

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045830.D
 Acq On : 04 Jun 2024 23:50
 Operator : MA/JU
 Sample : P2589-19
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BH6D3

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-BM053124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM045830.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.469	78	82	92	rBV	290763	644898	6.04%	0.409%
2	3.546	92	95	102	rVB	127354	204155	1.91%	0.129%
3	6.722	628	635	648	rBV	1200430	2085709	19.54%	1.322%
4	6.828	648	653	665	rBV	862341	1472748	13.80%	0.934%
5	7.028	680	687	696	rBV	1309905	1987669	18.62%	1.260%
6	7.463	755	761	770	rBV	1354635	2066636	19.36%	1.310%
7	8.004	848	853	864	rVV	70015	158182	1.48%	0.100%
8	8.234	886	892	900	rBV	1226044	1999527	18.73%	1.268%
9	8.628	952	959	968	rBV	1288479	2082842	19.51%	1.321%
10	9.340	1073	1080	1088	rVV	1071771	1749578	16.39%	1.109%
11	9.892	1167	1174	1186	rBV	1572214	2638643	24.72%	1.673%
12	10.234	1221	1232	1237	rBV	1791461	2990528	28.02%	1.896%
13	10.287	1237	1241	1249	rVB3	89741	161688	1.51%	0.103%
14	10.416	1257	1263	1279	rVB	704831	1349765	12.65%	0.856%
15	10.834	1328	1334	1346	rVV2	74464	159898	1.50%	0.101%
16	11.657	1465	1474	1486	rVV2	74132	191673	1.80%	0.122%
17	11.904	1511	1516	1526	rVB	84243	135051	1.27%	0.086%
18	13.428	1770	1775	1779	rBV	94863	147921	1.39%	0.094%
19	13.557	1789	1797	1805	rBV	2707339	3732023	34.96%	2.366%
20	13.798	1829	1838	1849	rBV	2962842	4595335	43.05%	2.913%
21	14.110	1882	1891	1897	rBV	2626581	3802193	35.62%	2.411%
22	14.175	1897	1902	1906	rBV	224317	324138	3.04%	0.206%
23	14.404	1935	1941	1952	rBV	1149024	1724845	16.16%	1.094%
24	14.510	1954	1959	1967	rVV	224522	396029	3.71%	0.251%
25	15.104	2054	2060	2066	rBV	3622181	5190242	48.62%	3.291%
26	15.163	2066	2070	2076	rVB	280195	364723	3.42%	0.231%
27	15.245	2079	2084	2089	rBV	671115	888197	8.32%	0.563%
28	15.463	2116	2121	2131	rVB	146380	233194	2.18%	0.148%
29	15.604	2138	2145	2153	rVB	147386	323312	3.03%	0.205%
30	15.845	2181	2186	2190	rBV3	142955	220583	2.07%	0.140%
31	16.163	2234	2240	2246	rBV3	99328	210928	1.98%	0.134%
32	16.398	2277	2280	2283	rVV2	98073	143011	1.34%	0.091%
33	16.433	2283	2286	2290	rVV2	101608	163409	1.53%	0.104%
34	16.516	2295	2300	2308	rVB	448470	626104	5.87%	0.397%
35	16.592	2308	2313	2314	rBV	113040	142444	1.33%	0.090%
36	16.668	2322	2326	2337	rVB	274314	504842	4.73%	0.320%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
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37	16.851	2352	2357	2361	rBV	3049032	4339961	40.66%	2.752%
38	16.892	2361	2364	2369	rVV	4547395	6110089	57.24%	3.874%
39	16.951	2369	2374	2378	rVV	4120794	5724153	53.63%	3.629%
40	16.986	2378	2380	2386	rVV	782346	857505	8.03%	0.544%
41	17.057	2387	2392	2398	rVV3	124669	232636	2.18%	0.147%
42	17.245	2419	2424	2425	rBV	135971	166600	1.56%	0.106%
43	17.274	2425	2429	2442	rVV	568451	921237	8.63%	0.584%
44	17.380	2442	2447	2452	rVV4	149677	257342	2.41%	0.163%
45	17.439	2452	2457	2466	rVB5	137232	282923	2.65%	0.179%
46	17.651	2489	2493	2497	rBV3	101844	152073	1.42%	0.096%
47	17.727	2501	2506	2510	rBV	632635	920718	8.63%	0.584%
48	17.780	2510	2515	2522	rVV2	1360662	2584715	24.21%	1.639%
49	17.845	2522	2526	2533	rVV2	780954	1149684	10.77%	0.729%
50	17.915	2533	2538	2542	rVV2	798600	1383810	12.96%	0.877%
51	17.957	2542	2545	2553	rVB	502165	672848	6.30%	0.427%
52	18.051	2556	2561	2564	rBV2	141337	227937	2.14%	0.145%
53	18.233	2588	2592	2595	rBV	459945	568348	5.32%	0.360%
54	18.274	2595	2599	2605	rVB	1262129	1610790	15.09%	1.021%
55	18.480	2631	2634	2639	rVB3	184158	237140	2.22%	0.150%
56	18.533	2639	2643	2646	rBV	188509	223535	2.09%	0.142%
57	18.574	2646	2650	2654	rVB2	156718	195713	1.83%	0.124%
58	18.668	2658	2666	2669	rBV2	448240	1111324	10.41%	0.705%
59	18.745	2677	2679	2683	rVB2	167024	179840	1.68%	0.114%
60	18.798	2683	2688	2695	rBV	621677	1032674	9.67%	0.655%
61	18.915	2700	2708	2716	rBV	8198618	10674230	100.00%	6.767%
62	19.021	2723	2726	2730	rVB	183280	214584	2.01%	0.136%
63	19.068	2730	2734	2739	rBV3	415034	669080	6.27%	0.424%
64	19.121	2740	2743	2746	rVV2	260591	347227	3.25%	0.220%
65	19.157	2746	2749	2754	rVB2	218992	352187	3.30%	0.223%
66	19.251	2760	2765	2768	rBV	5722282	8328338	78.02%	5.280%
67	19.280	2768	2770	2779	rVB	6707838	7786687	72.95%	4.937%
68	19.357	2779	2783	2788	rVB3	371501	571687	5.36%	0.362%
69	19.409	2788	2792	2795	rBV	215400	251353	2.35%	0.159%
70	19.462	2797	2801	2806	rVB	412969	531994	4.98%	0.337%
71	19.527	2808	2812	2818	rVB	363343	580093	5.43%	0.368%
72	19.609	2820	2826	2833	rBV3	498268	1242061	11.64%	0.787%
73	19.745	2845	2849	2851	rBV3	443355	644469	6.04%	0.409%
74	19.780	2852	2855	2859	rVB	641665	794200	7.44%	0.504%
75	19.815	2859	2861	2865	rVB2	157239	160705	1.51%	0.102%
76	19.880	2869	2872	2876	rBV	367445	426123	3.99%	0.270%

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77	19.933	2876	2881	2885	rBV2	712901	1182882	11.08%	0.750%
78	20.021	2893	2896	2899	rBV	130323	158802	1.49%	0.101%
79	20.074	2902	2905	2909	rVV	339686	390844	3.66%	0.248%
80	20.121	2909	2913	2918	rBV2	360869	565992	5.30%	0.359%
81	20.209	2924	2928	2931	rBV	1123108	1292696	12.11%	0.820%
82	20.315	2943	2946	2948	rBV	176598	173951	1.63%	0.110%
83	20.351	2949	2952	2958	rVV	517495	687065	6.44%	0.436%
84	20.527	2979	2982	2989	rVB	891033	1174702	11.01%	0.745%
85	20.692	3005	3010	3014	rBV2	569140	907645	8.50%	0.575%
86	20.733	3014	3017	3020	rVV	588765	720926	6.75%	0.457%
87	20.774	3020	3024	3029	rVV3	946655	1712039	16.04%	1.085%
88	20.827	3030	3033	3039	rVB	786295	1042939	9.77%	0.661%
89	20.998	3057	3062	3066	rBV	4932329	5552164	52.01%	3.520%
90	21.062	3066	3073	3077	rVV2	3197106	7526919	70.51%	4.772%
91	21.103	3077	3080	3089	rVB	2815759	3886078	36.41%	2.464%
92	21.233	3099	3102	3104	rBV2	279367	379644	3.56%	0.241%
93	21.698	3178	3181	3186	rVB2	432096	581221	5.45%	0.368%
94	21.768	3188	3193	3198	rVB3	514340	823193	7.71%	0.522%
95	22.939	3385	3392	3398	rBV	1810424	5074192	47.54%	3.217%
96	23.539	3488	3494	3499	rBV	924707	1972202	18.48%	1.250%
97	23.603	3499	3505	3510	rVV2	1620163	3248905	30.44%	2.060%
98	23.656	3510	3514	3527	rVB	1274384	2652887	24.85%	1.682%
99	23.786	3529	3536	3543	rBV	1284663	3027735	28.36%	1.920%
100	26.785	4039	4046	4062	rVB3	651799	2461550	23.06%	1.561%

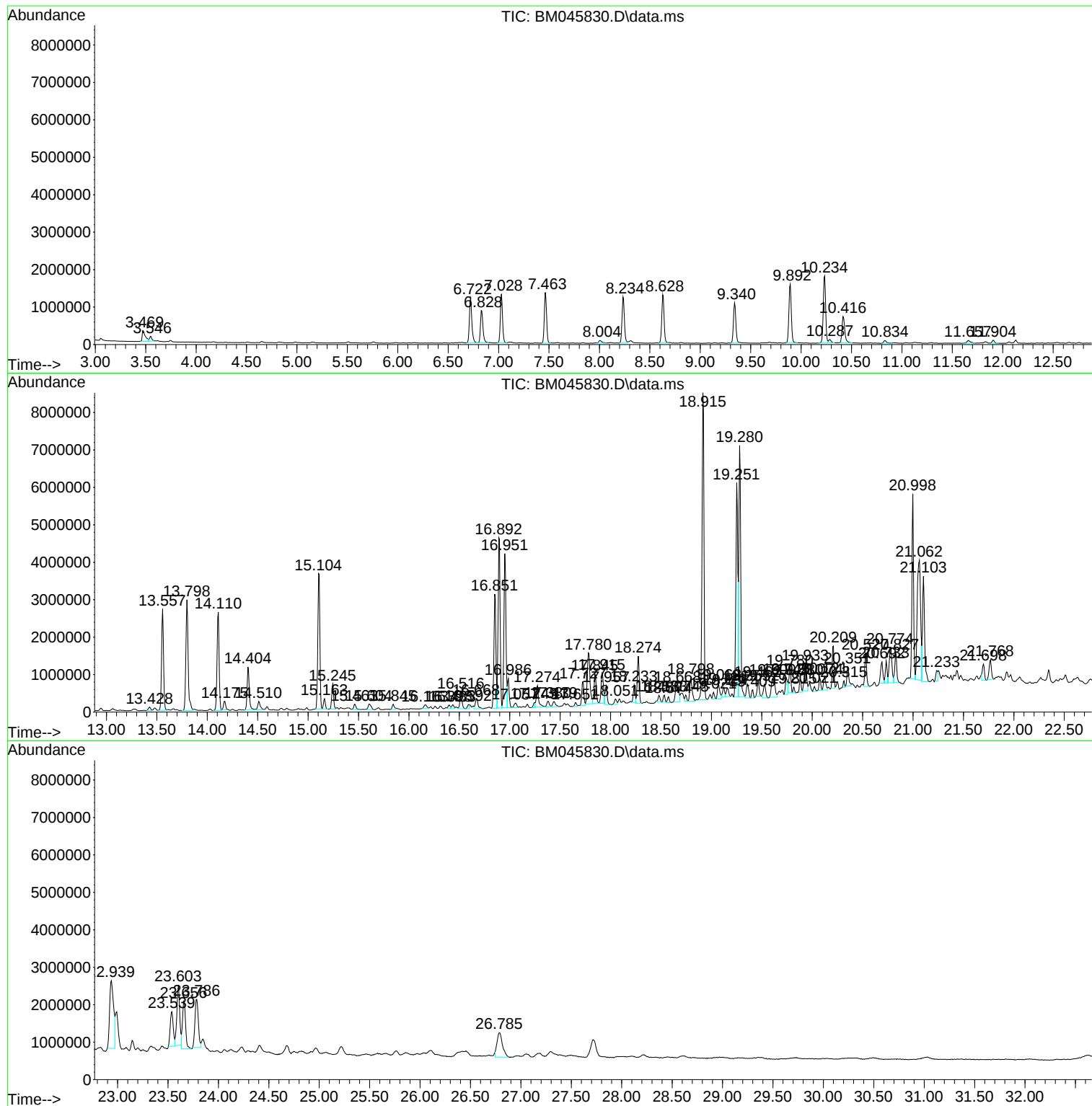
Sum of corrected areas: 157728449

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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



