

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
 Data File : BM045858.D
 Acq On : 05 Jun 2024 20:15
 Operator : MA/JU
 Sample : P2586-02DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4D15DL

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: BM045858.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.722	629	635	648	rVB	124586	234610	2.70%	0.317%
2	6.834	648	654	664	rBV	83575	161061	1.85%	0.218%
3	7.028	681	687	694	rBV	138441	221099	2.55%	0.299%
4	7.463	754	761	775	rVB	1201748	1845617	21.25%	2.496%
5	8.240	886	893	902	rBV	137694	257489	2.96%	0.348%
6	8.634	952	960	969	rBV	132849	230301	2.65%	0.312%
7	9.345	1072	1081	1087	rBV	99797	170904	1.97%	0.231%
8	9.898	1168	1175	1189	rBV	142059	253206	2.92%	0.342%
9	10.234	1224	1232	1237	rBV	1453121	2461574	28.34%	3.329%
10	10.281	1237	1240	1249	rVB	205910	315418	3.63%	0.427%
11	10.434	1260	1266	1277	rVB3	45737	93475	1.08%	0.126%
12	11.904	1508	1516	1524	rVB	119320	200408	2.31%	0.271%
13	12.128	1548	1554	1559	rVB	111533	167855	1.93%	0.227%
14	12.945	1686	1693	1698	rBV2	46466	70316	0.81%	0.095%
15	13.428	1770	1775	1780	rVV	92628	151835	1.75%	0.205%
16	13.480	1780	1784	1789	rVV2	57954	89056	1.03%	0.120%
17	13.563	1793	1798	1804	rVV	241293	347051	4.00%	0.469%
18	13.663	1811	1815	1819	rVV2	49486	77471	0.89%	0.105%
19	13.798	1832	1838	1841	rBV2	273119	444051	5.11%	0.601%
20	13.827	1841	1843	1849	rVB	274659	335834	3.87%	0.454%
21	14.104	1883	1890	1896	rBV	1937432	2821632	32.49%	3.816%
22	14.169	1896	1901	1906	rBV	175365	245773	2.83%	0.332%
23	14.357	1921	1933	1934	rBV	144149	226233	2.60%	0.306%
24	14.375	1934	1936	1940	rVV	166918	211316	2.43%	0.286%
25	14.416	1940	1943	1952	rVV4	60471	107815	1.24%	0.146%
26	14.516	1953	1960	1969	rVB	270694	402351	4.63%	0.544%
27	14.592	1969	1973	1978	rVB	49525	69879	0.80%	0.095%
28	14.733	1992	1997	2002	rBV	43030	69857	0.80%	0.094%
29	14.904	2018	2026	2029	rBV4	39566	73783	0.85%	0.100%
30	15.104	2055	2060	2065	rBV	352501	479052	5.52%	0.648%
31	15.163	2065	2070	2076	rVB	259809	358568	4.13%	0.485%
32	15.251	2081	2085	2088	rBV3	43703	63477	0.73%	0.086%
33	15.463	2115	2121	2131	rVB	137355	213927	2.46%	0.289%
34	15.610	2138	2146	2154	rVB	133375	292095	3.36%	0.395%
35	15.698	2154	2161	2165	rVB3	37690	65506	0.75%	0.089%
36	15.839	2180	2185	2189	rBV4	94044	171185	1.97%	0.232%

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Integration Parameters: LSCINT.P

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

37	16.163	2231	2240	2246	rBV4	70077	173437	2.00%	0.235%
38	16.398	2276	2280	2283	rVV	90679	135684	1.56%	0.184%
39	16.433	2283	2286	2290	rVV2	90697	145673	1.68%	0.197%
40	16.516	2295	2300	2307	rVV	495660	682191	7.85%	0.923%
41	16.586	2307	2312	2318	rVV	98041	195530	2.25%	0.264%
42	16.639	2318	2321	2323	rVV3	54707	80221	0.92%	0.109%
43	16.674	2323	2327	2336	rVB	292306	449828	5.18%	0.608%
44	16.851	2351	2357	2360	rBV	2126329	2854325	32.87%	3.861%
45	16.892	2360	2364	2370	rVV	5263254	7210013	83.02%	9.752%
46	16.951	2370	2374	2377	rVV2	349679	535417	6.16%	0.724%
47	16.986	2377	2380	2386	rVB	466834	603504	6.95%	0.816%
48	17.045	2386	2390	2397	rBV3	57398	100542	1.16%	0.136%
49	17.174	2408	2412	2420	rVB3	46552	61697	0.71%	0.083%
50	17.274	2424	2429	2436	rVB	541289	751986	8.66%	1.017%
51	17.380	2442	2447	2452	rBV3	108203	165274	1.90%	0.224%
52	17.439	2452	2457	2466	rVB5	118601	215196	2.48%	0.291%
53	17.539	2471	2474	2477	rBV3	50777	65253	0.75%	0.088%
54	17.574	2477	2480	2485	rVB3	54608	82122	0.95%	0.111%
55	17.651	2489	2493	2497	rBV	53950	68095	0.78%	0.092%
56	17.727	2500	2506	2510	rBV	514128	723674	8.33%	0.979%
57	17.774	2510	2514	2521	rVB	718404	1014039	11.68%	1.372%
58	17.851	2523	2527	2532	rBV	83126	124511	1.43%	0.168%
59	17.915	2533	2538	2542	rBV2	573222	898796	10.35%	1.216%
60	17.957	2542	2545	2552	rVB	320470	417986	4.81%	0.565%
61	18.051	2556	2561	2564	rBV3	87859	142023	1.64%	0.192%
62	18.086	2564	2567	2570	rBV2	62274	81246	0.94%	0.110%
63	18.233	2588	2592	2595	rBV	417909	537675	6.19%	0.727%
64	18.274	2595	2599	2605	rVB	1527749	1879852	21.65%	2.543%
65	18.480	2631	2634	2639	rVB3	83624	112131	1.29%	0.152%
66	18.533	2639	2643	2646	rBV	121499	144278	1.66%	0.195%
67	18.574	2646	2650	2654	rVB2	95780	119775	1.38%	0.162%
68	18.668	2658	2666	2669	rBV2	291951	631068	7.27%	0.854%
69	18.745	2676	2679	2683	rVB	86547	104357	1.20%	0.141%
70	18.792	2683	2687	2694	rBV	473616	701925	8.08%	0.949%
71	18.915	2702	2708	2715	rVB	6743111	8684890	100.00%	11.747%
72	18.986	2716	2720	2723	rBV	88621	111270	1.28%	0.151%
73	19.021	2723	2726	2730	rVB	104834	125709	1.45%	0.170%
74	19.068	2730	2734	2738	rBV	198896	237132	2.73%	0.321%
75	19.121	2738	2743	2746	rBV3	219334	307597	3.54%	0.416%
76	19.157	2746	2749	2754	rVB	134241	192682	2.22%	0.261%

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77	19.251	2760	2765	2766	rBV	1188327	1315417	15.15%	1.779%
78	19.280	2766	2770	2779	rVV	3956080	5346657	61.56%	7.232%
79	19.357	2779	2783	2789	rVB2	251447	375615	4.32%	0.508%
80	19.462	2797	2801	2807	rBV	270703	378746	4.36%	0.512%
81	19.521	2808	2811	2818	rVB2	103417	172170	1.98%	0.233%
82	19.609	2820	2826	2827	rBV3	274370	411912	4.74%	0.557%
83	19.745	2845	2849	2851	rBV2	223977	323205	3.72%	0.437%
84	19.780	2852	2855	2859	rVB	293585	397556	4.58%	0.538%
85	19.886	2869	2873	2876	rBV2	131738	174315	2.01%	0.236%
86	19.939	2876	2882	2887	rBV2	370136	592928	6.83%	0.802%
87	20.021	2893	2896	2901	rBV3	74773	112799	1.30%	0.153%
88	20.074	2902	2905	2909	rVB	124419	144981	1.67%	0.196%
89	20.121	2909	2913	2918	rBV2	141451	234823	2.70%	0.318%
90	20.533	2978	2983	2989	rBV	686932	893867	10.29%	1.209%
91	20.692	3005	3010	3014	rBV2	453239	729605	8.40%	0.987%
92	20.733	3014	3017	3020	rVV	327276	397901	4.58%	0.538%
93	20.774	3020	3024	3029	rVV3	315149	662482	7.63%	0.896%
94	20.827	3029	3033	3038	rVB	694561	923274	10.63%	1.249%
95	21.062	3066	3073	3077	rBV2	2562576	5091572	58.63%	6.887%
96	21.103	3077	3080	3092	rVB	1751466	2385967	27.47%	3.227%
97	21.768	3189	3193	3203	rVB4	304457	528894	6.09%	0.715%
98	22.933	3385	3391	3397	rBV2	977544	2545300	29.31%	3.443%
99	23.656	3509	3514	3526	rVB	375920	801231	9.23%	1.084%
100	23.786	3529	3536	3544	rVB	1360749	3121632	35.94%	4.222%

