

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
 Data File : BN031639.D
 Acq On : 23 May 2024 19:33
 Operator : MA/JU
 Sample : P2547-16
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5X3

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: BN031639.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.605	102	105	118	rBV	590523	900061	6.44%	0.474%
2	3.711	118	123	129	rVV	208849	279969	2.00%	0.147%
3	6.852	649	657	666	rBV	1056647	1711543	12.24%	0.902%
4	7.028	680	687	695	rBV	909372	1425123	10.20%	0.751%
5	7.222	712	720	727	rBV	1047415	1674353	11.98%	0.882%
6	7.687	792	799	807	rBV	1553057	2526682	18.08%	1.331%
7	8.387	911	918	926	rBV	1128127	1754856	12.55%	0.924%
8	8.840	988	995	1004	rBV	979731	1618129	11.58%	0.852%
9	9.558	1105	1117	1130	rBV	704599	1171460	8.38%	0.617%
10	10.087	1200	1207	1218	rBV	1246242	2081247	14.89%	1.096%
11	10.469	1264	1272	1278	rBV	2139718	3704925	26.51%	1.952%
12	10.522	1278	1281	1287	rVV	126679	192249	1.38%	0.101%
13	10.610	1287	1296	1306	rVV	792162	1358534	9.72%	0.716%
14	11.210	1392	1398	1404	rBV	105390	193764	1.39%	0.102%
15	13.646	1806	1812	1817	rBV	114055	194862	1.39%	0.103%
16	13.740	1823	1828	1839	rVB	2034993	2886746	20.65%	1.521%
17	14.016	1869	1875	1888	rVB2	2305303	3950489	28.26%	2.081%
18	14.328	1917	1928	1934	rBV	2980196	4516907	32.31%	2.379%
19	14.393	1934	1939	1946	rVV	523331	819332	5.86%	0.432%
20	14.516	1954	1960	1972	rBV	608697	1132120	8.10%	0.596%
21	14.728	1990	1996	2004	rVV	331402	547819	3.92%	0.289%
22	15.322	2090	2097	2102	rVV	2969076	4300297	30.76%	2.265%
23	15.375	2102	2106	2111	rVV	492429	751998	5.38%	0.396%
24	15.434	2111	2116	2121	rVV	465757	688904	4.93%	0.363%
25	15.669	2152	2156	2166	rVB	184851	303868	2.17%	0.160%
26	15.816	2176	2181	2189	rVB	184123	364825	2.61%	0.192%
27	16.051	2215	2221	2229	rVB3	123545	203273	1.45%	0.107%
28	16.357	2265	2273	2274	rBV3	95940	180459	1.29%	0.095%
29	16.610	2307	2316	2319	rBV3	111448	213649	1.53%	0.113%
30	16.645	2319	2322	2326	rVV2	121868	188959	1.35%	0.100%
31	16.728	2331	2336	2344	rVB	390127	616902	4.41%	0.325%
32	16.828	2344	2353	2359	rBV3	147144	468230	3.35%	0.247%
33	16.892	2359	2364	2373	rVB	358799	567603	4.06%	0.299%
34	17.069	2388	2394	2398	rBV	2909130	4483804	32.08%	2.362%
35	17.116	2398	2402	2407	rVV	7419001	10271874	73.49%	5.411%
36	17.169	2407	2411	2415	rVV2	2751136	4232953	30.28%	2.230%

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Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >

Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
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37	17.204	2415	2417	2422	rVV	1380634	1589108	11.37%	0.837%
38	17.263	2422	2427	2432	rVB2	164059	274448	1.96%	0.145%
39	17.475	2453	2463	2468	rBV2	758632	1292689	9.25%	0.681%
40	17.592	2479	2483	2488	rBV2	139756	210873	1.51%	0.111%
41	17.651	2489	2493	2502	rVB3	144926	247289	1.77%	0.130%
42	17.945	2534	2543	2546	rBV	877680	1346978	9.64%	0.710%
43	17.992	2546	2551	2557	rVV	1287646	2282171	16.33%	1.202%
44	18.075	2557	2565	2569	rVB3	306943	550056	3.94%	0.290%
45	18.139	2569	2576	2580	rBV2	1126397	2065784	14.78%	1.088%
46	18.175	2580	2582	2588	rVB	578922	691173	4.94%	0.364%
47	18.451	2624	2629	2632	rVV	617684	858642	6.14%	0.452%
48	18.487	2632	2635	2642	rVB	668464	904146	6.47%	0.476%
49	18.698	2667	2671	2675	rBV2	249123	325314	2.33%	0.171%
50	18.745	2675	2679	2682	rVB	173939	195415	1.40%	0.103%
51	18.787	2682	2686	2690	rVB	196344	249922	1.79%	0.132%
52	18.869	2694	2700	2705	rBV	531980	848223	6.07%	0.447%
53	18.928	2705	2710	2713	rBV4	198922	378075	2.70%	0.199%
54	19.004	2719	2723	2732	rVB	510929	854284	6.11%	0.450%
55	19.134	2739	2745	2751	rVB	10236877	13978170	100.00%	7.363%
56	19.234	2759	2762	2764	rVV3	164532	218303	1.56%	0.115%
57	19.257	2764	2766	2773	rVB3	146931	291735	2.09%	0.154%
58	19.328	2773	2778	2781	rBV3	171682	285621	2.04%	0.150%
59	19.375	2782	2786	2790	rVV	309328	460618	3.30%	0.243%
60	19.469	2796	2802	2804	rBV2	4085760	6523912	46.67%	3.437%
61	19.498	2804	2807	2815	rVB	8084772	10642287	76.14%	5.606%
62	19.569	2815	2819	2823	rBV2	361181	498608	3.57%	0.263%
63	19.610	2823	2826	2830	rVB	465664	566282	4.05%	0.298%
64	19.675	2833	2837	2842	rVB	417644	546386	3.91%	0.288%
65	19.733	2843	2847	2852	rVB	419295	618398	4.42%	0.326%
66	19.816	2856	2861	2868	rBV3	502796	1265417	9.05%	0.667%
67	19.957	2879	2885	2887	rBV4	432772	750723	5.37%	0.395%
68	19.992	2887	2891	2895	rVB	914142	1324077	9.47%	0.697%
69	20.092	2904	2908	2912	rBV	450368	595945	4.26%	0.314%
70	20.145	2912	2917	2922	rVV2	742013	1263837	9.04%	0.666%
71	20.186	2922	2924	2928	rVB	223589	255996	1.83%	0.135%
72	20.233	2928	2932	2936	rBV2	152259	217521	1.56%	0.115%
73	20.286	2937	2941	2945	rBV	411320	510218	3.65%	0.269%
74	20.333	2945	2949	2954	rBV	410624	600445	4.30%	0.316%
75	20.404	2958	2961	2965	rBV	251745	285078	2.04%	0.150%
76	20.557	2983	2987	2994	rBV6	305533	600524	4.30%	0.316%

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Integration Parameters: LSCINT.P

Integrator: RTE
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 Sampling : 1 Min Area: 0.1 % of largest Peak
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 Stop Thrs : 0 Peak Location: TOP

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77	20.739	3013	3018	3025	rVB	919940	1338520	9.58%	0.705%
78	20.910	3040	3047	3051	rBV2	762668	1529700	10.94%	0.806%
79	20.951	3051	3054	3057	rVV	763965	999153	7.15%	0.526%
80	20.998	3057	3062	3067	rVV3	933213	1943121	13.90%	1.024%
81	21.051	3067	3071	3083	rVB	1000899	1644868	11.77%	0.866%
82	21.222	3096	3100	3103	rVV	569750	771175	5.52%	0.406%
83	21.286	3105	3111	3117	rVV3	5127136	11181190	79.99%	5.890%
84	21.345	3117	3121	3133	rVB	3860698	6253097	44.73%	3.294%
85	21.486	3140	3145	3152	rBV	434411	869133	6.22%	0.458%
86	21.680	3172	3178	3184	rBV2	481639	976128	6.98%	0.514%
87	21.975	3224	3228	3235	rVB	600730	1011611	7.24%	0.533%
88	22.039	3235	3239	3249	rBV3	396377	846780	6.06%	0.446%
89	22.222	3266	3270	3274	rBV	308105	521947	3.73%	0.275%
90	22.269	3275	3278	3285	rVB4	288189	504901	3.61%	0.266%
91	23.316	3447	3456	3462	rBV	3014264	8936745	63.93%	4.708%
92	23.427	3472	3475	3480	rVB2	199289	316179	2.26%	0.167%
93	23.545	3489	3495	3502	rVB	526181	1069717	7.65%	0.564%
94	23.969	3559	3567	3573	rBV	1702911	4153421	29.71%	2.188%
95	24.033	3573	3578	3584	rVV2	1395489	3494578	25.00%	1.841%
96	24.098	3584	3589	3602	rVB	2644842	6271090	44.86%	3.303%
97	24.233	3605	3612	3619	rBV	1490476	3823868	27.36%	2.014%
98	24.304	3619	3624	3638	rVB2	781108	2300008	16.45%	1.212%
99	27.533	4163	4173	4197	rVB3	1178237	5357302	38.33%	2.822%
100	28.562	4338	4348	4361	rVB2	951861	3774687	27.00%	1.988%

