

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
 Data File : BN031801.D
 Acq On : 05 Jun 2024 15:46
 Operator : MA/JU
 Sample : P2591-17DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBW3DL

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_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031801.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.846	645	656	665	rBV	219001	376191	3.04%	0.350%
2	7.016	677	685	693	rVB	187686	311154	2.51%	0.290%
3	7.205	710	717	728	rVB	219059	373870	3.02%	0.348%
4	7.675	788	797	805	rBV	969318	1579724	12.75%	1.472%
5	8.375	910	916	925	rBV	277394	484645	3.91%	0.451%
6	8.828	986	993	1002	rBV	224274	390166	3.15%	0.363%
7	9.546	1108	1115	1122	rBV	165039	290428	2.34%	0.271%
8	10.081	1198	1206	1217	rBV	294424	531103	4.29%	0.495%
9	10.457	1262	1270	1276	rBV	1527029	2616664	21.11%	2.438%
10	10.504	1276	1278	1285	rVB	60846	86988	0.70%	0.081%
11	10.598	1287	1294	1303	rBV	215499	400772	3.23%	0.373%
12	11.204	1390	1397	1403	rBV	30452	64638	0.52%	0.060%
13	12.128	1547	1554	1562	rVB	38675	68500	0.55%	0.064%
14	12.345	1584	1591	1596	rBV	35181	59084	0.48%	0.055%
15	13.492	1775	1786	1791	rBV5	19520	57917	0.47%	0.054%
16	13.639	1804	1811	1815	rBV2	38780	70139	0.57%	0.065%
17	13.728	1821	1826	1833	rVB	607456	859249	6.93%	0.800%
18	14.010	1861	1874	1888	rBV	719002	1215876	9.81%	1.133%
19	14.316	1918	1926	1932	rBV	2609149	3914813	31.59%	3.647%
20	14.381	1932	1937	1944	rVB	197767	290274	2.34%	0.270%
21	14.528	1956	1962	1969	rBV	185853	343080	2.77%	0.320%
22	14.716	1989	1994	2003	rVV	171113	276289	2.23%	0.257%
23	15.310	2087	2095	2100	rVV	1000346	1448008	11.68%	1.349%
24	15.369	2100	2105	2111	rVV	222756	348397	2.81%	0.325%
25	15.439	2111	2117	2123	rVV	186242	297498	2.40%	0.277%
26	15.534	2129	2133	2136	rVV	38956	61155	0.49%	0.057%
27	15.663	2150	2155	2163	rVB	88430	139807	1.13%	0.130%
28	15.810	2170	2180	2188	rVV	90756	200610	1.62%	0.187%
29	15.898	2188	2195	2200	rVB3	26703	50740	0.41%	0.047%
30	16.039	2213	2219	2226	rVB3	50809	100238	0.81%	0.093%
31	16.351	2265	2272	2273	rBV3	38424	65772	0.53%	0.061%
32	16.375	2273	2276	2280	rVV2	51073	75642	0.61%	0.070%
33	16.598	2307	2314	2318	rBV3	49627	93398	0.75%	0.087%
34	16.639	2318	2321	2324	rVV2	50979	68564	0.55%	0.064%
35	16.722	2329	2335	2342	rVB	326514	477969	3.86%	0.445%
36	16.798	2342	2348	2356	rBV2	55078	145020	1.17%	0.135%

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Integrator: RTE

Smoothing : OFF

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
 Title : SVOA CALIBRATION

37	16.880	2358	2362	2372	rVB	205780	315863	2.55%	0.294%
38	17.063	2387	2393	2397	rBV	3310028	4943265	39.89%	4.605%
39	17.110	2397	2401	2406	rVV	3873061	5643970	45.54%	5.258%
40	17.163	2406	2410	2413	rVV	1159865	1626817	13.13%	1.516%

41	17.198	2413	2416	2421	rVB	787474	1040698	8.40%	0.970%
42	17.257	2421	2426	2432	rVB3	51505	92094	0.74%	0.086%
43	17.380	2443	2447	2452	rVB2	31730	52027	0.42%	0.048%
44	17.469	2453	2462	2467	rBV	495187	822034	6.63%	0.766%
45	17.586	2477	2482	2488	rBV2	66997	112964	0.91%	0.105%

46	17.645	2488	2492	2501	rVB4	91416	163031	1.32%	0.152%
47	17.786	2512	2516	2523	rVB	33705	59833	0.48%	0.056%
48	17.863	2525	2529	2532	rBV	41984	51538	0.42%	0.048%
49	17.939	2537	2542	2545	rVV	416270	605022	4.88%	0.564%
50	17.986	2546	2550	2556	rVV	656886	964216	7.78%	0.898%

51	18.069	2560	2564	2569	rVB	173578	242260	1.95%	0.226%
52	18.133	2569	2575	2579	rBV2	562445	1026272	8.28%	0.956%
53	18.169	2579	2581	2588	rVB	264997	348017	2.81%	0.324%
54	18.245	2591	2594	2598	rBV3	45547	71779	0.58%	0.067%
55	18.292	2598	2602	2606	rVV2	70583	98513	0.79%	0.092%

56	18.386	2614	2618	2623	rBV5	34708	60912	0.49%	0.057%
57	18.445	2623	2628	2631	rBV	375735	492978	3.98%	0.459%
58	18.486	2631	2635	2640	rVB	460817	633441	5.11%	0.590%
59	18.692	2666	2670	2674	rBV2	104371	127918	1.03%	0.119%
60	18.739	2674	2678	2682	rVV	99326	139057	1.12%	0.130%

