

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031637.D
 Acq On : 23 May 2024 18:14
 Operator : MA/JU
 Sample : P2547-11
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5W8

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: BN031637.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.464	77	81	92	rVB	128820	178142	1.78%	0.129%
2	3.605	102	105	119	rBV	429173	635326	6.35%	0.459%
3	3.711	119	123	131	rVV	157210	221427	2.21%	0.160%
4	6.852	648	657	667	rBV	705681	1163323	11.63%	0.841%
5	7.028	679	687	699	rBV	658735	1050143	10.50%	0.759%
6	7.222	711	720	727	rBV	759518	1199996	12.00%	0.867%
7	7.293	727	732	745	rVB2	68660	138516	1.39%	0.100%
8	7.693	792	800	807	rBV	1694017	2689633	26.89%	1.944%
9	8.387	911	918	926	rVV	680284	1089096	10.89%	0.787%
10	8.840	989	995	1004	rBV	667112	1132629	11.33%	0.819%
11	9.558	1110	1117	1124	rBV	441928	750289	7.50%	0.542%
12	10.093	1199	1208	1217	rVB	800699	1347000	13.47%	0.974%
13	10.252	1228	1235	1247	rBV	105974	183983	1.84%	0.133%
14	10.475	1265	1273	1279	rBV	2203561	3773766	37.73%	2.728%
15	10.522	1279	1281	1288	rVV	111838	150260	1.50%	0.109%
16	10.610	1288	1296	1308	rVV	548370	969605	9.69%	0.701%
17	11.210	1389	1398	1410	rBV	153522	299738	3.00%	0.217%
18	13.646	1805	1812	1817	rBV	77750	133808	1.34%	0.097%
19	13.740	1823	1828	1839	rVB	1253263	1796537	17.96%	1.299%
20	14.016	1865	1875	1890	rBV2	1570878	2571583	25.71%	1.859%
21	14.328	1919	1928	1934	rBV	2835694	4167779	41.67%	3.013%
22	14.393	1934	1939	1946	rVV	398440	606261	6.06%	0.438%
23	14.522	1955	1961	1973	rVV4	284166	665225	6.65%	0.481%
24	14.728	1990	1996	2004	rVV	233017	386433	3.86%	0.279%
25	15.322	2090	2097	2102	rVV	1891475	2714044	27.14%	1.962%
26	15.375	2102	2106	2111	rVV	352455	532314	5.32%	0.385%
27	15.434	2111	2116	2120	rVV	248917	370467	3.70%	0.268%
28	15.669	2152	2156	2166	rVB	127433	213111	2.13%	0.154%
29	15.816	2176	2181	2189	rVV	128206	248885	2.49%	0.180%
30	16.051	2212	2221	2228	rBV5	75075	134205	1.34%	0.097%
31	16.381	2274	2277	2282	rVV2	87837	149028	1.49%	0.108%
32	16.610	2307	2316	2319	rBV3	72190	149109	1.49%	0.108%
33	16.645	2319	2322	2326	rVV2	75090	121809	1.22%	0.088%
34	16.728	2330	2336	2343	rVB	240760	398599	3.99%	0.288%
35	16.828	2343	2353	2359	rBV3	120610	344065	3.44%	0.249%
36	16.892	2359	2364	2373	rVB	250344	383849	3.84%	0.277%

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Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
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37	17.069	2388	2394	2398	rBV	2555894	3956410	39.56%	2.860%
38	17.116	2398	2402	2407	rVV	5199386	7278854	72.78%	5.261%
39	17.169	2407	2411	2415	rVV2	1731998	2679341	26.79%	1.937%
40	17.204	2415	2417	2423	rVV	908246	1033579	10.33%	0.747%
41	17.257	2423	2426	2432	rVB3	94944	157546	1.58%	0.114%
42	17.475	2453	2463	2468	rBV2	500197	863730	8.64%	0.624%
43	17.592	2479	2483	2489	rBV2	91928	143612	1.44%	0.104%
44	17.651	2489	2493	2501	rVB2	86698	134148	1.34%	0.097%
45	17.945	2534	2543	2546	rBV	577688	857808	8.58%	0.620%
46	17.992	2546	2551	2557	rVB	806350	1291226	12.91%	0.933%
47	18.075	2558	2565	2570	rBV2	190718	313015	3.13%	0.226%
48	18.139	2570	2576	2580	rBV2	728147	1347671	13.48%	0.974%
49	18.175	2580	2582	2590	rVB	377385	478169	4.78%	0.346%
50	18.451	2624	2629	2632	rVV	428865	589065	5.89%	0.426%
51	18.486	2632	2635	2641	rVB	490957	634608	6.35%	0.459%
52	18.698	2667	2671	2675	rBV	148865	197262	1.97%	0.143%
53	18.745	2675	2679	2682	rVV	124361	161804	1.62%	0.117%
54	18.786	2682	2686	2690	rVB2	124611	164573	1.65%	0.119%
55	18.869	2695	2700	2705	rVV	325812	520984	5.21%	0.377%
56	18.928	2705	2710	2713	rVV4	173678	356957	3.57%	0.258%
57	18.963	2713	2716	2719	rVV	111176	138941	1.39%	0.100%
58	19.004	2719	2723	2732	rVB	330998	574419	5.74%	0.415%
59	19.134	2739	2745	2751	rVB	7365630	10001125	100.00%	7.229%
60	19.328	2773	2778	2781	rBV3	111436	198348	1.98%	0.143%
61	19.375	2782	2786	2790	rVB	200936	283633	2.84%	0.205%
62	19.463	2796	2801	2803	rBV2	2928370	3943264	39.43%	2.850%
63	19.498	2803	2807	2814	rVV	6134277	8596377	85.95%	6.214%
64	19.569	2814	2819	2823	rVV2	270857	387428	3.87%	0.280%
65	19.610	2823	2826	2831	rVB	142678	169753	1.70%	0.123%
66	19.675	2833	2837	2842	rVB	336242	439534	4.39%	0.318%
67	19.733	2843	2847	2853	rVB	247430	383051	3.83%	0.277%
68	19.828	2855	2863	2868	rBV3	373718	961909	9.62%	0.695%
69	19.957	2880	2885	2887	rBV4	276346	474251	4.74%	0.343%
70	19.992	2887	2891	2895	rVB	632561	937274	9.37%	0.677%
71	20.092	2904	2908	2911	rBV	341583	420603	4.21%	0.304%
72	20.151	2911	2918	2922	rVV2	541023	967163	9.67%	0.699%
73	20.186	2922	2924	2928	rVV	169122	205955	2.06%	0.149%
74	20.233	2928	2932	2937	rVV4	123679	204877	2.05%	0.148%
75	20.286	2938	2941	2945	rVV	297569	384936	3.85%	0.278%
76	20.333	2945	2949	2954	rVV2	307819	465640	4.66%	0.337%

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 Title : SVOA CALIBRATION

77	20.404	2958	2961	2965	rBV	117161	128327	1.28%	0.093%
78	20.739	3014	3018	3025	rVB	696854	978193	9.78%	0.707%
79	20.910	3040	3047	3051	rBV2	552695	1097730	10.98%	0.793%
80	20.951	3051	3054	3058	rVV	526566	796639	7.97%	0.576%
81	20.992	3058	3061	3066	rVV2	569314	1123726	11.24%	0.812%
82	21.051	3066	3071	3083	rVB2	696830	1233778	12.34%	0.892%
83	21.222	3096	3100	3103	rBV	462170	562359	5.62%	0.406%
84	21.286	3106	3111	3117	rVV3	4200683	9286262	92.85%	6.712%
85	21.345	3117	3121	3133	rVB	2871572	4672858	46.72%	3.378%
86	21.480	3141	3144	3152	rBV	274806	486127	4.86%	0.351%
87	21.680	3172	3178	3183	rBV2	344530	695692	6.96%	0.503%
88	21.975	3225	3228	3234	rVB	424193	649277	6.49%	0.469%
89	22.039	3236	3239	3247	rVB2	278724	476634	4.77%	0.345%
90	22.222	3267	3270	3274	rBV	195906	275338	2.75%	0.199%
91	22.269	3275	3278	3286	rVB3	212004	379720	3.80%	0.274%
92	23.310	3447	3455	3462	rBV2	2173448	6554108	65.53%	4.738%
93	23.539	3490	3494	3503	rVB	353631	718756	7.19%	0.520%
94	23.963	3560	3566	3572	rBV	1190662	2740359	27.40%	1.981%
95	24.033	3573	3578	3583	rVV2	1002457	2406147	24.06%	1.739%
96	24.098	3583	3589	3603	rVB	1855611	4645097	46.45%	3.358%
97	24.239	3605	3613	3620	rBV	1644826	4116927	41.16%	2.976%
98	24.304	3620	3624	3638	rVB3	557729	1530699	15.31%	1.106%
99	27.539	4163	4174	4194	rVB2	833290	3782078	37.82%	2.734%
100	28.562	4337	4348	4362	rVB2	660923	2648825	26.49%	1.915%

