LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

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: BM030833.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.939	650	655	667	rVB3	15566	34558	1.33%	0.120%
2	7.104	677	683	692	rBV	14647	27112	1.04%	0.094%
3	7.298	711	716	725	rVB	19916	36005	1.38%	0.125%
4	7.763	787	795	805	rBV	433667	686642	26.35%	2.378%
5	8.475	911	916	925	rBV2	15598	32354	1.24%	0.112%
6	8.928	987	993	1001	rBV	15110	28510	1.09%	0.099%
7	10.204	1204	1210	1216	rBV2	11745	25250	0.97%	0.087%
8	10.551	1261	1269	1275	rBV	565532	989303	37.96%	3.426%
9	10.598	1275	1277	1286	rVB	26866	39066	1.50%	0.135%
10	13.557	1773	1780	1782	rBV2	31449	52273	2.01%	0.181%
11	13.715	1799	1807	1812	rBV	59295	103294	3.96%	0.358%
12	13.768	1812	1816	1819	rVV	28626	41979	1.61%	0.145%
13	13.810	1819	1823	1827	rVV	49079	71790	2.75%	0.249%
14	13.857	1827	1831	1838	rVV	18786	35046	1.34%	0.121%
15	13.951	1842	1847	1851	rVV	30916	48540	1.86%	0.168%
16	14.086	1864	1870	1873	rBV	51215	81832	3.14%	0.283%
17	14.115	1873	1875	1880	rVB	31091	40404	1.55%	0.140%
18	14.392	1913	1922	1928	rBV	903838	1382971	53.07%	4.789%
19	14.457	1928	1933	1942	rVV	279448	425410	16.32%	1.473%
20	14.604	1953	1958	1967	rVV2	11735	30456	1.17%	0.105%
21	14.792	1980	1990	1998	rVV	128913	204884	7.86%	0.709%
22	14.868	1998	2003	2010	rVV	32115	47291	1.81%	0.164%
23	15.009	2020	2027	2032	rBV2	23815	43751	1.68%	0.151%
24	15.068	2032	2037	2042	rVB	26132	37511	1.44%	0.130%
25	15.180	2049	2056	2059	rBV2	24397	46839	1.80%	0.162%
26	15.333	2076	2082	2085	rBV4	11230	22285	0.86%	0.077%
27	15.386	2085	2091	2095	rVV	77429	123576	4.74%	0.428%
28	15.439	2095	2100	2111	rVV	296198	450726	17.30%	1.561%
29	15.533	2111	2116	2119	rVV3	28361	46173	1.77%	0.160%
30	15.562	2119	2121	2124	rVV	27659	37144	1.43%	0.129%
31	15.604	2124	2128	2132	rVV3	41430	63517	2.44%	0.220%
32	15.651	2132	2136	2139	rVV2	27097	40135	1.54%	0.139%
33	15.692	2139	2143	2146	rVV2	44383	65946	2.53%	0.228%
34	15.733	2146	2150	2160	rVB	86069	132200	5.07%	0.458%
35	15.880	2166	2175	2184	rBV	92568	198158	7.60%	0.686%
36	15.974	2184	2191	2196	rVB2	18429	29728	1.14%	0.103%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

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	16.121	2211	2216	2221	rVB5	17707	28574	1.10%	0.099%
38	16.445	2262	2271	2276	rBV2	69938	143455	5.50%	0.497%
39	16.492	2276	2279	2285	rVB	28322	37858	1.45%	0.131%
40	16.592	2291	2296	2301	rVB	34049	52053	2.00%	0.180%
41	16.668	2301	2309	2313	rBV4	48411	89056	3.42%	0.308%
42	16.709	2313	2316	2320	rVB2	27421	31406	1.21%	0.109%
43	16.792	2327	2330	2336	rVB4	32197	56413	2.16%	0.195%
44	16.868	2336	2343	2344	rBV	47635	67630	2.60%	0.234%
45	16.951	2352	2357	2368	rVB	96428	176559	6.78%	0.611%
46	17.133	2382	2388	2391	rBV	1063204	1536793	58.97%	5.321%
47	17.174	2391	2395	2401	rVV	1810039	2606006	100.00%	9.024%
48	17.233	2401	2405	2406	rVV	93001	127321	4.89%	0.441%
49	17.268	2406	2411	2416	rVV	595167	914096	35.08%	3.165%
50	17.321	2416	2420	2426	rVV5	33998	81252	3.12%	0.281%
51	17.403	2431	2434	2439	rVV2	19468	35199	1.35%	0.122%
52	17.574	2459	2463	2472	rVV3	24042	58328	2.24%	0.202%
53	17.650	2472	2476	2483	rVV	29033	48890	1.88%	0.169%
54	17.721	2483	2488	2495	rVB6	15135	38336	1.47%	0.133%
55	17.850	2506	2510	2515	rVB3	14826	24032	0.92%	0.083%
56	18.003	2531	2536	2541	rBV	187711	309283	11.87%	1.071%
57	18.050	2541	2544	2552	rVB	269109	392452	15.06%	1.359%
58	18.133	2552	2558	2564	rBV	161303	240592	9.23%	0.833%
59	18.203	2564	2570	2574	rVV2	319447	562212	21.57%	1.947%
60	18.239	2574	2576	2585	rVB2	130046	162033	6.22%	0.561%
61	18.462	2608	2614	2617	rBV	38094	64042	2.46%	0.222%
62	18.509	2617	2622	2628	rVB	128604	190143	7.30%	0.658%
63	18.603	2634	2638	2641	rBV5	16411	24904	0.96%	0.086%
64	18.750	2659	2663	2667	rBV2	45852	60318	2.31%	0.209%
65	18.803	2668	2672	2675	rBV	37175	43676	1.68%	0.151%
66	18.839	2675	2678	2683	rVB	36563	48032	1.84%	0.166%
67	18.921	2687	2692	2697	rBV2	87314	163890	6.29%	0.567%
68	18.992	2698	2704	2706	rBV2	54367	88909	3.41%	0.308%
69	19.056	2712	2715	2718	rBV2	35225	50919	1.95%	0.176%
70	19.186	2731	2737	2743	rBV	1696818	2308543	88.59%	7.994%
71	19.250	2745	2748	2751	rVV2	40788	58243	2.23%	0.202%
72	19.292	2751	2755	2758	rVV4	45238	84022	3.22%	0.291%
73	19.339	2759	2763	2767	rVB	78588	119158	4.57%	0.413%
74	19.427	2776	2778	2789	rVB3	47681	92383	3.55%	0.320%
75	19.521	2789	2794	2795	rVV2	430106	549976	21.10%	1.904%
76	19.550	2795	2799	2807	rVV	1104416	1643258	63.06%	5.690%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

