

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
 Data File : BN031661.D
 Acq On : 24 May 2024 15:00
 Operator : MA/JU
 Sample : P2548-13
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH610

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-BN052124.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031661.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.199	32	36	43	rVB	76314	97245	1.37%	0.093%
2	3.458	77	80	90	rBV	133745	187629	2.65%	0.180%
3	3.605	102	105	118	rBV	780018	1183461	16.71%	1.136%
4	3.711	118	123	130	rVV	179341	238535	3.37%	0.229%
5	4.822	306	312	318	rBV	49004	80235	1.13%	0.077%
6	5.964	499	506	516	rVV	33400	52841	0.75%	0.051%
7	6.852	649	657	666	rBV	1169097	1877147	26.51%	1.801%
8	7.028	680	687	695	rBV	1026782	1586830	22.41%	1.523%
9	7.222	712	720	727	rBV	1200253	1915750	27.05%	1.838%
10	7.687	792	799	807	rBV	1588170	2523953	35.64%	2.422%
11	8.387	911	918	925	rBV	1186698	1877347	26.51%	1.801%
12	8.510	933	939	945	rVB	47469	81121	1.15%	0.078%
13	8.840	987	995	1004	rBV	1083410	1765090	24.92%	1.694%
14	9.410	1087	1092	1097	rBV	38495	55504	0.78%	0.053%
15	9.557	1110	1117	1125	rBV	764338	1249678	17.65%	1.199%
16	10.087	1200	1207	1217	rVV	1246158	2078867	29.35%	1.995%
17	10.469	1264	1272	1279	rBV	1967486	3386156	47.81%	3.249%
18	10.610	1287	1296	1310	rBV	1018778	1741736	24.59%	1.671%
19	11.210	1392	1398	1410	rVV	124396	235190	3.32%	0.226%
20	12.063	1537	1543	1550	rVB2	29341	52500	0.74%	0.050%
21	12.357	1588	1593	1600	rVB2	31167	49506	0.70%	0.048%
22	13.646	1807	1812	1817	rVB2	42459	71322	1.01%	0.068%
23	13.740	1823	1828	1834	rBV	1797149	2476939	34.97%	2.377%
24	14.016	1864	1875	1888	rBV	2211514	3758548	53.07%	3.607%
25	14.328	1916	1928	1934	rBV	2304991	3631423	51.28%	3.485%
26	14.387	1934	1938	1946	rVB	48806	91566	1.29%	0.088%
27	14.522	1954	1961	1973	rBV	590013	1084365	15.31%	1.041%
28	14.728	1992	1996	2004	rVV3	48152	117620	1.66%	0.113%
29	14.945	2026	2033	2038	rBV5	34983	79887	1.13%	0.077%
30	15.116	2055	2062	2066	rBV6	24264	53858	0.76%	0.052%
31	15.192	2071	2075	2080	rVB3	34790	50941	0.72%	0.049%
32	15.322	2090	2097	2103	rVV	2579485	3718302	52.50%	3.568%
33	15.375	2103	2106	2111	rVV3	58601	100822	1.42%	0.097%
34	15.434	2111	2116	2123	rVV	364997	512700	7.24%	0.492%
35	15.669	2151	2156	2162	rBV	34919	64223	0.91%	0.062%
36	15.816	2173	2181	2189	rVB4	31901	97144	1.37%	0.093%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
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37	16.051	2216	2221	2228	rBV3	71801	127501	1.80%	0.122%
38	16.381	2274	2277	2281	rVV4	33342	57698	0.81%	0.055%
39	16.728	2331	2336	2343	rVB2	71617	127468	1.80%	0.122%
40	16.804	2344	2349	2353	rBV4	25977	54171	0.76%	0.052%

41	16.887	2359	2363	2372	rVB	66383	110142	1.56%	0.106%
42	17.069	2388	2394	2398	rBV	2356080	3452099	48.74%	3.313%
43	17.110	2398	2401	2406	rVV	1228620	1725427	24.36%	1.656%
44	17.169	2406	2411	2415	rVV2	2440684	3547251	50.09%	3.404%
45	17.204	2415	2417	2422	rVV	313762	363107	5.13%	0.348%

46	17.257	2422	2426	2432	rVB2	59468	101777	1.44%	0.098%
47	17.475	2459	2463	2467	rVB	84805	109075	1.54%	0.105%
48	17.592	2478	2483	2487	rVV2	41550	65811	0.93%	0.063%
49	17.651	2489	2493	2502	rVB2	70072	109019	1.54%	0.105%
50	17.945	2538	2543	2545	rVV	305565	435037	6.14%	0.417%

51	17.992	2545	2551	2557	rVV2	444690	962601	13.59%	0.924%
52	18.075	2561	2565	2569	rVV	101012	160777	2.27%	0.154%
53	18.134	2569	2575	2579	rVV3	396421	741424	10.47%	0.711%
54	18.175	2579	2582	2590	rVB	235673	350730	4.95%	0.337%
55	18.339	2607	2610	2615	rVB4	37918	59739	0.84%	0.057%

56	18.451	2625	2629	2632	rBV	167269	218945	3.09%	0.210%
57	18.486	2632	2635	2641	rVB2	218144	312173	4.41%	0.300%
58	18.698	2667	2671	2675	rVV	95591	134240	1.90%	0.129%
59	18.745	2675	2679	2683	rVV	117789	174051	2.46%	0.167%
60	18.786	2683	2686	2690	rVB	83680	109809	1.55%	0.105%

61	18.869	2695	2700	2704	rVV	306234	450676	6.36%	0.432%
62	18.922	2704	2709	2713	rVV4	128639	270753	3.82%	0.260%
63	18.963	2713	2716	2719	rVB	85852	100674	1.42%	0.097%
64	19.010	2719	2724	2732	rBV2	195347	406104	5.73%	0.390%
65	19.133	2737	2745	2750	rVB	3201015	4290195	60.58%	4.117%

66	19.198	2753	2756	2759	rBV2	46045	56286	0.79%	0.054%
67	19.233	2759	2762	2764	rBV3	57213	70107	0.99%	0.067%
68	19.263	2764	2767	2768	rBV2	60337	71066	1.00%	0.068%
69	19.333	2775	2779	2782	rBV	66196	86692	1.22%	0.083%
70	19.375	2783	2786	2790	rVV	90976	107827	1.52%	0.103%

