

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
 Data File : BP014984.D
 Acq On : 05 May 2023 15:22
 Operator : CG/JU
 Sample : 02479-15DL 2X
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 EW974DL

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-BP050323.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP014984.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.017	102	107	116	rVB	115663	160947	1.16%	0.126%
2	7.310	659	667	677	rBV	356211	599552	4.34%	0.471%
3	7.481	686	696	703	rBV	325184	499744	3.61%	0.392%
4	7.687	724	731	740	rBV	367239	590879	4.27%	0.464%
5	8.169	803	813	820	rBV	1376041	2246514	16.24%	1.763%
6	8.875	926	933	942	rBV	400252	654290	4.73%	0.514%
7	9.340	1005	1012	1019	rVV	358672	602335	4.36%	0.473%
8	10.069	1123	1136	1148	rBV	278461	493794	3.57%	0.388%
9	10.616	1222	1229	1239	rBV	447275	751049	5.43%	0.590%
10	11.004	1282	1295	1300	rBV	2023335	3549949	25.67%	2.787%
11	11.051	1300	1303	1310	rVB	117672	186049	1.35%	0.146%
12	11.134	1310	1317	1329	rBV	228442	434640	3.14%	0.341%
13	12.645	1569	1574	1583	rVB	92976	153218	1.11%	0.120%
14	12.863	1606	1611	1620	rVB	89990	143341	1.04%	0.113%
15	13.622	1733	1740	1742	rBV	49155	74418	0.54%	0.058%
16	13.645	1742	1744	1748	rVV2	44449	58852	0.43%	0.046%
17	13.992	1795	1803	1810	rVB5	36854	96942	0.70%	0.076%
18	14.128	1821	1826	1831	rBV	72505	122510	0.89%	0.096%
19	14.210	1831	1840	1846	rVV	886133	1266296	9.16%	0.994%
20	14.369	1863	1867	1870	rVV	43079	64613	0.47%	0.051%
21	14.504	1884	1890	1902	rBV	1066459	1639939	11.86%	1.287%
22	14.687	1917	1921	1926	rVB	49795	59198	0.43%	0.046%
23	14.810	1932	1942	1948	rBV	3188430	4710705	34.06%	3.698%
24	14.875	1948	1953	1959	rVV	676872	985749	7.13%	0.774%
25	14.939	1959	1964	1969	rVB	37707	58445	0.42%	0.046%
26	14.998	1969	1974	1984	rBV2	69967	156587	1.13%	0.123%
27	15.204	2003	2009	2017	rVB	386959	582707	4.21%	0.457%
28	15.592	2068	2075	2078	rBV5	35717	70811	0.51%	0.056%
29	15.634	2078	2082	2087	rVB2	60551	85912	0.62%	0.067%
30	15.804	2102	2111	2115	rBV	1274240	1858884	13.44%	1.459%
31	15.857	2115	2120	2126	rVB2	658937	958503	6.93%	0.752%
32	15.922	2126	2131	2135	rBV	94424	142385	1.03%	0.112%
33	16.022	2144	2148	2154	rBV3	58788	111865	0.81%	0.088%
34	16.157	2165	2171	2178	rVB3	297602	514492	3.72%	0.404%
35	16.298	2190	2195	2202	rVB	139043	274924	1.99%	0.216%
36	16.528	2225	2234	2243	rBV2	222438	425262	3.08%	0.334%

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Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
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37	16.834	2279	2286	2288	rBV3	71580	135546	0.98%	0.106%
38	16.863	2288	2291	2296	rVV2	94182	151902	1.10%	0.119%
39	16.910	2296	2299	2305	rVB2	46539	72986	0.53%	0.057%
40	17.092	2322	2330	2333	rBV3	74060	162286	1.17%	0.127%
41	17.133	2334	2337	2340	rVB	47896	63150	0.46%	0.050%
42	17.216	2346	2351	2357	rVV	327134	454760	3.29%	0.357%
43	17.298	2358	2365	2371	rVV5	117518	283849	2.05%	0.223%
44	17.351	2371	2374	2375	rVV2	55808	67263	0.49%	0.053%
45	17.386	2375	2380	2386	rVB	312508	478989	3.46%	0.376%
46	17.569	2404	2411	2414	rBV	3592117	5265893	38.08%	4.134%
47	17.610	2414	2418	2423	rVV	7222495	10382121	75.07%	8.150%
48	17.663	2423	2427	2430	rVV2	1410563	2060564	14.90%	1.617%
49	17.698	2430	2433	2438	rVV	1686556	2257506	16.32%	1.772%
50	17.757	2438	2443	2447	rVB2	88173	155558	1.12%	0.122%
51	17.839	2452	2457	2460	rBV4	41682	73469	0.53%	0.058%
52	17.963	2470	2478	2486	rBV2	791436	1306773	9.45%	1.026%
53	18.033	2487	2490	2493	rVV2	83887	111590	0.81%	0.088%
54	18.075	2493	2497	2504	rVV3	140165	220951	1.60%	0.173%
55	18.139	2504	2508	2516	rVB4	93172	170766	1.23%	0.134%
56	18.422	2551	2556	2560	rVV	728437	1019323	7.37%	0.800%
57	18.469	2560	2564	2570	rVB	798732	1068784	7.73%	0.839%
58	18.545	2572	2577	2582	rVB	249624	360745	2.61%	0.283%
59	18.616	2582	2589	2592	rBV3	1146317	1977697	14.30%	1.552%
60	18.645	2592	2594	2599	rVB	371172	405669	2.93%	0.318%
61	18.704	2600	2604	2609	rBV4	131638	205757	1.49%	0.162%
62	18.751	2609	2612	2616	rBV2	77660	126020	0.91%	0.099%
63	18.898	2632	2637	2641	rBV	534447	687504	4.97%	0.540%
64	18.939	2641	2644	2649	rVB	513848	669814	4.84%	0.526%
65	19.133	2674	2677	2682	rVB2	125528	151926	1.10%	0.119%
66	19.186	2683	2686	2688	rVV	81561	89819	0.65%	0.071%
67	19.222	2689	2692	2696	rVB	143495	154847	1.12%	0.122%
68	19.304	2701	2706	2710	rBV3	323870	512148	3.70%	0.402%
69	19.439	2725	2729	2737	rVB2	286014	473699	3.43%	0.372%
70	19.563	2744	2750	2755	rVB	10146532	13829535	100.00%	10.856%
71	19.616	2756	2759	2761	rBV	70474	79891	0.58%	0.063%
72	19.651	2761	2765	2769	rVV	215041	284930	2.06%	0.224%
73	19.786	2784	2788	2798	rVB3	366913	676523	4.89%	0.531%
74	19.880	2798	2804	2806	rBV2	2743678	4046608	29.26%	3.176%
75	19.916	2806	2810	2816	rVV	7955917	11120675	80.41%	8.729%
76	19.975	2816	2820	2826	rVB2	291947	425006	3.07%	0.334%