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

77	19.621	2807	2811	2818	rVB2	85356	140198	5.38%	0.485%
78	19.727	2825	2829	2835	rVB	92804	133309	5.12%	0.462%
79	19.874	2848	2854	2855	rBV	104048	177069	6.79%	0.613%
80	20.003	2871	2876	2878	rBV3	79762	131296	5.04%	0.455%
81	20.044	2879	2883	2891	rVB2	349302	527538	20.24%	1.827%
82	20.144	2895	2900	2904	rBV	304662	391388	15.02%	1.355%
83	20.197	2904	2909	2914	rVV2	117823	194275	7.45%	0.673%
84	20.297	2921	2926	2929	rBV2	59394	111009	4.26%	0.384%
85	20.339	2930	2933	2937	rVV	87519	136461	5.24%	0.473%
86	20.386	2937	2941	2950	rVB3	93878	195858	7.52%	0.678%
87	20.515	2959	2963	2968	rVB	690480	761774	29.23%	2.638%
88	20.627	2980	2982	2985	rBV2	25153	33436	1.28%	0.116%
89	20.744	2999	3002	3007	rBV2	47080	74227	2.85%	0.257%
90	20.950	3034	3037	3040	rBV	59592	73539	2.82%	0.255%
91	20.991	3040	3044	3047	rVV	100060	127840	4.91%	0.443%
92	21.027	3047	3050	3055	rVB2	67505	103341	3.97%	0.358%
93	21.297	3089	3096	3100	rBV2	1296493	2504094	96.09%	8.671%
94	21.338	3100	3103	3110	rVB	577526	731167	28.06%	2.532%
95	21.456	3119	3123	3128	rBV2	114379	196193	7.53%	0.679%
96	21.850	3187	3190	3194	rVB	92265	109309	4.19%	0.379%
97	22.874	3358	3364	3369	rBV	339561	847261	32.51%	2.934%
98	23.044	3390	3393	3400	rVB	97283	159124	6.11%	0.551%
99	23.444	3457	3461	3470	rVB	276418	557455	21.39%	1.930%
100	23.544	3472	3478	3485	rBV2	639102	1249395	47.94%	4.326%

Sum of corrected areas: 28879460

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
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Acq On : 06 Jul 2021 23:22
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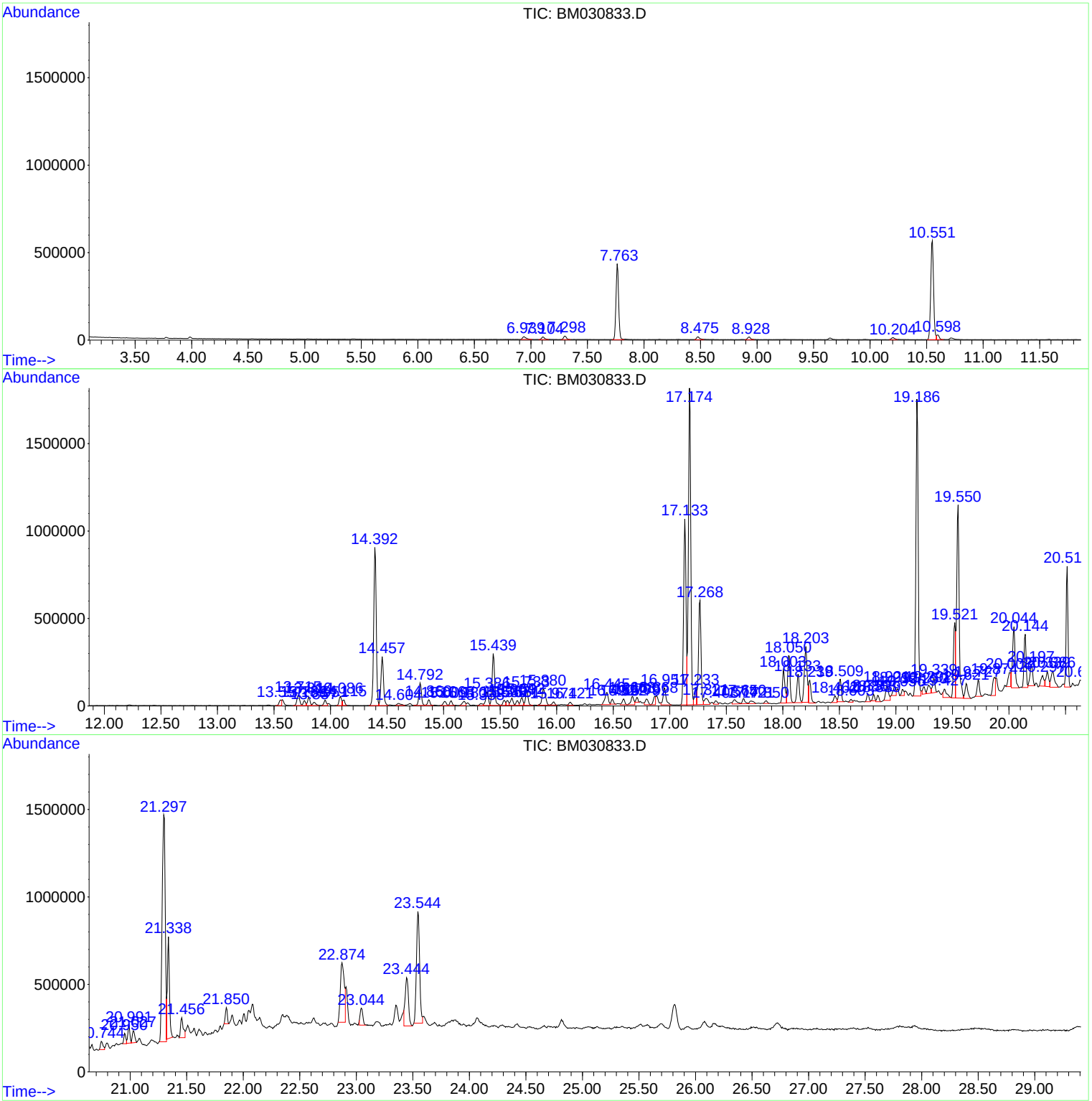
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

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 : BM030833.D
Acq On : 06 Jul 2021 23:22
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Instrument : BNA_M
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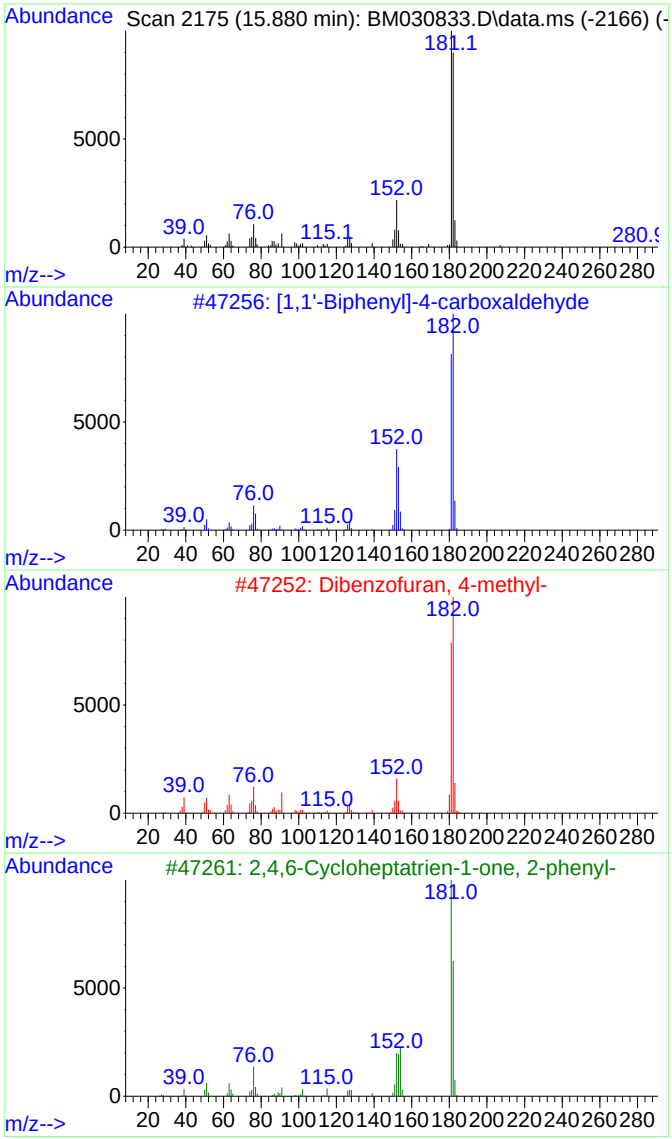
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

