

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
 Data File : BP006386.D
 Acq On : 28 Jul 2021 12:57
 Operator : CG/JU
 Sample : M3107-21
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BGEN4

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_P\METHODS\SFAM-EPA-BP072421.M
 Title : SVOA CALIBRATION

Signal : TIC: BP006386.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.305	33	37	46	rVB	35287	54441	0.69%	0.058%
2	3.711	102	106	119	rBV	270227	490255	6.20%	0.524%
3	3.811	119	123	128	rVV	76996	110706	1.40%	0.118%
4	4.016	154	158	168	rVB	23237	41868	0.53%	0.045%
5	4.534	241	246	251	rBV	38876	65075	0.82%	0.070%
6	5.446	396	401	409	rBV	25675	51460	0.65%	0.055%
7	6.957	650	658	666	rBV	647460	1026465	12.97%	1.097%
8	7.128	680	687	698	rVB	570139	874316	11.05%	0.934%
9	7.316	712	719	728	rBV	679096	1057611	13.36%	1.130%
10	7.416	731	736	744	rVV3	17201	30676	0.39%	0.033%
11	7.781	789	798	807	rBV	1239614	2000879	25.28%	2.139%
12	8.487	912	918	926	rBV	799879	1235515	15.61%	1.321%
13	8.604	934	938	946	rVB2	22150	36203	0.46%	0.039%
14	8.940	986	995	1004	rBV	612497	1020595	12.90%	1.091%
15	9.657	1110	1117	1123	rBV	471920	769157	9.72%	0.822%
16	10.187	1196	1207	1219	rBV	756010	1227234	15.51%	1.312%
17	10.357	1230	1236	1247	rBV	105080	178041	2.25%	0.190%
18	10.569	1261	1272	1278	rBV	1747206	2903518	36.69%	3.103%
19	10.616	1278	1280	1287	rVB	40166	55224	0.70%	0.059%
20	10.710	1287	1296	1307	rBV	679400	1159216	14.65%	1.239%
21	13.828	1821	1826	1838	rVB	1358382	1900383	24.01%	2.031%
22	14.104	1864	1873	1888	rBV	1493426	2230333	28.18%	2.384%
23	14.410	1917	1925	1932	rBV	2509711	3553420	44.90%	3.798%
24	14.475	1932	1936	1944	rVB	57559	93024	1.18%	0.099%
25	14.610	1951	1959	1970	rBV	389596	638811	8.07%	0.683%
26	14.810	1988	1993	1996	rBV	48664	72690	0.92%	0.078%
27	15.404	2087	2094	2100	rBV	1934631	2746601	34.71%	2.936%
28	15.457	2100	2103	2109	rVV	83713	123477	1.56%	0.132%
29	15.522	2109	2114	2122	rVV	384990	546694	6.91%	0.584%
30	15.639	2129	2134	2139	rVV4	16498	31068	0.39%	0.033%
31	15.757	2150	2154	2164	rVB	30084	52304	0.66%	0.056%
32	15.904	2175	2179	2186	rVB3	28362	58921	0.74%	0.063%
33	16.139	2215	2219	2227	rVB8	21523	34868	0.44%	0.037%
34	16.469	2272	2275	2280	rVV6	19358	37927	0.48%	0.041%
35	16.816	2330	2334	2340	rVB3	34542	54683	0.69%	0.058%
36	16.898	2343	2348	2352	rBV4	22466	50961	0.64%	0.054%

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Integrator: RTE

Smoothing : OFF

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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_P\METHODS\SFAM-EPA-BP072421.M
 Title : SVOA CALIBRATION

