LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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-BM062221.M
Title : SVOA CALIBRATION

Signal : TIC: BM030548.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.722	105	108	118	rBV	52541	125210	1.77%	0.170%
2	5.457	398	403	416	rVB	75863	155680	2.20%	0.211%
3	6.975	653	661	669	rBV	197233	347532	4.90%	0.471%
4	7.140	683	689	698	rBV	157851	260713	3.68%	0.353%
5	7.339	716	723	731	rBV	212568	352271	4.97%	0.477%
6	7.804	794	802	811	rVB	802629	1268588	17.90%	1.719%
7	8.510	912	922	931	rBV	242966	422328	5.96%	0.572%
8	8.963	993	999	1006	rVV	181628	316746	4.47%	0.429%
9	9.681	1113	1121	1128	rBV	144448	251938	3.56%	0.341%
10	10.216	1202	1212	1222	rBV	233120	420588	5.94%	0.570%
11	10.592	1266	1276	1283	rBV	1115437	1906365	26.90%	2.583%
12	10.733	1292	1300	1312	rBV	171907	336092	4.74%	0.455%
13	13.610	1778	1789	1798	rBV4	59850	165549	2.34%	0.224%
14	13.757	1808	1814	1819	rBV	121287	210984	2.98%	0.286%
15	13.845	1825	1829	1835	rVB	439284	604509	8.53%	0.819%
16	13.992	1846	1854	1858	rBV	59245	103611	1.46%	0.140%
17	14.127	1867	1877	1881	rBV	495603	845777	11.94%	1.146%
18	14.433	1918	1929	1936	rBV	1716159	2707795	38.21%	3.669%
19	14.498	1936	1940	1948	rVV2	129996	238619	3.37%	0.323%
20	14.645	1959	1965	1974	rBV3	64845	153287	2.16%	0.208%
21	14.833	1985	1997	2005	rVV	276264	497931	7.03%	0.675%
22	14.910	2005	2010	2015	rVV	99617	138410	1.95%	0.188%
23	15.051	2026	2034	2039	rBV3	82443	172693	2.44%	0.234%
24	15.104	2039	2043	2048	rVB	74888	106262	1.50%	0.144%
25	15.227	2055	2064	2066	rBV2	64536	129267	1.82%	0.175%
26	15.304	2072	2077	2082	rVV2	49950	90814	1.28%	0.123%
27	15.427	2090	2098	2102	rVV	731897	1101768	15.55%	1.493%
28	15.480	2102	2107	2115	rVV	566595	936234	13.21%	1.269%
29	15.551	2115	2119	2122	rVV	67863	112693	1.59%	0.153%
30	15.592	2122	2126	2131	rVV3	51482	132232	1.87%	0.179%
31	15.639	2131	2134	2138	rVV5	49543	88416	1.25%	0.120%
32	15.692	2139	2143	2147	rVV3	48982	89922	1.27%	0.122%
33	15.774	2152	2157	2164	rVV	246295	390096	5.51%	0.529%
34	15.845	2164	2169	2173	rVV	150263	201708	2.85%	0.273%
35	15.921	2173	2182	2190	rVB2	263833	601963	8.50%	0.816%
36	16.010	2190	2197	2202	rBV2	51388	92149	1.30%	0.125%

LSC Area Percent Report

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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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-BM062221.M
Title : SVOA CALIBRATION

37	16.157	2216	2222	2232	rVB4	60277	122273	1.73%	0.166%
38	16.480	2269	2277	2282	rVV2	196528	419569	5.92%	0.569%
39	16.533	2282	2286	2291	rVV	84737	137957	1.95%	0.187%
40	16.633	2298	2303	2308	rVV	98334	162404	2.29%	0.220%
41	16.709	2309	2316	2320	rVV2	146904	268311	3.79%	0.364%
42	16.751	2320	2323	2326	rVV	136527	201035	2.84%	0.272%
43	16.780	2326	2328	2333	rVV	64364	101732	1.44%	0.138%
44	16.833	2333	2337	2344	rVV3	81673	162834	2.30%	0.221%
45	16.909	2344	2350	2357	rVV2	147725	341201	4.82%	0.462%
46	16.992	2360	2364	2374	rVB	239319	410405	5.79%	0.556%
47	17.174	2389	2395	2399	rBV	2147151	3244706	45.79%	4.397%
48	17.215	2399	2402	2408	rVV	4108428	5728281	80.84%	7.762%
49	17.274	2408	2412	2414	rVV	757828	1033441	14.58%	1.400%
50	17.309	2414	2418	2423	rVV	1371748	1960939	27.67%	2.657%
51	17.362	2423	2427	2433	rVB3	91910	166089	2.34%	0.225%
52	17.615	2466	2470	2476	rVV2	72881	164530	2.32%	0.223%
53	17.692	2480	2483	2490	rVV2	99393	166073	2.34%	0.225%
54	17.756	2490	2494	2503	rVB7	57637	129640	1.83%	0.176%
55	18.051	2538	2544	2548	rBV	540277	833049	11.76%	1.129%
56	18.098	2548	2552	2558	rVB	742297	1060408	14.97%	1.437%
57	18.174	2560	2565	2570	rBV	420491	591885	8.35%	0.802%
58	18.245	2571	2577	2581	rVV3	923695	1626876	22.96%	2.204%
59	18.280	2581	2583	2591	rVB	342309	423063	5.97%	0.573%
60	18.498	2615	2620	2624	rBV	103192	163653	2.31%	0.222%
61	18.545	2624	2628	2633	rVV	384154	534903	7.55%	0.725%
62	18.792	2667	2670	2674	rBV	85220	112302	1.58%	0.152%
63	18.845	2675	2679	2682	rVV	137658	172825	2.44%	0.234%
64	18.880	2682	2685	2689	rVB	117341	153436	2.17%	0.208%
65	18.962	2694	2699	2703	rBV2	274728	497692	7.02%	0.674%
66	19.033	2706	2711	2713	rBV2	132065	188636	2.66%	0.256%
67	19.103	2719	2723	2731	rVB2	119961	258763	3.65%	0.351%
68	19.227	2738	2744	2751	rBV	5151003	7085786	100.00%	9.601%
69	19.292	2751	2755	2758	rVV	78108	95093	1.34%	0.129%
70	19.327	2758	2761	2765	rVB2	109561	129345	1.83%	0.175%
71	19.380	2765	2770	2774	rBV	454693	607068	8.57%	0.823%
72	19.556	2795	2800	2803	rBV3	1180993	1889422	26.66%	2.560%
73	19.592	2803	2806	2814	rVV	1932031	2699309	38.09%	3.658%
74	19.662	2814	2818	2825	rVB2	248139	381335	5.38%	0.517%
75	19.768	2831	2836	2842	rVB	313058	466362	6.58%	0.632%
76	19.827	2843	2846	2851	rVB2	105179	169824	2.40%	0.230%

LSC Area Percent Report

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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

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

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Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Title : SVOA CALIBRATION

77	19.915	2855	2861	2870	rBV6	294072	727787	10.27%	0.986%
78	20.050	2878	2884	2885	rBV3	216819	325741	4.60%	0.441%
79	20.086	2885	2890	2895	rVB2	913639	1286901	18.16%	1.744%
80	20.186	2902	2907	2910	rBV2	824412	1096090	15.47%	1.485%
81	20.239	2910	2916	2921	rVV2	358290	651513	9.19%	0.883%
82	20.327	2927	2931	2936	rBV3	98885	189747	2.68%	0.257%
83	20.380	2937	2940	2943	rVV	86911	108582	1.53%	0.147%
84	20.427	2944	2948	2952	rVB2	165820	236117	3.33%	0.320%
85	20.556	2965	2970	2975	rVB	1971892	2121959	29.95%	2.875%
86	20.674	2987	2990	2992	rBV2	91543	107115	1.51%	0.145%
87	20.786	3006	3009	3013	rBV2	107461	166205	2.35%	0.225%
88	20.992	3041	3044	3047	rBV	161812	203842	2.88%	0.276%
89	21.033	3047	3051	3054	rVV	312112	428137	6.04%	0.580%
90	21.080	3054	3059	3077	rVB3	254758	744585	10.51%	1.009%
91	21.256	3087	3089	3093	rVB2	179669	186560	2.63%	0.253%
92	21.339	3097	3103	3107	rVV2	3081426	6045104	85.31%	8.191%
93	21.380	3107	3110	3120	rVB	1555304	2122847	29.96%	2.877%
94	21.497	3127	3130	3135	rBV3	138651	250242	3.53%	0.339%
95	21.550	3136	3139	3143	rVV	168534	213292	3.01%	0.289%
96	21.897	3195	3198	3202	rVB	289567	362430	5.11%	0.491%
97	22.191	3246	3248	3255	rVB3	181775	248335	3.50%	0.336%
98	22.933	3368	3374	3379	rBV	865486	2090608	29.50%	2.833%
99	23.109	3400	3404	3415	rVB	237469	412451	5.82%	0.559%
100	23.615	3484	3490	3497	rBV2	1232264	2334117	32.94%	3.163%