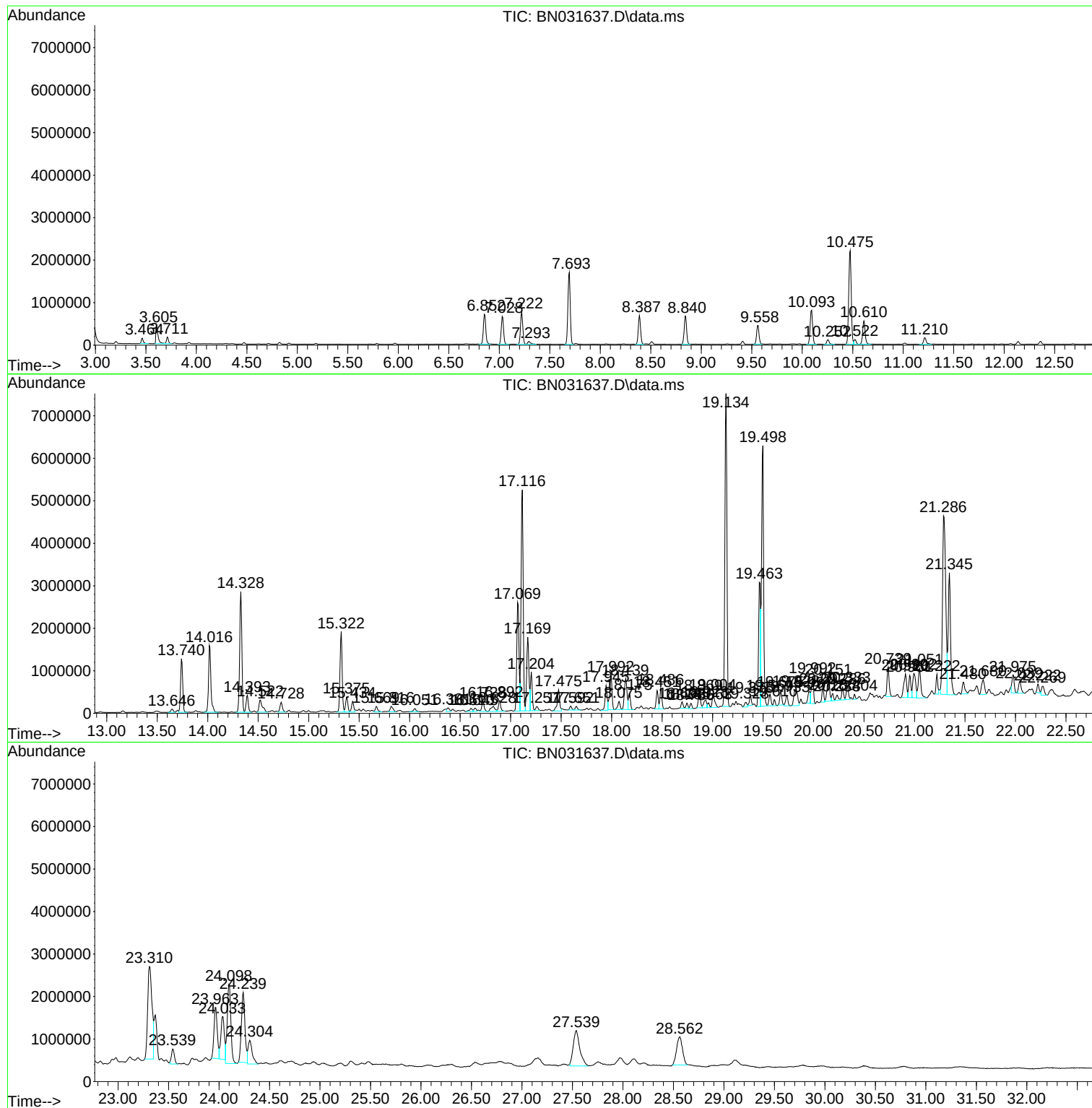
Sum of corrected areas: 138344482

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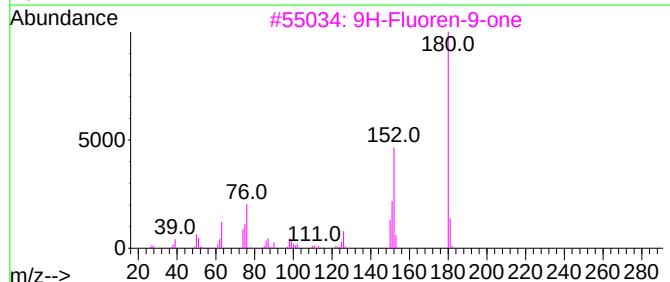
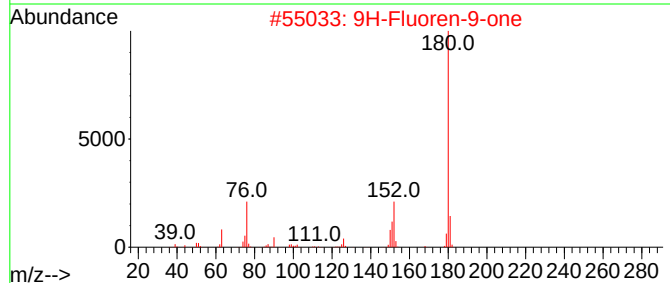
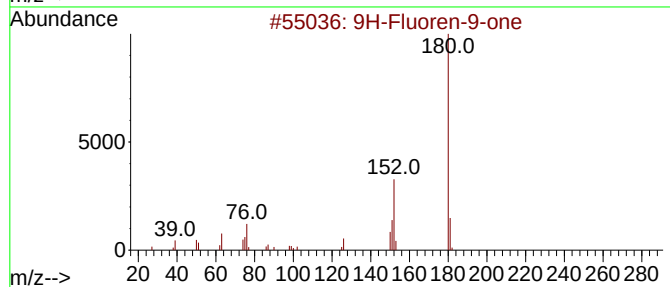
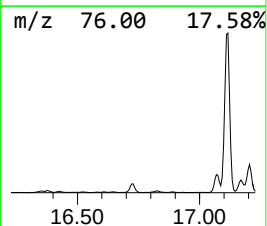
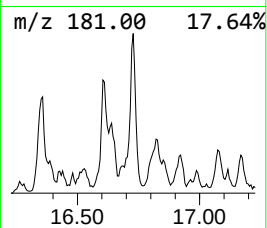
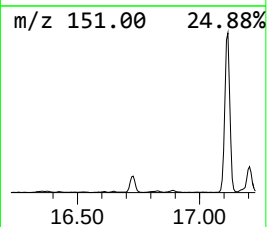
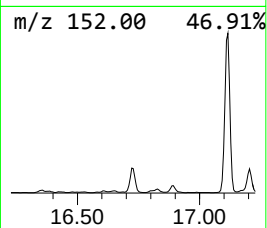
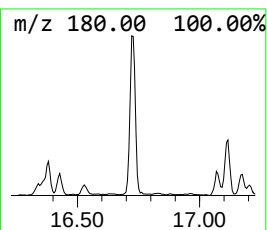
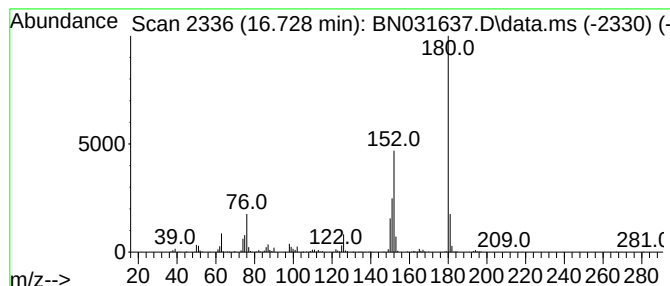
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 9H-Fluoren-9-one Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	2.01 ng/ul	398599	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91
5	Benzo[h]cinnoline			180	C12H8N2	000230-31-9	91



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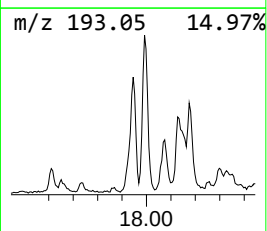
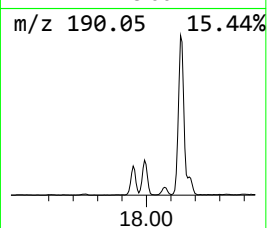
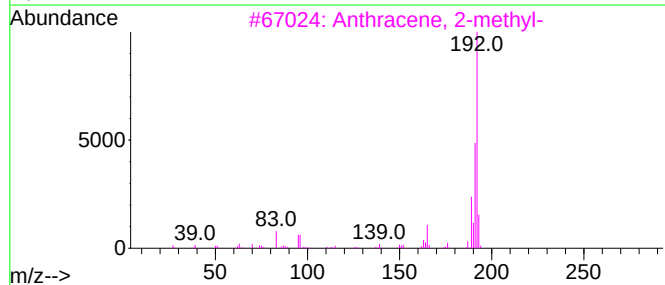
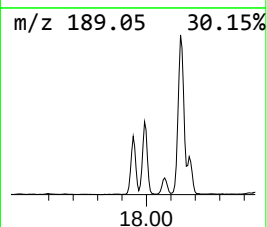
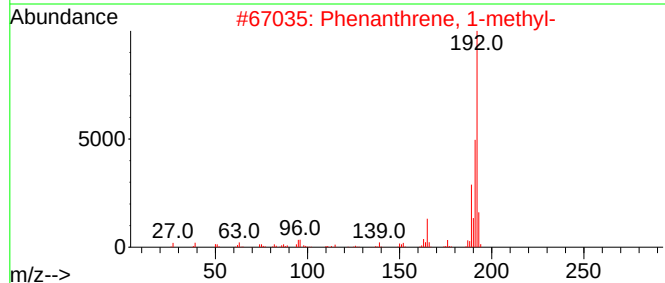
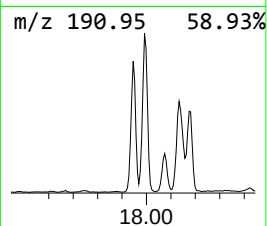
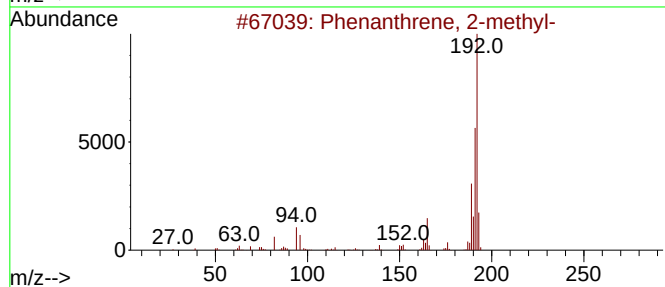
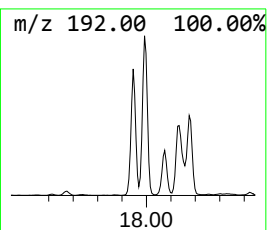
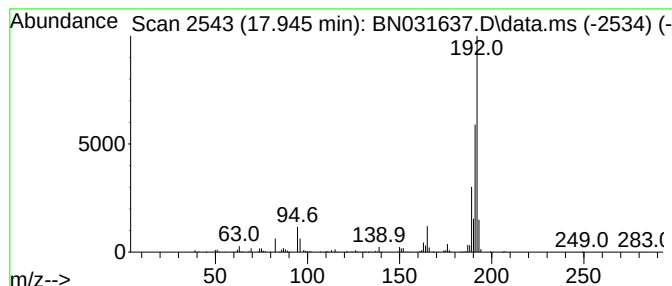
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	4.34 ng/ul	857808	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, 1-methyl-	192	C15H12	000832-69-9	97
3		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95