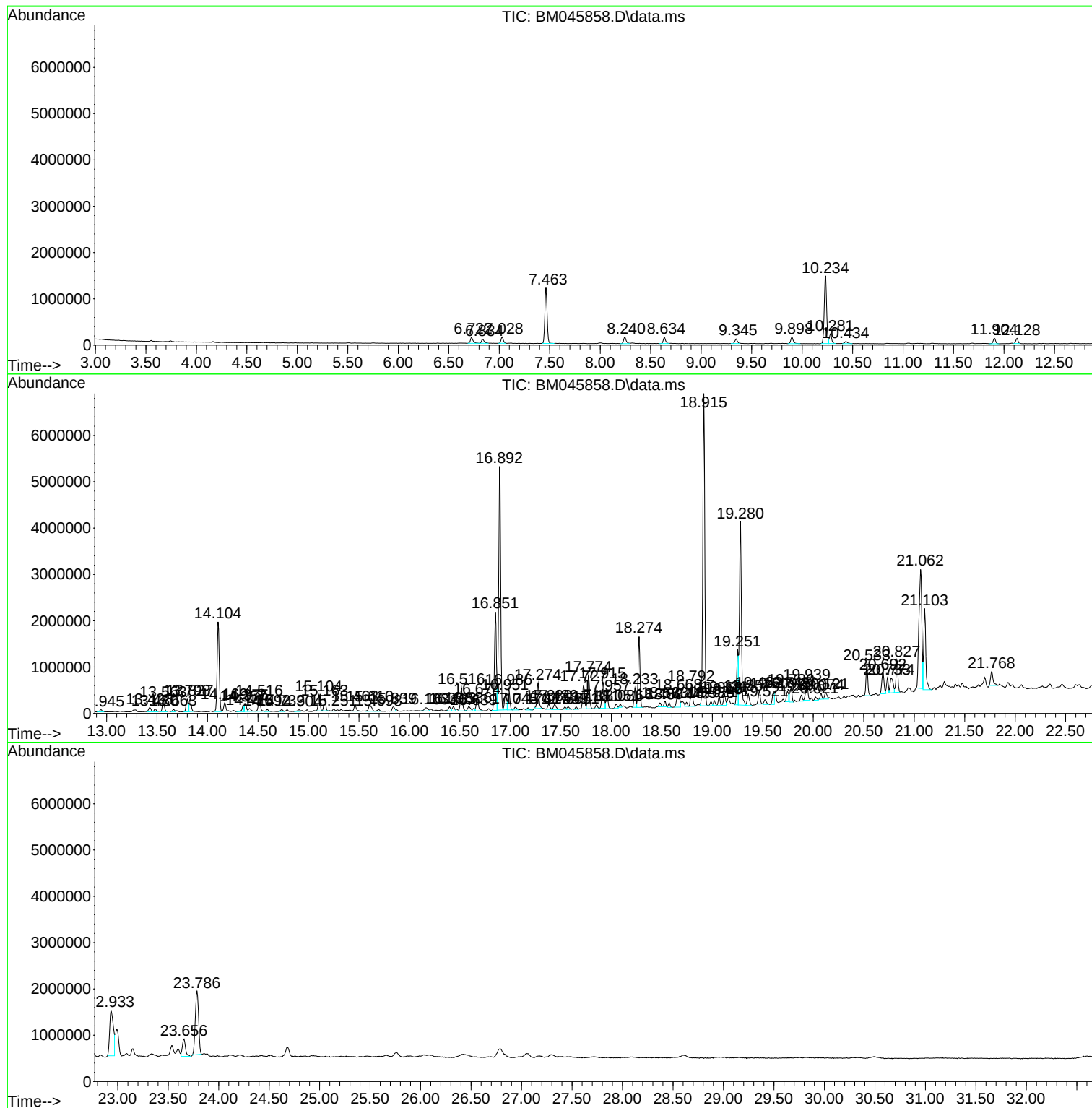
Sum of corrected areas: 73932533

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Instrument :
BNA_M
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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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Sample : P2586-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15DL

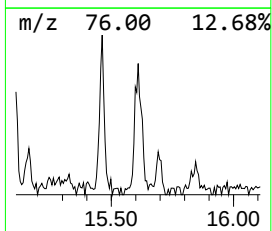
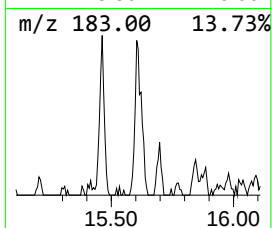
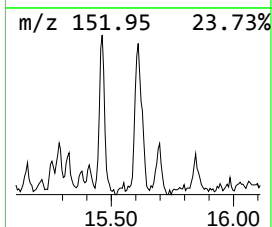
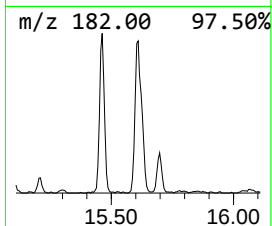
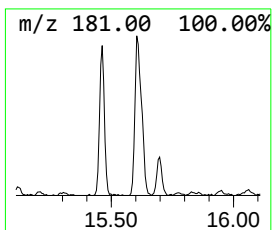
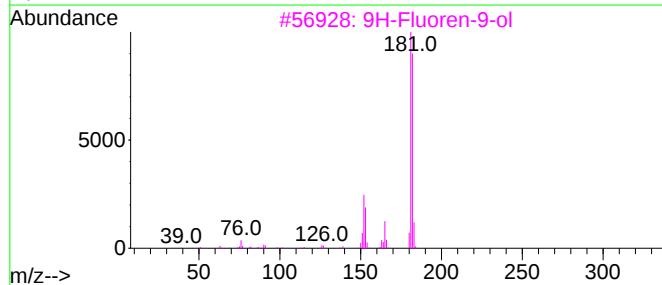
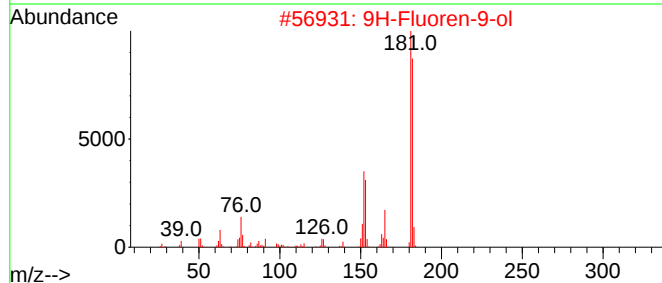
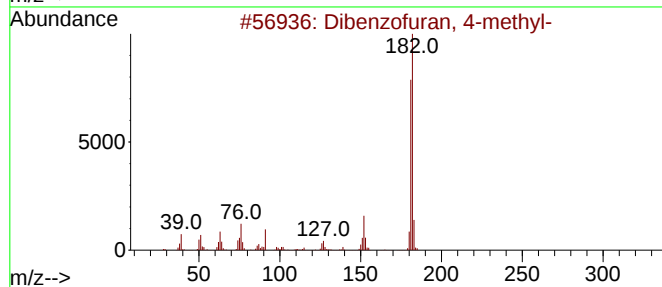
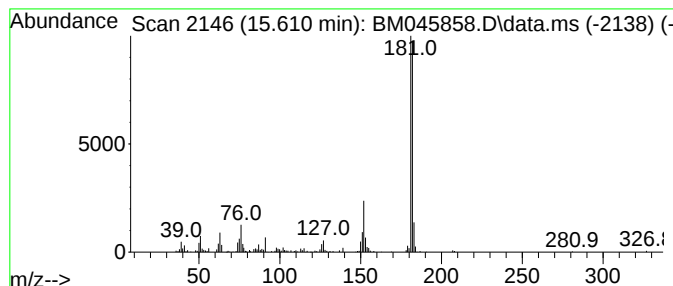
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.610	2.05 ng/ul	292095	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	94
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	90
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83



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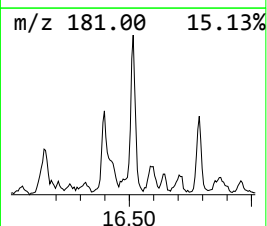
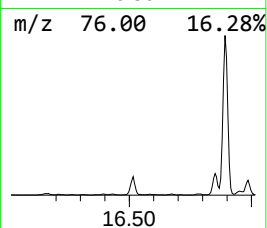
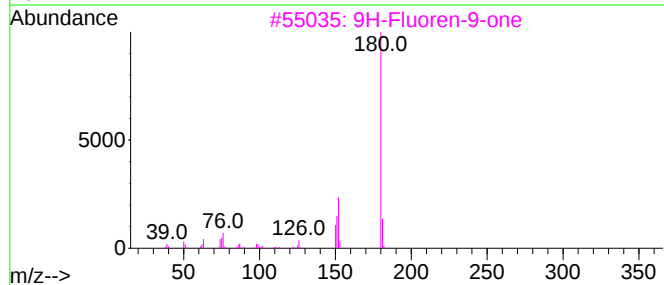
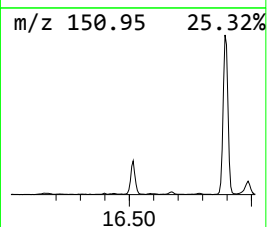
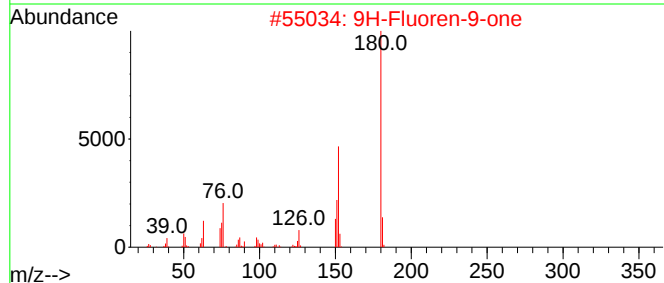
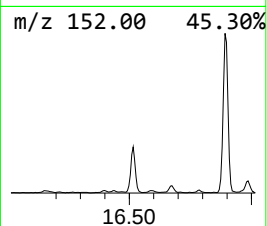
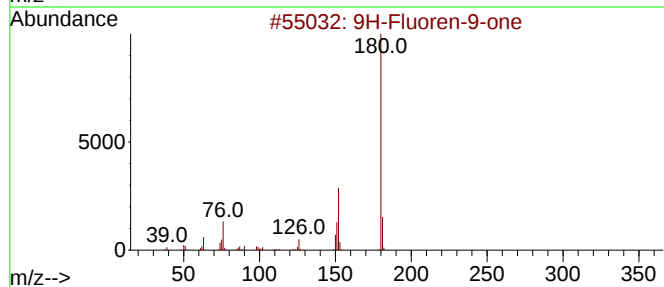
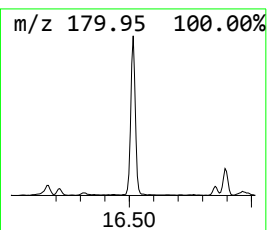
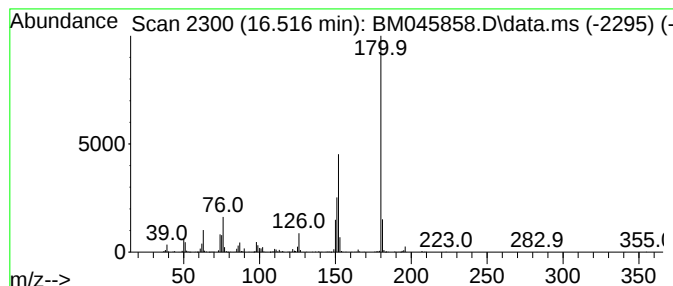
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9H-Fluoren-9-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.516	4.78 ng/ul	682191	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	97
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	93
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91