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77	20.080	2834	2838	2843	rVB	393988	500460	3.62%	0.393%
78	20.145	2846	2849	2854	rVB	337594	431733	3.12%	0.339%
79	20.216	2857	2861	2868	rBV3	342802	804639	5.82%	0.632%
80	20.275	2868	2871	2878	rBV	165890	225905	1.63%	0.177%
81	20.386	2880	2890	2894	rBV	922726	1784124	12.90%	1.400%
82	20.486	2903	2907	2910	rBV2	653867	773268	5.59%	0.607%
83	20.545	2911	2917	2920	rVV2	431868	738884	5.34%	0.580%
84	20.580	2920	2923	2926	rVB	209429	240526	1.74%	0.189%
85	20.680	2937	2940	2943	rBV	295518	345964	2.50%	0.272%
86	20.727	2945	2948	2951	rVB2	250433	297651	2.15%	0.234%
87	20.798	2958	2960	2964	rBV3	144447	136578	0.99%	0.107%
88	21.116	3011	3014	3021	rVB	465351	597103	4.32%	0.469%
89	21.280	3039	3042	3045	rBV	430227	499998	3.62%	0.392%
90	21.316	3045	3048	3052	rVB2	950517	1114378	8.06%	0.875%
91	21.363	3052	3056	3060	rBV2	606573	867884	6.28%	0.681%
92	21.410	3061	3064	3070	rVB2	554193	777312	5.62%	0.610%
93	21.633	3097	3102	3108	rBV2	4146195	9016400	65.20%	7.078%
94	21.686	3108	3111	3121	rVB	3242872	4449141	32.17%	3.492%
95	21.816	3130	3133	3139	rVB	593138	824244	5.96%	0.647%
96	21.992	3159	3163	3168	rVB2	435435	636798	4.60%	0.500%
97	23.451	3406	3411	3417	rBV	1926249	4502729	32.56%	3.535%
98	24.021	3502	3508	3514	rBV	1403677	2793098	20.20%	2.192%
99	24.133	3522	3527	3535	rVB	2114056	4428620	32.02%	3.476%
100	24.251	3541	3547	3553	rBV2	1425193	2977063	21.53%	2.337%

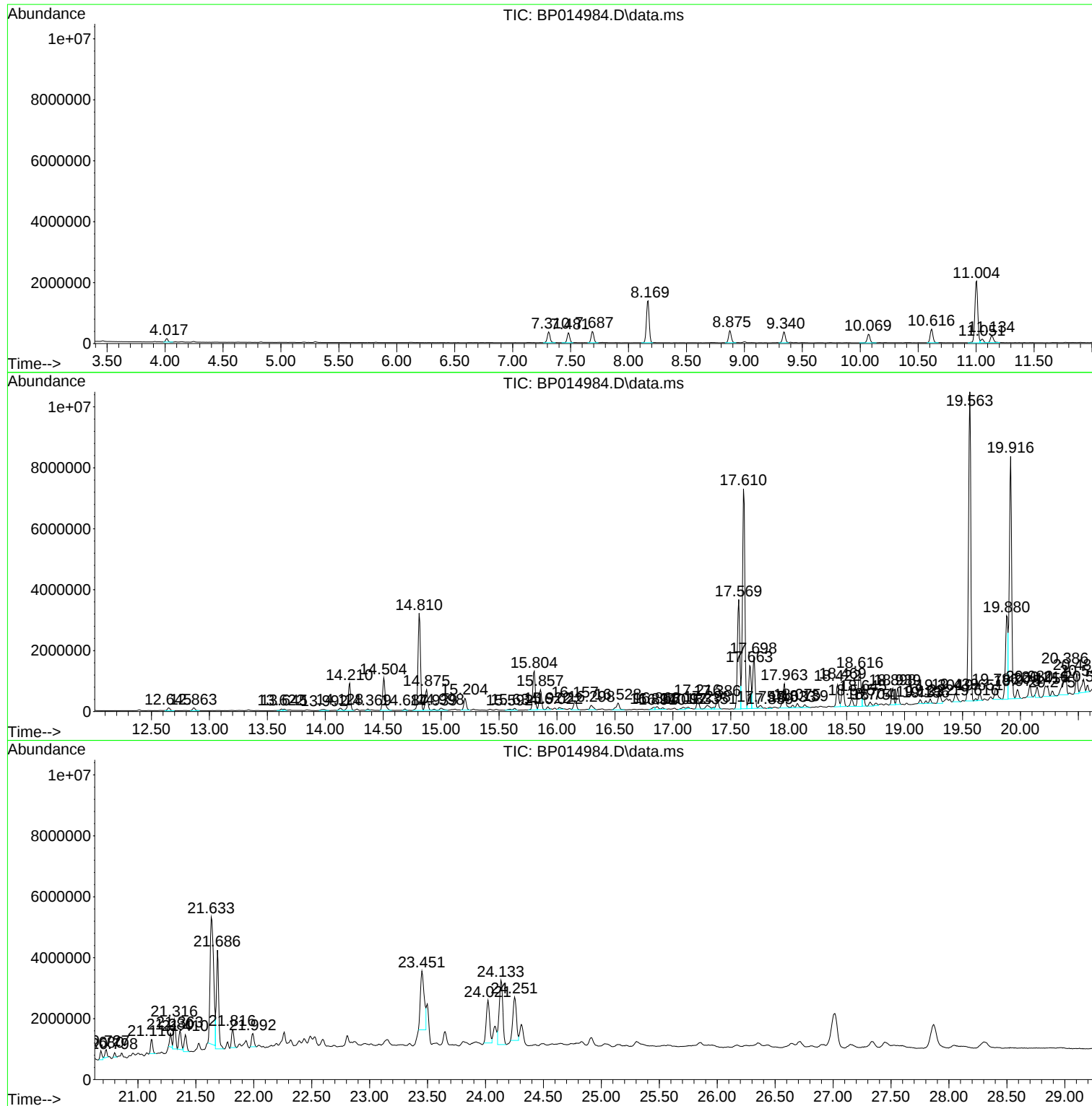
Sum of corrected areas: 127393642

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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