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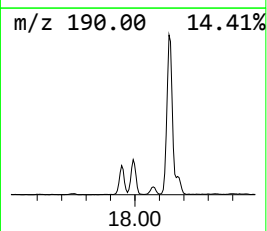
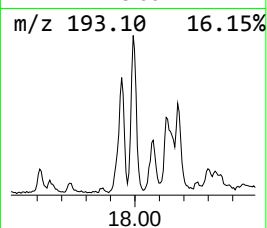
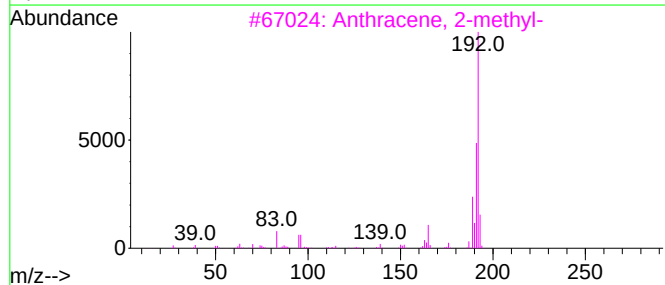
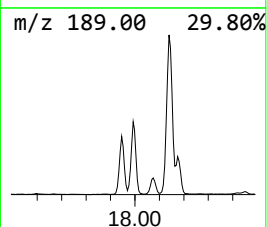
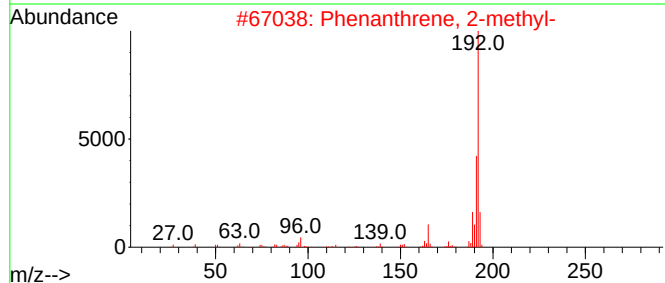
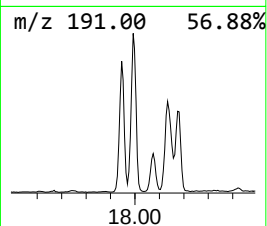
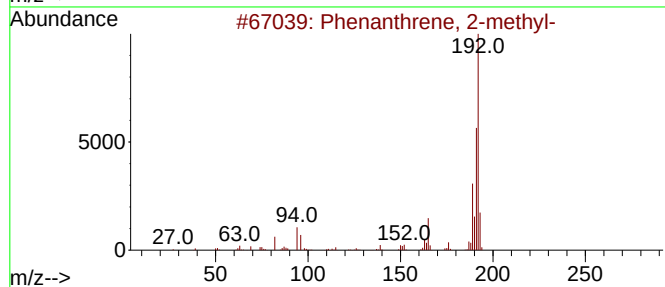
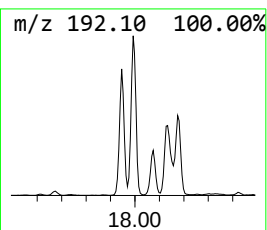
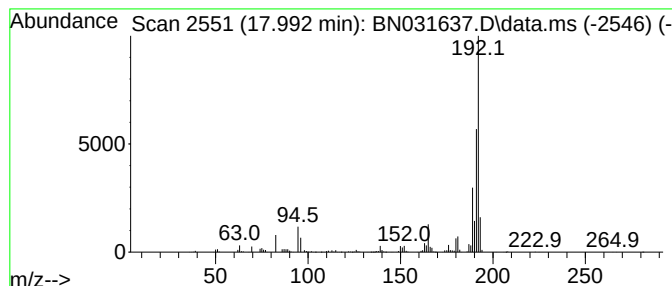
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	6.53 ng/ul	1291230	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	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Anthracene, 9-methyl-	192	C15H12	000779-02-2	95



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Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

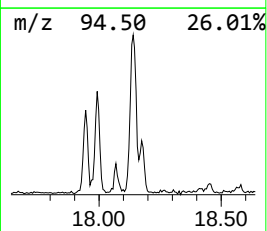
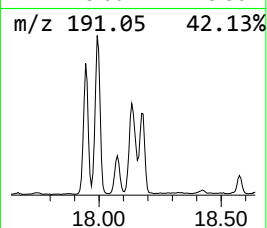
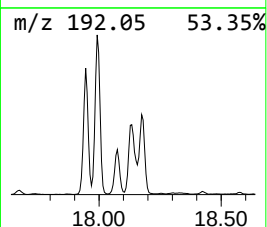
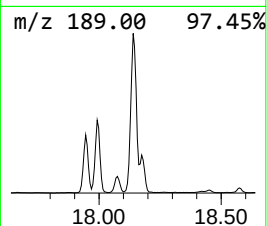
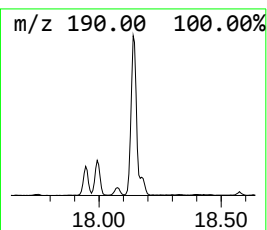
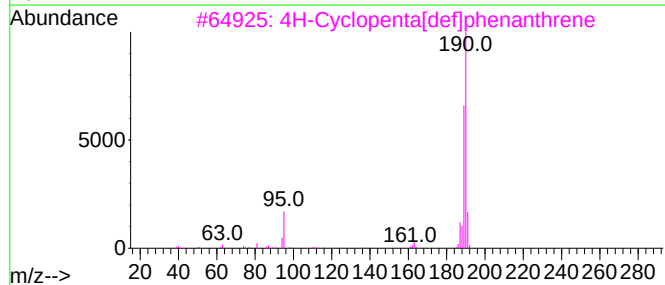
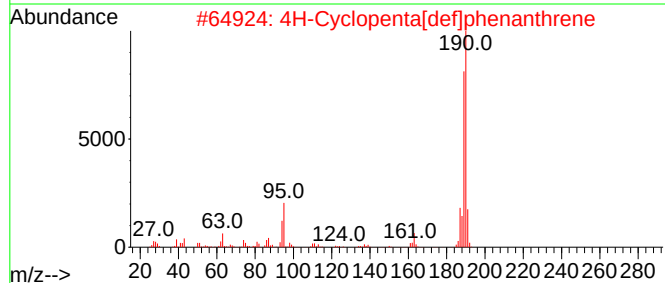
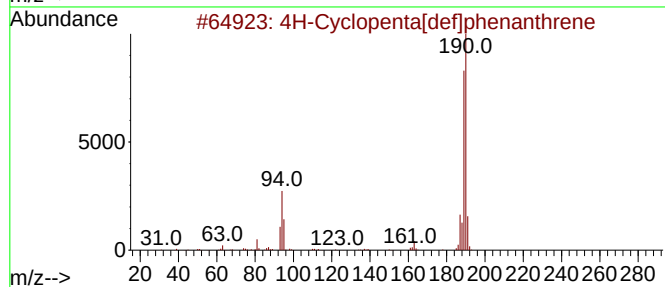
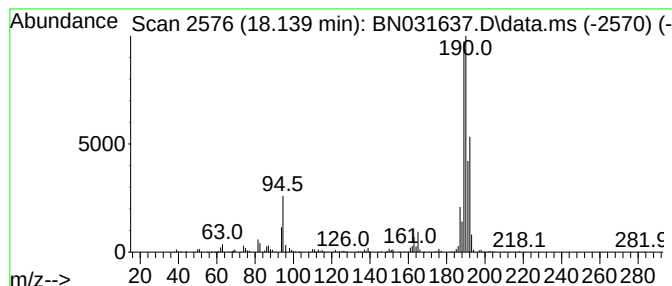
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.140	6.81 ng/ul	1347670	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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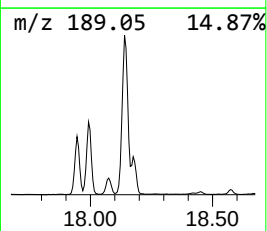
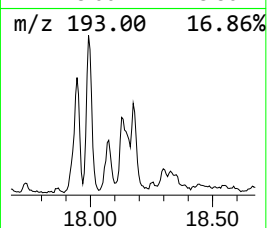
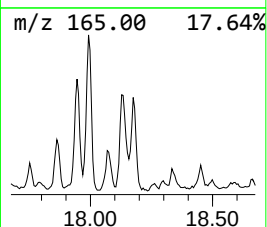
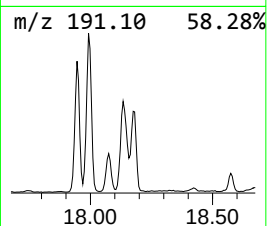
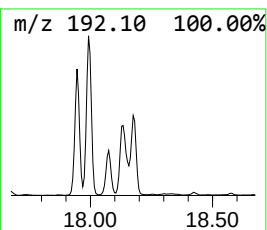
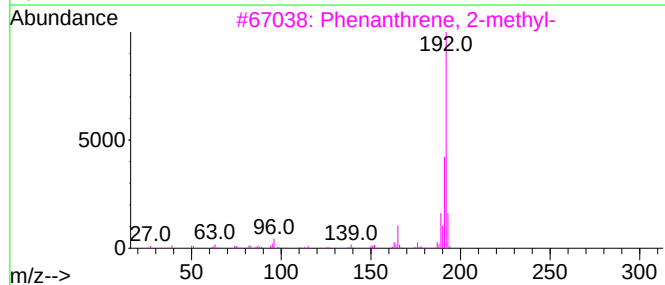
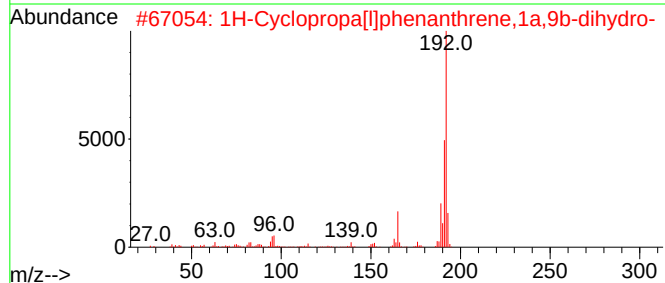
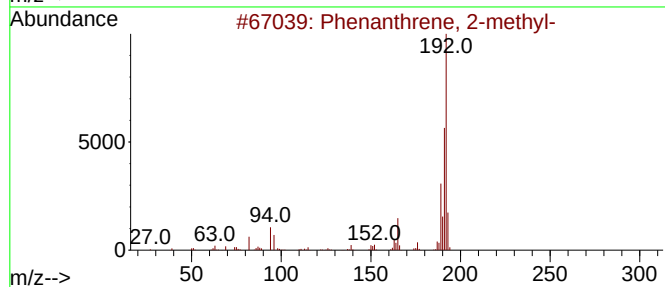
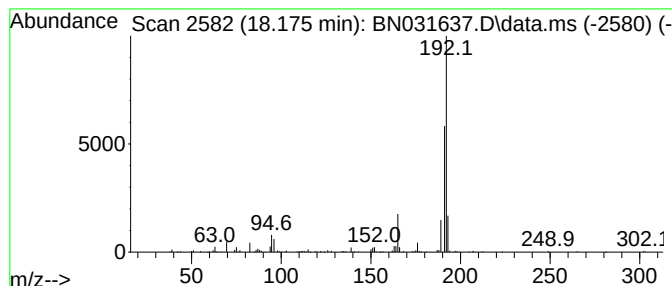
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	2.42 ng/ul	478169	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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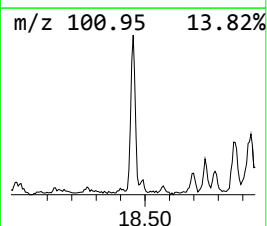
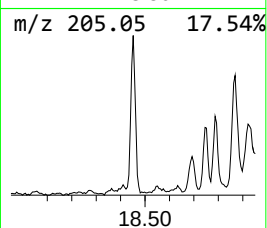
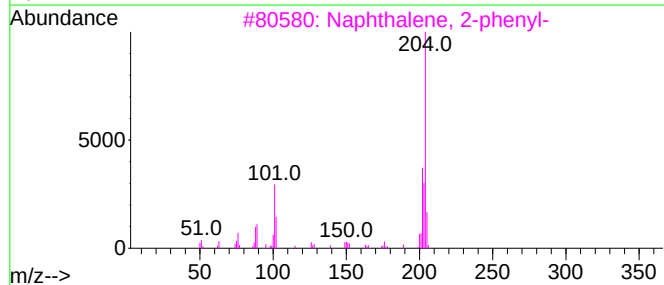
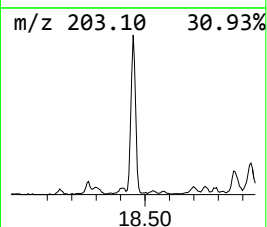
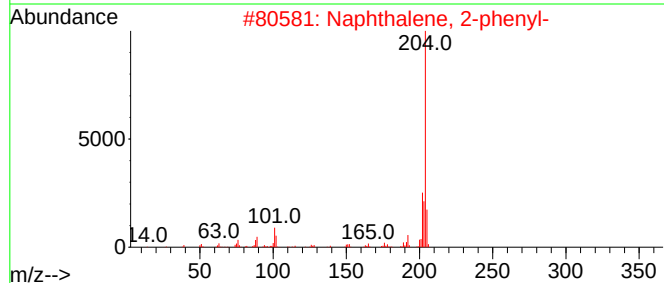
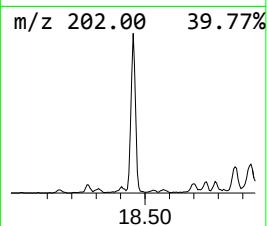
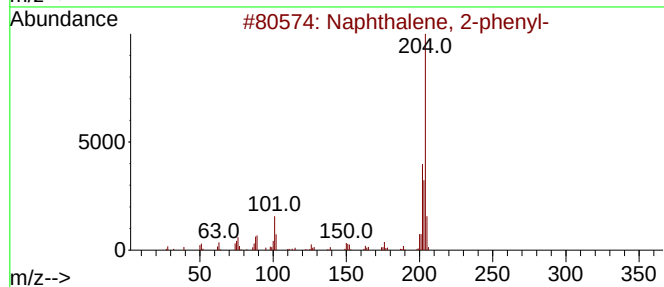
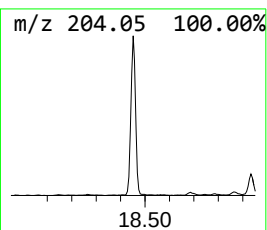
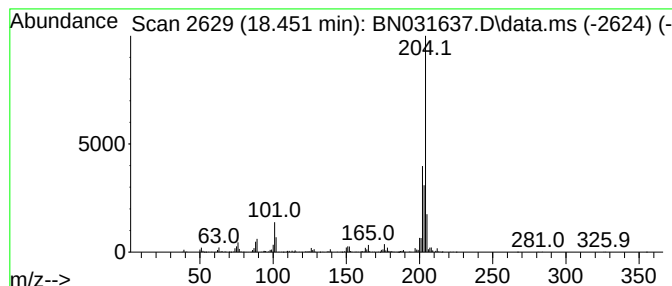
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	2.98 ng/ul	589065	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	94
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
5			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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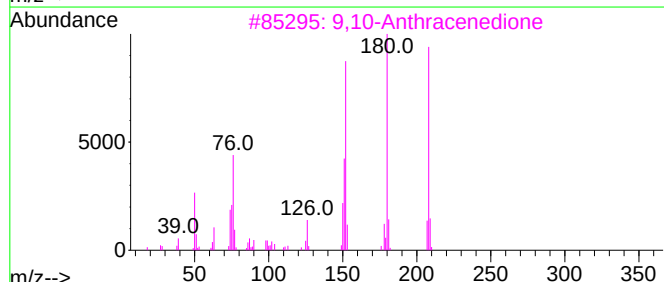
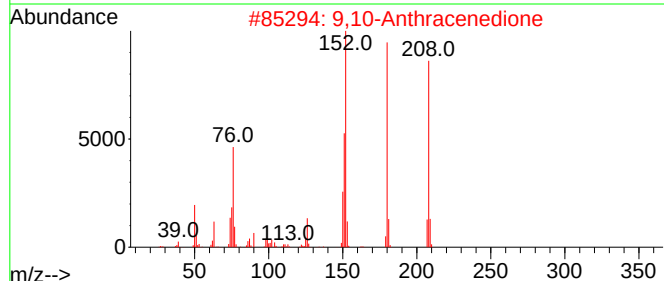
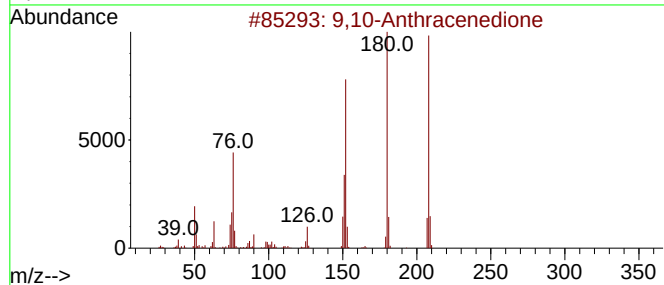
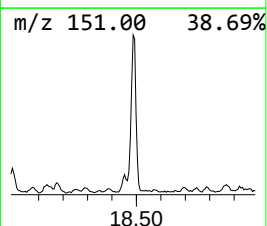
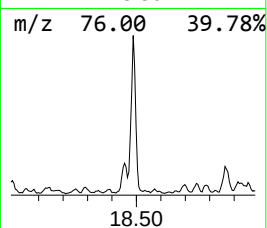
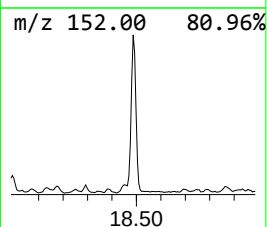
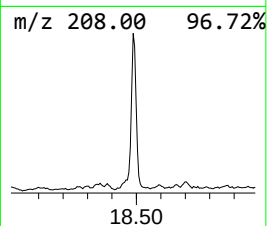
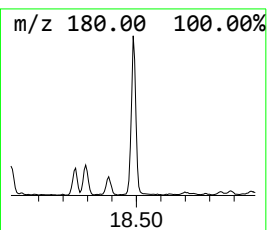
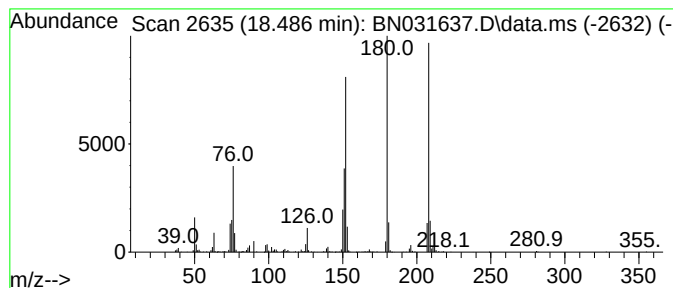
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	3.21 ng/ul	634608	Phenanthrene-d10	17.069