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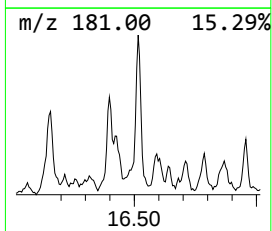
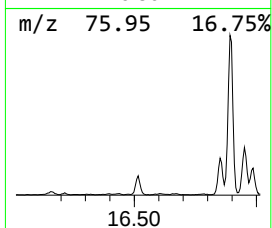
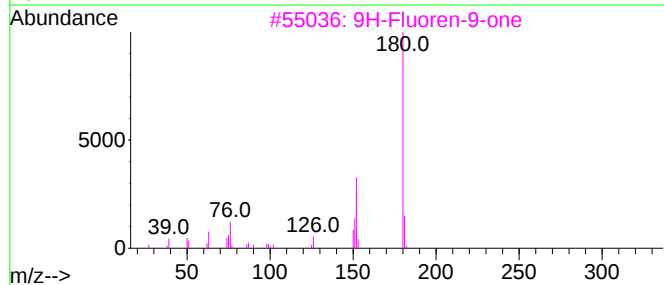
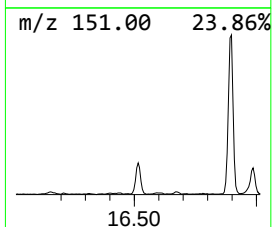
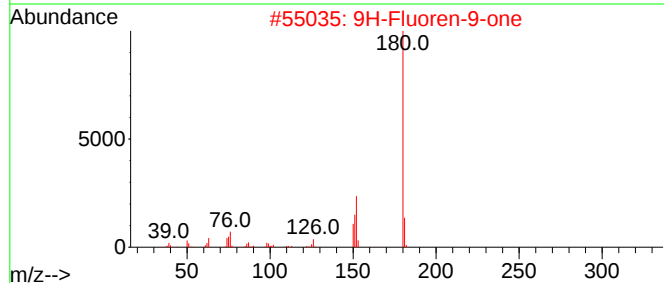
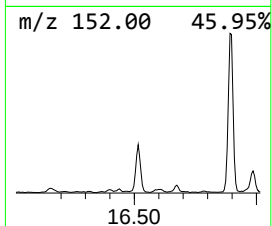
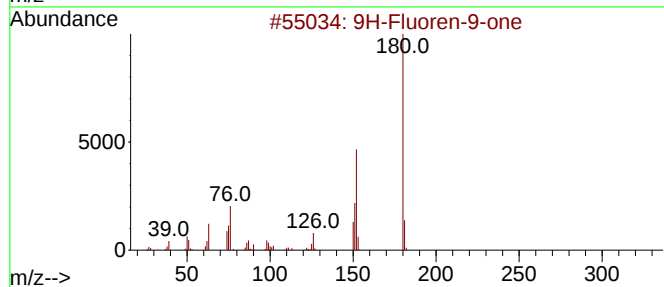
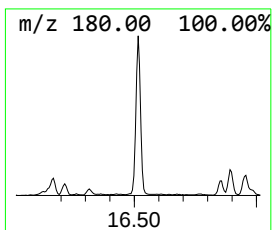
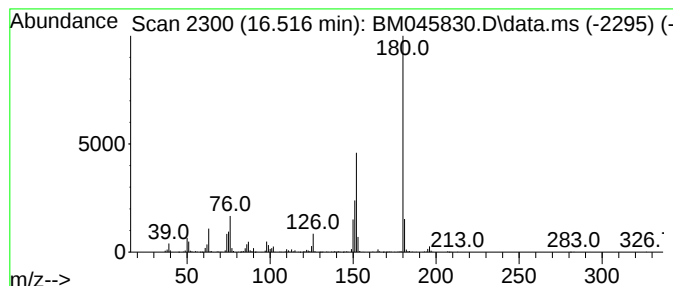
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.516	2.89 ng/ul	626104	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	98
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	97
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94



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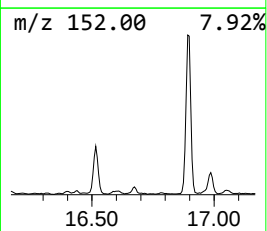
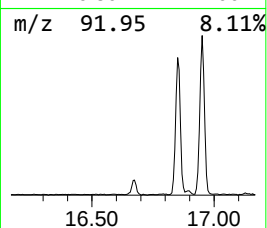
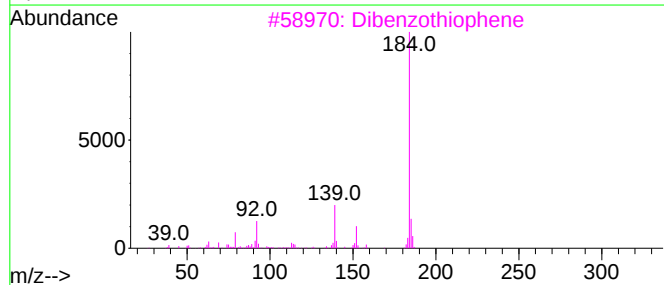
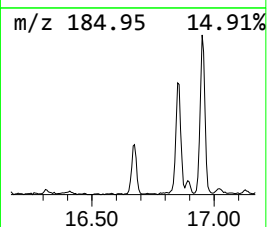
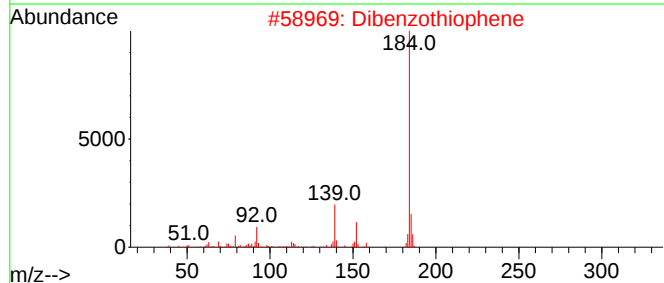
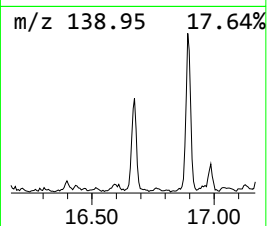
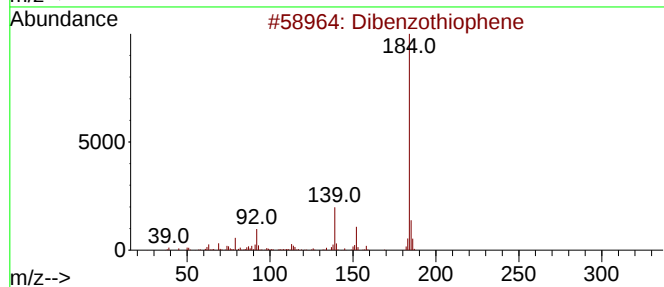
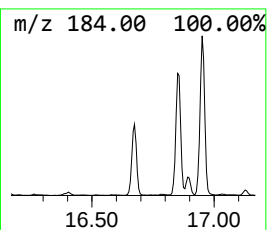
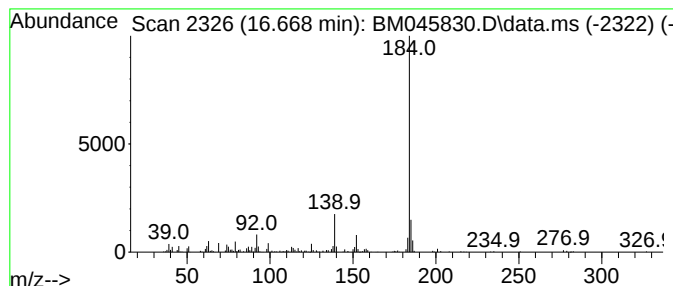
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Dibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.669	2.33 ng/ul	504842	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	95
4			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94



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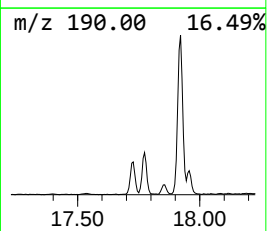
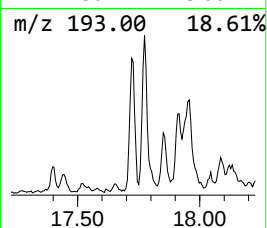
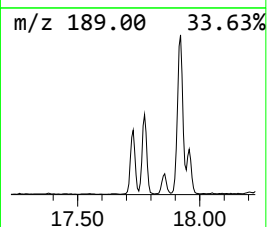
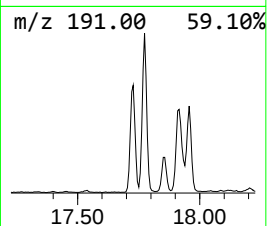
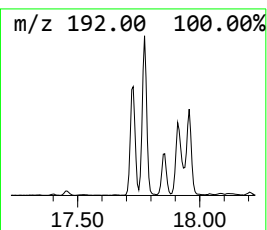
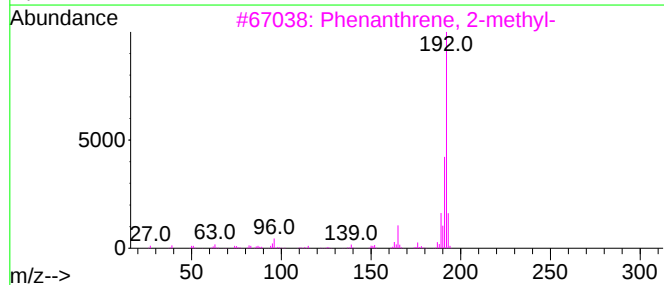
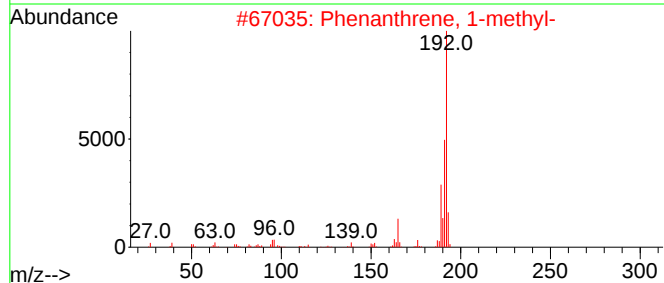
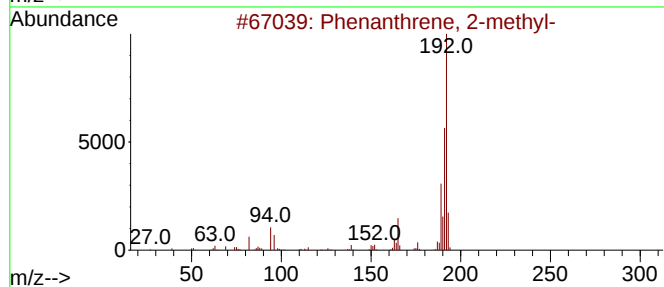
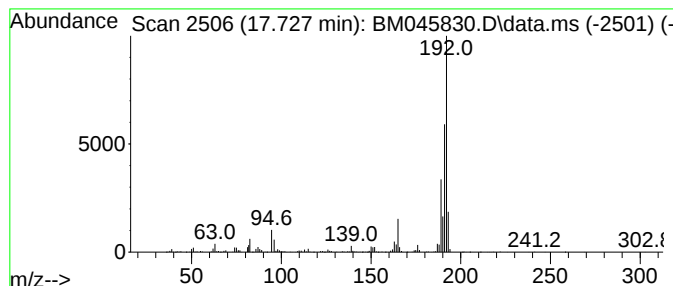
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	4.24 ng/ul	920718	Phenanthrene-d10	16.851

