

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031972.D
 Acq On : 13 Jun 2024 11:41
 Operator : MA/JU
 Sample : P2659-03DL 5X
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC26DL

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: BN031972.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.593	100	103	115	rBV	83001	122264	1.96%	0.165%
2	3.687	115	119	127	rVB	85739	116256	1.86%	0.157%
3	4.793	302	307	316	rVB	43313	68143	1.09%	0.092%
4	6.834	643	654	667	rBV	270669	490612	7.86%	0.662%
5	6.999	676	682	692	rVB	242621	394217	6.32%	0.532%
6	7.193	709	715	723	rBV	293827	488208	7.82%	0.658%
7	7.658	784	794	802	rBV	1514273	2399477	38.44%	3.236%
8	8.369	907	915	927	rBV	304854	538876	8.63%	0.727%
9	8.816	983	991	997	rBV	281253	472203	7.57%	0.637%
10	9.381	1082	1087	1102	rVB2	29315	56406	0.90%	0.076%
11	9.534	1106	1113	1124	rBV	207321	376185	6.03%	0.507%
12	10.069	1197	1204	1222	rVB	311224	594317	9.52%	0.801%
13	10.440	1257	1267	1274	rBV	2005422	3521945	56.43%	4.749%
14	10.587	1285	1292	1304	rBV	88204	187885	3.01%	0.253%
15	11.187	1388	1394	1401	rBV	49545	101232	1.62%	0.137%
16	12.328	1582	1588	1596	rVV	34390	59726	0.96%	0.081%
17	13.622	1803	1808	1813	rVV	60077	104276	1.67%	0.141%
18	13.716	1819	1824	1829	rVV	597879	852988	13.67%	1.150%
19	13.757	1829	1831	1840	rVV3	36365	66504	1.07%	0.090%
20	13.857	1840	1848	1851	rVV2	35710	59276	0.95%	0.080%
21	13.993	1864	1871	1875	rBV	685204	1131397	18.13%	1.526%
22	14.304	1914	1924	1930	rBV	2893598	4357289	69.81%	5.876%
23	14.369	1930	1935	1943	rVB	71967	135021	2.16%	0.182%
24	14.528	1954	1962	1970	rBV2	154687	322343	5.16%	0.435%
25	14.704	1983	1992	2000	rBV2	75261	163863	2.63%	0.221%
26	14.781	2000	2005	2009	rVB	43808	62154	1.00%	0.084%