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	98
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	96
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
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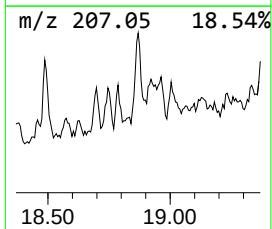
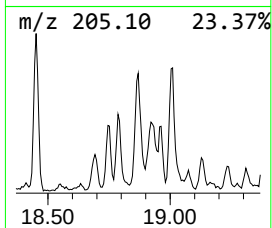
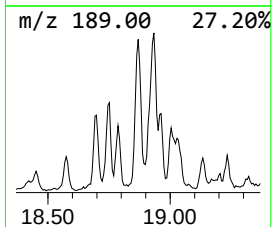
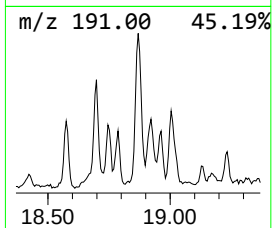
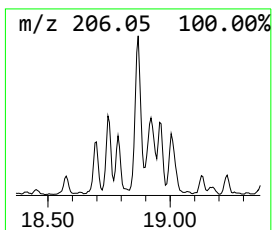
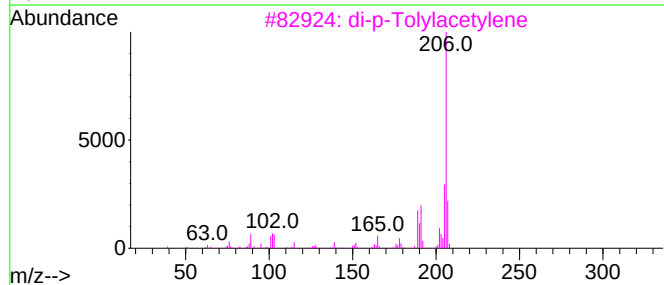
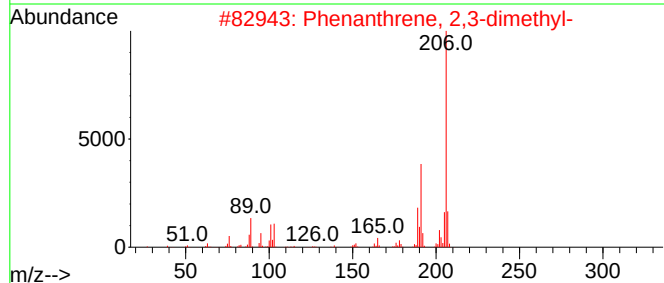
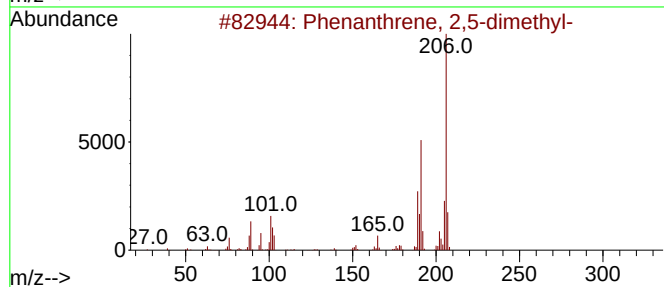
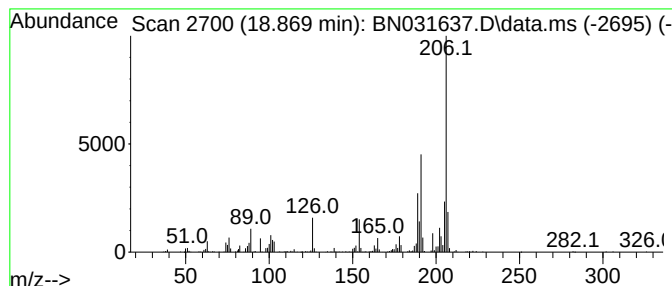
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 Phenanthrene, 2,5-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.869	2.63 ng/ul	520984	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	92
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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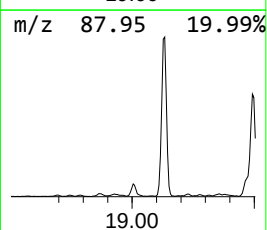
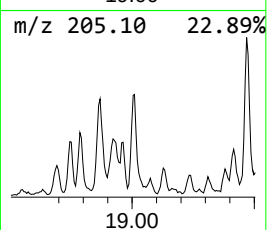
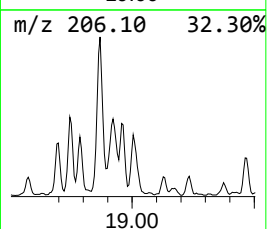
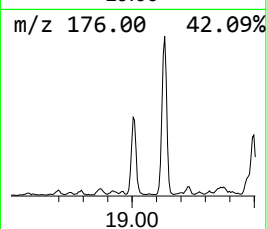
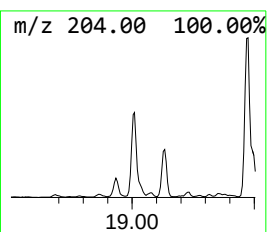
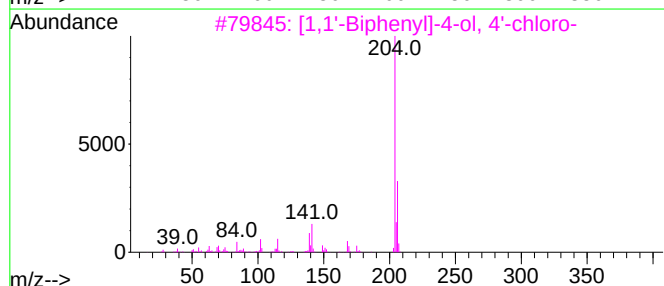
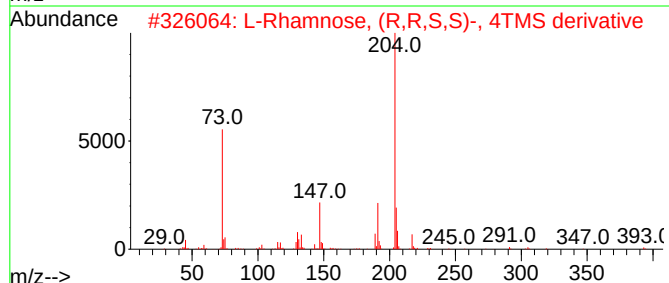
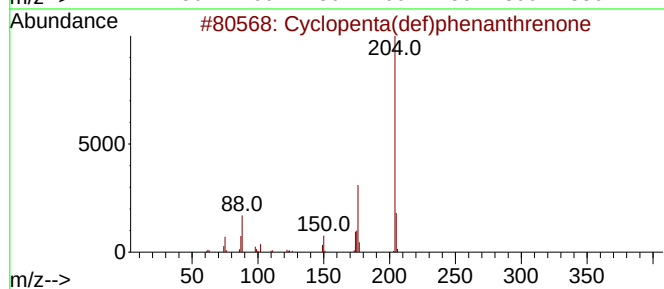
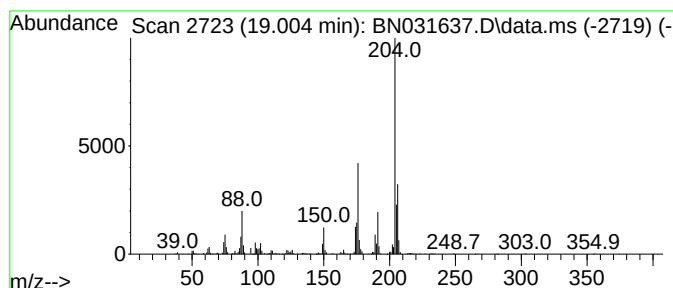
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.004	2.90 ng/ul	574419	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	38
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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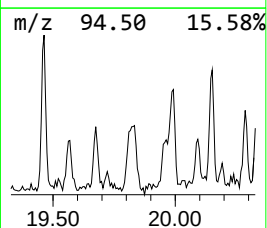
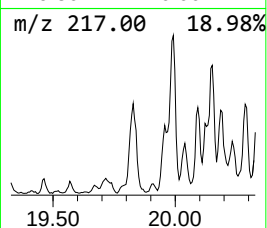
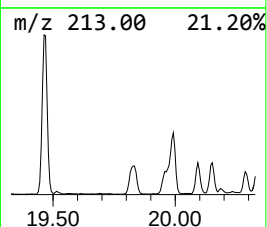
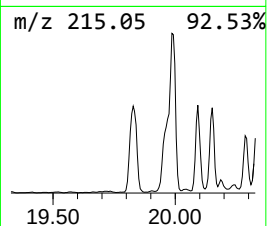
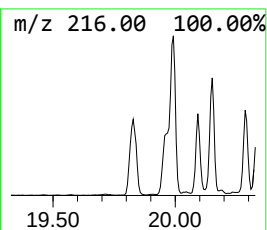
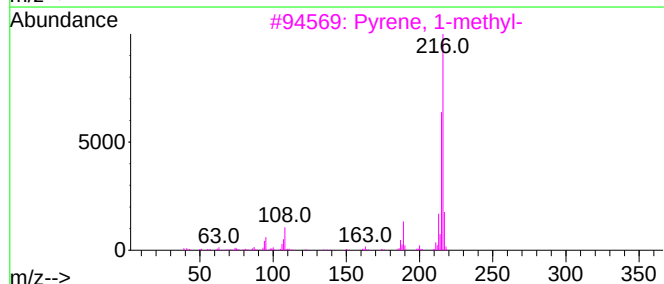
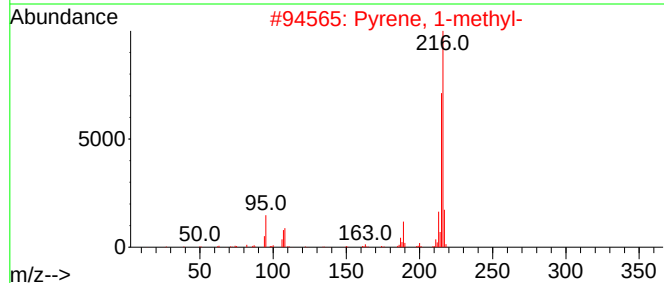
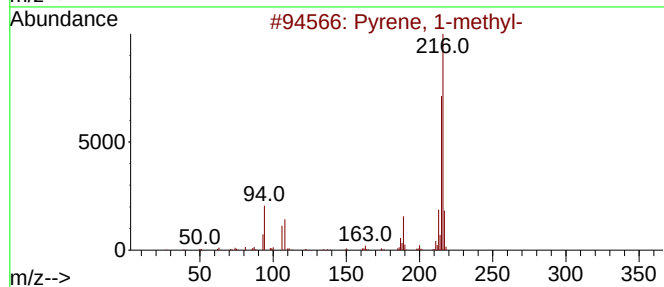
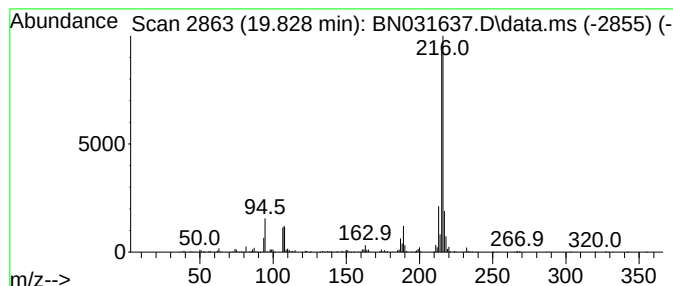
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.828	2.07 ng/ul	961909	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5W8