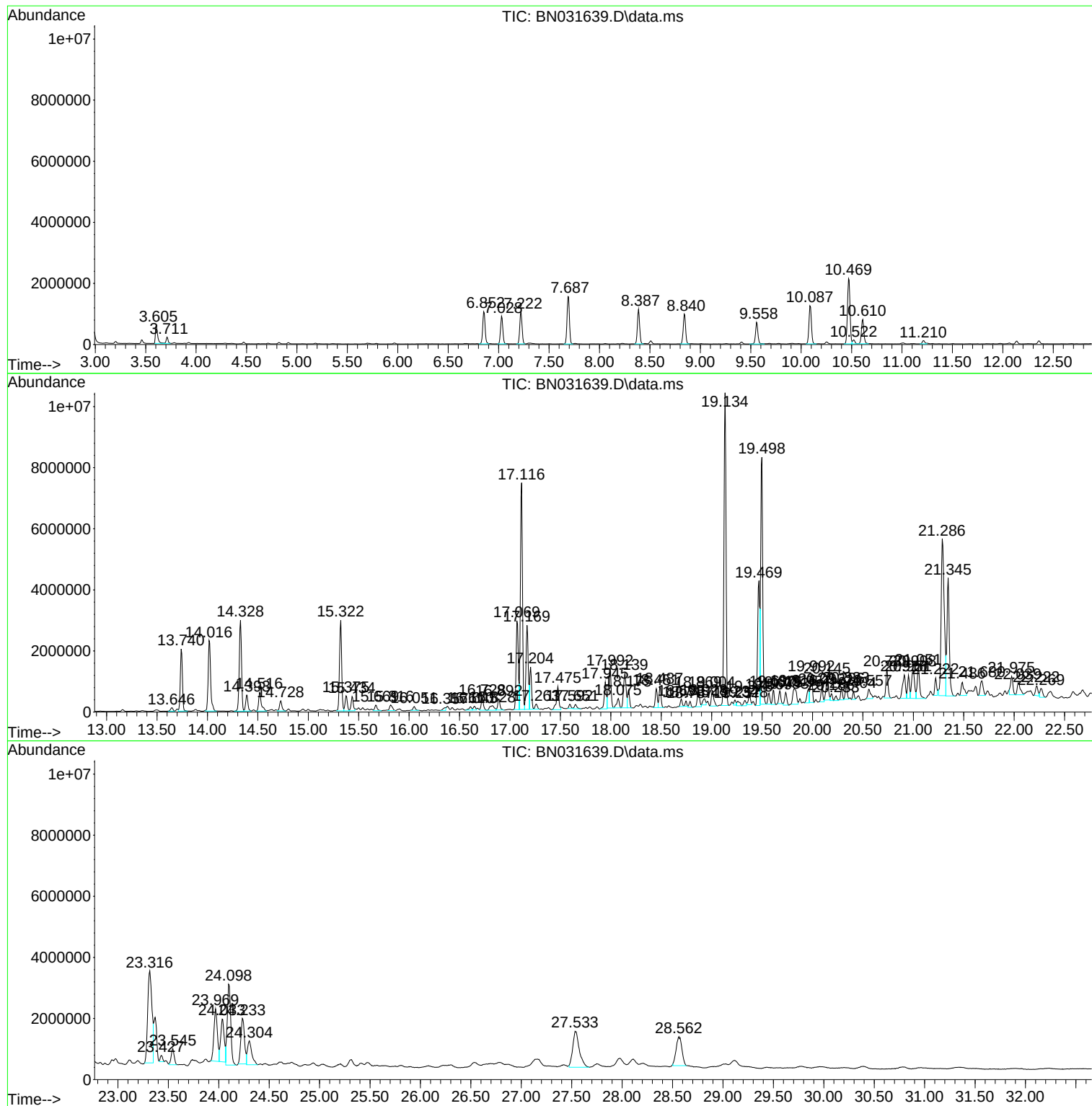
Sum of corrected areas: 189832378

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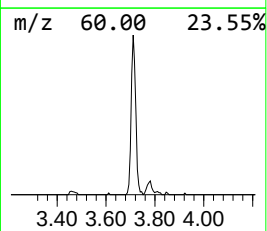
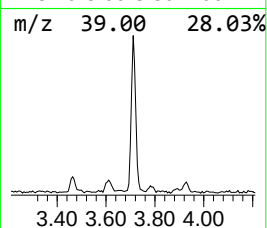
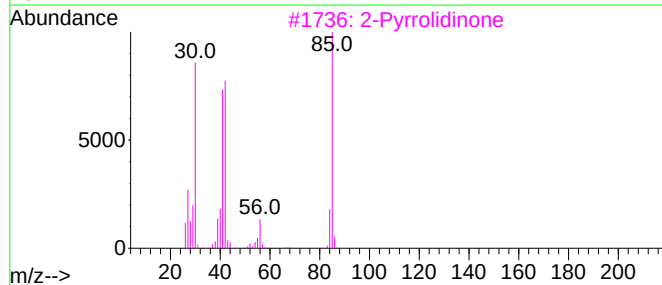
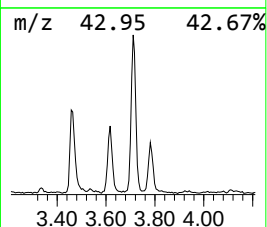
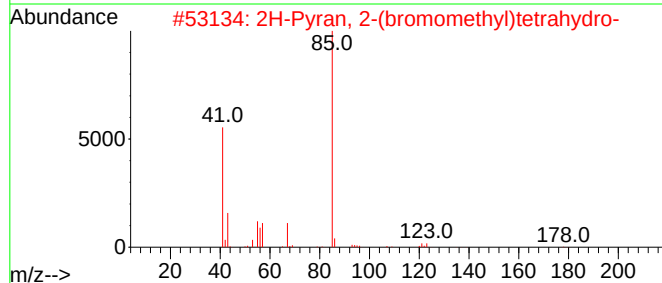
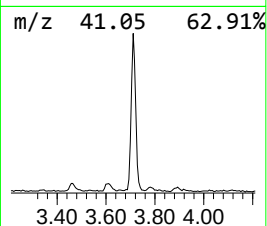
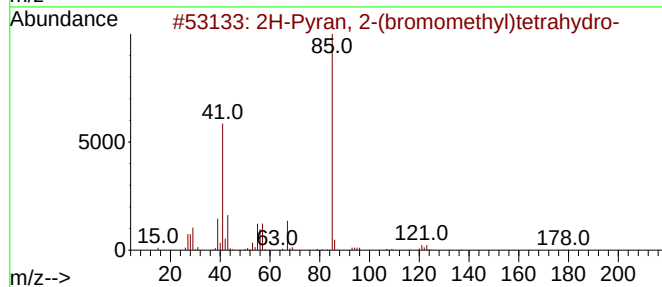
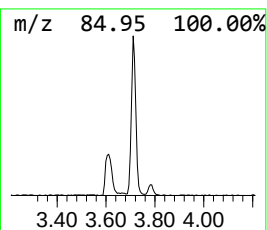
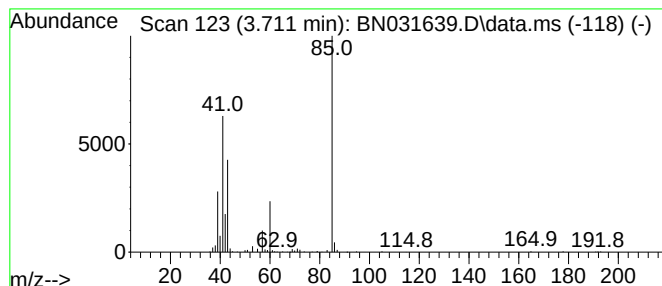
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 2H-Pyran, 2-(bromomethyl)te... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.711	2.22 ng/ul	279969	1,4-Dichlorobenzene-d4	7.687

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	53
2			2H-Pyran, 2-(bromomethyl)tetrahy...	178	C6H11BrO	034723-82-5	53
3			2-Pyrrolidinone	85	C4H7NO	000616-45-5	28
4			2H-Pyran, tetrahydro-2-methyl-	100	C6H12O	010141-72-7	25
5			2-Pyrrolidinone	85	C4H7NO	000616-45-5	9



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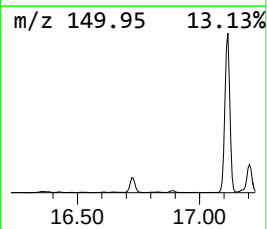
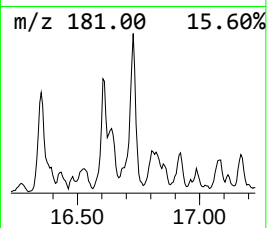
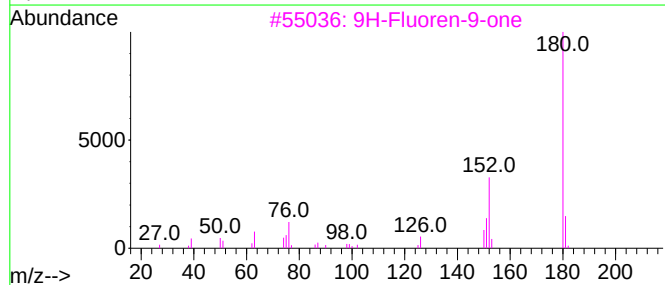
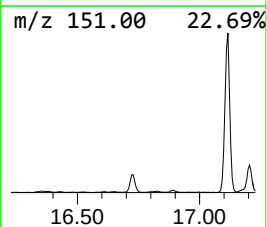
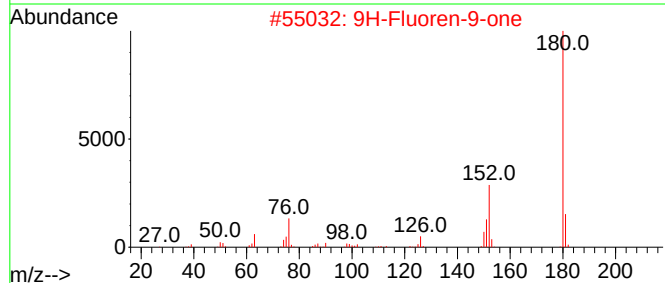
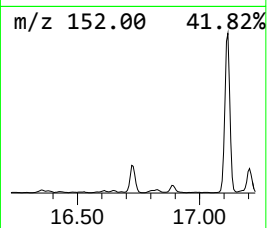
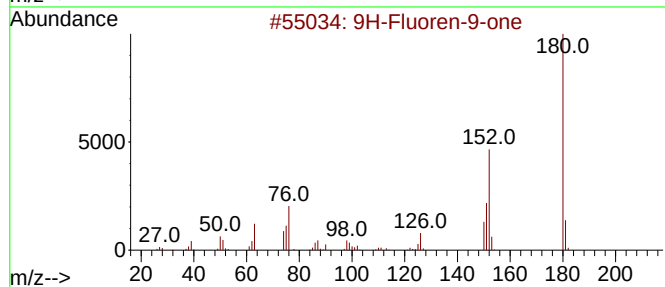
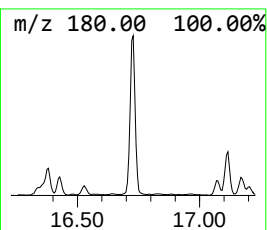
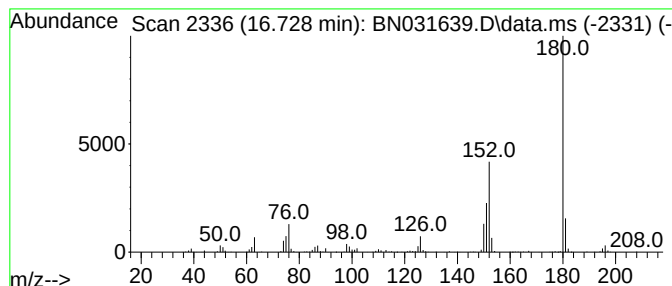
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9H-Fluoren-9-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.728	2.75 ng/ul	616902	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	94



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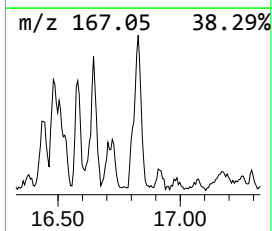
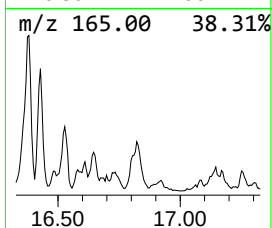
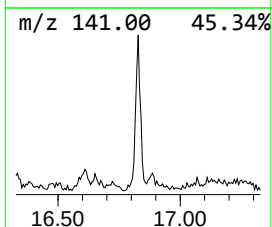
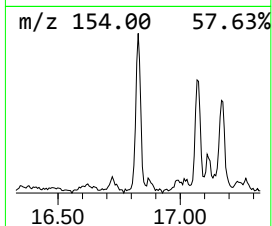
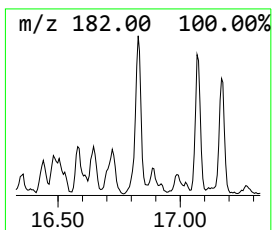
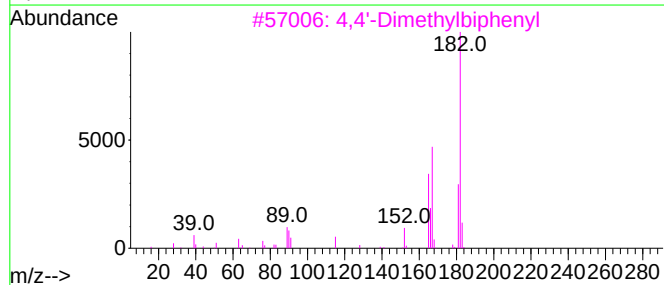
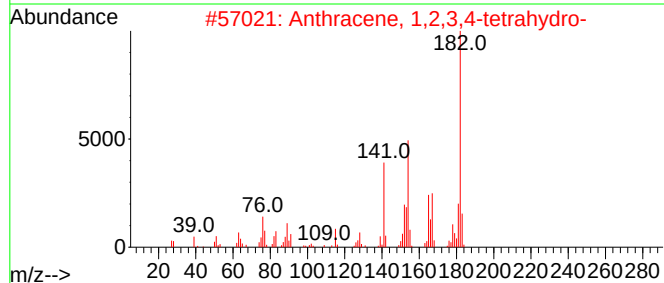
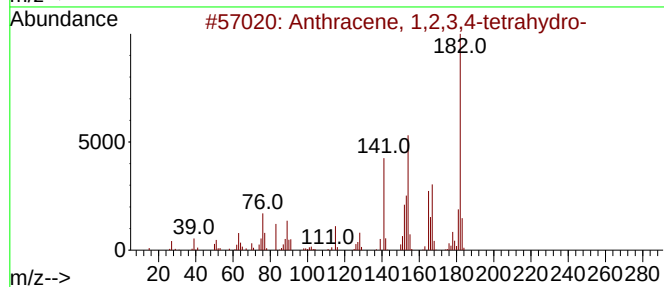
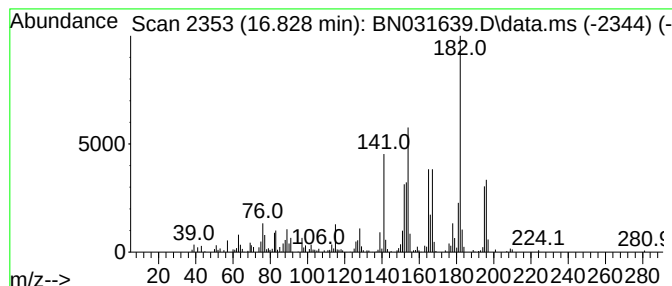
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052124.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 1,2,3,4-tetrahy... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.828	2.09 ng/ul	468230	Phenanthrene-d10	17.069	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	93
2	Anthracene, 1,2,3,4-tetrahydro-	182	C14H14	002141-42-6	86
3	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	55
4	3,3'-Dimethylbiphenyl	182	C14H14	000612-75-9	55
5	Phenanthrene, 1,2,3,4-tetrahydro-	182	C14H14	001013-08-7	49