27	14.922	2021	2029	2034	rBV3	50628	107132	1.72%	0.144%
28	15.092	2051	2058	2062	rBV5	34612	77881	1.25%	0.105%
29	15.298	2087	2093	2098	rVV	847184	1241361	19.89%	1.674%
30	15.351	2098	2102	2111	rVB	141463	237826	3.81%	0.321%
31	15.434	2111	2116	2120	rBV	75504	113688	1.82%	0.153%
32	15.563	2134	2138	2147	rVB3	32164	71852	1.15%	0.097%
33	15.651	2147	2153	2159	rBV	68552	120972	1.94%	0.163%
34	15.798	2168	2178	2185	rVB3	59152	145145	2.33%	0.196%
35	16.034	2209	2218	2225	rBV5	91569	205627	3.29%	0.277%
36	16.363	2265	2274	2278	rBV4	67711	152253	2.44%	0.205%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
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37	16.404	2278	2281	2287	rVB2	44761	67533	1.08%	0.091%
38	16.587	2305	2312	2316	rBV2	61554	112995	1.81%	0.152%
39	16.710	2328	2333	2339	rVB2	120895	184707	2.96%	0.249%
40	16.781	2341	2345	2348	rBV	43592	73168	1.17%	0.099%
41	16.869	2356	2360	2368	rVB	119574	201955	3.24%	0.272%
42	17.051	2385	2391	2395	rVV	2861910	4212275	67.49%	5.680%
43	17.092	2395	2398	2404	rVV	2329930	3282560	52.59%	4.426%
44	17.151	2404	2408	2411	rVV	774170	1097400	17.58%	1.480%
45	17.186	2411	2414	2419	rVV	432816	603109	9.66%	0.813%
46	17.245	2419	2424	2429	rVB3	67288	129730	2.08%	0.175%
47	17.328	2434	2438	2442	rVV4	26241	55138	0.88%	0.074%
48	17.363	2442	2444	2450	rVV3	33529	51391	0.82%	0.069%
49	17.463	2453	2461	2473	rVV2	164856	384188	6.16%	0.518%
50	17.575	2473	2480	2486	rVV3	87670	189803	3.04%	0.256%
51	17.634	2486	2490	2498	rVB4	89492	160147	2.57%	0.216%
52	17.775	2510	2514	2518	rVB	31972	51657	0.83%	0.070%
53	17.928	2532	2540	2544	rBV	426322	674741	10.81%	0.910%
54	17.975	2544	2548	2554	rVB	534323	798125	12.79%	1.076%
55	18.057	2558	2562	2567	rVB	114556	150592	2.41%	0.203%
