

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030719.D
 Acq On : 30 Jun 2021 23:45
 Operator : CG/JU
 Sample : M2808-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGG08

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: BM030719.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	28	31	40	rVB	8867	15404	0.72%	0.070%
2	3.734	106	110	114	rBV2	11159	22588	1.05%	0.103%
3	3.781	115	118	126	rVB2	12183	21331	0.99%	0.097%
4	3.993	149	154	161	rVB	59167	80667	3.76%	0.367%
5	4.545	244	248	252	rVB2	6453	8882	0.41%	0.040%
6	5.434	393	399	406	rVB2	13236	25814	1.20%	0.118%
7	5.798	456	461	466	rVB3	6463	10541	0.49%	0.048%
8	6.945	648	656	669	rBV	134779	232929	10.85%	1.061%
9	7.116	678	685	696	rBV	102876	173670	8.09%	0.791%
10	7.310	712	718	729	rBV	141995	233957	10.90%	1.066%
11	7.775	790	797	808	rBV	386807	623467	29.05%	2.840%
12	7.998	831	835	844	rVB7	3851	8069	0.38%	0.037%
13	8.481	905	917	927	rBV	152231	257834	12.01%	1.174%
14	8.604	934	938	942	rBV2	5725	8038	0.37%	0.037%
15	8.933	988	994	1005	rVB	125397	207339	9.66%	0.944%
16	9.651	1109	1116	1127	rBV	92417	162783	7.58%	0.741%
17	10.186	1201	1207	1224	rBV	128732	253502	11.81%	1.155%
18	10.563	1263	1271	1277	rBV	529202	885544	41.26%	4.033%
19	10.604	1277	1278	1287	rVB2	11198	16167	0.75%	0.074%
20	10.704	1287	1295	1312	rBV	108665	232448	10.83%	1.059%
21	13.304	1731	1737	1743	rVB2	8850	14664	0.68%	0.067%
22	13.815	1819	1824	1829	rVV	258002	387462	18.05%	1.765%
23	13.863	1829	1832	1842	rVB	59249	88843	4.14%	0.405%
24	14.098	1866	1872	1882	rVB	306428	481365	22.43%	2.192%
25	14.404	1917	1924	1931	rBV	788443	1167607	54.40%	5.318%
26	14.474	1931	1936	1941	rVB2	6539	11823	0.55%	0.054%
27	14.615	1955	1960	1976	rBV2	32941	92126	4.29%	0.420%
28	14.810	1987	1993	1998	rBV	10821	17928	0.84%	0.082%
29	14.880	2001	2005	2010	rVB2	7841	10002	0.47%	0.046%
30	15.021	2024	2029	2035	rBV3	5849	8571	0.40%	0.039%
31	15.204	2052	2060	2062	rBV5	5630	10316	0.48%	0.047%
32	15.398	2086	2093	2099	rBV	409871	606450	28.25%	2.762%
33	15.451	2099	2102	2110	rVV2	22818	36875	1.72%	0.168%
34	15.527	2110	2115	2128	rVV	59192	105984	4.94%	0.483%
35	15.751	2148	2153	2160	rVB2	16047	25218	1.17%	0.115%
36	15.821	2160	2165	2169	rBV	15914	21422	1.00%	0.098%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoother: OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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
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37	15.898	2173	2178	2186	rVV2	16836	35790	1.67%	0.163%
38	16.127	2212	2217	2223	rVB8	7064	13124	0.61%	0.060%
39	16.456	2264	2273	2278	rBV3	16841	34210	1.59%	0.156%
40	16.504	2278	2281	2287	rVB3	6586	9479	0.44%	0.043%

41	16.604	2295	2298	2303	rVB3	5322	8214	0.38%	0.037%
42	16.680	2305	2311	2315	rBV2	19246	29742	1.39%	0.135%
43	16.721	2315	2318	2321	rVV	15485	19996	0.93%	0.091%
44	16.751	2321	2323	2328	rVB	6556	7454	0.35%	0.034%
45	16.809	2328	2333	2339	rVB7	7734	15786	0.74%	0.072%