37	16.945	2353	2356	2358	rVV4	31965	43085	0.54%	0.046%
38	16.980	2358	2362	2370	rVB	89593	133617	1.69%	0.143%
39	17.163	2386	2393	2397	rBV	2815231	3991277	50.44%	4.266%
40	17.204	2397	2400	2405	rVV	1875935	2371778	29.97%	2.535%
41	17.263	2405	2410	2414	rVV	2053247	2964257	37.46%	3.168%
42	17.292	2414	2415	2421	rVV	438337	473192	5.98%	0.506%
43	17.357	2421	2426	2432	rVB2	57387	93529	1.18%	0.100%
44	17.569	2453	2462	2467	rBV	189252	300073	3.79%	0.321%
45	17.686	2479	2482	2487	rBV3	32130	46848	0.59%	0.050%
46	17.739	2487	2491	2498	rVB4	28510	51606	0.65%	0.055%
47	18.033	2535	2541	2544	rBV	156571	231657	2.93%	0.248%
48	18.074	2544	2548	2556	rVV2	374457	652139	8.24%	0.697%
49	18.157	2557	2562	2567	rVV3	101920	163846	2.07%	0.175%
50	18.222	2567	2573	2577	rVV2	290186	498603	6.30%	0.533%
51	18.257	2577	2579	2585	rVB	125309	147377	1.86%	0.158%
52	18.363	2594	2597	2602	rVB5	33006	51756	0.65%	0.055%
53	18.521	2619	2624	2627	rVV	150986	202252	2.56%	0.216%
54	18.557	2627	2630	2636	rVB3	52396	76253	0.96%	0.082%
55	18.639	2641	2644	2652	rVB6	22662	38119	0.48%	0.041%
56	18.757	2661	2664	2668	rBV	46453	56281	0.71%	0.060%
57	18.804	2669	2672	2676	rBV	37079	46278	0.58%	0.049%
58	18.845	2676	2679	2683	rVB2	51090	61259	0.77%	0.065%
59	18.921	2687	2692	2697	rBV2	131033	222342	2.81%	0.238%
60	18.986	2697	2703	2706	rBV5	59972	122442	1.55%	0.131%
61	19.057	2711	2715	2723	rVB3	107311	226743	2.87%	0.242%
62	19.180	2730	2736	2742	rVB	4363005	5613643	70.94%	6.000%
63	19.274	2749	2752	2754	rBV	56581	62259	0.79%	0.067%
64	19.304	2754	2757	2764	rVB2	133748	227395	2.87%	0.243%
65	19.416	2773	2776	2780	rVB	115992	138076	1.74%	0.148%
66	19.504	2785	2791	2793	rBV2	2865768	3902875	49.32%	4.172%
67	19.533	2793	2796	2804	rVV	3606380	4752190	60.05%	5.079%
68	19.604	2804	2808	2815	rVB2	131779	230491	2.91%	0.246%
69	19.710	2822	2826	2831	rVB	153940	210476	2.66%	0.225%
70	19.768	2831	2836	2840	rVB	137504	205658	2.60%	0.220%
71	19.845	2844	2849	2851	rBV3	173417	277531	3.51%	0.297%
72	19.980	2867	2872	2874	rBV4	127048	208108	2.63%	0.222%
73	20.016	2875	2878	2882	rVB	360601	455125	5.75%	0.486%
74	20.057	2882	2885	2888	rBV2	57786	62371	0.79%	0.067%
75	20.116	2891	2895	2898	rBV	254284	304808	3.85%	0.326%
76	20.168	2898	2904	2909	rVV2	272585	429600	5.43%	0.459%

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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

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 Peak separation: 5

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77	20.251	2915	2918	2923	rBV2	61278	74286	0.94%	0.079%
78	20.310	2924	2928	2931	rVV	130198	166651	2.11%	0.178%
79	20.351	2931	2935	2940	rVV2	145280	220523	2.79%	0.236%
80	20.539	2965	2967	2969	rBV	60594	49023	0.62%	0.052%
81	20.751	2999	3003	3010	rVB	233462	331874	4.19%	0.355%
82	20.915	3026	3031	3034	rBV	264562	374778	4.74%	0.401%
83	20.951	3034	3037	3040	rVV	277027	329374	4.16%	0.352%
84	20.992	3040	3044	3049	rVV3	483120	817578	10.33%	0.874%
85	21.039	3049	3052	3063	rVB3	234400	402096	5.08%	0.430%
86	21.257	3083	3089	3093	rBV2	4170577	7913370	100.00%	8.458%
87	21.298	3093	3096	3105	rVB	2377523	3082973	38.96%	3.295%
88	21.415	3112	3116	3122	rBV2	440524	681075	8.61%	0.728%
89	21.580	3140	3144	3149	rVB3	203368	333197	4.21%	0.356%
90	21.827	3183	3186	3191	rVB	293244	383350	4.84%	0.410%
91	21.880	3192	3195	3201	rVB2	305038	410937	5.19%	0.439%
92	22.033	3218	3221	3223	rBV	160876	178126	2.25%	0.190%
93	22.374	3276	3279	3288	rVB2	233871	370542	4.68%	0.396%
94	22.898	3362	3368	3381	rVB	2100689	6439869	81.38%	6.883%
95	23.074	3394	3398	3405	rVB	381761	633976	8.01%	0.678%
96	23.404	3448	3454	3458	rBV	804800	1604727	20.28%	1.715%
97	23.457	3458	3463	3467	rVV2	1179963	2251441	28.45%	2.406%
98	23.504	3467	3471	3482	rVB	1534099	3151897	39.83%	3.369%
99	23.609	3482	3489	3495	rBV2	1774637	3520306	44.49%	3.763%
100	26.033	3893	3901	3917	rVB2	794275	2876315	36.35%	3.074%