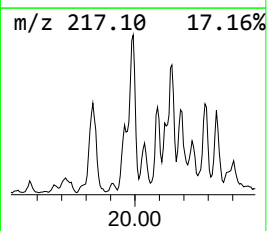
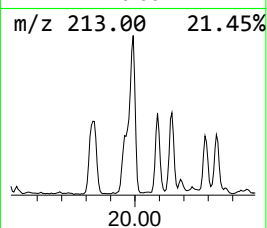
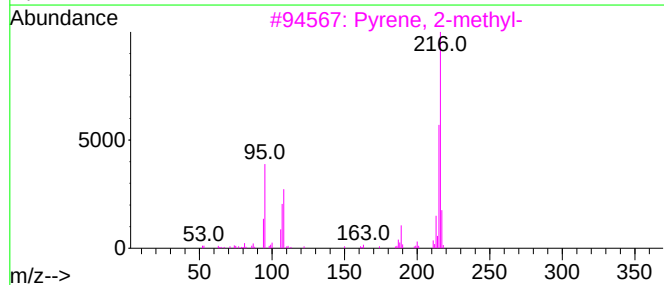
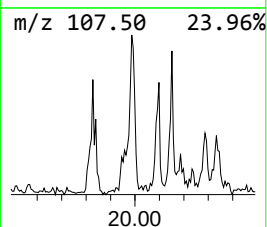
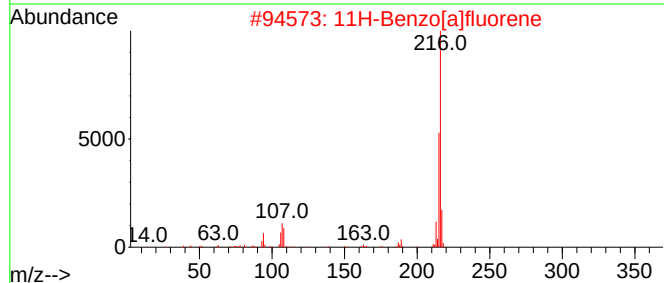
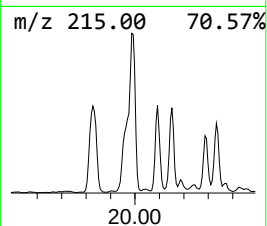
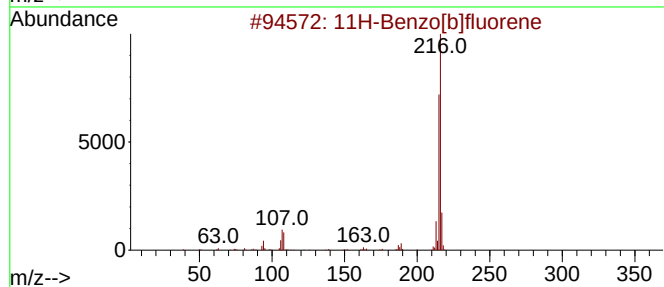
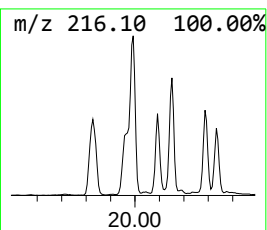
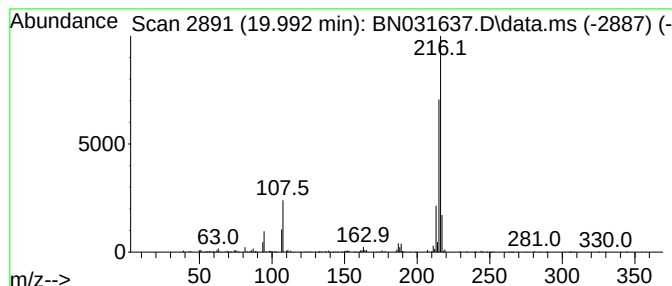
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.992	2.02 ng/ul	937274	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	87
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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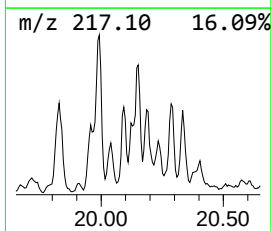
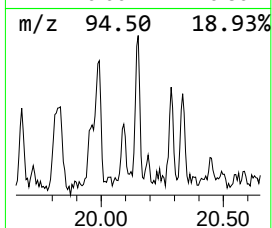
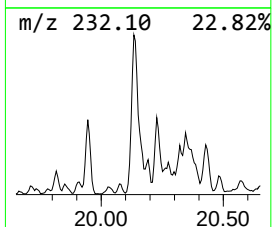
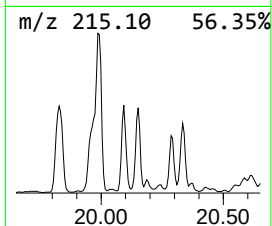
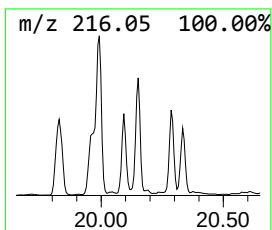
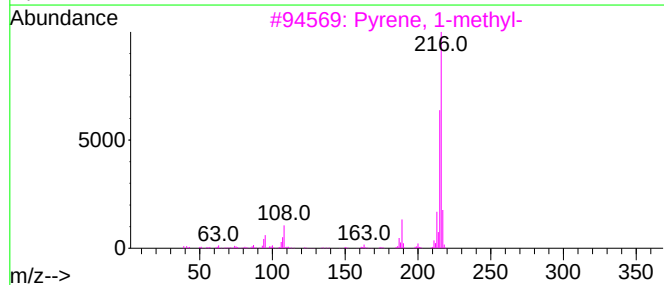
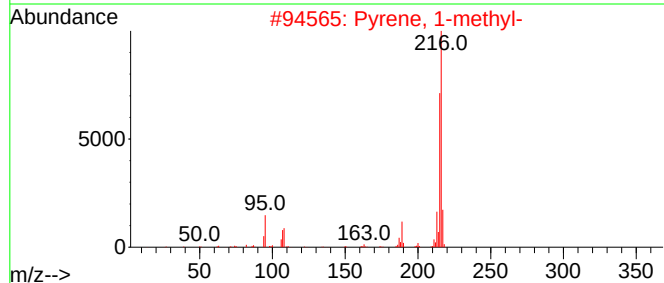
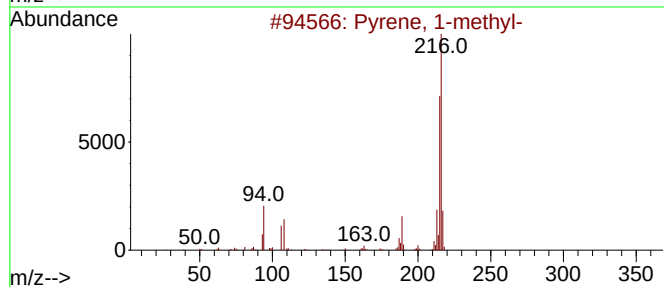
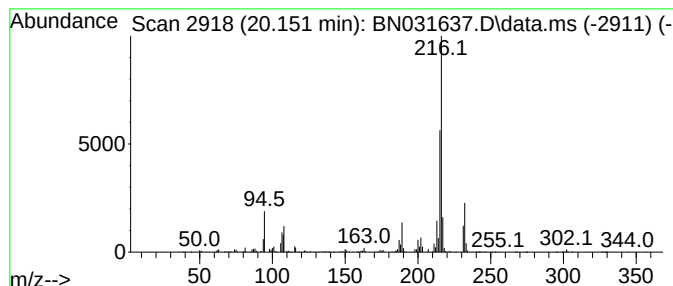
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	2.08 ng/ul	967163	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4			Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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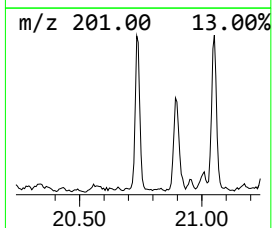
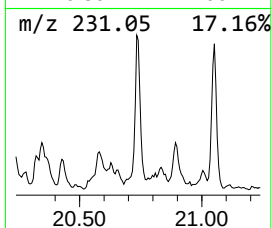
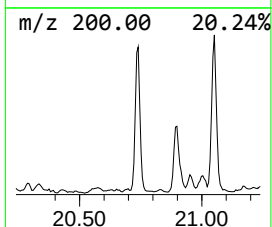
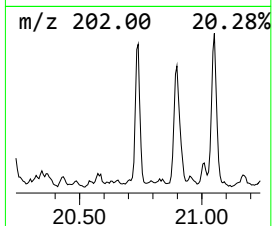
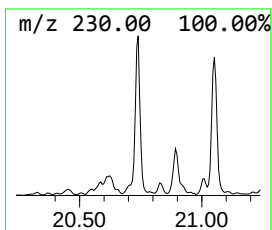
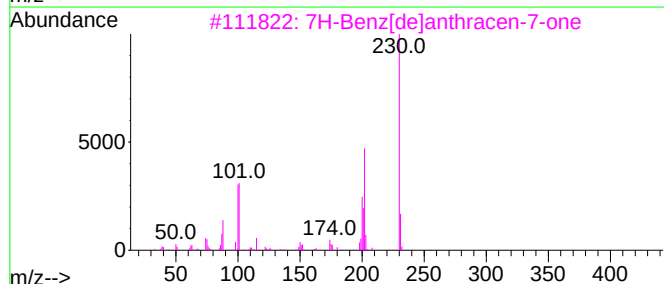
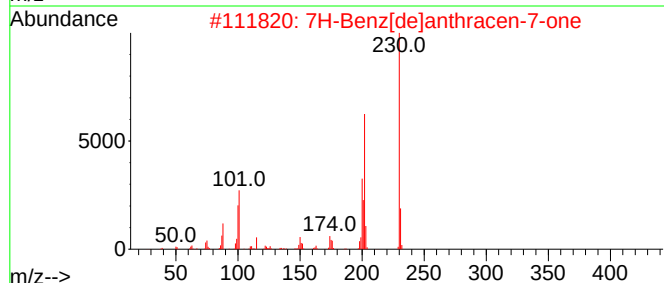
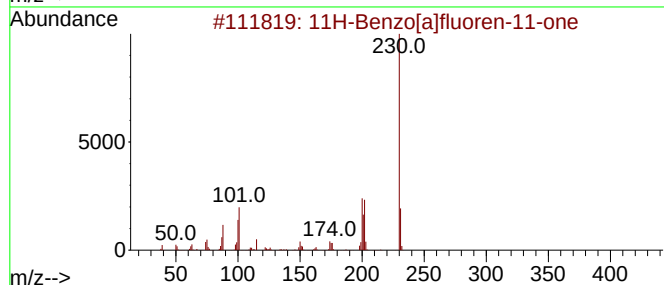
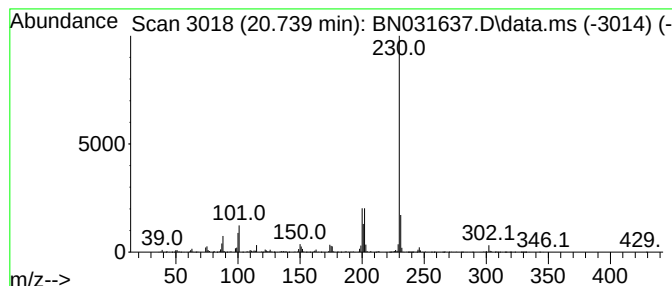
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	2.11 ng/ul	978193	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			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			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
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Instrument :
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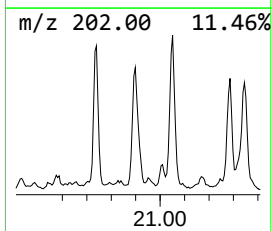
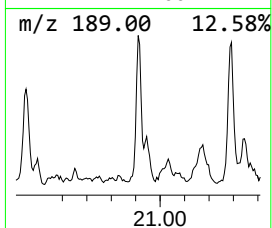
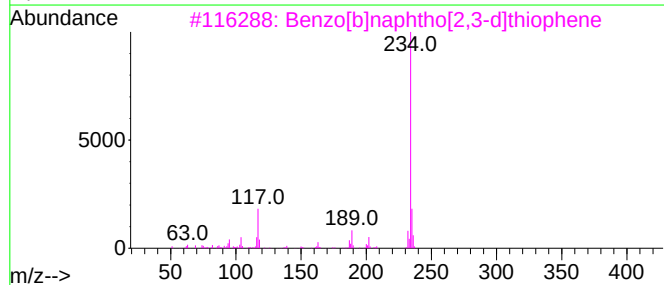
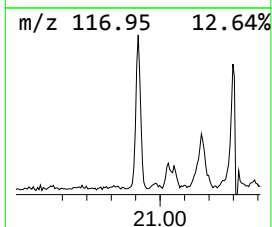
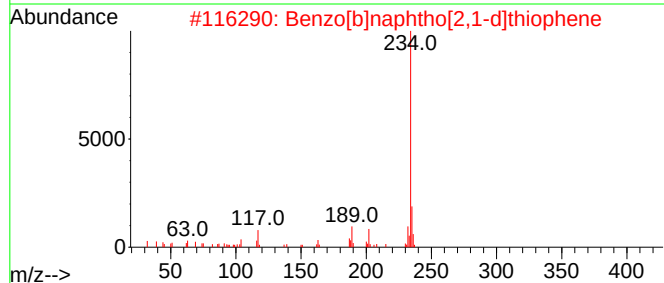
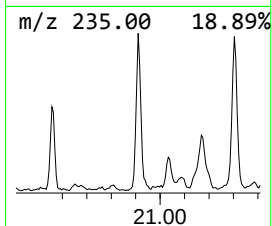
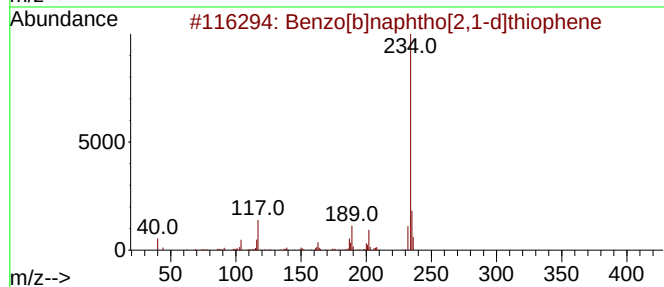
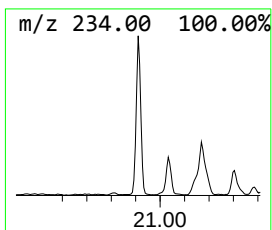
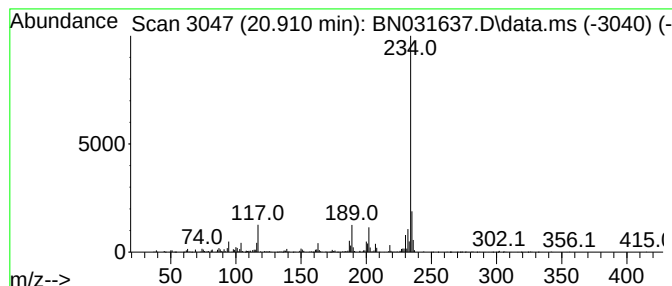
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	2.36 ng/ul	1097730	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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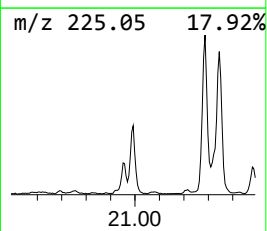
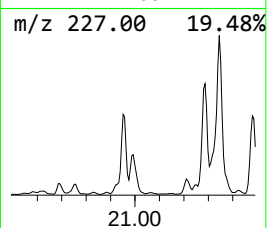
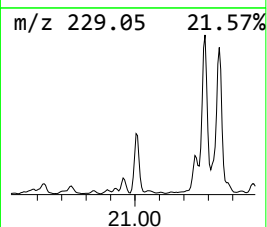
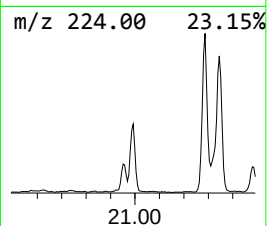
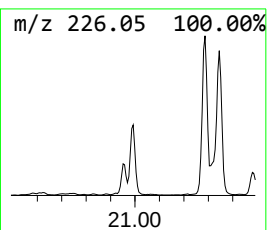
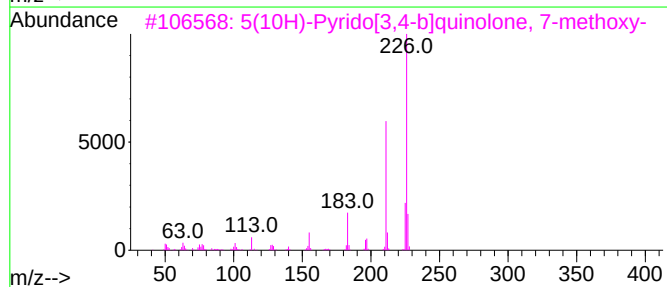
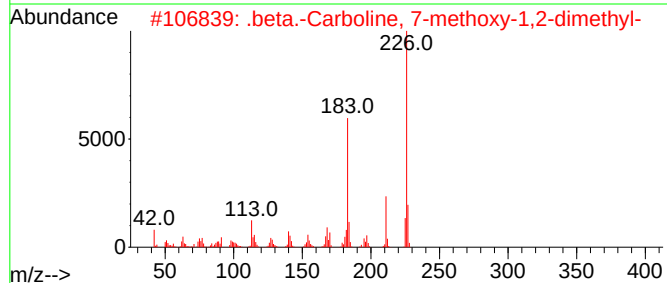
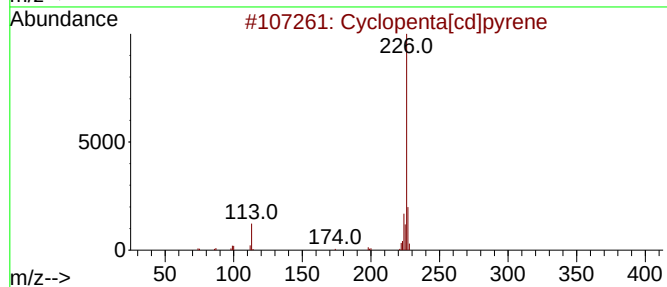
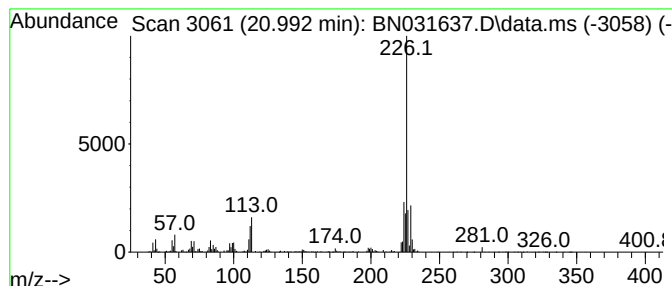
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 Cyclopenta[cd]pyrene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	2.42 ng/ul	1123730	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	62
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
3			5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	50
4			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
5			1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
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Acq On : 23 May 2024 18:14
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Sample : P2547-11
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ALS Vial : 14 Sample Multiplier: 1