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Data File : BN031639.D
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Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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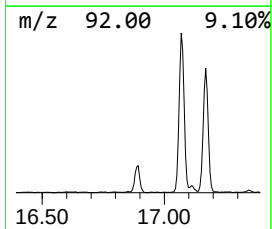
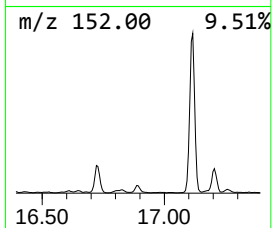
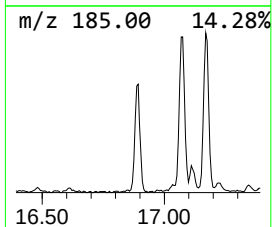
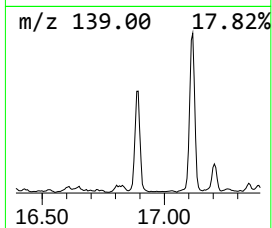
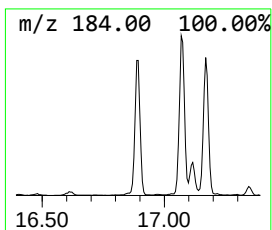
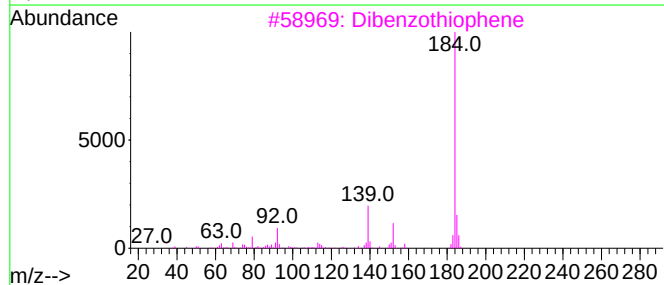
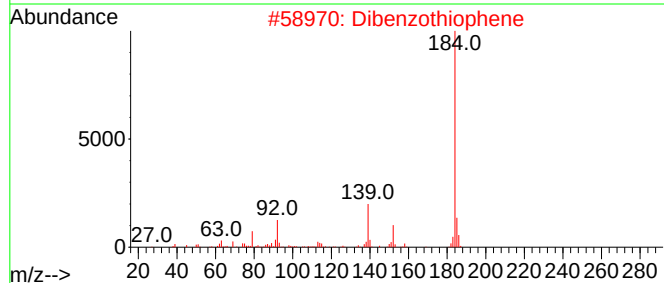
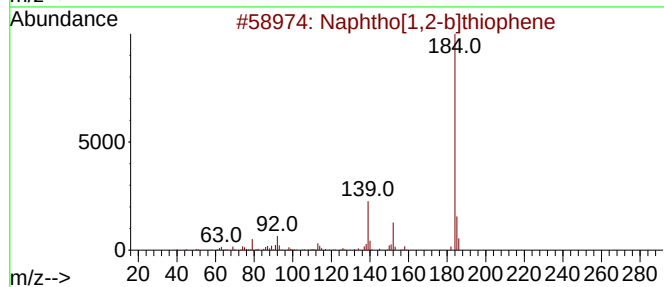
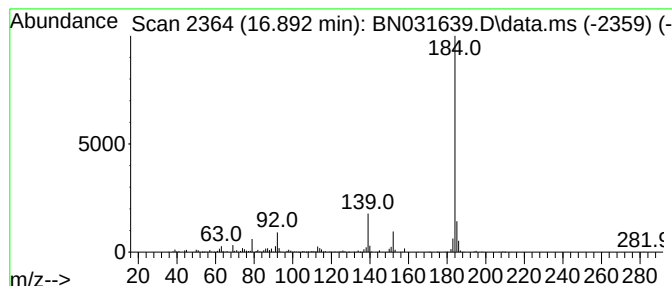
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Naphtho[1,2-b]thiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.892	2.53 ng/ul	567603	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	97
3			Dibenzothiophene	184	C12H8S	000132-65-0	97
4			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



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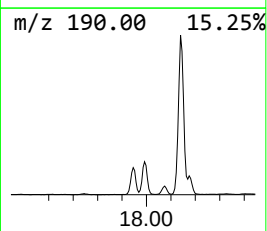
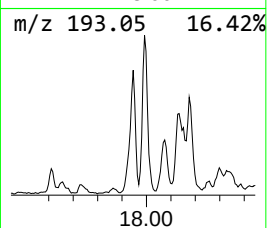
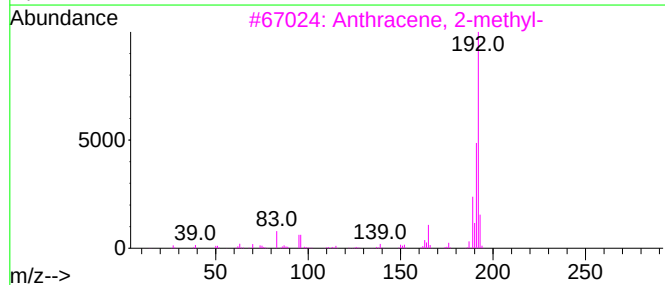
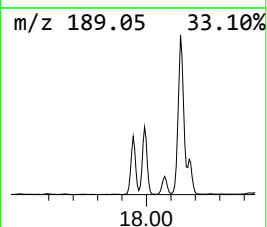
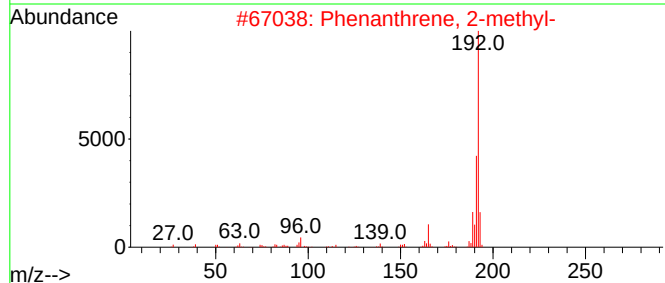
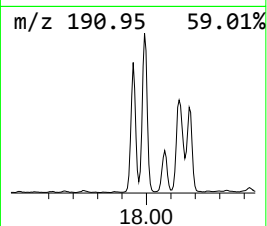
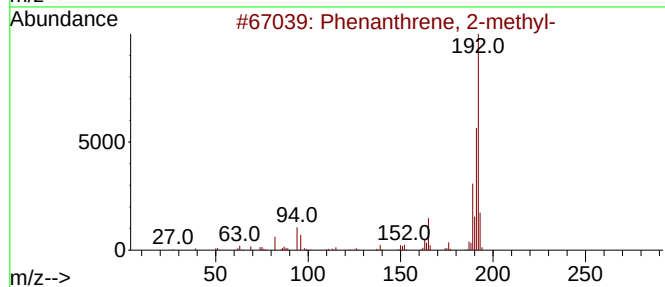
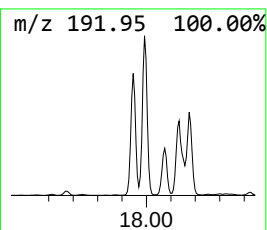
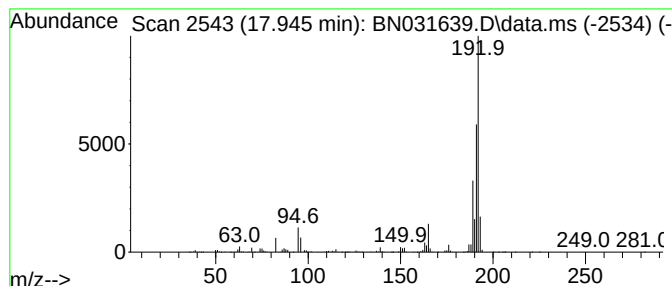
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	6.01 ng/ul	1346980	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			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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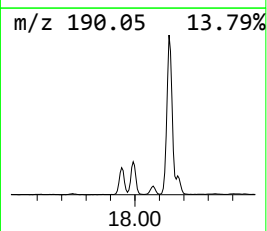
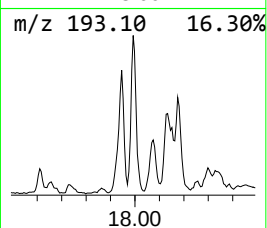
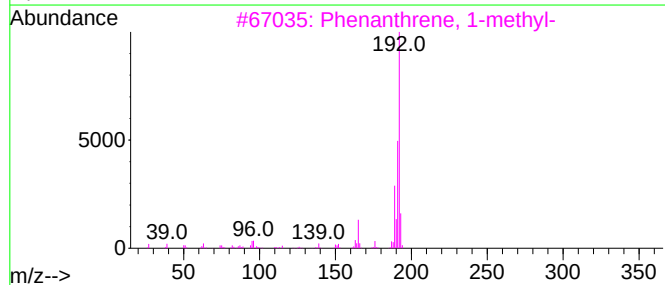
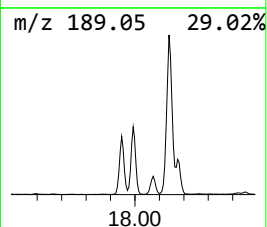
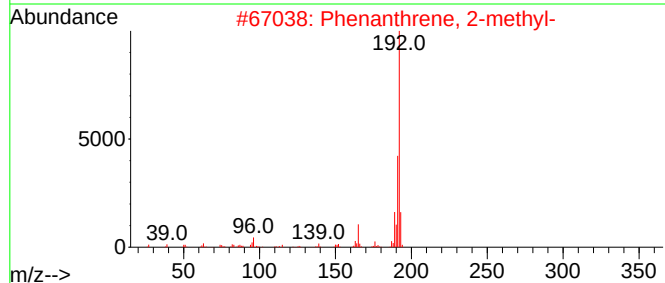
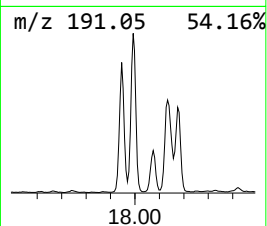
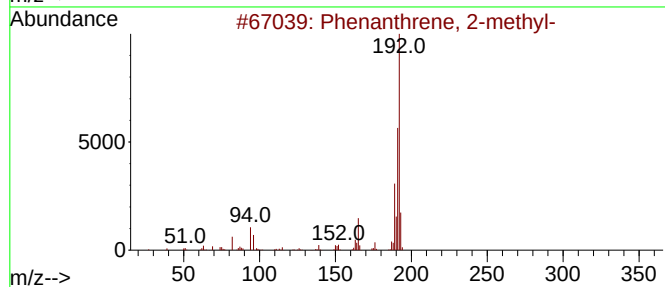
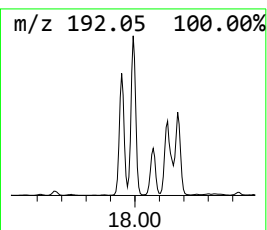
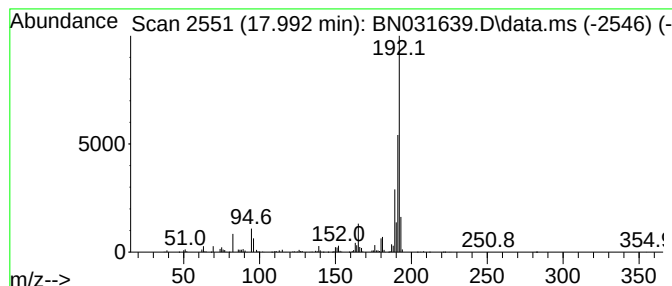
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	10.18 ng/ul	2282170	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-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
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ClientSampleId :
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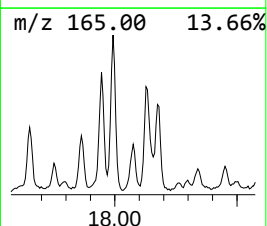
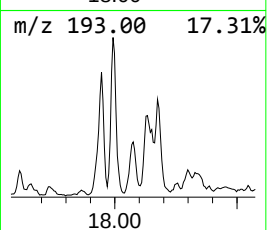
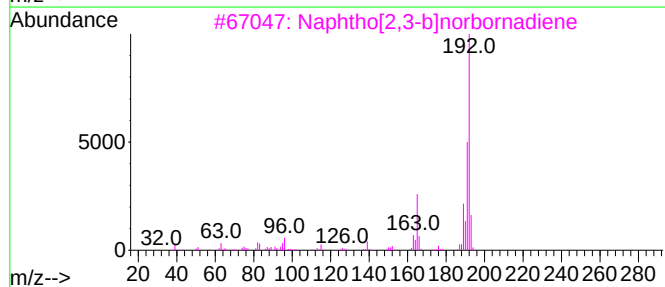
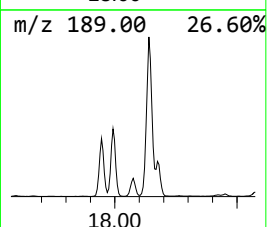
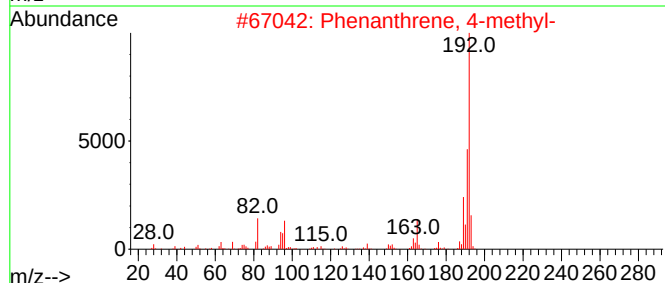
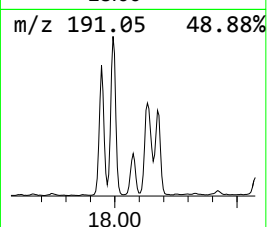
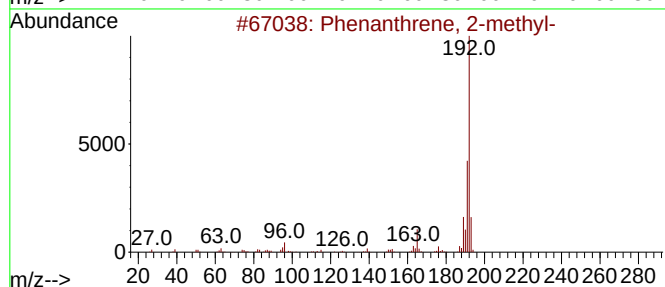
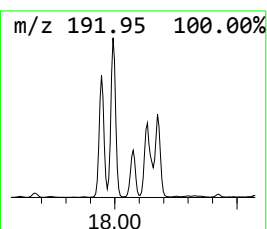
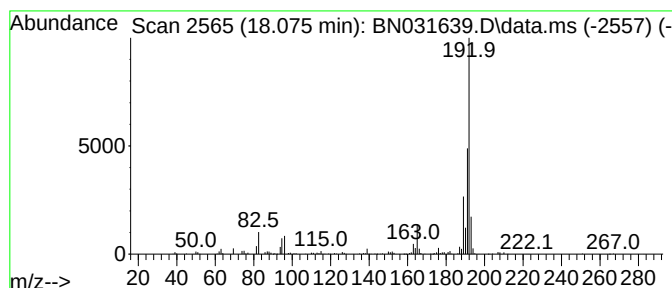
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenanthrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.075	2.45 ng/ul	550056	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3			Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
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Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
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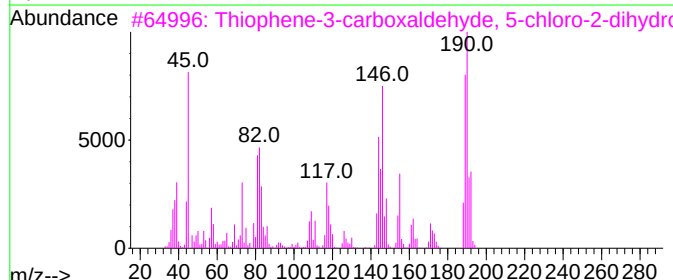
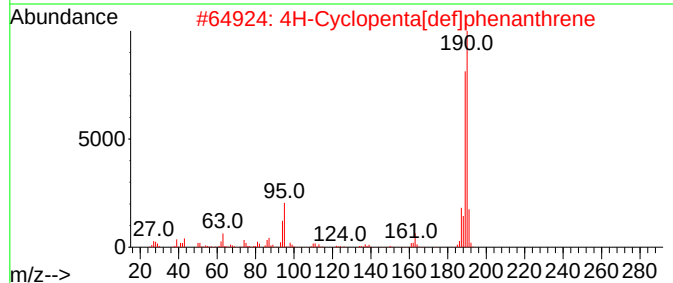
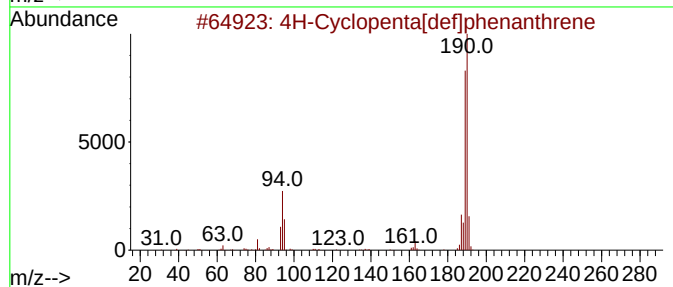
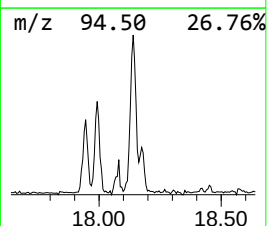
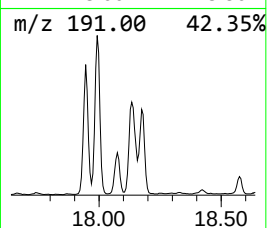
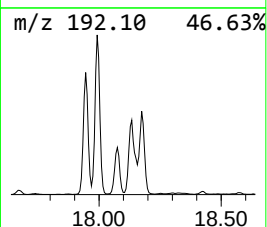
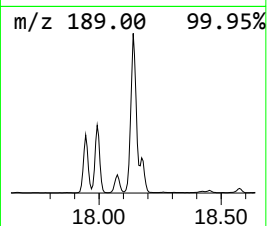
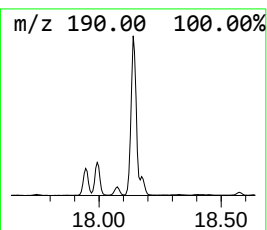
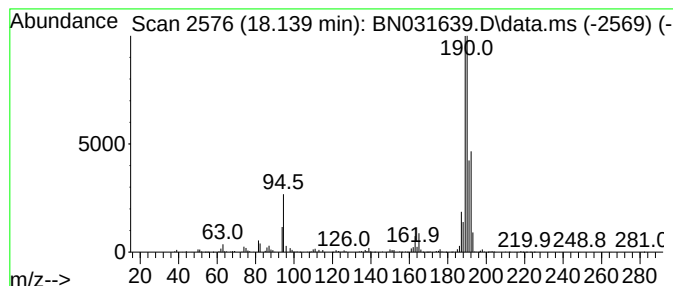
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Quant Title : SVOA CALIBRATION