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Sample : 02479-15DL 2X
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Instrument :
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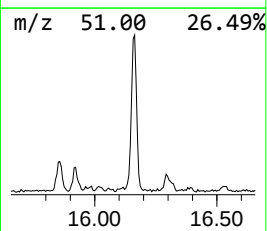
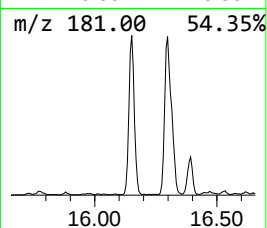
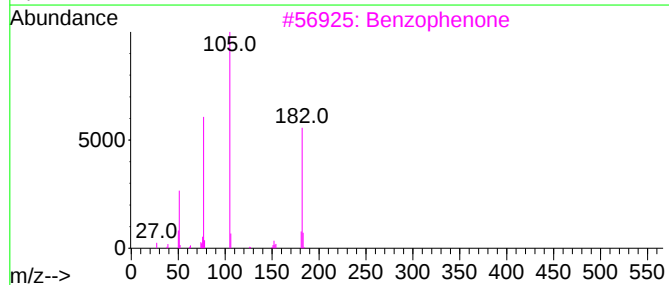
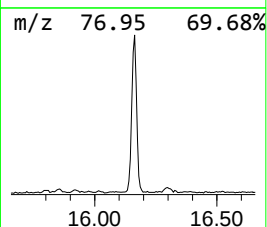
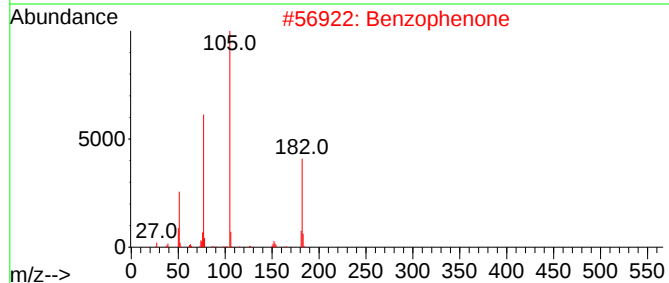
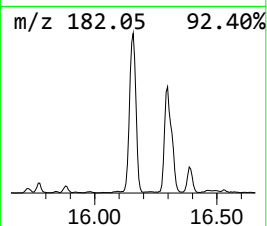
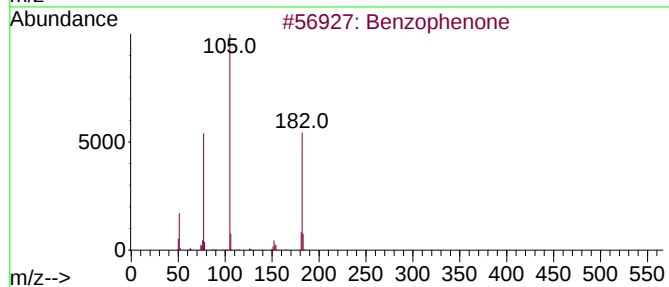
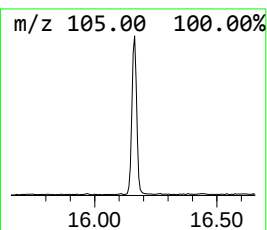
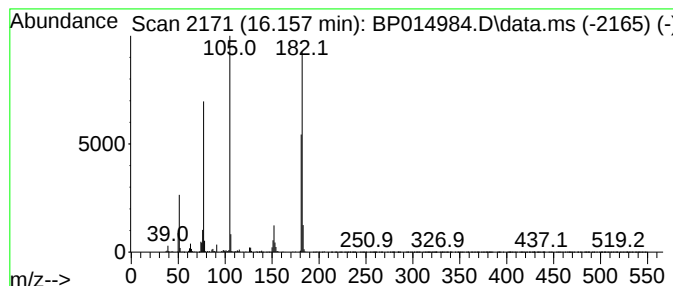
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.157	2.18 ng/ul	514492	Acenaphthene-d10	14.810

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	91
2			Benzophenone	182	C13H10O	000119-61-9	91
3			Benzophenone	182	C13H10O	000119-61-9	81
4			Benzophenone	182	C13H10O	000119-61-9	74
5			Benzophenone	182	C13H10O	000119-61-9	74



