10.545	1259	1268	1274	rBV	558866	949644	28.19%	2.428%
11	10.598	1274	1277	1283	rVV	64501	97868	2.91%	0.250%
12	10.698	1287	1294	1313	rVB	57620	136395	4.05%	0.349%
13	13.716	1800	1807	1812	rBV	69586	123554	3.67%	0.316%
14	13.769	1812	1816	1818	rVV	46148	68208	2.02%	0.174%
15	13.804	1818	1822	1827	rVV	192066	269168	7.99%	0.688%
16	13.951	1838	1847	1850	rVV	32138	54354	1.61%	0.139%
17	14.086	1864	1870	1872	rBV	204878	317708	9.43%	0.812%
18	14.110	1872	1874	1885	rVB	161222	231525	6.87%	0.592%
19	14.392	1911	1922	1928	rBV	750838	1152973	34.23%	2.948%
20	14.457	1928	1933	1941	rVV	75427	132187	3.92%	0.338%
21	14.616	1952	1960	1968	rBV6	20836	57414	1.70%	0.147%
22	14.792	1978	1990	1998	rVV	122516	201522	5.98%	0.515%
23	14.869	1998	2003	2008	rVV	46992	65429	1.94%	0.167%
24	15.010	2020	2027	2031	rBV3	36571	68842	2.04%	0.176%
25	15.063	2031	2036	2043	rVB	36670	52582	1.56%	0.134%
26	15.180	2049	2056	2059	rBV2	30846	60486	1.80%	0.155%
27	15.386	2083	2091	2095	rVV	282899	443429	13.16%	1.134%
28	15.439	2095	2100	2109	rVV2	253084	414684	12.31%	1.060%
29	15.522	2109	2114	2118	rVV3	32115	60891	1.81%	0.156%
30	15.733	2145	2150	2158	rVB	104774	150650	4.47%	0.385%
31	15.880	2166	2175	2184	rBV	107643	221550	6.58%	0.566%
32	16.116	2208	2215	2220	rBV5	31031	55392	1.64%	0.142%
33	16.439	2261	2270	2275	rVV2	81383	169996	5.05%	0.435%
34	16.486	2275	2278	2284	rVV	32281	55198	1.64%	0.141%
35	16.592	2291	2296	2301	rVV2	36798	58086	1.72%	0.148%
36	16.669	2301	2309	2313	rVV2	70460	123865	3.68%	0.317%

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Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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	16.710	2313	2316	2319	rVV	59885	84617	2.51%	0.216%
38	16.792	2326	2330	2336	rVV2	38502	69401	2.06%	0.177%
39	16.863	2336	2342	2349	rVV	67086	141396	4.20%	0.361%
40	16.951	2353	2357	2367	rVB	103677	162424	4.82%	0.415%
41	17.133	2381	2388	2391	rBV	751942	1162798	34.52%	2.973%
42	17.174	2391	2395	2400	rVV	2096542	2808274	83.36%	7.179%
43	17.227	2400	2404	2407	rVV	282571	441820	13.12%	1.130%
44	17.263	2407	2410	2416	rVV	575745	791113	23.48%	2.023%
45	17.316	2416	2419	2425	rVV3	36359	69943	2.08%	0.179%
46	17.568	2459	2462	2469	rVV3	29064	63239	1.88%	0.162%
47	17.651	2469	2476	2482	rVV3	45113	82158	2.44%	0.210%
48	17.715	2482	2487	2495	rVB6	23934	57181	1.70%	0.146%
49	18.004	2530	2536	2540	rVV	245447	375827	11.16%	0.961%
50	18.051	2540	2544	2551	rVB	339146	480004	14.25%	1.227%
51	18.133	2551	2558	2563	rBV	145531	208033	6.18%	0.532%
52	18.198	2563	2569	2573	rVV2	372436	669943	19.89%	1.713%
53	18.233	2573	2575	2584	rVB	151622	198079	5.88%	0.506%
54	18.457	2607	2613	2617	rBV	77831	119818	3.56%	0.306%
55	18.504	2617	2621	2625	rVV	181577	248759	7.38%	0.636%
56	18.551	2625	2629	2633	rVB	45275	59746	1.77%	0.153%
57	18.751	2659	2663	2667	rBV2	39484	48553	1.44%	0.124%
58	18.804	2667	2672	2675	rBV	47293	61005	1.81%	0.156%
59	18.839	2675	2678	2683	rVB	45916	62258	1.85%	0.159%
60	18.921	2683	2692	2698	rBV2	114302	262280	7.79%	0.671%
61	18.986	2698	2703	2706	rBV2	51159	76204	2.26%	0.195%
62	19.057	2711	2715	2725	rVB3	62810	145065	4.31%	0.371%
63	19.186	2731	2737	2743	rBV	2604819	3368661	100.00%	8.612%
64	19.251	2744	2748	2750	rVV	37919	47699	1.42%	0.122%
65	19.286	2750	2754	2758	rVV	52283	80967	2.40%	0.207%
66	19.333	2758	2762	2767	rVV	210594	291176	8.64%	0.744%
67	19.380	2767	2770	2772	rVV2	31047	45290	1.34%	0.116%
68	19.427	2773	2778	2787	rVV3	68024	153996	4.57%	0.394%
69	19.515	2787	2793	2795	rVV3	665702	941339	27.94%	2.407%
70	19.545	2795	2798	2807	rVV	1665813	2328184	69.11%	5.952%
71	19.615	2807	2810	2818	rVB2	110707	178997	5.31%	0.458%
72	19.727	2824	2829	2834	rVB	141435	189421	5.62%	0.484%
73	19.868	2847	2853	2860	rBV3	130650	341662	10.14%	0.873%
74	20.004	2871	2876	2878	rBV3	105178	174554	5.18%	0.446%
75	20.039	2878	2882	2889	rVB	364598	525711	15.61%	1.344%
76	20.139	2895	2899	2903	rBV	319147	410619	12.19%	1.050%

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Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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	20.198	2903	2909	2913	rVB3	170327	306927	9.11%	0.785%
78	20.280	2919	2923	2928	rBV3	41624	73746	2.19%	0.189%
79	20.339	2929	2933	2936	rVV	74320	98553	2.93%	0.252%
80	20.386	2937	2941	2946	rVB3	82217	120705	3.58%	0.309%
81	20.515	2958	2963	2967	rBV	1616878	1727342	51.28%	4.416%
82	20.745	2998	3002	3006	rBV2	54783	91427	2.71%	0.234%
83	20.786	3006	3009	3015	rVB3	64697	109352	3.25%	0.280%
84	20.951	3033	3037	3040	rBV	100935	129243	3.84%	0.330%
85	20.986	3040	3043	3046	rVV	154865	185467	5.51%	0.474%
86	21.033	3046	3051	3055	rVB2	111027	209569	6.22%	0.536%
87	21.292	3089	3095	3100	rBV3	1486423	2965302	88.03%	7.581%
88	21.339	3100	3103	3112	rVB	1020952	1248445	37.06%	3.192%
89	21.456	3119	3123	3127	rBV	120577	186964	5.55%	0.478%
90	21.503	3128	3131	3136	rVV	129386	174090	5.17%	0.445%
91	21.609	3146	3149	3155	rVB3	71775	112603	3.34%	0.288%
92	21.851	3186	3190	3193	rVB	161258	200969	5.97%	0.514%
93	22.045	3220	3223	3226	rBV2	74454	104920	3.11%	0.268%
94	22.874	3357	3364	3369	rBV	643947	1627414	48.31%	4.161%
95	23.045	3388	3393	3398	rBV	174514	282419	8.38%	0.722%
96	23.350	3441	3445	3449	rBV	169528	293434	8.71%	0.750%
97	23.403	3450	3454	3457	rVV	185050	329970	9.80%	0.844%
98	23.445	3457	3461	3469	rVB	479837	881901	26.18%	2.255%
99	23.545	3472	3478	3484	rBV2	649483	1266925	37.61%	3.239%
100	25.815	3857	3864	3876	rVB2	263098	756115	22.45%	1.933%

Sum of corrected areas: 39115445

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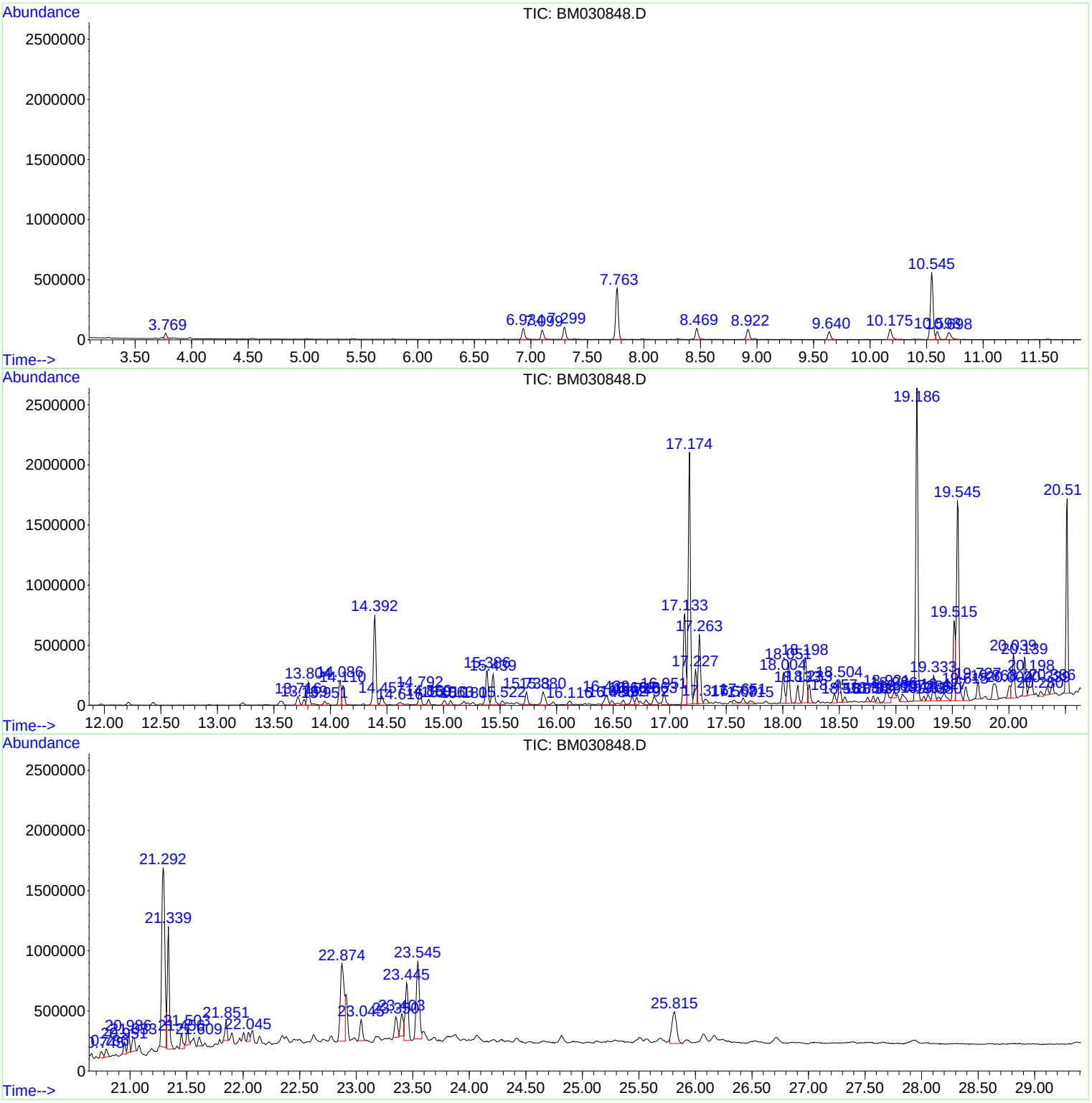
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS8DL

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\
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Acq On : 07 Jul 2021 09:06
Operator : CG/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