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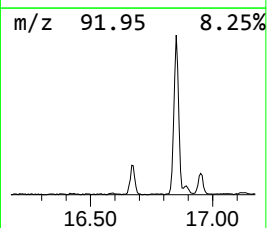
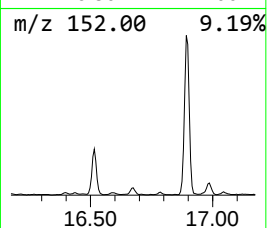
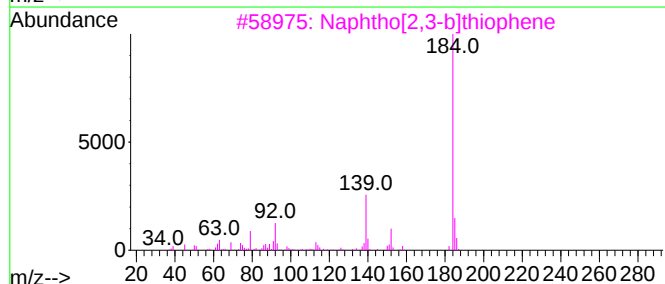
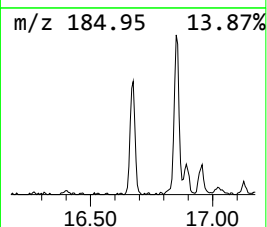
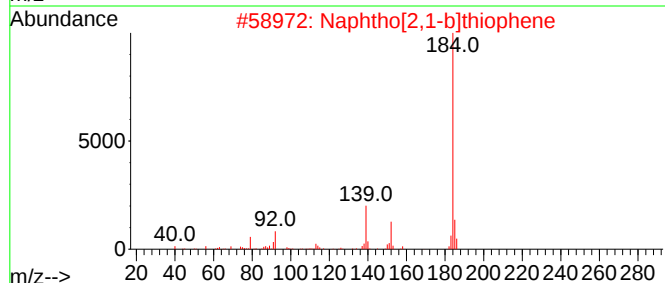
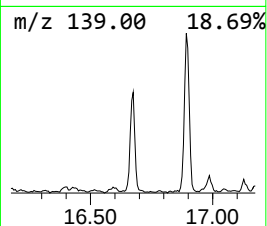
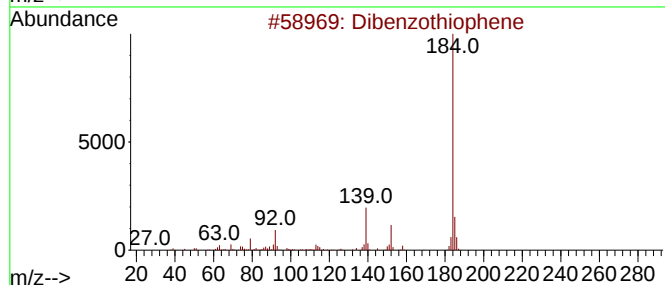
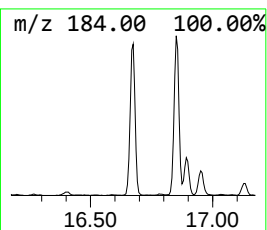
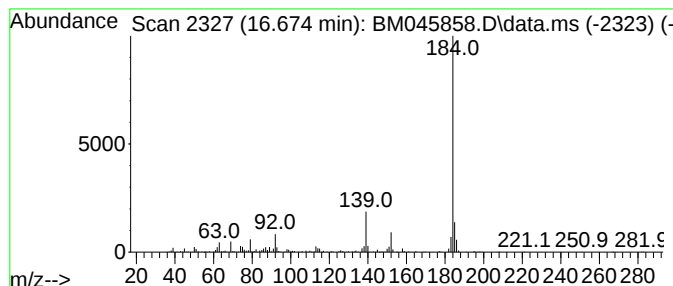
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.674	3.15 ng/ul	449828	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	97
3			Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	97
4			Dibenzothiophene	184	C12H8S	000132-65-0	96
5			Dibenzothiophene	184	C12H8S	000132-65-0	96



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Data File : BM045858.D
Acq On : 05 Jun 2024 20:15
Operator : MA/JU
Sample : P2586-02DL 10X
Misc :
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ClientSampleId :
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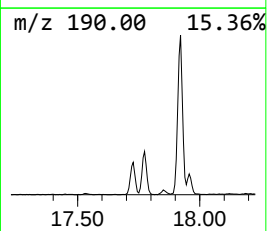
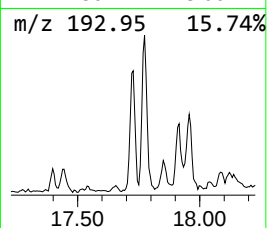
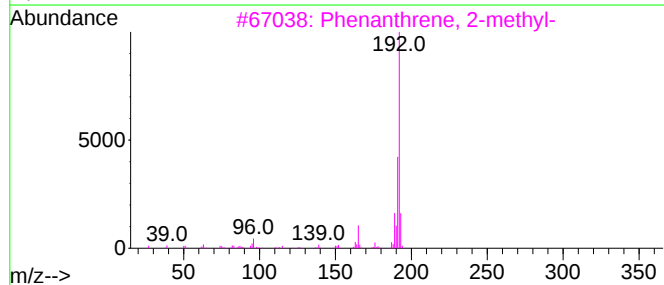
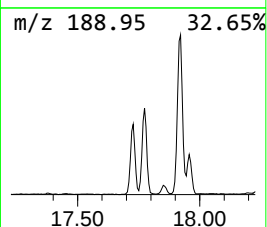
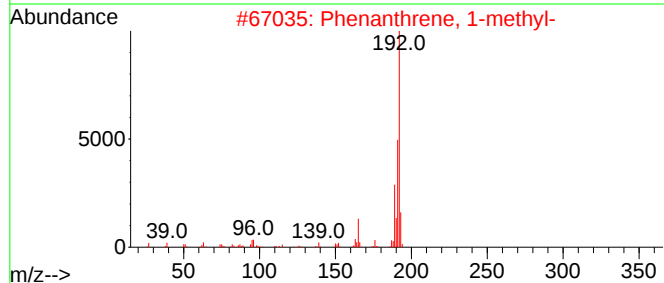
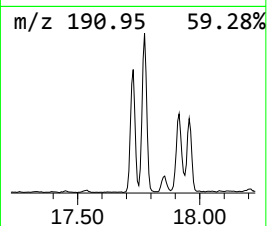
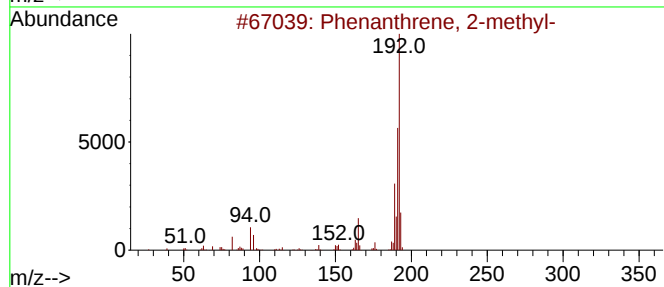
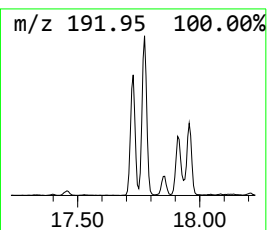
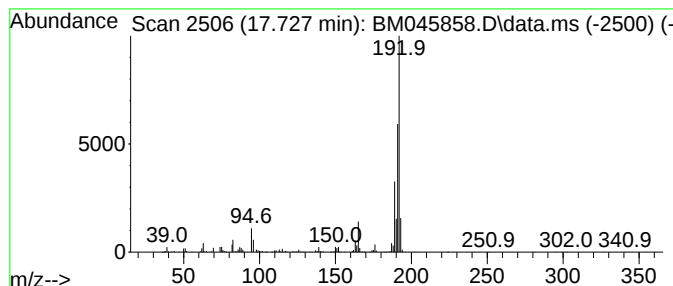
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.727	5.07 ng/ul	723674	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			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