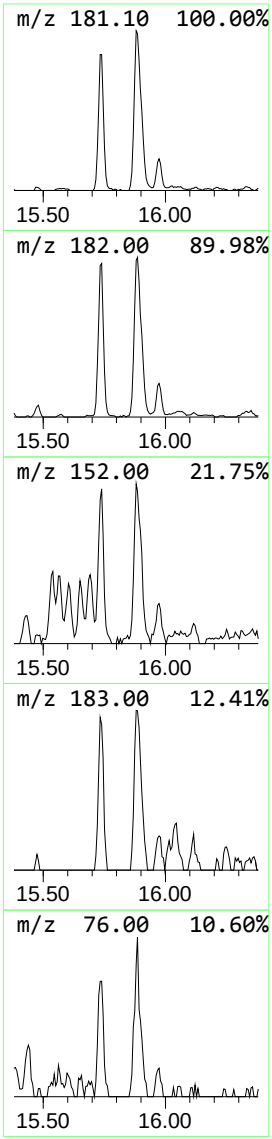
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.880	2.58 ng/ul	198158	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	89
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

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

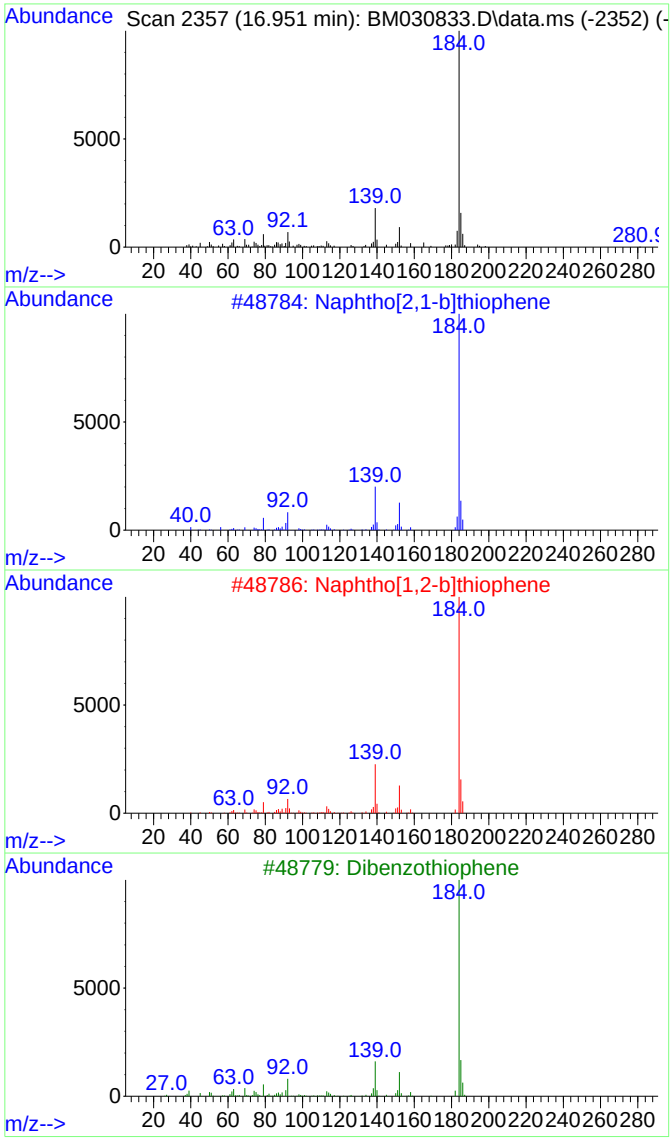
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

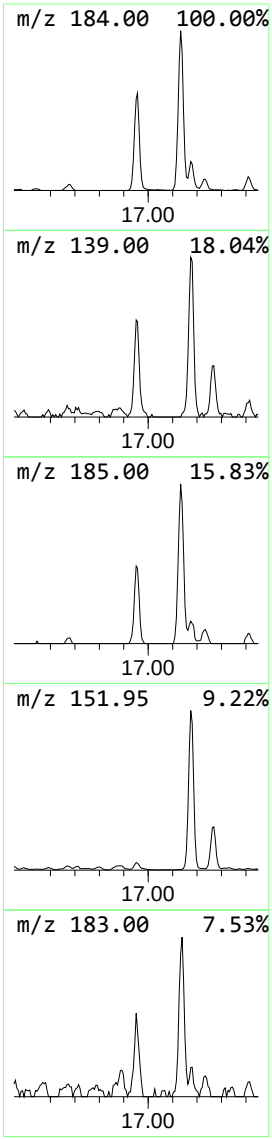
****

Peak Number 2 Naphtho[2,1-b]thiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.950	2.30 ng/ul	176559	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	96
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Dibenzothiophene	184	C12H8S	000132-65-0	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

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

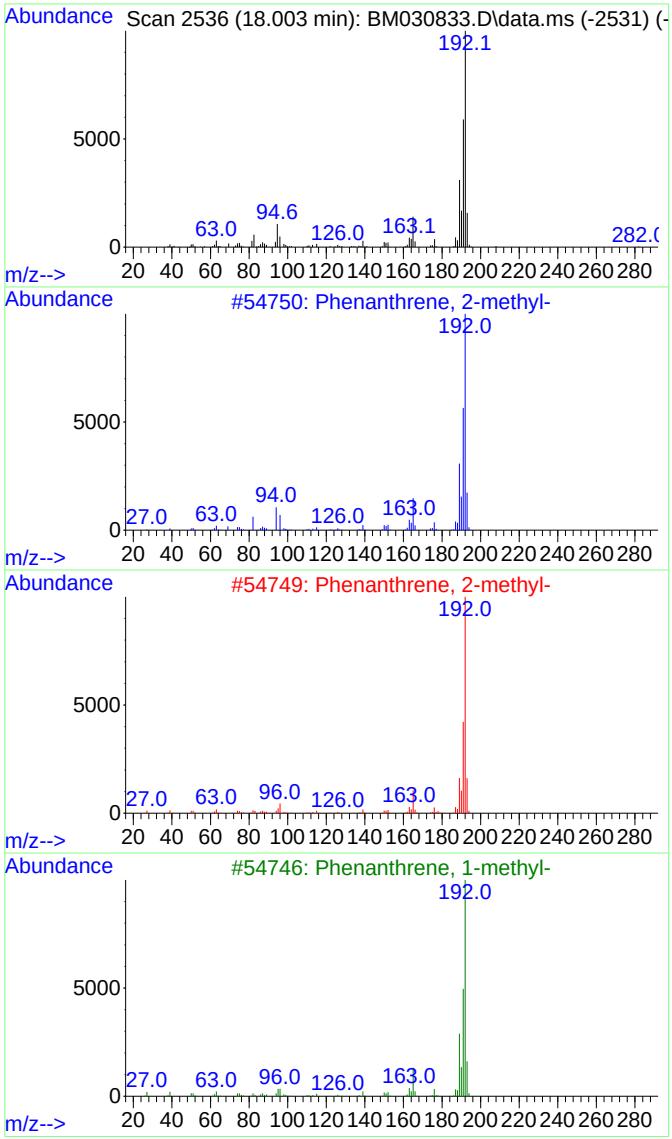
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