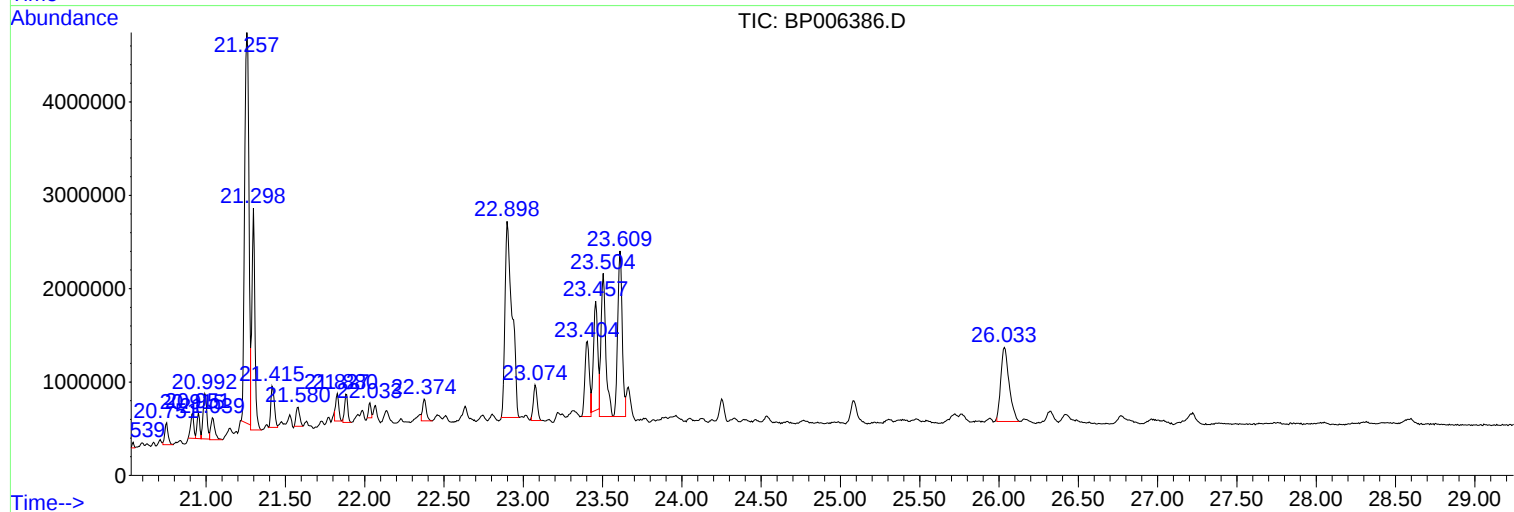
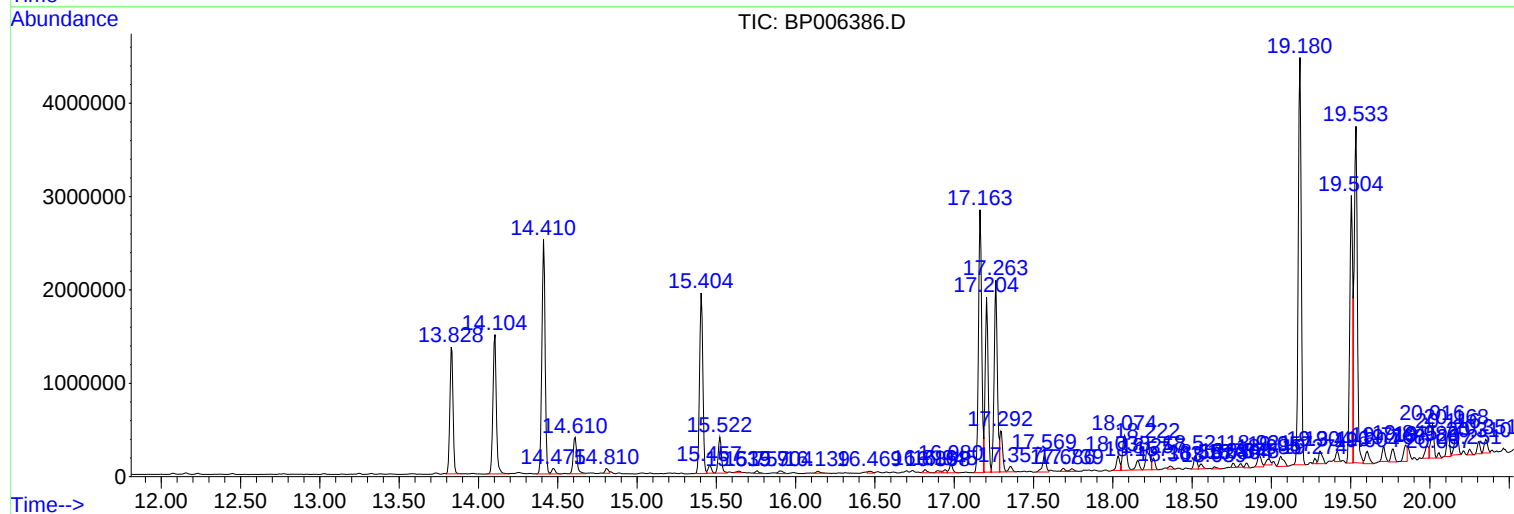