56	18.122	2567	2573	2577	rBV3	545150	983005	15.75%	1.326%
57	18.163	2577	2580	2587	rVB	269842	372376	5.97%	0.502%
58	18.245	2589	2594	2597	rBV5	78448	117684	1.89%	0.159%
59	18.286	2597	2601	2603	rVV2	40961	57528	0.92%	0.078%
60	18.322	2605	2607	2612	rVB3	51766	68659	1.10%	0.093%
61	18.433	2621	2626	2630	rBV	259246	352420	5.65%	0.475%
62	18.481	2630	2634	2640	rVB	262944	366859	5.88%	0.495%
63	18.681	2665	2668	2672	rVV2	95357	142573	2.28%	0.192%
64	18.733	2673	2677	2680	rVV	124262	178912	2.87%	0.241%
65	18.769	2680	2683	2687	rVB	94259	121618	1.95%	0.164%
66	18.851	2692	2697	2702	rBV	271175	478664	7.67%	0.645%
67	18.945	2711	2713	2717	rVB	97511	99311	1.59%	0.134%
68	18.992	2717	2721	2735	rBV3	215762	432460	6.93%	0.583%
69	19.116	2737	2742	2750	rVV	4041994	5694618	91.24%	7.679%
70	19.180	2750	2753	2756	rVV	78467	105195	1.69%	0.142%
71	19.216	2756	2759	2764	rVV	105339	175042	2.80%	0.236%
72	19.269	2764	2768	2772	rVV	167565	230438	3.69%	0.311%
73	19.322	2773	2777	2780	rVV2	89193	157055	2.52%	0.212%
74	19.363	2781	2784	2786	rVV	114757	168717	2.70%	0.228%
75	19.386	2786	2788	2793	rVV2	218019	279043	4.47%	0.376%
76	19.451	2794	2799	2801	rVV2	1114547	1569101	25.14%	2.116%

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 Title : SVOA CALIBRATION

77	19.480	2801	2804	2813	rVV	2841290	4123726	66.07%	5.561%
78	19.557	2813	2817	2822	rVB2	187280	294076	4.71%	0.397%
79	19.663	2831	2835	2841	rVB	155250	218497	3.50%	0.295%
80	19.728	2842	2846	2851	rVB	152935	236837	3.79%	0.319%
81	19.804	2853	2859	2868	rBV4	250194	678205	10.87%	0.915%
82	19.945	2878	2883	2885	rBV4	221456	370785	5.94%	0.500%
83	19.980	2885	2889	2896	rVB	496422	757236	12.13%	1.021%
84	20.080	2902	2906	2910	rBV2	303636	397897	6.38%	0.537%
85	20.139	2911	2916	2920	rVB2	323485	530882	8.51%	0.716%