61	18.780	2682	2685	2689	rVB	103219	131104	1.06%	0.122%
62	18.869	2694	2700	2704	rBV2	231869	425945	3.44%	0.397%
63	18.927	2706	2710	2713	rVV4	76210	132542	1.07%	0.123%
64	18.957	2713	2715	2718	rVB	76333	78181	0.63%	0.073%
65	19.004	2718	2723	2729	rBV2	435703	674767	5.44%	0.629%

66	19.127	2738	2744	2751	rVB	6949908	9643826	77.82%	8.984%
67	19.192	2752	2755	2758	rBV	83372	101437	0.82%	0.094%
68	19.227	2758	2761	2764	rBV2	119026	141531	1.14%	0.132%
69	19.327	2773	2778	2781	rBV3	108306	193499	1.56%	0.180%
70	19.374	2782	2786	2789	rVB	133177	188216	1.52%	0.175%

71	19.463	2795	2801	2803	rBV2	2381231	3412237	27.53%	3.179%
72	19.492	2803	2806	2814	rVV	5018169	6428520	51.87%	5.989%
73	19.563	2814	2818	2824	rVB2	273834	384453	3.10%	0.358%
74	19.674	2832	2837	2842	rBV	353941	475748	3.84%	0.443%
75	19.733	2843	2847	2852	rVB	220555	346170	2.79%	0.322%

76	19.810	2855	2860	2862	rBV	368883	594977	4.80%	0.554%
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 Title : SVOA CALIBRATION

77	19.951	2879	2884	2887	rBV4	299589	561415	4.53%	0.523%
78	19.986	2887	2890	2895	rVB	425958	610796	4.93%	0.569%
79	20.092	2904	2908	2911	rBV	177515	238890	1.93%	0.223%
80	20.145	2911	2917	2921	rVV2	508309	907709	7.32%	0.846%
81	20.186	2921	2924	2928	rVB	151865	165900	1.34%	0.155%
82	20.227	2928	2931	2937	rBV2	109843	178309	1.44%	0.166%
83	20.286	2938	2941	2945	rVV	200784	251998	2.03%	0.235%
84	20.333	2945	2949	2953	rVV3	237510	338994	2.74%	0.316%
85	20.739	3013	3018	3024	rBV	1105188	1440772	11.63%	1.342%
86	20.910	3041	3047	3051	rBV2	595969	1148151	9.26%	1.070%
87	20.951	3051	3054	3057	rVV	499851	645019	5.20%	0.601%
88	20.992	3057	3061	3066	rVV2	603593	1157280	9.34%	1.078%
89	21.051	3067	3071	3078	rVB	922476	1359115	10.97%	1.266%
90	21.210	3095	3098	3102	rVB	373631	437160	3.53%	0.407%
91	21.298	3105	3113	3118	rVV4	5211788	12392604	100.00%	11.545%
92	21.345	3118	3121	3132	rVB	2949369	4366794	35.24%	4.068%
93	21.486	3141	3145	3151	rBV3	227577	420391	3.39%	0.392%
94	21.974	3225	3228	3233	rVB	465188	679711	5.48%	0.633%
95	22.039	3236	3239	3248	rVB3	296346	566101	4.57%	0.527%
96	23.310	3448	3455	3462	rBV3	2340758	6921108	55.85%	6.448%
97	23.962	3562	3566	3573	rBV	378448	787663	6.36%	0.734%
98	24.033	3574	3578	3583	rVV2	512916	985410	7.95%	0.918%
99	24.098	3584	3589	3601	rVB	1089928	2656577	21.44%	2.475%
100	24.245	3605	3614	3622	rBV2	2639952	6801856	54.89%	6.337%