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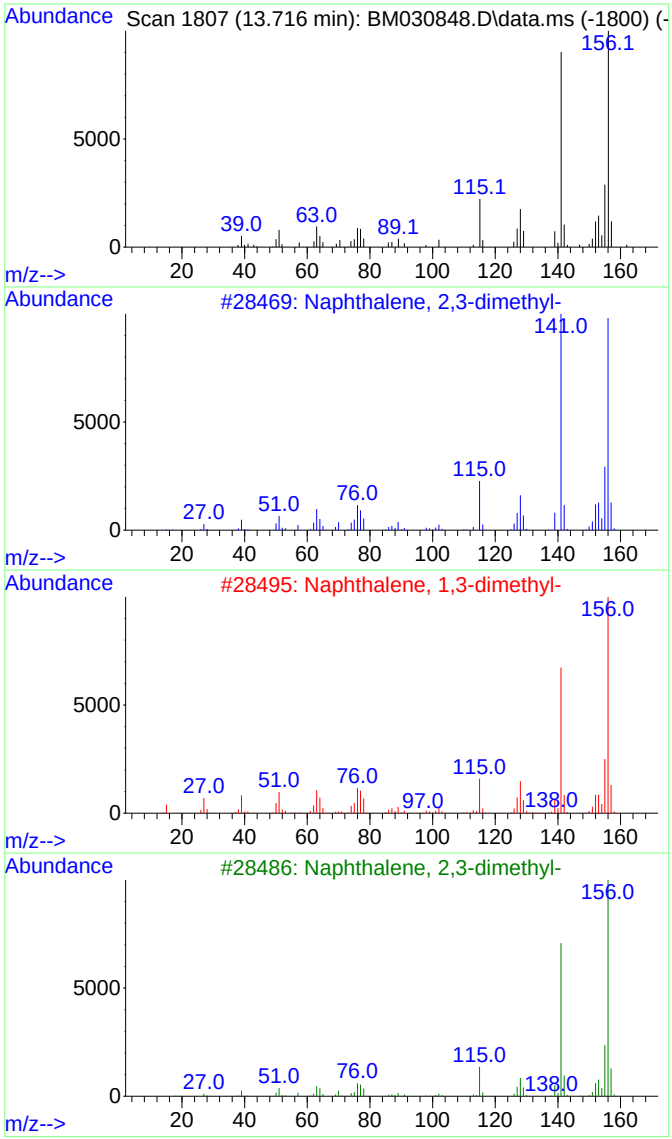
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

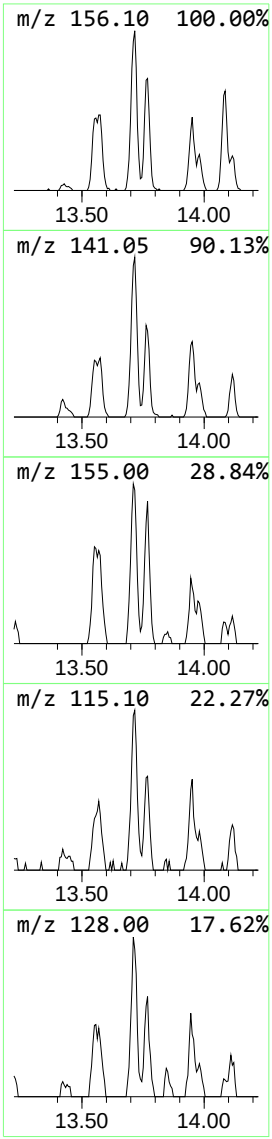
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Naphthalene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.720	2.14 ng/ul	123554	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
5	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030848.D
Acq On : 07 Jul 2021 09:06
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Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

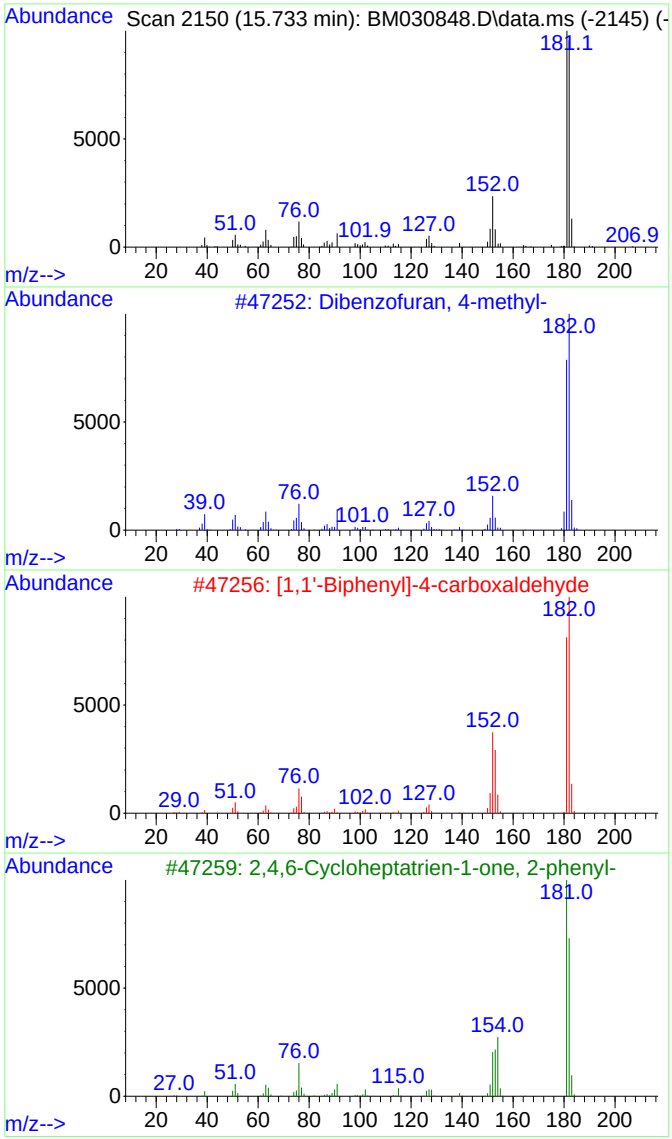
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

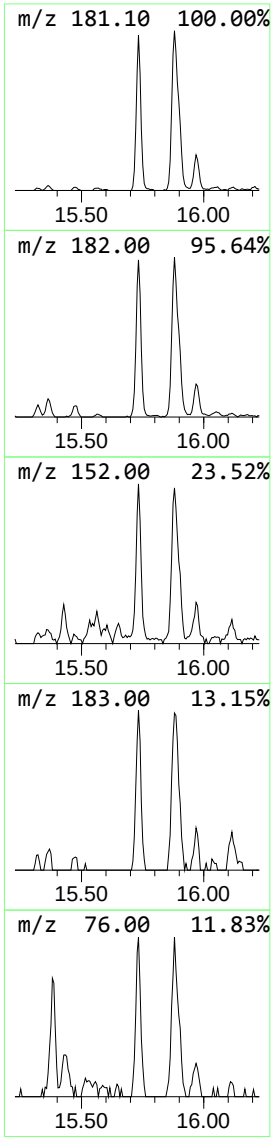
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.730	2.61 ng/ul	150650	Acenaphthene-d10	14.392

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86





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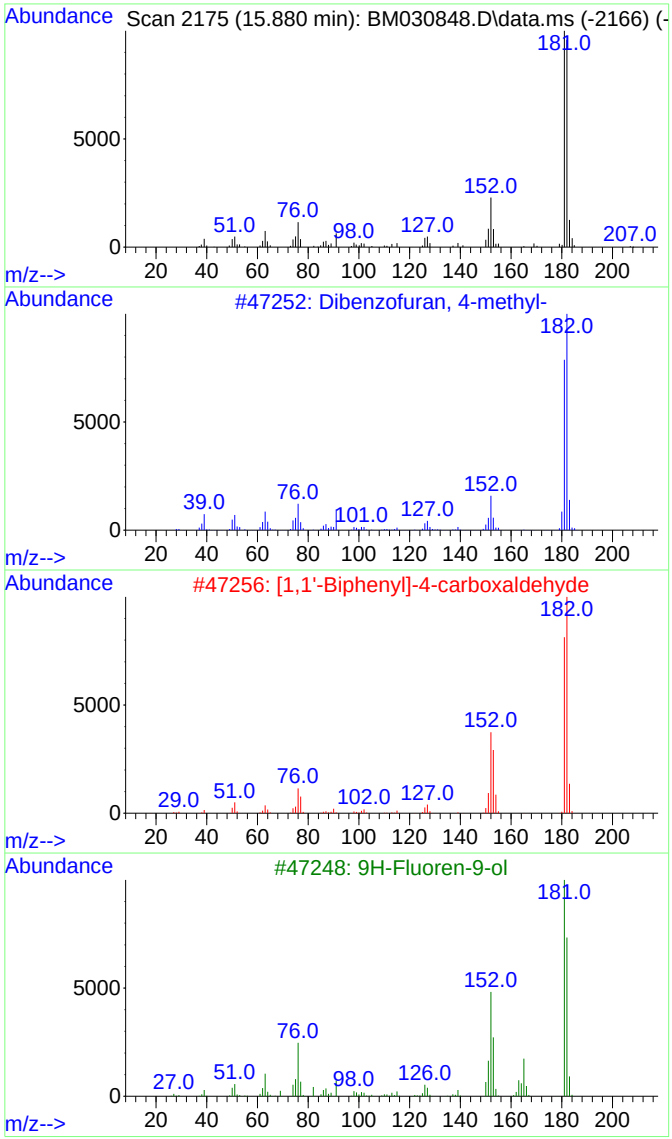
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

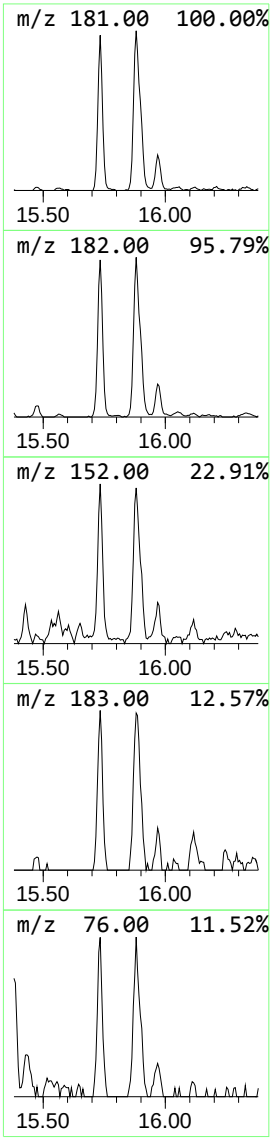
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.880	3.81 ng/ul	221550	Phenanthrene-d10	17.133

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	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78





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Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

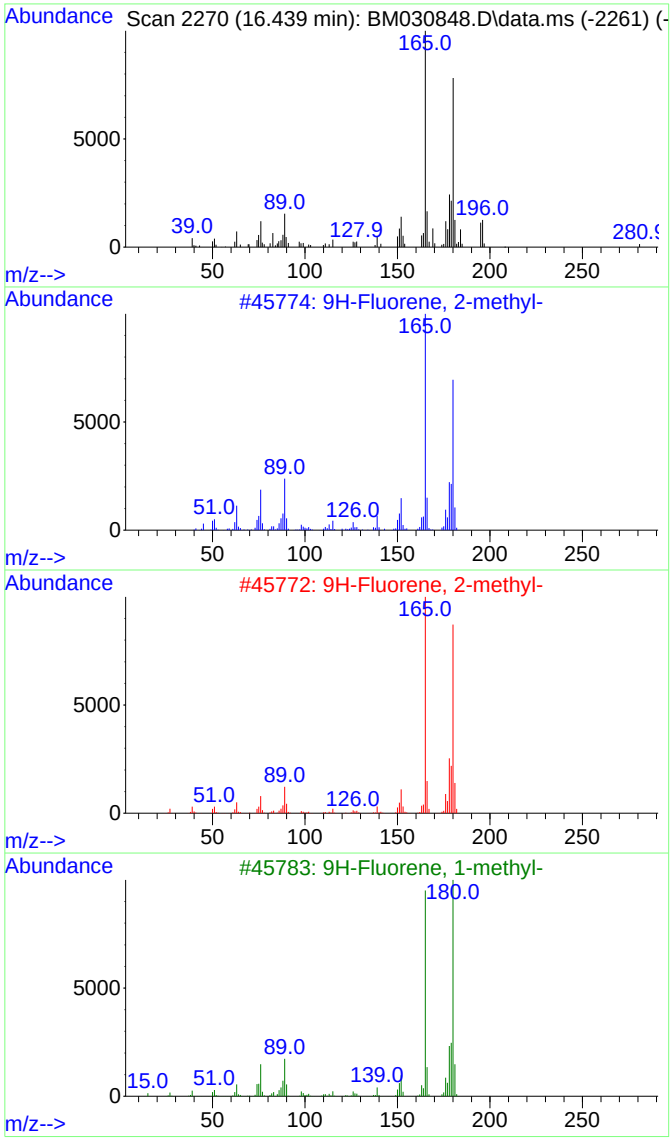
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