46	16.880	2339	2345	2351	rBV2	20255	44403	2.07%	0.202%
47	16.962	2356	2359	2369	rVB2	17504	31904	1.49%	0.145%
48	17.145	2383	2390	2394	rBV	935821	1329328	61.93%	6.054%
49	17.186	2394	2397	2402	rVV	399548	532971	24.83%	2.427%
50	17.245	2402	2407	2410	rVV	422415	616159	28.71%	2.806%

51	17.274	2410	2412	2418	rVV	141564	190308	8.87%	0.867%
52	17.333	2418	2422	2428	rVB5	10507	21594	1.01%	0.098%
53	17.427	2434	2438	2441	rBV7	4456	7456	0.35%	0.034%
54	17.551	2455	2459	2461	rBV	6065	7715	0.36%	0.035%
55	17.586	2461	2465	2471	rVV3	9166	17137	0.80%	0.078%

56	17.662	2475	2478	2485	rVB	20013	27525	1.28%	0.125%
57	17.727	2485	2489	2490	rBV4	6867	7834	0.36%	0.036%
58	18.021	2534	2539	2543	rVV	76678	145620	6.78%	0.663%
59	18.068	2543	2547	2552	rVV	108217	159003	7.41%	0.724%
60	18.145	2556	2560	2566	rVV	49736	75646	3.52%	0.345%

61	18.215	2566	2572	2576	rVV3	112127	212532	9.90%	0.968%
62	18.245	2576	2577	2582	rVB	50401	56695	2.64%	0.258%
63	18.327	2588	2591	2595	rBV4	9199	10973	0.51%	0.050%
64	18.521	2619	2624	2628	rBV	69535	96988	4.52%	0.442%
65	18.562	2628	2631	2635	rVB4	11502	15368	0.72%	0.070%

66	18.615	2635	2640	2643	rBV4	27724	38872	1.81%	0.177%
67	18.762	2661	2665	2670	rBV3	19232	24612	1.15%	0.112%
68	18.815	2670	2674	2677	rBV	22413	26811	1.25%	0.122%
69	18.850	2677	2680	2684	rVB	21336	28748	1.34%	0.131%
70	18.933	2684	2694	2698	rBV2	52056	103387	4.82%	0.471%

71	19.003	2701	2706	2708	rVV3	30272	64388	3.00%	0.293%
72	19.027	2708	2710	2713	rVV	29039	30516	1.42%	0.139%
73	19.074	2713	2718	2728	rVB3	34661	74123	3.45%	0.338%
74	19.197	2733	2739	2746	rBV	1276080	1640020	76.41%	7.469%
75	19.256	2746	2749	2753	rVB2	21302	25702	1.20%	0.117%

76	19.297	2753	2756	2760	rBV3	15313	25757	1.20%	0.117%
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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