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			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



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Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
Operator : MA/JU
Sample : P2589-19
Misc :
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Instrument :
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ClientSampleId :
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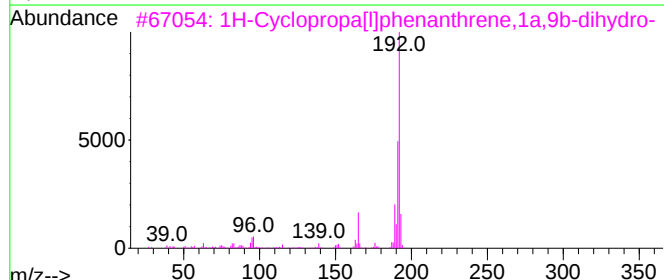
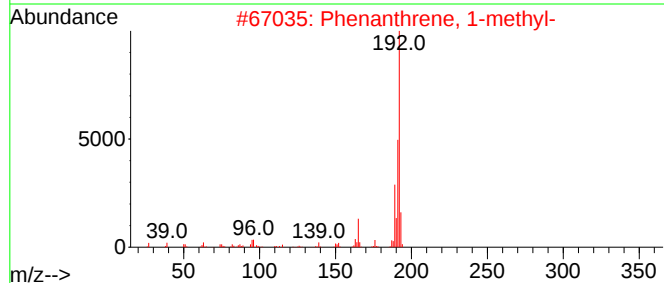
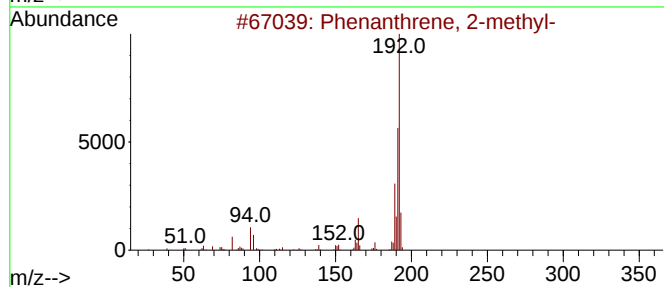
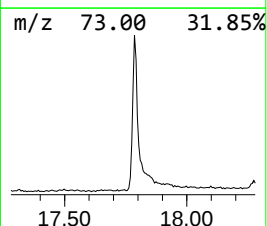
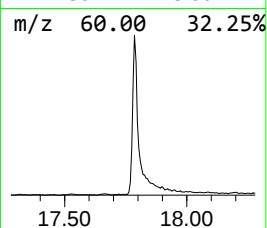
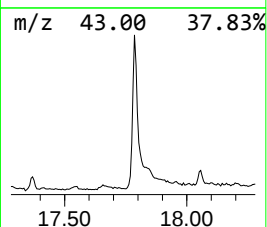
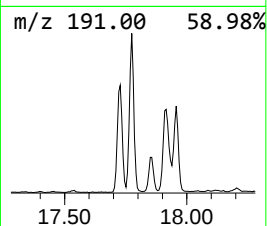
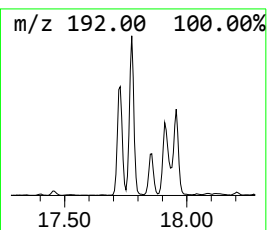
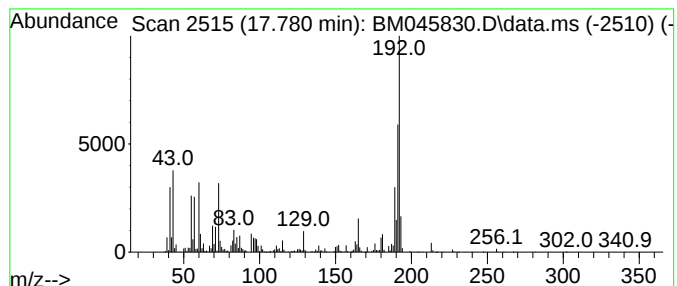
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.780	11.91 ng/ul	2584720	Phenanthrene-d10	16.851