71	19.469	2796	2802	2804	rBV	3128449	4775659	67.43%	4.583%
72	19.492	2804	2806	2815	rVV	2989597	3941062	55.65%	3.782%
73	19.569	2815	2819	2824	rVB2	164849	264293	3.73%	0.254%
74	19.675	2833	2837	2842	rVB	113041	166950	2.36%	0.160%
75	19.733	2844	2847	2853	rVB	162125	234759	3.31%	0.225%

76	19.822	2856	2862	2868	rBV3	267347	659330	9.31%	0.633%
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 Title : SVOA CALIBRATION

77	19.957	2880	2885	2887	rBV2	213518	324272	4.58%	0.311%
78	19.992	2887	2891	2895	rVB	440288	628109	8.87%	0.603%
79	20.028	2895	2897	2900	rBV3	50415	57971	0.82%	0.056%
80	20.092	2904	2908	2912	rBV	278104	356678	5.04%	0.342%
81	20.151	2912	2918	2922	rBV2	370698	577970	8.16%	0.555%
82	20.292	2938	2942	2945	rBV	218506	274701	3.88%	0.264%
83	20.333	2945	2949	2958	rVB	261093	412823	5.83%	0.396%
84	20.739	3014	3018	3025	rVB	398854	588190	8.31%	0.564%
85	20.910	3041	3047	3051	rBV3	290282	572198	8.08%	0.549%
86	20.951	3051	3054	3057	rVV	284021	391137	5.52%	0.375%
87	20.992	3057	3061	3067	rVV3	468542	893162	12.61%	0.857%
88	21.051	3067	3071	3084	rVB2	403000	719812	10.16%	0.691%
89	21.222	3097	3100	3103	rBV2	163789	203974	2.88%	0.196%
90	21.298	3106	3113	3118	rVV3	3213360	7082097	100.00%	6.796%
91	21.345	3118	3121	3133	rVB	1762579	2613213	36.90%	2.508%
92	21.486	3141	3145	3147	rBV	163229	244206	3.45%	0.234%
93	22.039	3236	3239	3248	rVB3	216714	419817	5.93%	0.403%
94	22.227	3267	3271	3274	rBV2	166464	232054	3.28%	0.223%
95	23.316	3448	3456	3463	rBV	1369734	4222049	59.62%	4.051%
96	23.968	3560	3567	3572	rBV	696183	1725338	24.36%	1.656%
97	24.039	3573	3579	3585	rVV2	1865400	4375334	61.78%	4.198%
98	24.098	3585	3589	3602	rVB2	1238735	2861971	40.41%	2.746%
99	24.239	3605	3613	3620	rBV	1674575	4230845	59.74%	4.060%
100	27.539	4167	4174	4196	rVB3	558640	2417361	34.13%	2.320%

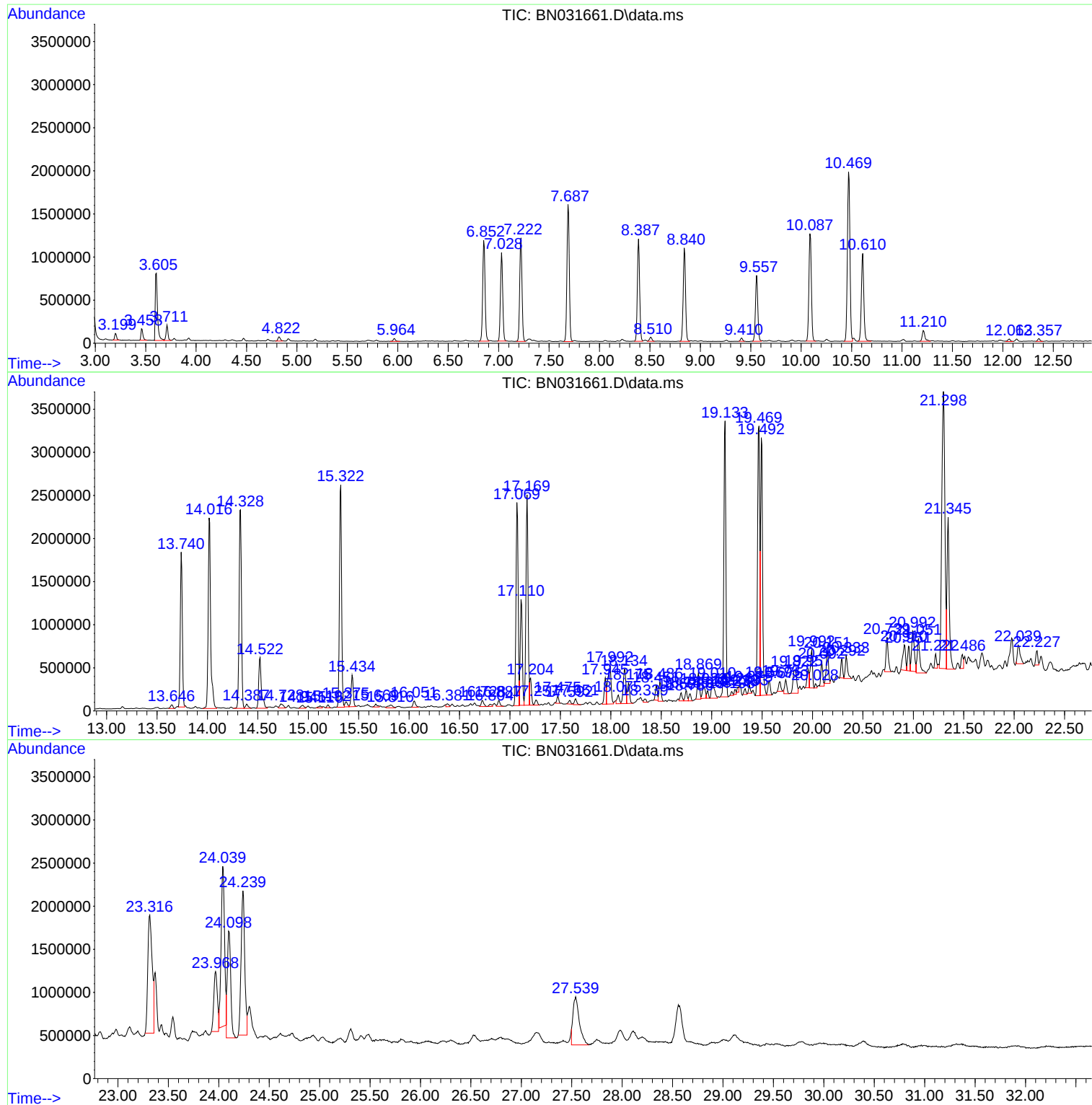
Sum of corrected areas: 104213768

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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