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 Title : SVOA CALIBRATION

77	19.350	2760	2765	2769	rVB	86962	115500	5.38%	0.526%
78	19.439	2777	2780	2789	rVB3	29448	56740	2.64%	0.258%
79	19.533	2790	2796	2798	rBV2	655818	1024958	47.75%	4.668%
80	19.562	2798	2801	2809	rVV	945828	1234326	57.51%	5.622%
81	19.633	2809	2813	2820	rVB2	50597	82019	3.82%	0.374%
82	19.739	2827	2831	2836	rVB	68879	95387	4.44%	0.434%
83	19.892	2850	2857	2863	rBV4	68312	173914	8.10%	0.792%
84	20.021	2873	2879	2881	rBV4	53948	103242	4.81%	0.470%
85	20.050	2881	2884	2891	rVB2	141445	208482	9.71%	0.950%
86	20.150	2897	2901	2905	rBV	98752	121700	5.67%	0.554%
87	20.209	2905	2911	2916	rVV2	82032	145865	6.80%	0.664%
88	20.350	2932	2935	2938	rBV	36163	39742	1.85%	0.181%
89	20.397	2939	2943	2947	rVV3	41313	57246	2.67%	0.261%
90	20.797	3008	3011	3018	rVB	36648	55290	2.58%	0.252%
91	20.962	3036	3039	3042	rBV	42340	46306	2.16%	0.211%
92	20.997	3042	3045	3048	rBV	73954	102189	4.76%	0.465%
93	21.309	3091	3098	3102	rBV2	1168717	2146368	100.00%	9.775%
94	21.350	3102	3105	3114	rVB	468528	610166	28.43%	2.779%
95	21.462	3122	3124	3129	rVB	50416	55156	2.57%	0.251%
96	22.885	3360	3366	3372	rBV	299616	782834	36.47%	3.565%
97	23.368	3444	3448	3452	rBV	115561	184805	8.61%	0.842%
98	23.421	3452	3457	3461	rVV	263625	525047	24.46%	2.391%
99	23.462	3461	3464	3472	rVB	265215	458471	21.36%	2.088%
100	23.562	3475	3481	3487	rBV2	569900	1099394	51.22%	5.007%