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
Operator : MA/JU
Sample : P2589-19
Misc :
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Instrument :
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ClientSampleId :
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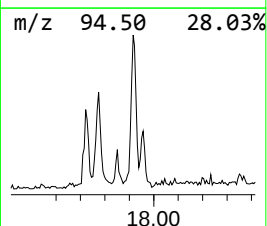
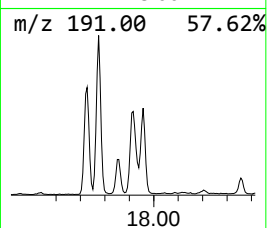
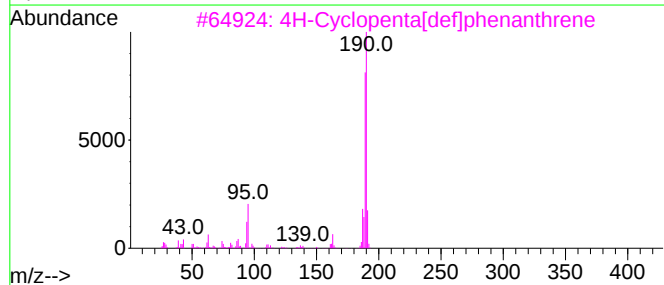
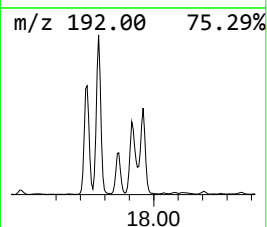
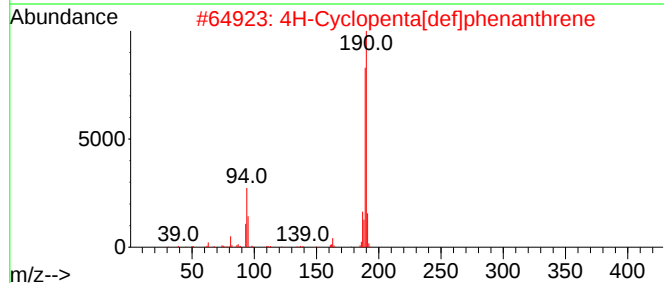
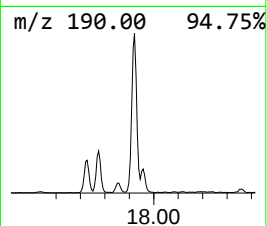
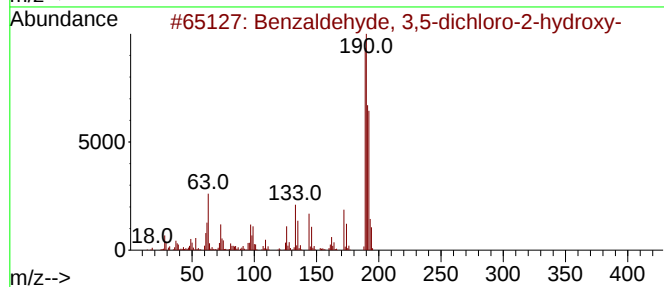
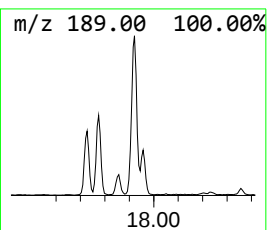
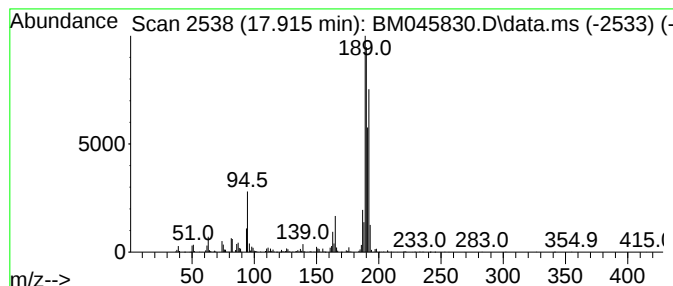
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzaldehyde, 3,5-dichloro-... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	6.38 ng/ul	1383810	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	42
5			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
Operator : MA/JU
Sample : P2589-19
Misc :
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ClientSampleId :
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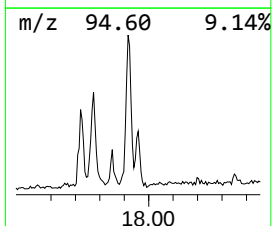
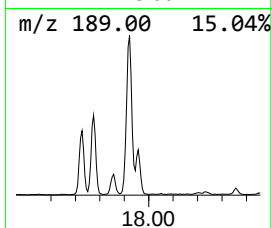
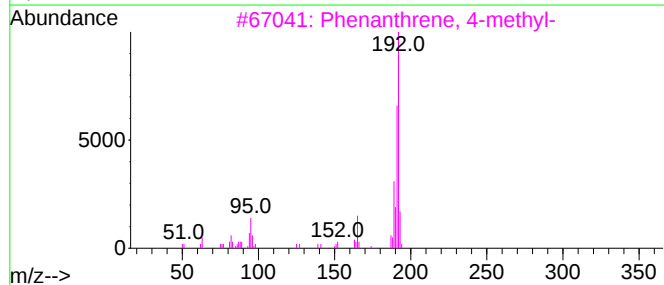
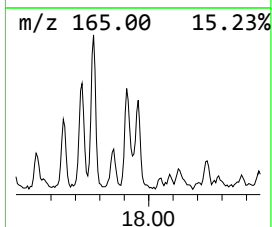
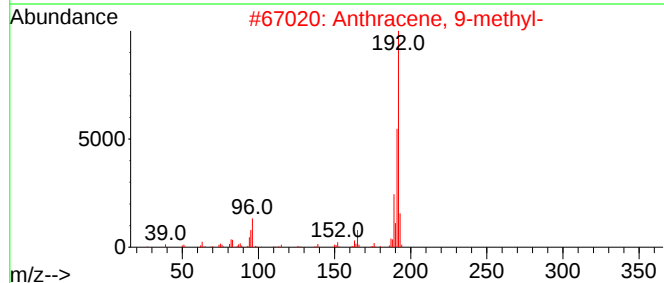
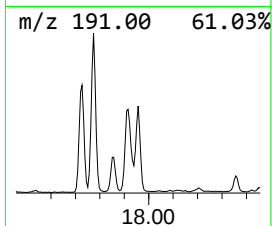
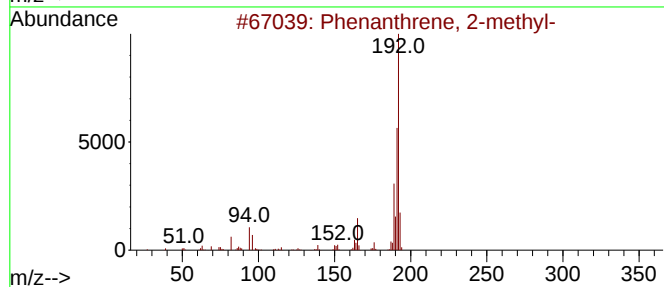
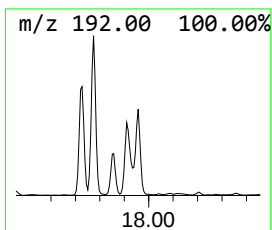
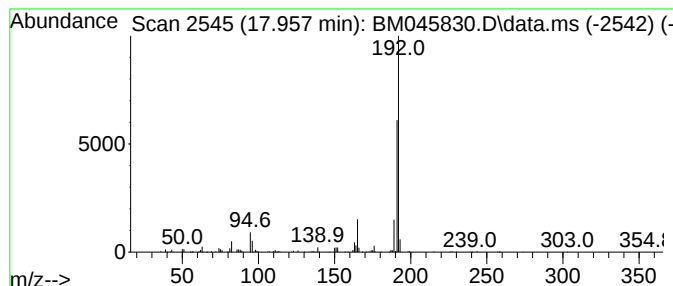
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Anthracene, 9-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	3.10 ng/ul	672848	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
4			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
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Instrument :
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ClientSampleId :
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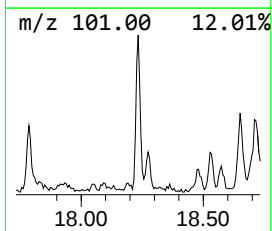
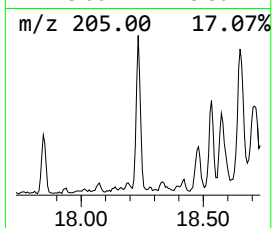
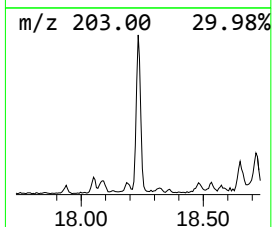
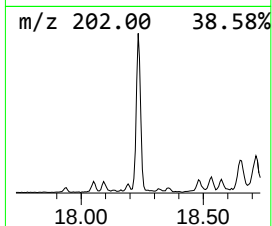
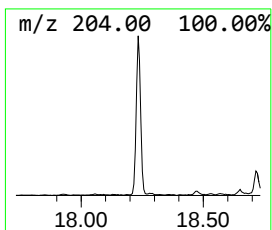
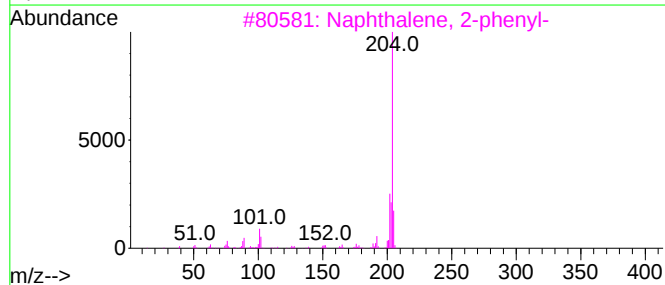
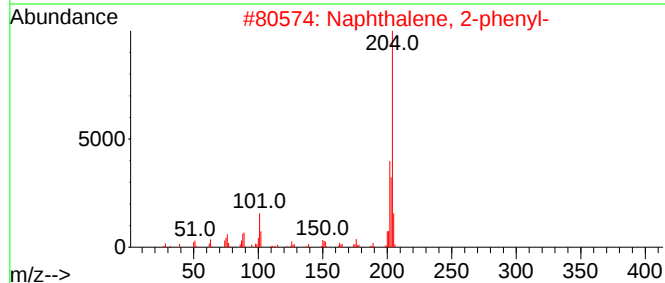
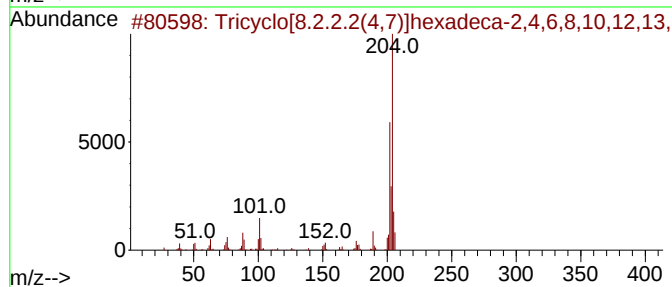
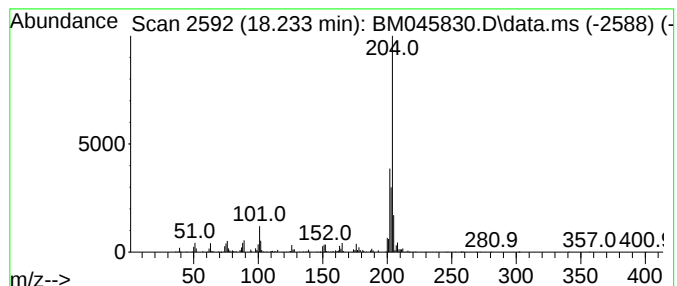
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Tricyclo[8.2.2.2(4,7)]hexad... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	2.62 ng/ul	568348	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	86
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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Misc :
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Instrument :
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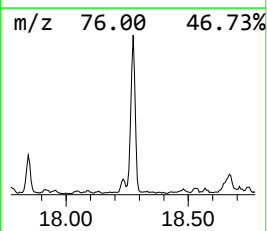
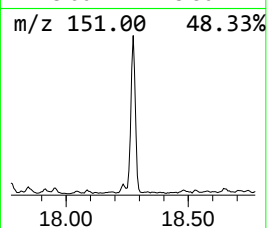
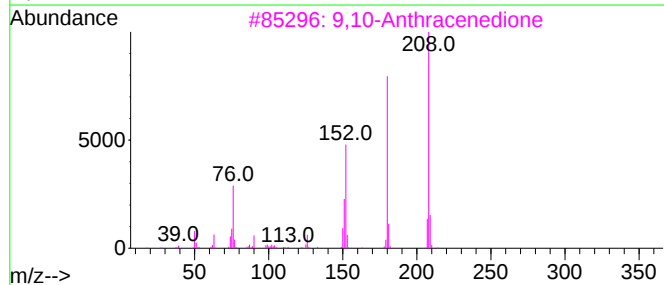
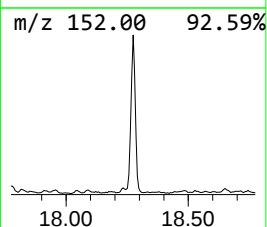
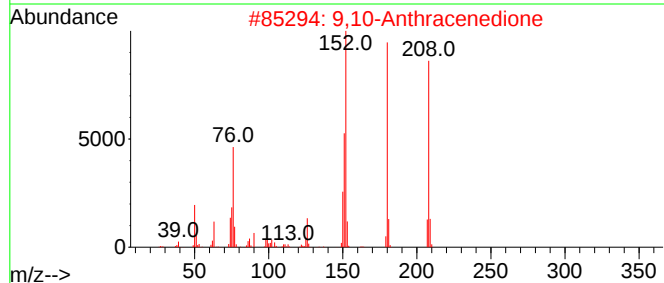
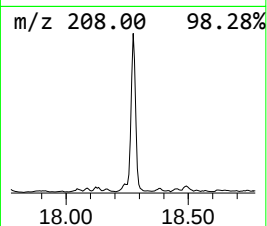
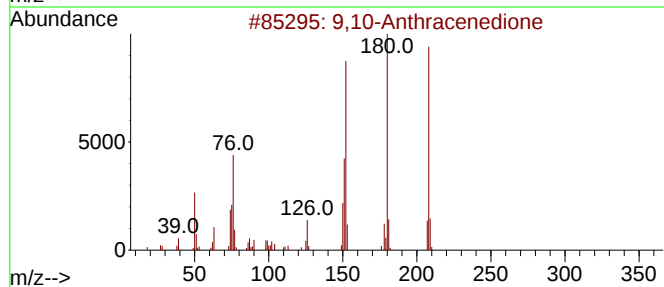
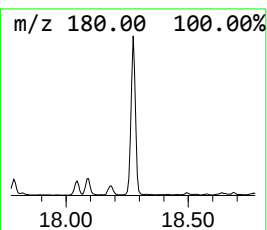
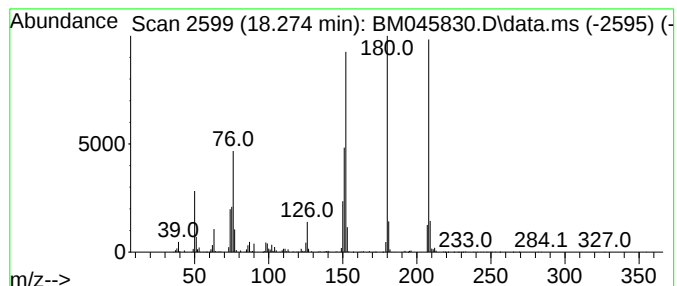
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	7.42 ng/ul	1610790	Phenanthrene-d10	16.851

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	99
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	92