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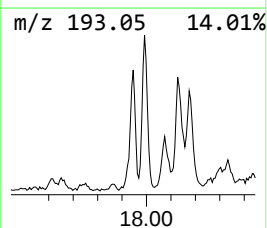
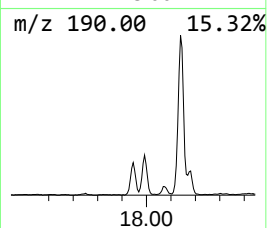
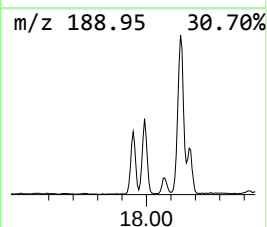
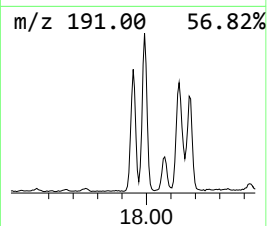
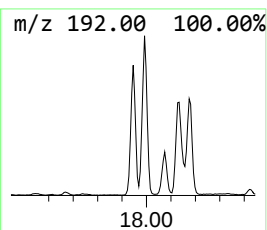
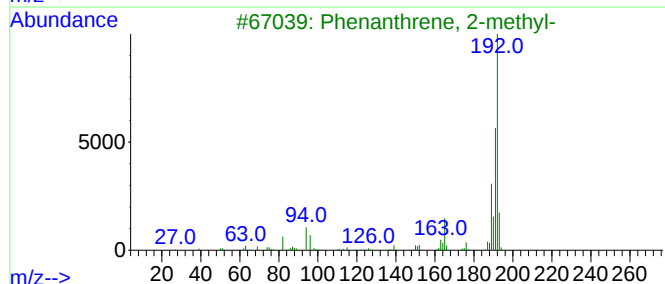
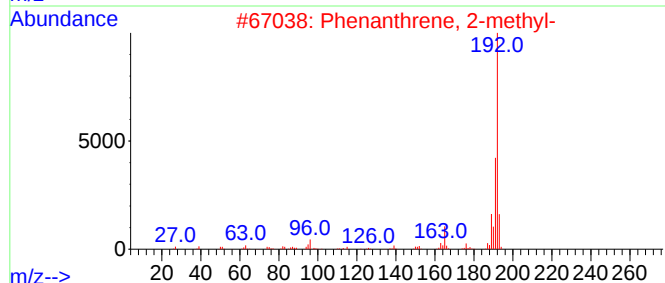
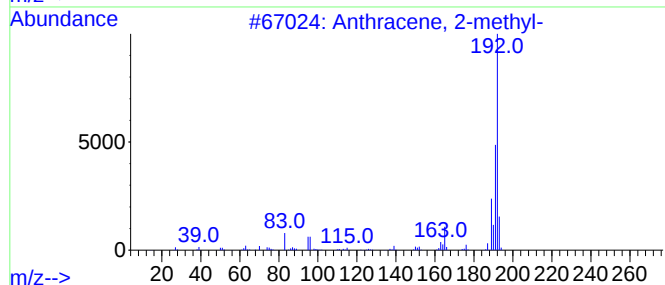
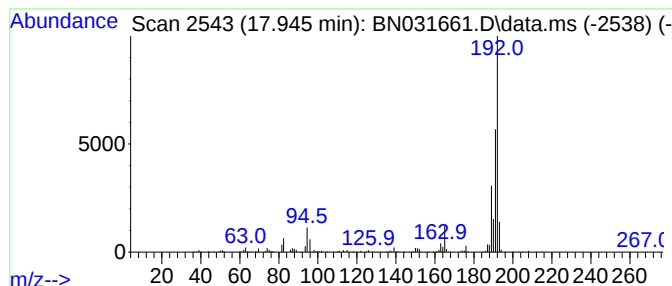
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	2.52 ng/ul	435037	Phenanthrene-d10	17.069