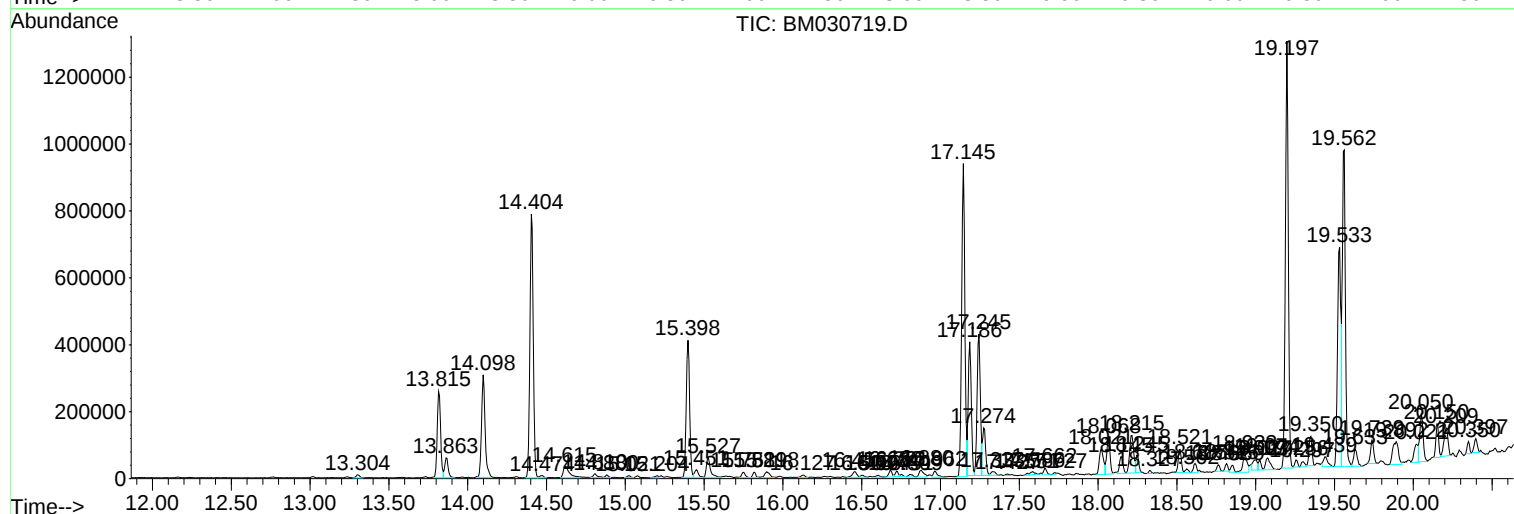
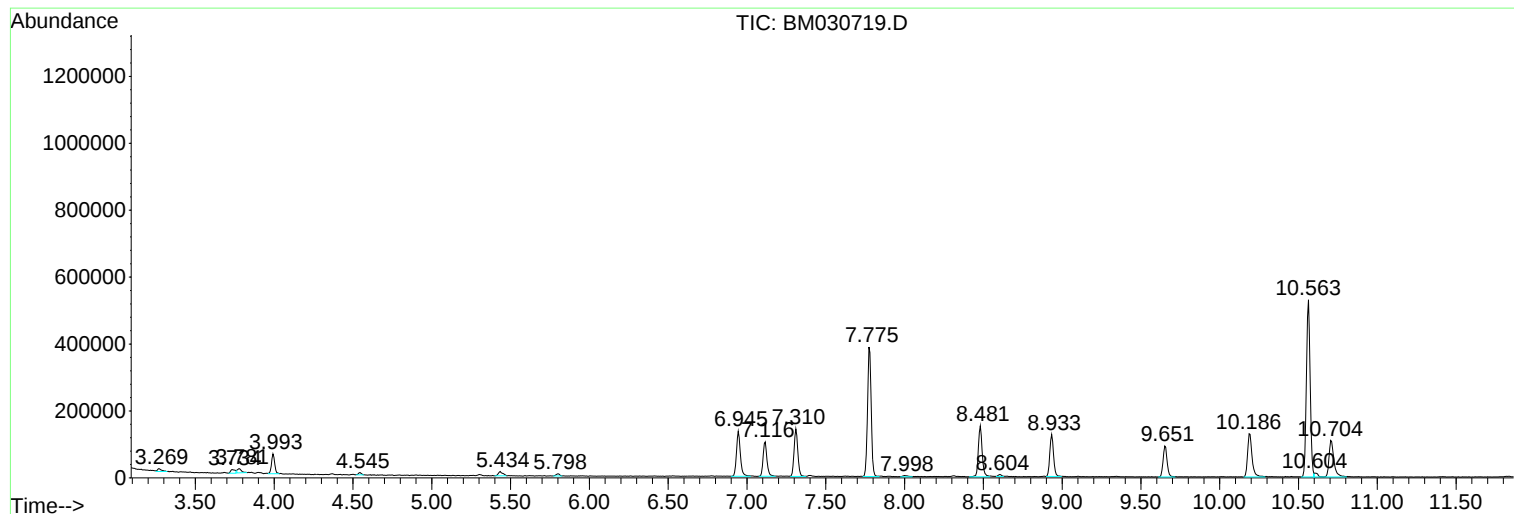
Sum of corrected areas: 21956667