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ClientSampleId :
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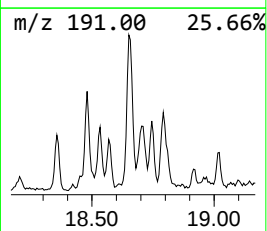
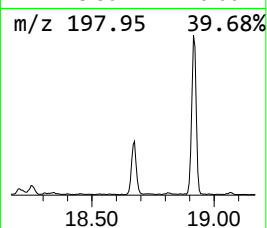
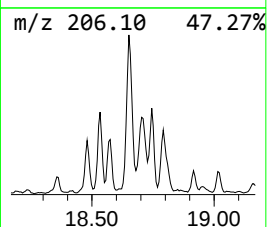
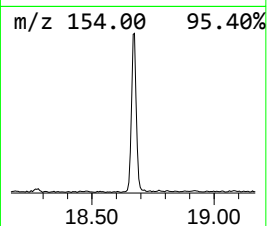
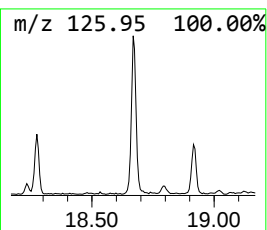
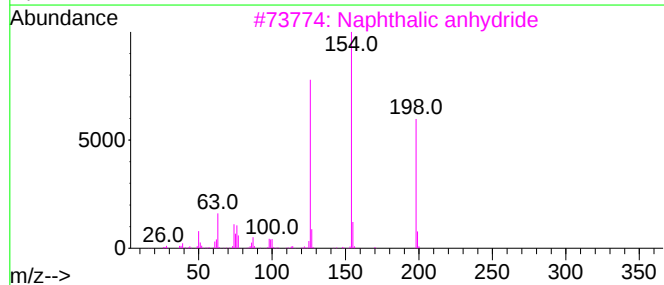
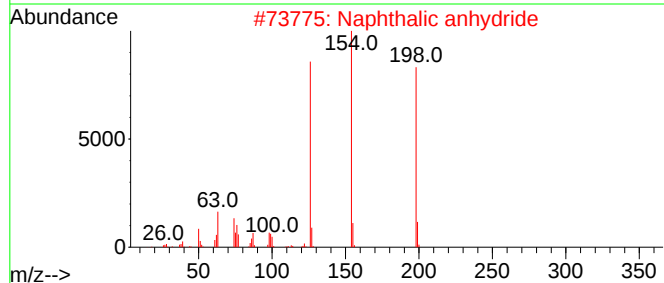
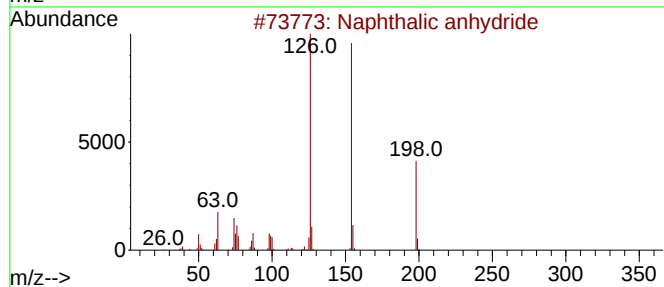
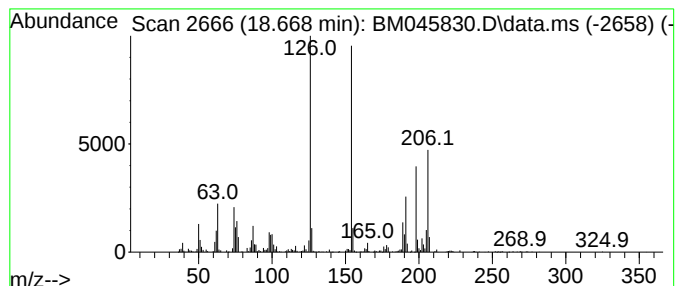
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalic anhydride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.668	5.12 ng/ul	1111320	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalic anhydride	198	C12H6O3	000081-84-5	98
2			Naphthalic anhydride	198	C12H6O3	000081-84-5	98
3			Naphthalic anhydride	198	C12H6O3	000081-84-5	98
4			Naphthalic anhydride	198	C12H6O3	000081-84-5	96
5			Naphthalic anhydride	198	C12H6O3	000081-84-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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Sample : P2589-19
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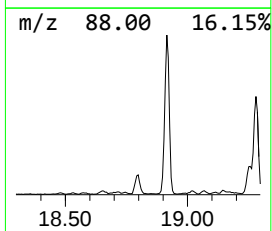
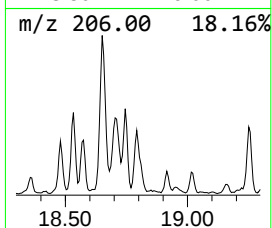
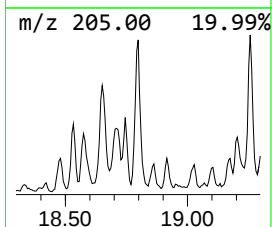
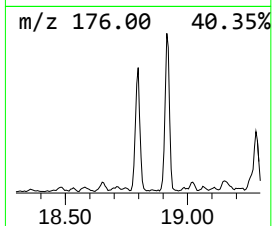
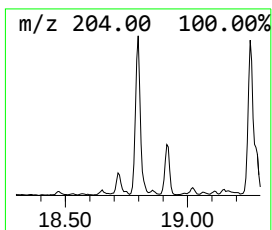
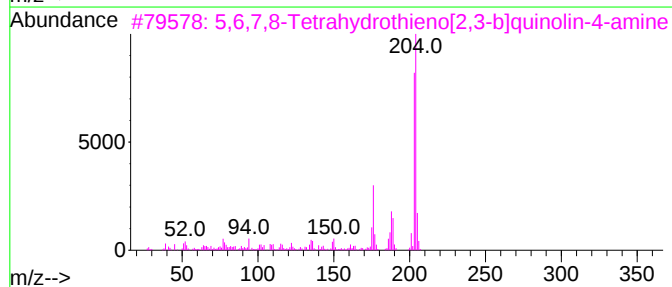
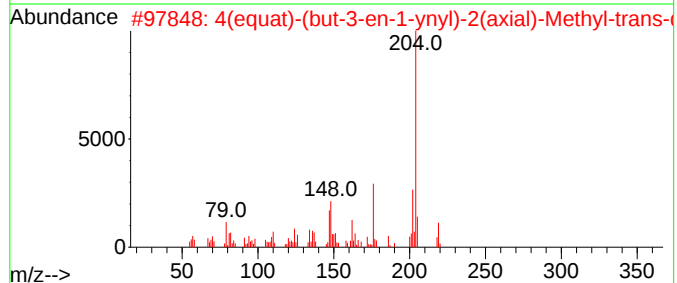
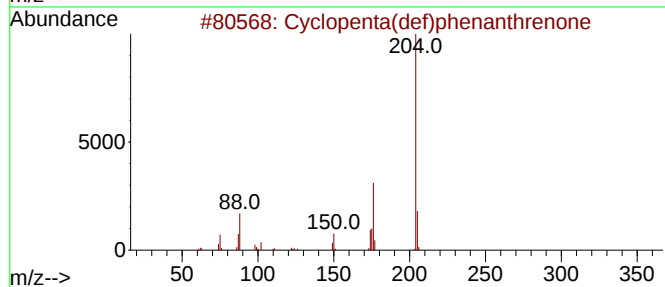
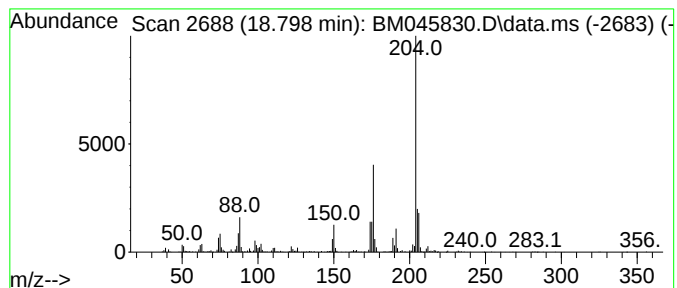
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.798	4.76 ng/ul	1032670	Phenanthrene-d10		16.851	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	93
2	4(equat)-(but-3-en-1-ynyl)-2(axi...		219	C14H21NO	038423-22-2	53
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	52
5	1,2,4,8-Tetramethylbicyclo[6.3.0...		204	C15H24	137235-51-9	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
Operator : MA/JU
Sample : P2589-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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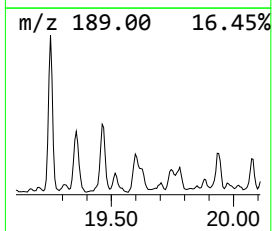
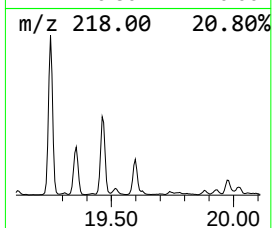
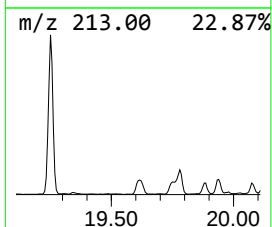
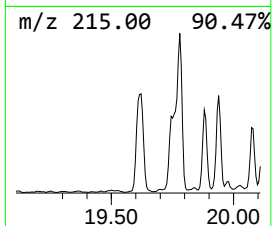
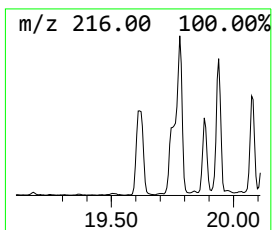
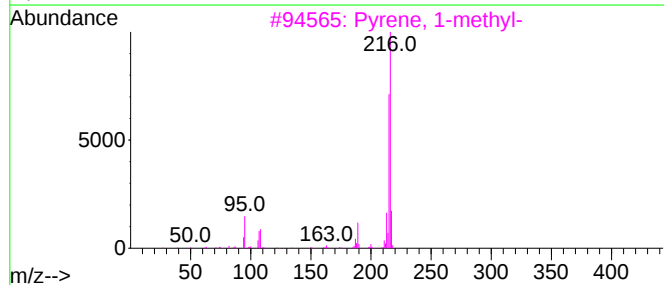
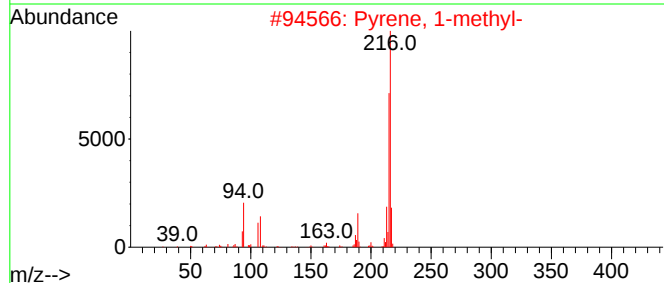
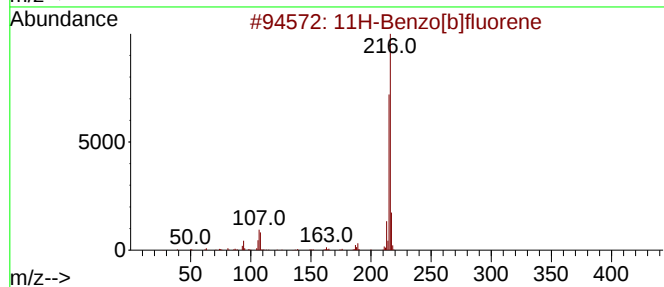
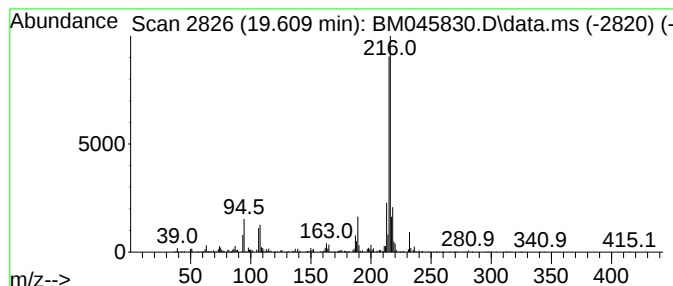
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.610	3.30 ng/ul	1242060	Chrysene-d12	21.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
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Operator : MA/JU
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Misc :
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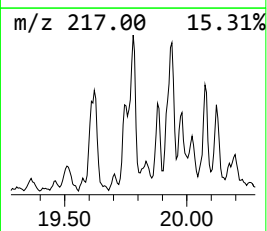
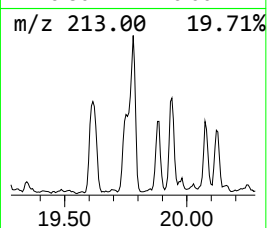
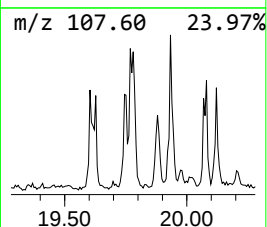
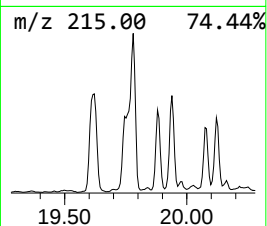
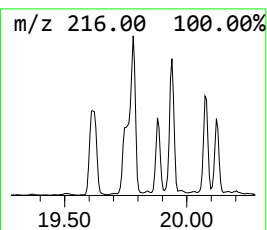
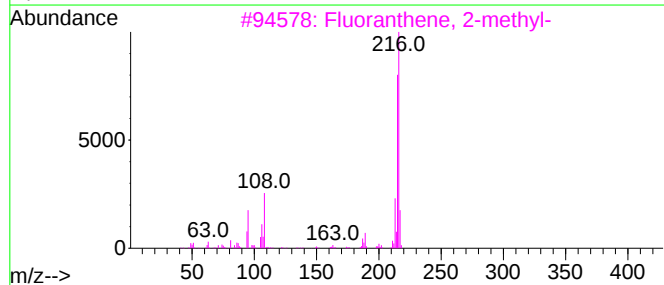
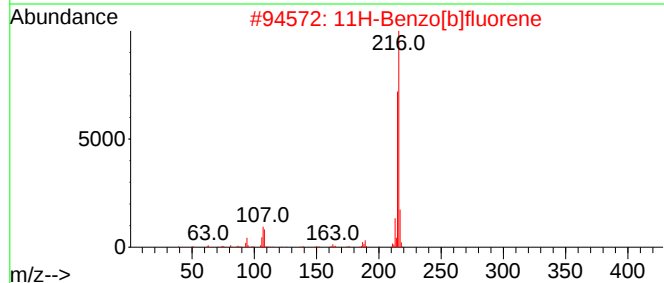
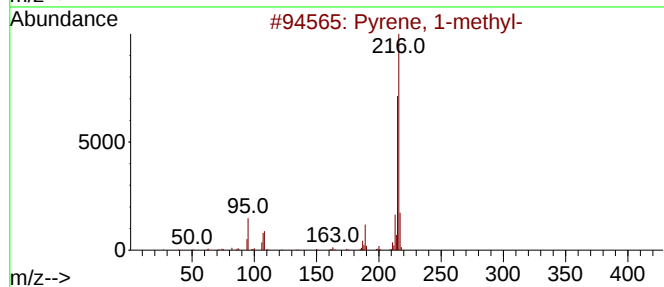
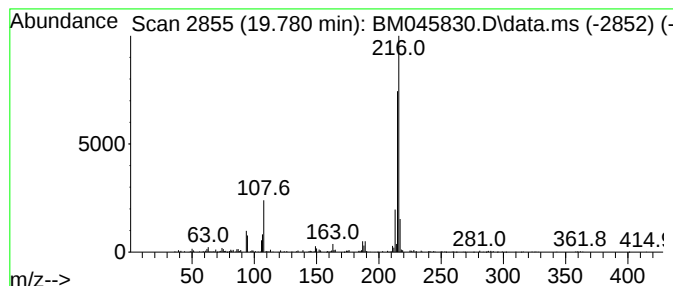
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.780	2.11 ng/ul	794200	Chrysene-d12	21.062	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
Operator : MA/JU
Sample : P2589-19
Misc :
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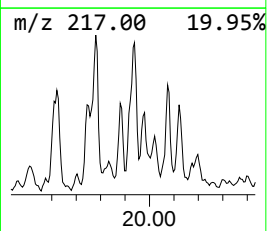
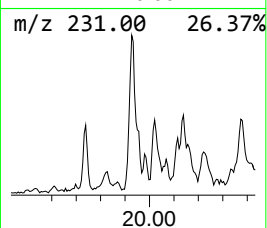
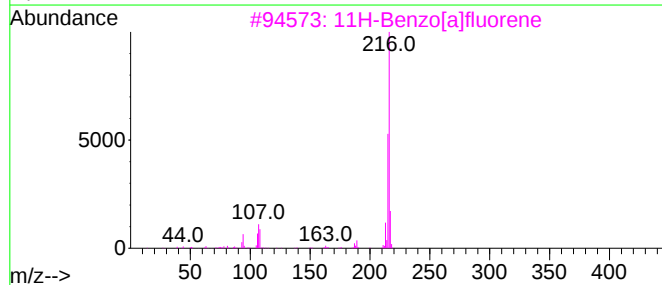
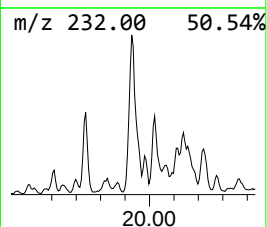
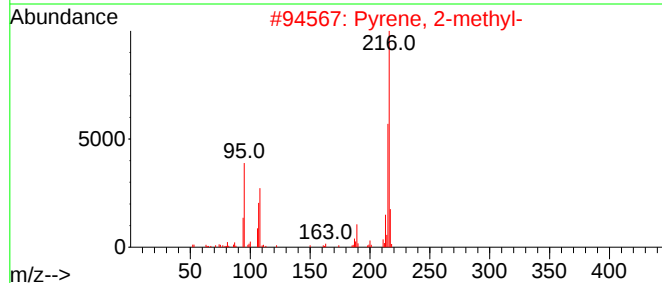
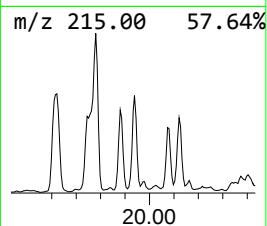
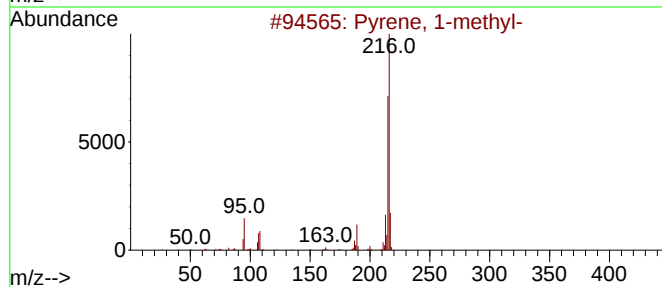
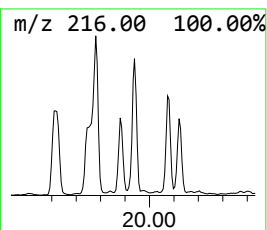
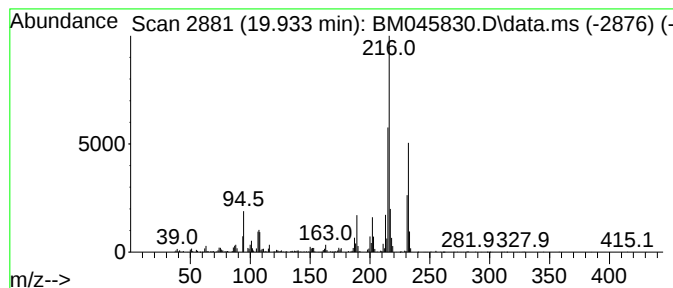
Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Pyrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.933	3.14 ng/ul	1182880	Chrysene-d12	21.062	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	60
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
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Sample : P2589-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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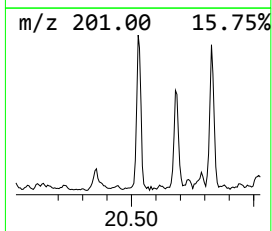
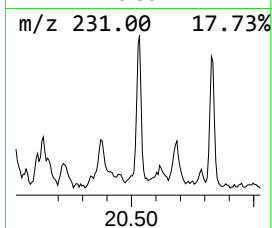
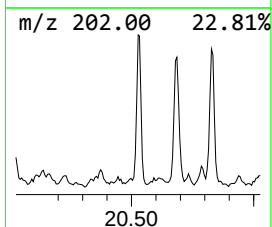
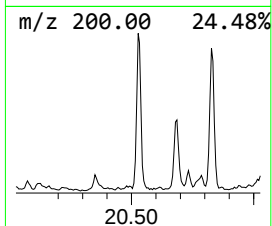
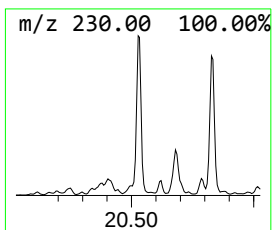
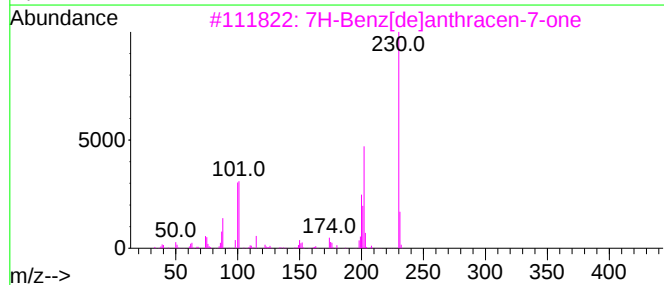
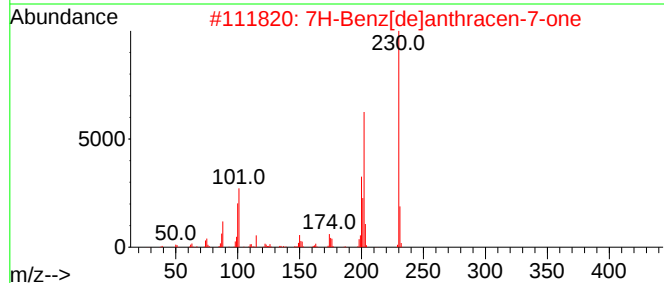
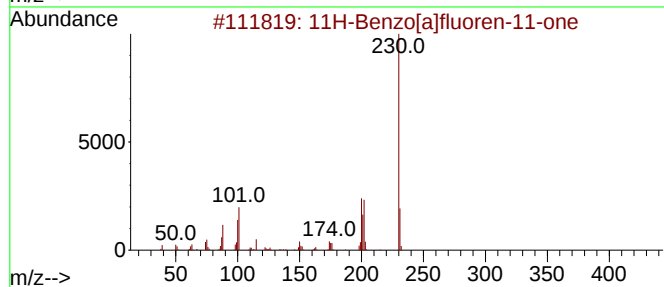
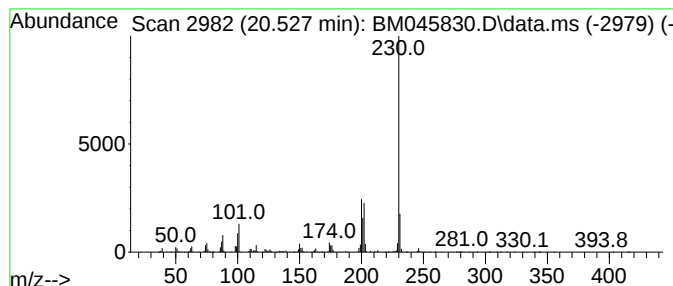
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 11H-Benzo[a]fluoren-11-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.527	3.12 ng/ul	1174700	Chrysene-d12	21.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	93
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
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Sample : P2589-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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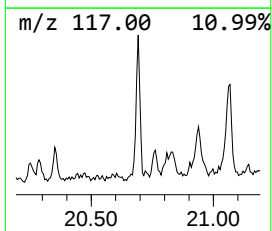
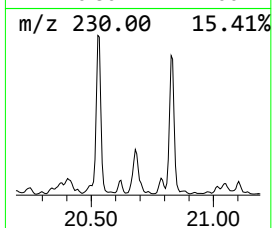
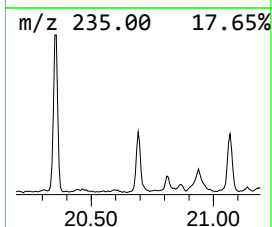
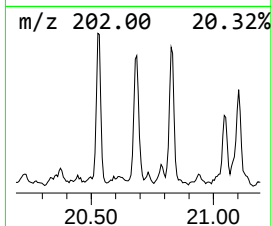
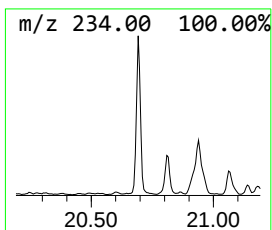
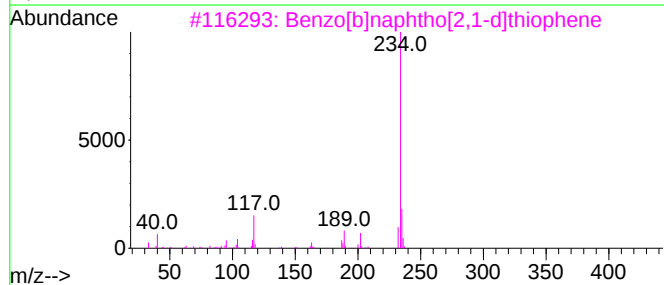
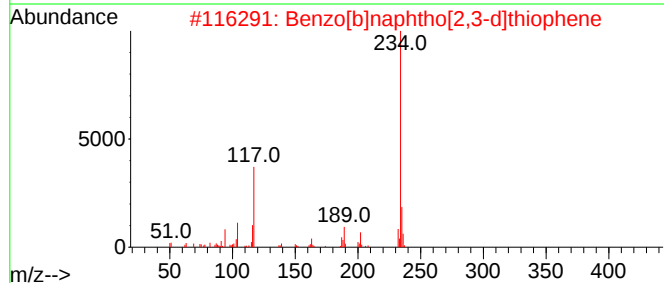
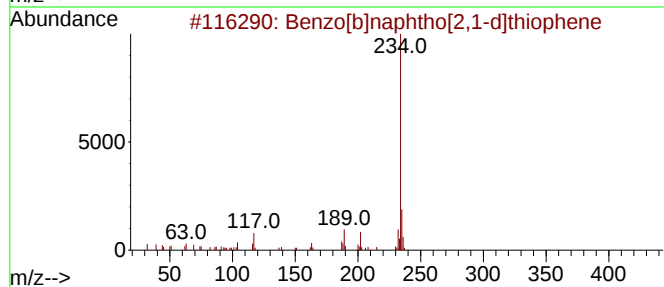
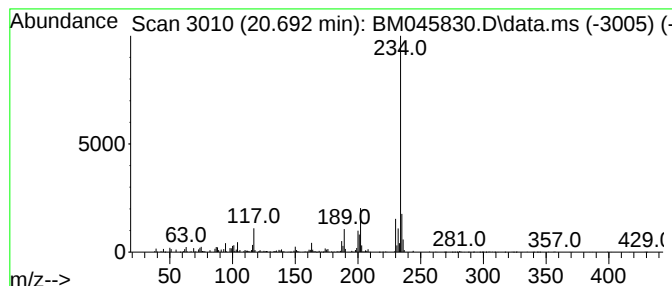
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.692	2.41 ng/ul	907645	Chrysene-d12	21.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	76
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	68
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
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Misc :
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Instrument :
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ClientSampleId :
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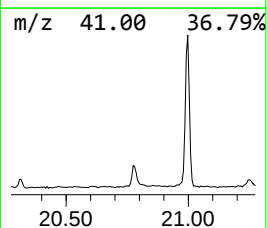
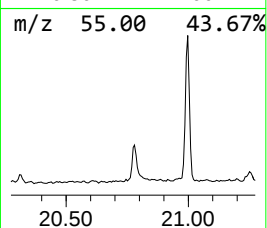
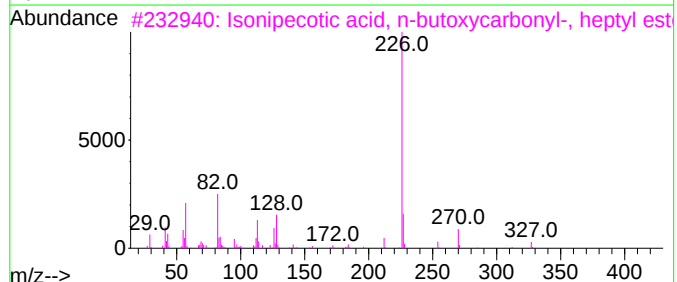
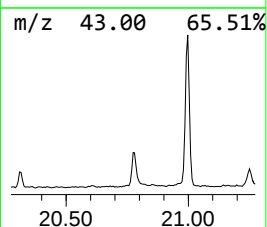
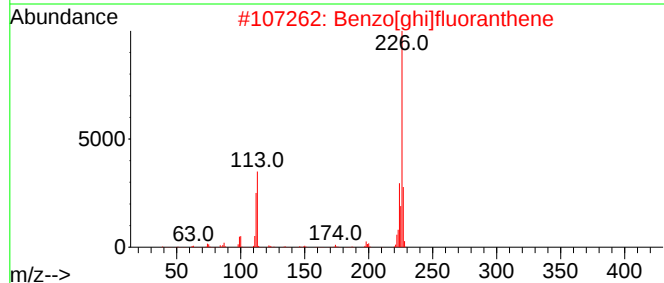
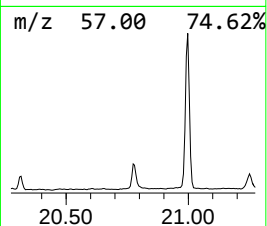
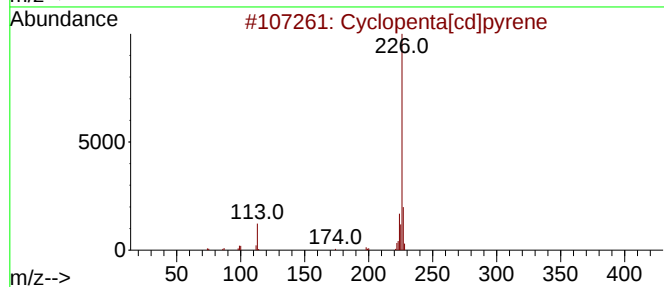
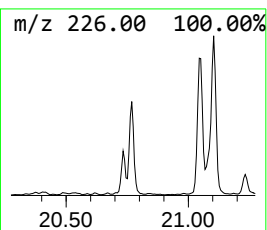
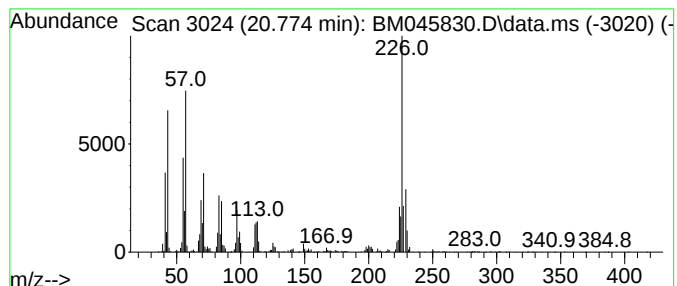
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.774	4.55 ng/ul	1712040	Chrysene-d12	21.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	55
2			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
3			Isonipecotic acid, n-butoxycarbo...	327	C18H33NO4	1000322-05-2	38
4			L-Leucine, N,N-di(3-methylbutyl)...	285	C17H35NO2	1000452-94-0	38
5			Phosphoric acid,di-(4-nitropheny...	833	C42H49BrN3O8P	049840-37-1	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
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Operator : MA/JU
Sample : P2589-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH6D3