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Acq On : 05 Jun 2024 20:15
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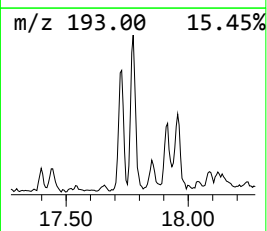
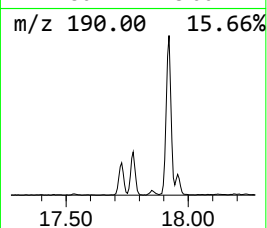
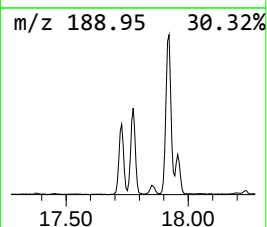
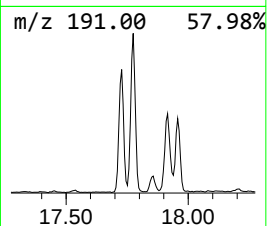
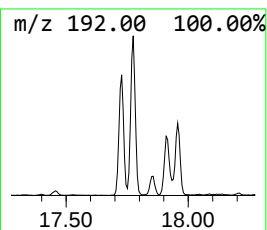
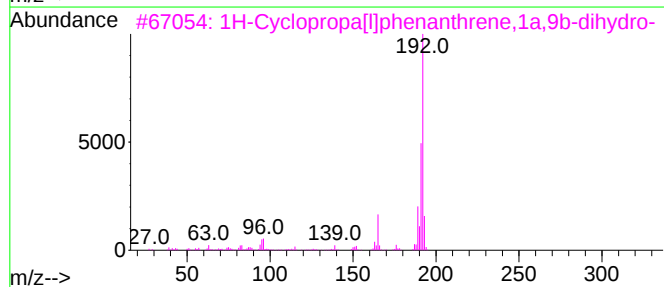
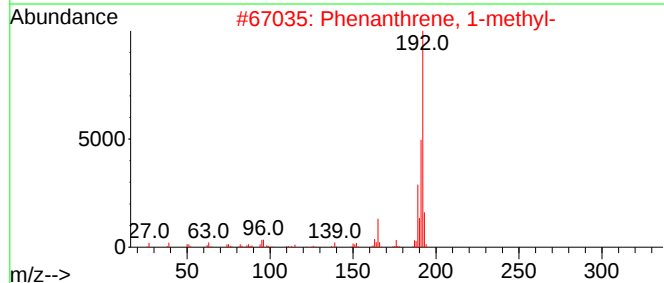
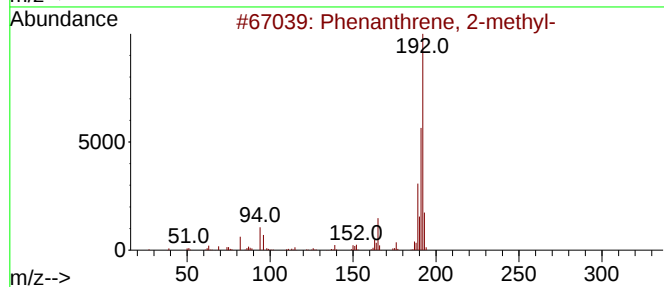
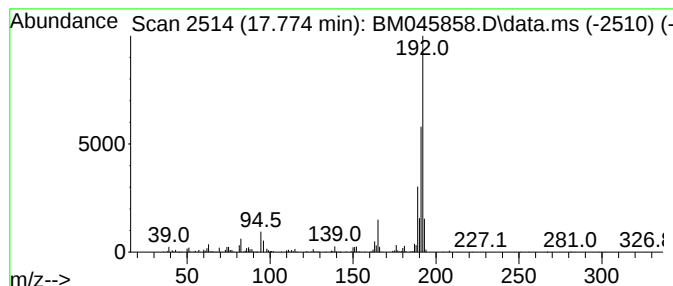
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.774	7.11 ng/ul	1014040	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			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
Acq On : 05 Jun 2024 20:15
Operator : MA/JU
Sample : P2586-02DL 10X
Misc :
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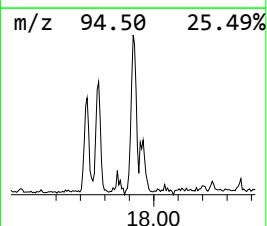
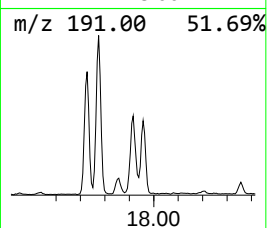
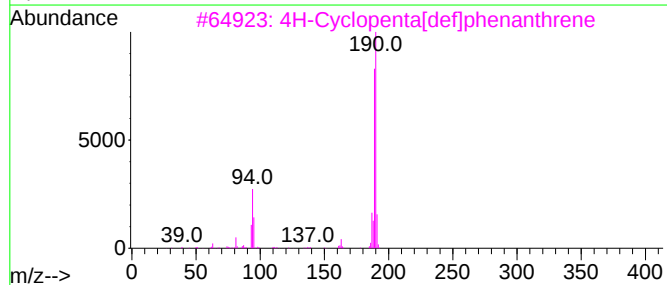
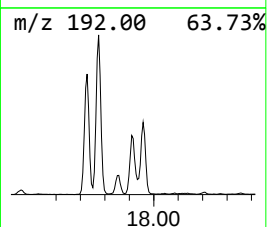
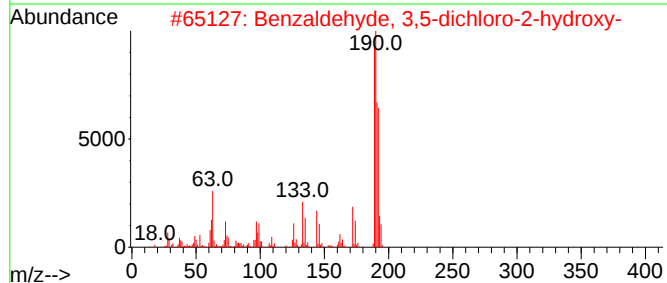
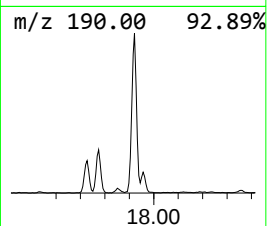
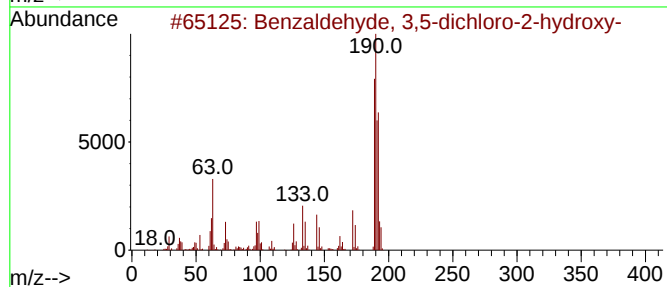
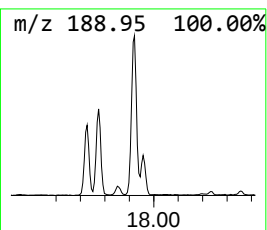
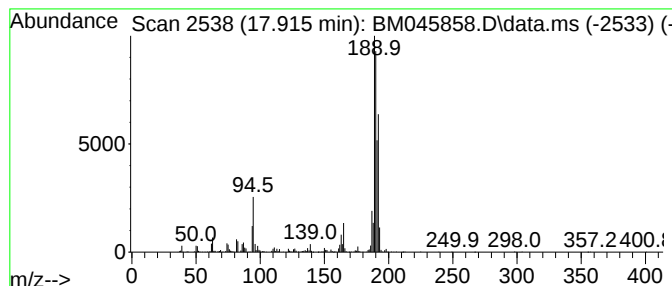
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.916	6.30 ng/ul	898796	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	72
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
5			4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52



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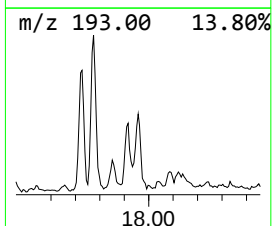
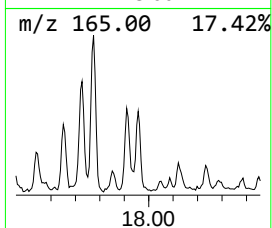
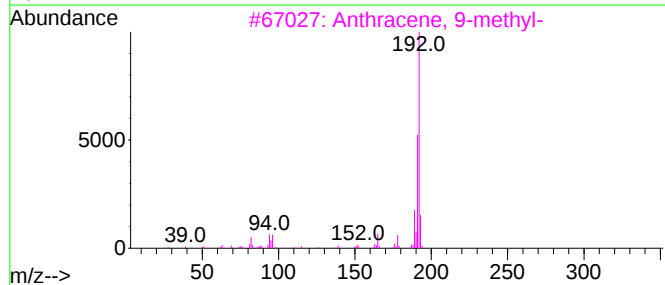
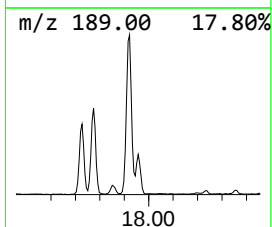
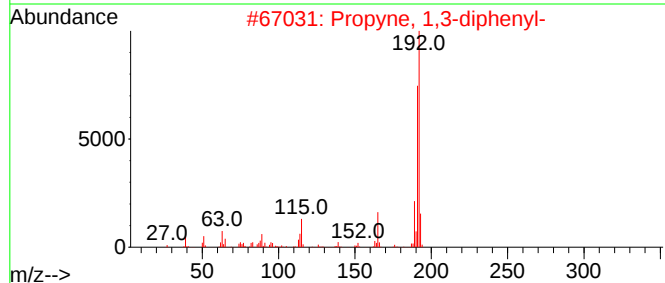
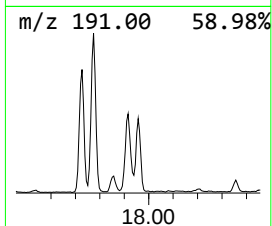
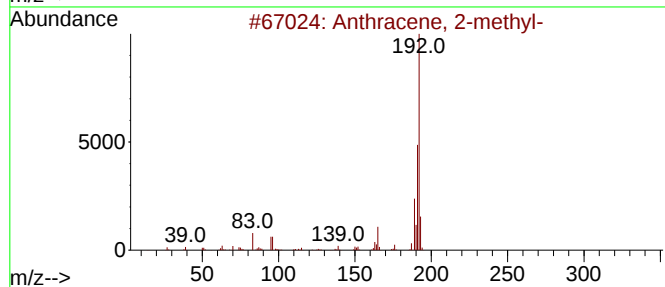
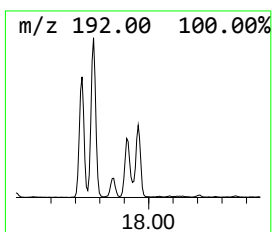
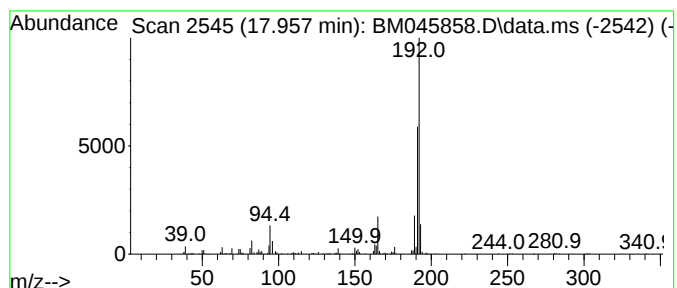
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	2.93 ng/ul	417986	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	87
3			Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	87
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
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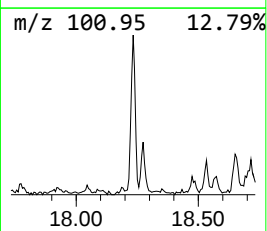
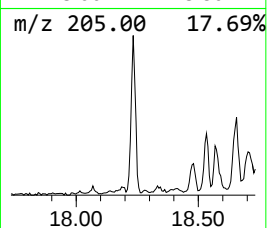
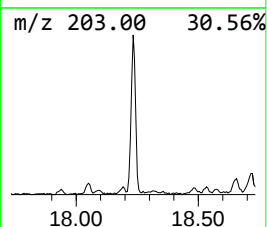
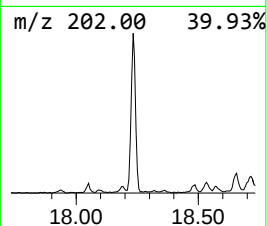
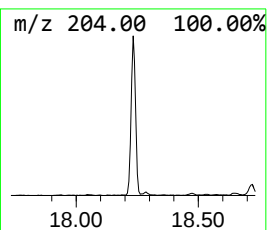
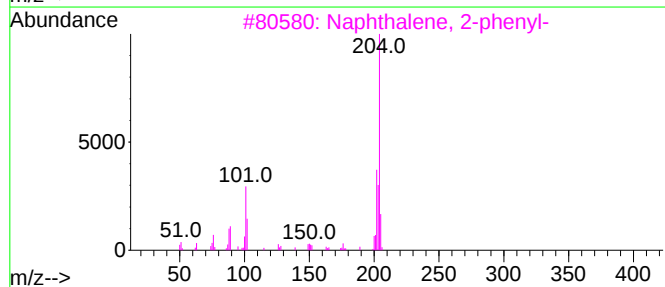
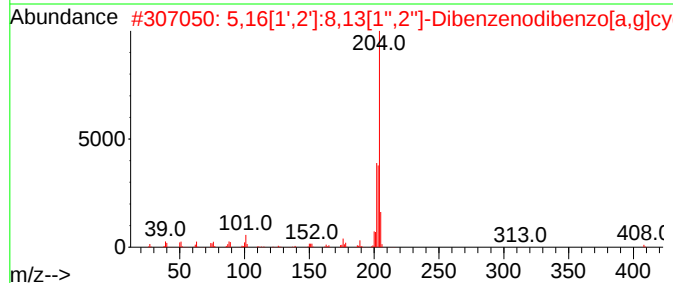
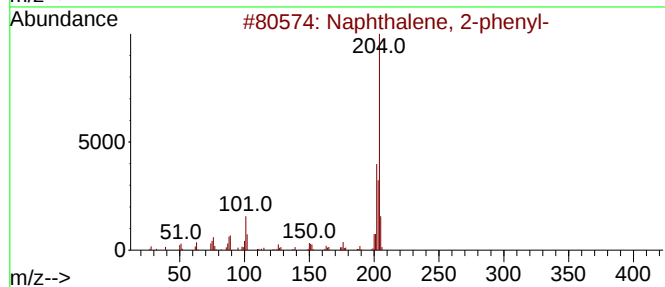
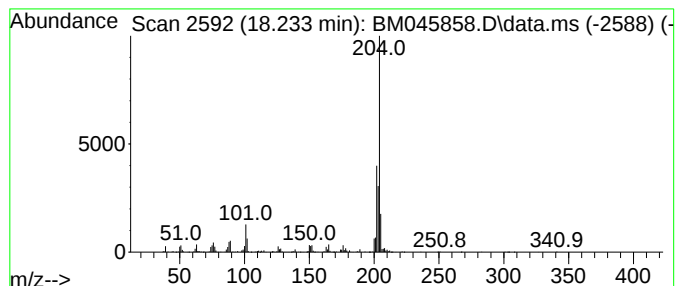
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	3.77 ng/ul	537675	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
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	70