Sum of corrected areas: 73799502

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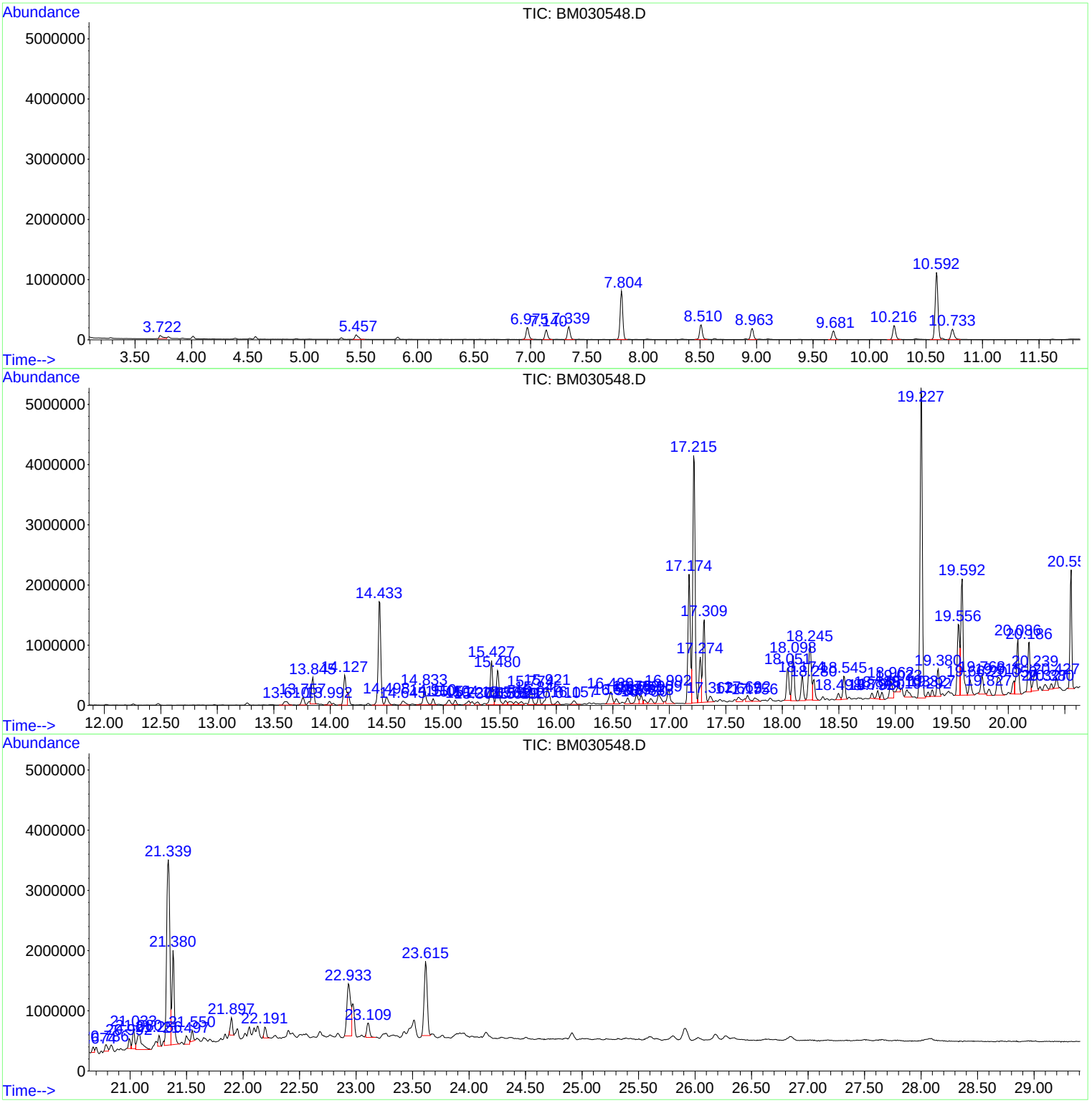
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
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Acq On : 23 Jun 2021 12:00
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BNA_M
ClientSampleId :
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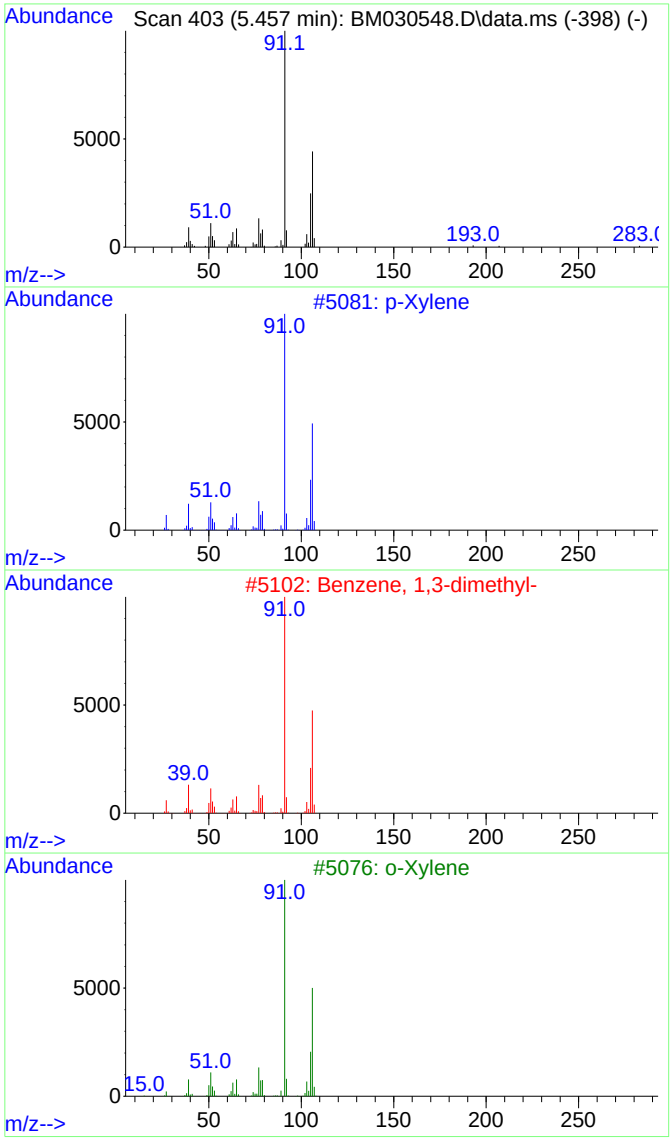
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

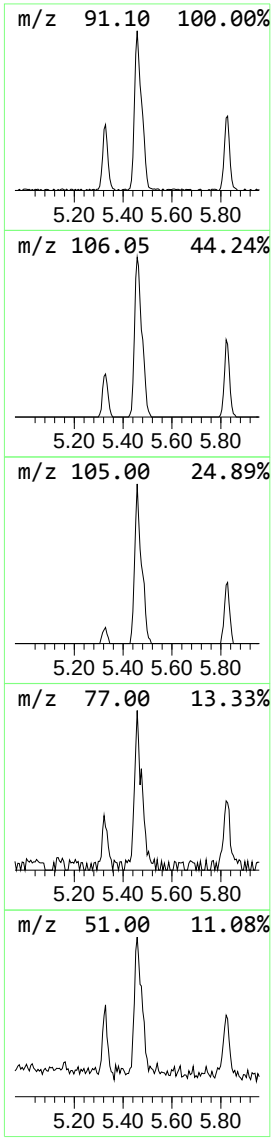
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 p-Xylene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.460	2.45 ng/ul	155680	1,4-Dichlorobenzene-d4	7.804

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

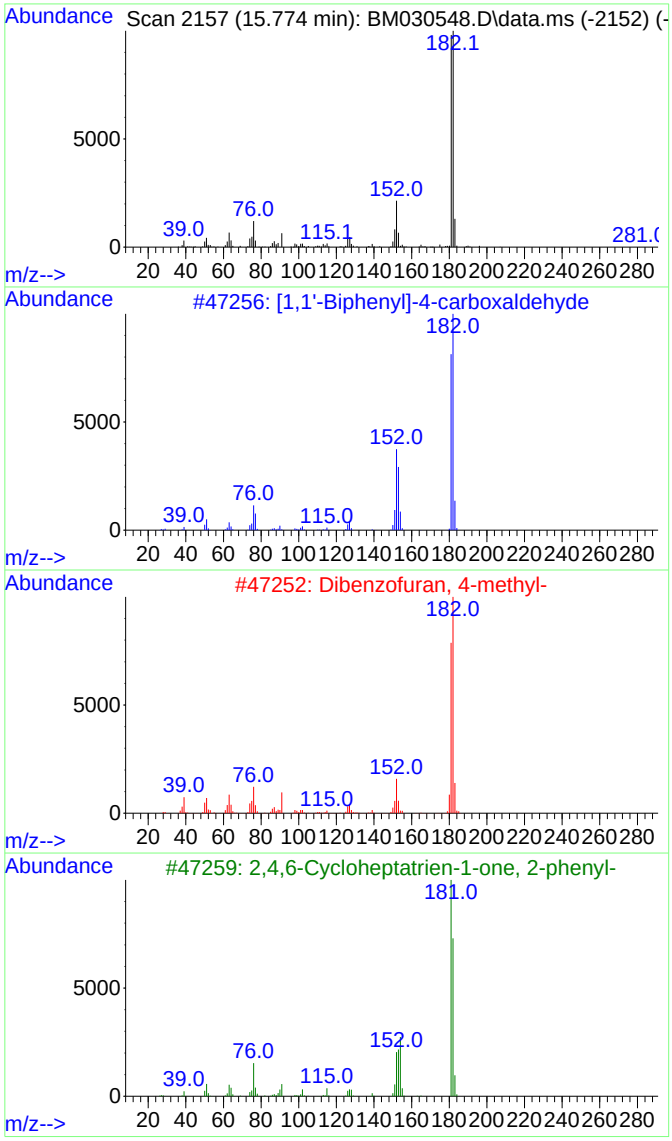
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

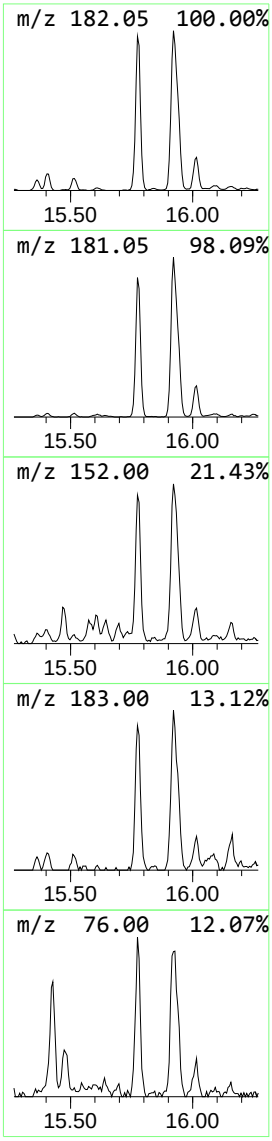
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.770	2.88 ng/ul	390096	Acenaphthene-d10	14.433

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	90
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78





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Acq On : 23 Jun 2021 12:00
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Misc :
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Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

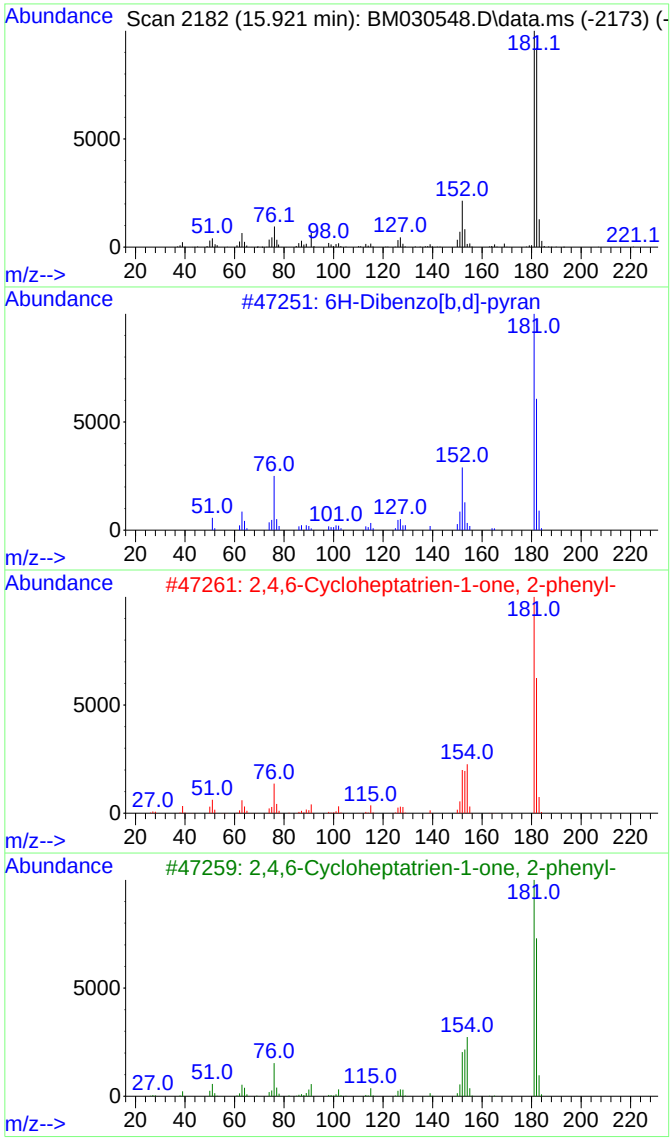
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