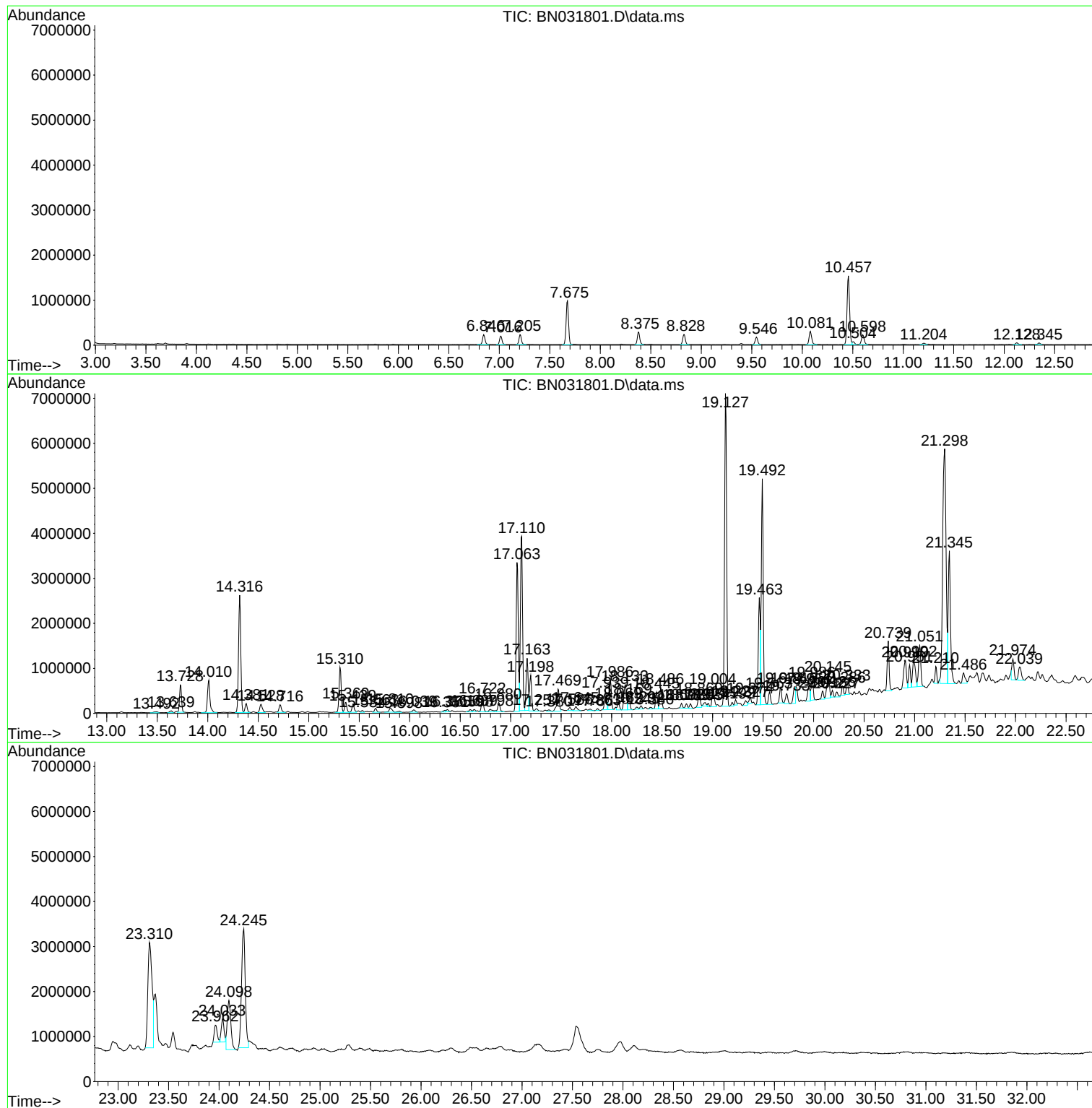
Sum of corrected areas: 107341777

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Instrument :
BNA_N
ClientSampleId :
BHBW3DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
BNA_N
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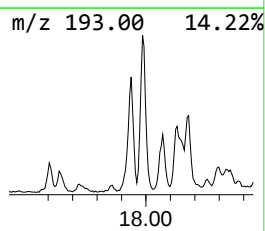
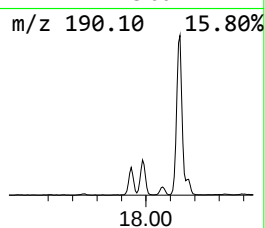
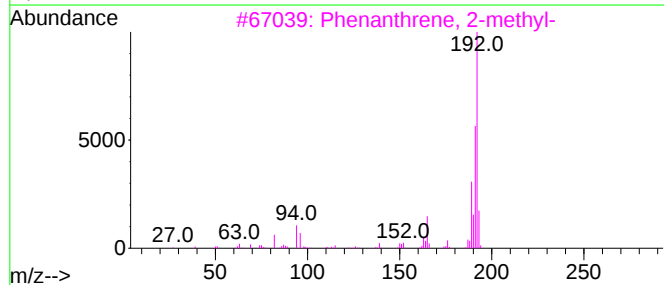
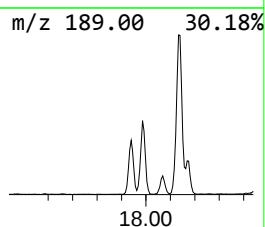
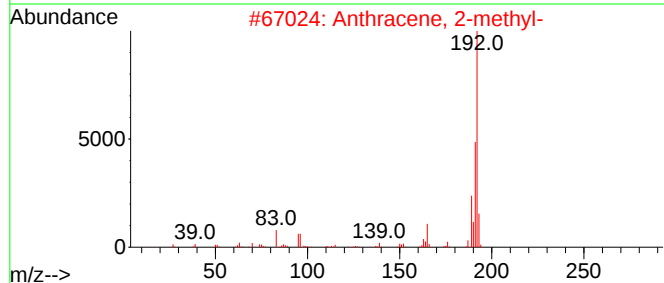
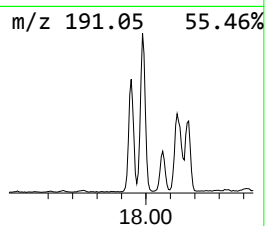
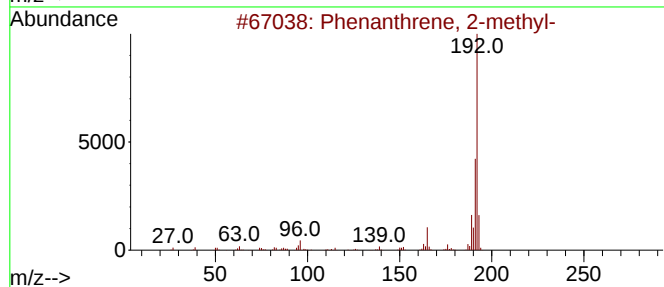
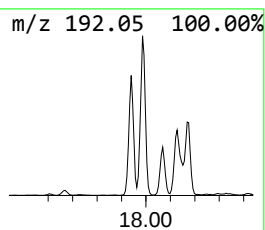
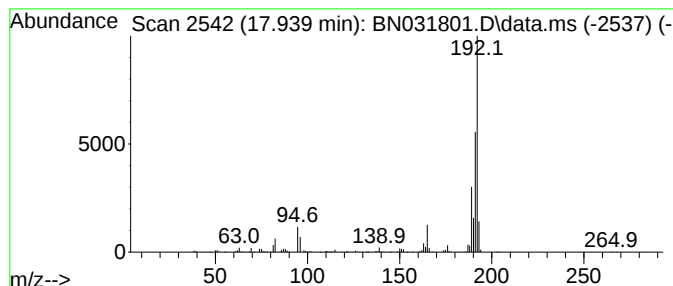
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	2.45 ng/ul	605022	Phenanthrene-d10	17.063