86	20.280	2937	2940	2944	rVB2	223476	267845	4.29%	0.361%
87	20.322	2945	2947	2952	rVB	198474	255378	4.09%	0.344%
88	20.439	2965	2967	2973	rVB3	151274	173012	2.77%	0.233%
89	20.733	3013	3017	3022	rBV	366441	551301	8.83%	0.743%
90	20.898	3042	3045	3049	rVB3	249082	340145	5.45%	0.459%
91	20.939	3049	3052	3056	rVV	288345	396520	6.35%	0.535%
92	20.980	3056	3059	3065	rVV2	429423	790724	12.67%	1.066%
93	21.045	3067	3070	3082	rVB	416215	696586	11.16%	0.939%
94	21.292	3104	3112	3116	rBV2	2777867	6241428	100.00%	8.416%
95	21.333	3116	3119	3130	rVB	1638310	2460840	39.43%	3.318%
96	22.033	3234	3238	3247	rVB6	220550	463360	7.42%	0.625%
97	23.298	3446	3453	3460	rBV	1278417	3778707	60.54%	5.096%
98	23.951	3561	3564	3570	rVB2	216256	372566	5.97%	0.502%
99	24.086	3581	3587	3597	rVB	655081	1626792	26.06%	2.194%
100	24.221	3602	3610	3620	rBV	1480388	3784554	60.64%	5.103%

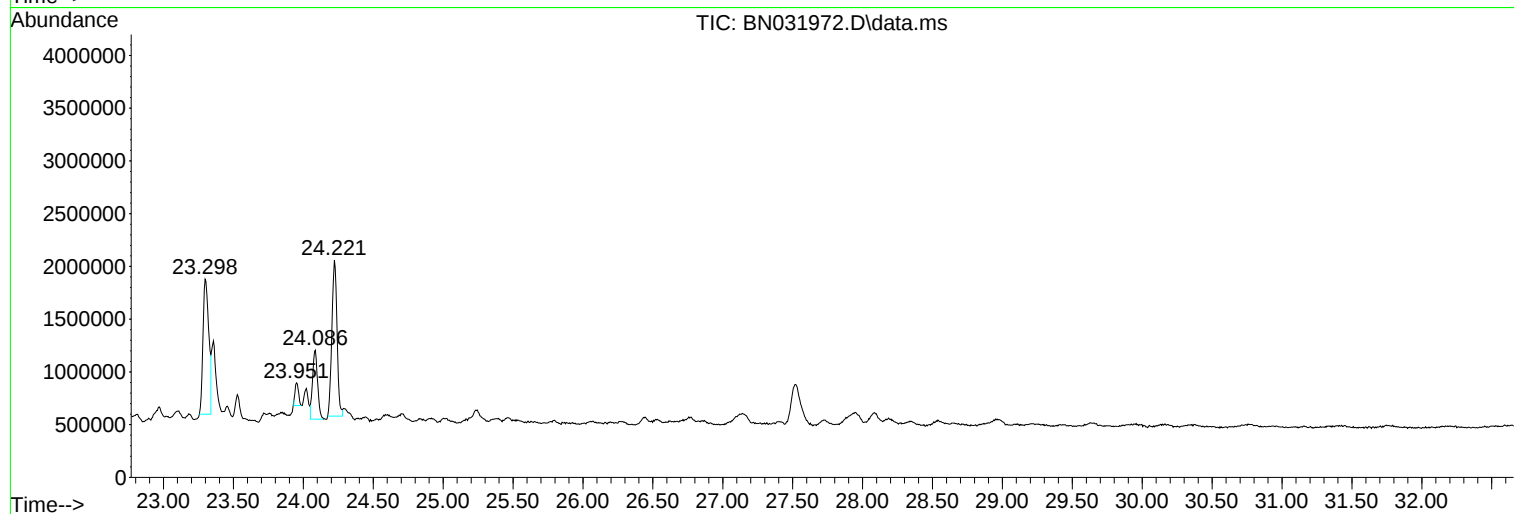
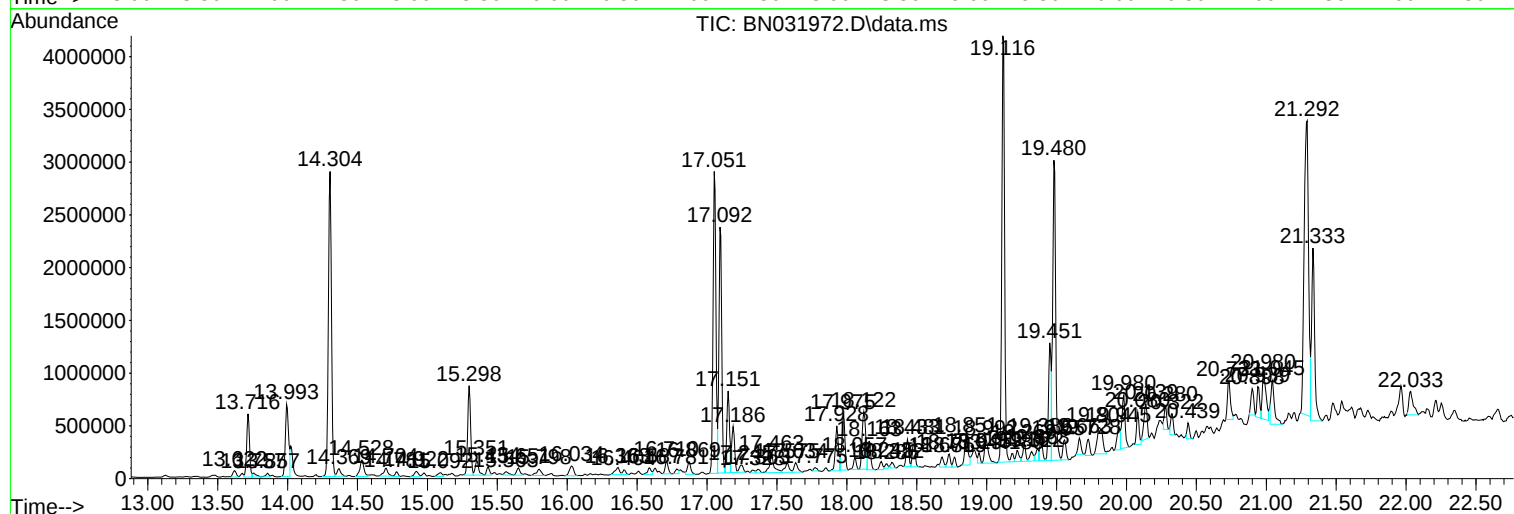
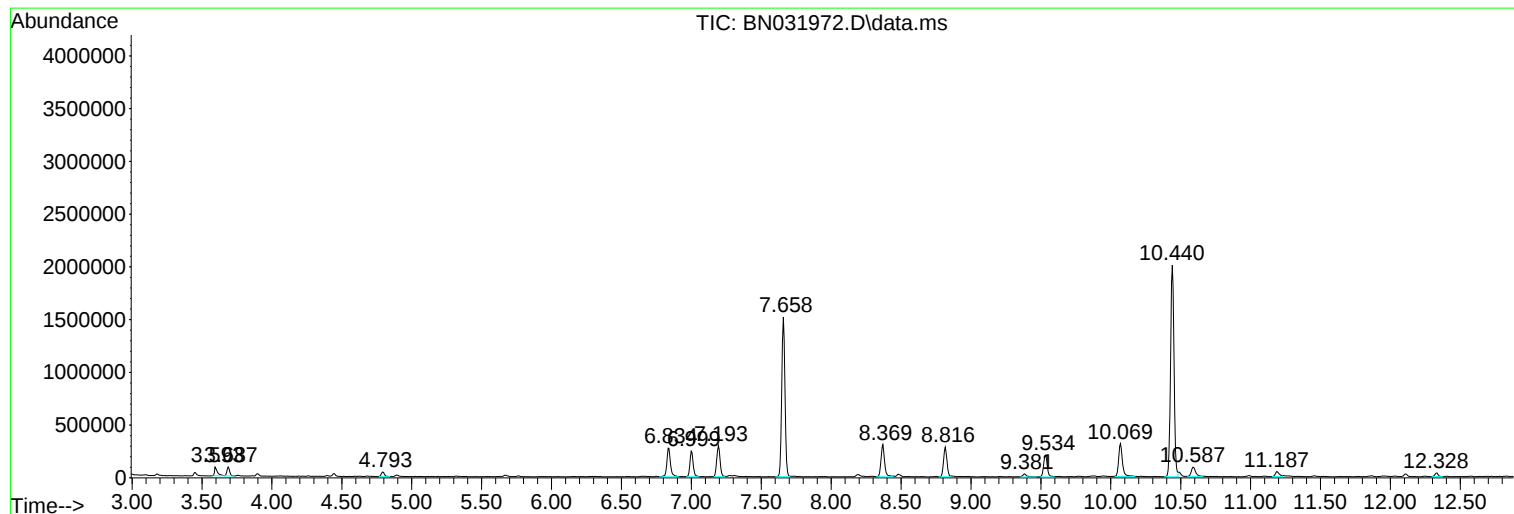
Sum of corrected areas: 74157191

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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



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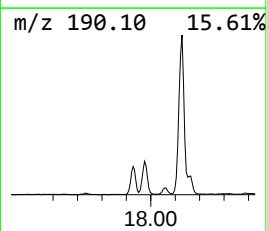
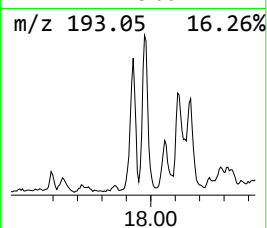
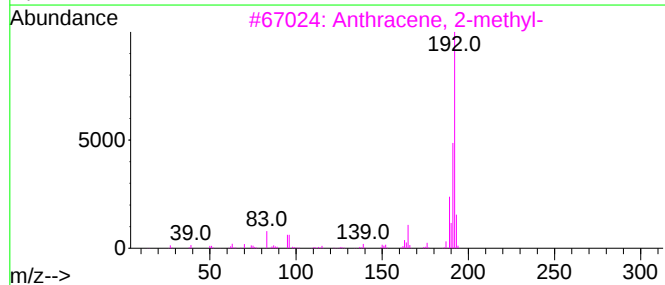
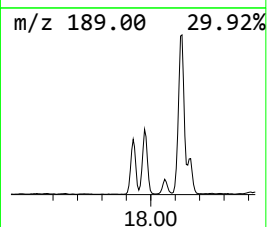
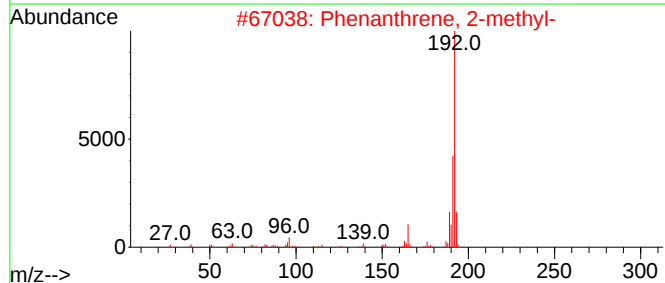
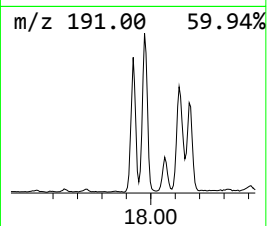
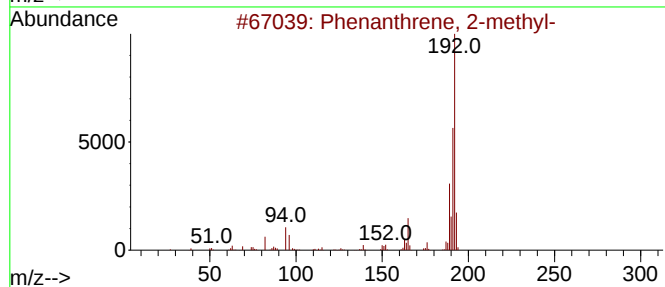
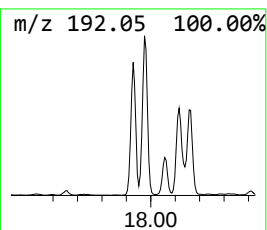
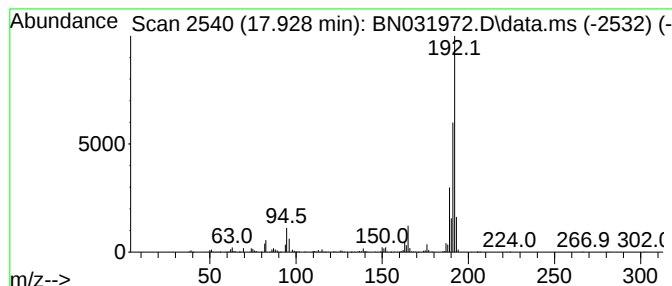
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.928	3.20 ng/ul	674741	Phenanthrene-d10	17.051