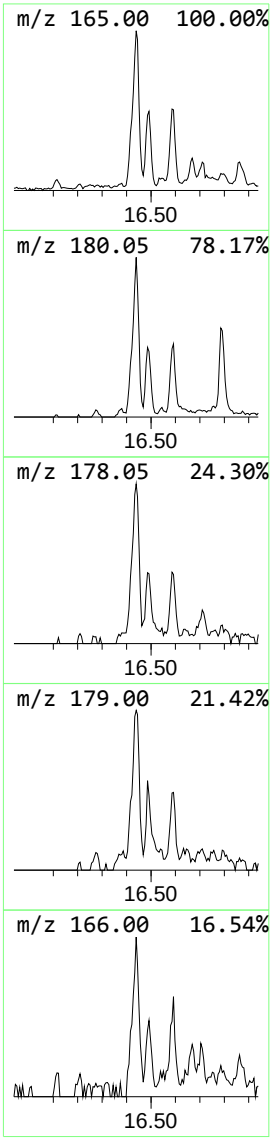
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.440	2.92 ng/ul	169996	Phenanthrene-d10	17.133

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030848.D
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Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

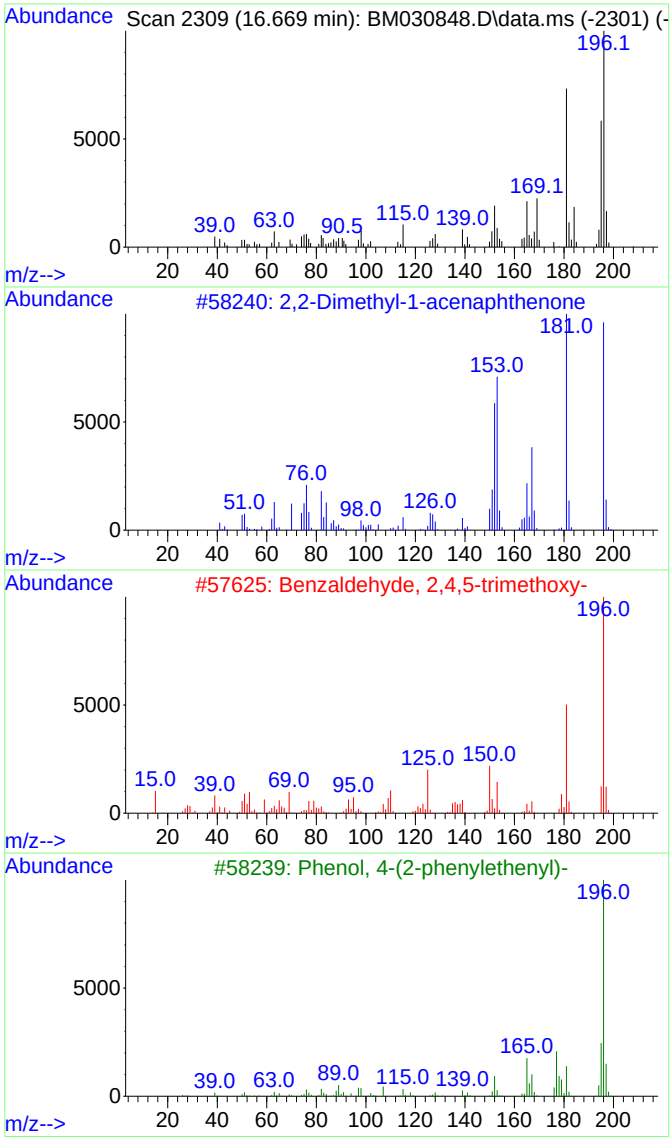
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

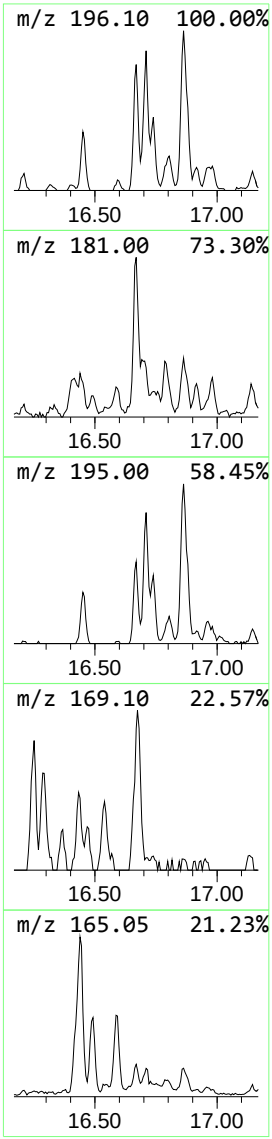
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 2,2-Dimethyl-1-acenaphthenone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.670	2.13 ng/ul	123865	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	64
2	Benzaldehyde, 2,4,5-trimethoxy-	196	C10H12O4	004460-86-0	52
3	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	46
4	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	43
5	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	43





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Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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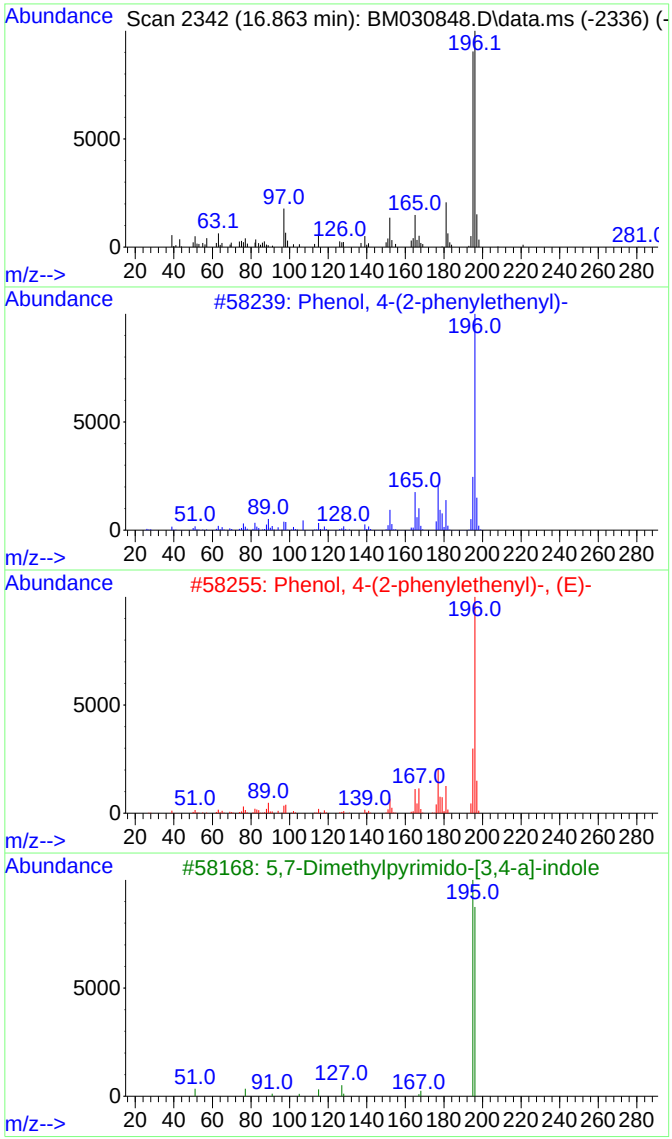
Quant Title : SVOA CALIBRATION

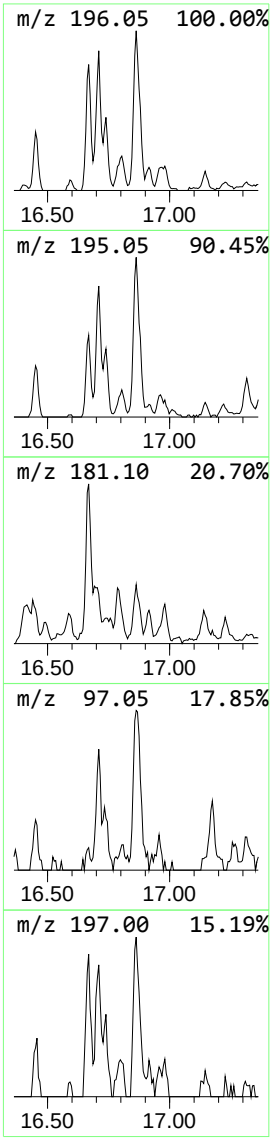
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenol, 4-(2-phenylethenyl)- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.860	2.43 ng/ul	141396	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	52
4	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49
5	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	43





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Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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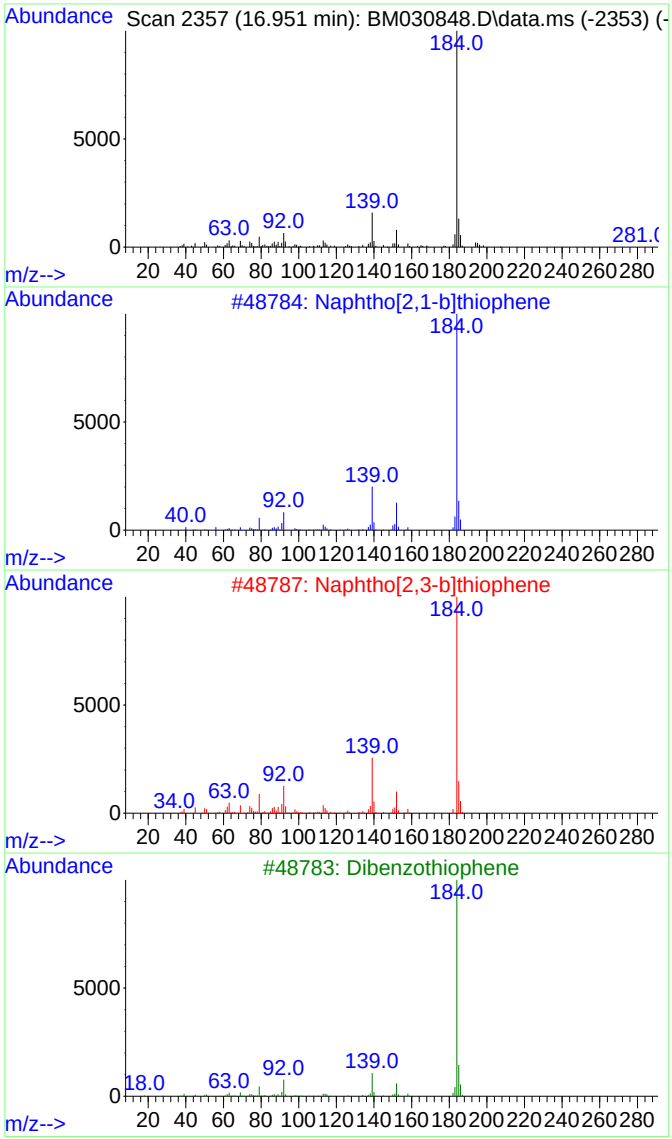
Quant Title : SVOA CALIBRATION