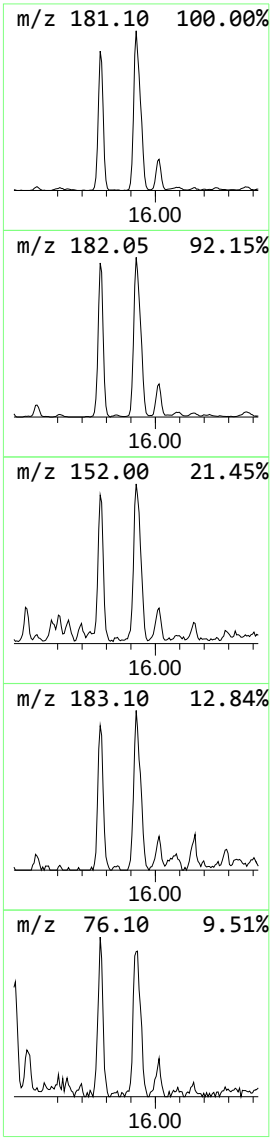
****

Peak Number 3 6H-Dibenzo[b,d]-pyran Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	3.71 ng/ul	601963	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	91
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
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	78
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	76





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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

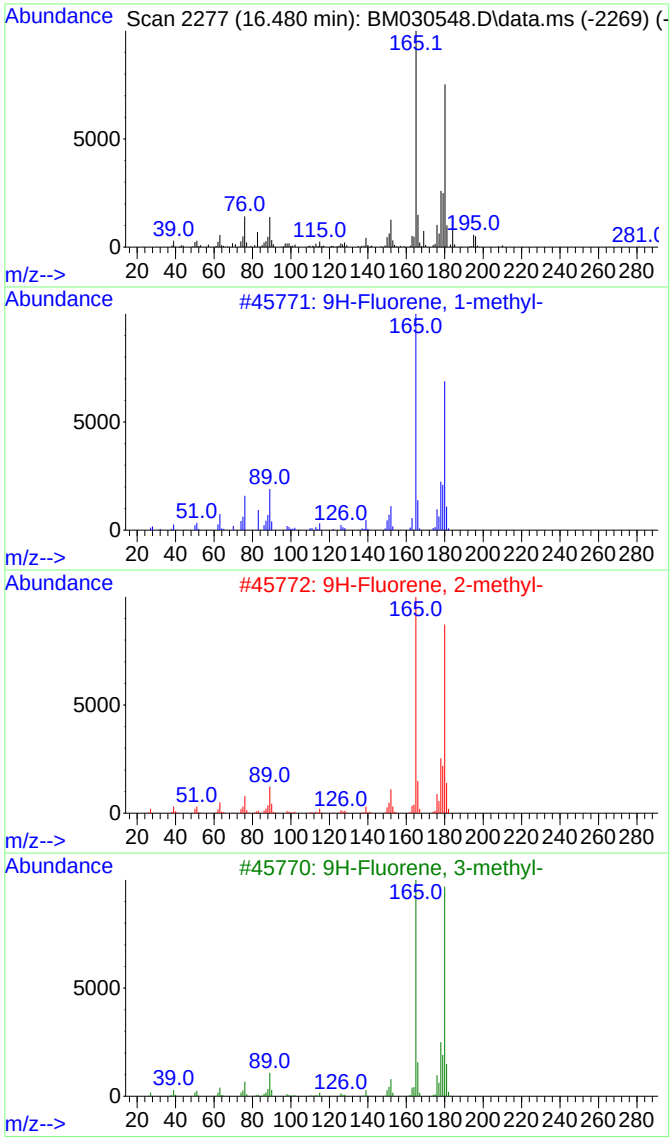
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

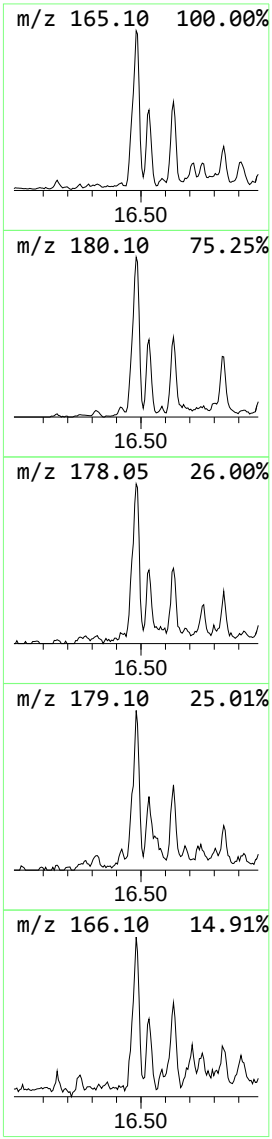
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.480	2.59 ng/ul	419569	Phenanthrene-d10	17.174

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	95
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	95
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	91
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

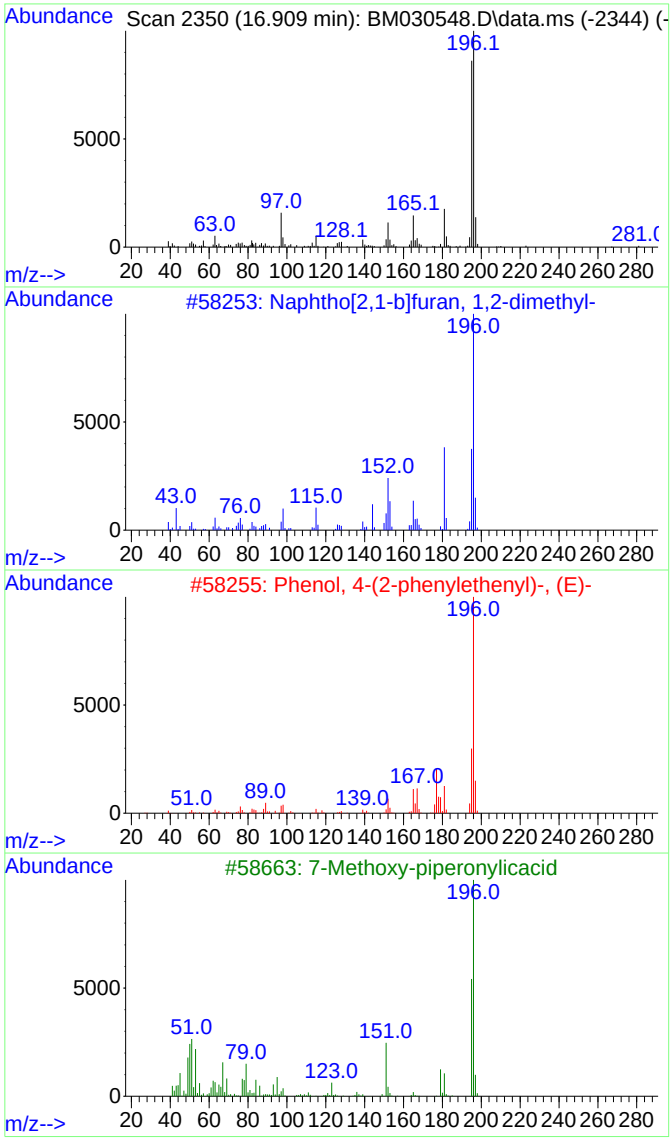
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

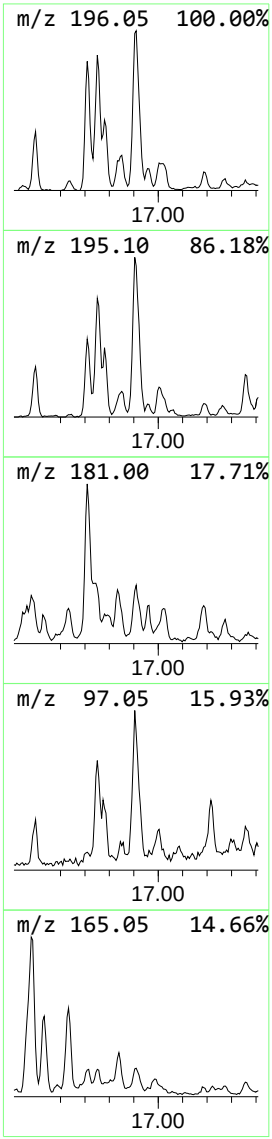
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.910	2.10 ng/ul	341201	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	64
2	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
3	7-Methoxy-piperonylicacid	196	C9H8O5	000526-34-1	50
4	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50
5	3,5-Dimethoxy-4-methylbenzoic acid	196	C10H12O4	061040-81-1	43





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Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

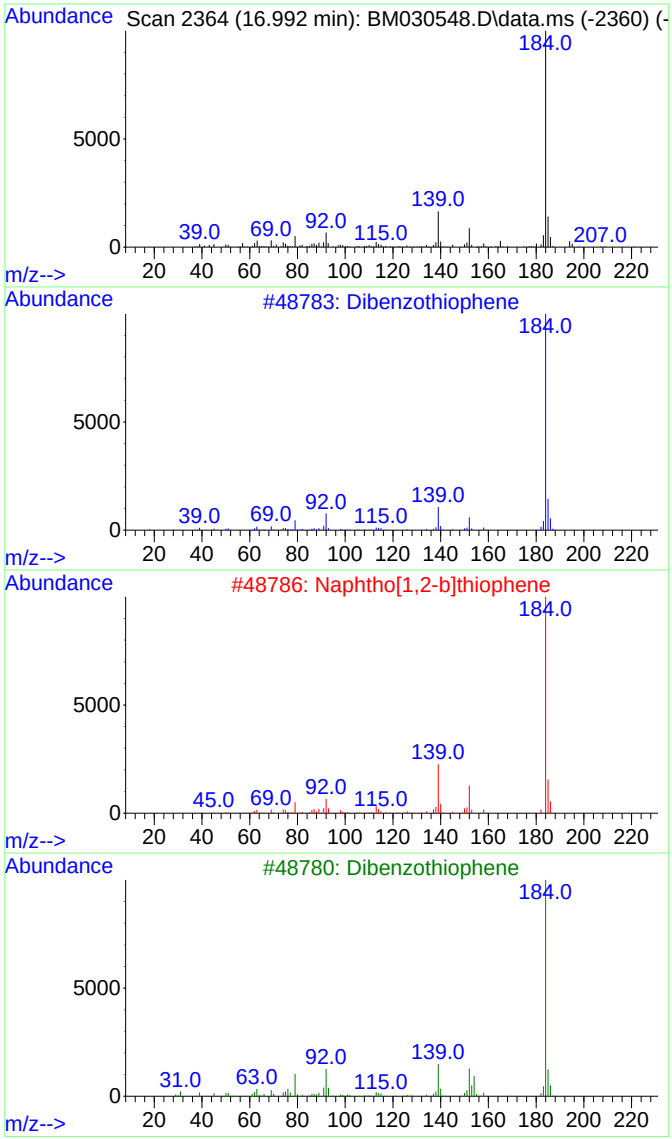
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

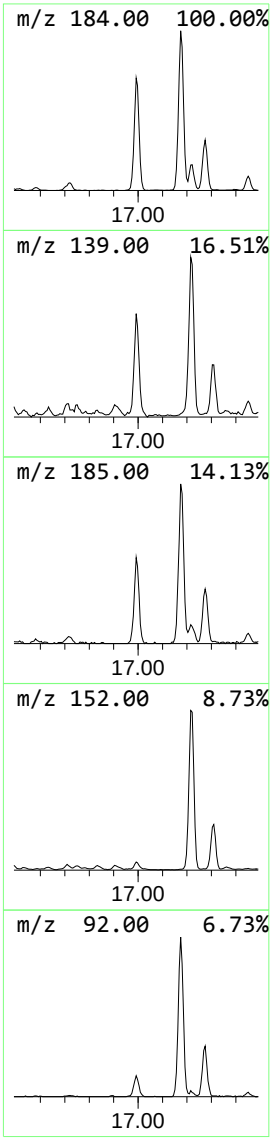
****

Peak Number 6 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.990	2.53 ng/ul	410405	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
3	Dibenzothiophene	184	C12H8S	000132-65-0	94
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
5	Dibenzothiophene	184	C12H8S	000132-65-0	93