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



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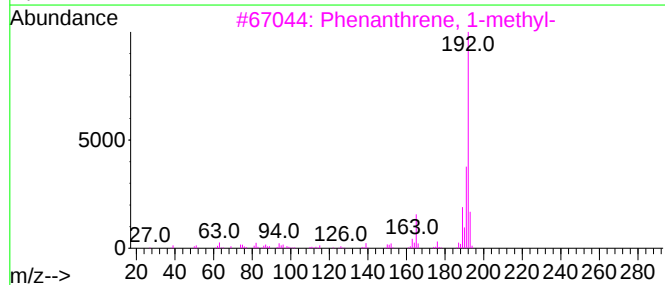
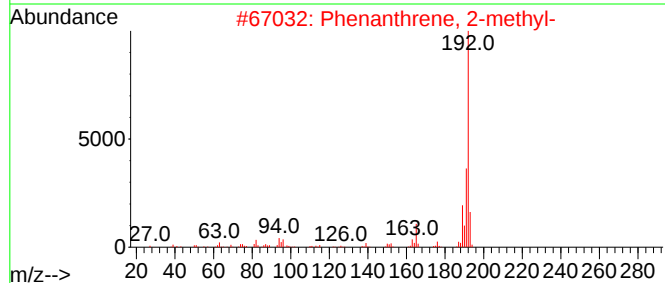
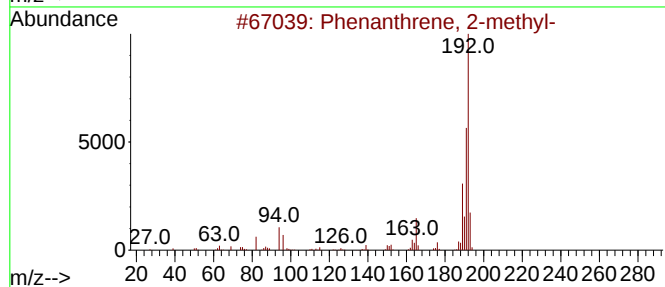
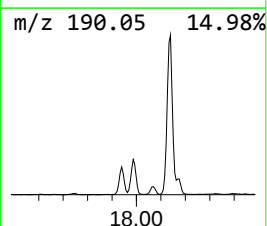
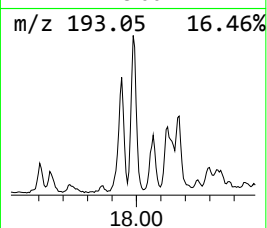
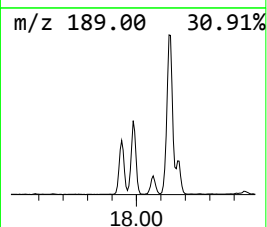
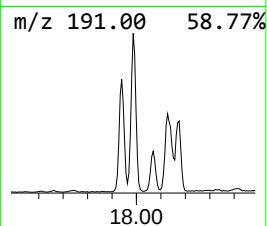
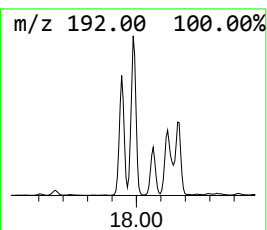
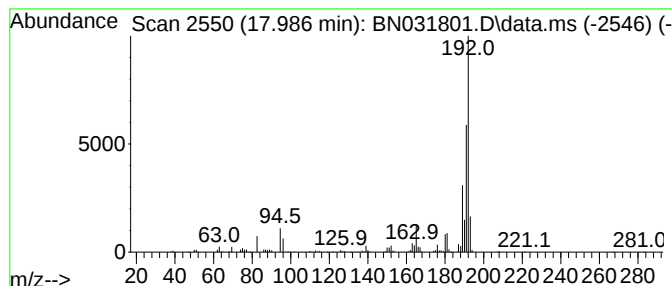
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	3.90 ng/ul	964216	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



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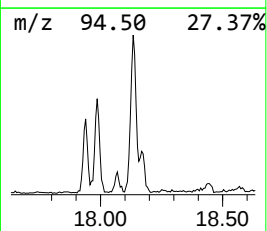
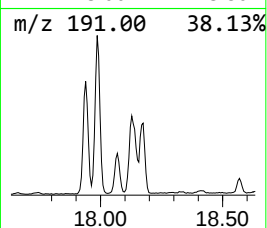
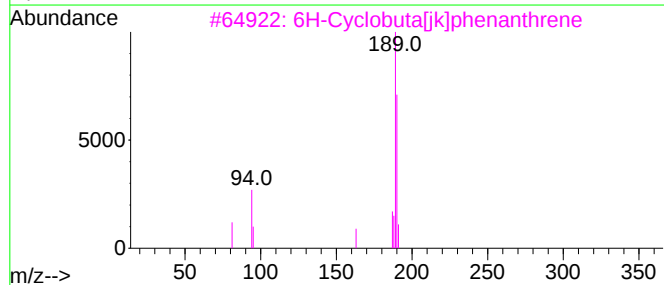
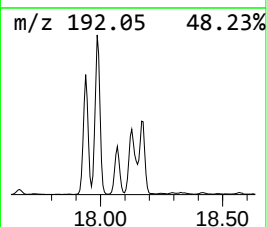
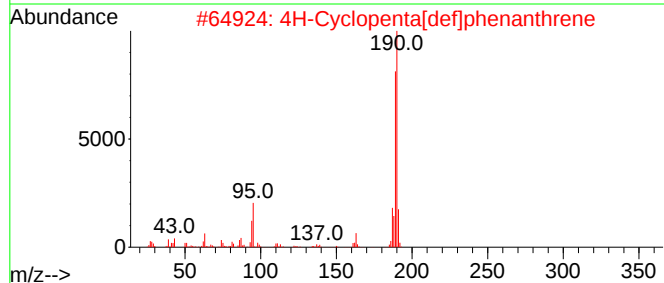
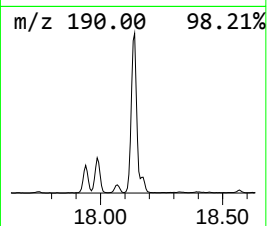
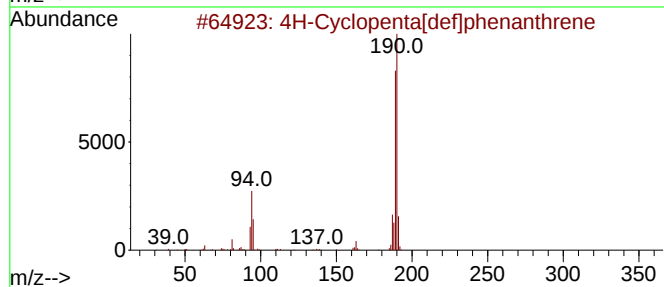
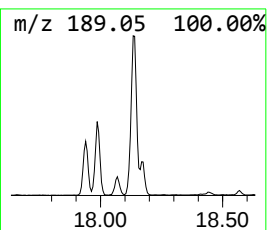
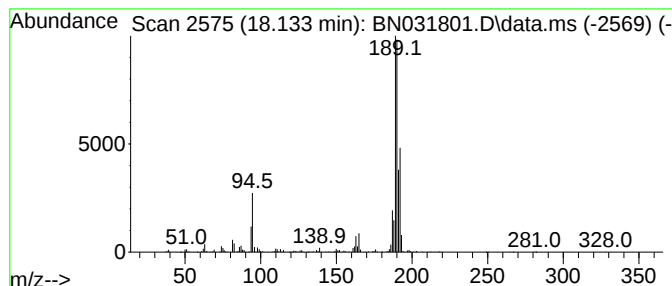
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	4.15 ng/ul	1026270	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031801.D
Acq On : 05 Jun 2024 15:46
Operator : MA/JU
Sample : P2591-17DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBW3DL