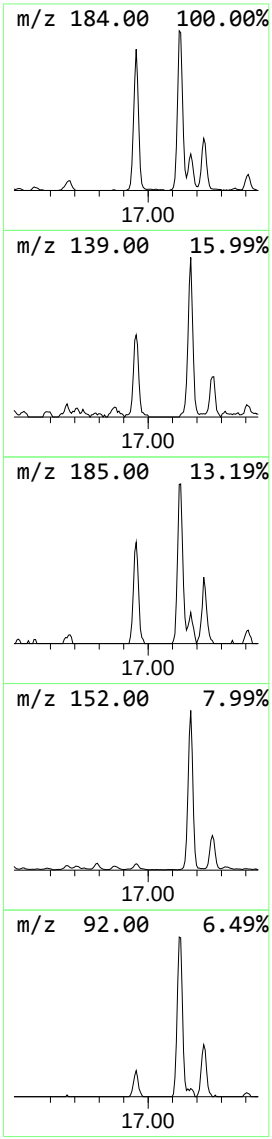
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.950	2.79 ng/ul	162424	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	94





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Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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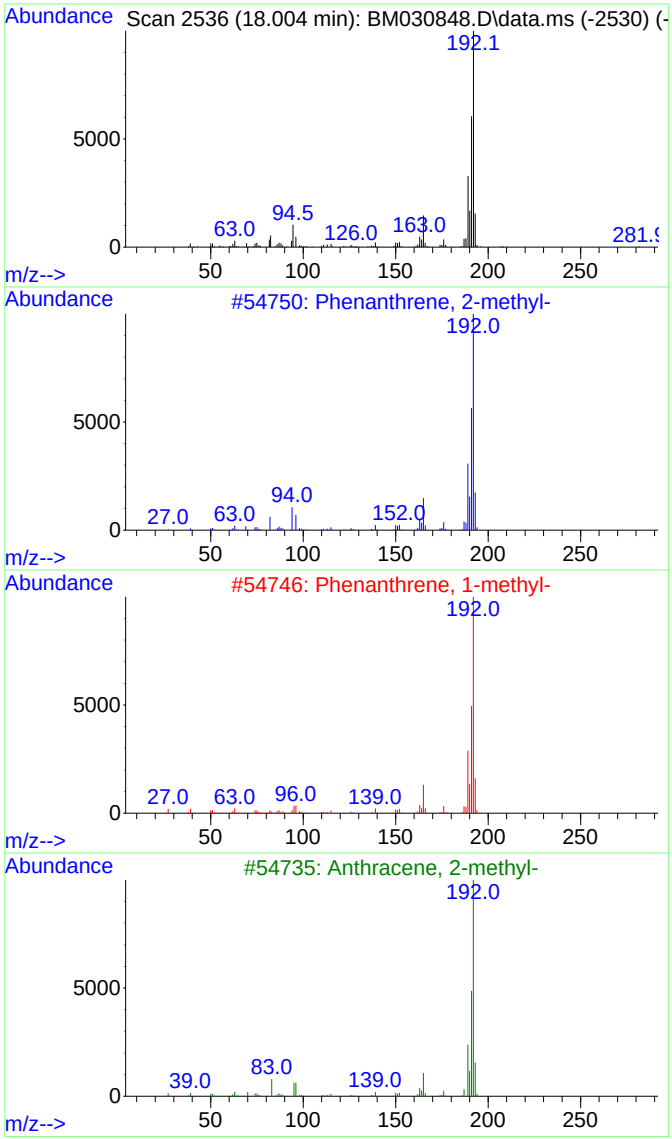
Quant Title : SVOA CALIBRATION

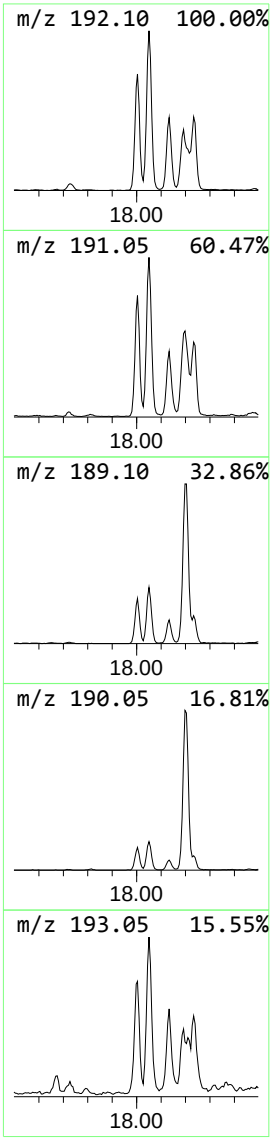
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.000	6.46 ng/ul	375827	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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

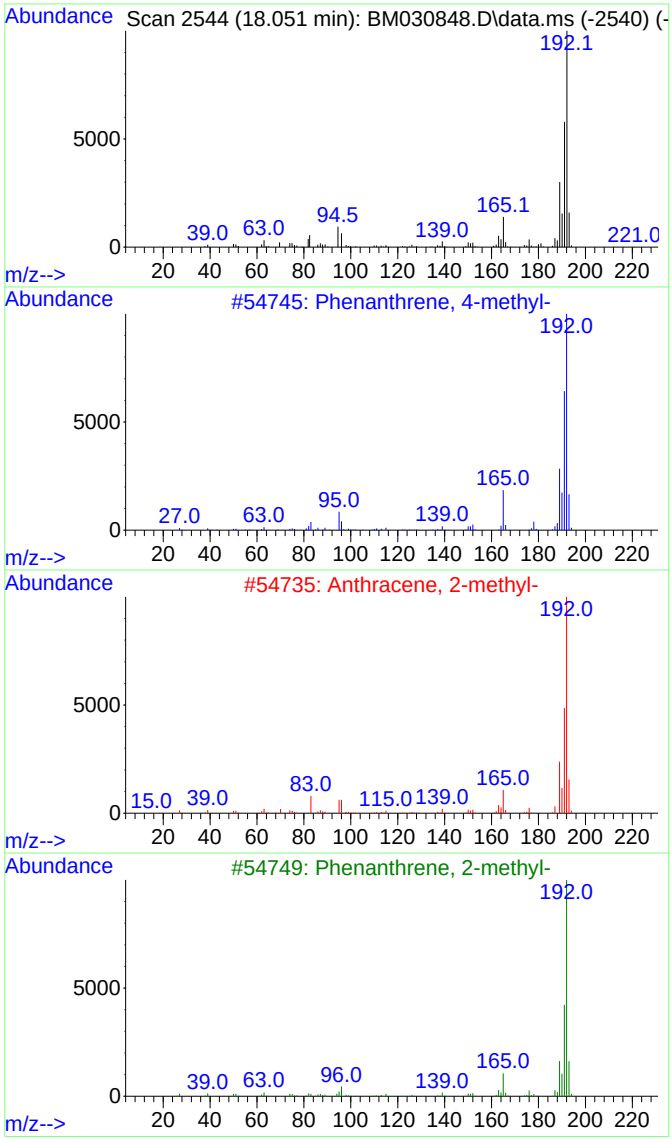
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

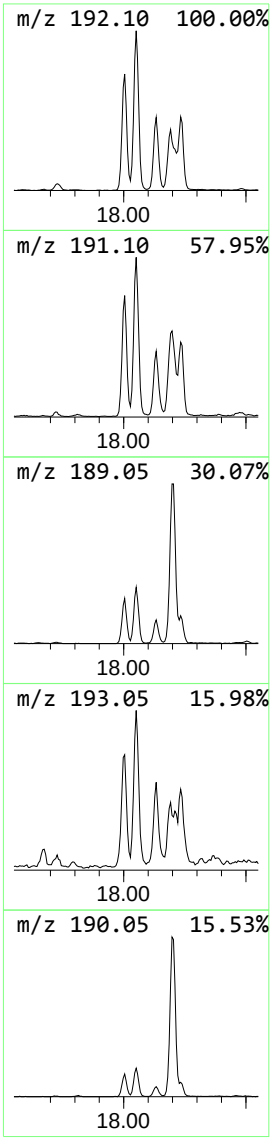
****

Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	8.26 ng/ul	480004	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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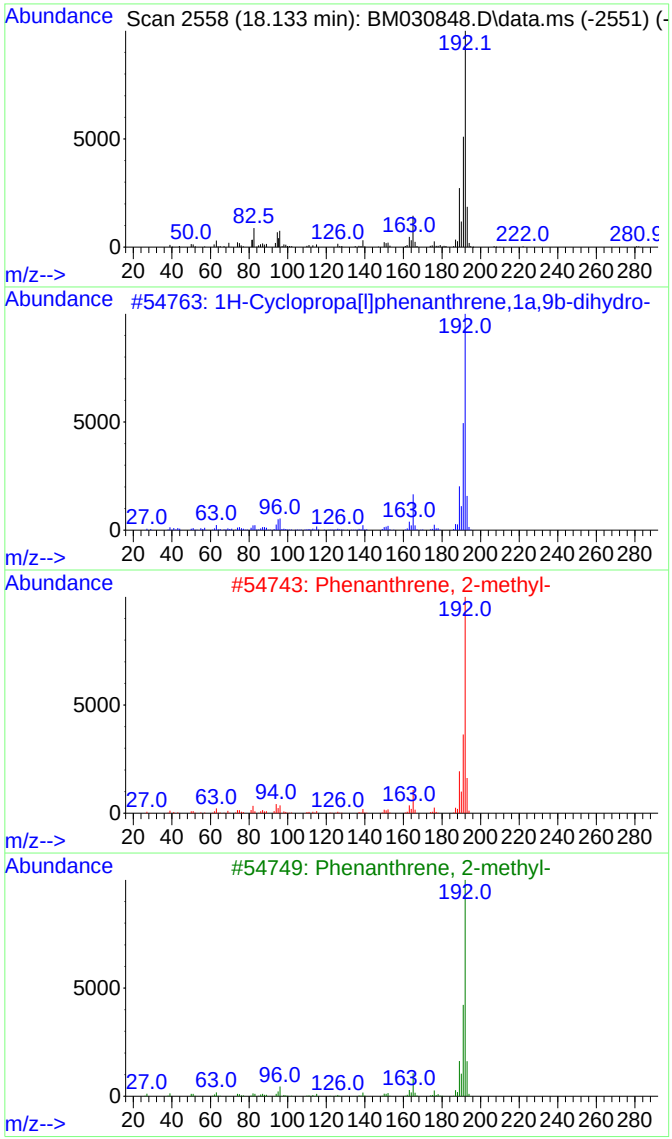
Quant Title : SVOA CALIBRATION

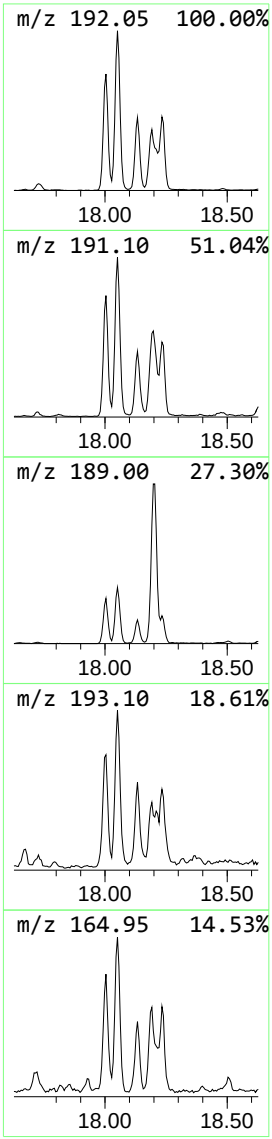
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	3.58 ng/ul	208033	Phenanthrene-d10	17.133

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





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Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