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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

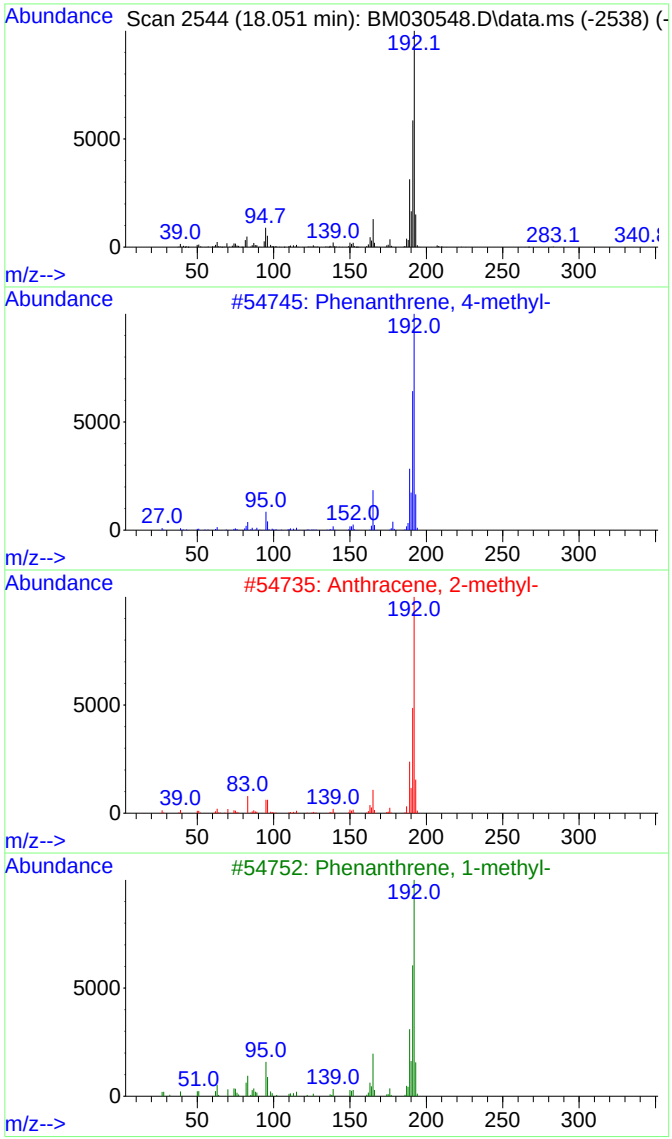
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

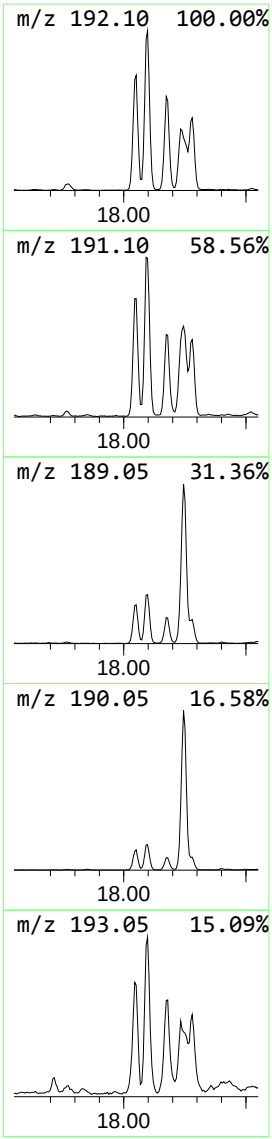
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.050	5.13 ng/ul	833049	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93





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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

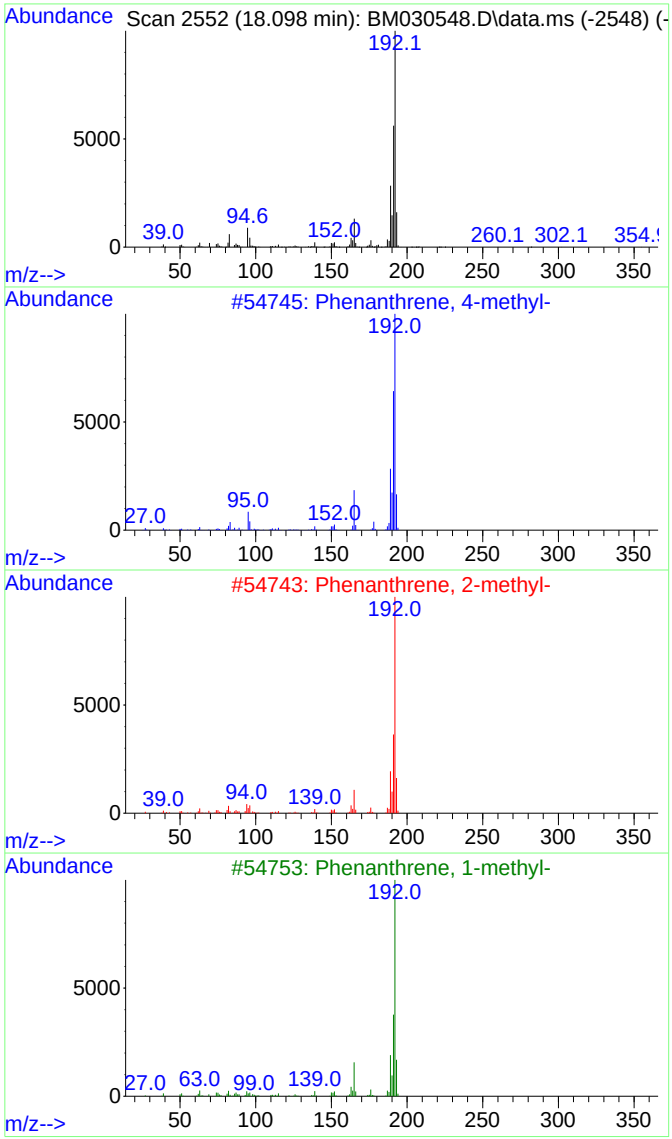
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

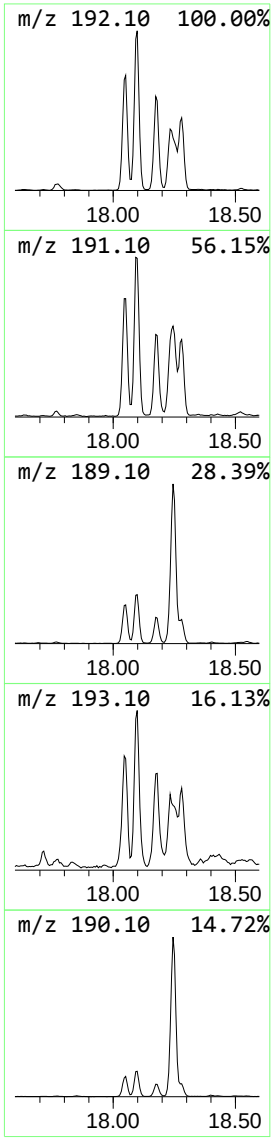
****

Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.100	6.54 ng/ul	1060410	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

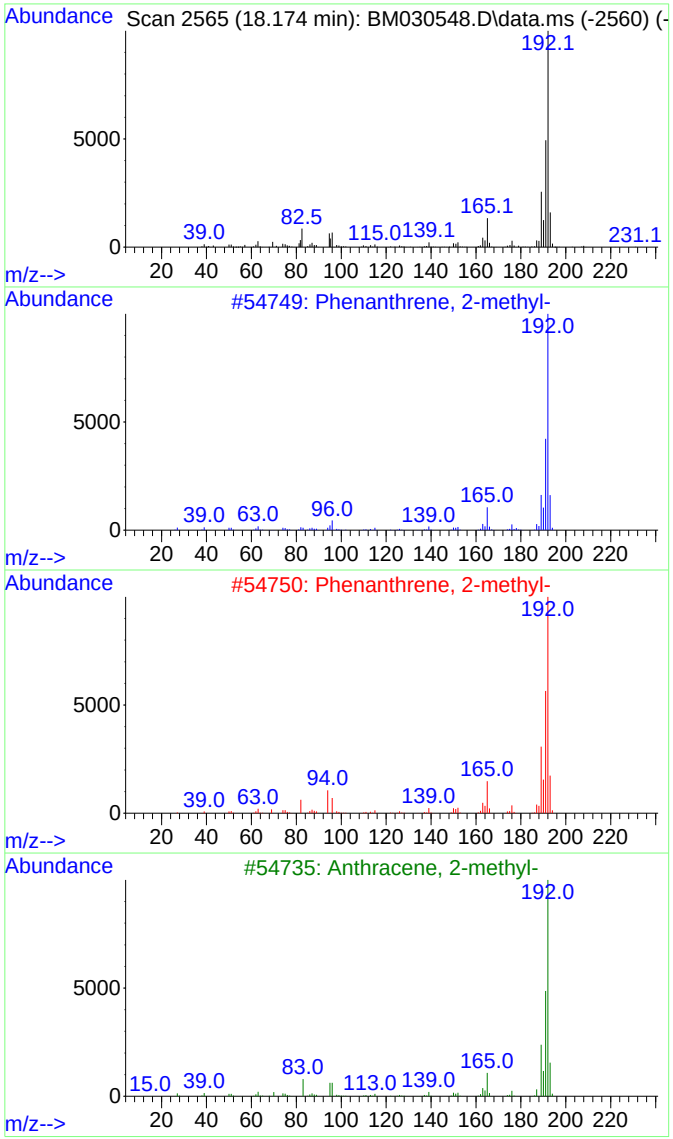
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

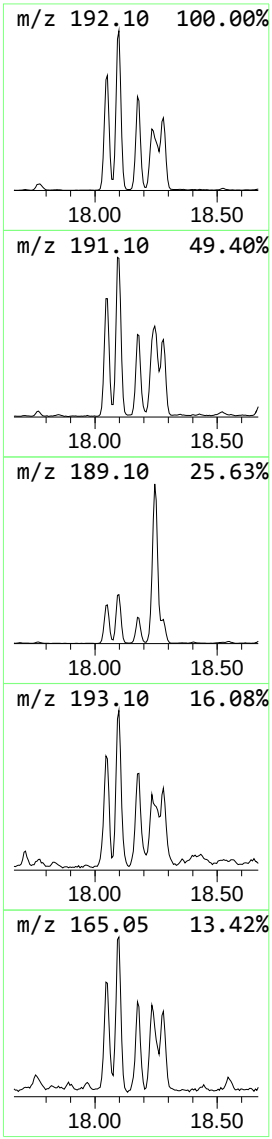
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.170	3.65 ng/ul	591885	Phenanthrene-d10	17.174

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	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96





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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