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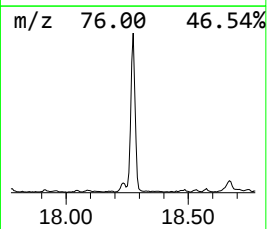
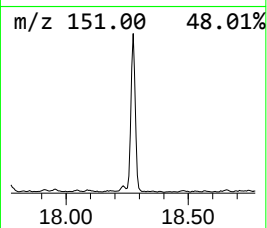
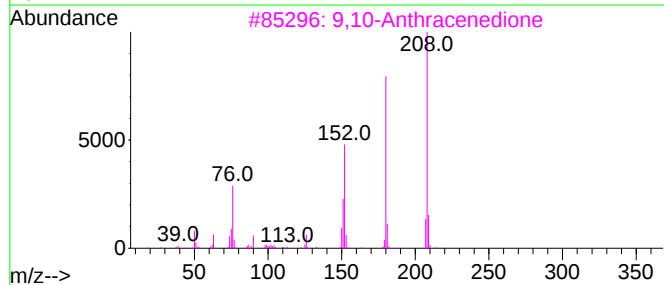
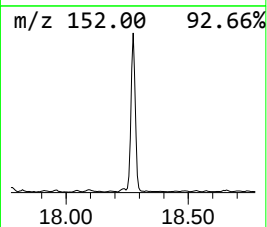
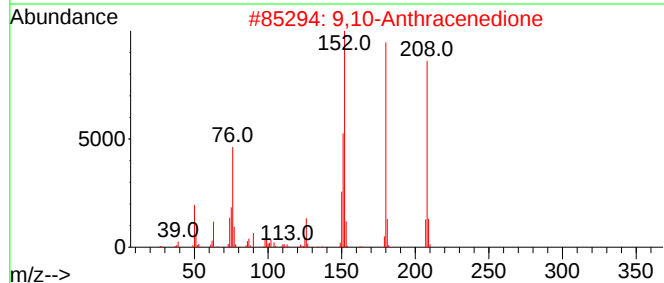
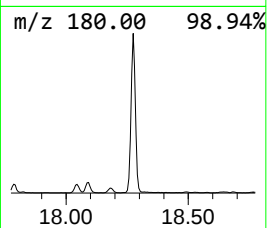
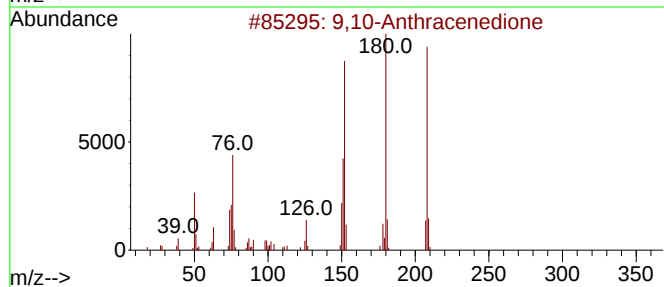
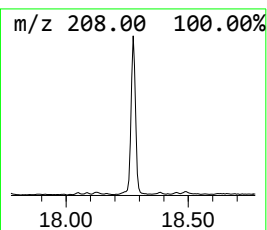
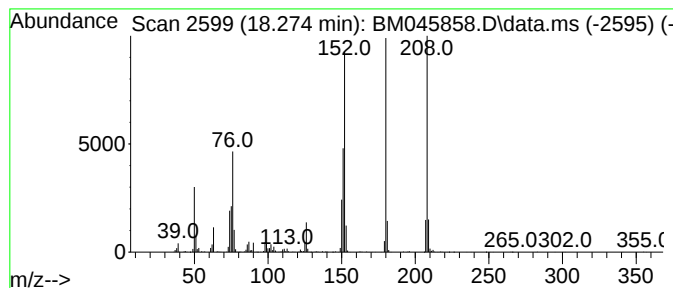
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	13.17 ng/ul	1879850	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	Benzo[c]cinoline			180	C12H8N2	000230-17-1	93
5	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93



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Data File : BM045858.D
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Misc :
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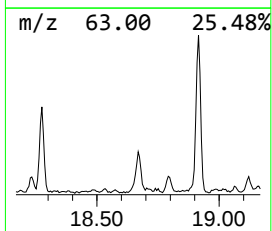
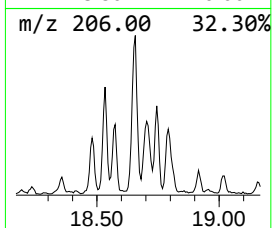
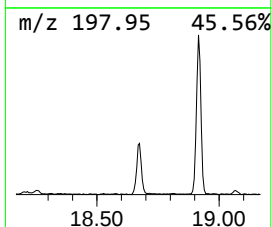
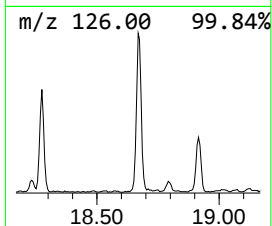
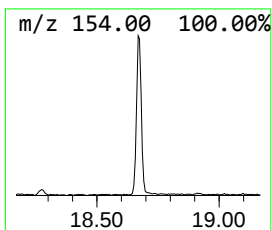
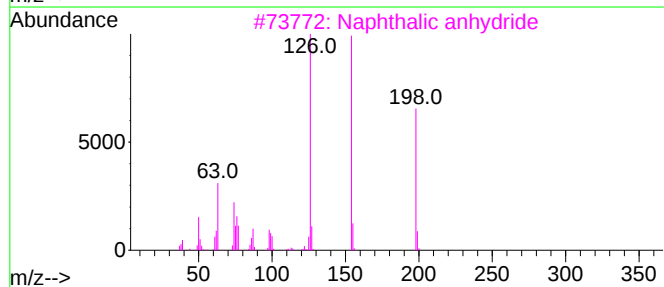
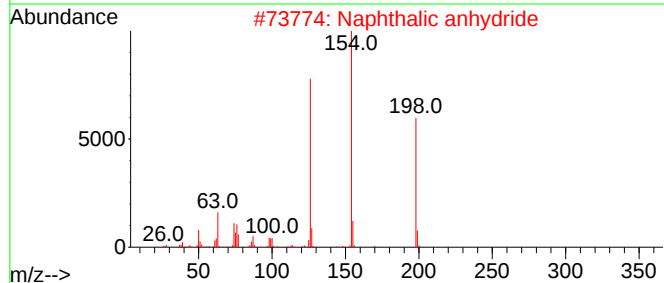
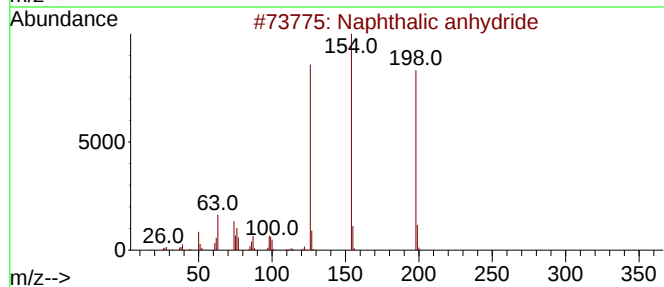
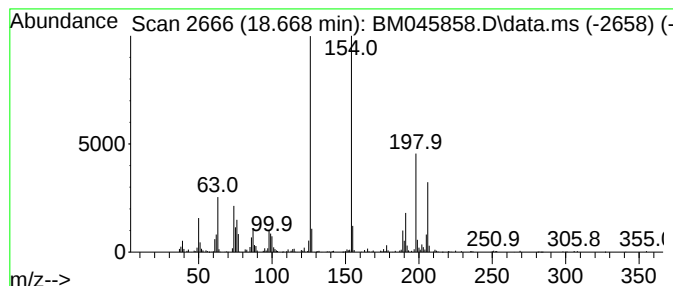
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalic anhydride Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.668	4.42 ng/ul	631068	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	97
5			Naphthalic anhydride	198	C12H6O3	000081-84-5	97