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



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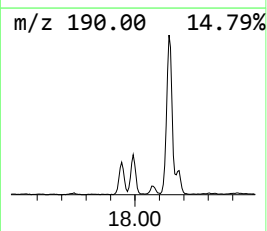
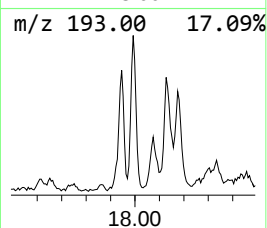
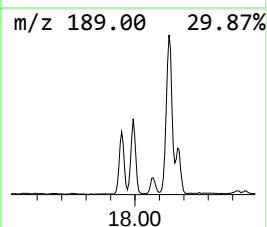
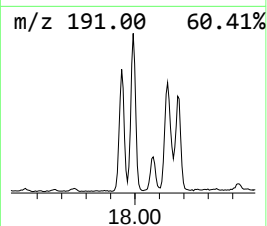
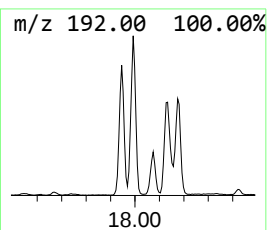
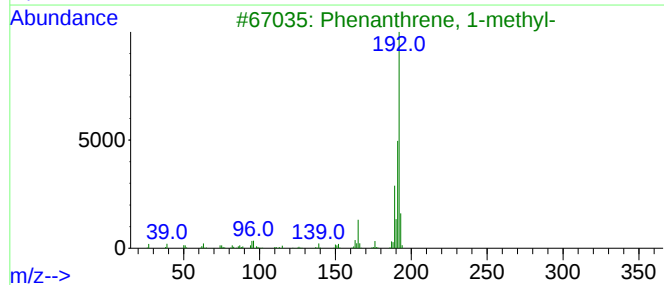
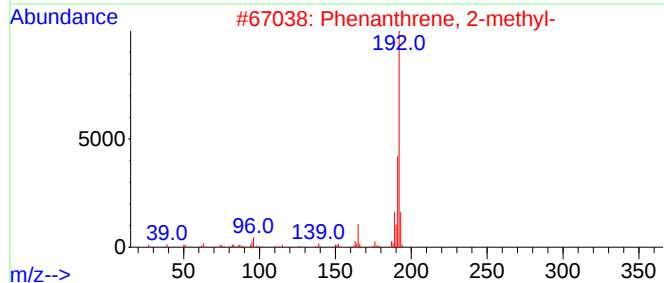
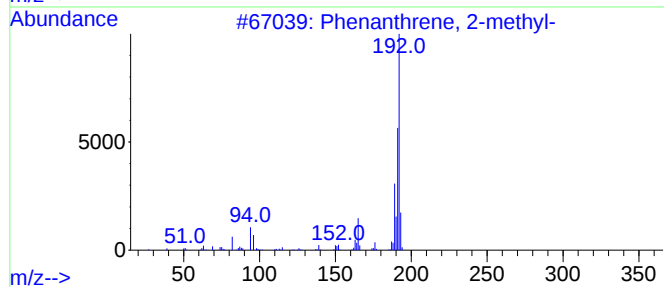
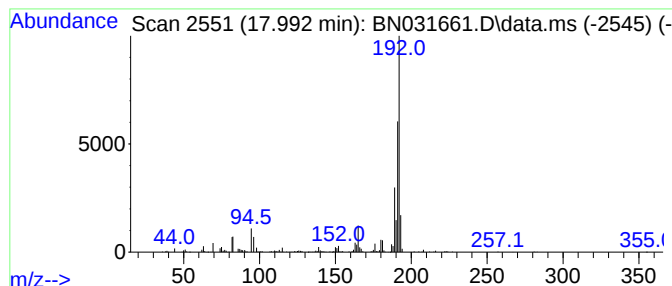
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	5.58 ng/ul	962601	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



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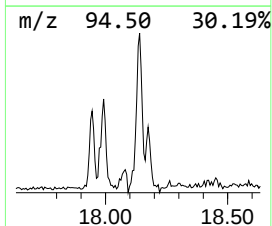
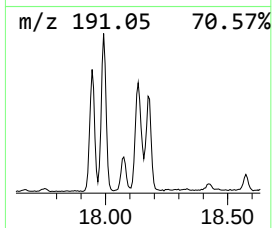
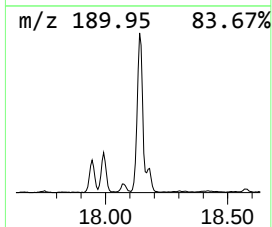
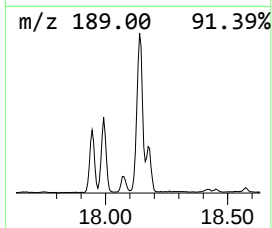
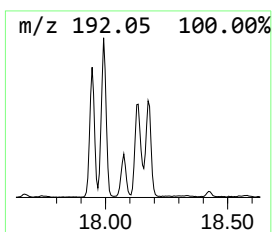
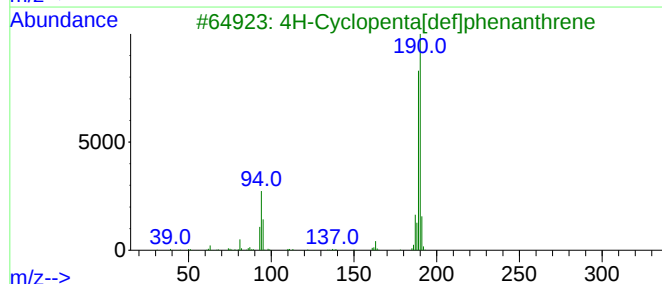
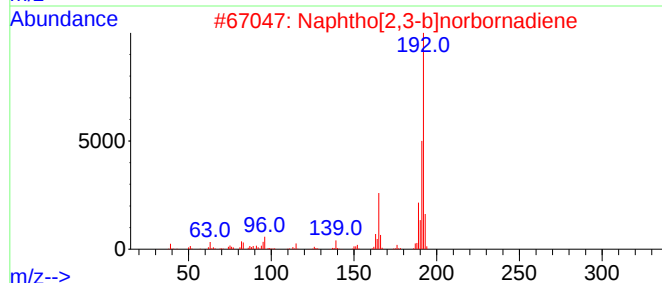
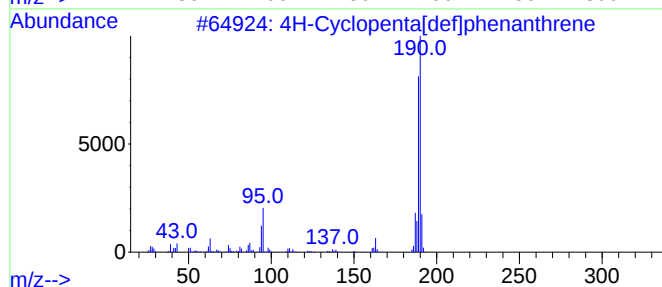
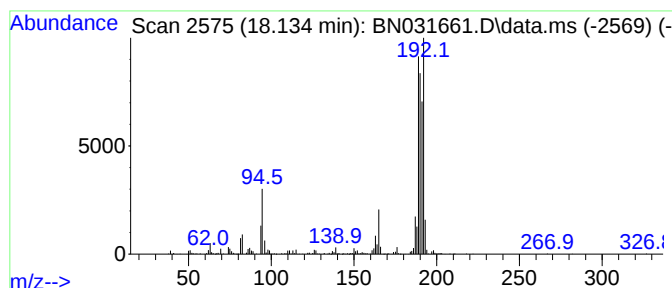
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.134	4.30 ng/ul	741424	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	46
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
4	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	46
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46