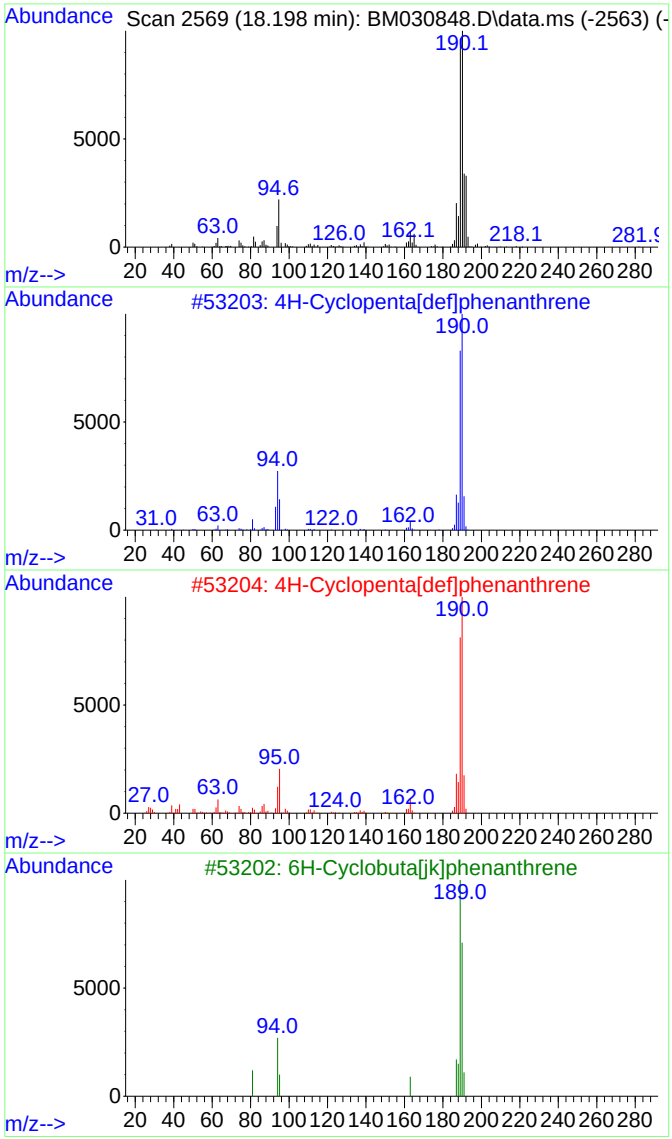
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

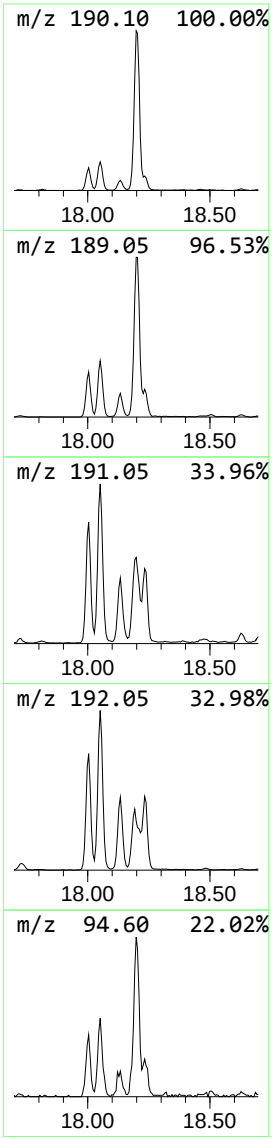
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.200	11.52 ng/ul	669943	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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

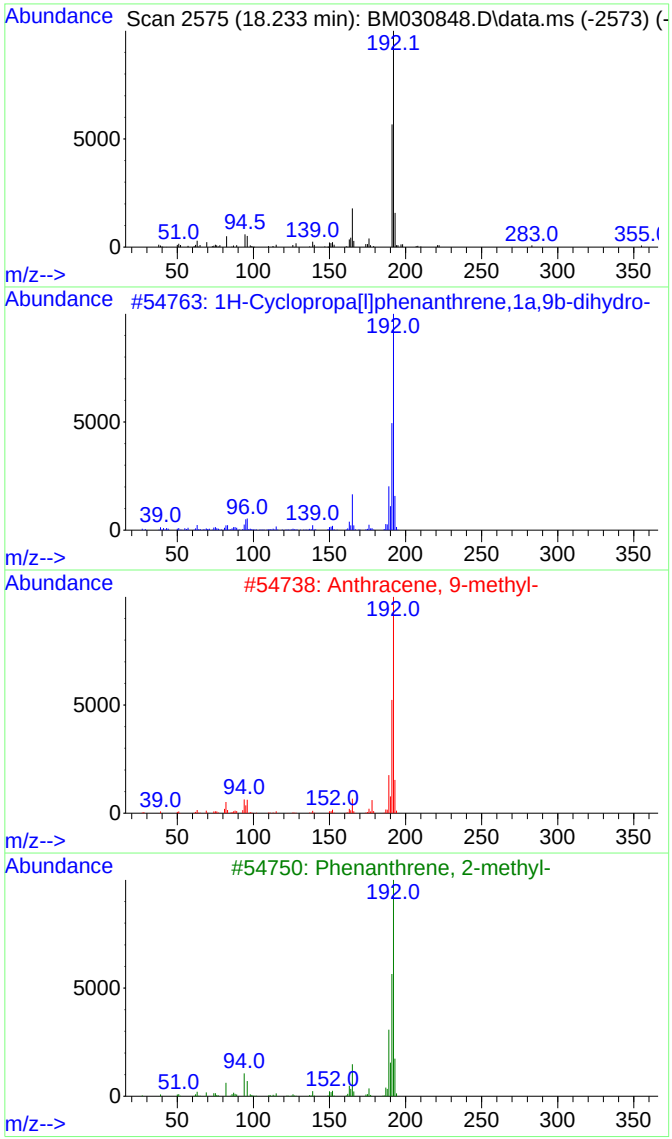
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

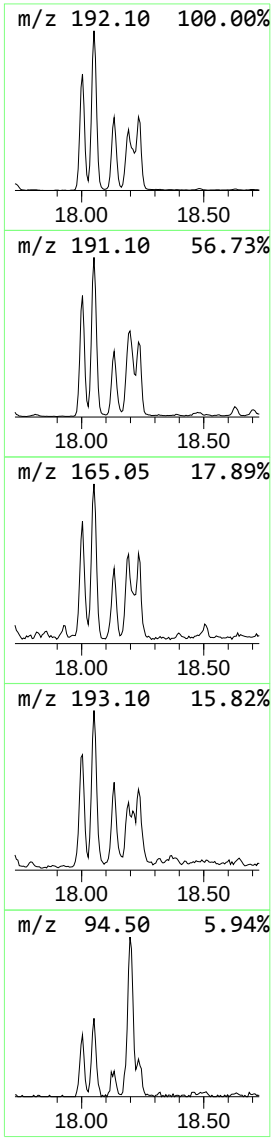
****

Peak Number 12 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.230	3.41 ng/ul	198079	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





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Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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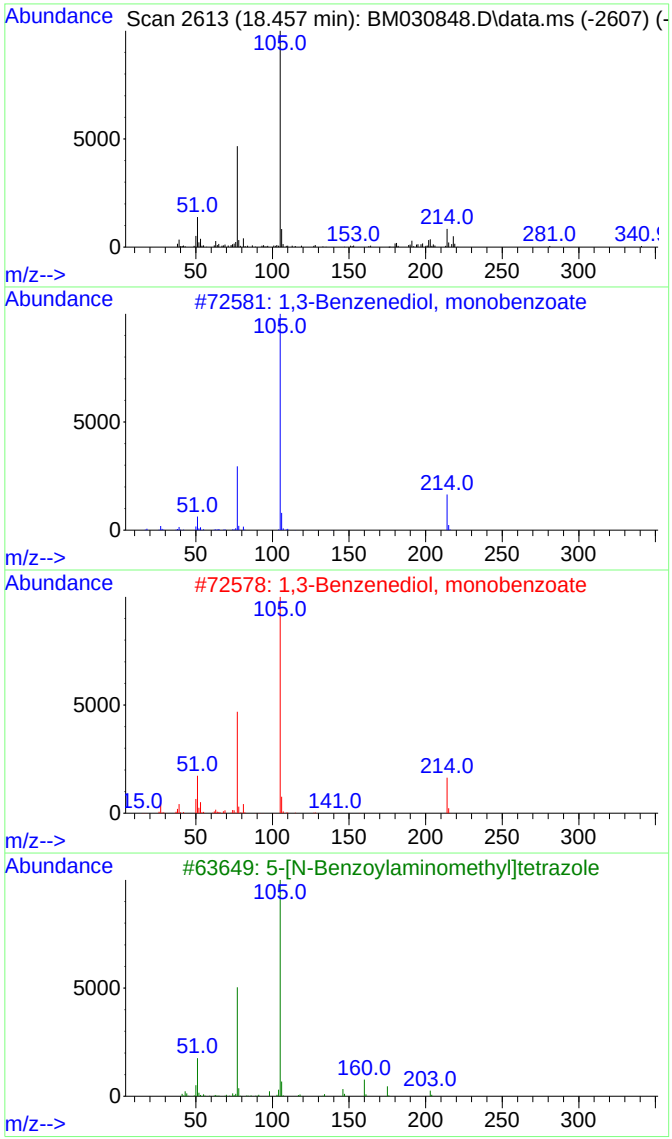
Quant Title : SVOA CALIBRATION

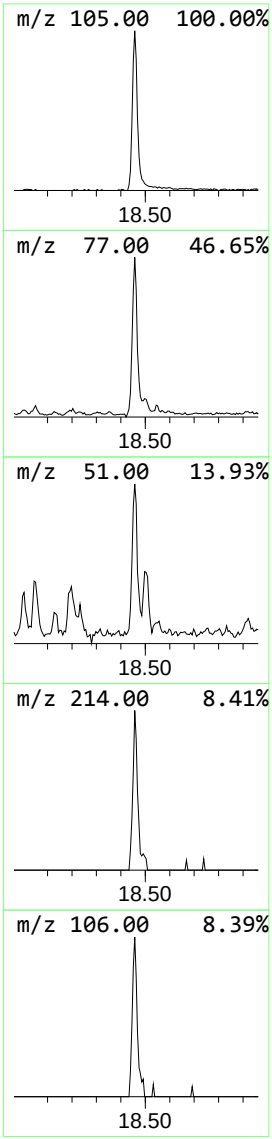
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 1,3-Benzenediol, monobenzoate Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.460	2.06 ng/ul	119818	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	81
2	1,3-Benzenediol, monobenzoate	214	C13H10O3	000136-36-7	81
3	5-[N-Benzoylaminomethyl]tetrazole	203	C9H9N5O	1000227-36-3	72
4	N-(5-Methyl-1,3,4-thiadiazol-2-y...	219	C10H9N3OS	013053-84-4	72
5	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	64





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Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BGDS8DL

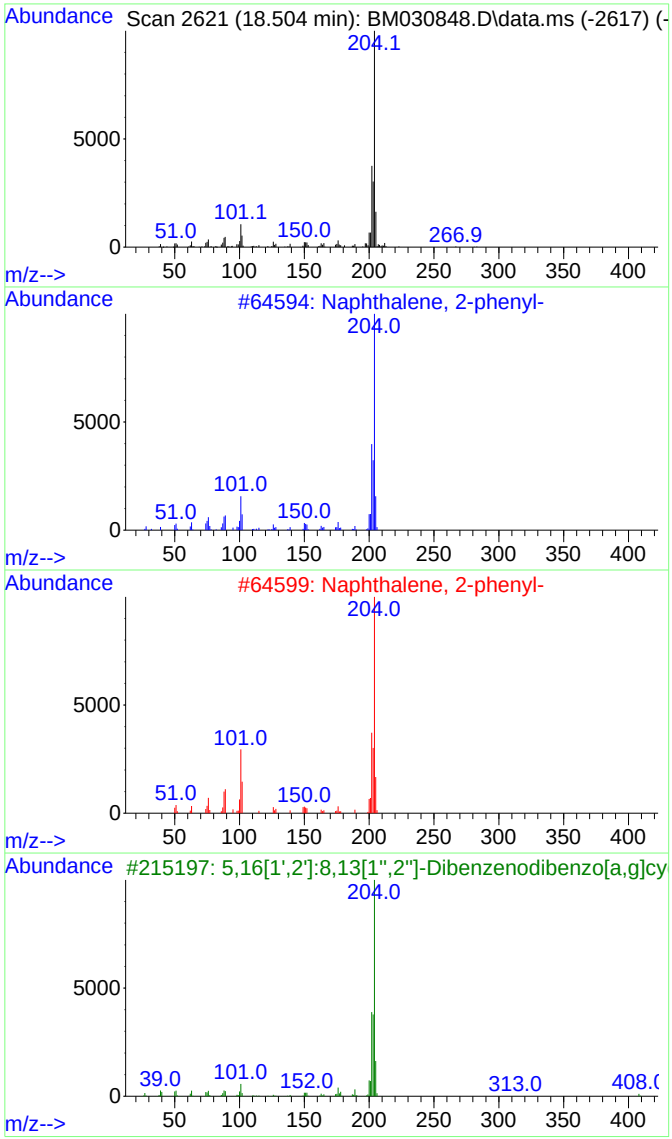
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