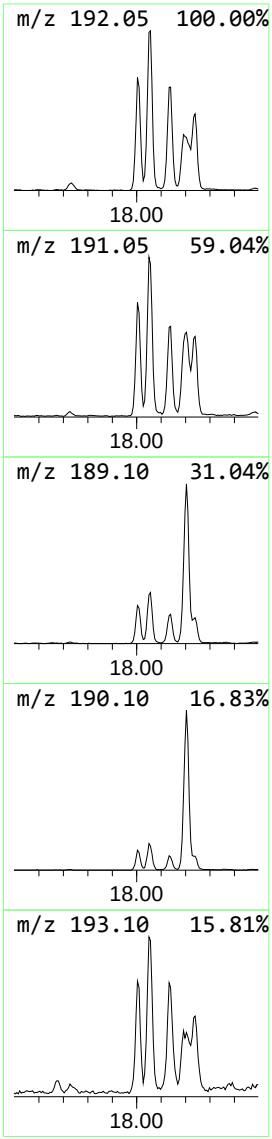
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.000	4.03 ng/ul	309283	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

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

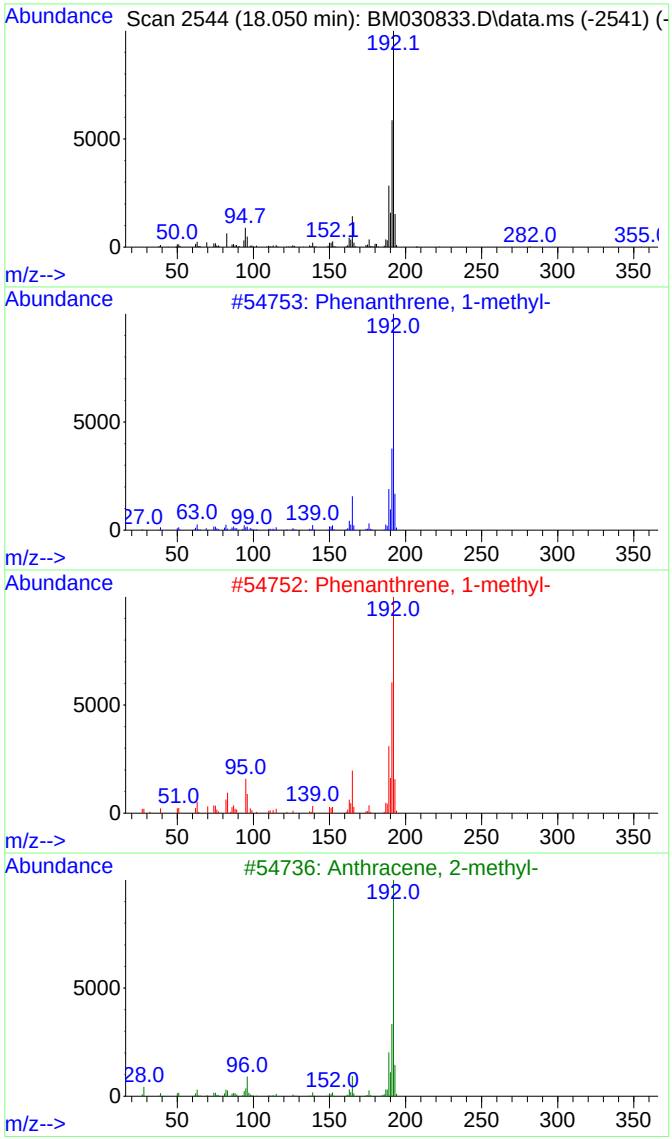
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

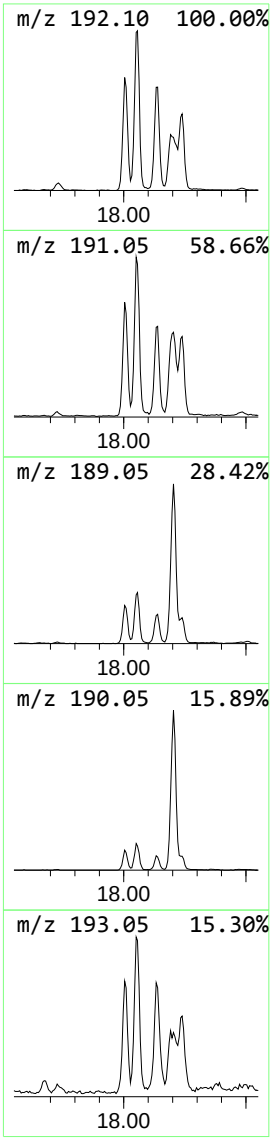
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	5.11 ng/ul	392452	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

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

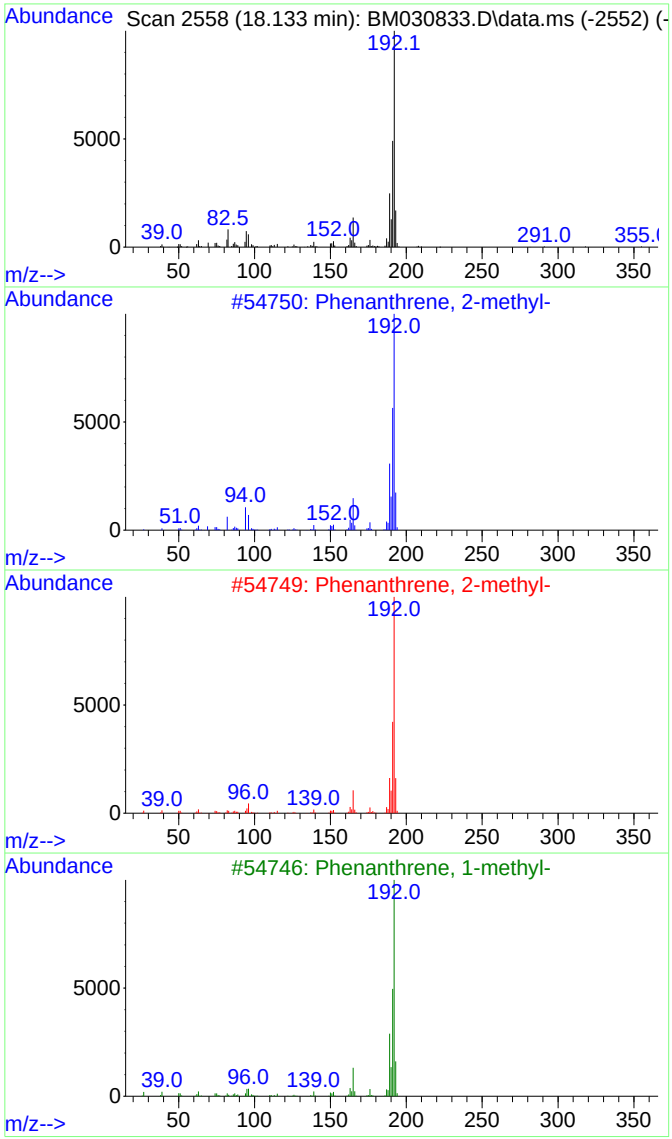
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

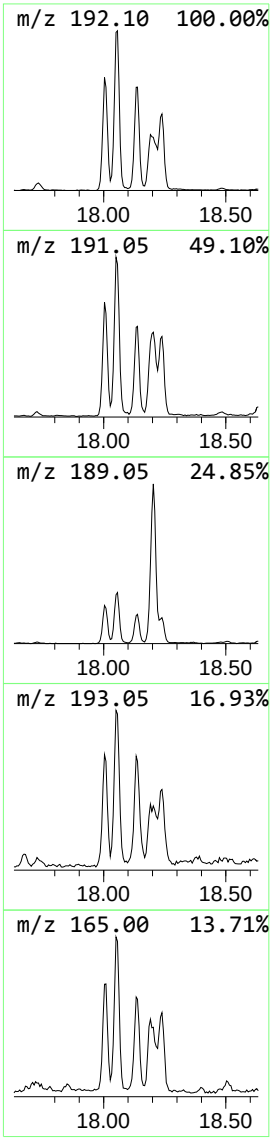
****

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.130	3.13 ng/ul	240592	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, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