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	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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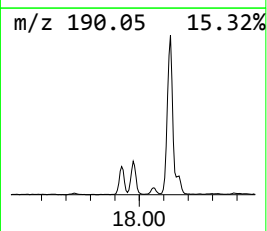
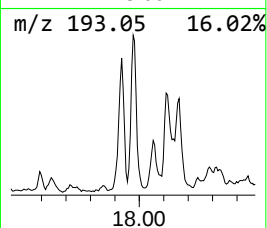
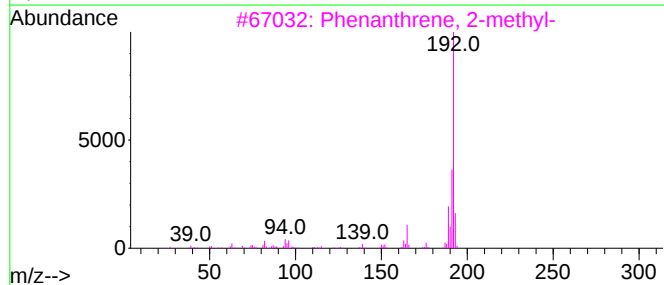
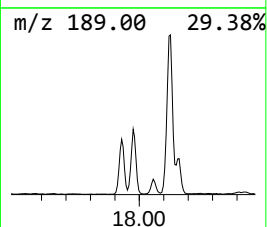
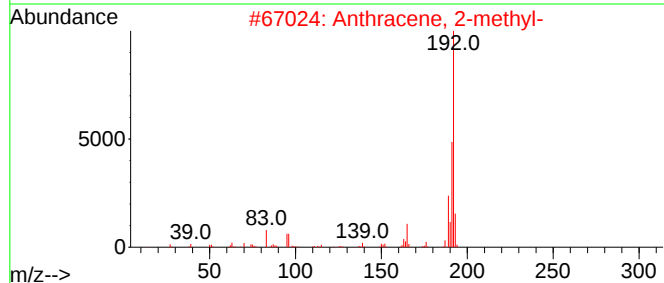
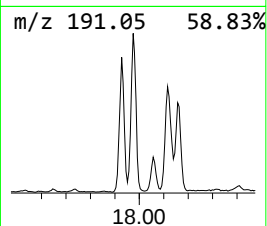
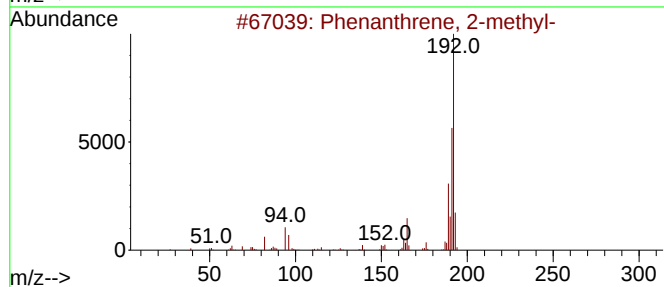
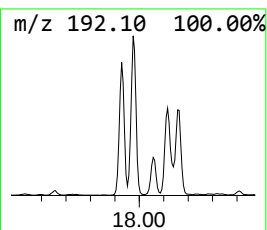
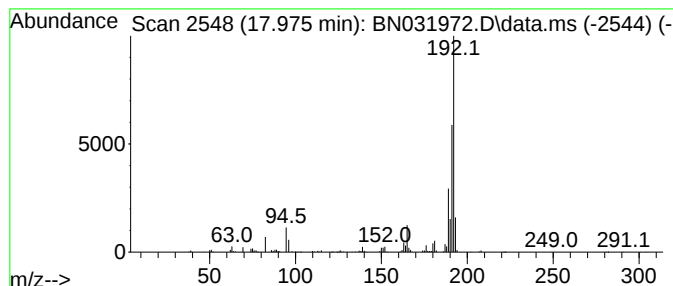
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.975	3.79 ng/ul	798125	Phenanthrene-d10	17.051

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



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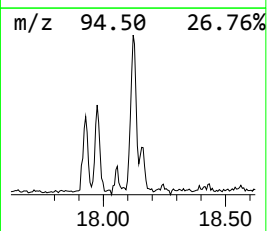
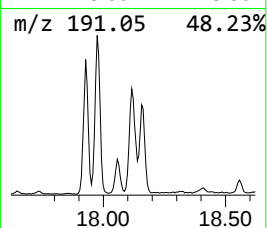
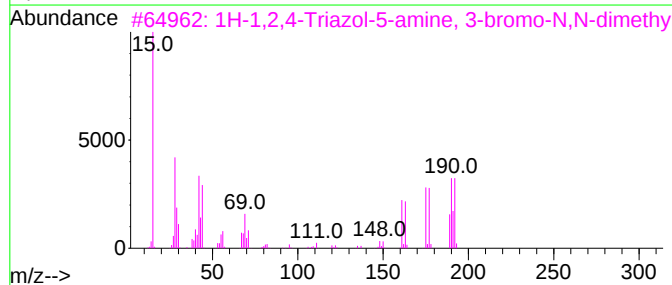
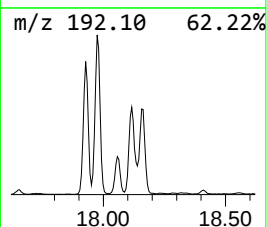
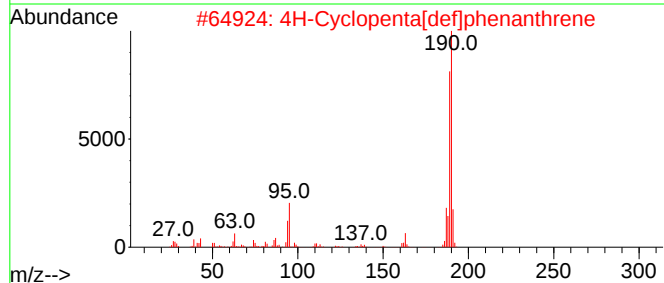
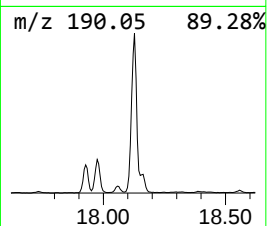
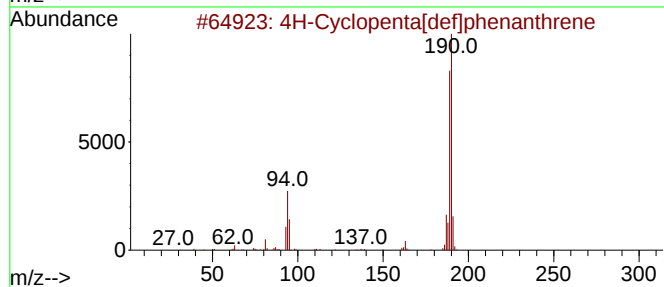
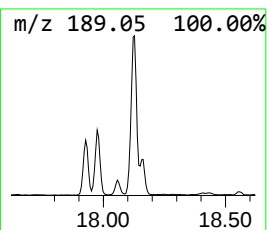
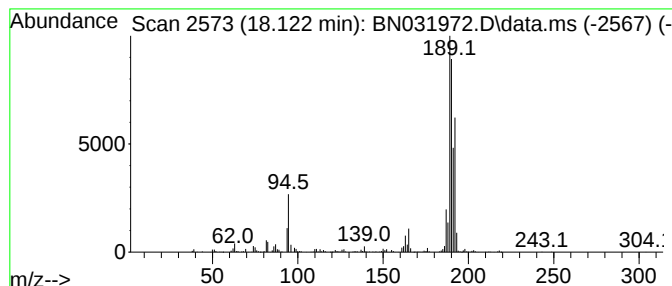
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	4.67 ng/ul	983005	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	47
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	43
5			3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031972.D
Acq On : 13 Jun 2024 11:41
Operator : MA/JU
Sample : P2659-03DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC26DL

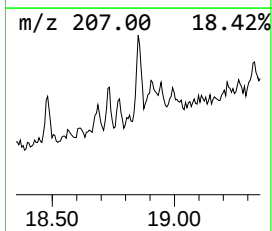
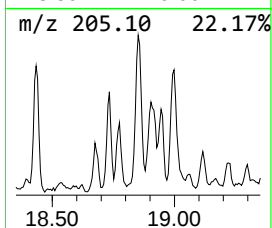
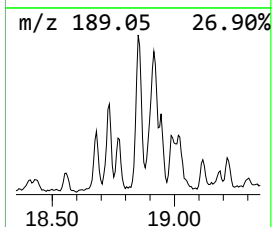
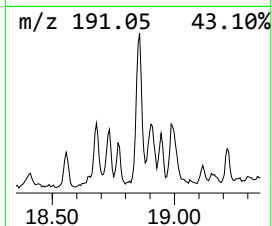
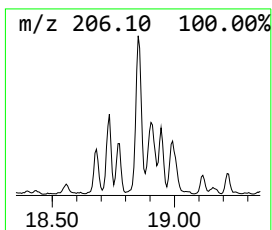
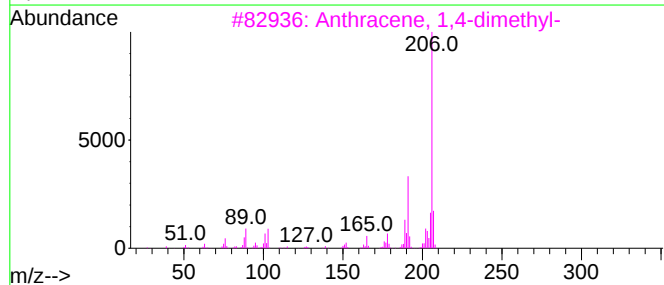
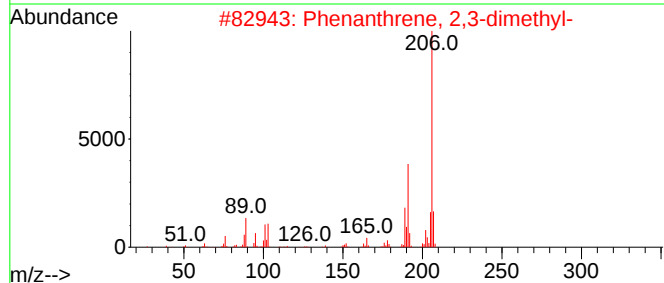