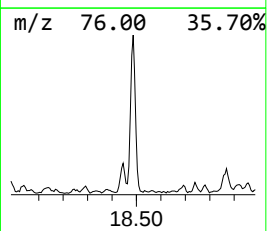
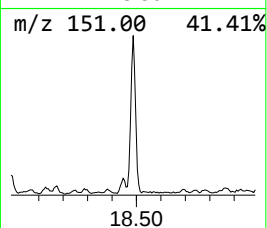
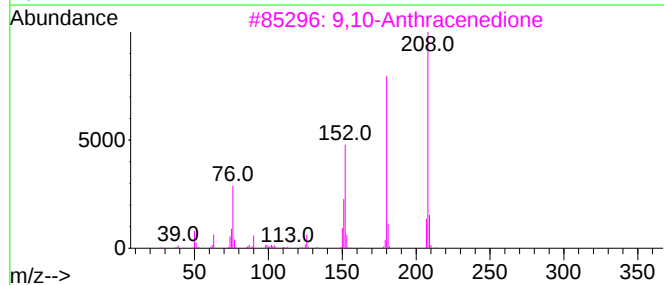
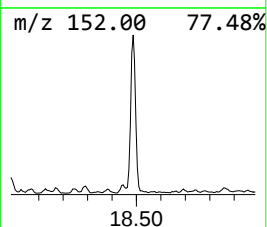
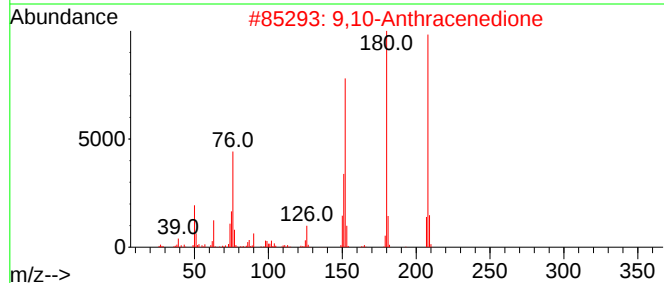
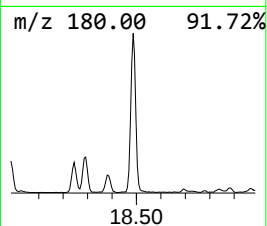
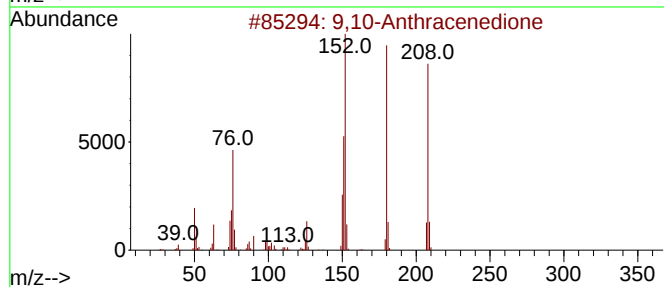
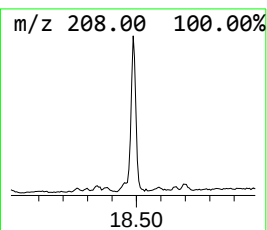
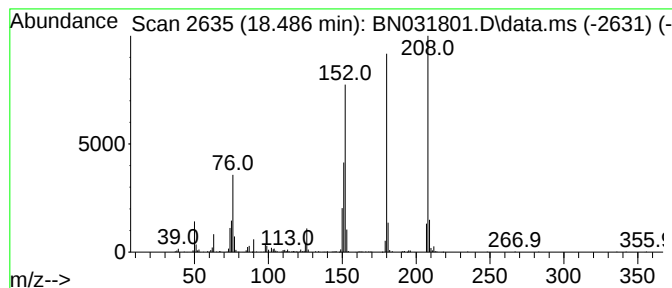
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	2.56 ng/ul	633441	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031801.D
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Sample : P2591-17DL 5X
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ALS Vial : 7 Sample Multiplier: 1