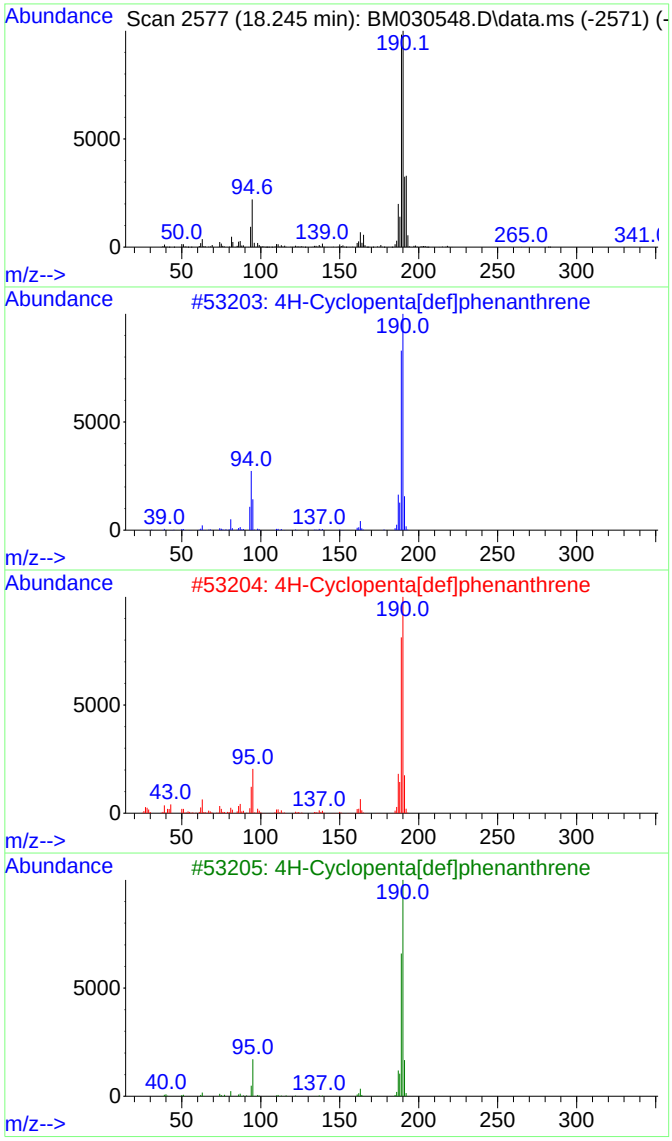
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

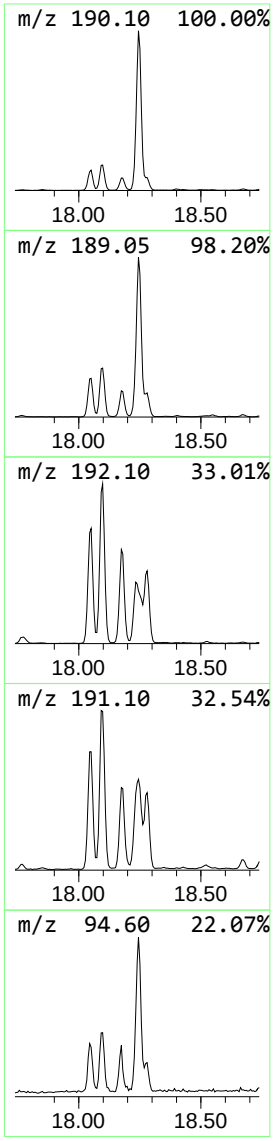
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	10.03 ng/ul	1626880	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50





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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

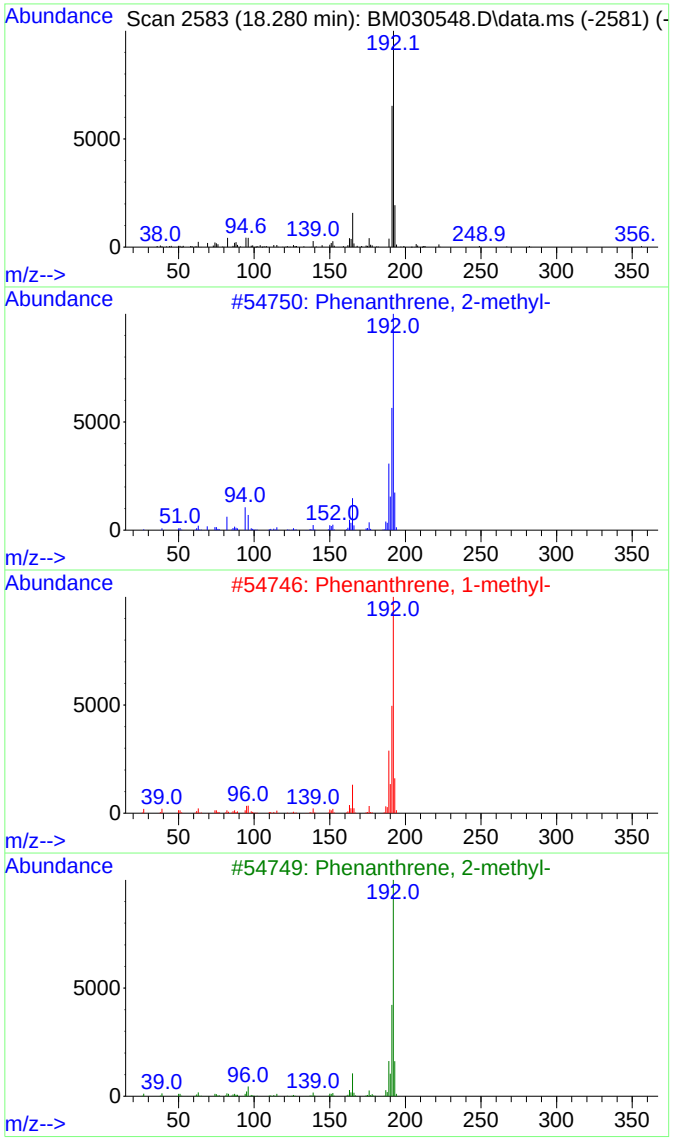
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

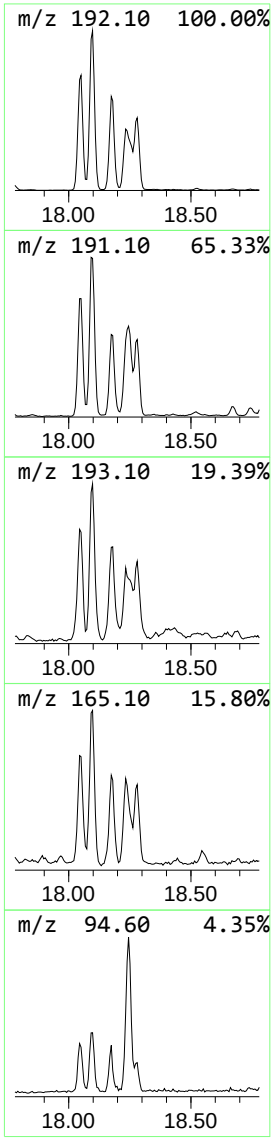
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Anthracene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.280	2.61 ng/ul	423063	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91





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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

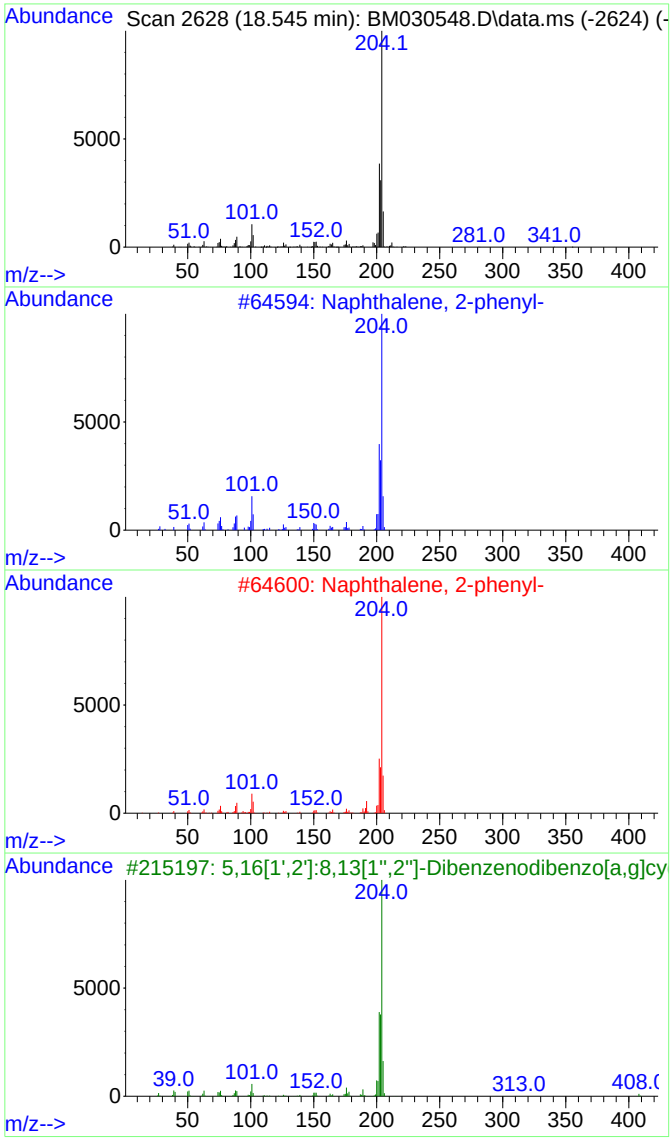
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

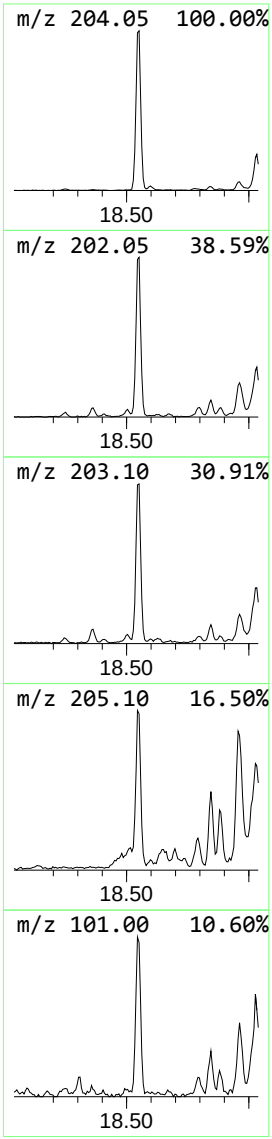
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	3.30 ng/ul	534903	Phenanthrene-d10	17.174

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	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70