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
Acq On : 05 Jun 2024 20:15
Operator : MA/JU
Sample : P2586-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15DL

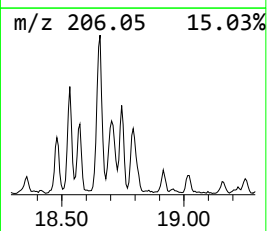
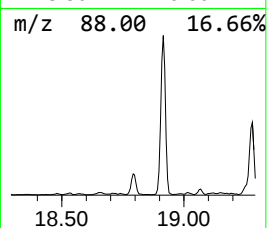
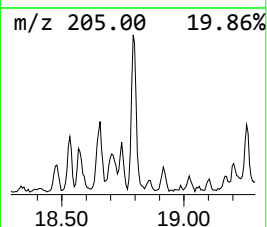
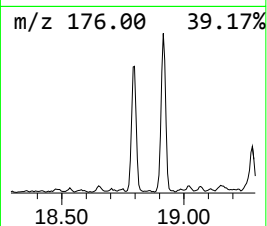
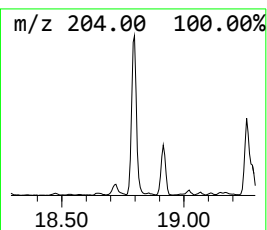
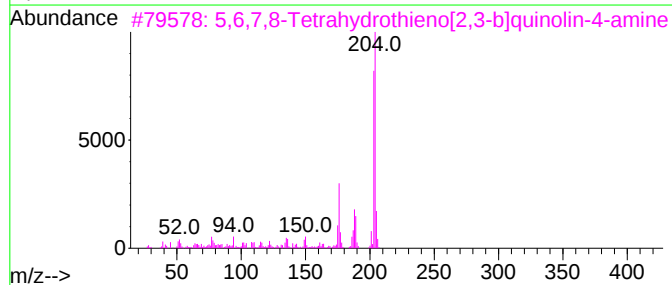
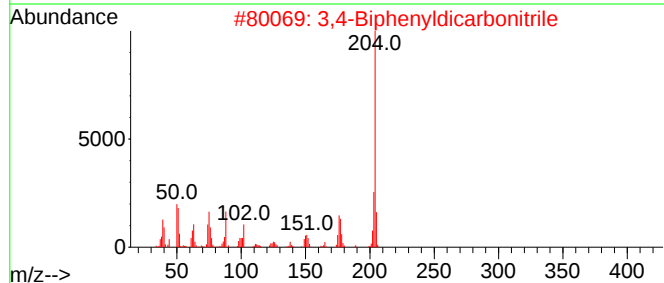
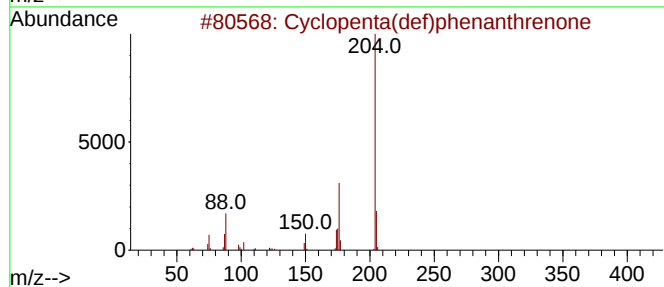
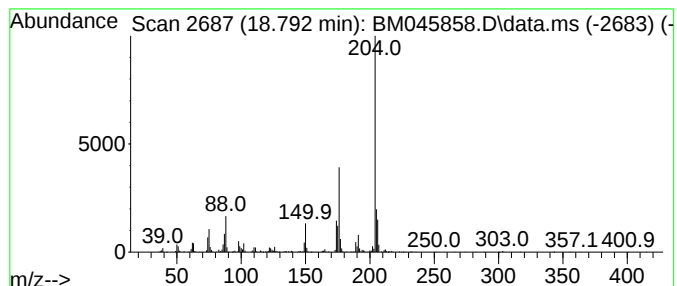
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.792	4.92 ng/ul	701925	Phenanthrene-d10	16.851

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	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	50
5			Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
Acq On : 05 Jun 2024 20:15
Operator : MA/JU
Sample : P2586-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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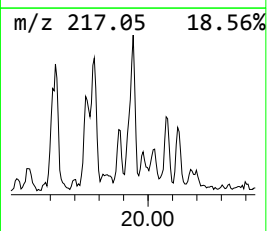
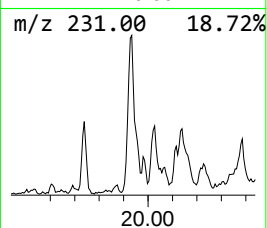
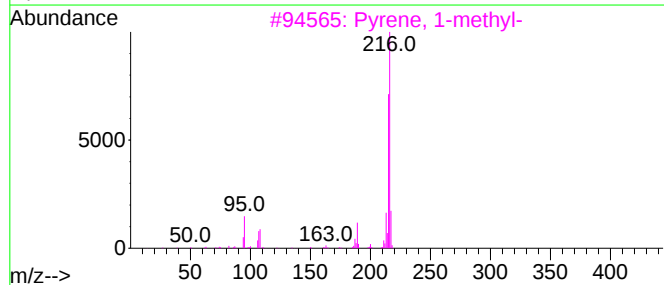
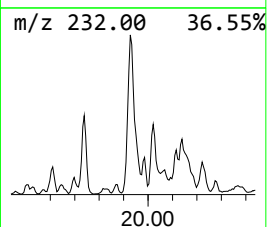
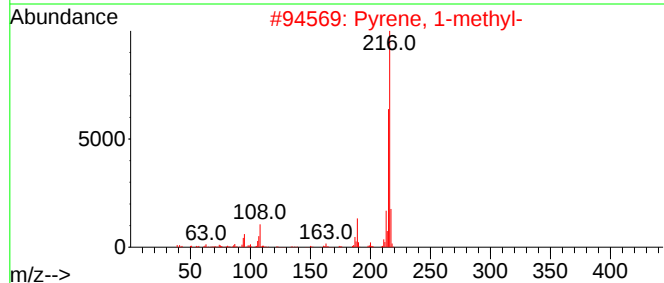
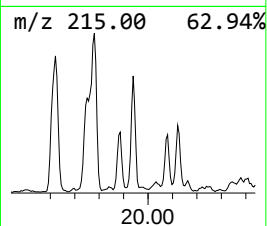
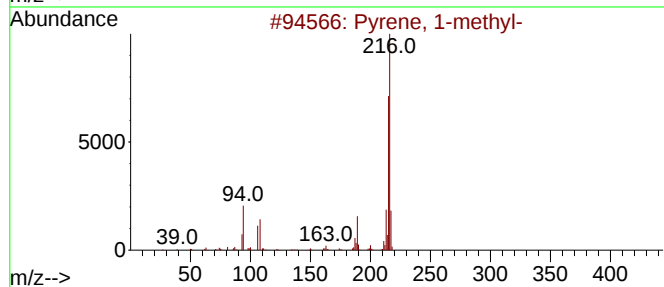
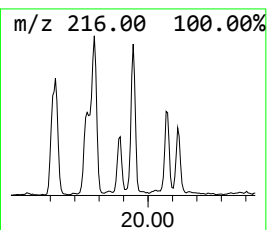
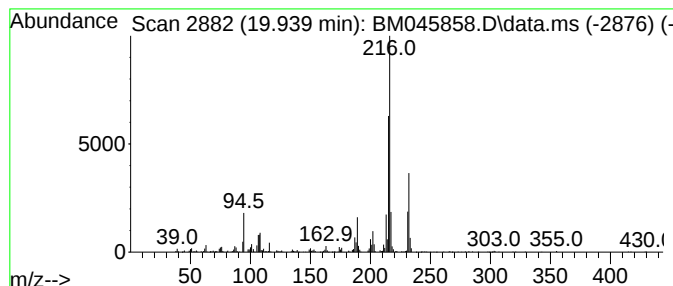
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.939	2.33 ng/ul	592928	Chrysene-d12	21.062