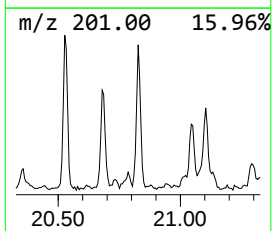
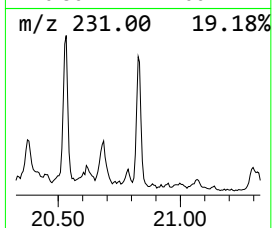
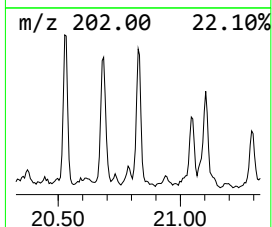
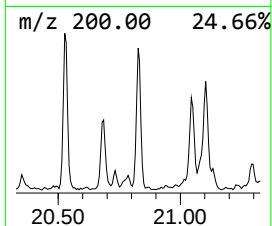
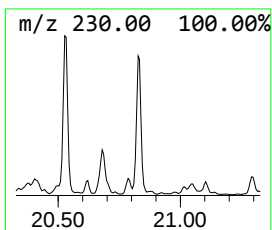
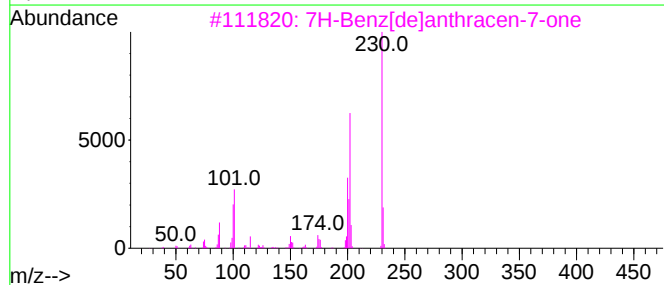
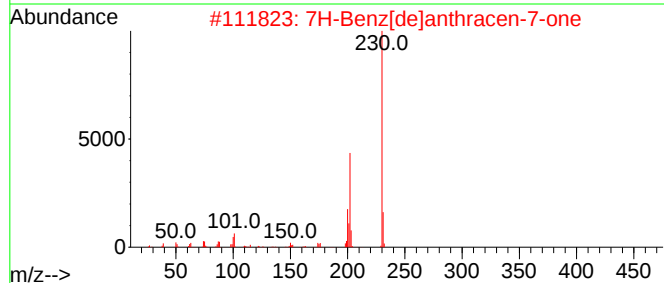
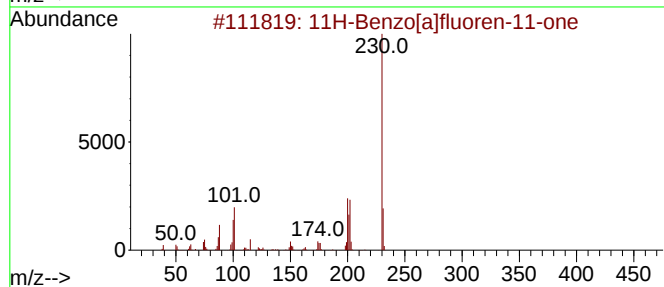
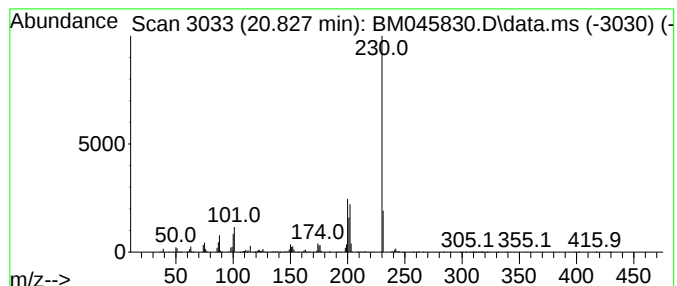
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.827	2.77 ng/ul	1042940	Chrysene-d12	21.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one			230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	87
5	6H-Benz[de]anthracen-6-one			230	C17H10O	080252-14-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
Operator : MA/JU
Sample : P2589-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH6D3