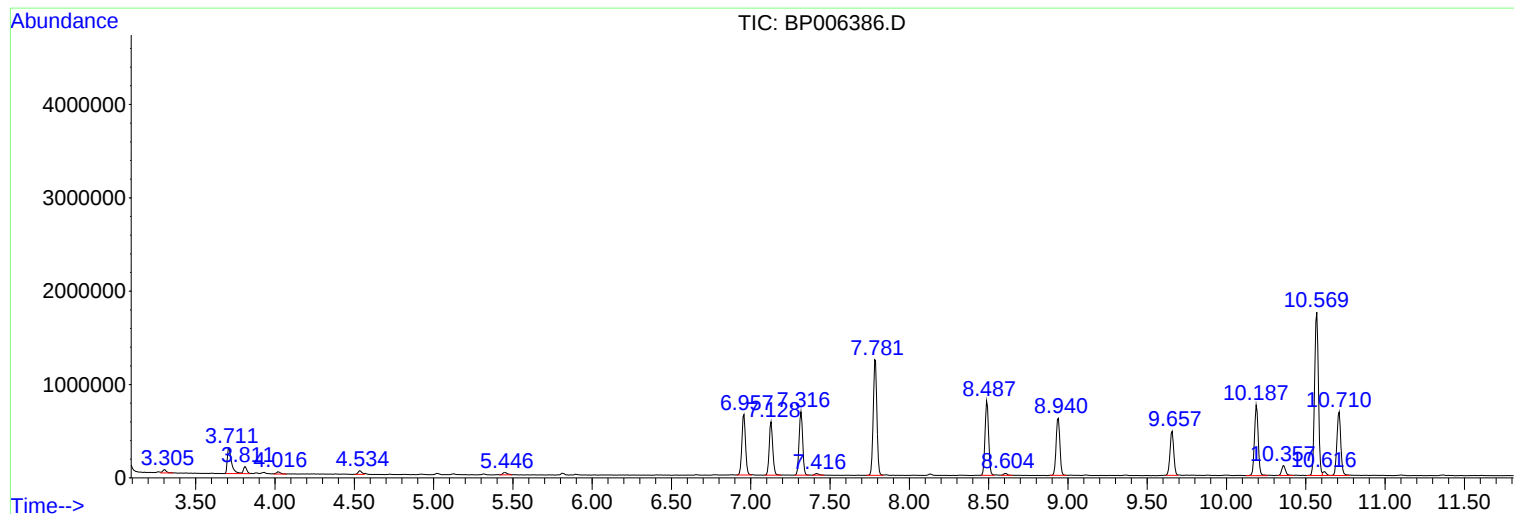
Sum of corrected areas: 93560119