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

Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	9.21 ng/ul	2065780	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	40



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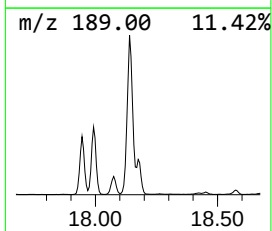
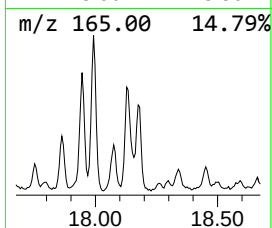
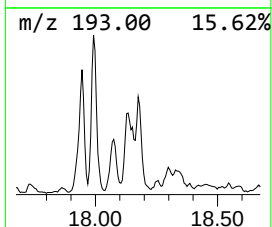
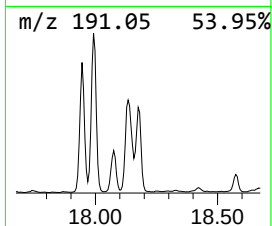
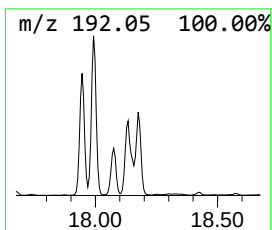
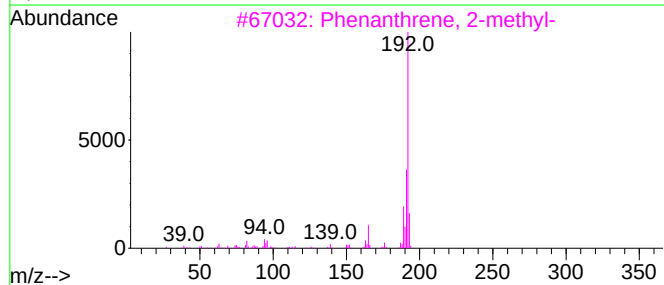
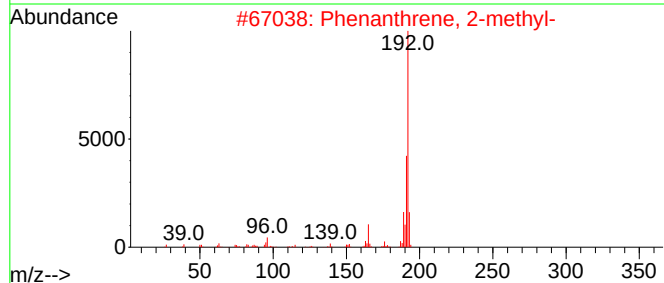
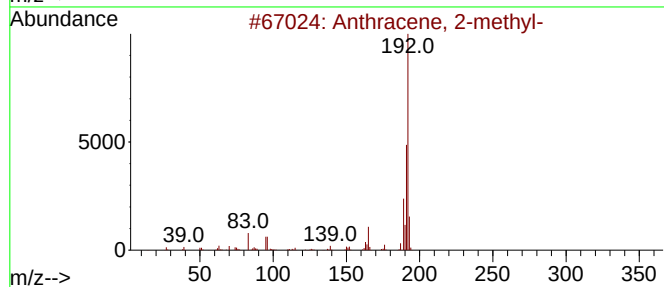
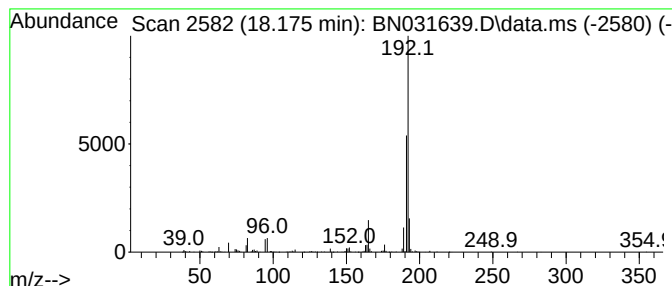
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Quant Title : SVOA CALIBRATION

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

Peak Number 9 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	3.08 ng/ul	691173	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, 2-methyl-	192	C15H12	002531-84-2	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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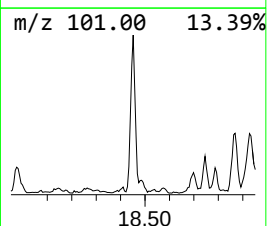
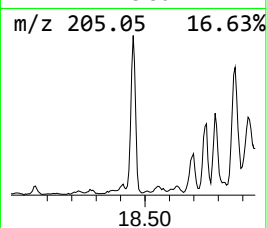
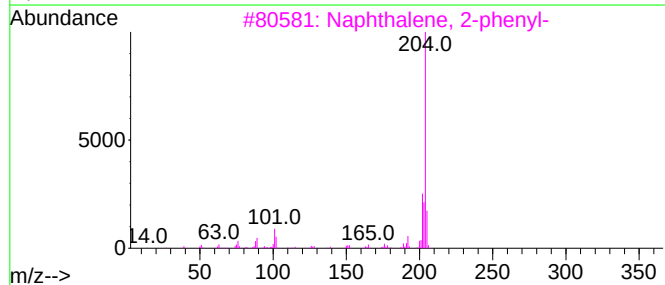
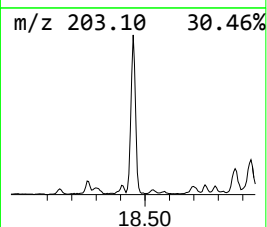
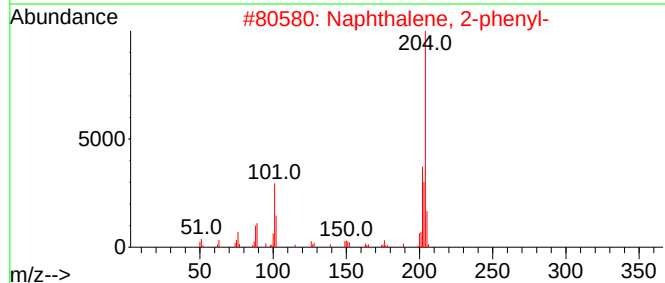
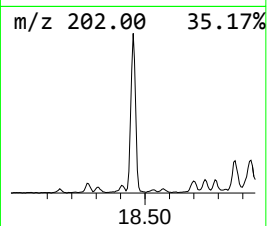
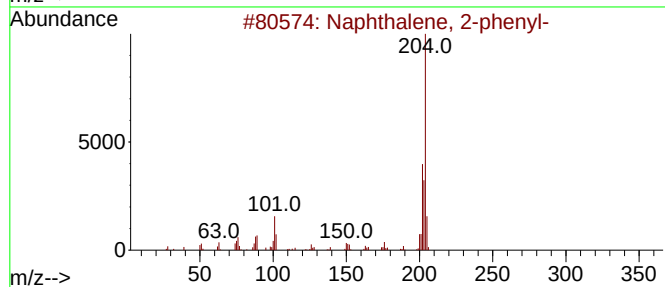
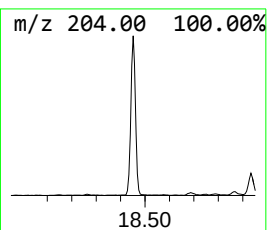
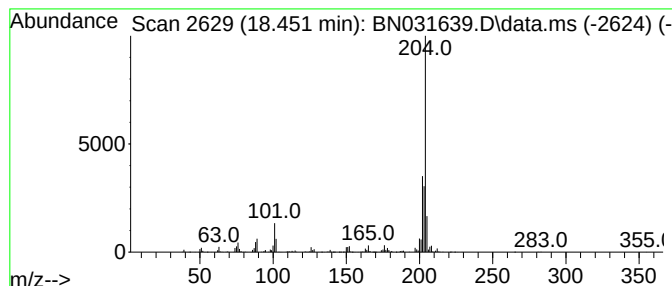
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Quant Title : SVOA CALIBRATION