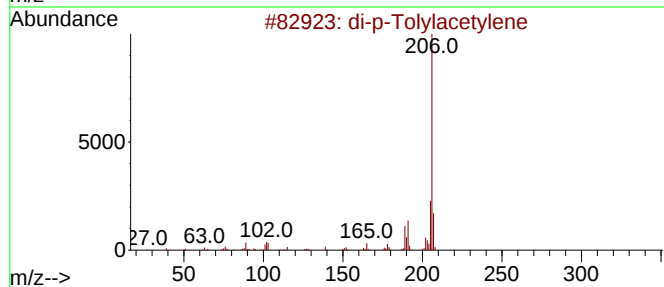
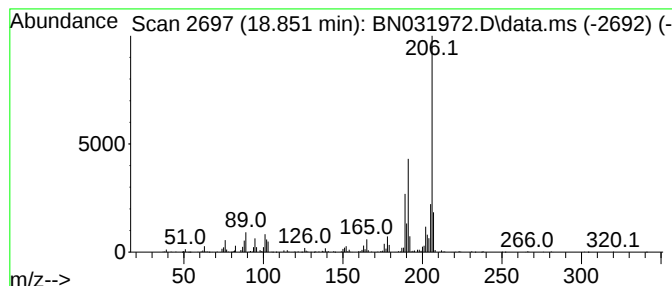
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	2.27 ng/ul	478664	Phenanthrene-d10	17.051

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
3			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031972.D
Acq On : 13 Jun 2024 11:41
Operator : MA/JU
Sample : P2659-03DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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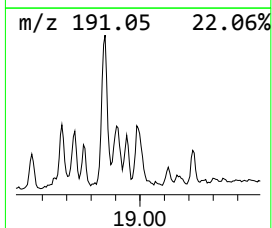
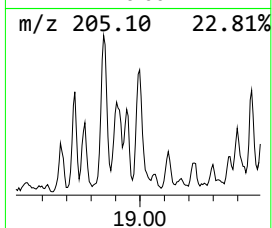
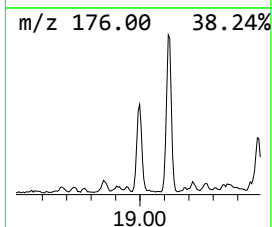
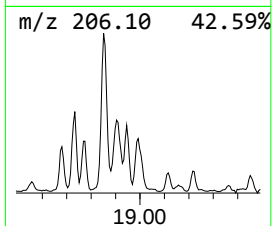
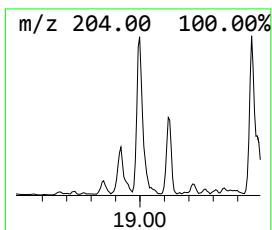
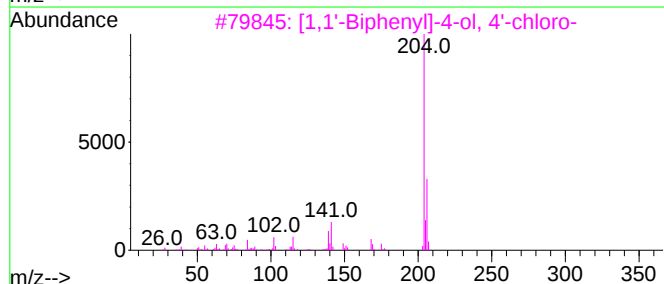
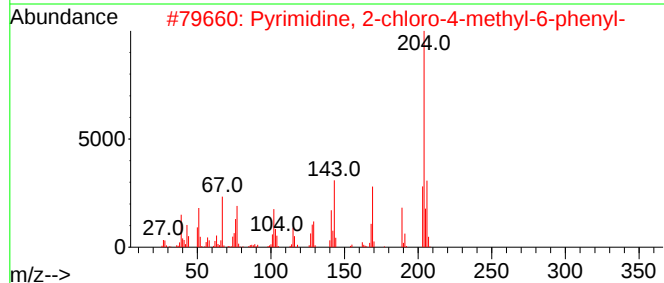
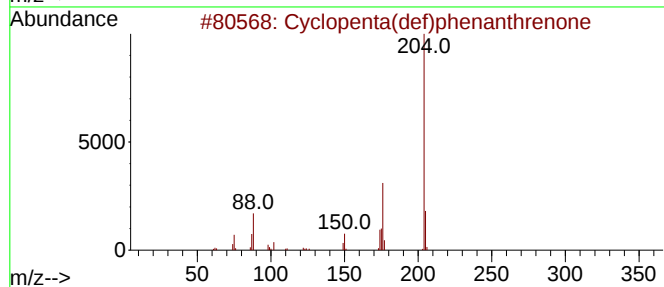
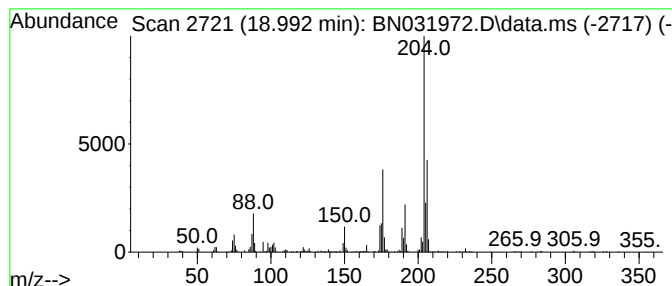
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.992	2.05 ng/ul	432460	Phenanthrene-d10	17.051

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]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	46
4			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	46
5			[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031972.D
Acq On : 13 Jun 2024 11:41
Operator : MA/JU
Sample : P2659-03DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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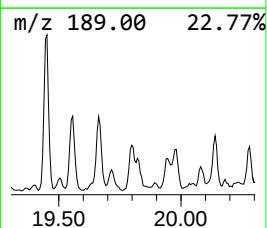
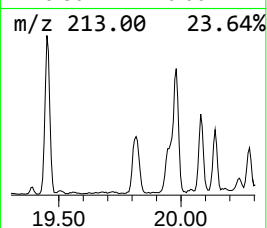
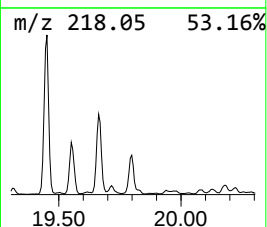
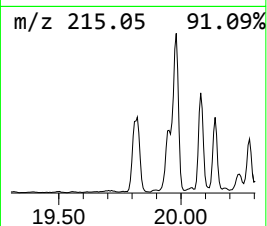
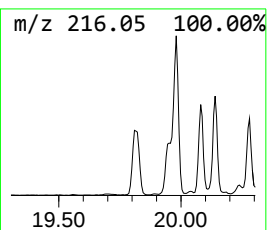
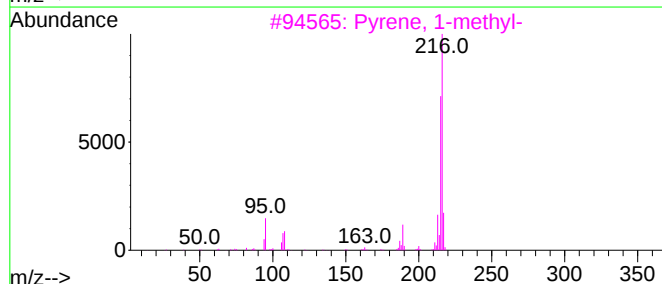
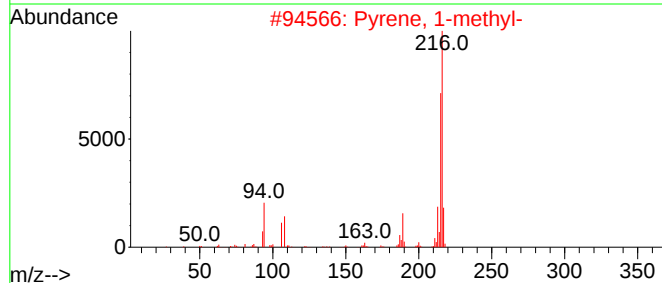
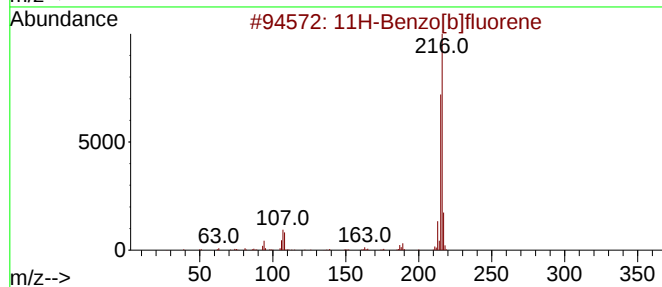
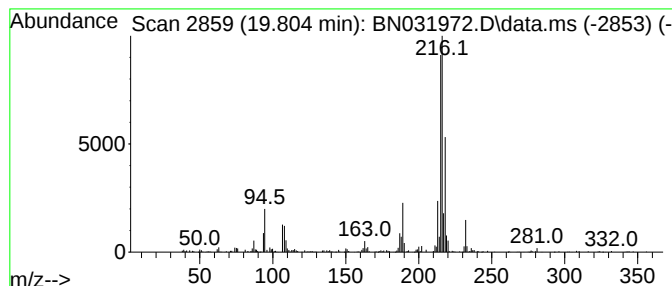