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Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P



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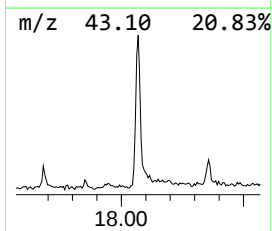
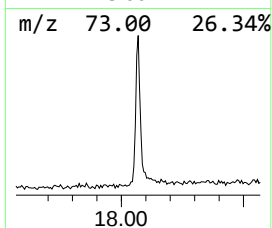
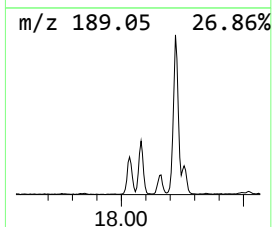
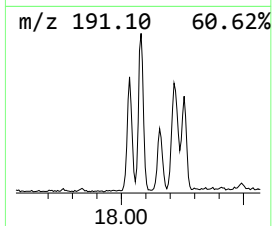
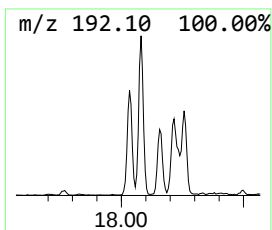
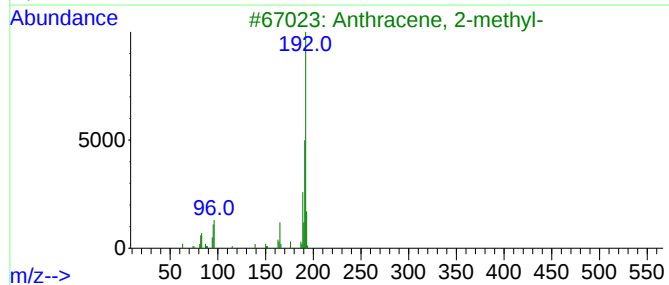
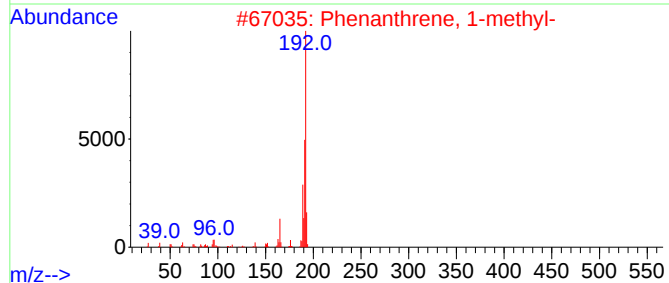
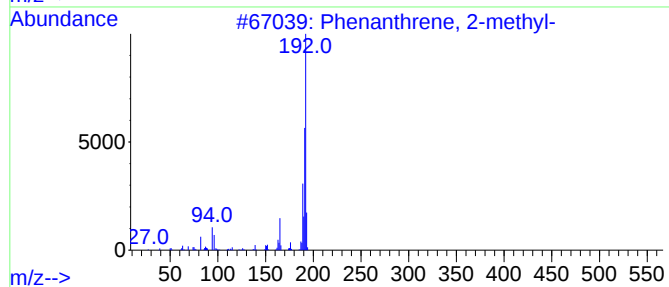
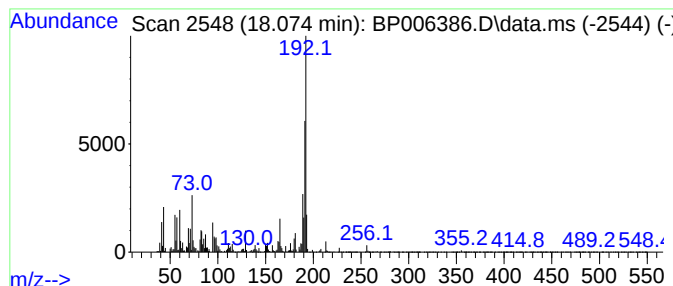
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.070	3.27 ng/ul	652139	Phenanthrene-d10	17.163