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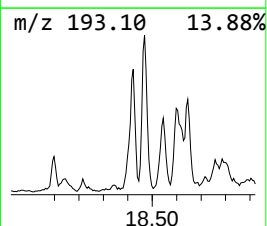
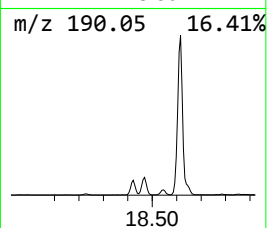
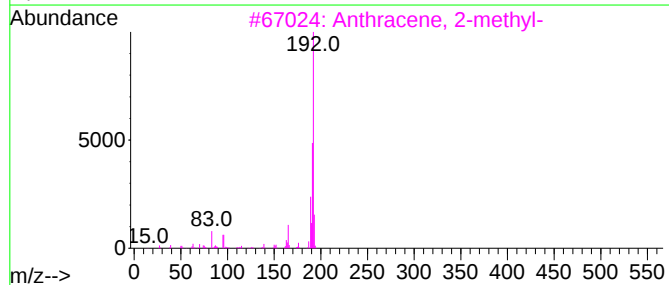
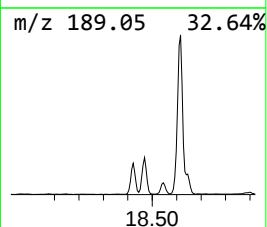
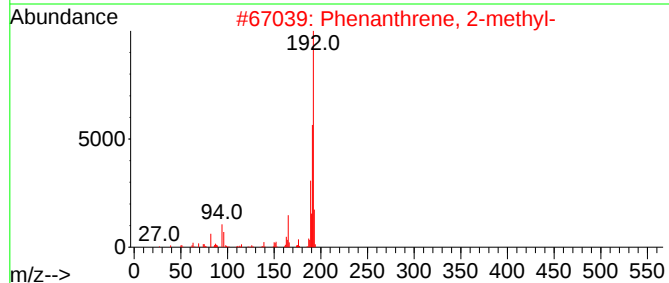
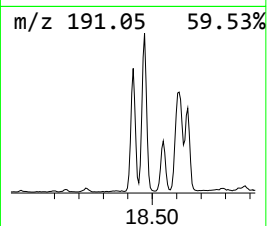
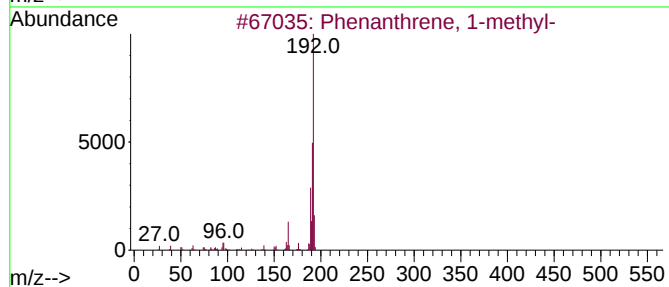
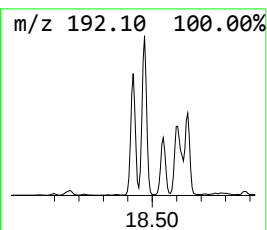
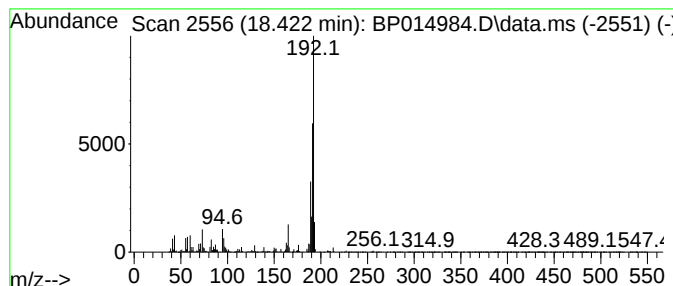
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.422	3.87 ng/ul	1019320	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



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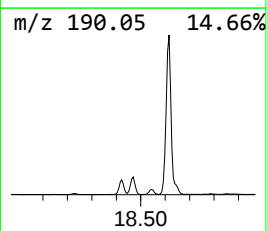
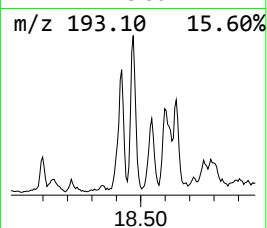
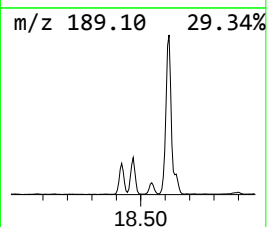
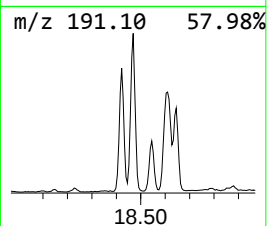
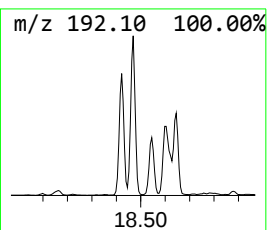
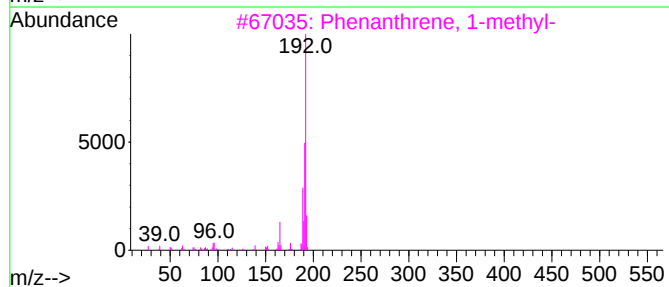
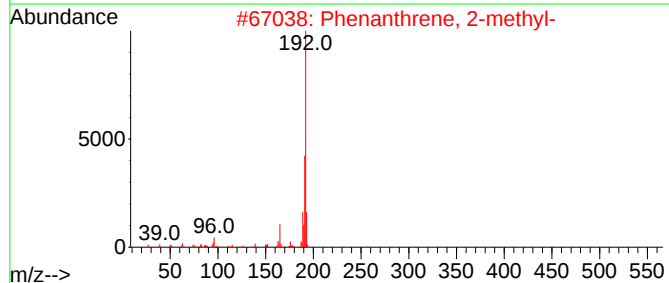
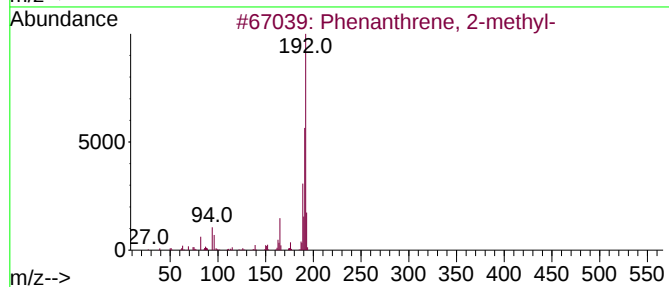
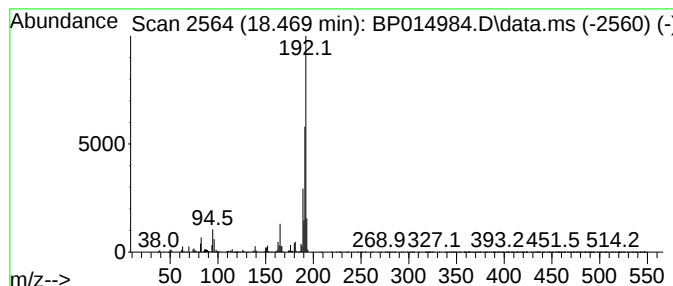
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.469	4.06 ng/ul	1068780	Phenanthrene-d10	17.569

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			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96



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Data File : BP014984.D
Acq On : 05 May 2023 15:22
Operator : CG/JU
Sample : 02479-15DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