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Data File : BN031661.D
Acq On : 24 May 2024 15:00
Operator : MA/JU
Sample : P2548-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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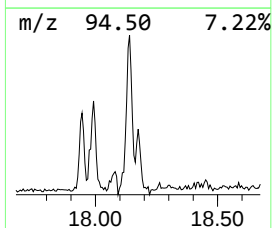
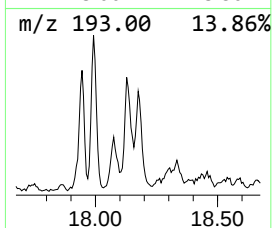
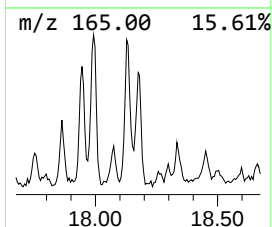
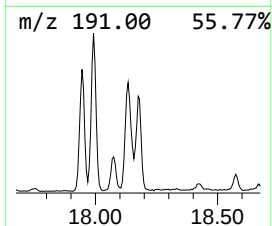
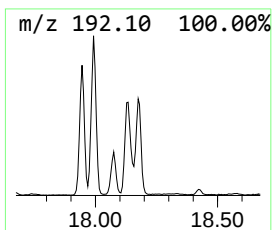
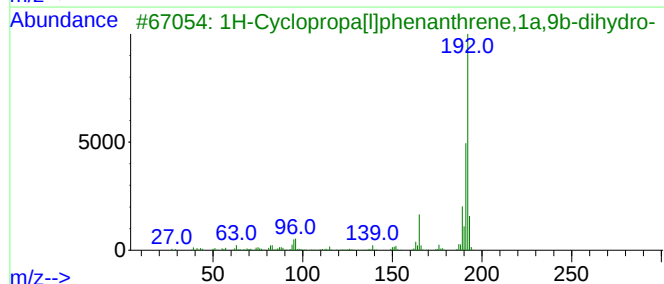
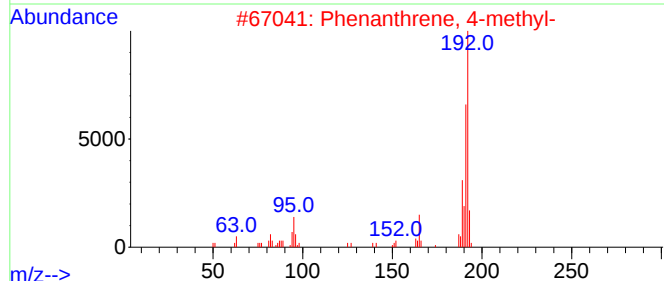
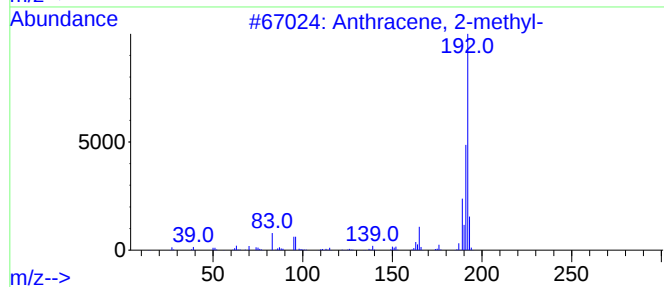
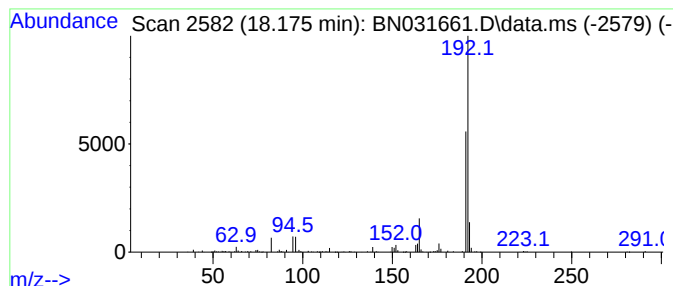
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	2.03 ng/ul	350730	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	91



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Data File : BN031661.D
Acq On : 24 May 2024 15:00
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Sample : P2548-13
Misc :
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Instrument :
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ClientSampleId :
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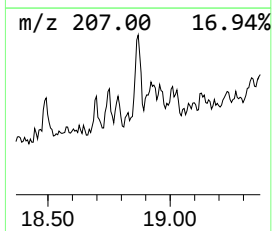
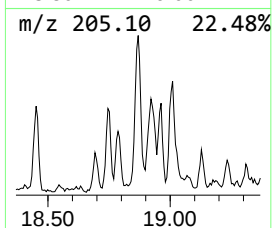
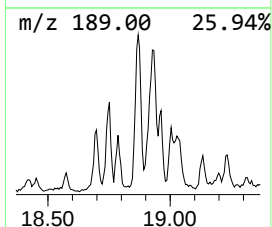
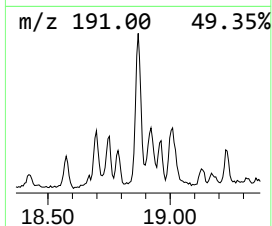
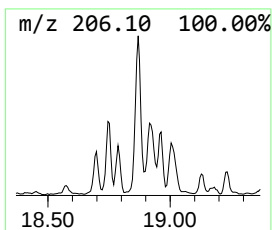
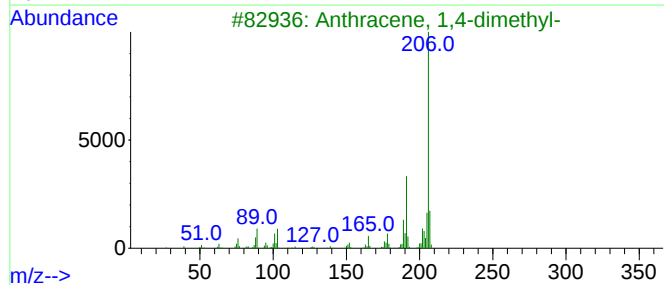
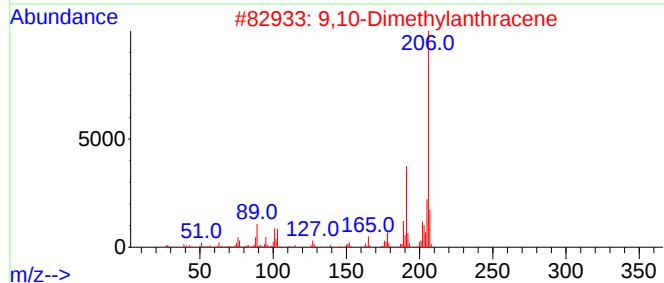
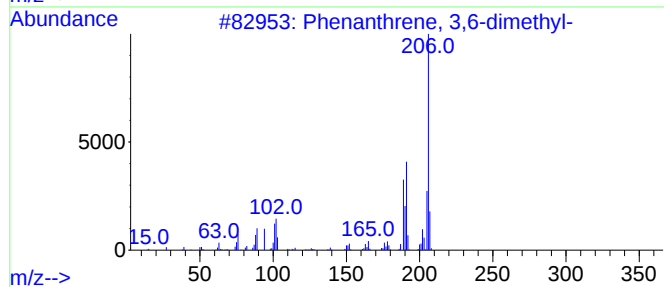
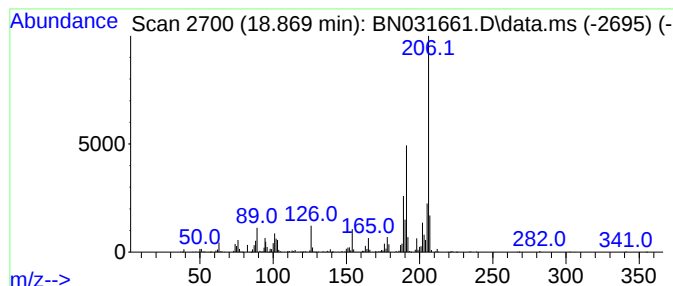
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