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93



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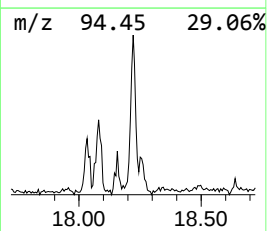
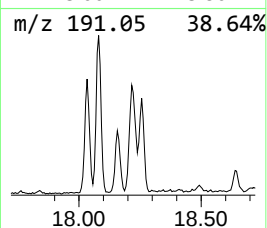
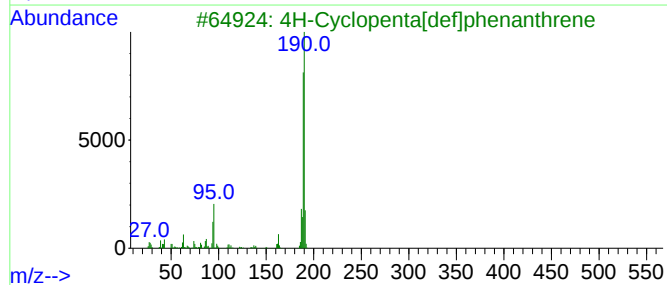
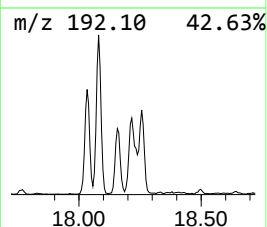
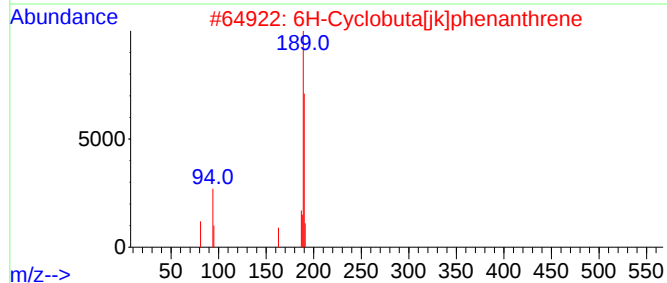
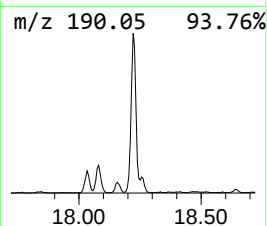
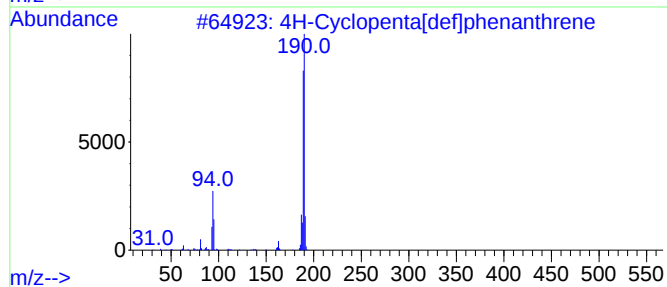
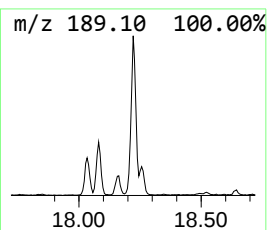
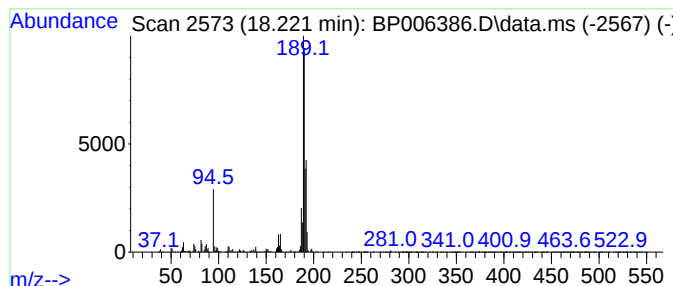
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.220	2.50 ng/ul	498603	Phenanthrene-d10	17.163

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	45
4			Methyl diselenide	190	C2H6Se2	007101-31-7	45
5			2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38