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	92
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
Acq On : 05 Jun 2024 20:15
Operator : MA/JU
Sample : P2586-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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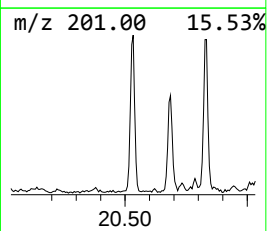
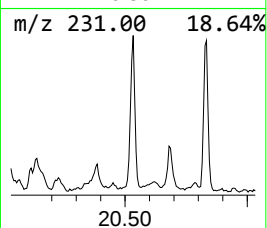
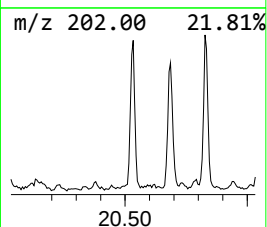
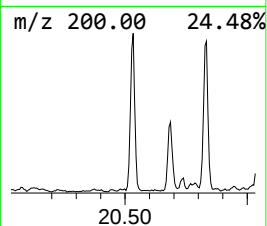
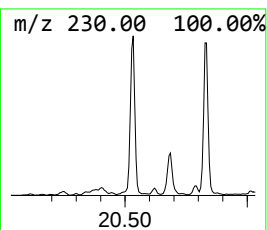
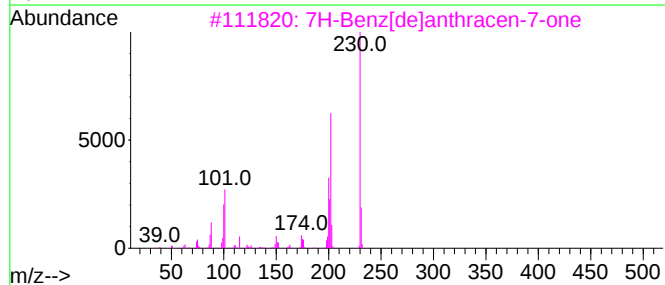
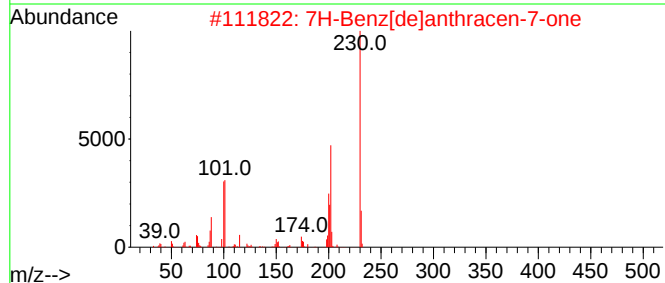
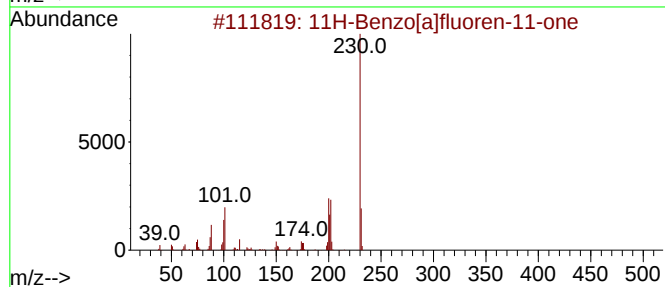
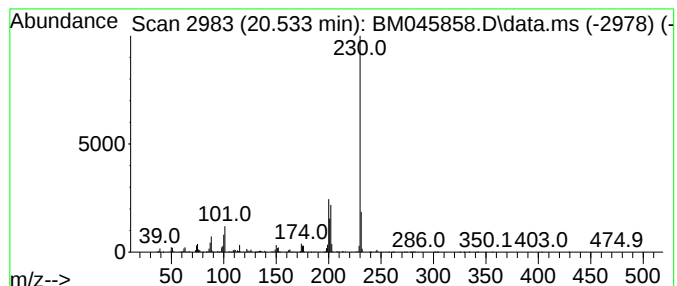
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.533	3.51 ng/ul	893867	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	90
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
Acq On : 05 Jun 2024 20:15
Operator : MA/JU
Sample : P2586-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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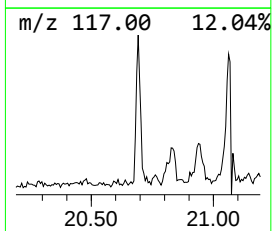
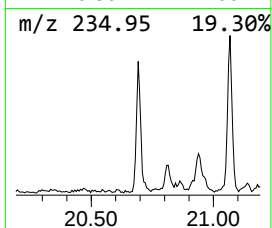
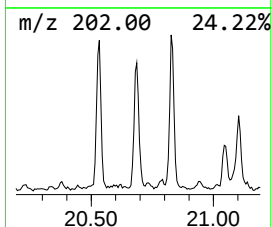
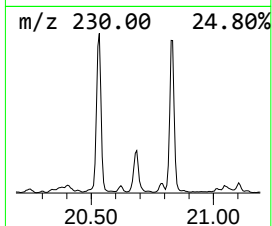
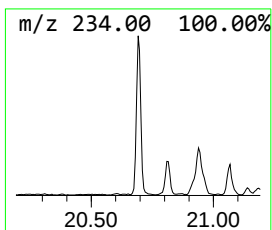
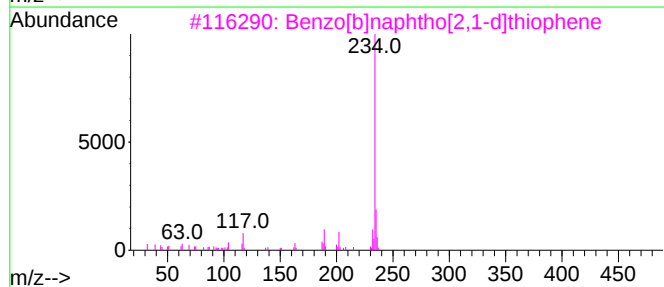
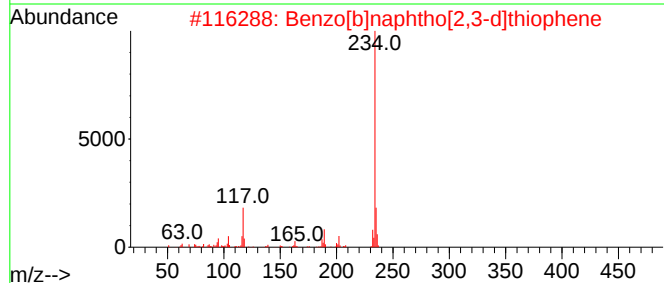
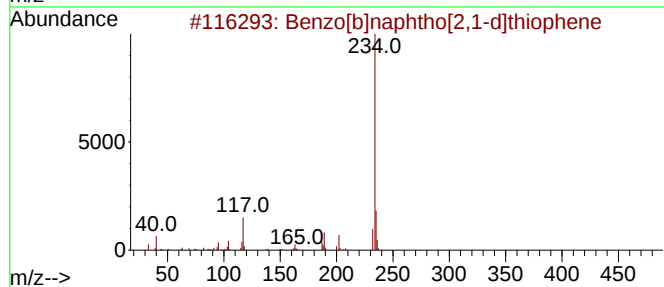
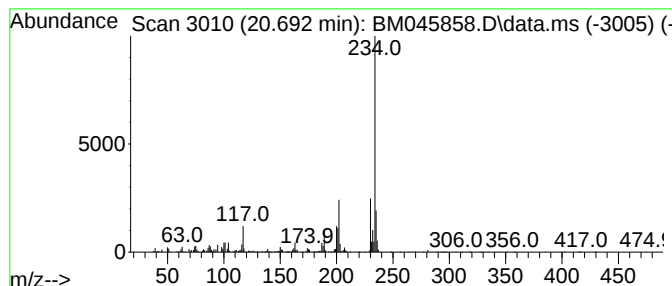
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.692	2.87 ng/ul	729605	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	95
2			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	86
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	76
4			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
5			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
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Operator : MA/JU
Sample : P2586-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

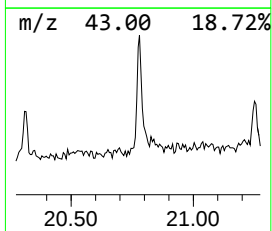
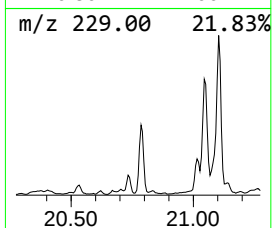
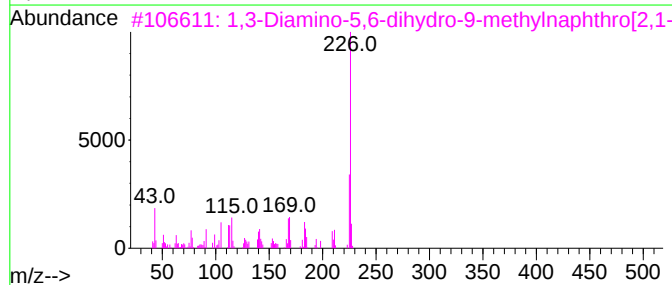
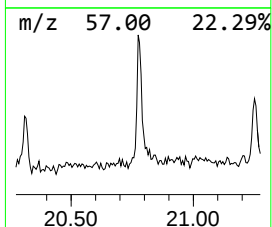
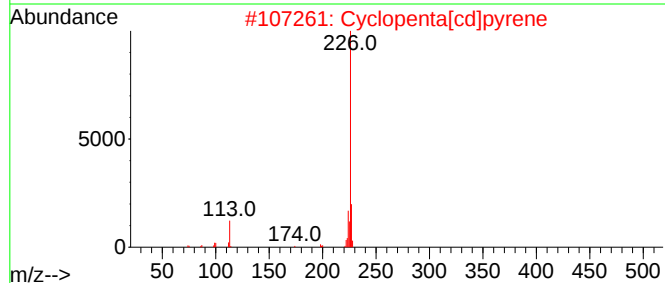
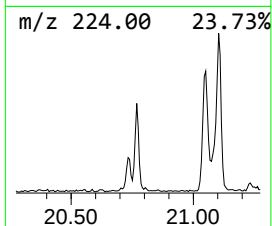
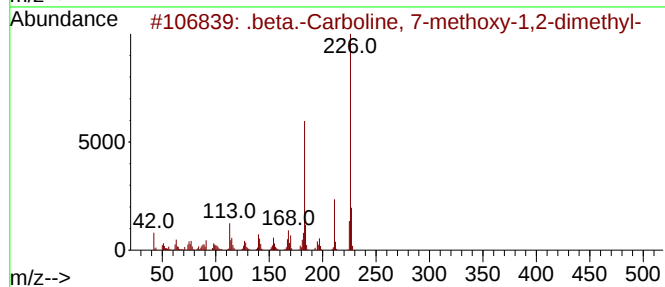
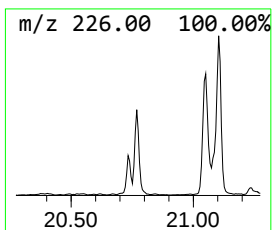
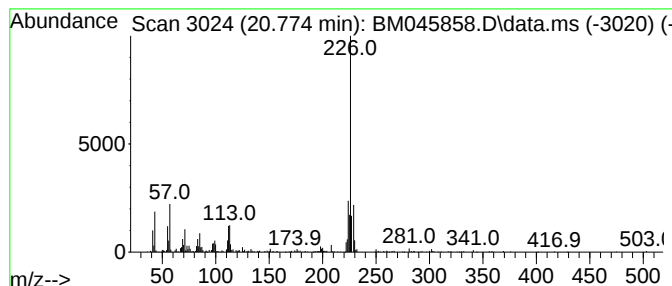
Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM053124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 .beta.-Carboline, 7-methoxy... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.774	2.60 ng/ul	662482	Chrysene-d12	21.062	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
3	1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	47
4	Valeramide, N-(2-phenylethyl)-N-...	401	C27H47NO	1000451-53-7	43
5	Tetraheptylammonium bromide	489	C28H60BrN	004368-51-8	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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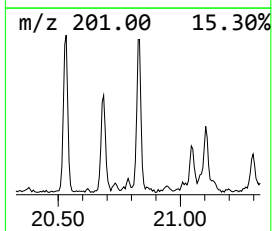
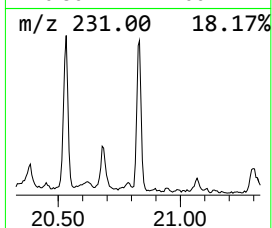
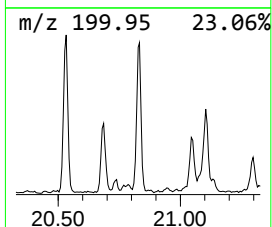
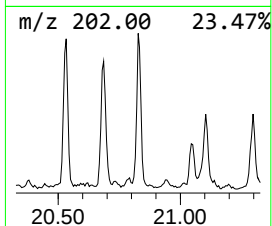
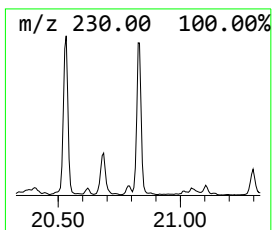
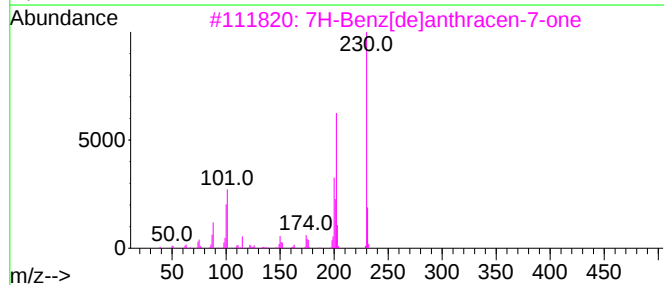
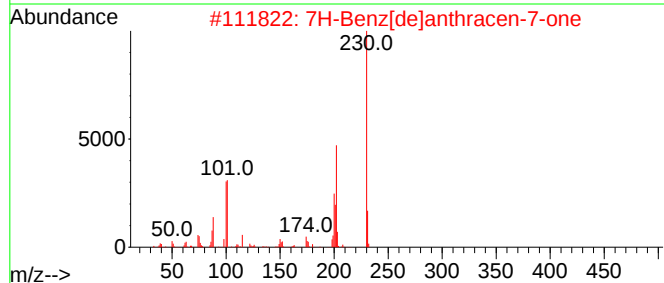
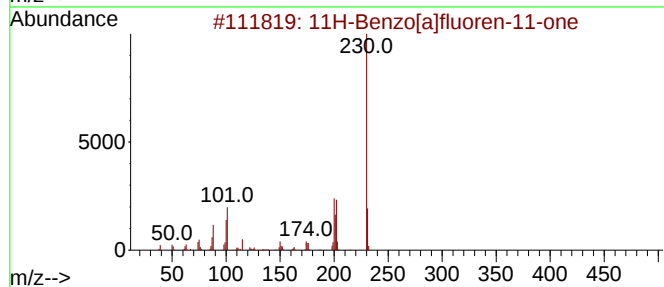
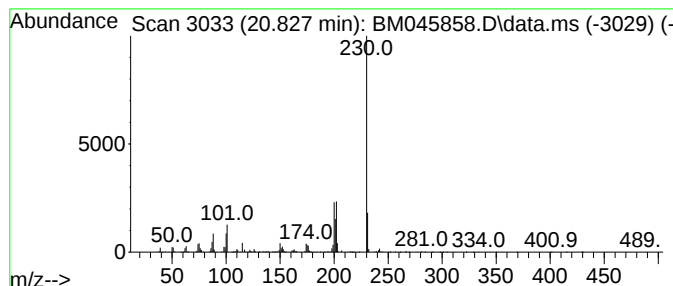
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.827	3.63 ng/ul	923274	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	90
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	83
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
Acq On : 05 Jun 2024 20:15
Operator : MA/JU
Sample : P2586-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