Peak Number 5 Phenanthrene, 3,6-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	2.61 ng/ul	450676	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	89
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031661.D
Acq On : 24 May 2024 15:00
Operator : MA/JU
Sample : P2548-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

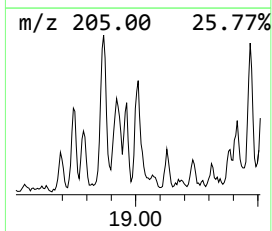
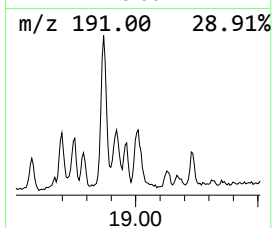
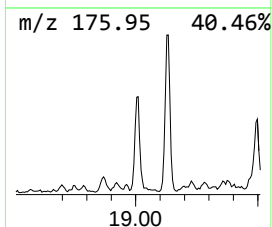
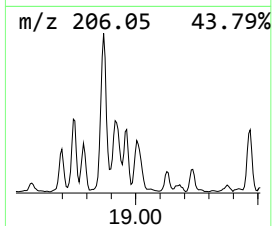
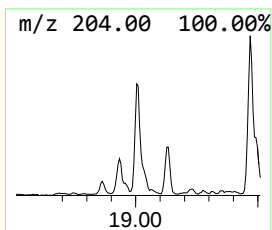
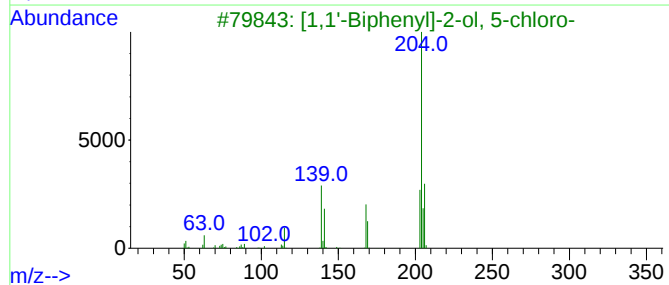
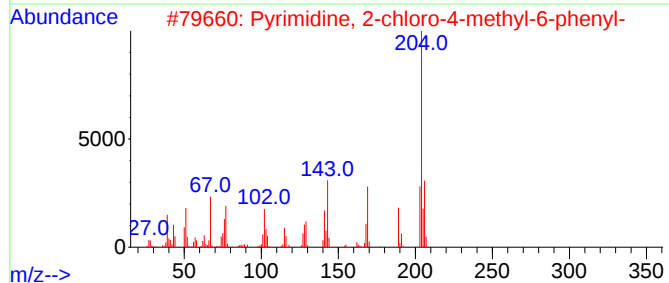
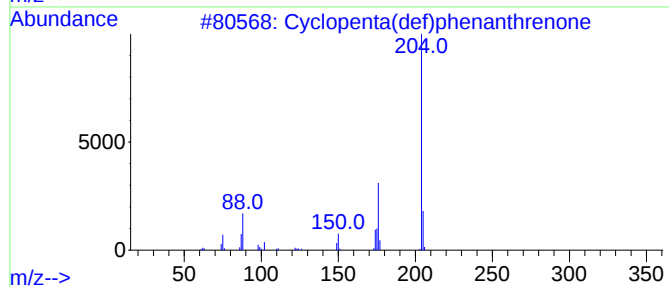
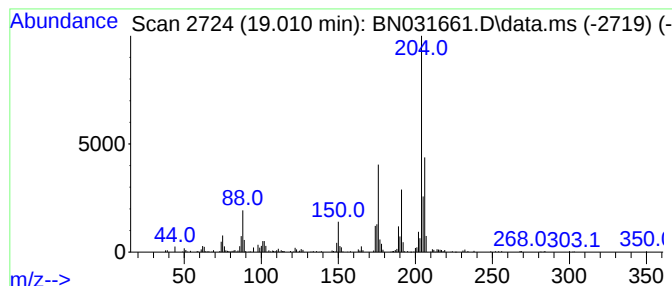
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.010	2.35 ng/ul	406104	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	47
3	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
4	.alpha.-D-Xylopyranose, 4TMS der...	438	C17H42O5Si4	014251-20-8	43
5	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
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Acq On : 24 May 2024 15:00
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Instrument :
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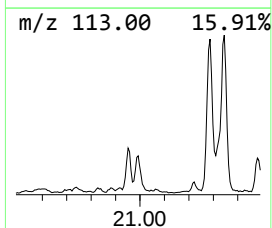
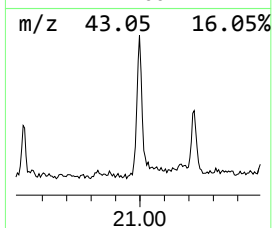
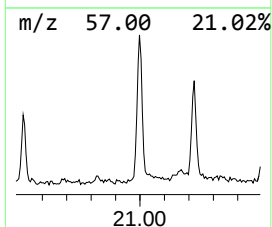
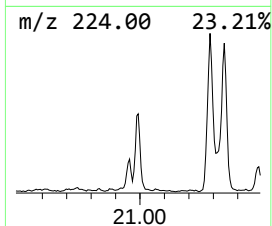
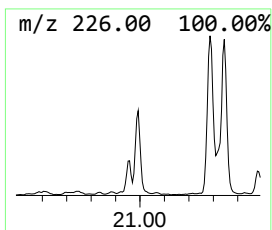
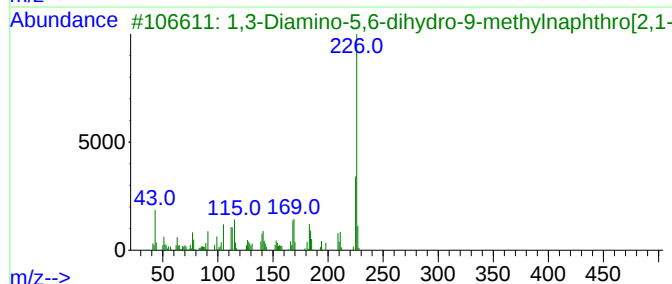
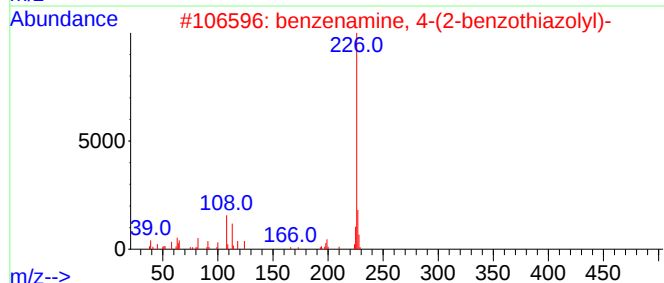
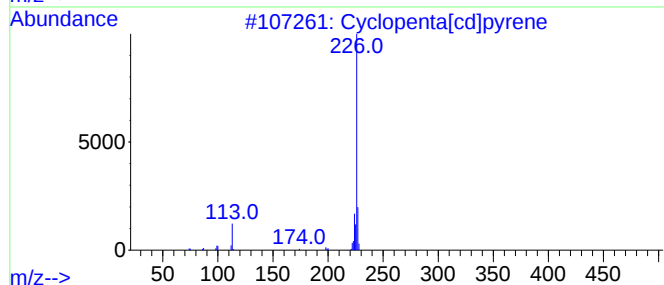