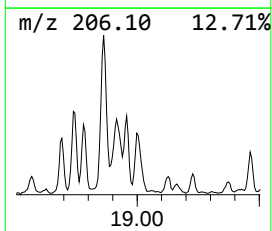
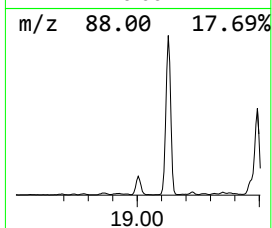
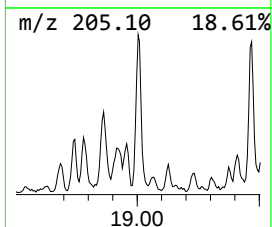
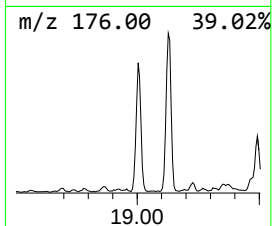
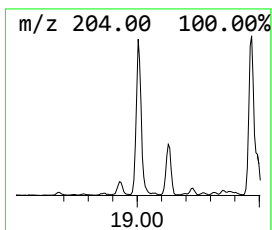
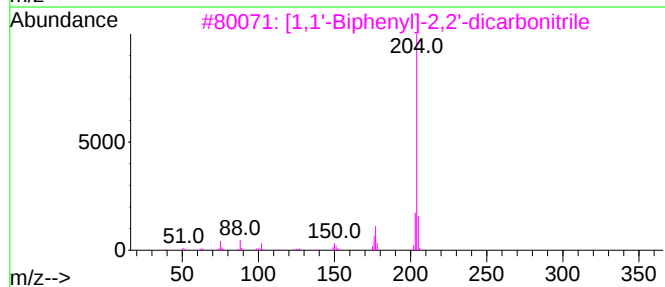
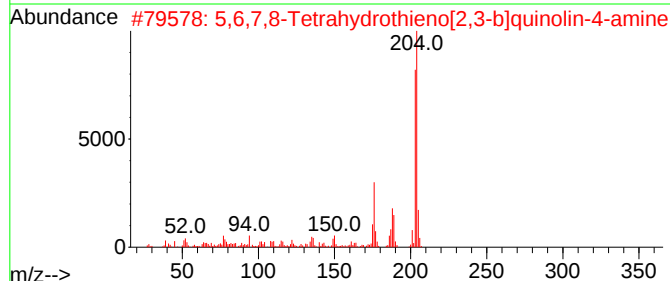
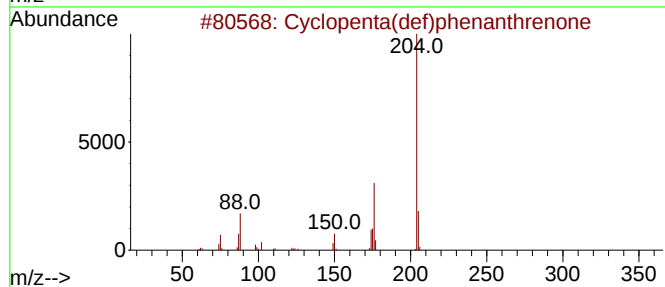
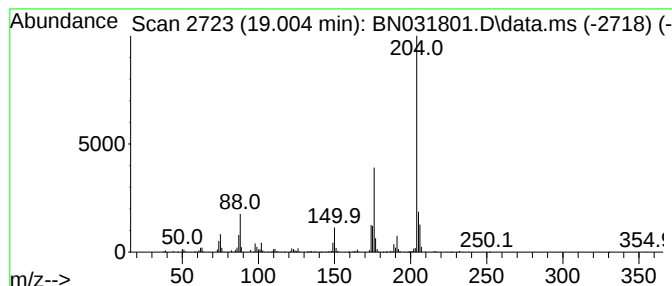
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.004	2.73 ng/ul	674767	Phenanthrene-d10	17.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	64
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	Tetracyano-p-quinodimethane	204	C12H4N4	001518-16-7	43
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031801.D
Acq On : 05 Jun 2024 15:46
Operator : MA/JU
Sample : P2591-17DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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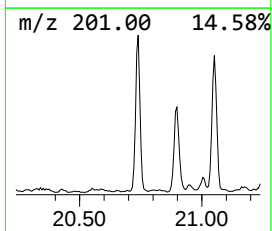
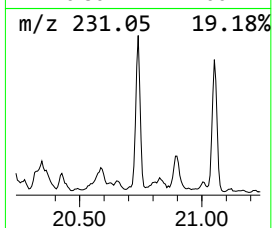
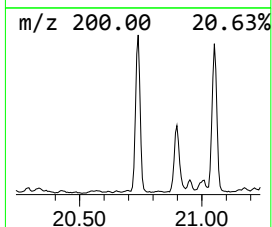
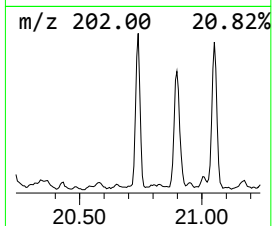
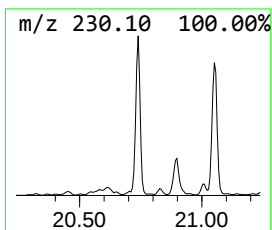
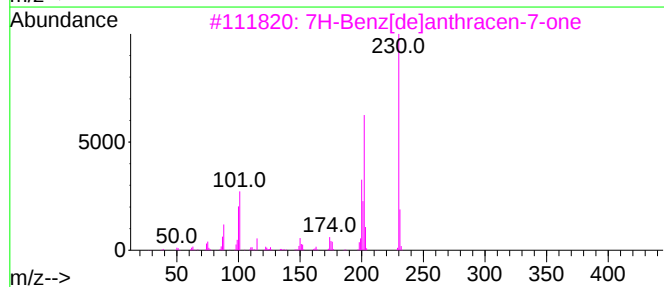
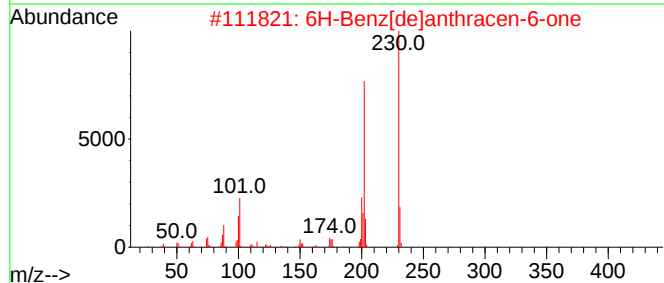
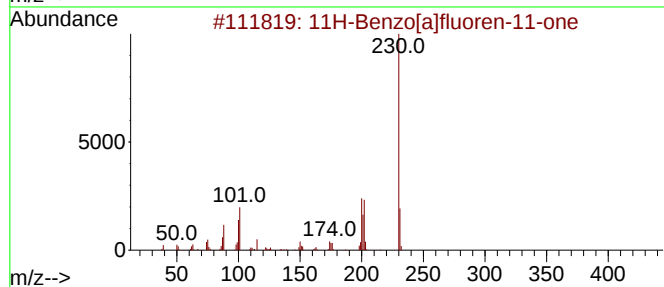
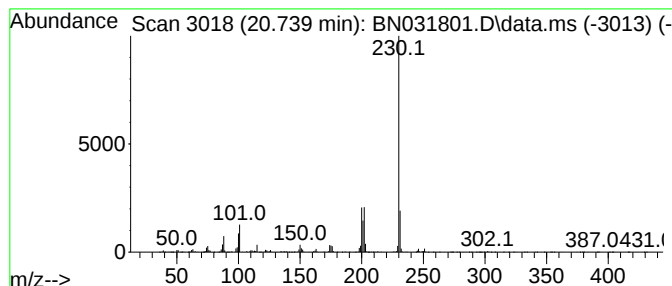
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	2.33 ng/ul	1440770	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	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	90
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031801.D
Acq On : 05 Jun 2024 15:46
Operator : MA/JU
Sample : P2591-17DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBW3DL