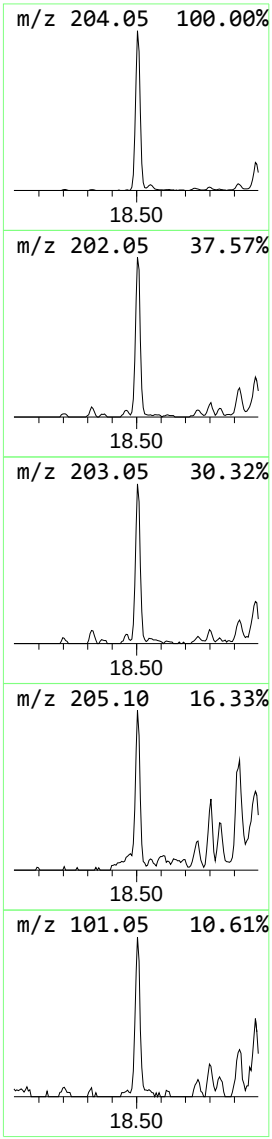
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.500	4.28 ng/ul	248759	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76





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Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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Quant Title : SVOA CALIBRATION

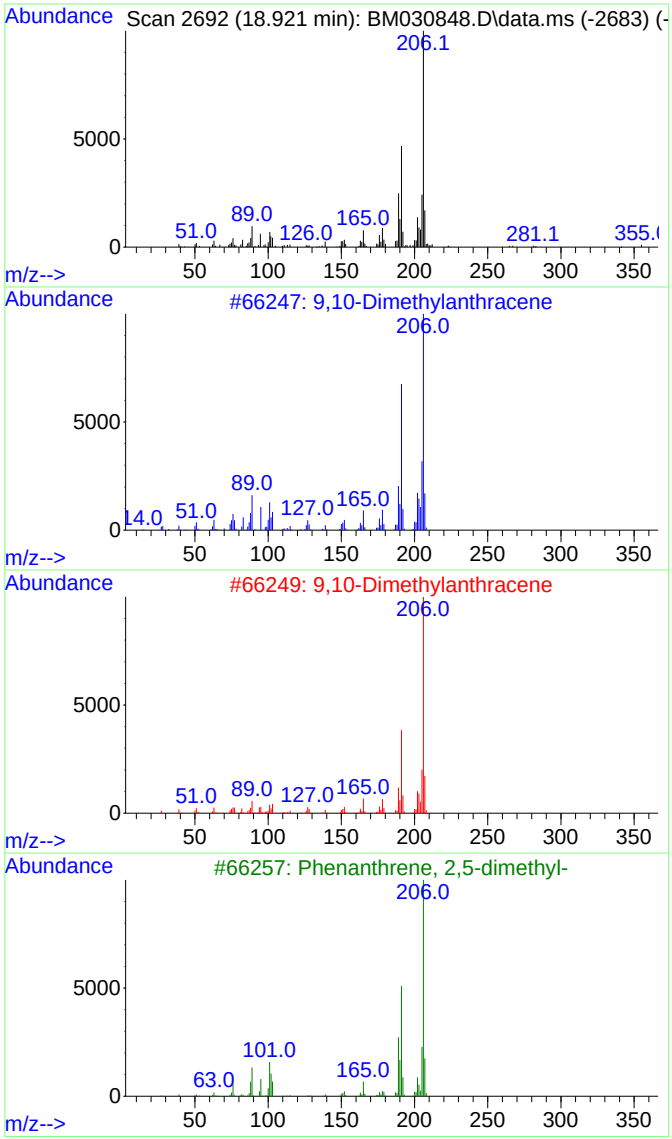
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

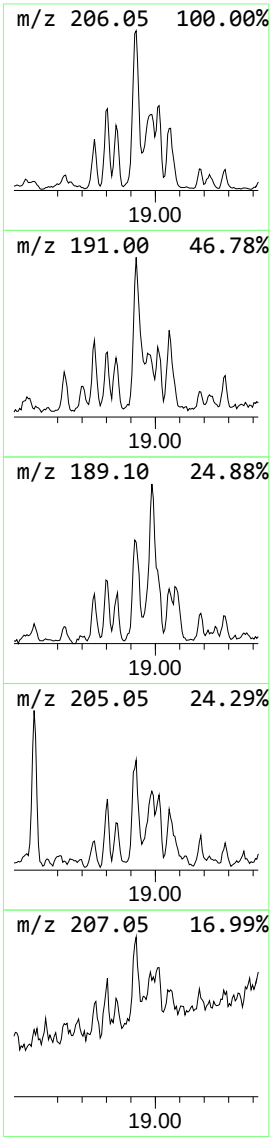
****

Peak Number 15 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.920	4.51 ng/ul	262280	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	97
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

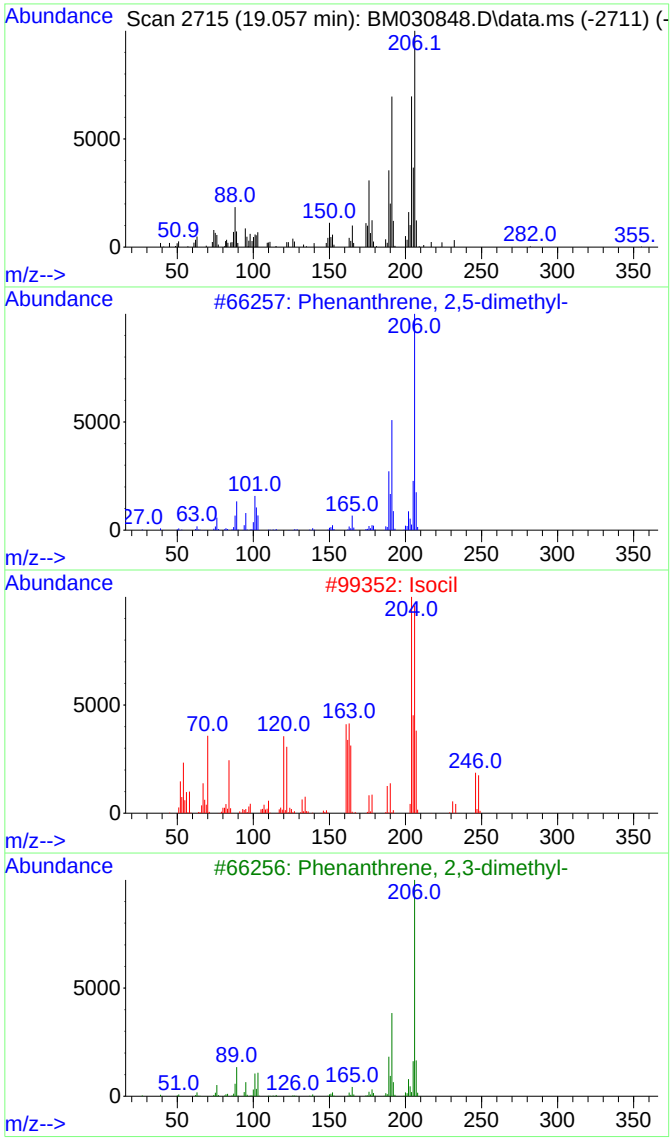
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

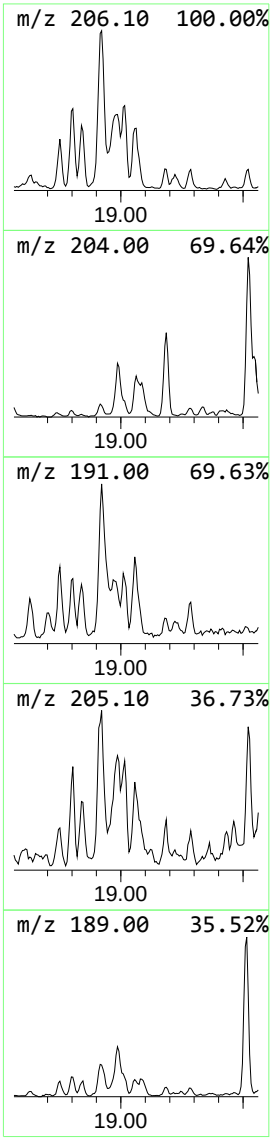
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.060	2.50 ng/ul	145065	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	89
2	Isocil	246	C8H11BrN2O2	000314-42-1	86
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	70
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	70
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	68





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Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

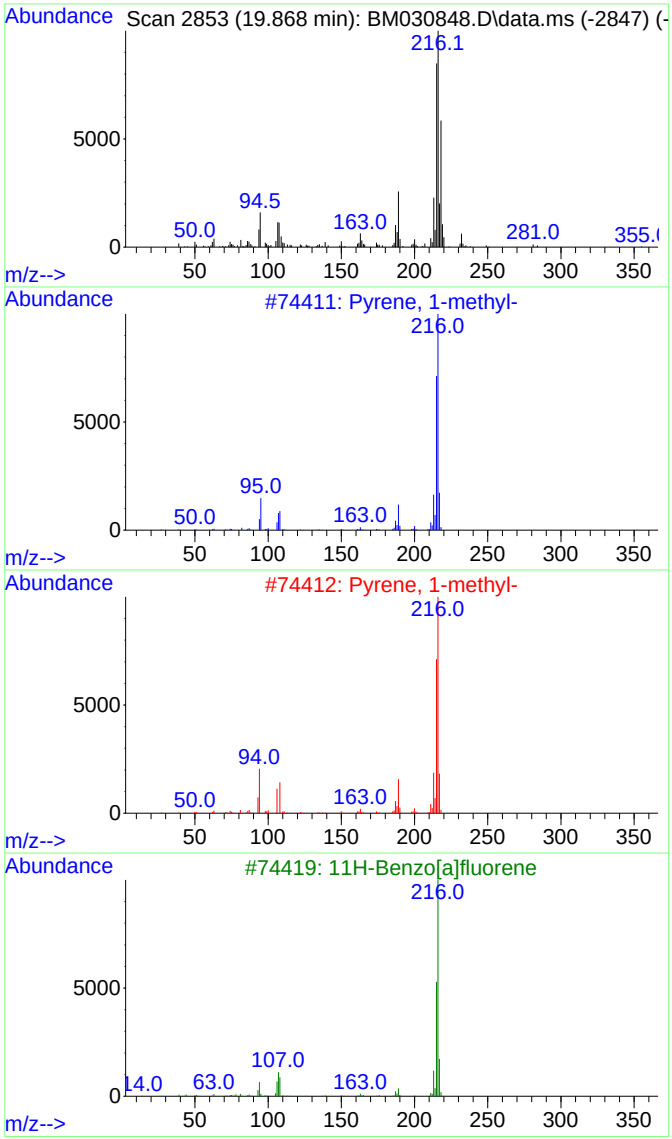
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

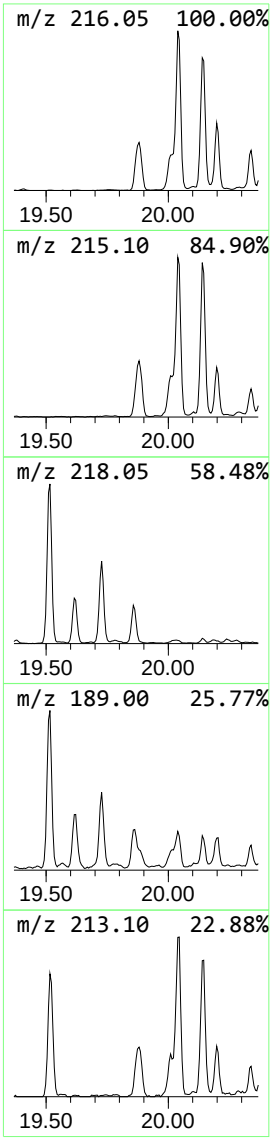
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.870	2.30 ng/ul	341662	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	70
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70