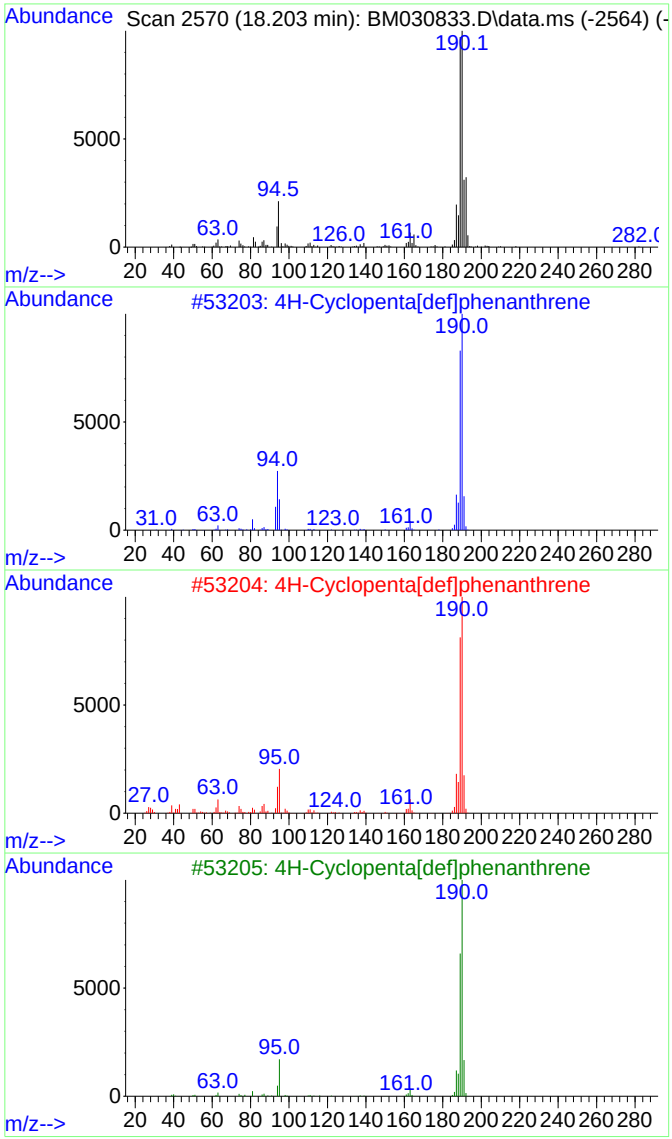
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

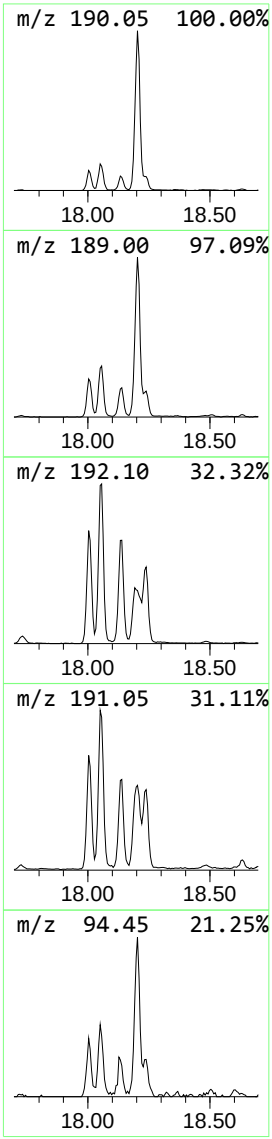
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.200	7.32 ng/ul	562212	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	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

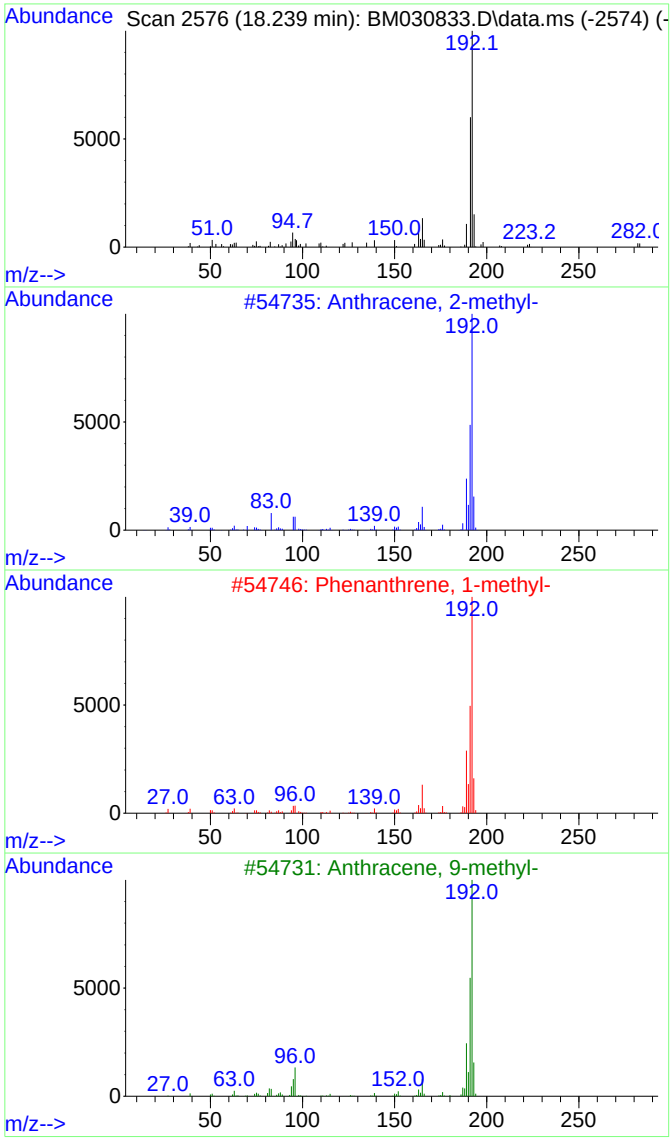
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

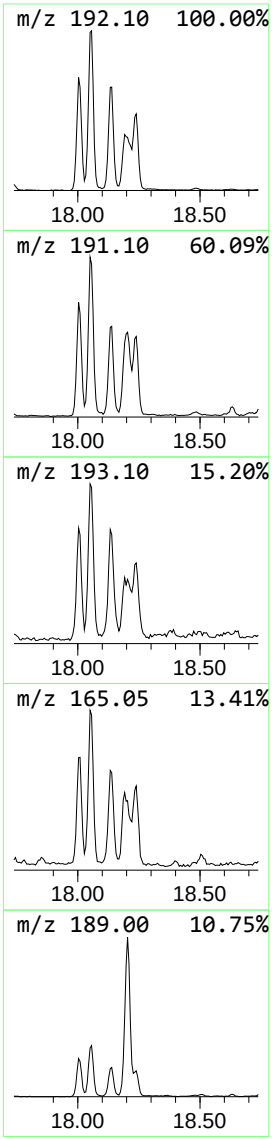
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	2.11 ng/ul	162033	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83





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Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