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

Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	3.83 ng/ul	858642	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
5			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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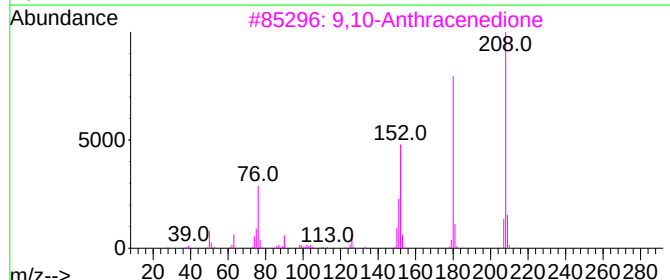
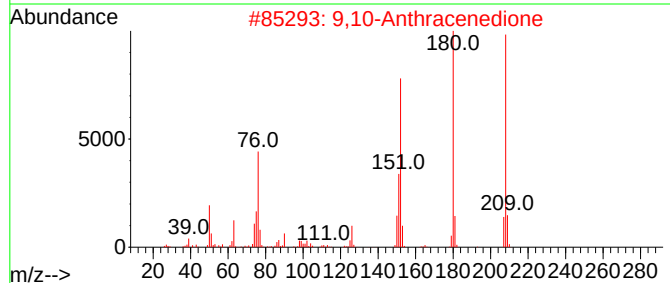
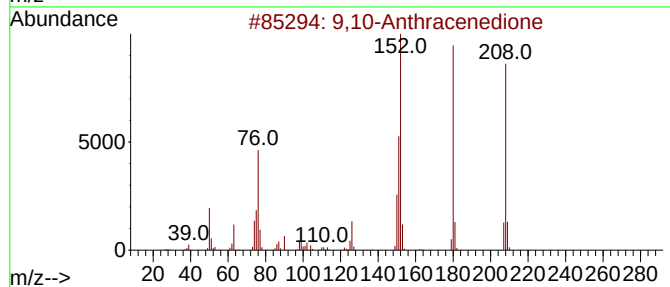
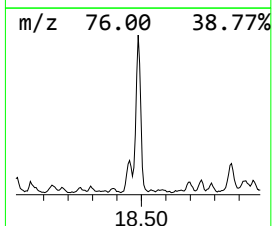
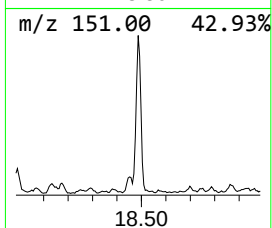
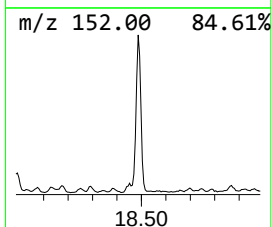
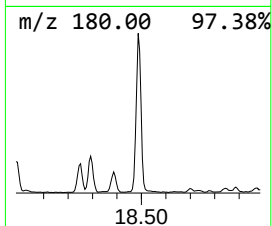
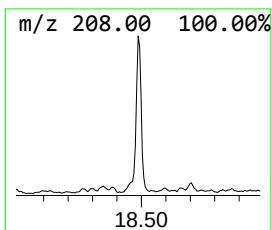
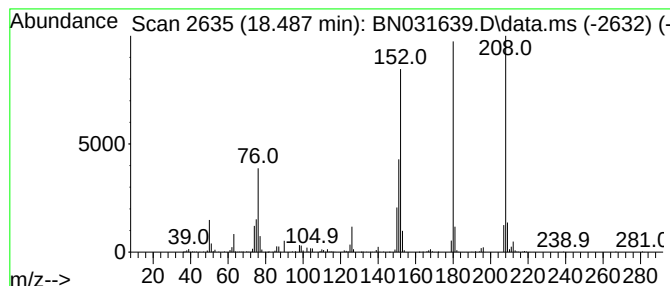
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Quant Title : SVOA CALIBRATION

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

Peak Number 11 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	4.03 ng/ul	904146	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	97
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	70



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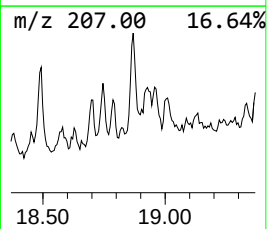
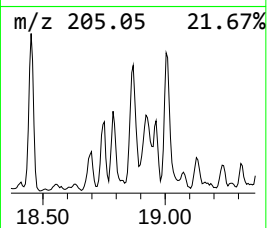
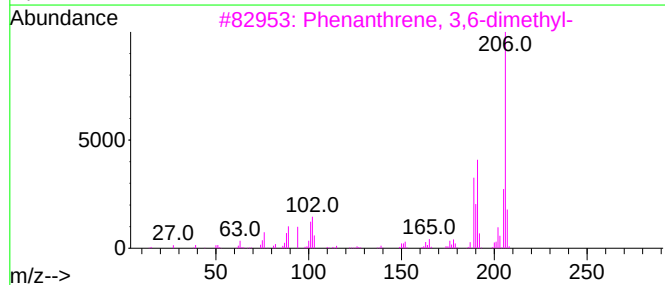
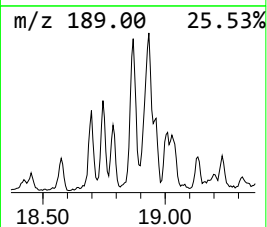
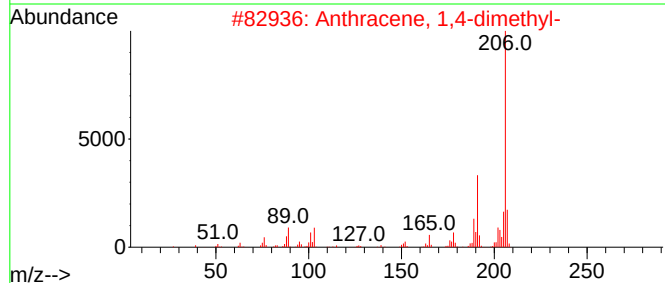
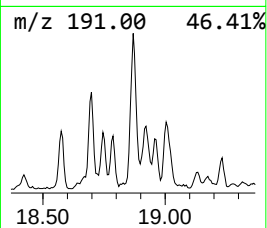
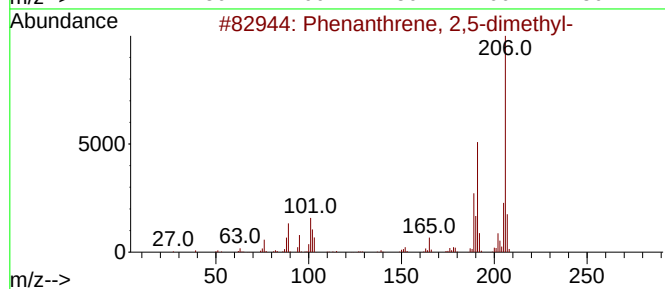
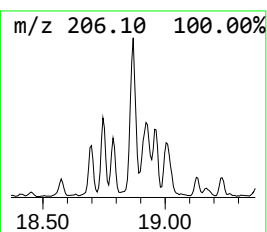
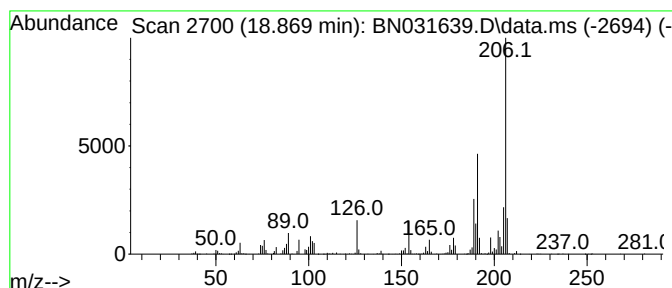
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Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	3.78 ng/ul	848223	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	90



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Data File : BN031639.D
Acq On : 23 May 2024 19:33
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Sample : P2547-16
Misc :
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Instrument :
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ClientSampleId :
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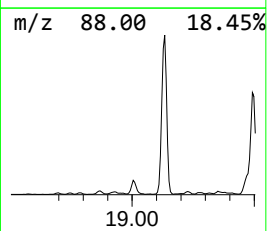
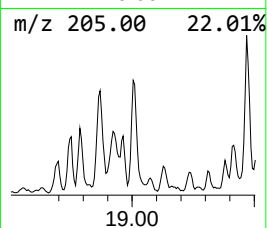
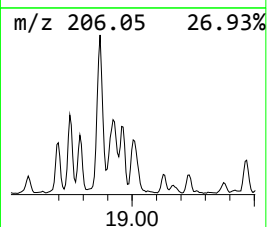
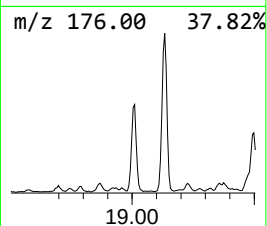
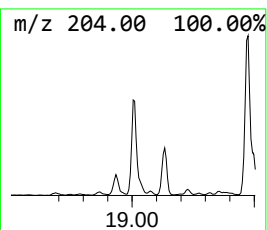
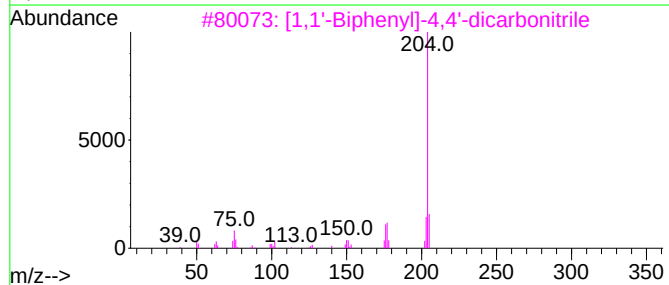
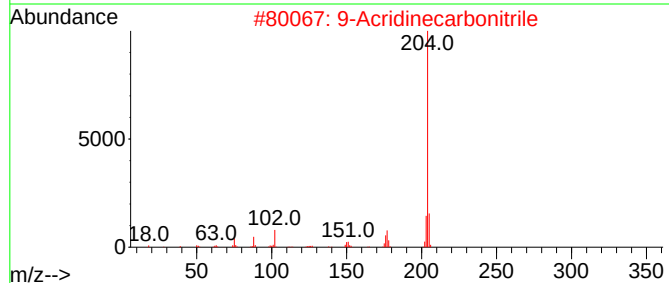
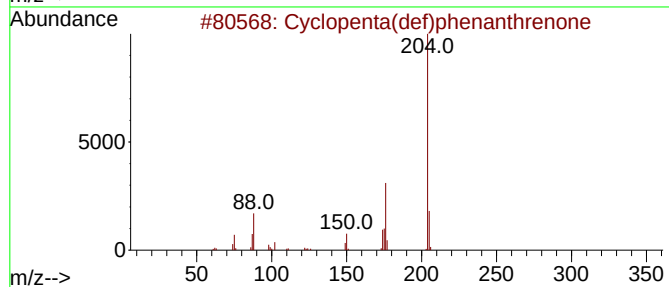
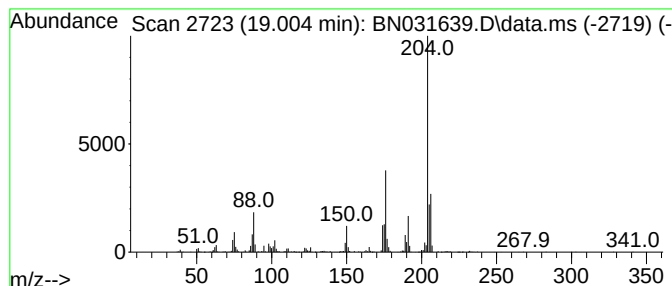
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Quant Title : SVOA CALIBRATION

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

Peak Number 13 Cyclopenta(def)phenanthrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.004	3.81 ng/ul	854284	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrene	204	C15H8O	005737-13-3	97
2			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
3			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4			[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
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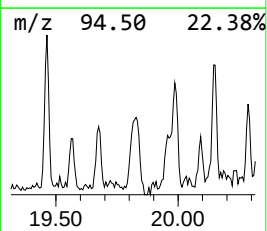
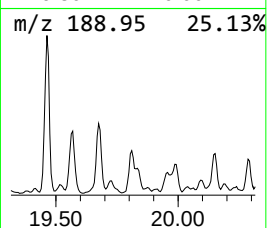
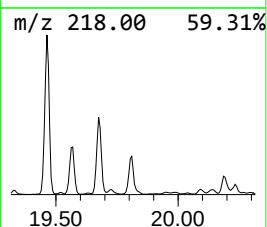
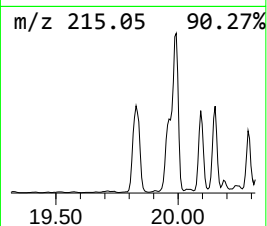
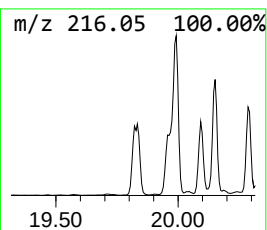
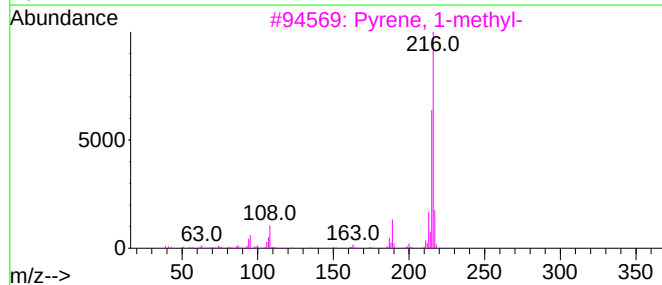
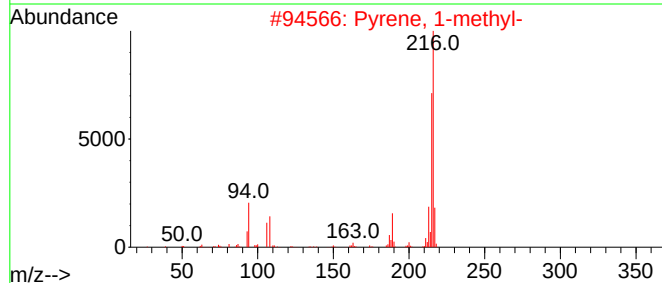
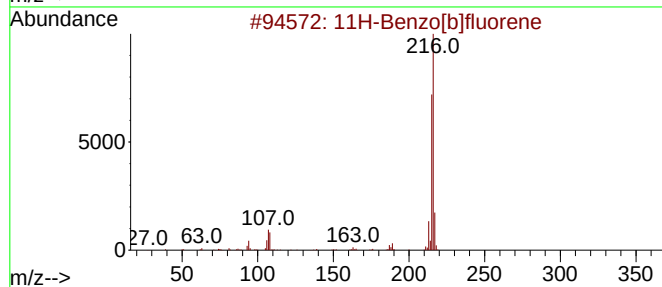
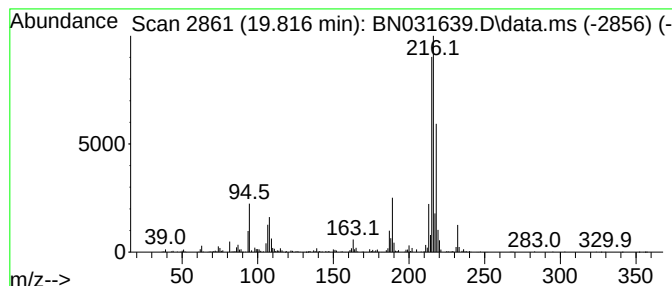
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Quant Title : SVOA CALIBRATION