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Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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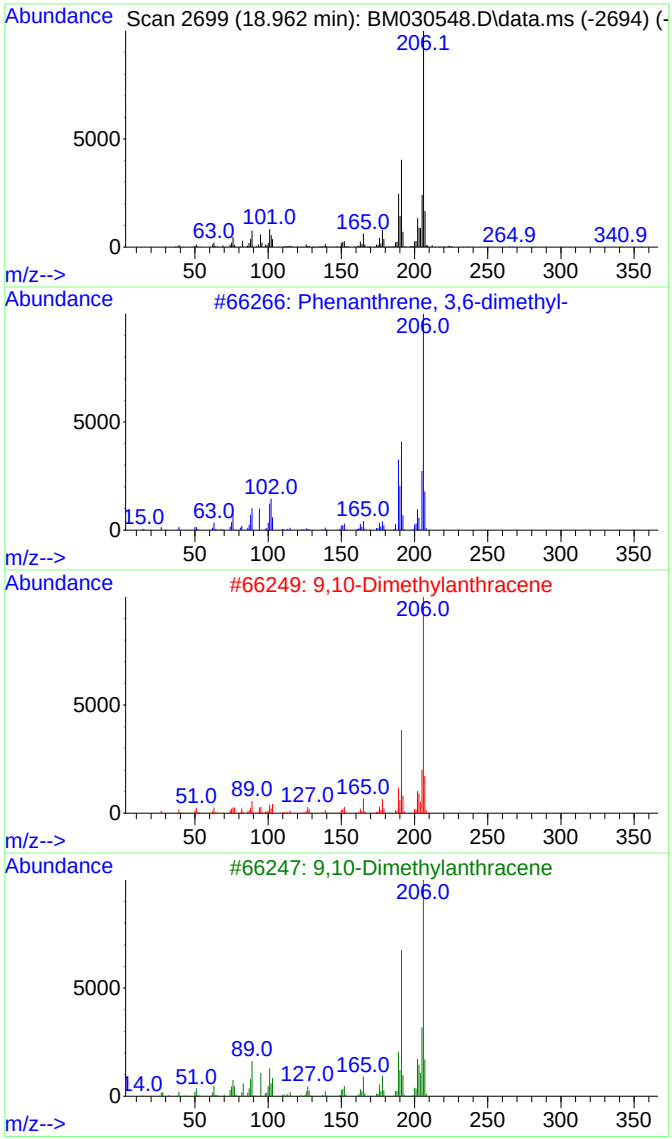
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

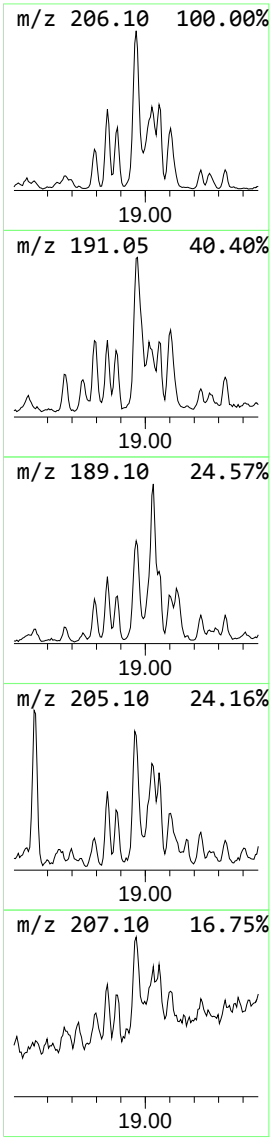
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.960	3.07 ng/ul	497692	Phenanthrene-d10	17.174

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91





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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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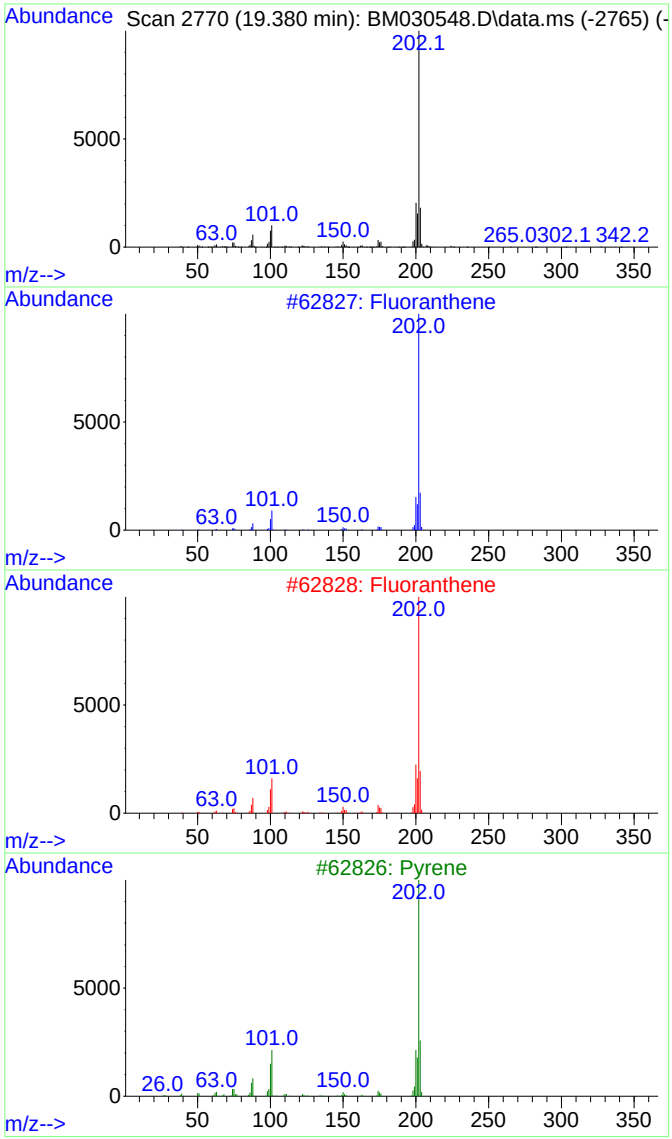
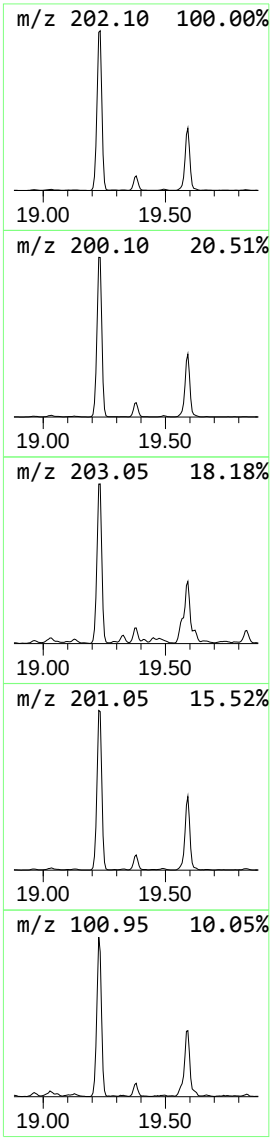
Peak Number 14 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.380	2.01 ng/ul	607068	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene	202	C16H10	000206-44-0	96
2	Fluoranthene	202	C16H10	000206-44-0	95
3	Pyrene	202	C16H10	000129-00-0	93
4	Pyrene	202	C16H10	000129-00-0	93
5	Pyrene	202	C16H10	000129-00-0	81





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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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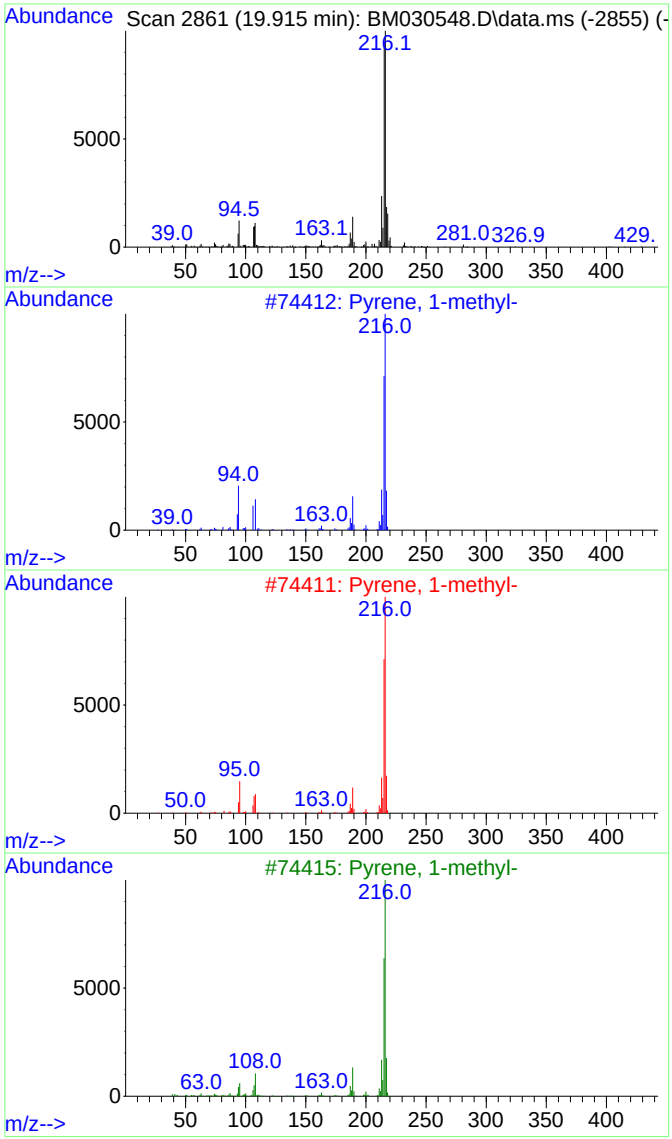
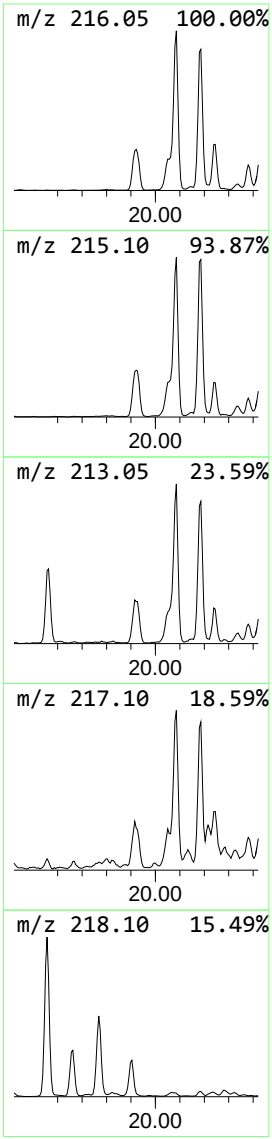
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.920	2.41 ng/ul	727787	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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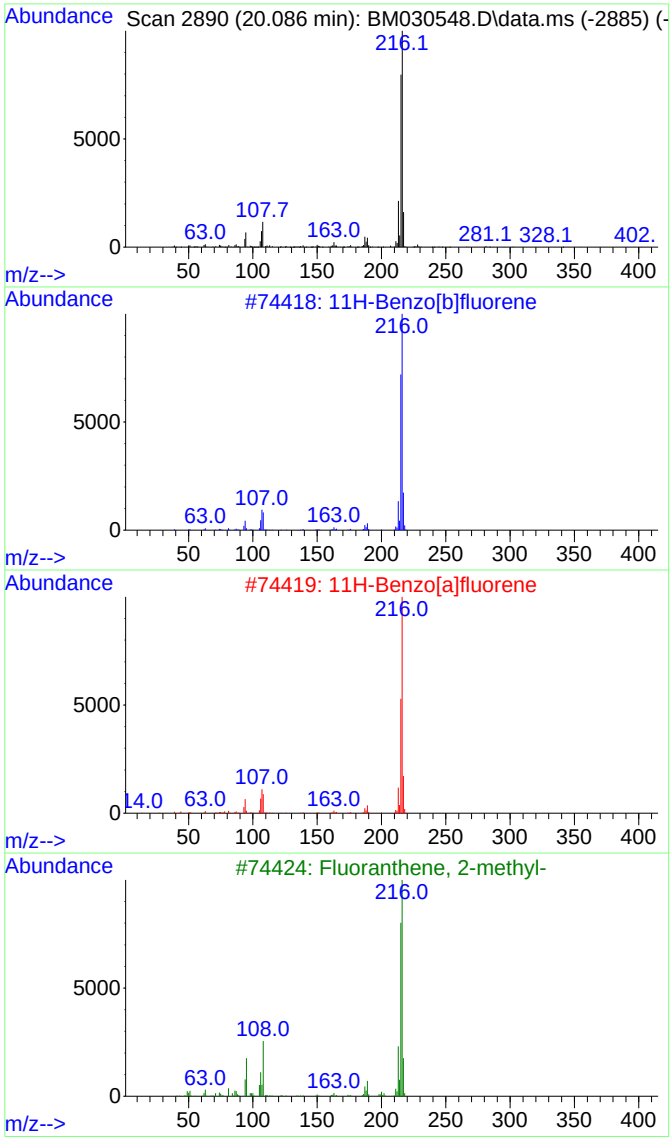
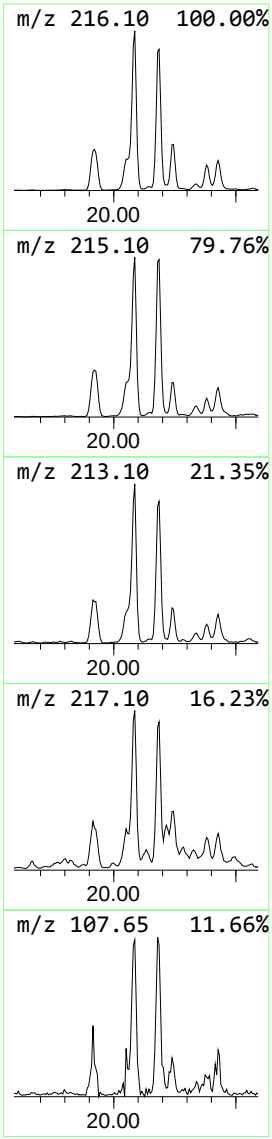
Peak Number 16 11H-Benzo[b]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.090	4.26 ng/ul	1286900	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87