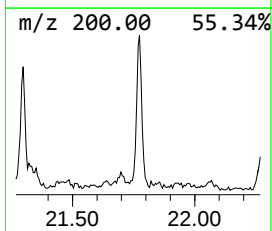
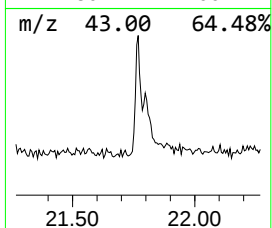
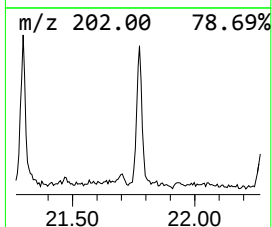
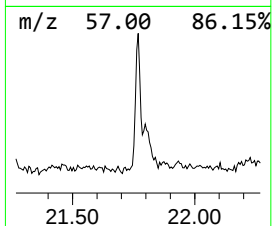
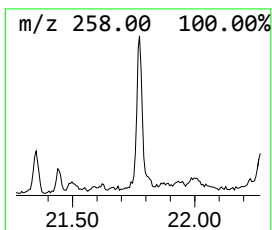
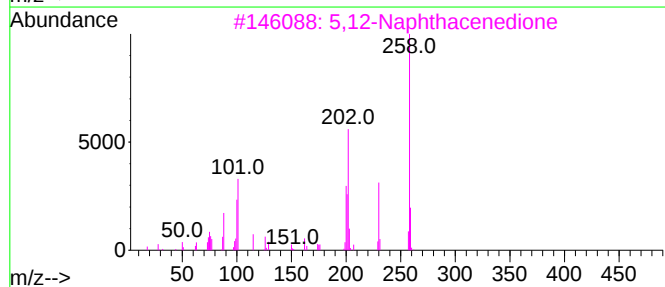
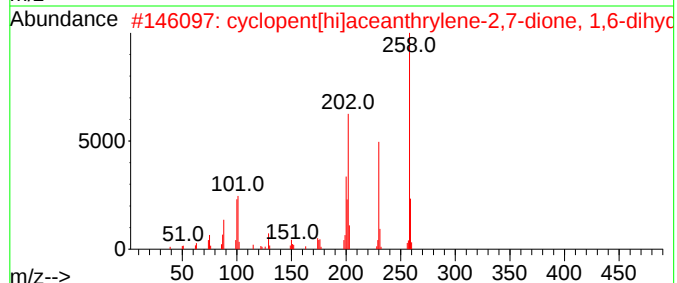
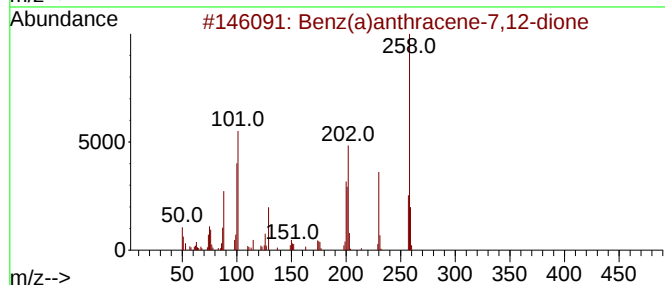
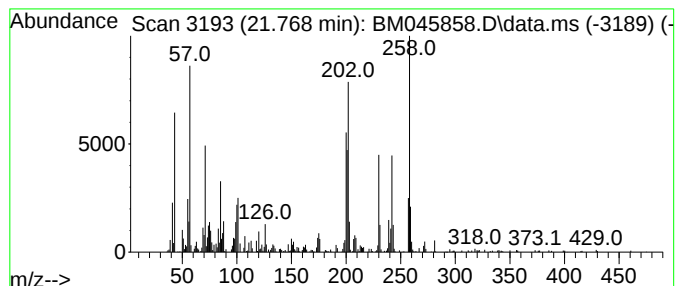
Instrument :
BNA_M
ClientSampleId :
A4D15DL

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 17 Benz(a)anthracene-7,12-dione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.768	2.08 ng/ul	528894	Chrysene-d12	21.062
Hit#	of 5	Tentative ID	MW MolForm	CAS# Qual
1		Benz(a)anthracene-7,12-dione	258 C18H10O2	002498-66-0 96
2		cyclopent[hi]aceanthrylene-2,7-d...	258 C18H10O2	1000396-75-6 96
3		5,12-Naphthacenedione	258 C18H10O2	001090-13-7 93
4		5,12-Naphthacenedione	258 C18H10O2	001090-13-7 93
5		Benz(a)anthracene-7,12-dione	258 C18H10O2	002498-66-0 89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060424\
Data File : BM045858.D
Acq On : 05 Jun 2024 20:15
Operator : MA/JU
Sample : P2586-02DL 10X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A4D15DL

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Dibenzofuran, 4...	15.610	2.0	ng/ul	292095	4	16.851	2854330	20.0
9H-Fluoren-9-one	16.516	4.8	ng/ul	682191	4	16.851	2854330	20.0
Dibenzothiophene	16.674	3.1	ng/ul	449828	4	16.851	2854330	20.0
Phenanthrene, 2...	17.727	5.1	ng/ul	723674	4	16.851	2854330	20.0
Phenanthrene, 1...	17.774	7.1	ng/ul	1014040	4	16.851	2854330	20.0
Benzaldehyde, 3...	17.916	6.3	ng/ul	898796	4	16.851	2854330	20.0
Anthracene, 2-m...	17.957	2.9	ng/ul	417986	4	16.851	2854330	20.0
Naphthalene, 2-...	18.233	3.8	ng/ul	537675	4	16.851	2854330	20.0
9,10-Anthracene...	18.274	13.2	ng/ul	1879850	4	16.851	2854330	20.0
Naphthalic anhy...	18.668	4.4	ng/ul	631068	4	16.851	2854330	20.0
Cyclopenta(def)...	18.792	4.9	ng/ul	701925	4	16.851	2854330	20.0
Pyrene, 1-methyl-	19.939	2.3	ng/ul	592928	5	21.062	5091570	20.0
11H-Benzo[a]flu...	20.533	3.5	ng/ul	893867	5	21.062	5091570	20.0
Benzo[b]naphtho...	20.692	2.9	ng/ul	729605	5	21.062	5091570	20.0
.beta.-Carbolin...	20.774	2.6	ng/ul	662482	5	21.062	5091570	20.0
7H-Benz[de]anth...	20.827	3.6	ng/ul	923274	5	21.062	5091570	20.0
Benz(a)anthrace...	21.768	2.1	ng/ul	528894	5	21.062	5091570	20.0