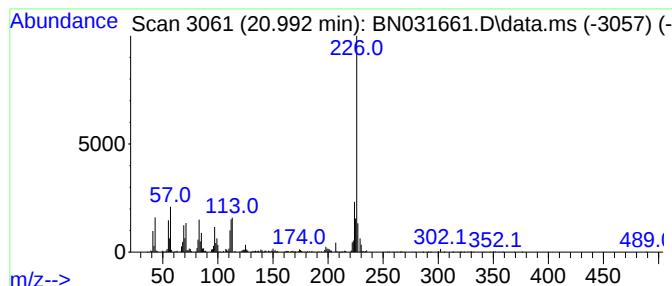
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Cyclopenta[cd]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	2.52 ng/ul	893162	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	60
2			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	52
3			1,3-Diamino-5,6-dihydro-9-methyl...	226	C13H14N4	037436-39-8	50
4			3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	47
5			Anthracene, 1,8-diethynyl-	226	C18H10	078053-58-4	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031661.D
Acq On : 24 May 2024 15:00
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Sample : P2548-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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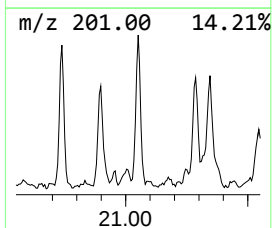
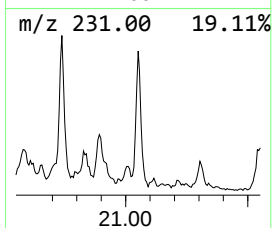
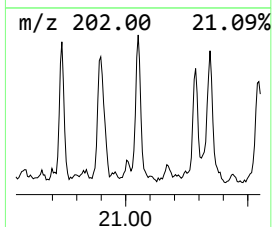
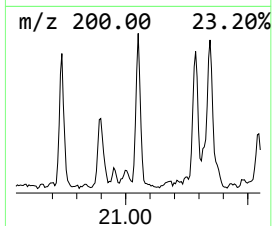
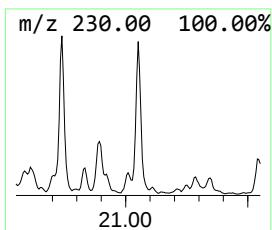
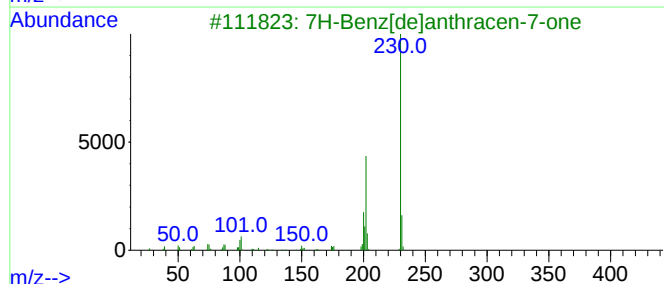
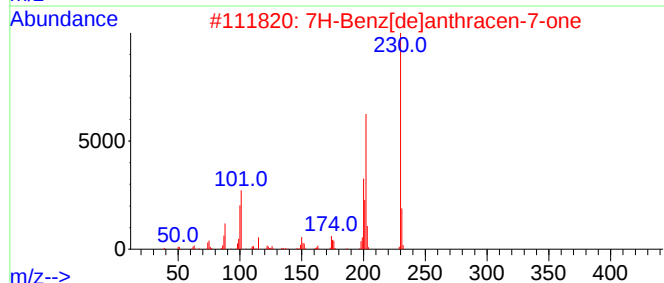
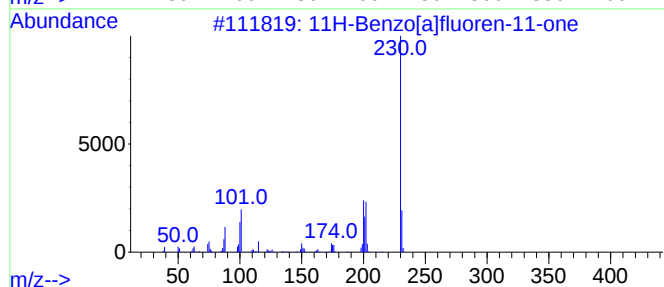
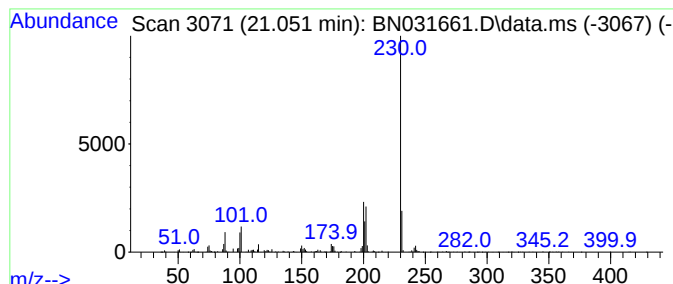
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 11H-Benzo[a]fluoren-11-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.03 ng/ul	719812	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			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
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Acq On : 24 May 2024 15:00
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Misc :