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Instrument :
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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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
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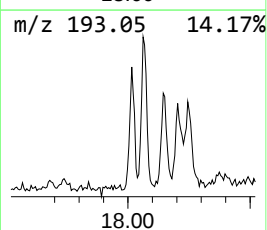
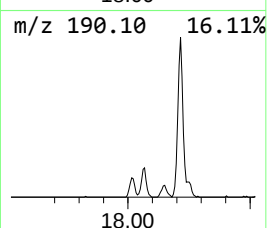
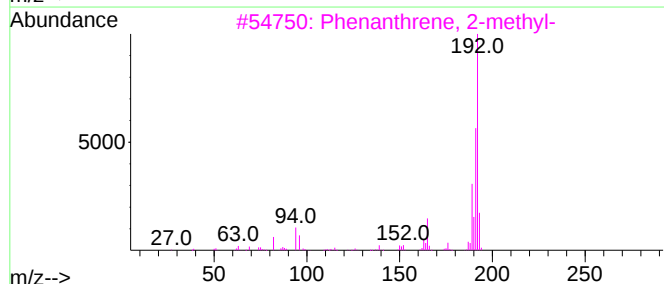
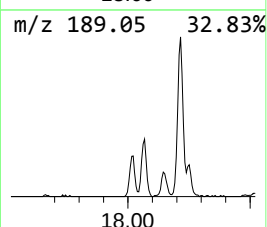
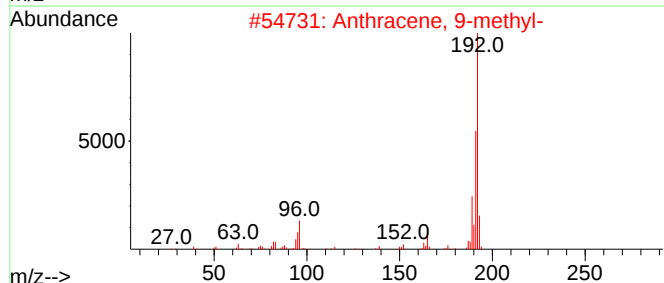
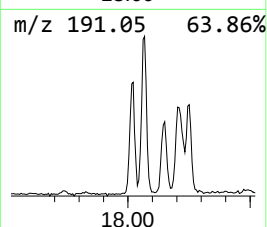
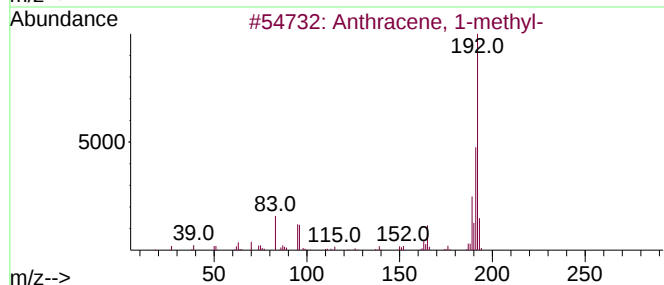
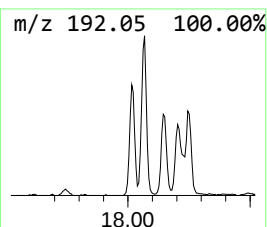
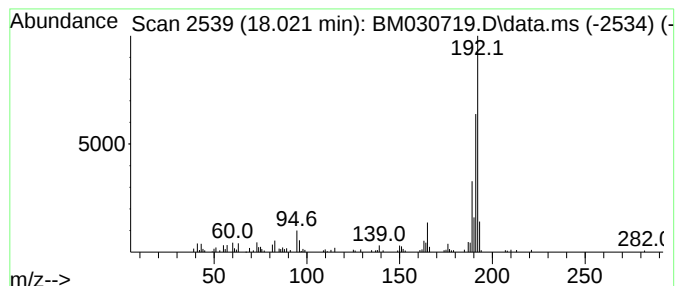
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.020	2.19 ng/ul	145620	Phenanthrene-d10	17.145

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2		Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89