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Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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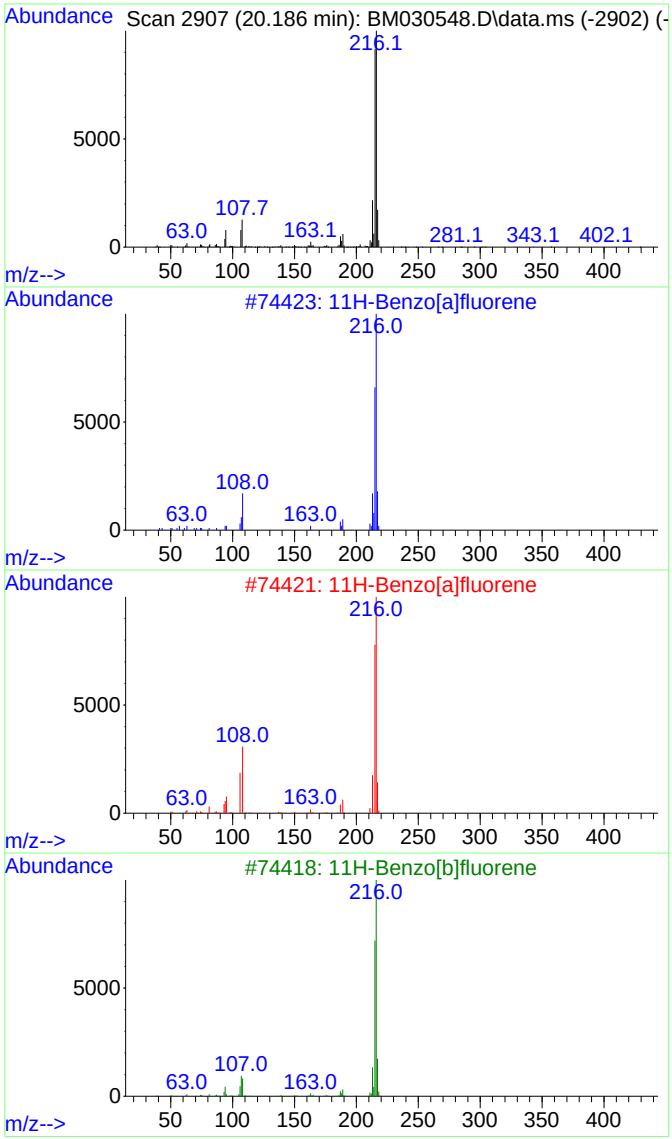
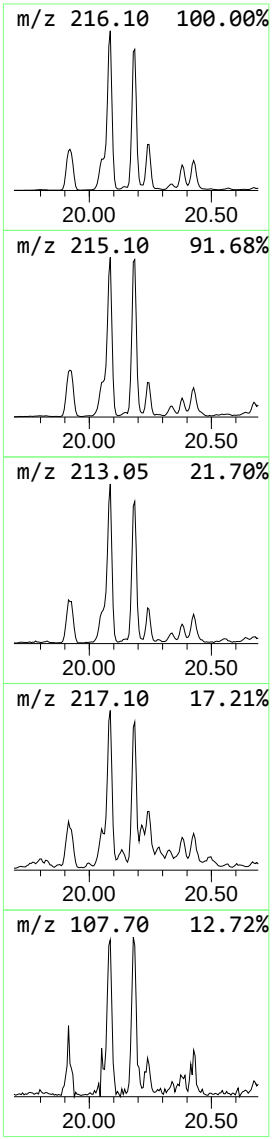
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.190	3.63 ng/ul	1096090	Chrysene-d12	21.344

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM062221\
Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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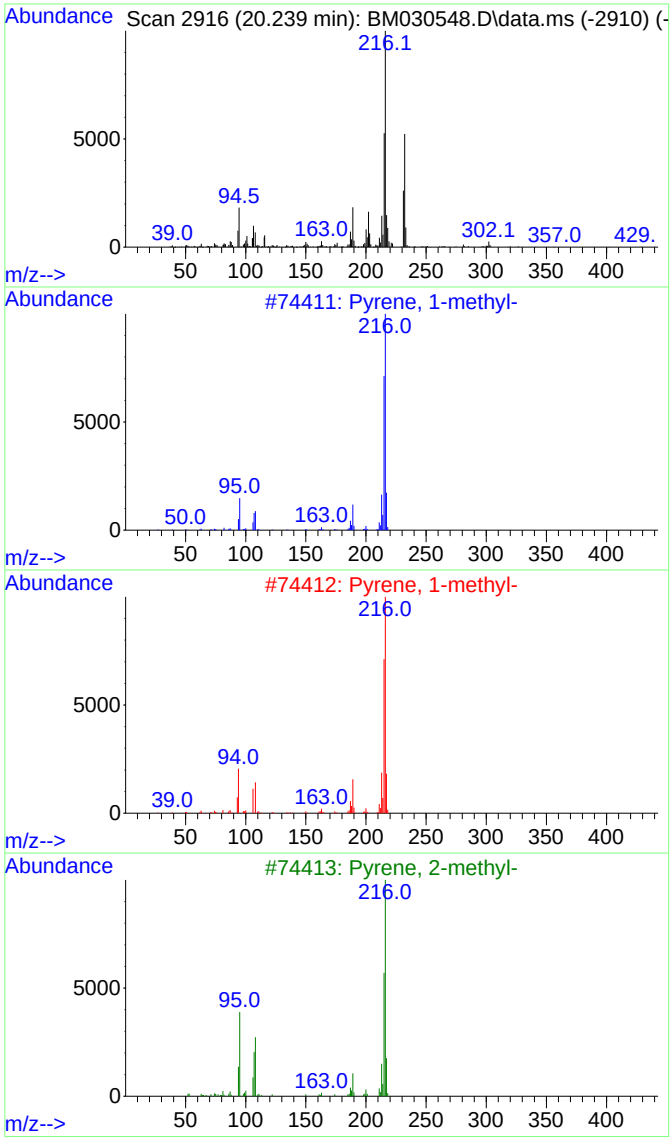
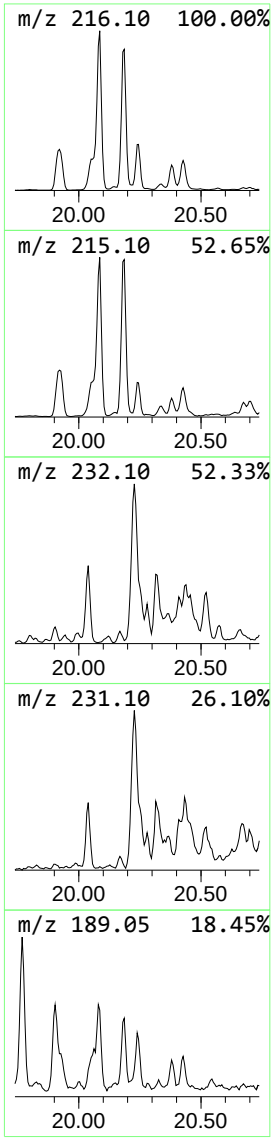
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.240	2.16 ng/ul	651513	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	55





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Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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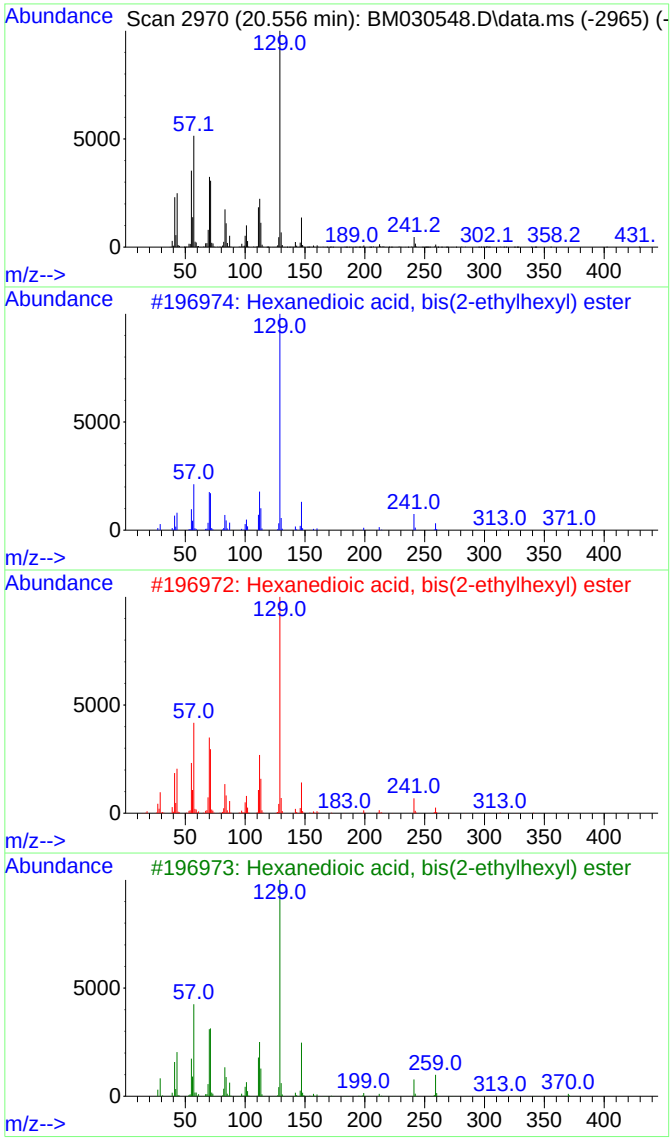
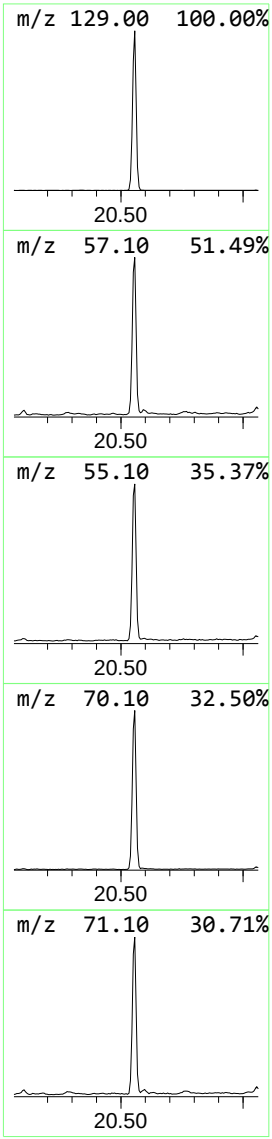
Peak Number 19 Hexanedioic acid, bis(2-eth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.560	7.02 ng/ul	2121960	Chrysene-d12	21.344