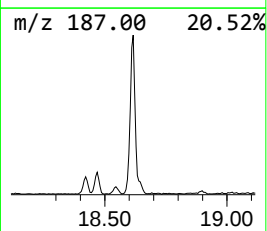
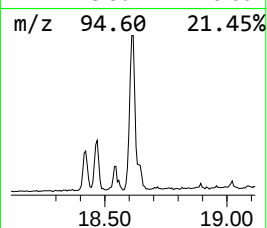
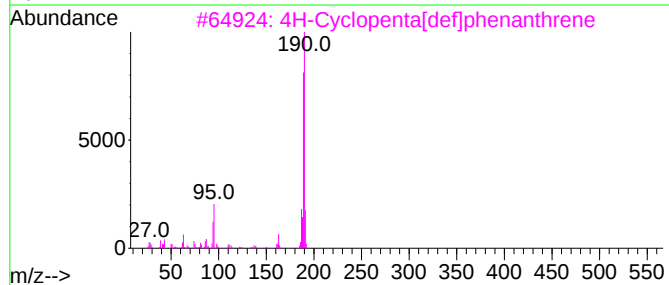
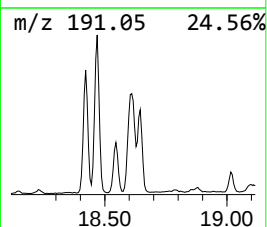
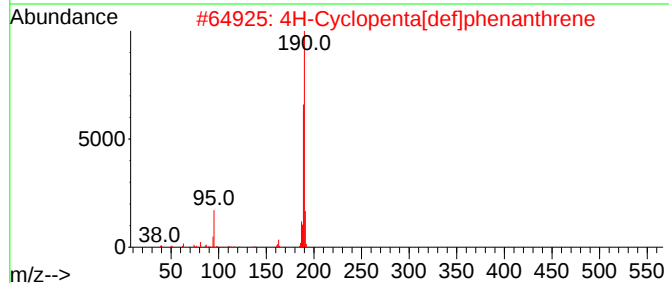
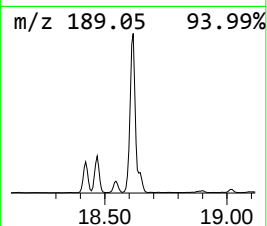
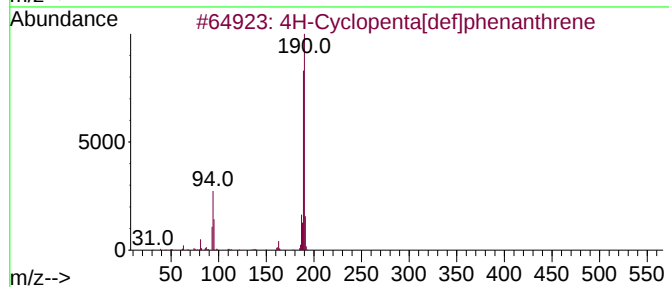
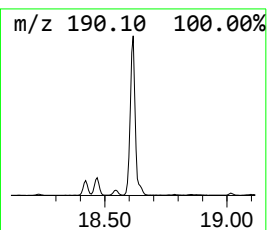
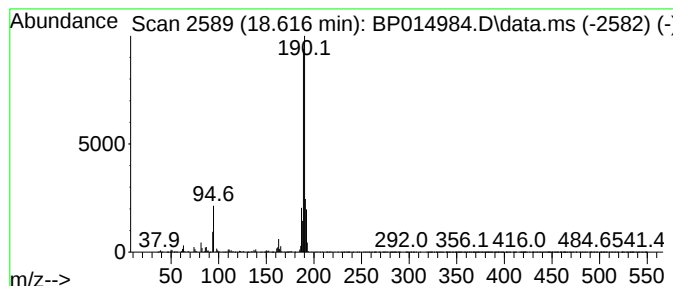
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST20.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.
18.616	7.51 ng/ul	1977700	Phenanthrene-d10			17.569
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	94
2	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	81
3	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	76
4	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	64
5	2,2'-Bis(4,5-dimethylimidazole)		190	C10H14N4	069286-06-2	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014984.D
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Misc :
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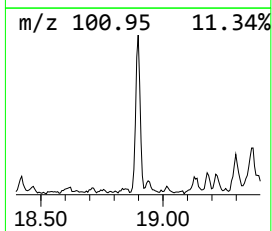
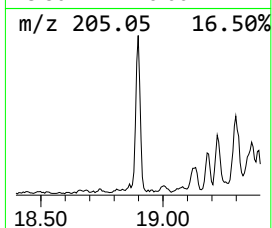
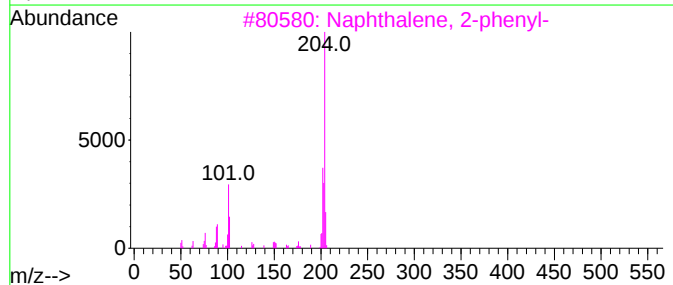
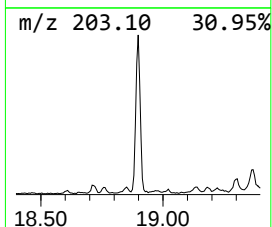
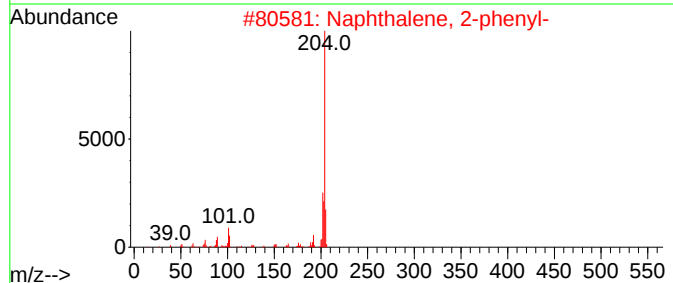
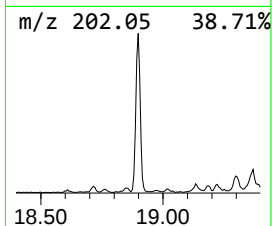
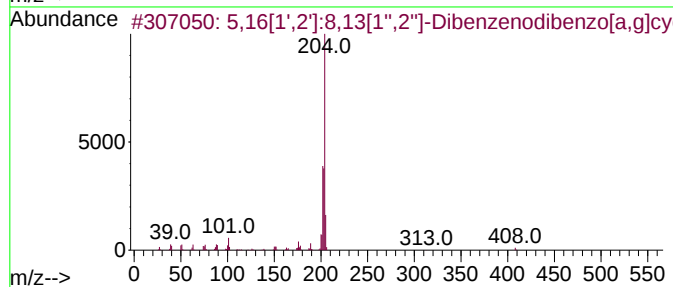
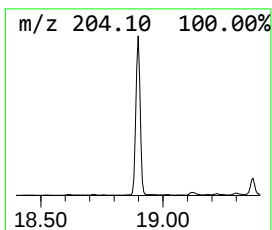
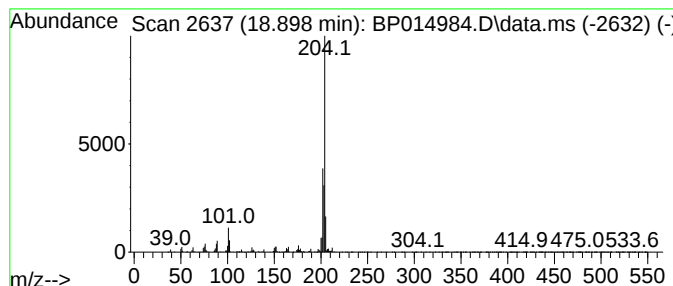
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.898	2.61 ng/ul	687504	Phenanthrene-d10	17.569