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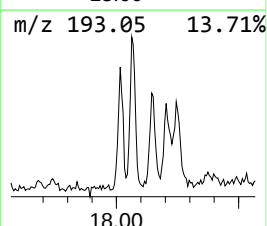
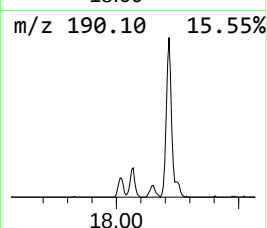
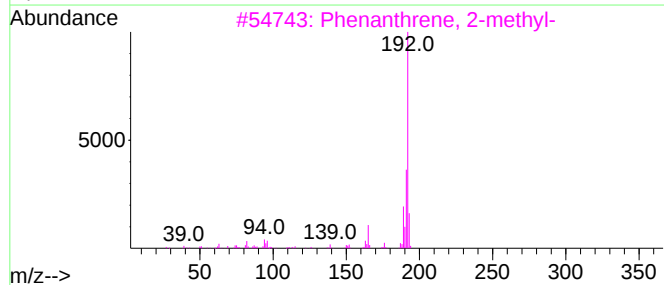
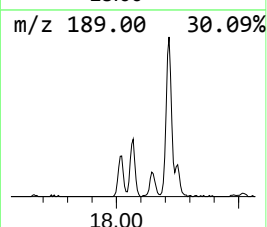
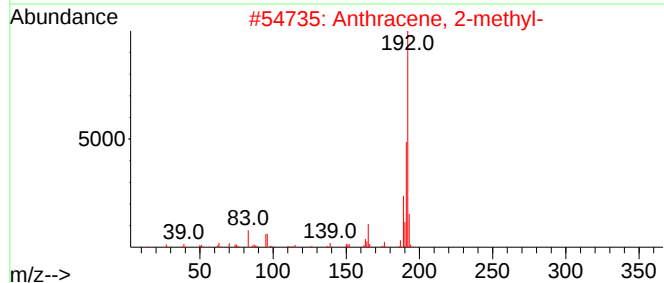
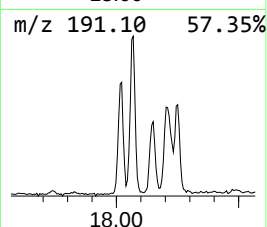
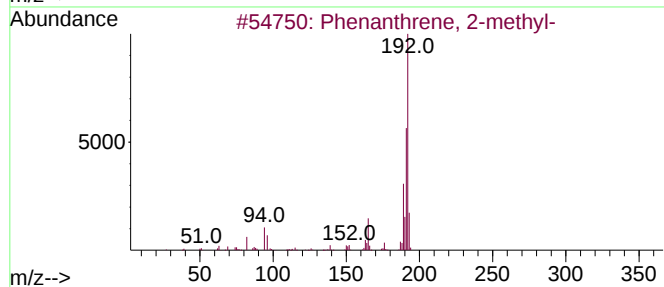
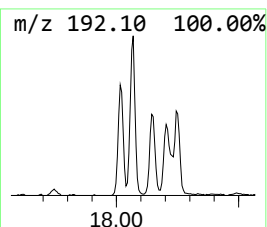
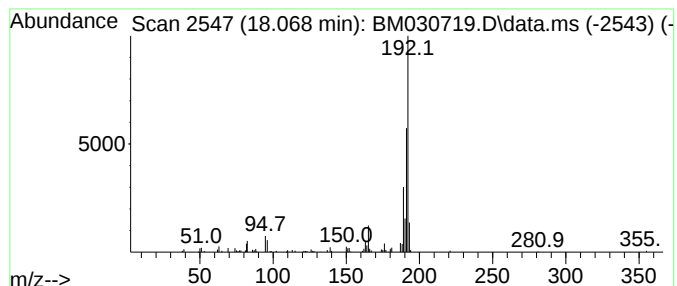
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.070	2.39 ng/ul	159003	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93