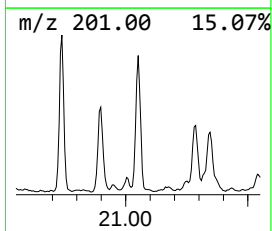
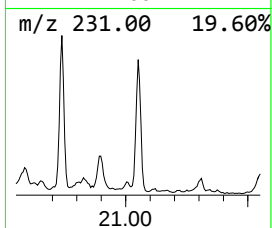
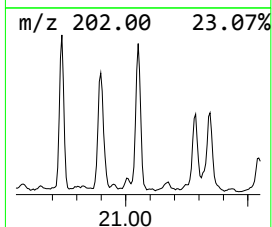
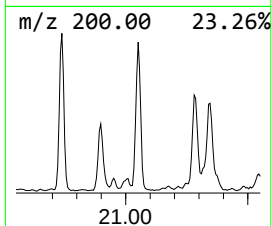
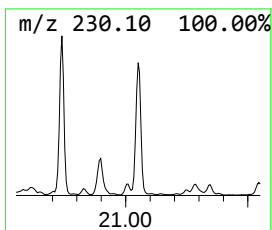
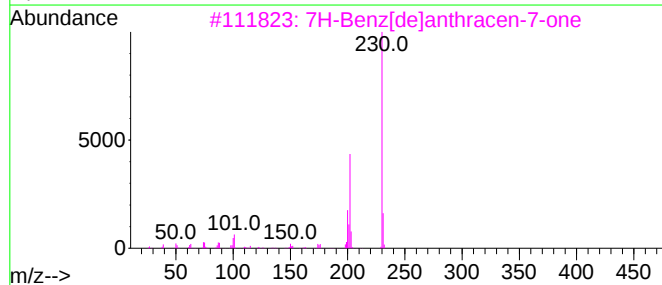
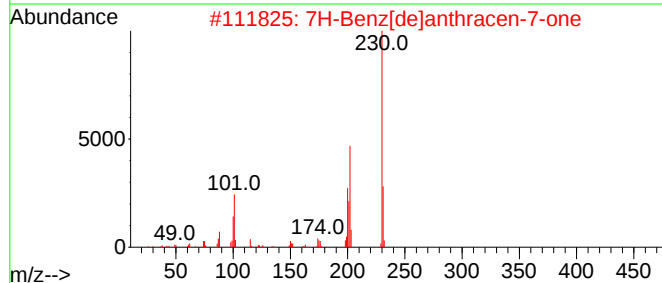
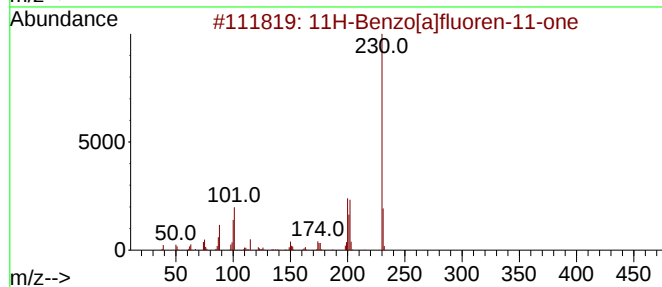
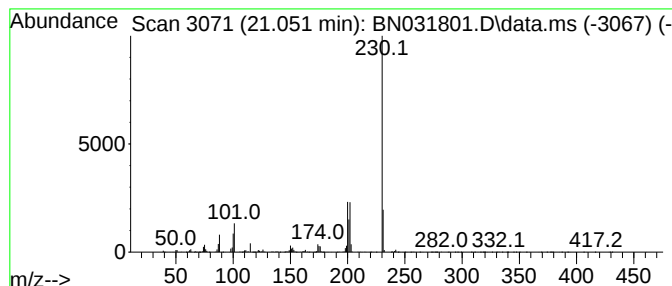
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 7H-Benz[de]anthracen-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.19 ng/ul	1359120	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one			230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one			230	C17H10O	000082-05-3	87
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	83
5	6H-Benz[de]anthracen-6-one			230	C17H10O	080252-14-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031801.D
Acq On : 05 Jun 2024 15:46
Operator : MA/JU
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Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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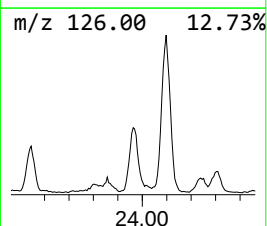
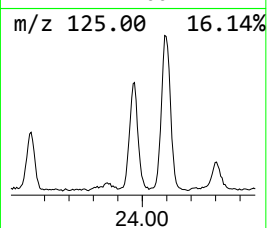
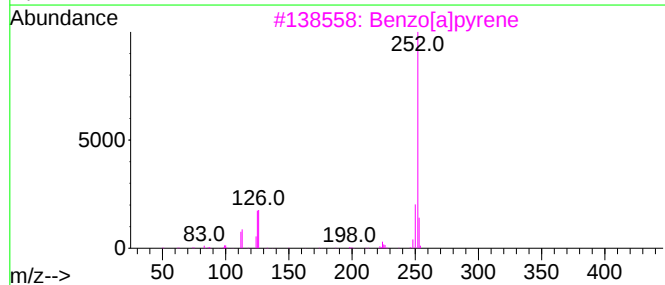
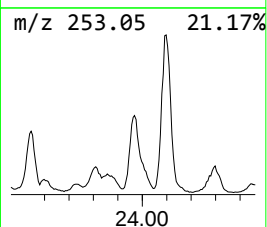
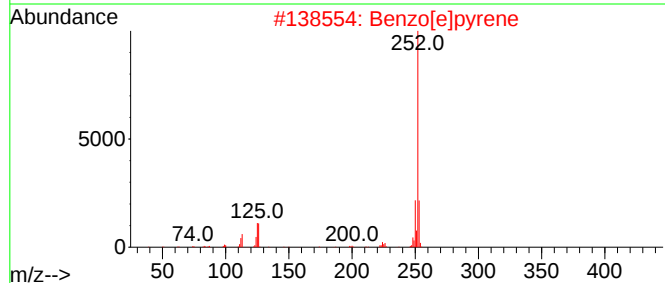