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87		
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86		
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83		



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014984.D
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Sample : 02479-15DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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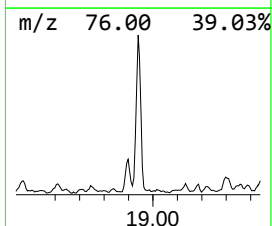
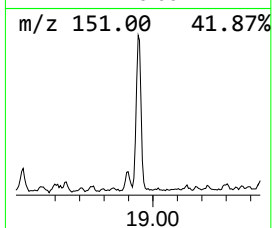
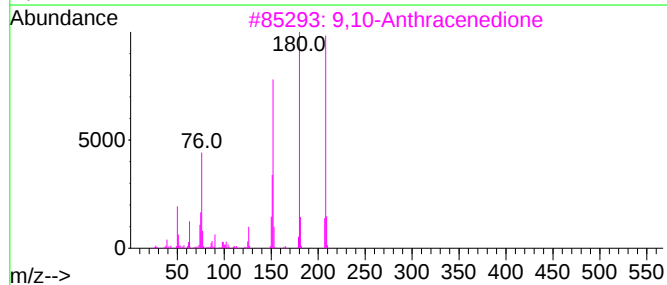
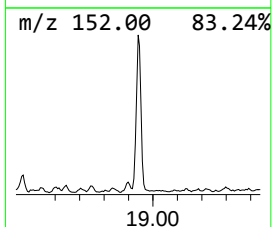
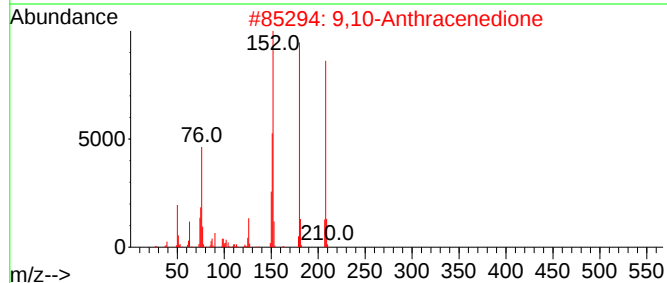
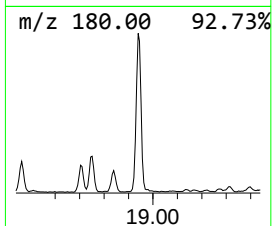
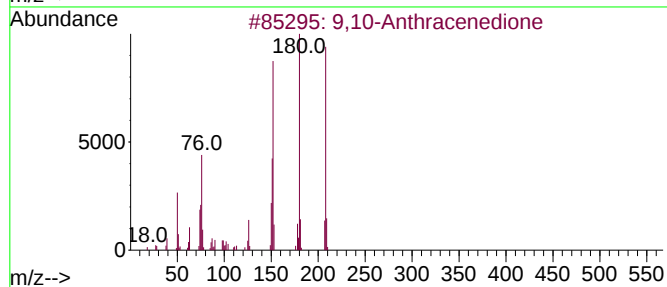
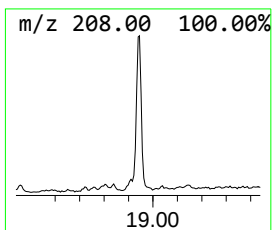
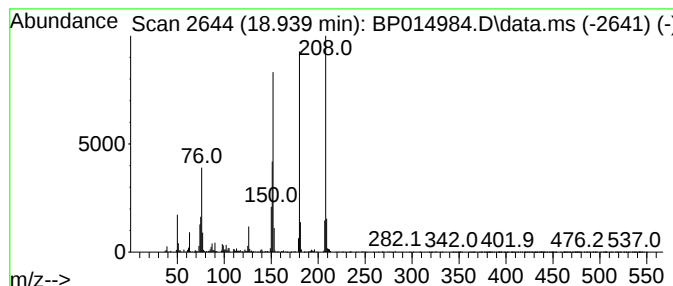
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	2.54 ng/ul	669814	Phenanthrene-d10	17.569