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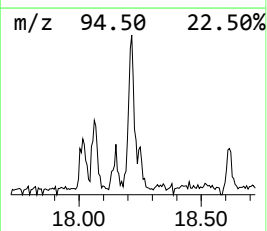
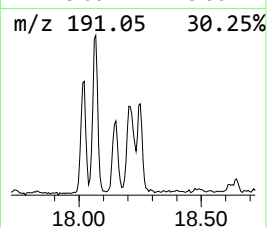
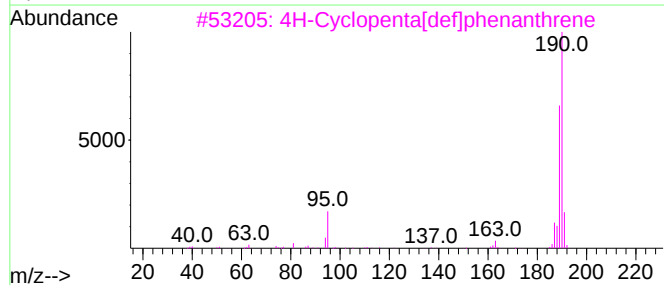
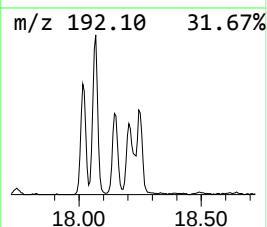
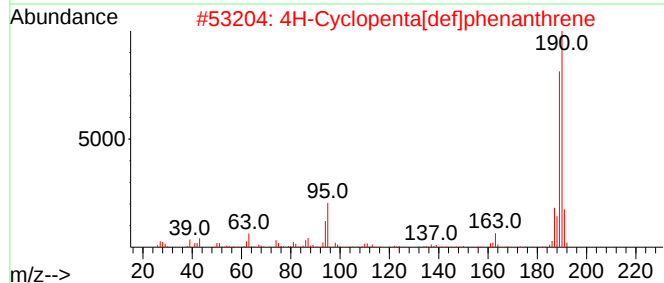
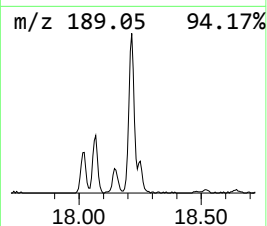
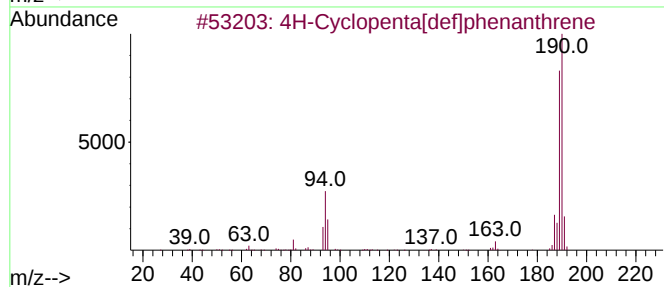
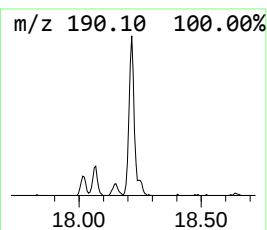
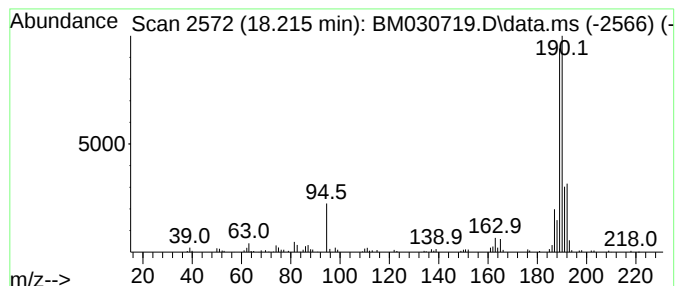
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.220	3.20 ng/ul	212532	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4			Methyl diselenide	190	C2H6Se2	007101-31-7	55
5			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
Data File : BM030719.D
Acq On : 30 Jun 2021 23:45
Operator : CG/JU
Sample : M2808-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGG08