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Instrument :
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ClientSampleId :
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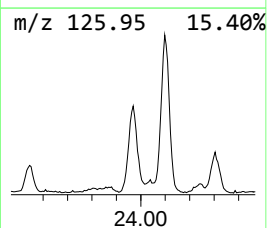
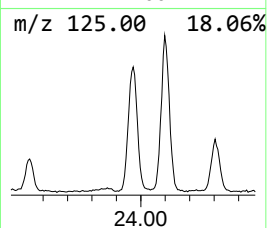
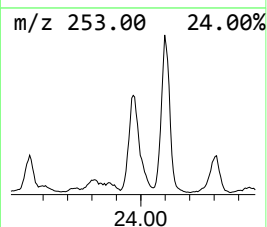
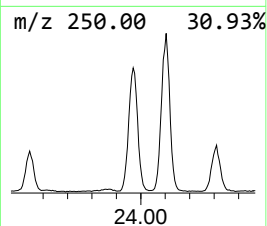
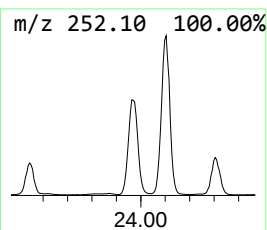
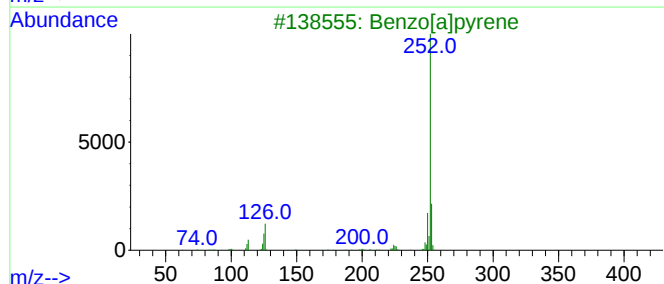
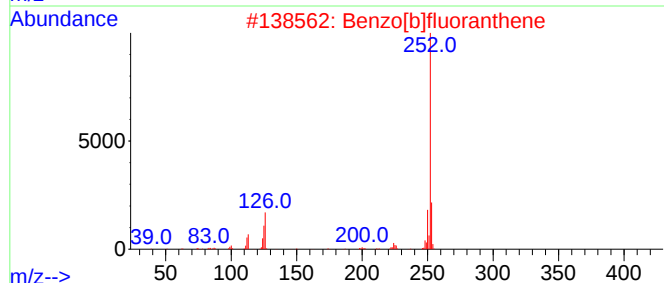
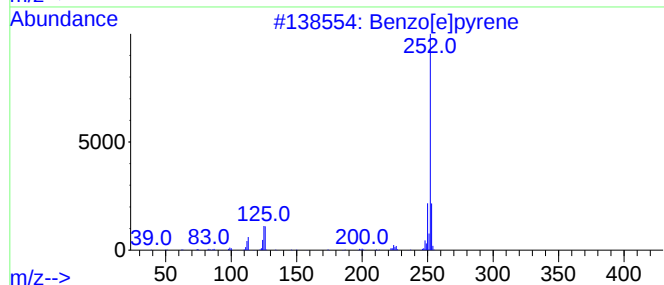
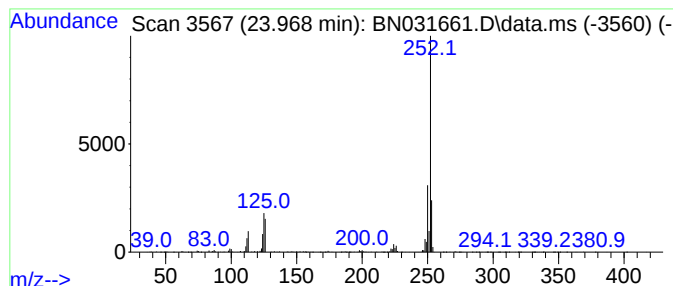
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.968	8.16 ng/ul	1725340	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	95
5			Perylene	252	C20H12	000198-55-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052424\
Data File : BN031661.D
Acq On : 24 May 2024 15:00
Operator : MA/JU
Sample : P2548-13
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.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
Anthracene, 2-m...	17.945	2.5	ng/u1	435037	4	17.069	3452100	20.0
Phenanthrene, 2...	17.992	5.6	ng/u1	962601	4	17.069	3452100	20.0
4H-Cyclopenta[d...	18.134	4.3	ng/u1	741424	4	17.069	3452100	20.0
Phenanthrene, 4...	18.175	2.0	ng/u1	350730	4	17.069	3452100	20.0
Phenanthrene, 3...	18.869	2.6	ng/u1	450676	4	17.069	3452100	20.0
Cyclopenta(def)...	19.010	2.4	ng/u1	406104	4	17.069	3452100	20.0
Cyclopenta[cd]p...	20.992	2.5	ng/u1	893162	5	21.304	7082100	20.0
11H-Benzo[a]flu...	21.051	2.0	ng/u1	719812	5	21.304	7082100	20.0
Benzo[e]pyrene	23.968	8.2	ng/u1	1725340	6	24.239	4230850	20.0