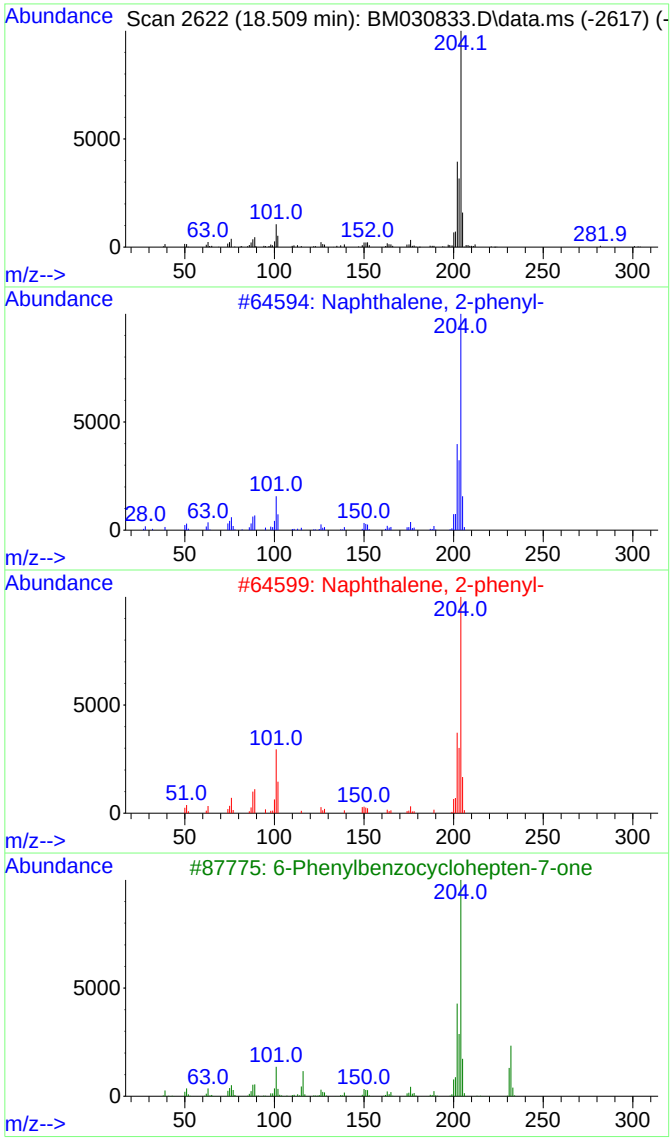
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

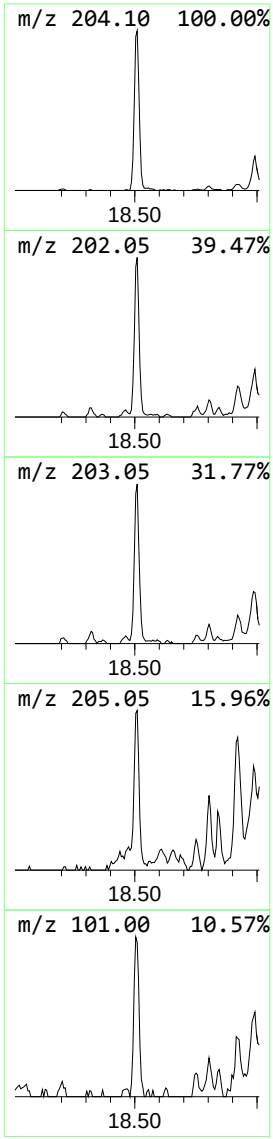
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.510	2.47 ng/ul	190143	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	90
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	80





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Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

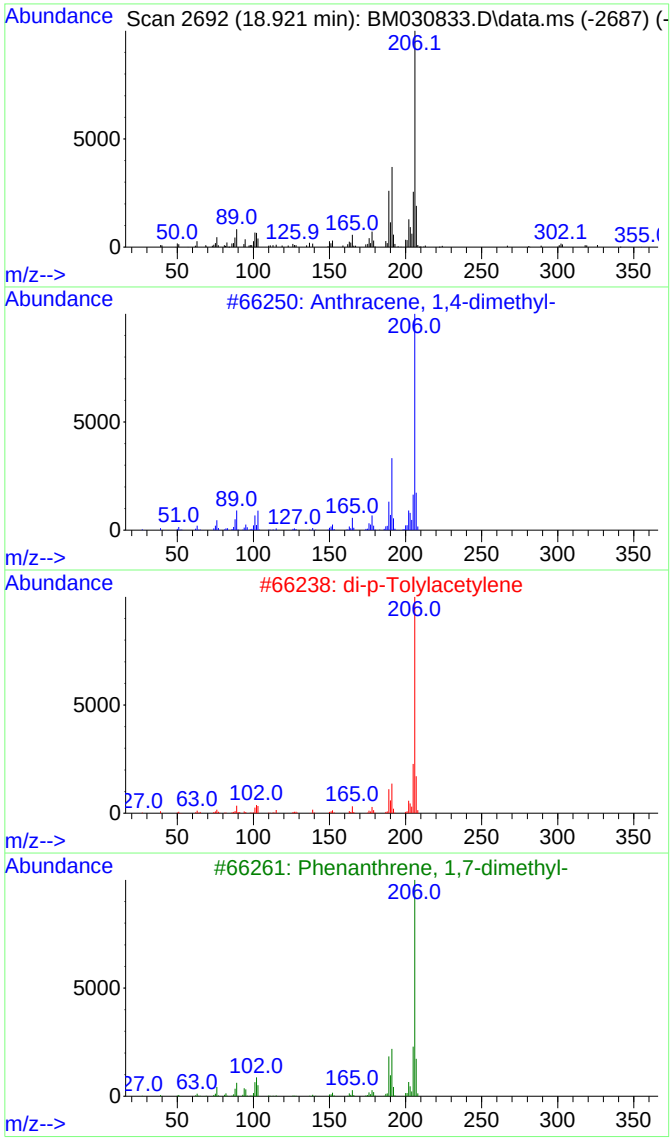
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

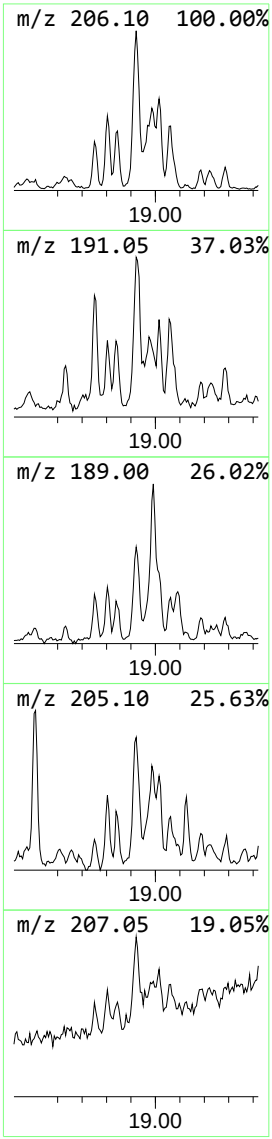
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 1,4-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.920	2.13 ng/ul	163890	Phenanthrene-d10	17.133

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90





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Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