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Data File : BM030848.D
Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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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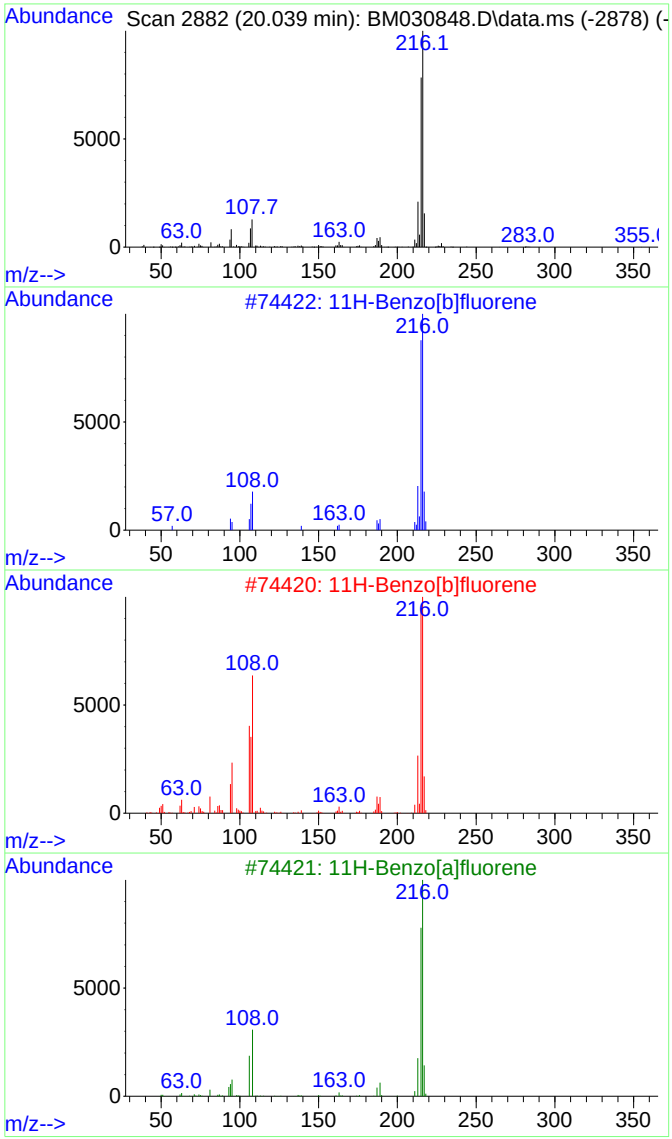
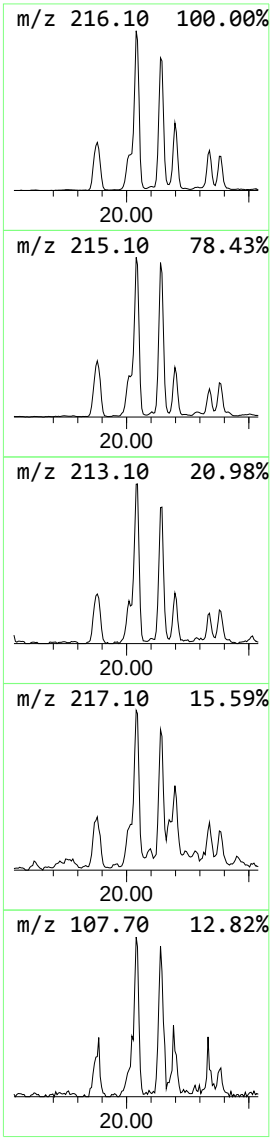
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.040	3.55 ng/ul	525711	Chrysene-d12	21.304

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





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Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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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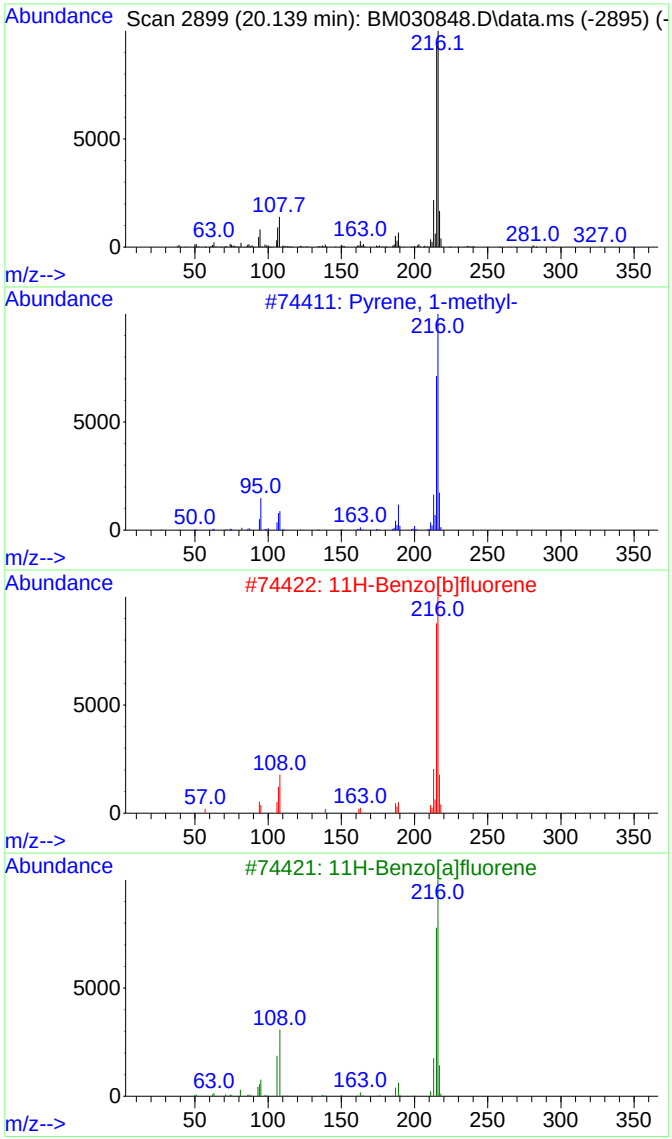
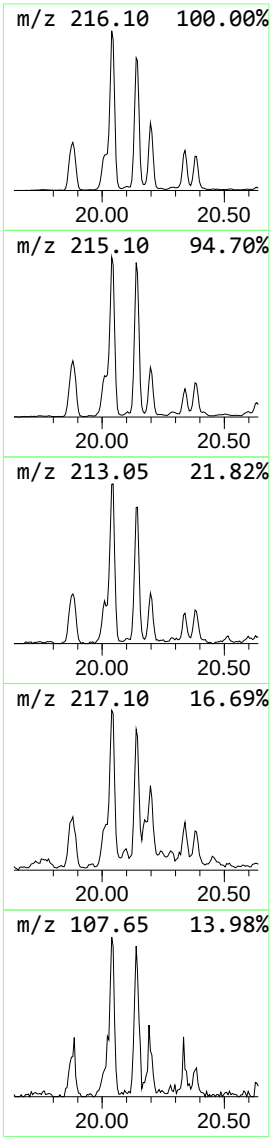
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.140	2.77 ng/ul	410619	Chrysene-d12	21.304

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	91
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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Data File : BM030848.D
Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

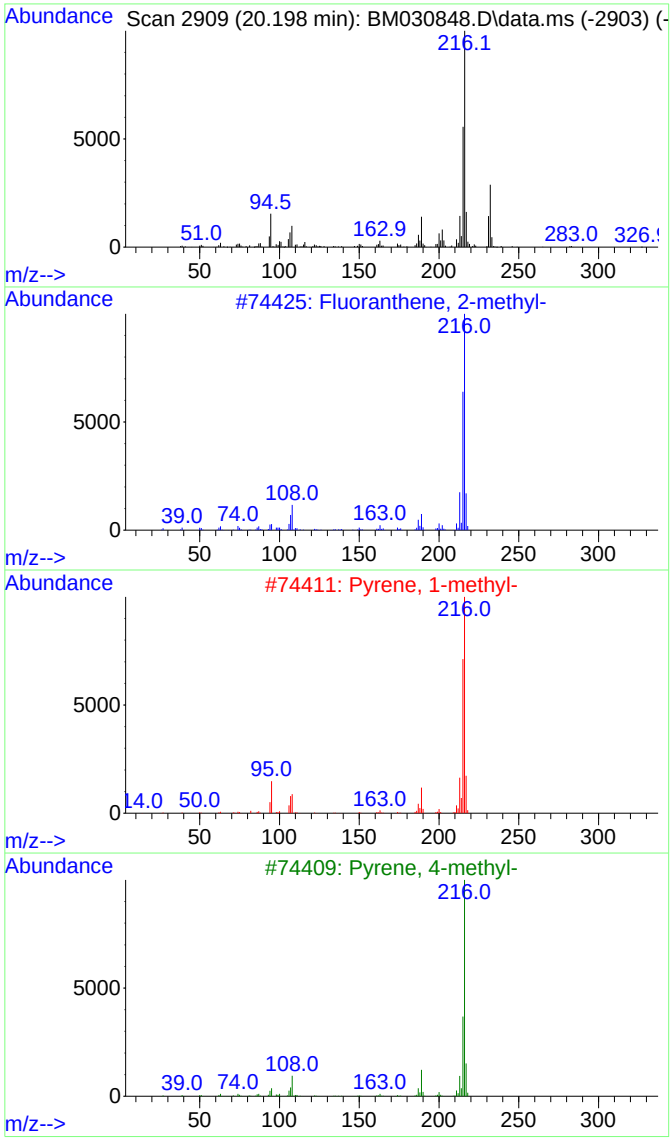
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

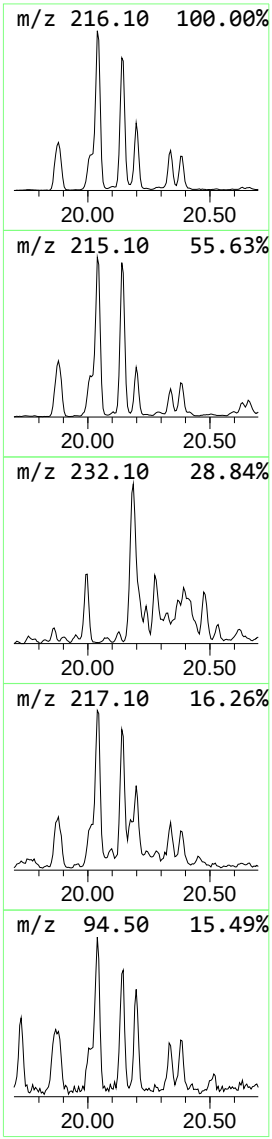
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.200	2.07 ng/ul	306927	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	91
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





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Data File : BM030848.D
Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

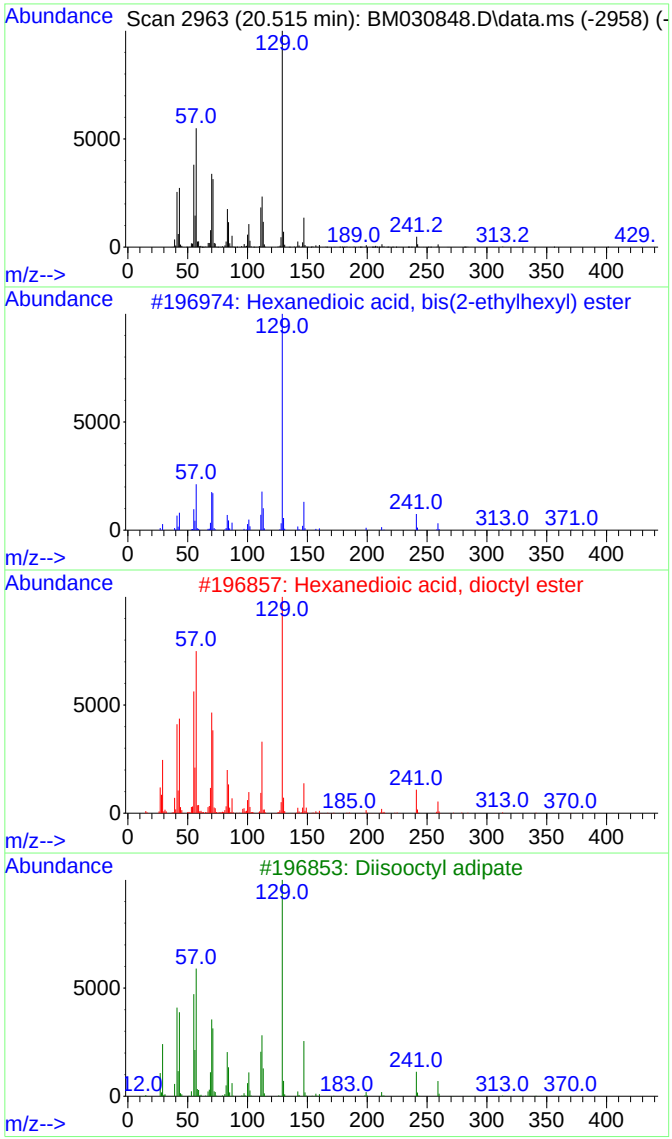
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