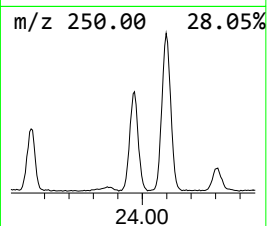
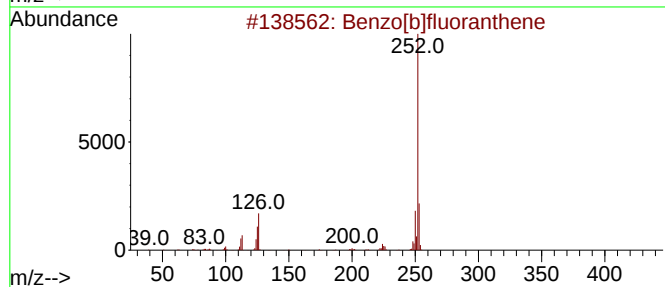
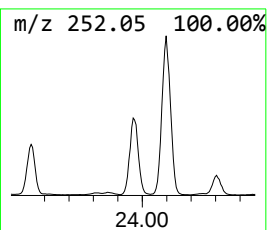
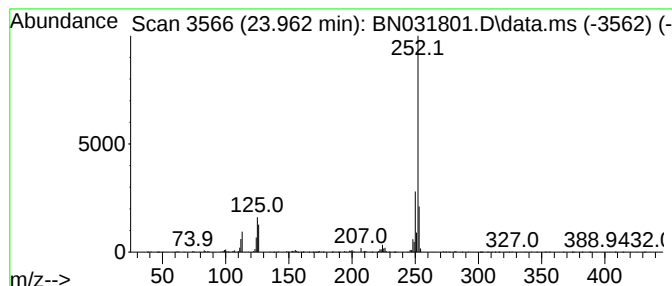
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	2.32 ng/ul	787663	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]fluoranthene	252	C20H12	000205-99-2	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Perylene	252	C20H12	000198-55-0	95
5			Benzo[a]pyrene	252	C20H12	000050-32-8	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060524\
Data File : BN031801.D
Acq On : 05 Jun 2024 15:46
Operator : MA/JU
Sample : P2591-17DL 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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					#	RT	Resp	Conc
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Phenanthrene, 1...	17.986	3.9	ng/u1	964216	4	17.063	4943270	20.0
4H-Cyclopenta[d...	18.133	4.2	ng/u1	1026270	4	17.063	4943270	20.0
9,10-Anthracene...	18.486	2.6	ng/u1	633441	4	17.063	4943270	20.0
Cyclopenta(def)...	19.004	2.7	ng/u1	674767	4	17.063	4943270	20.0
11H-Benzo[a]flu...	20.739	2.3	ng/u1	1440770	5	21.304	12392600	20.0
7H-Benz[de]anth...	21.051	2.2	ng/u1	1359120	5	21.304	12392600	20.0
Benzo[e]pyrene	23.962	2.3	ng/u1	787663	6	24.245	6801860	20.0