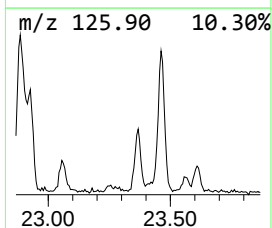
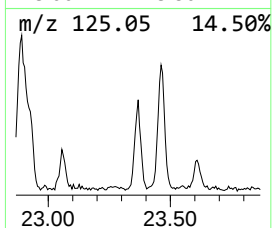
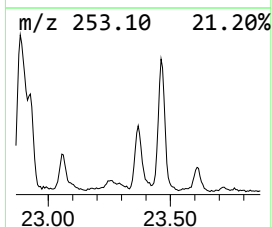
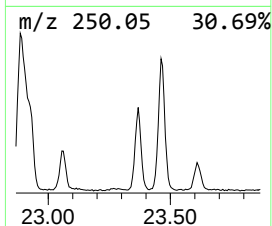
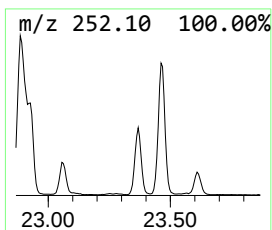
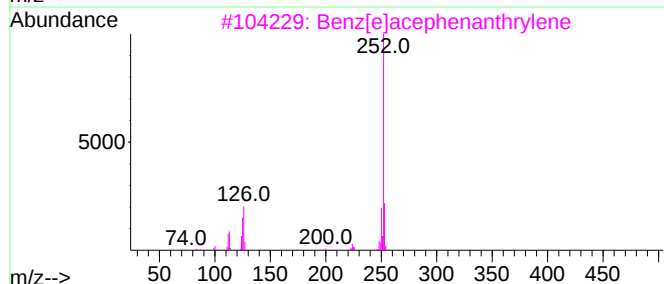
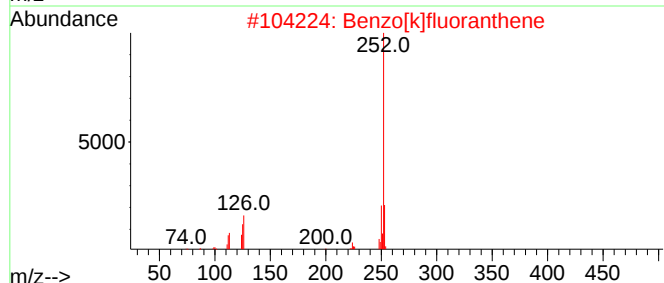
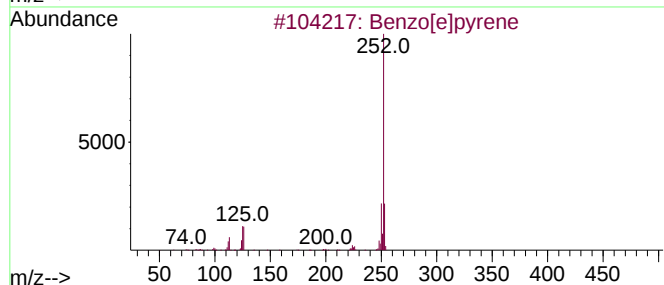
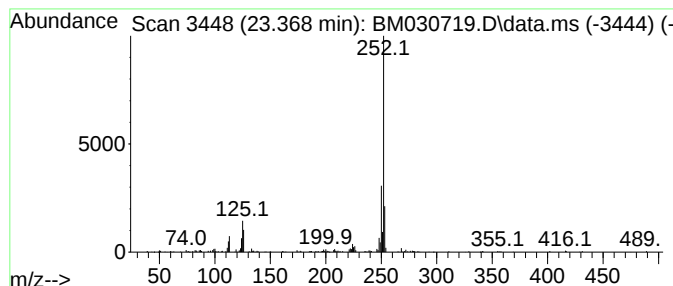
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.370	3.36 ng/ul	184805	Perylene-d12	23.562

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	98
3			Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
4			Perylene	252	C20H12	000198-55-0	94
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
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Sample : M2808-02
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BGG08

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 1-m...	18.020	2.2	ng/ul	145620	4	17.145	1329330	20.0
Phenanthrene, 2...	18.070	2.4	ng/ul	159003	4	17.145	1329330	20.0
4H-Cyclopenta[d...	18.220	3.2	ng/ul	212532	4	17.145	1329330	20.0
Benzo[e]pyrene	23.370	3.4	ng/ul	184805	6	23.562	1099390	20.0