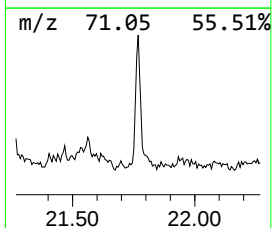
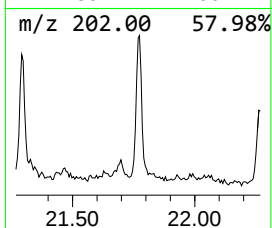
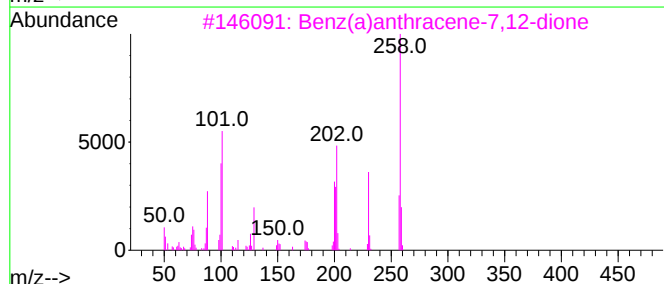
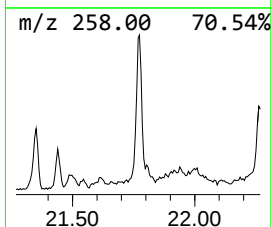
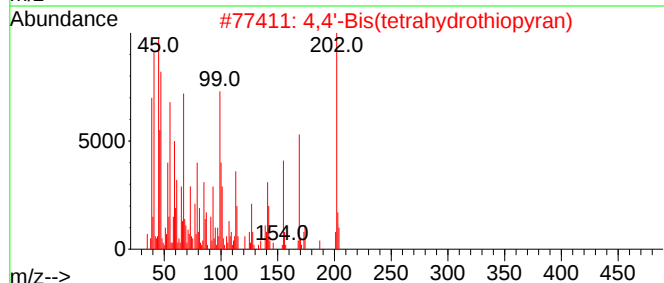
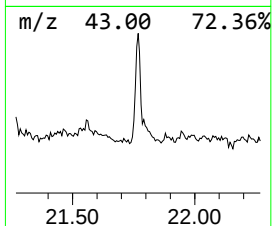
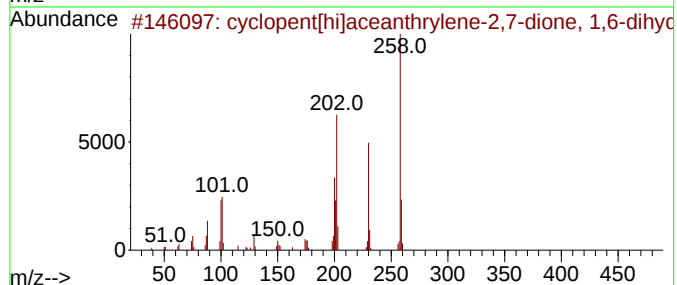
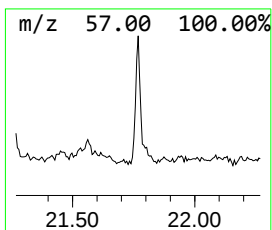
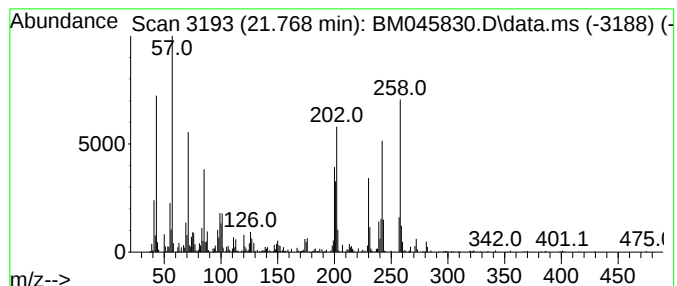
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 cyclopent[hi]aceanthrylene-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.768	2.19 ng/ul	823193	Chrysene-d12	21.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			cyclopent[hi]aceanthrylene-2,7-d...	258	C18H10O2	1000396-75-6	94
2			4,4'-Bis(tetrahydrothiopyran)	202	C10H18S2	116196-83-9	90
3			Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	89
4			Benz(a)anthracene-7,12-dione	258	C18H10O2	002498-66-0	84
5			5,12-Naphthacenedione	258	C18H10O2	001090-13-7	66