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2		9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3		9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
4		Benzo[c]cinoline	180	C12H8N2	000230-17-1	96
5		9,10-Anthracenedione	208	C14H8O2	000084-65-1	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014984.D
Acq On : 05 May 2023 15:22
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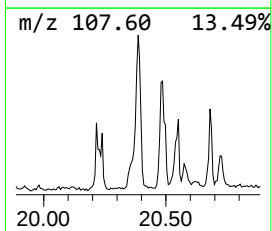
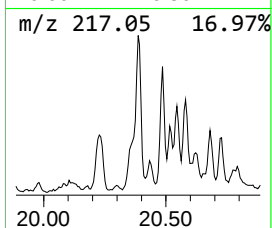
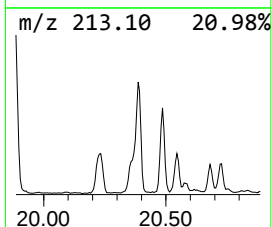
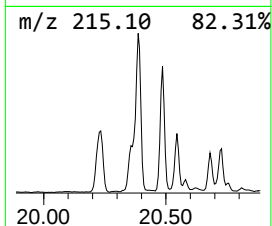
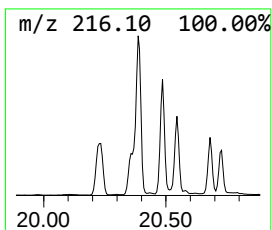
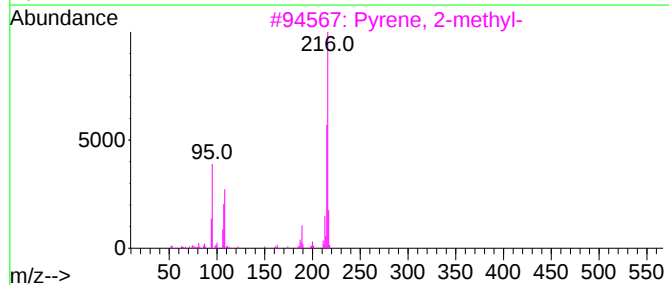
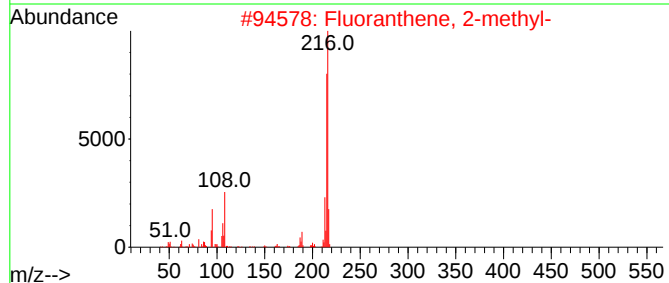
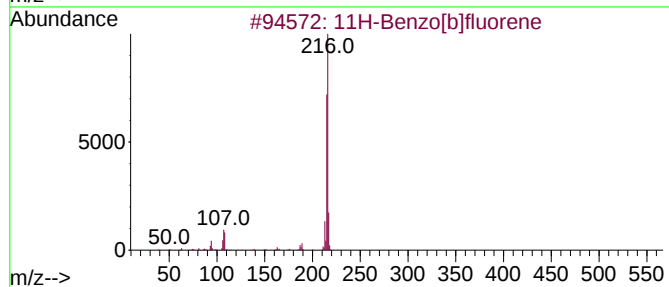
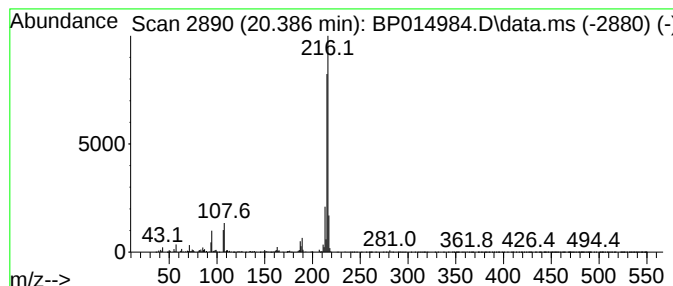
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TIC Library : C:\DATABASE\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 7 11H-Benzo[b]fluorene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	3.96 ng/ul	1784120	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014984.D
Acq On : 05 May 2023 15:22
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Sample : 02479-15DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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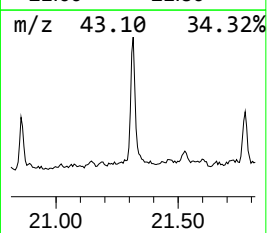
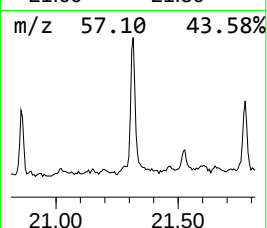
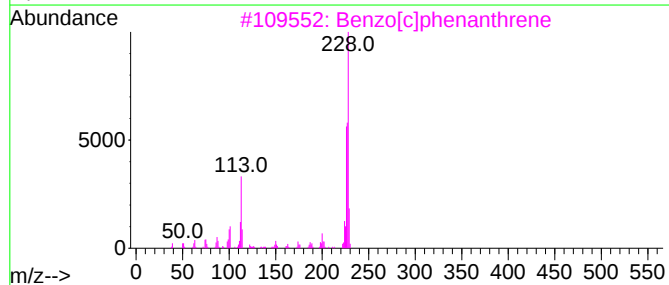
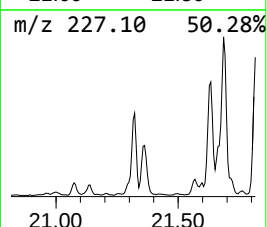
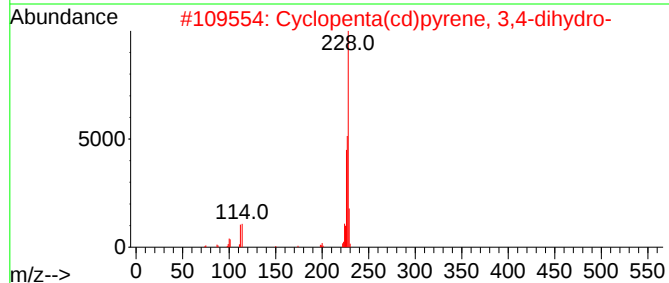
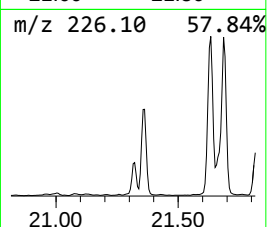
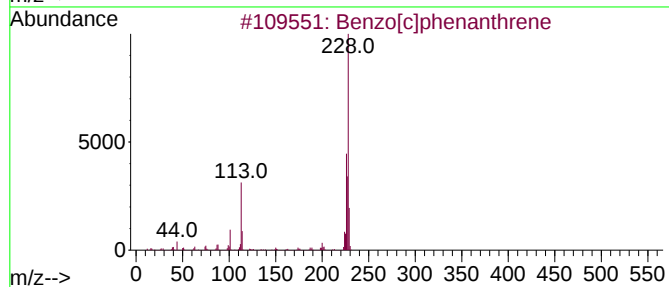
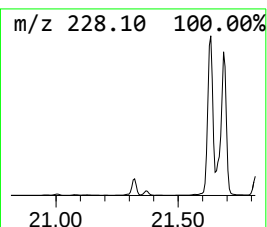
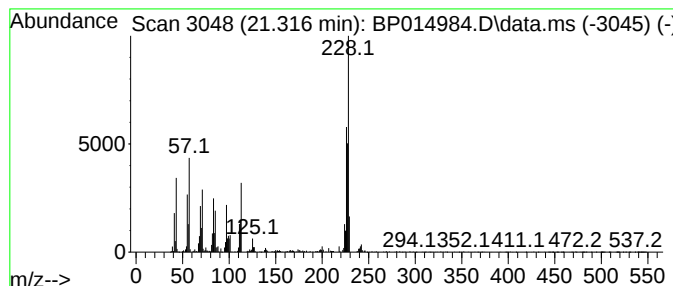
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[c]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.316	2.47 ng/ul	1114380	Chrysene-d12	21.651