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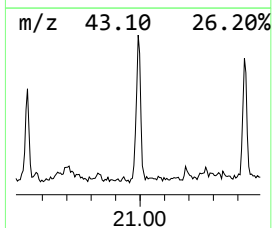
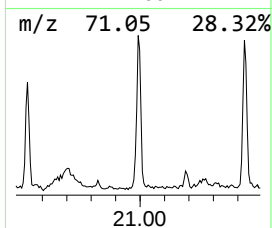
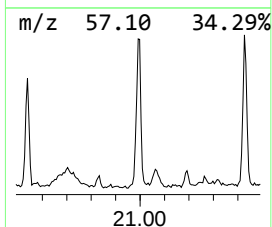
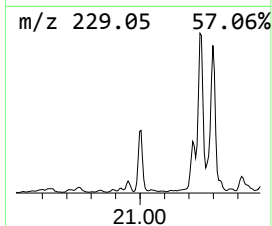
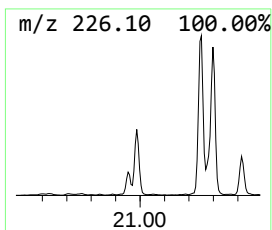
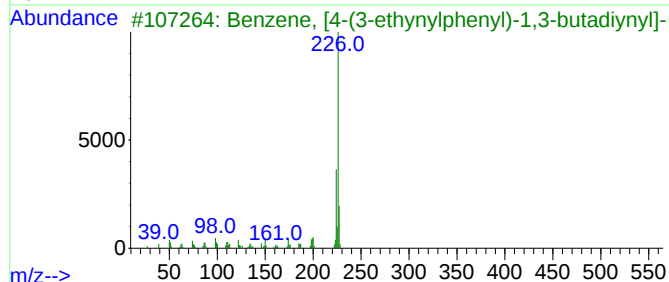
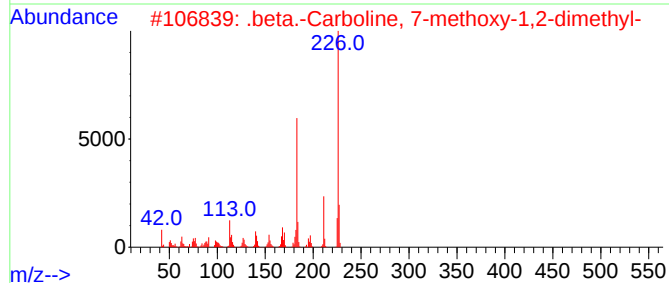
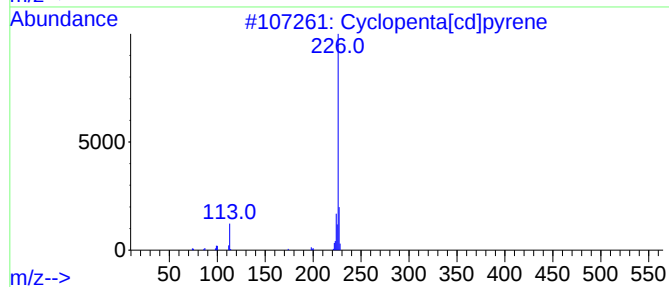
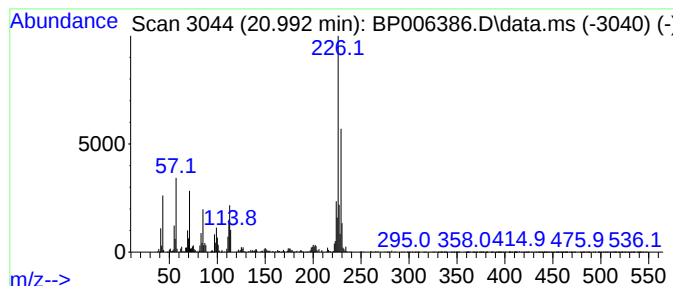
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.990	2.07 ng/ul	817578	Chrysene-d12	21.262

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
3			Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	41
4			9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O5	015774-82-0	38
5			Benzo(a)acridine	229	C17H11N	000225-11-6	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
Data File : BP006386.D
Acq On : 28 Jul 2021 12:57
Operator : CG/JU
Sample : M3107-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEN4