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
Operator : MA/JU
Sample : P2589-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH6D3

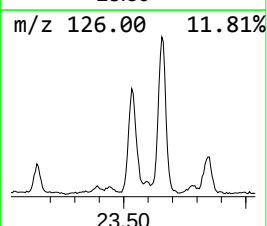
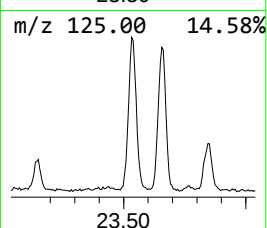
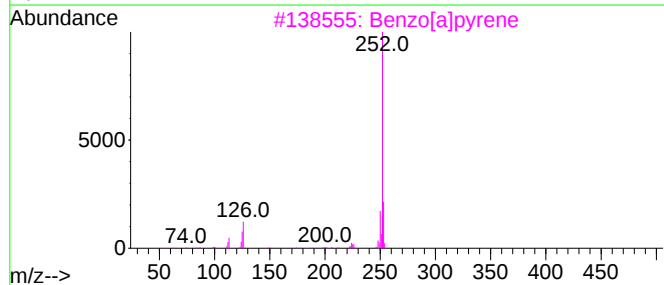
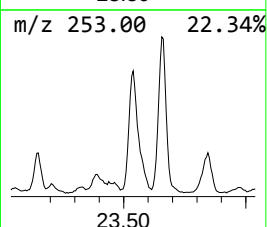
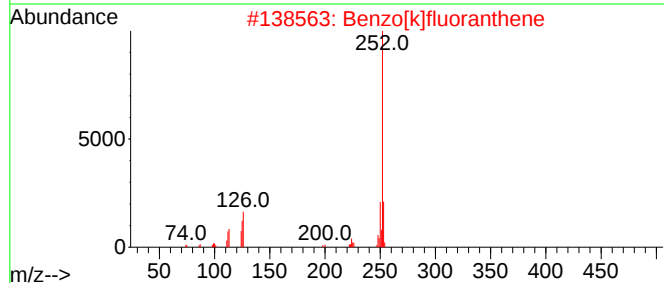
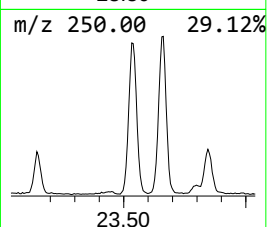
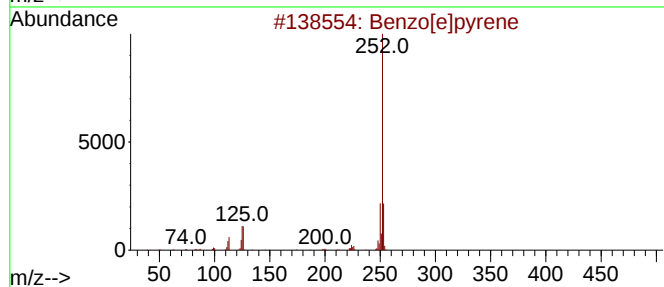
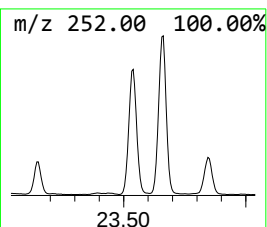
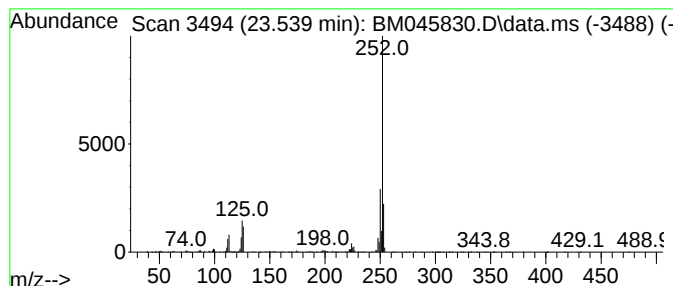
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.539	13.03 ng/ul	1972200	Perylene-d12	23.786

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[a]pyrene	252	C20H12	000050-32-8	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045830.D
Acq On : 04 Jun 2024 23:50
Operator : MA/JU
Sample : P2589-19
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BH6D3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.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
9H-Fluoren-9-one	16.516	2.9	ng/ul	626104	4	16.851	4339960	20.0
Dibenzothiophene	16.669	2.3	ng/ul	504842	4	16.851	4339960	20.0
Phenanthrene, 2...	17.727	4.2	ng/ul	920718	4	16.851	4339960	20.0
Phenanthrene, 1...	17.780	11.9	ng/ul	2584720	4	16.851	4339960	20.0
Benzaldehyde, 3...	17.916	6.4	ng/ul	1383810	4	16.851	4339960	20.0
Anthracene, 9-m...	17.957	3.1	ng/ul	672848	4	16.851	4339960	20.0
Tricyclo[8.2.2...	18.233	2.6	ng/ul	568348	4	16.851	4339960	20.0
9,10-Anthracene...	18.274	7.4	ng/ul	1610790	4	16.851	4339960	20.0
Naphthalic anhy...	18.668	5.1	ng/ul	1111320	4	16.851	4339960	20.0
Cyclopenta(def)...	18.798	4.8	ng/ul	1032670	4	16.851	4339960	20.0
11H-Benzo[b]flu...	19.610	3.3	ng/ul	1242060	5	21.062	7526920	20.0
Pyrene, 1-methyl-	19.780	2.1	ng/ul	794200	5	21.062	7526920	20.0
Pyrene, 2-methyl-	19.933	3.1	ng/ul	1182880	5	21.062	7526920	20.0
11H-Benzo[a]flu...	20.527	3.1	ng/ul	1174700	5	21.062	7526920	20.0
Benzo[b]naphtho...	20.692	2.4	ng/ul	907645	5	21.062	7526920	20.0
Cyclopenta[cd]p...	20.774	4.5	ng/ul	1712040	5	21.062	7526920	20.0
7H-Benz[de]anth...	20.827	2.8	ng/ul	1042940	5	21.062	7526920	20.0
cyclopent[hi]ac...	21.768	2.2	ng/ul	823193	5	21.062	7526920	20.0
Benzo[e]pyrene	23.539	13.0	ng/ul	1972200	6	23.786	3027740	20.0