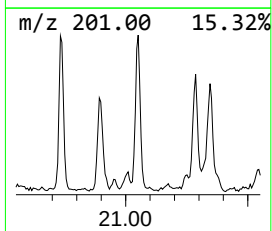
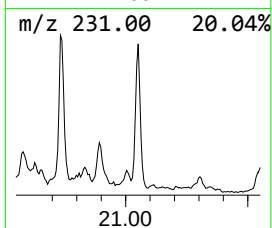
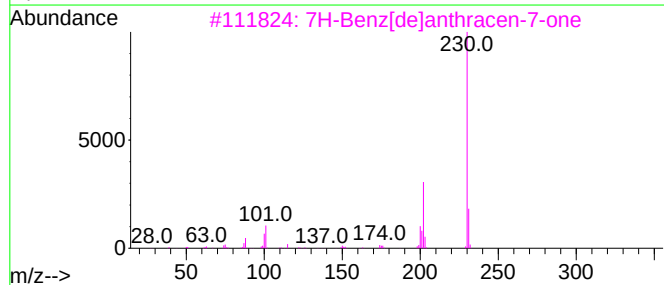
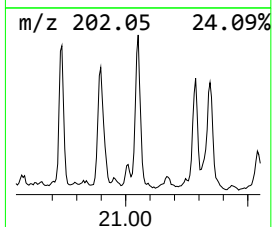
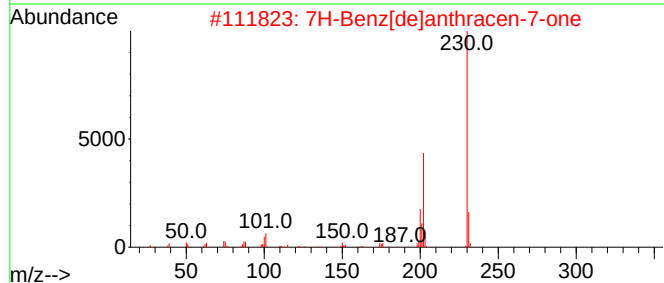
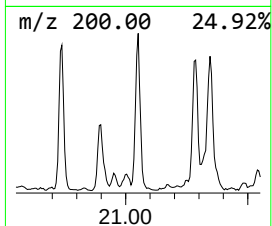
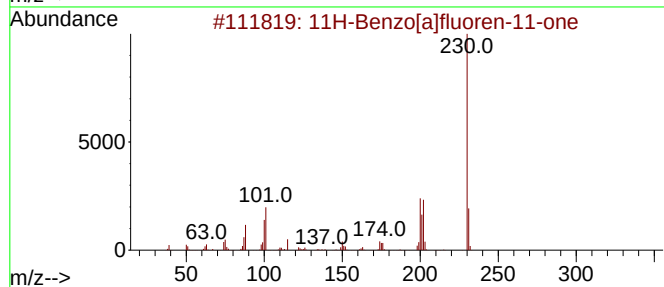
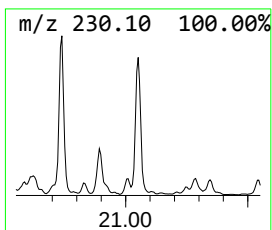
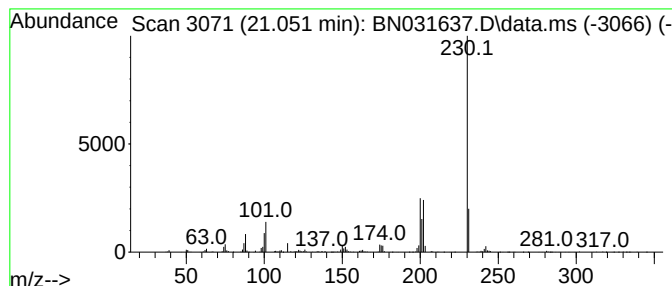
Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 7H-Benz[de]anthracen-7-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.051	2.66 ng/ul	1233780	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	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	74
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
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Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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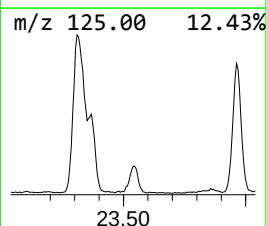
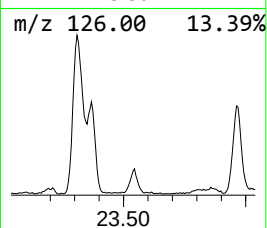
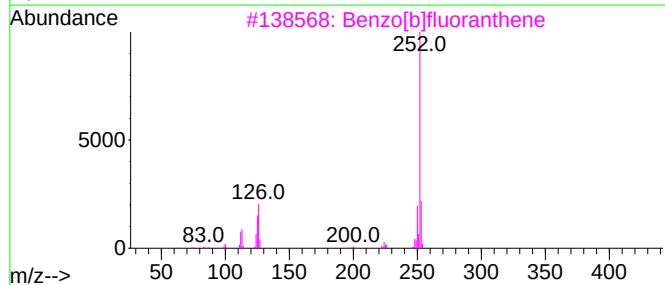
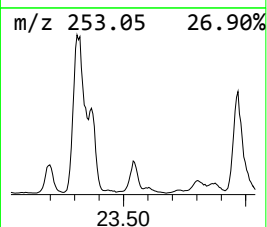
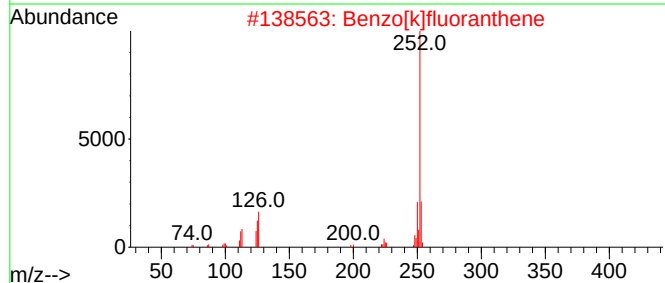
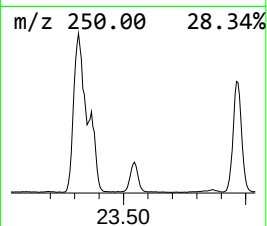
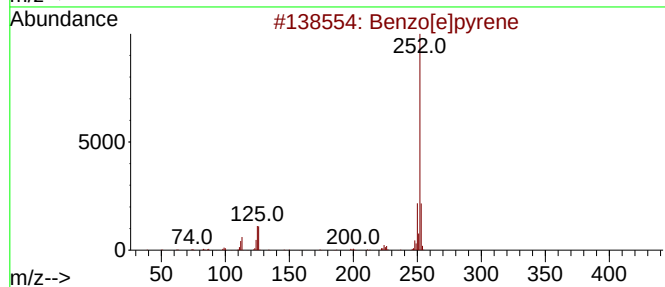
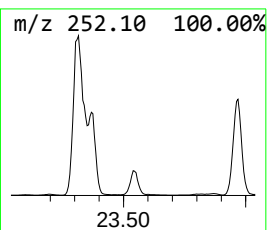
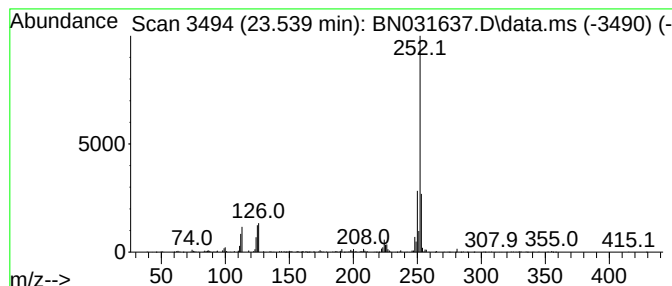
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.539	3.49 ng/ul	718756	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[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5W8