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]phenanthrene	228	C18H12	000195-19-7	55
2			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	55
3			Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
4			5-Bromo-1-chloro-2,4-difluoroben...	226	C6H2BrClF2	914636-89-8	47
5			Benzo[c]phenanthrene	228	C18H12	000195-19-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014984.D
Acq On : 05 May 2023 15:22
Operator : CG/JU
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Misc :
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Instrument :
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ClientSampleId :
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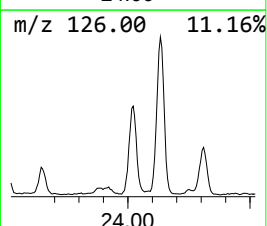
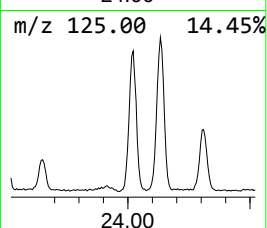
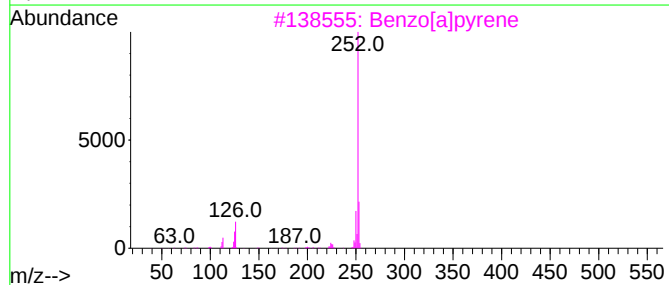
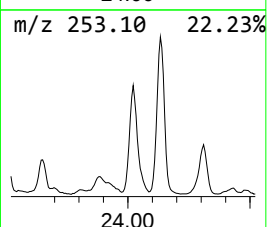
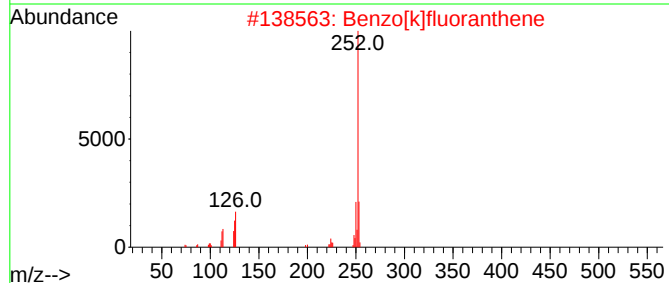
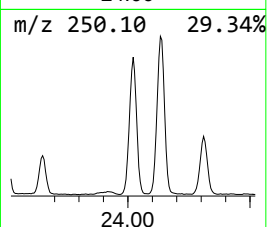
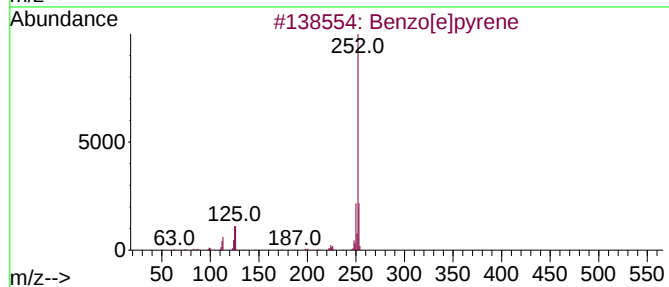
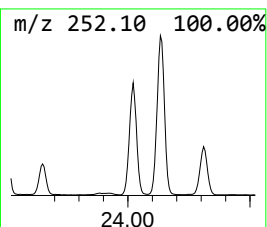
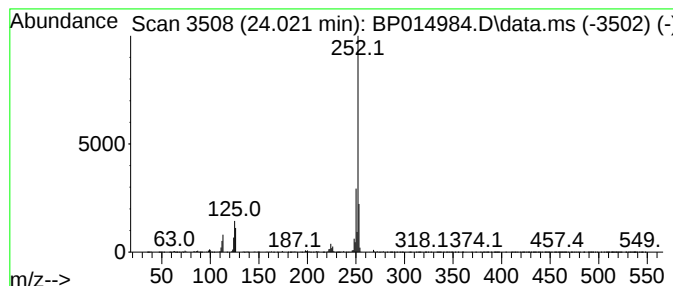
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.021	18.76 ng/ul	2793100	Perylene-d12	24.251

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	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	97
4			Perylene	252	C20H12	000198-55-0	95
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP050523\
Data File : BP014984.D
Acq On : 05 May 2023 15:22
Operator : CG/JU
Sample : 02479-15DL 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP050323.MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	16.157	2.2	ng/u1	514492	3	14.810	4710710	20.0
Phenanthrene, 1...	18.422	3.9	ng/u1	1019320	4	17.569	5265890	20.0
Phenanthrene, 2...	18.469	4.1	ng/u1	1068780	4	17.569	5265890	20.0
4H-Cyclopenta[d...	18.616	7.5	ng/u1	1977700	4	17.569	5265890	20.0
5,16[1',2']:8,1...	18.898	2.6	ng/u1	687504	4	17.569	5265890	20.0
9,10-Anthracene...	18.939	2.5	ng/u1	669814	4	17.569	5265890	20.0
11H-Benzo[b]flu...	20.386	4.0	ng/u1	1784120	5	21.651	9016400	20.0
Benzo[c]phenant...	21.316	2.5	ng/u1	1114380	5	21.651	9016400	20.0
Benzo[e]pyrene	24.021	18.8	ng/u1	2793100	6	24.251	2977060	20.0