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

Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.816	2.26 ng/ul	1265420	Chrysene-d12	21.304

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, 4-methyl-	216	C17H12	003353-12-6	83
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
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Sample : P2547-16
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Instrument :
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ClientSampleId :
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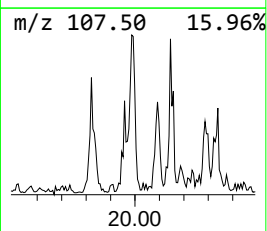
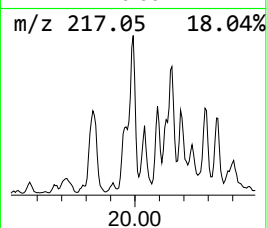
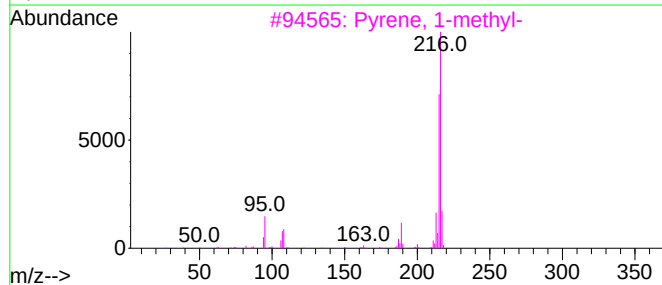
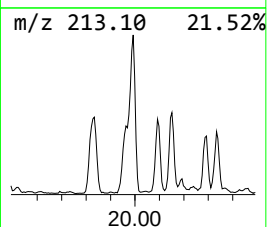
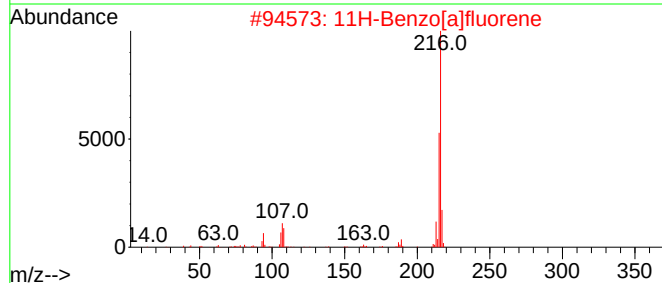
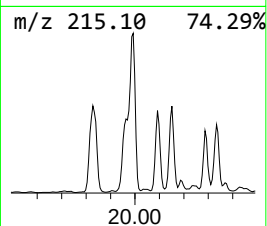
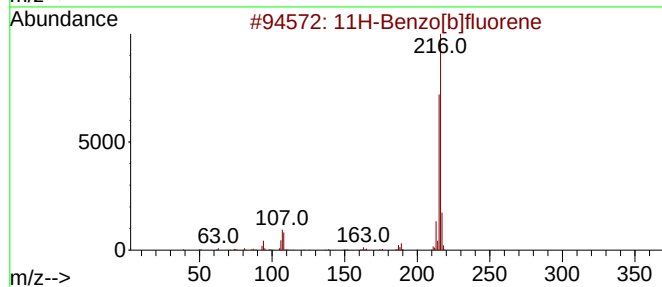
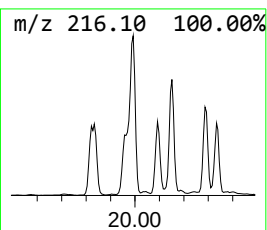
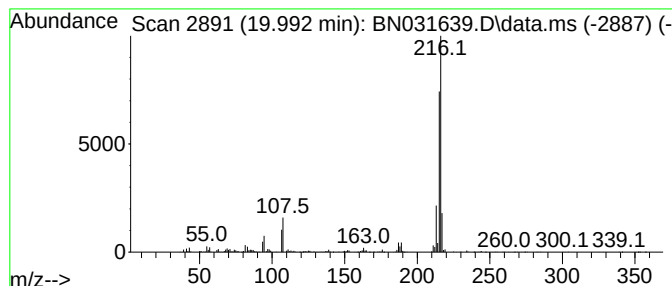
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Quant Title : SVOA CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.992	2.37 ng/ul	1324080	Chrysene-d12	21.304

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	94
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
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Misc :
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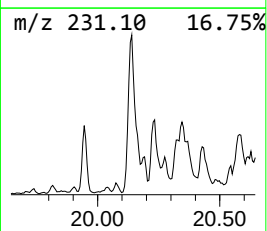
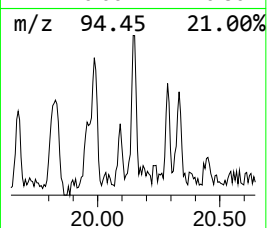
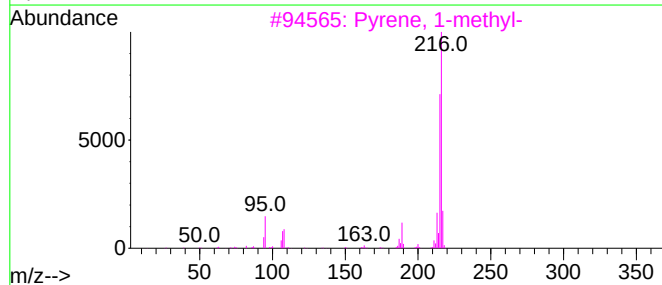
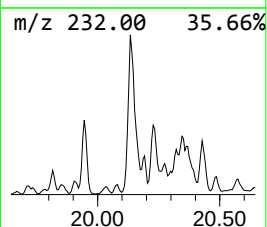
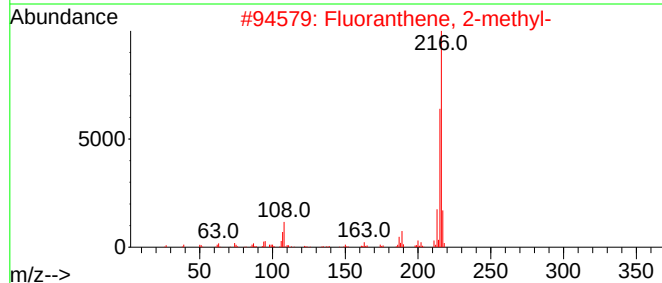
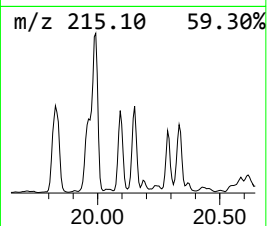
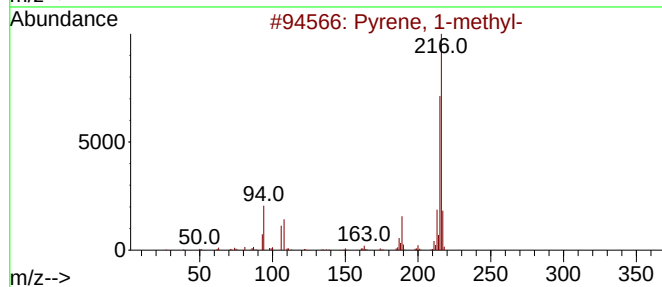
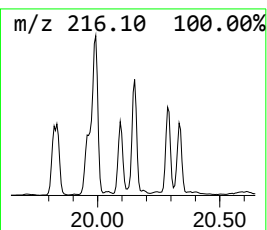
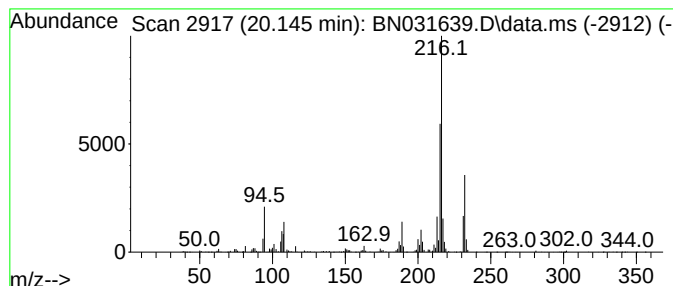
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Quant Title : SVOA CALIBRATION

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

Peak Number 16 Pyrene, 1-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.26 ng/ul	1263840	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	97
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
4			Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
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Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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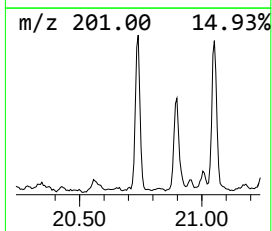
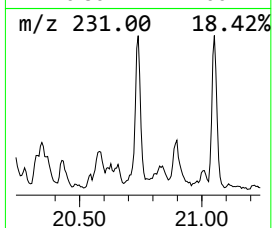
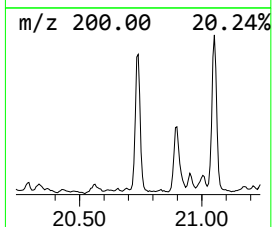
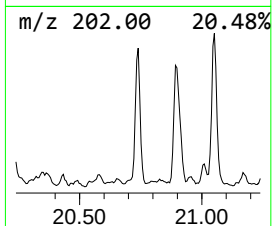
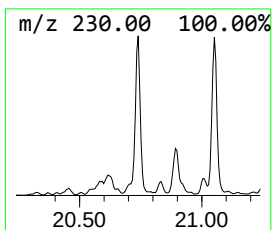
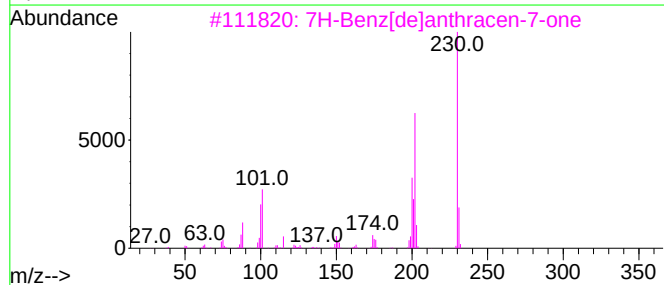
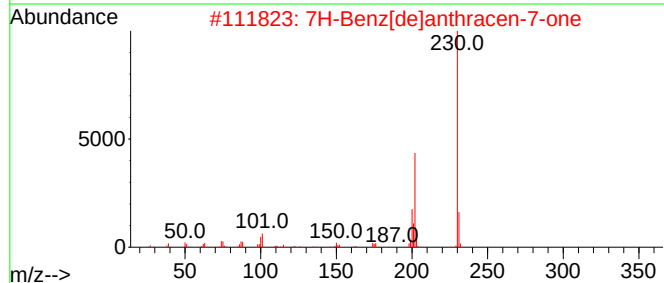
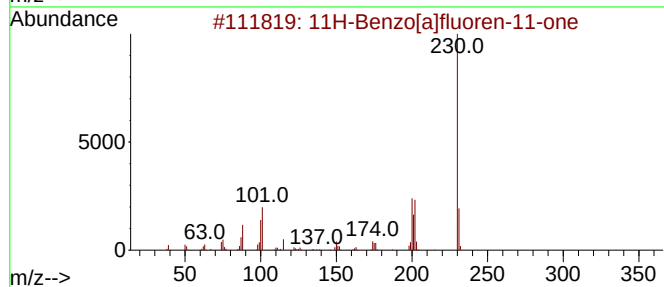
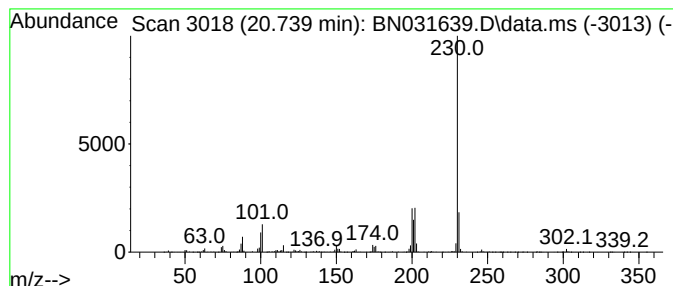
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Quant Title : SVOA CALIBRATION