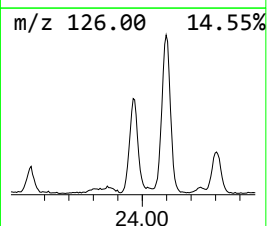
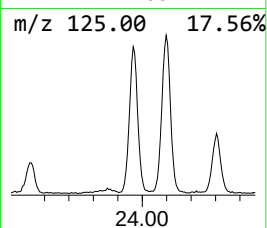
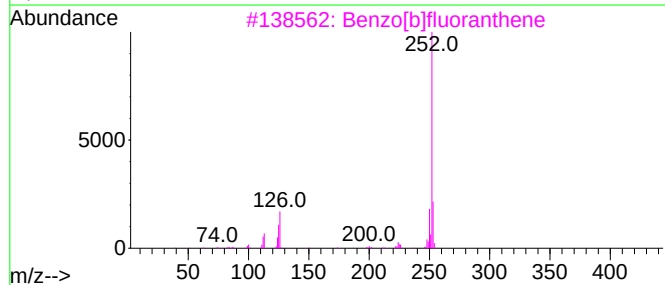
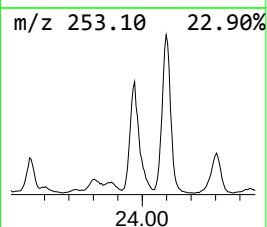
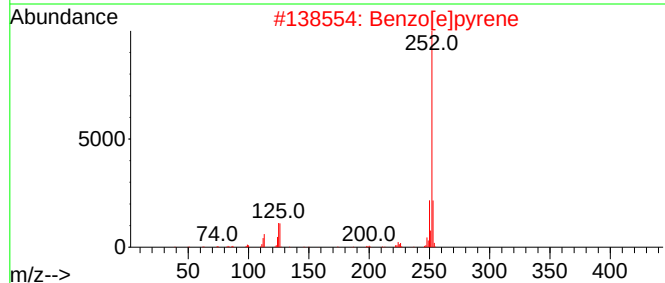
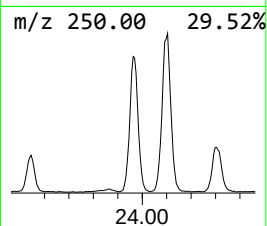
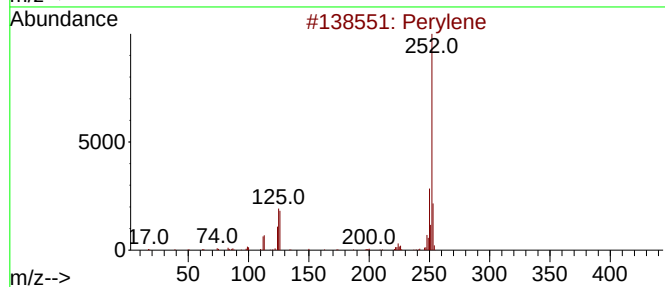
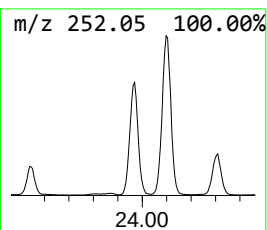
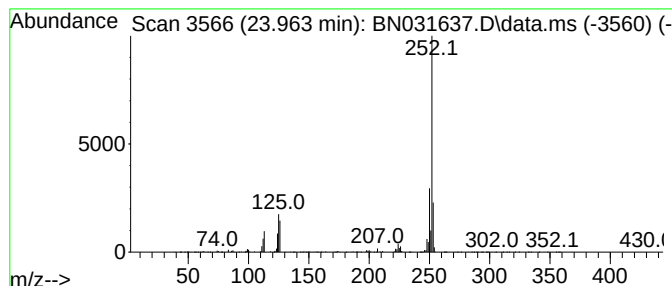
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.963	13.31 ng/ul	2740360	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
4			Benzo[a]pyrene	252	C20H12	000050-32-8	95
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5W8