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

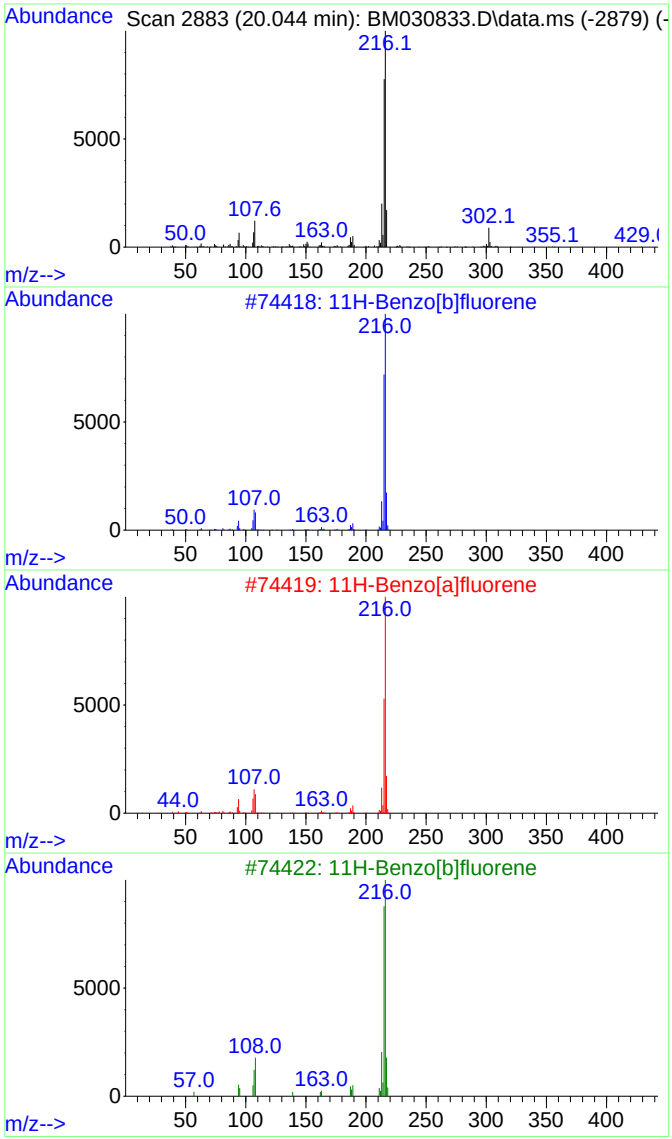
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

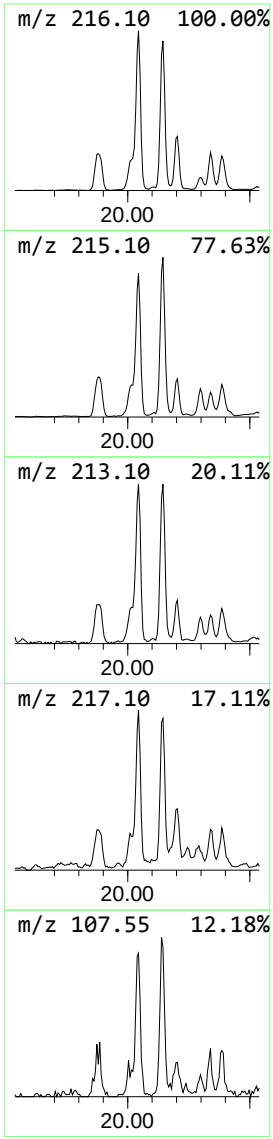
****

Peak Number 10 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.040	4.21 ng/ul	527538	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90





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Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDX5DL2

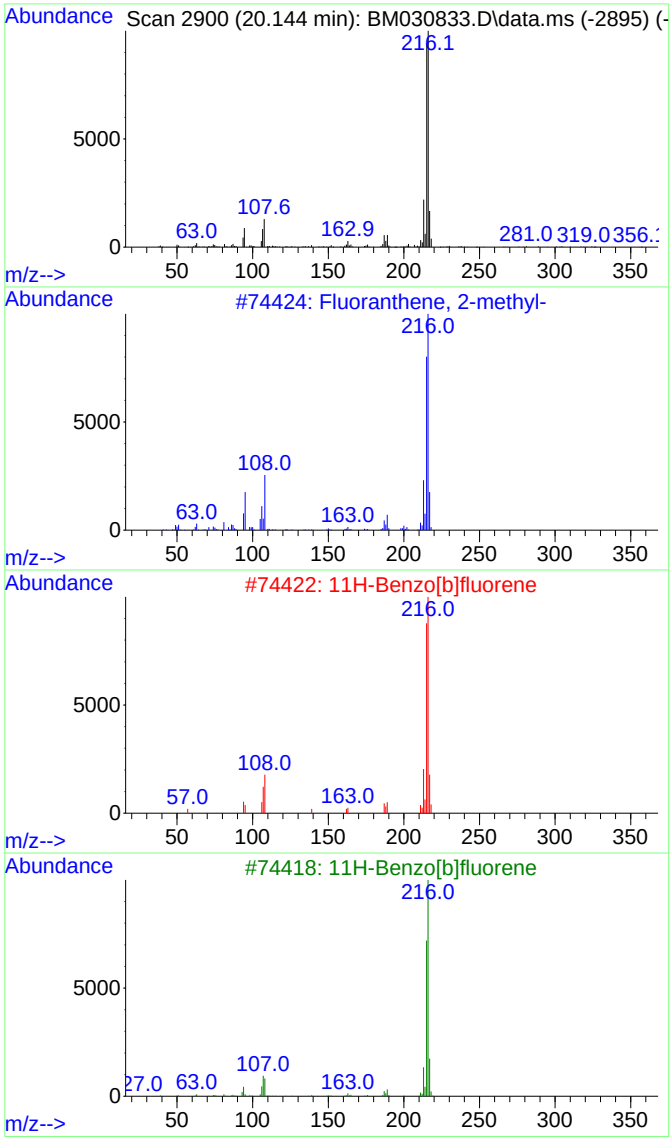
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

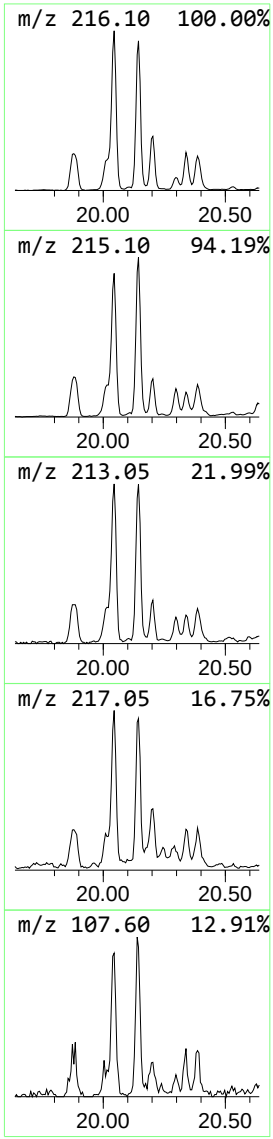
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Fluoranthene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.140	3.13 ng/ul	391388	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

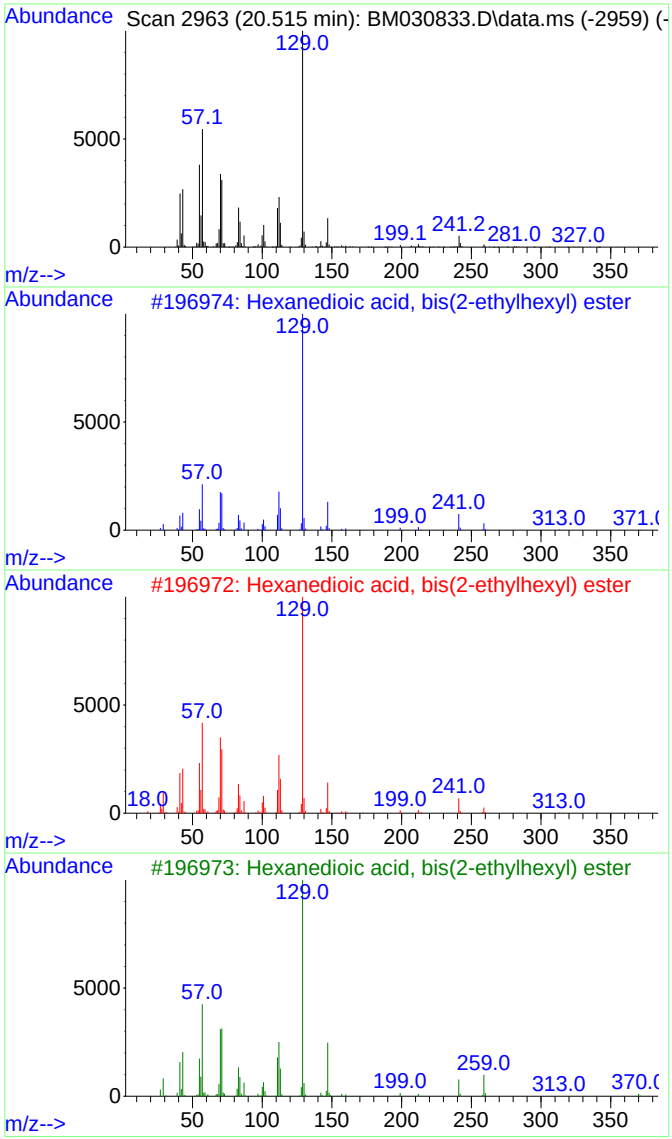
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM070621.M
Quant Title : SVOA CALIBRATION