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.804	2.17 ng/ul	678205	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031972.D
Acq On : 13 Jun 2024 11:41
Operator : MA/JU
Sample : P2659-03DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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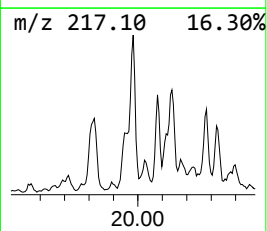
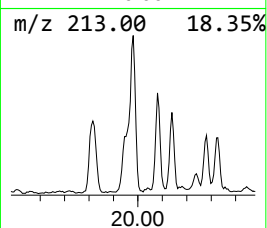
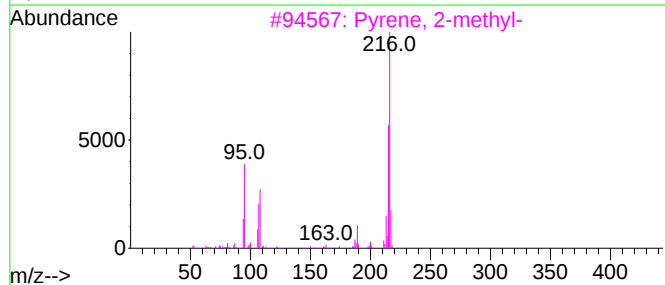
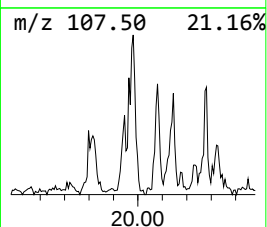
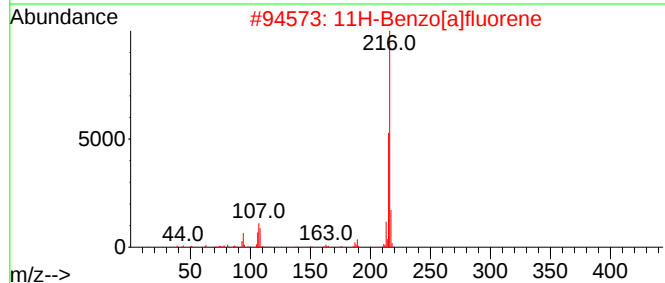
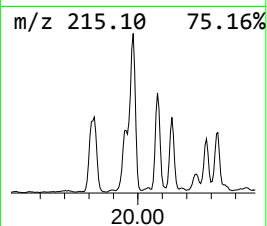
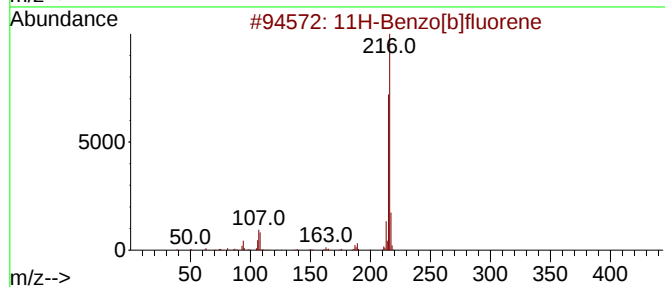
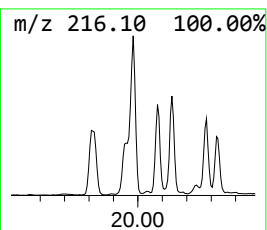
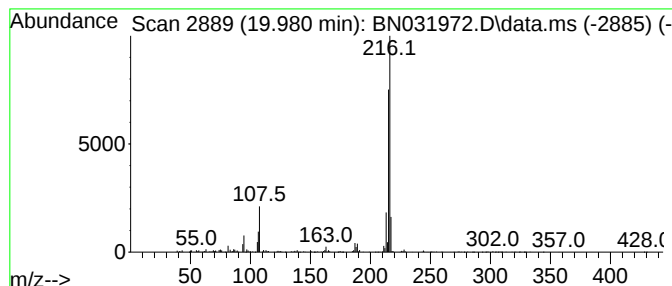
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 11H-Benzo[a]fluorene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	2.43 ng/ul	757236	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031972.D
Acq On : 13 Jun 2024 11:41
Operator : MA/JU
Sample : P2659-03DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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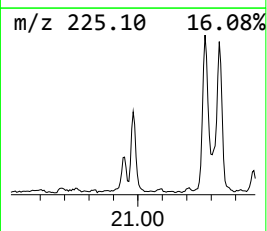
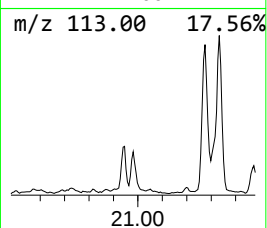
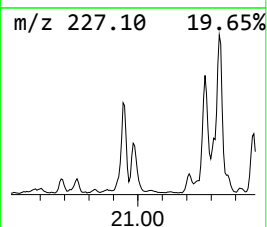
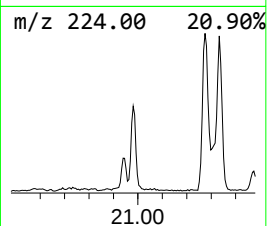
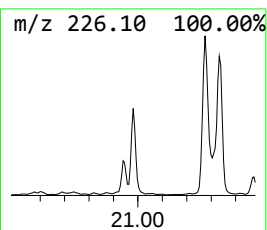
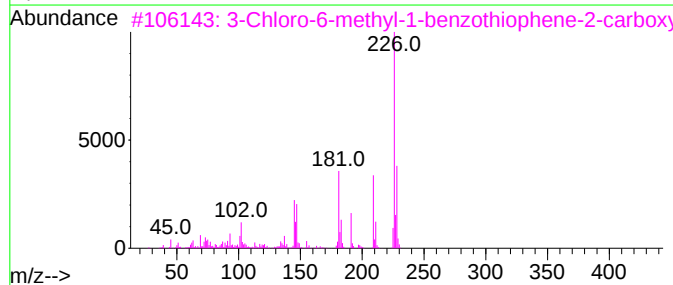
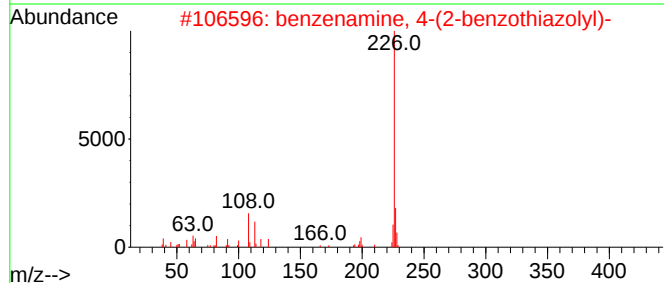
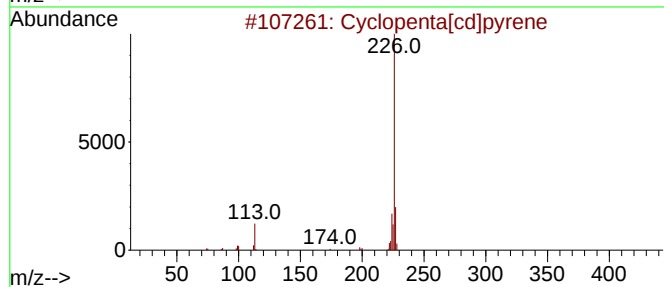
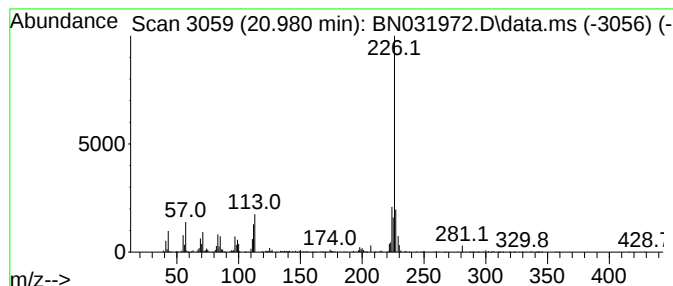
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Cyclopenta[cd]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	2.53 ng/ul	790724	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	59
3			3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	53
4			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
5			4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