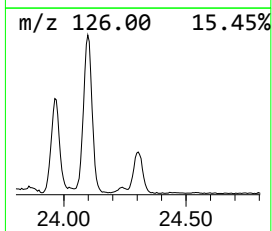
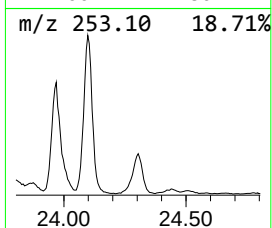
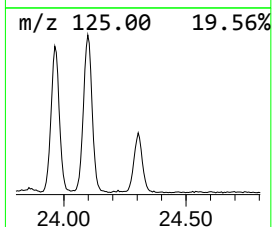
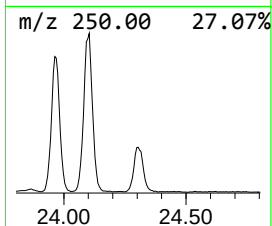
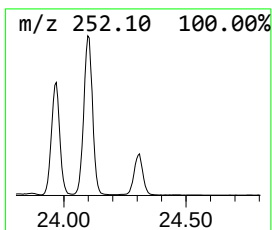
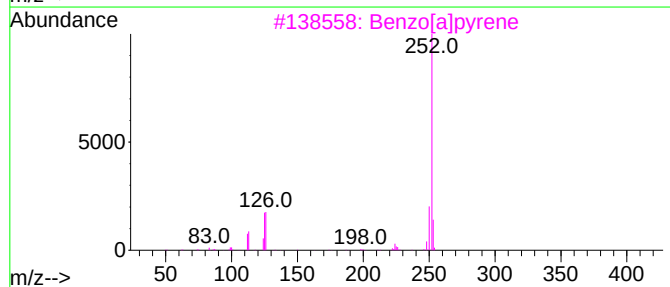
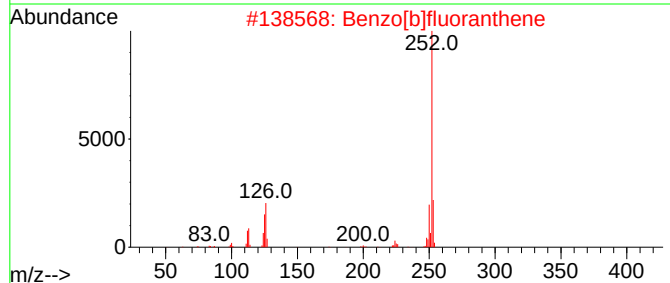
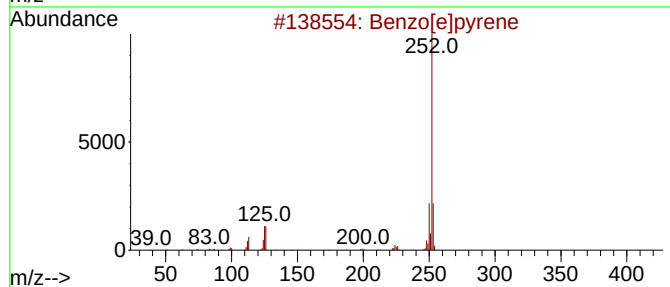
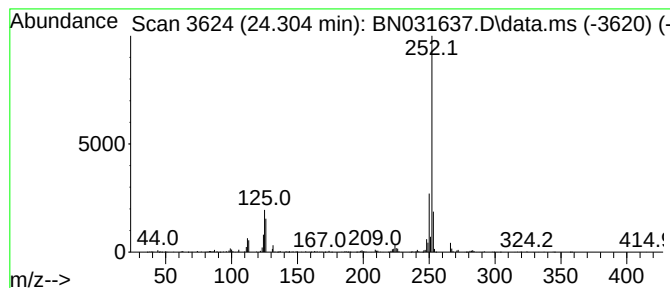
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Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzo[j]fluoranthene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.304	7.44 ng/ul	1530700	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	97
2			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	93
4			Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5			Perylene	252	C20H12	000198-55-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031637.D
Acq On : 23 May 2024 18:14
Operator : MA/JU
Sample : P2547-11
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5W8

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
9H-Fluoren-9-one	16.728	2.0	ng/ul	398599	4	17.069	3956410	20.0
Phenanthrene, 2...	17.945	4.3	ng/ul	857808	4	17.069	3956410	20.0
Anthracene, 2-m...	17.992	6.5	ng/ul	1291230	4	17.069	3956410	20.0
4H-Cyclopenta[d...	18.140	6.8	ng/ul	1347670	4	17.069	3956410	20.0
1H-Cyclopropa[1...	18.175	2.4	ng/ul	478169	4	17.069	3956410	20.0
Naphthalene, 2-...	18.451	3.0	ng/ul	589065	4	17.069	3956410	20.0
9,10-Anthracene...	18.486	3.2	ng/ul	634608	4	17.069	3956410	20.0
Phenanthrene, 2...	18.869	2.6	ng/ul	520984	4	17.069	3956410	20.0
Cyclopenta(def)...	19.004	2.9	ng/ul	574419	4	17.069	3956410	20.0
Pyrene, 1-methyl-	19.828	2.1	ng/ul	961909	5	21.304	9286260	20.0
11H-Benzo[b]flu...	19.992	2.0	ng/ul	937274	5	21.304	9286260	20.0
Pyrene, 4-methyl-	20.151	2.1	ng/ul	967163	5	21.304	9286260	20.0
11H-Benzo[a]flu...	20.739	2.1	ng/ul	978193	5	21.304	9286260	20.0
Benzo[b]naphtho...	20.910	2.4	ng/ul	1097730	5	21.304	9286260	20.0
Cyclopenta[cd]p...	20.992	2.4	ng/ul	1123730	5	21.304	9286260	20.0
7H-Benz[de]anth...	21.051	2.7	ng/ul	1233780	5	21.304	9286260	20.0
Benzo[e]pyrene	23.539	3.5	ng/ul	718756	6	24.239	4116930	20.0
Perylene	23.963	13.3	ng/ul	2740360	6	24.239	4116930	20.0
Benzo[j]fluoran...	24.304	7.4	ng/ul	1530700	6	24.239	4116930	20.0