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	91
3	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	87
4	Hexanedioic acid, dioctyl ester	370	C22H42O4	000123-79-5	86
5	Hexanedioic acid, bis(2-ethylhex...	370	C22H42O4	000103-23-1	81





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Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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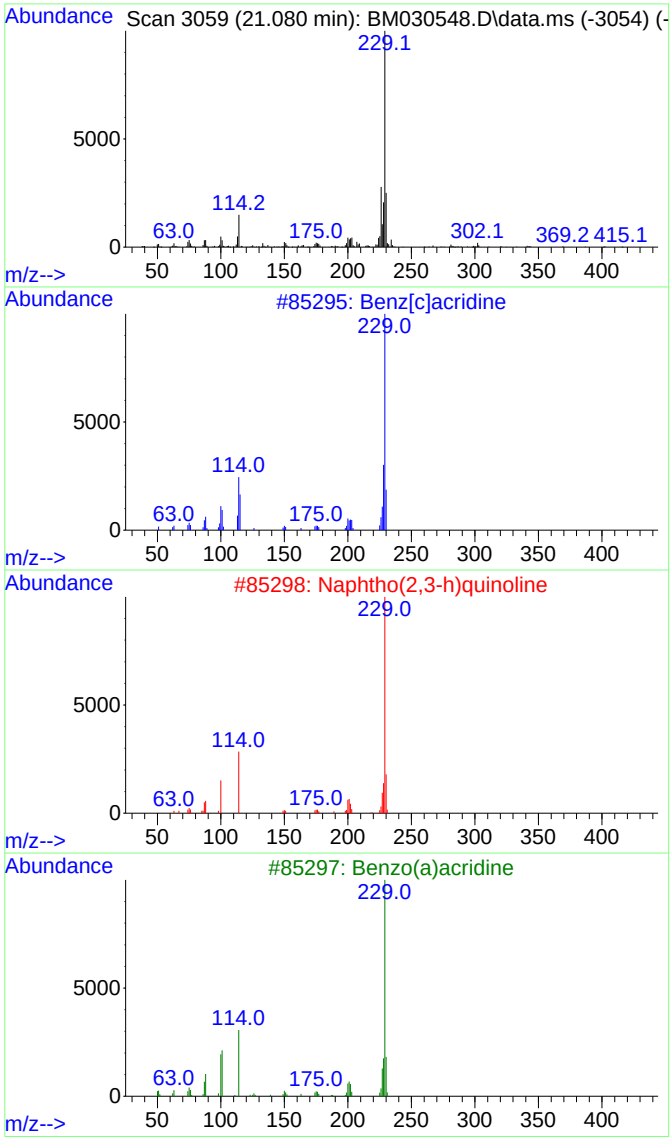
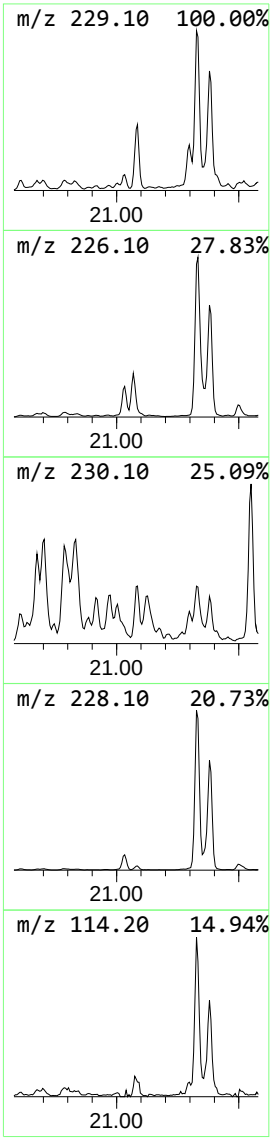
Peak Number 20 Benz[c]acridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.080	2.46 ng/ul	744585	Chrysene-d12	21.344

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[c]acridine	229	C17H11N	000225-51-4	76
2	Naphtho(2,3-h)quinoline	229	C17H11N	000084-56-0	68
3	Benzo(a)acridine	229	C17H11N	000225-11-6	64
4	Naphtho(2,1-f)quinoline	229	C17H11N	000218-08-6	59
5	2-(3-Fluorophenyl)-1,3-benzothia...	229	C13H8FNS	1000298-18-6	50





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Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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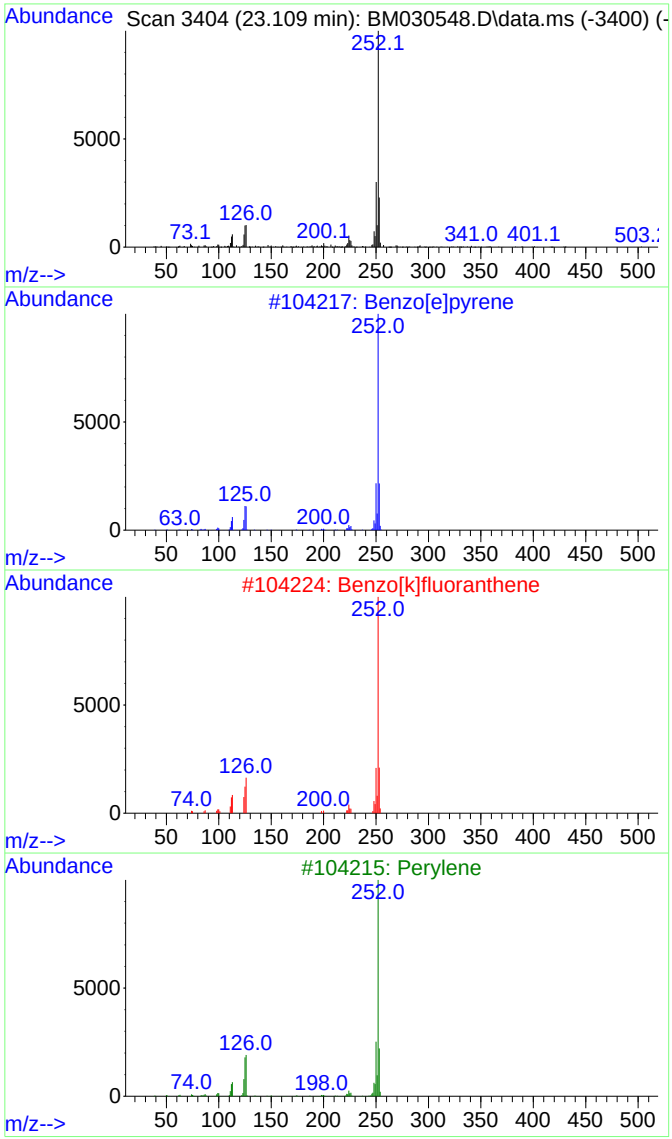
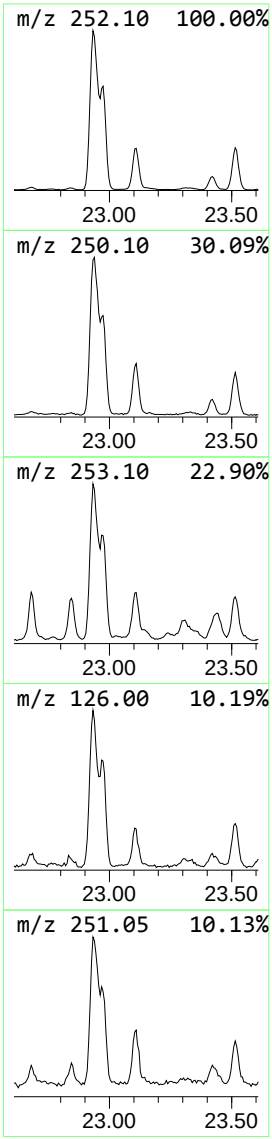
Peak Number 21 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.110	3.53 ng/ul	412451	Perylene-d12	23.615

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	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Perylene	252	C20H12	000198-55-0	95





Tentatively Identified Compound (LSC) summary

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Data File : BM030548.D
Acq On : 23 Jun 2021 12:00
Operator : CG/JU
Sample : M2662-08DL 2X
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BGDB2DL

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.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
p-Xylene	5.460	2.5	ng/ul	155680	1	7.804	1268590	20.0
[1,1'-Biphenyl]...	15.770	2.9	ng/ul	390096	3	14.433	2707800	20.0
6H-Dibenzo[b,d]...	15.920	3.7	ng/ul	601963	4	17.174	3244710	20.0
9H-Fluorene, 1-...	16.480	2.6	ng/ul	419569	4	17.174	3244710	20.0
Naphtho[2,1-b]f...	16.910	2.1	ng/ul	341201	4	17.174	3244710	20.0
Dibenzothiophene	16.990	2.5	ng/ul	410405	4	17.174	3244710	20.0
Phenanthrene, 4...	18.050	5.1	ng/ul	833049	4	17.174	3244710	20.0
Phenanthrene, 2...	18.100	6.5	ng/ul	1060410	4	17.174	3244710	20.0
Anthracene, 2-m...	18.170	3.6	ng/ul	591885	4	17.174	3244710	20.0
4H-Cyclopenta[d...	18.240	10.0	ng/ul	1626880	4	17.174	3244710	20.0
Anthracene, 1-m...	18.280	2.6	ng/ul	423063	4	17.174	3244710	20.0
Naphthalene, 2-...	18.540	3.3	ng/ul	534903	4	17.174	3244710	20.0
Phenanthrene, 3...	18.960	3.1	ng/ul	497692	4	17.174	3244710	20.0
unknown-01	19.380	2.0	ng/ul	607068	5	21.344	6045100	20.0
Pyrene, 1-methyl-	19.920	2.4	ng/ul	727787	5	21.344	6045100	20.0
11H-Benzo[b]flu...	20.090	4.3	ng/ul	1286900	5	21.344	6045100	20.0
11H-Benzo[a]flu...	20.190	3.6	ng/ul	1096090	5	21.344	6045100	20.0
Pyrene, 2-methyl-	20.240	2.2	ng/ul	651513	5	21.344	6045100	20.0
Hexanedioic aci...	20.560	7.0	ng/ul	2121960	5	21.344	6045100	20.0
Benz[c]acridine	21.080	2.5	ng/ul	744585	5	21.344	6045100	20.0
Benzo[e]pyrene	23.110	3.5	ng/ul	412451	6	23.615	2334120	20.0