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

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	2.39 ng/ul	1338520	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		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X3

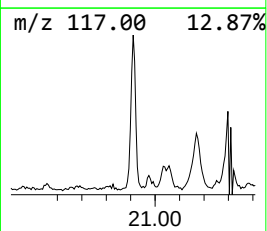
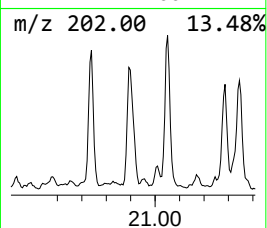
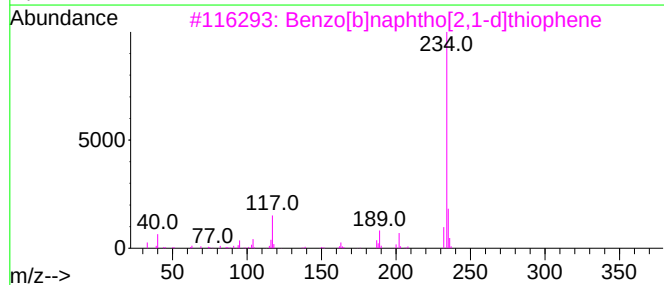
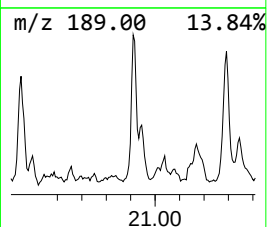
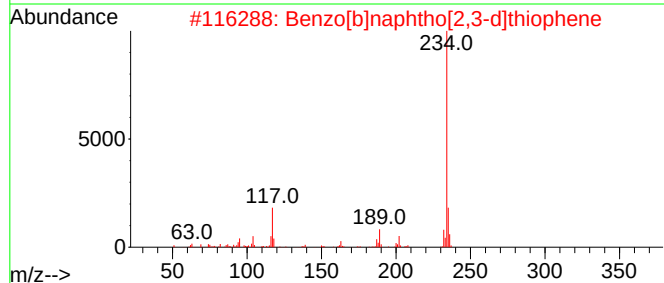
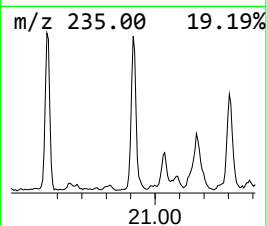
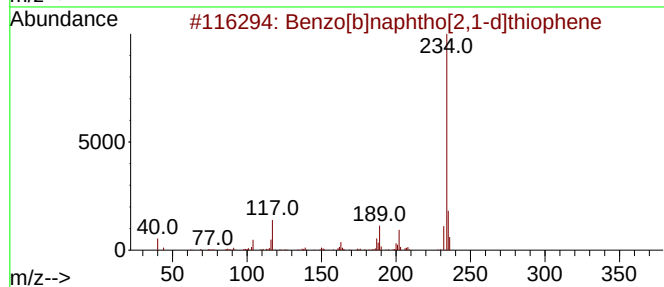
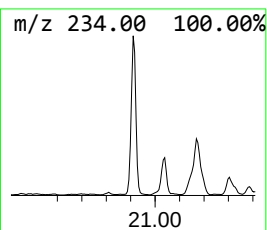
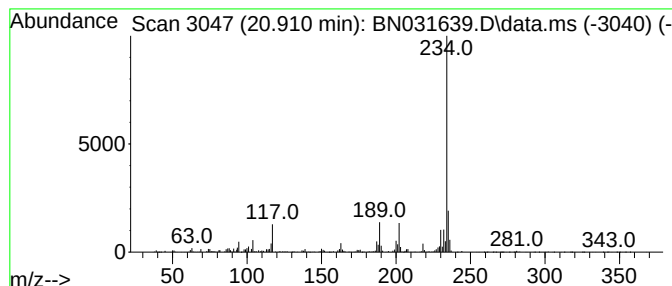
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Quant Title : SVOA CALIBRATION

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

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.910	2.74 ng/ul	1529700	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[2,3-d]thiophene	234	C16H10S	000243-46-9	95
3			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

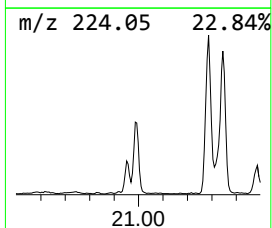
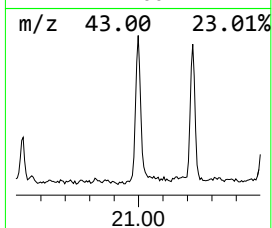
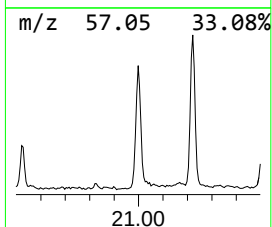
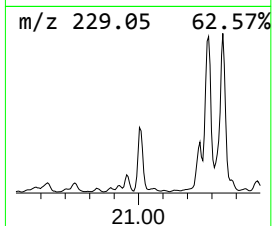
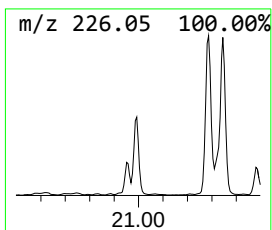
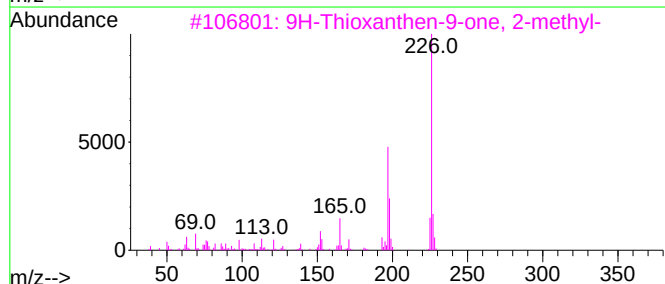
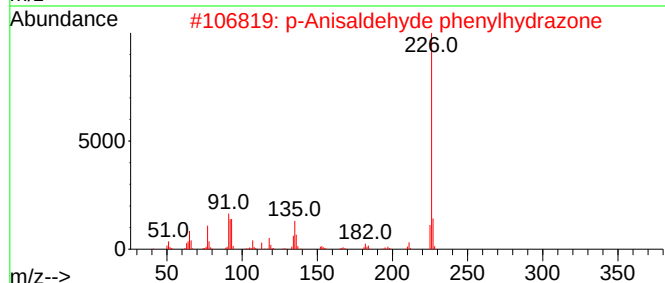
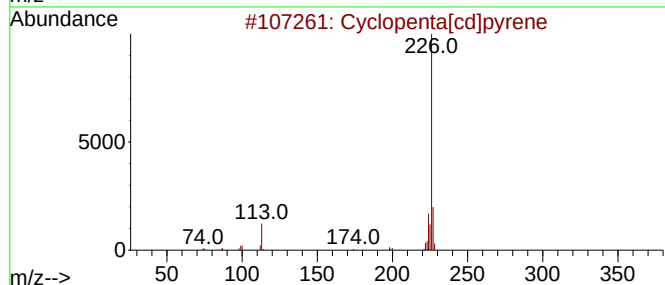
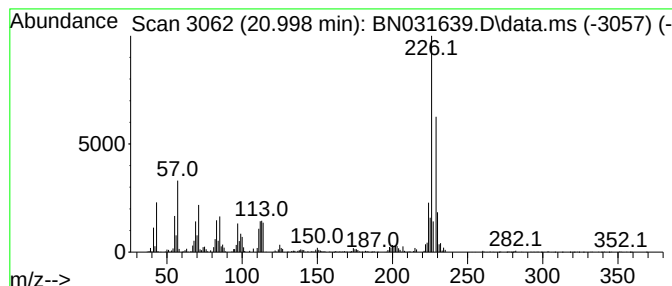
Instrument :
BNA_N
ClientSampleId :
BH5X3

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 19 unknown-01 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.998	3.48 ng/ul	1943120	Chrysene-d12	21.304	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2	p-Anisaldehyde phenylhydrazone	226	C14H14N2O	000622-73-1	43
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	38
4	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	37
5	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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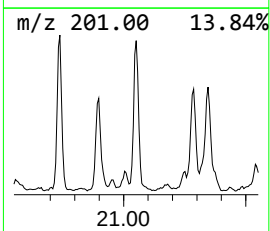
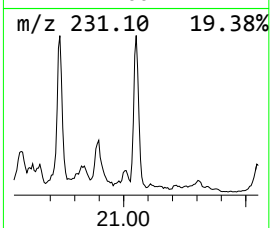
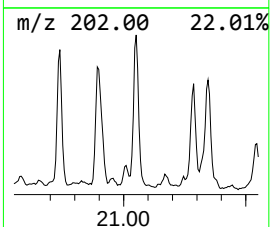
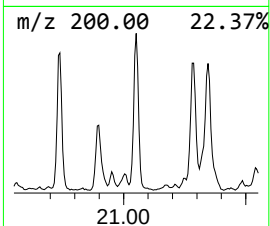
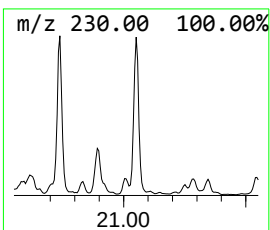
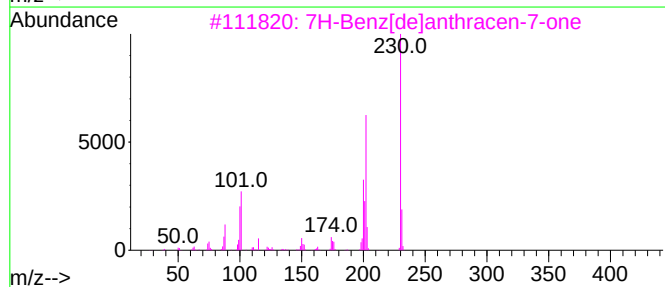
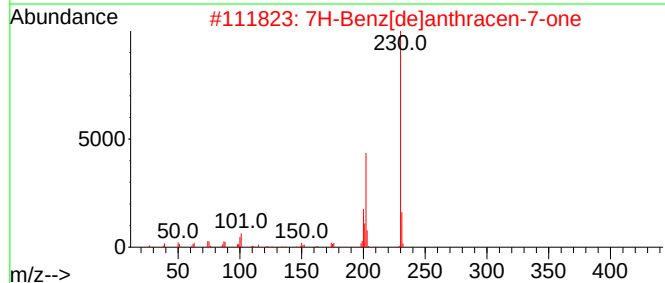
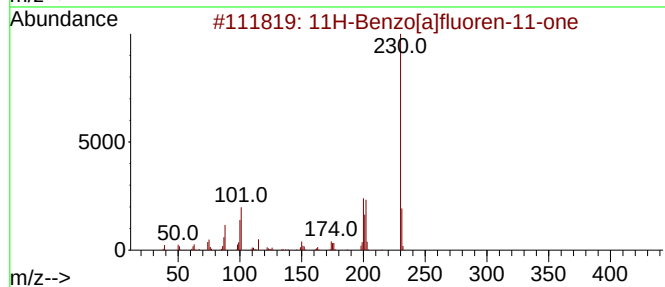
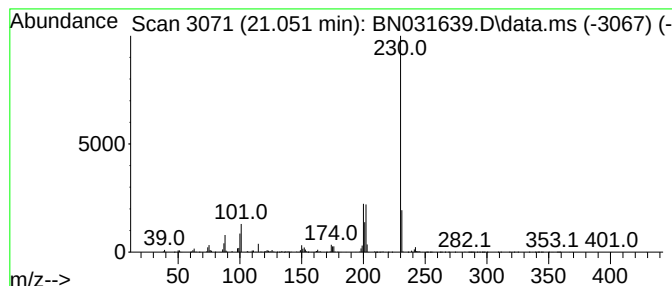
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Quant Title : SVOA CALIBRATION