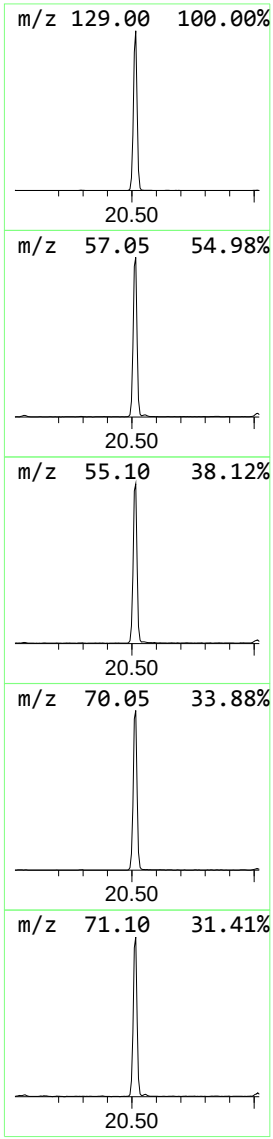
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 21 Hexanedioic acid, bis(2-eth... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	11.65 ng/ul	1727340	Chrysene-d12	21.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	90
3	Diisooctyl adipate	370	C22H42O4	001330-86-5	87
4	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	86





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Data File : BM030848.D
Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS8DL

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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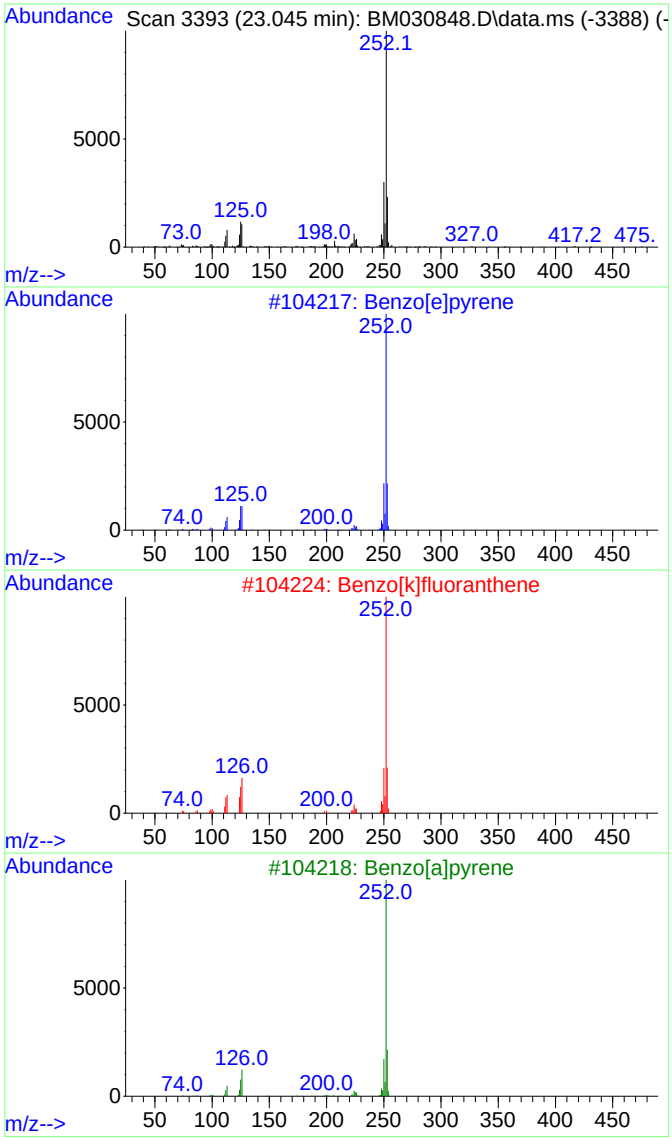
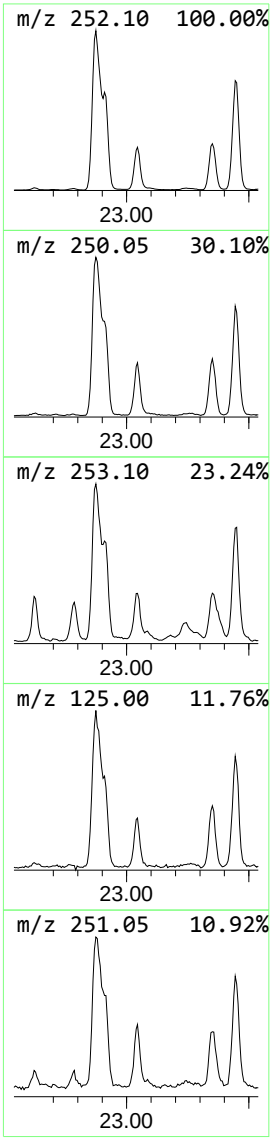
Peak Number 22 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.040	4.46 ng/ul	282419	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	93
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90





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Data File : BM030848.D
Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDS8DL

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

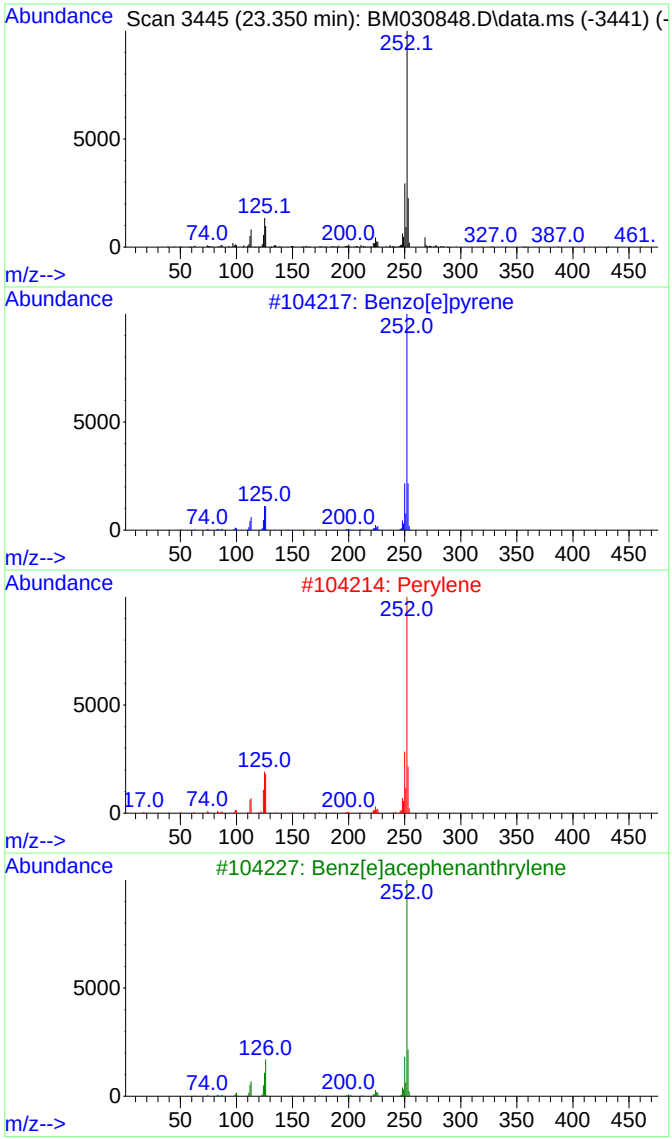
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

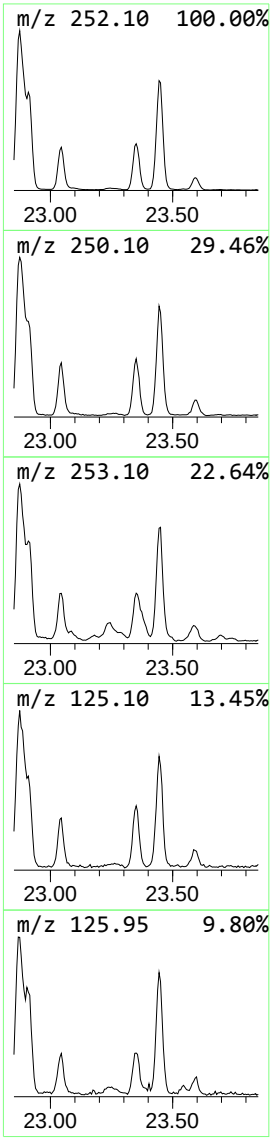
****

Peak Number 23 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.350	4.63 ng/ul	293434	Perylene-d12	23.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Perylene	252	C20H12	000198-55-0	94
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	92
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030848.D
Acq On : 07 Jul 2021 09:06
Operator : CG/JU
Sample : M2854-06DL 2X
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDS8DL

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
Naphthalene, 2,...	13.720	2.1	ng/ul	123554	3	14.392	1152970	20.0
Dibenzofuran, 4...	15.730	2.6	ng/ul	150650	3	14.392	1152970	20.0
[1,1'-Biphenyl]...	15.880	3.8	ng/ul	221550	4	17.133	1162800	20.0
9H-Fluorene, 2-...	16.440	2.9	ng/ul	169996	4	17.133	1162800	20.0
2,2-Dimethyl-1-...	16.670	2.1	ng/ul	123865	4	17.133	1162800	20.0
Phenol, 4-(2-ph...	16.860	2.4	ng/ul	141396	4	17.133	1162800	20.0
Naphtho[2,1-b]t...	16.950	2.8	ng/ul	162424	4	17.133	1162800	20.0
Phenanthrene, 2...	18.000	6.5	ng/ul	375827	4	17.133	1162800	20.0
Phenanthrene, 4...	18.050	8.3	ng/ul	480004	4	17.133	1162800	20.0
1H-Cyclopropa[l...	18.130	3.6	ng/ul	208033	4	17.133	1162800	20.0
4H-Cyclopenta[d...	18.200	11.5	ng/ul	669943	4	17.133	1162800	20.0
Anthracene, 9-m...	18.230	3.4	ng/ul	198079	4	17.133	1162800	20.0
1,3-Benzenediol...	18.460	2.1	ng/ul	119818	4	17.133	1162800	20.0
Naphthalene, 2-...	18.500	4.3	ng/ul	248759	4	17.133	1162800	20.0
9,10-Dimethylan...	18.920	4.5	ng/ul	262280	4	17.133	1162800	20.0
Phenanthrene, 2...	19.060	2.5	ng/ul	145065	4	17.133	1162800	20.0
Pyrene, 1-methyl-	19.870	2.3	ng/ul	341662	5	21.304	2965300	20.0
11H-Benzo[b]flu...	20.040	3.5	ng/ul	525711	5	21.304	2965300	20.0
11H-Benzo[a]flu...	20.140	2.8	ng/ul	410619	5	21.304	2965300	20.0
Fluoranthene, 2...	20.200	2.1	ng/ul	306927	5	21.304	2965300	20.0
Hexanedioic aci...	20.520	11.7	ng/ul	1727340	5	21.304	2965300	20.0
Benzo[e]pyrene	23.040	4.5	ng/ul	282419	6	23.544	1266930	20.0
Perylene	23.350	4.6	ng/ul	293434	6	23.544	1266930	20.0