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Misc :
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ClientSampleId :
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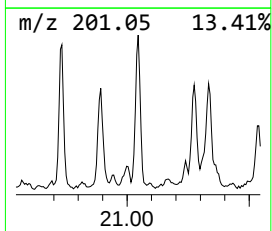
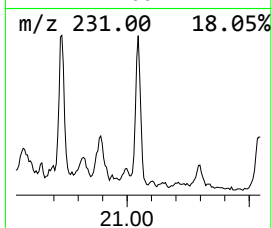
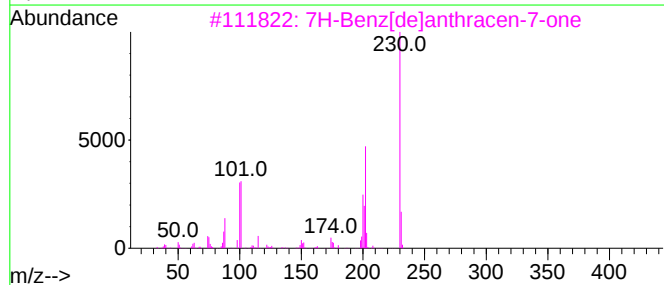
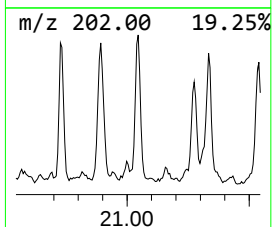
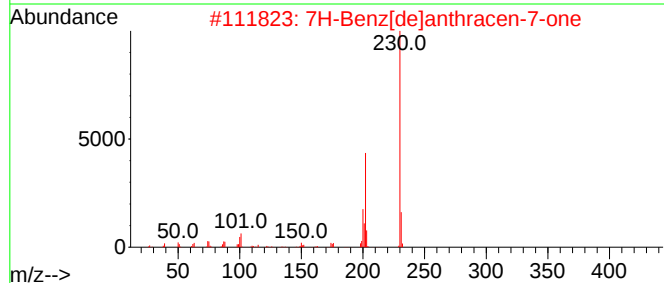
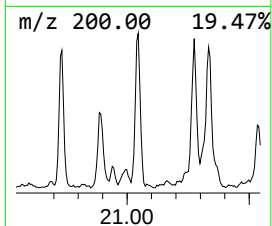
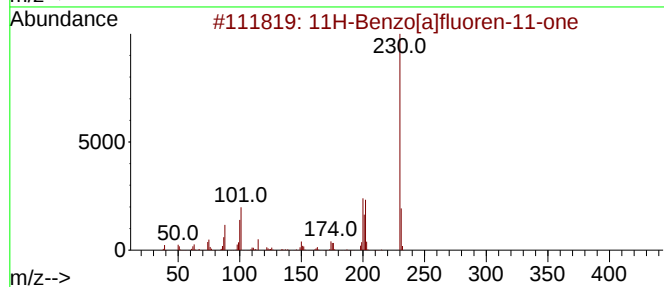
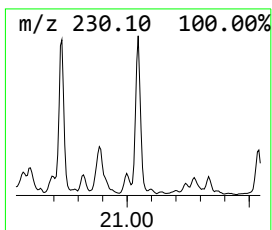
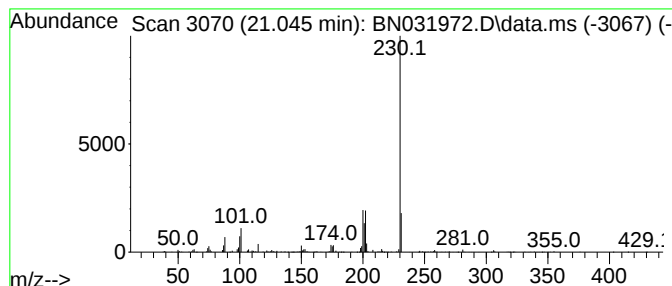
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 11H-Benzo[a]fluoren-11-one Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	2.23 ng/ul	696586	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
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	90
5			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031972.D
Acq On : 13 Jun 2024 11:41
Operator : MA/JU
Sample : P2659-03DL 5X
Misc :
ALS Vial : 31 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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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
Phenanthrene, 2...	17.928	3.2	ng/u1	674741	4	17.051	4212280	20.0
Anthracene, 2-m...	17.975	3.8	ng/u1	798125	4	17.051	4212280	20.0
4H-Cyclopenta[d...	18.122	4.7	ng/u1	983005	4	17.051	4212280	20.0
di-p-Tolylacety...	18.851	2.3	ng/u1	478664	4	17.051	4212280	20.0
Cyclopenta(def)...	18.992	2.0	ng/u1	432460	4	17.051	4212280	20.0
11H-Benzo[b]flu...	19.804	2.2	ng/u1	678205	5	21.292	6241430	20.0
11H-Benzo[a]flu...	19.980	2.4	ng/u1	757236	5	21.292	6241430	20.0
Cyclopenta[cd]p...	20.980	2.5	ng/u1	790724	5	21.292	6241430	20.0
11H-Benzo[a]flu...	21.045	2.2	ng/u1	696586	5	21.292	6241430	20.0