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

Peak Number 20 7H-Benz[de]anthracen-7-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	2.94 ng/ul	1644870	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	91
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
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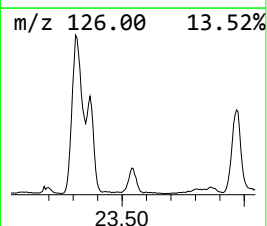
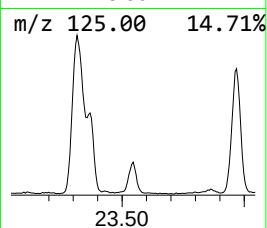
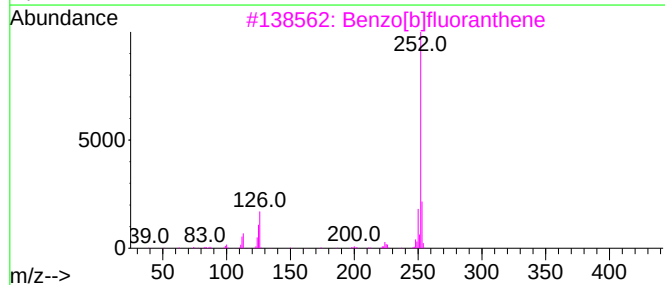
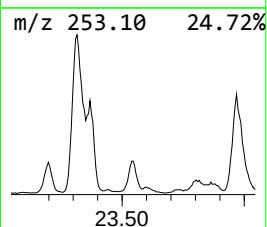
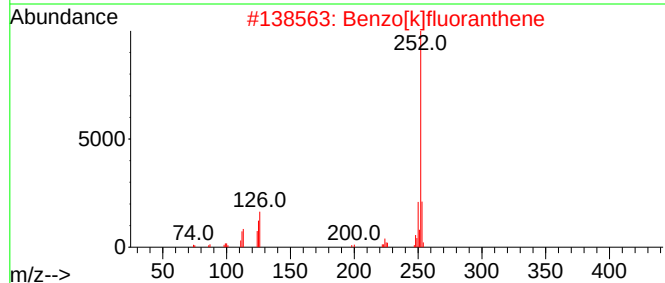
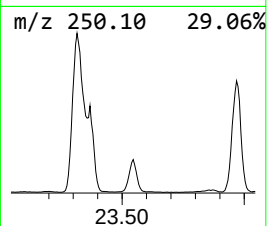
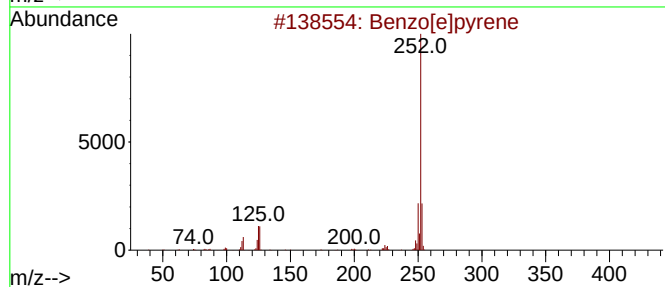
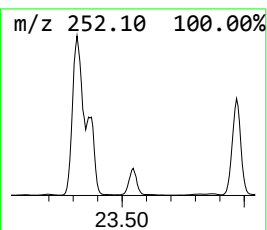
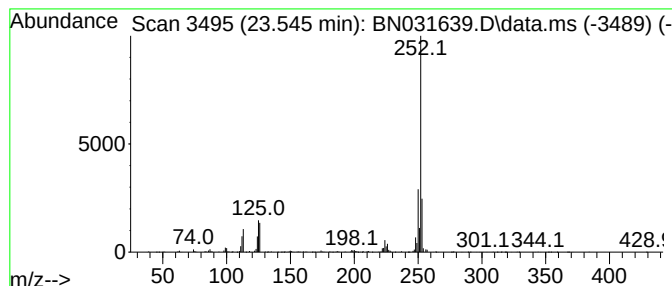
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Quant Title : SVOA CALIBRATION

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

Peak Number 21 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.545	5.59 ng/ul	1069720	Perylene-d12	24.233

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	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[j]fluoranthene	252	C20H12	000205-82-3	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X3

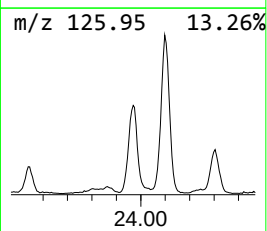
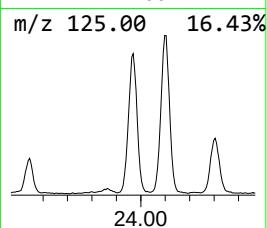
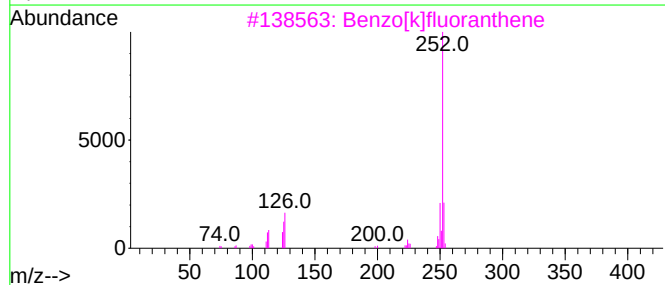
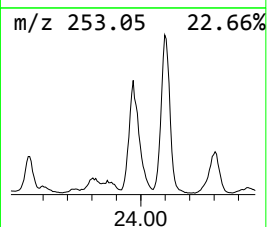
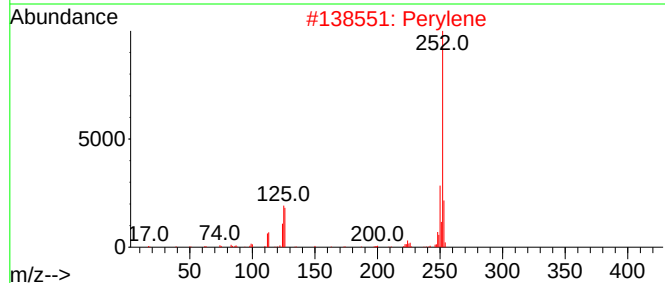
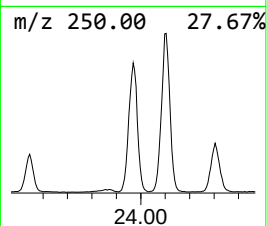
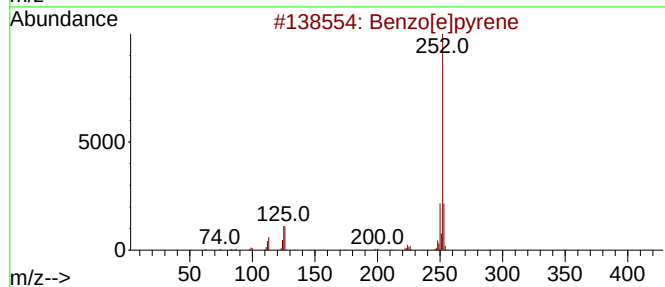
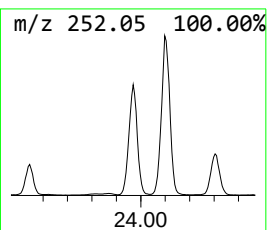
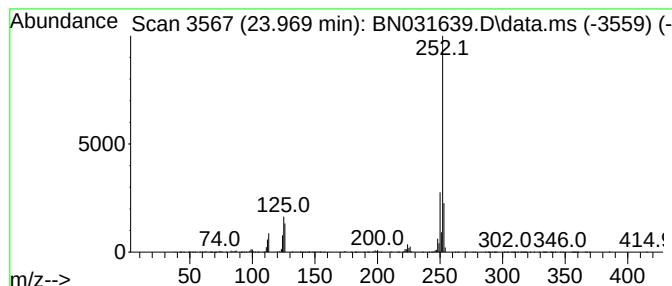
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Quant Title : SVOA CALIBRATION

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

Peak Number 22 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.969	21.72 ng/ul	4153420	Perylene-d12	24.233

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Perylene	252	C20H12	000198-55-0	98
3		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
4		Benzo[a]pyrene	252	C20H12	000050-32-8	96
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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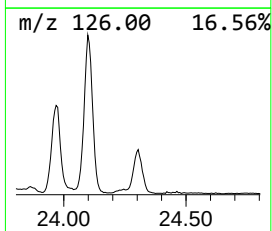
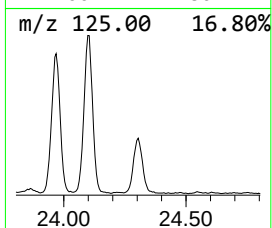
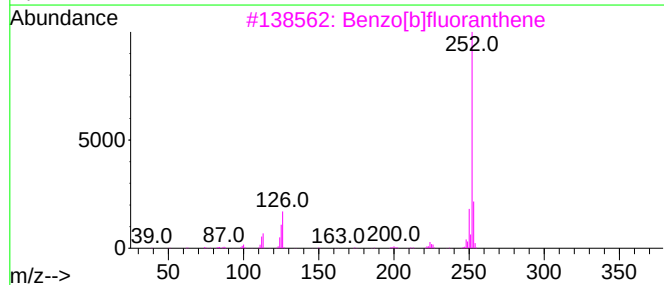
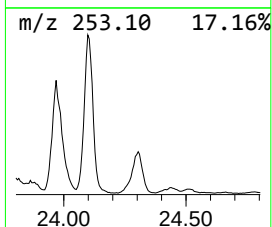
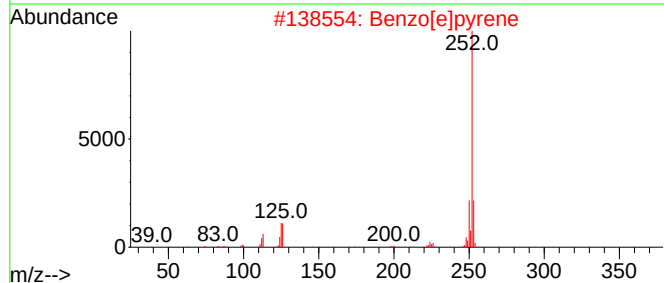
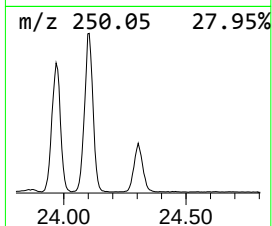
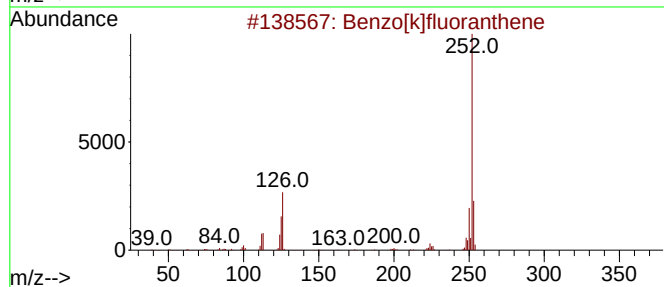
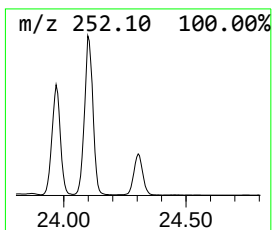
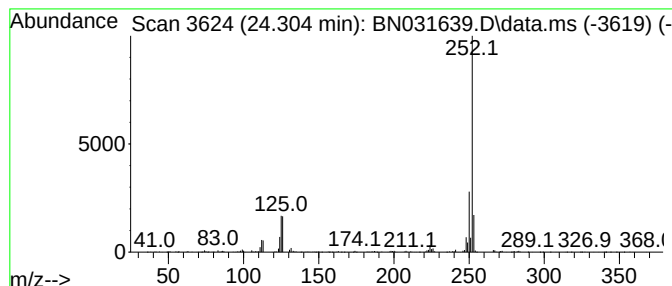
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Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.304	12.03 ng/ul	2300010	Perylene-d12	24.233

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
2		Benzo[e]pyrene	252	C20H12	000192-97-2	94
3		Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4		Perylene	252	C20H12	000198-55-0	93
5		Benzo[b]fluoranthene	252	C20H12	000205-99-2	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN052324\
Data File : BN031639.D
Acq On : 23 May 2024 19:33
Operator : MA/JU
Sample : P2547-16
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5X3

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
2H-Pyran, 2-(br...	3.711	2.2	ng/ul	279969	1	7.687	2526680	20.0
9H-Fluoren-9-one	16.728	2.8	ng/ul	616902	4	17.069	4483800	20.0
Anthracene, 1,2...	16.828	2.1	ng/ul	468230	4	17.069	4483800	20.0
Naphtho[1,2-b]t...	16.892	2.5	ng/ul	567603	4	17.069	4483800	20.0
Phenanthrene, 2...	17.945	6.0	ng/ul	1346980	4	17.069	4483800	20.0
Phenanthrene, 1...	17.992	10.2	ng/ul	2282170	4	17.069	4483800	20.0
Phenanthrene, 4...	18.075	2.5	ng/ul	550056	4	17.069	4483800	20.0
4H-Cyclopenta[d...	18.140	9.2	ng/ul	2065780	4	17.069	4483800	20.0
Anthracene, 2-m...	18.175	3.1	ng/ul	691173	4	17.069	4483800	20.0
Naphthalene, 2-...	18.451	3.8	ng/ul	858642	4	17.069	4483800	20.0
9,10-Anthracene...	18.486	4.0	ng/ul	904146	4	17.069	4483800	20.0
Phenanthrene, 2...	18.869	3.8	ng/ul	848223	4	17.069	4483800	20.0
Cyclopenta(def)...	19.004	3.8	ng/ul	854284	4	17.069	4483800	20.0
11H-Benzo[b]flu...	19.816	2.3	ng/ul	1265420	5	21.304	11181200	20.0
11H-Benzo[a]flu...	19.992	2.4	ng/ul	1324080	5	21.304	11181200	20.0
Pyrene, 1-methyl-	20.145	2.3	ng/ul	1263840	5	21.304	11181200	20.0
11H-Benzo[a]flu...	20.739	2.4	ng/ul	1338520	5	21.304	11181200	20.0
Benzo[b]naphtho...	20.910	2.7	ng/ul	1529700	5	21.304	11181200	20.0
unknown-01	20.998	3.5	ng/ul	1943120	5	21.304	11181200	20.0
7H-Benz[de]anth...	21.051	2.9	ng/ul	1644870	5	21.304	11181200	20.0
Benzo[e]pyrene	23.545	5.6	ng/ul	1069720	6	24.233	3823870	20.0
Perylene	23.969	21.7	ng/ul	4153420	6	24.233	3823870	20.0
unknown-02	24.304	12.0	ng/ul	2300010	6	24.233	3823870	20.0