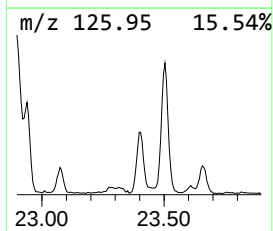
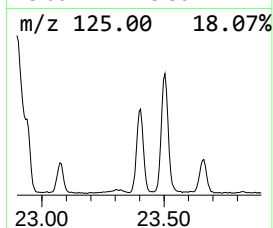
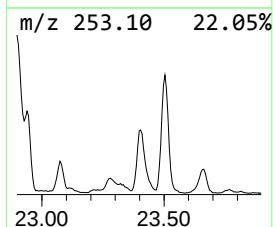
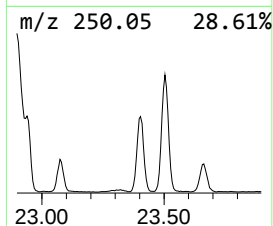
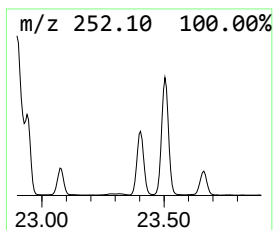
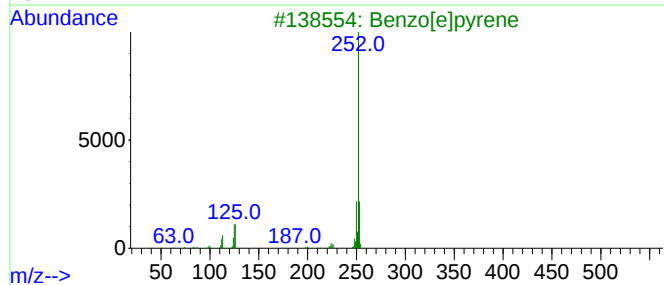
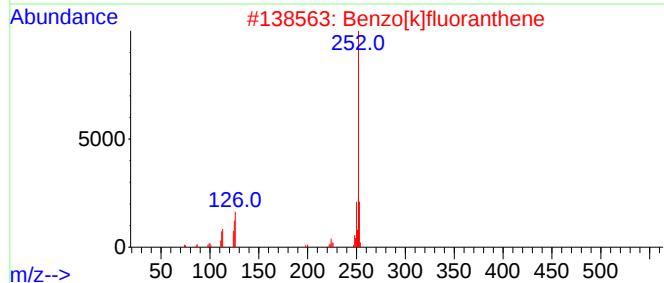
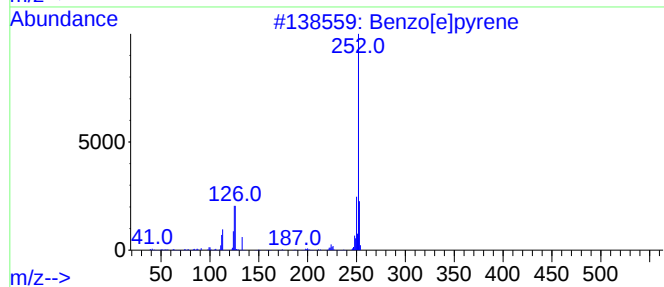
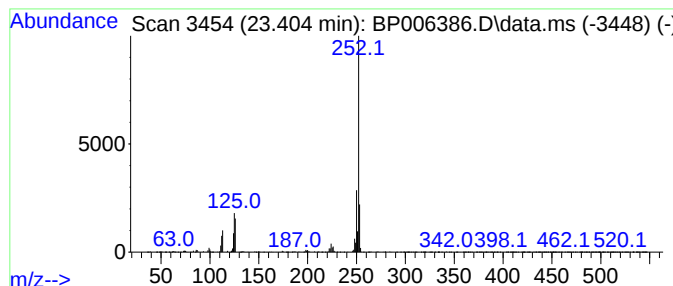
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.400	9.12 ng/ul	1604730	Perylene-d12	23.609

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
3			Benzo[e]pyrene	252	C20H12	000192-97-2	98
4			Perylene	252	C20H12	000198-55-0	96
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP072821\
Data File : BP006386.D
Acq On : 28 Jul 2021 12:57
Operator : CG/JU
Sample : M3107-21
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BGEN4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_P\METHODS\SFAM-EPA-BP072421.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2...	18.070	3.3	ng/u1	652139	4	17.163	3991280	20.0
4H-Cyclopenta[d]...	18.220	2.5	ng/u1	498603	4	17.163	3991280	20.0
Cyclopenta[cd]p...	20.990	2.1	ng/u1	817578	5	21.262	7913370	20.0
Benzo[e]pyrene	23.400	9.1	ng/u1	1604730	6	23.609	3520310	20.0