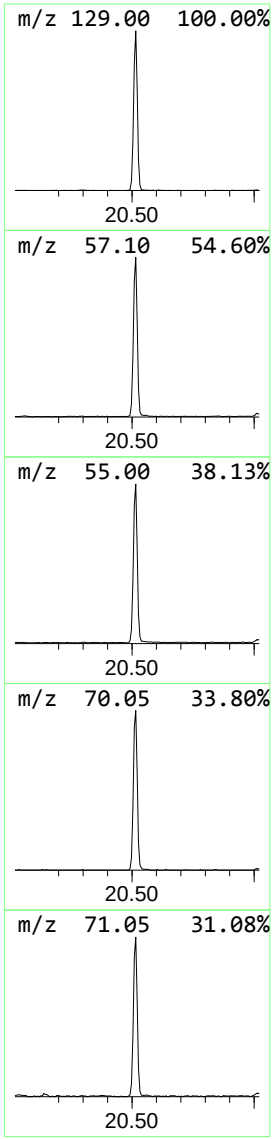
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.520	6.08 ng/ul	761774	Chrysene-d12	21.303

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	91
2	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Diisooctyl adipate	370	C22H42O4	001330-86-5	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	74





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Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

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

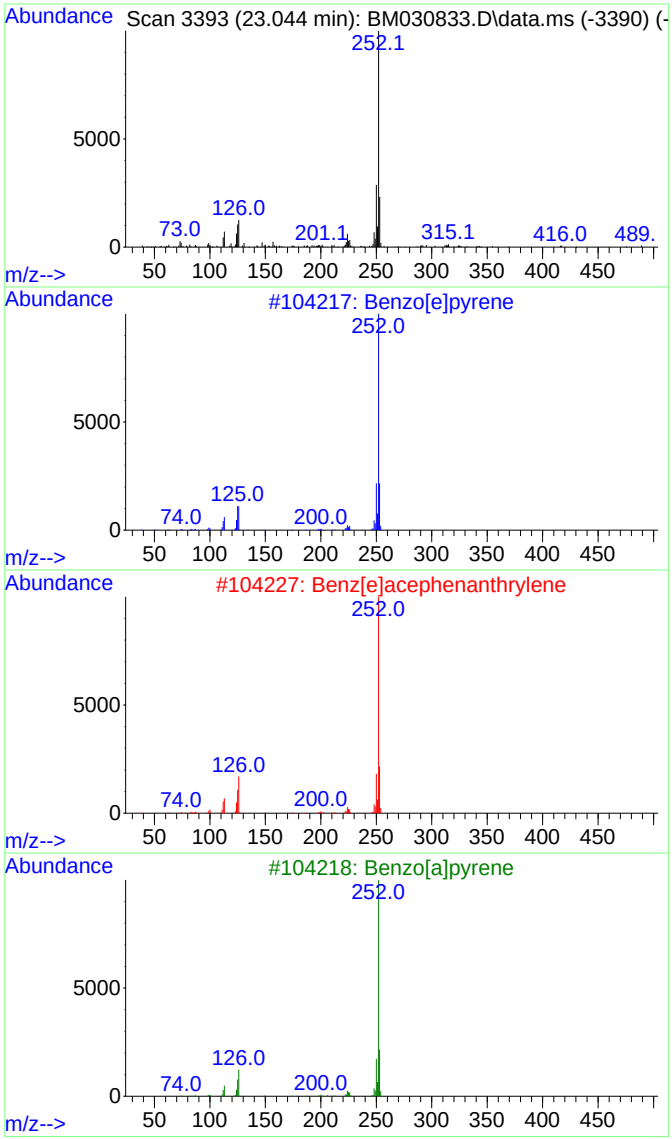
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

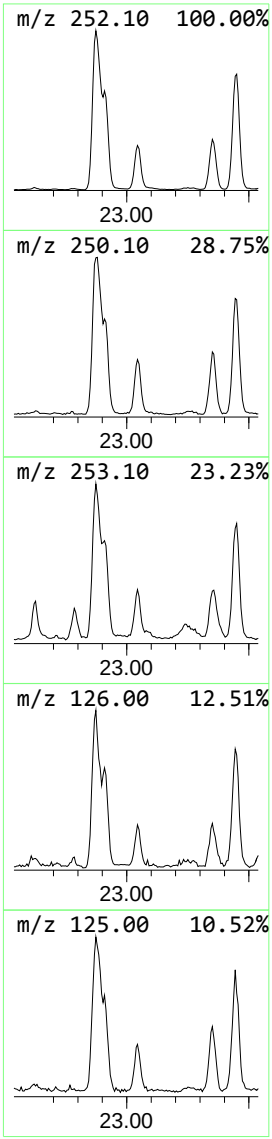
****

Peak Number 13 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.040	2.55 ng/ul	159124	Perylene-d12	23.544

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	95
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM070621\
Data File : BM030833.D
Acq On : 06 Jul 2021 23:22
Operator : CG/JU
Sample : M2869-07DL2 10X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDX5DL2

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
[1,1'-Biphenyl]...	15.880	2.6	ng/ul	198158	4	17.133	1536790	20.0
Naphtho[2,1-b]t...	16.950	2.3	ng/ul	176559	4	17.133	1536790	20.0
Phenanthrene, 2...	18.000	4.0	ng/ul	309283	4	17.133	1536790	20.0
Phenanthrene, 1...	18.050	5.1	ng/ul	392452	4	17.133	1536790	20.0
unknown-01	18.130	3.1	ng/ul	240592	4	17.133	1536790	20.0
4H-Cyclopenta[d...	18.200	7.3	ng/ul	562212	4	17.133	1536790	20.0
Anthracene, 2-m...	18.240	2.1	ng/ul	162033	4	17.133	1536790	20.0
Naphthalene, 2-...	18.510	2.5	ng/ul	190143	4	17.133	1536790	20.0
Anthracene, 1,4...	18.920	2.1	ng/ul	163890	4	17.133	1536790	20.0
11H-Benzo[b]flu...	20.040	4.2	ng/ul	527538	5	21.303	2504090	20.0
Fluoranthene, 2...	20.140	3.1	ng/ul	391388	5	21.303	2504090	20.0
Hexanedioic aci...	20.520	6.1	ng/ul	761774	5	21.303	2504090	20.0
Benzo[e]pyrene	23.040	2.5	ng/ul	159124	6	23.544	1249400	20.0