

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031923.D
 Acq On : 11 Jun 2024 23:35
 Operator : MA/JU
 Sample : P2659-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC30

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

Signal : TIC: BN031923.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.687	114	119	127	rVV	278374	367604	1.61%	0.151%
2	6.834	644	654	674	rVB	882628	1513580	6.61%	0.620%
3	7.005	674	683	694	rBV	733365	1182099	5.16%	0.485%
4	7.193	706	715	724	rBV	909109	1468438	6.41%	0.602%
5	7.657	786	794	803	rBV	1125157	1843710	8.05%	0.756%
6	8.369	908	915	924	rBV	968194	1659171	7.24%	0.680%
7	8.816	984	991	998	rBV	883359	1472057	6.43%	0.603%
8	9.534	1106	1113	1124	rBV	725061	1242744	5.43%	0.509%
9	10.069	1196	1204	1214	rBV	1116328	1936742	8.46%	0.794%
10	10.440	1258	1267	1273	rBV	1684775	2946395	12.87%	1.208%
11	10.593	1283	1293	1306	rBV	289408	676069	2.95%	0.277%
12	11.187	1388	1394	1405	rBV	157365	322867	1.41%	0.132%
13	12.334	1582	1589	1597	rVV	194511	334818	1.46%	0.137%
14	13.481	1775	1784	1791	rBV	115419	305090	1.33%	0.125%
15	13.622	1802	1808	1813	rBV	284344	457343	2.00%	0.187%
16	13.722	1820	1825	1830	rVV	1961102	2692499	11.76%	1.104%
17	13.998	1860	1872	1876	rBV	2317007	4023961	17.57%	1.649%
18	14.304	1913	1924	1930	rBV	2637883	4183509	18.27%	1.715%
19	14.369	1930	1935	1943	rVB	358746	600873	2.62%	0.246%
20	14.522	1954	1961	1969	rBV	866184	1509851	6.59%	0.619%
21	14.704	1981	1992	2000	rBV	525210	960929	4.20%	0.394%
22	14.922	2021	2029	2034	rBV3	159167	327745	1.43%	0.134%
23	15.298	2087	2093	2098	rVV	3041982	4520781	19.74%	1.853%
24	15.357	2098	2103	2111	rVV	637092	1087760	4.75%	0.446%
25	15.434	2111	2116	2121	rVV	684950	1052434	4.60%	0.431%
26	15.651	2148	2153	2159	rVB	296421	455729	1.99%	0.187%
27	15.798	2169	2178	2186	rVB2	311764	698782	3.05%	0.286%
28	16.028	2209	2217	2224	rBV5	305407	756742	3.30%	0.310%
29	16.363	2264	2274	2278	rBV3	242142	555887	2.43%	0.228%
30	16.586	2305	2312	2316	rBV2	213821	404409	1.77%	0.166%
31	16.710	2328	2333	2340	rVB	899414	1310132	5.72%	0.537%
32	16.786	2341	2346	2349	rBV	182924	333845	1.46%	0.137%
33	16.875	2356	2361	2369	rVB	754381	1168829	5.10%	0.479%
34	17.057	2386	2392	2395	rVV	3167077	4833167	21.10%	1.981%
35	17.104	2395	2400	2404	rVV	10637347	16463683	71.89%	6.748%
36	17.157	2404	2409	2412	rVV	3110774	4841717	21.14%	1.984%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031923.D
 Acq On : 11 Jun 2024 23:35
 Operator : MA/JU
 Sample : P2659-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC30

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Filtering: 5

Sampling : 1

Min Area: 0.1 % of largest Peak

Start Thrs: 0.2

Max Peaks: 100

Stop Thrs : 0

Peak Location: TOP

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

Peak separation: 5

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

37	17.186	2412	2414	2419	rVV	1939523	2330140	10.17%	0.955%
38	17.251	2419	2425	2429	rVB2	184307	365689	1.60%	0.150%
39	17.463	2452	2461	2472	rBV2	832159	1611883	7.04%	0.661%
40	17.575	2473	2480	2486	rVV2	355121	602278	2.63%	0.247%
41	17.633	2486	2490	2498	rVB3	471823	785419	3.43%	0.322%
42	17.775	2510	2514	2520	rVB	199787	343826	1.50%	0.141%
43	17.928	2535	2540	2544	rVV	1872362	2968870	12.96%	1.217%
44	17.975	2544	2548	2554	rVV	2476692	4020409	17.55%	1.648%
45	18.057	2558	2562	2567	rVV	461756	651420	2.84%	0.267%
46	18.122	2567	2573	2577	rVV2	2250072	4158178	18.16%	1.704%
47	18.163	2577	2580	2589	rVB	1298171	1700363	7.42%	0.697%
48	18.245	2589	2594	2597	rBV3	264098	429130	1.87%	0.176%
49	18.280	2597	2600	2604	rVV2	203502	301192	1.32%	0.123%
50	18.328	2604	2608	2612	rVB3	198542	294421	1.29%	0.121%
51	18.433	2621	2626	2630	rBV	1331614	1825545	7.97%	0.748%
52	18.480	2630	2634	2640	rVB	1521266	2053194	8.97%	0.842%
53	18.680	2665	2668	2672	rVV2	454360	629003	2.75%	0.258%
54	18.733	2672	2677	2680	rVV	602385	808220	3.53%	0.331%
55	18.769	2680	2683	2688	rVB	460137	599743	2.62%	0.246%
56	18.851	2692	2697	2702	rBV	1207254	2127339	9.29%	0.872%
57	18.916	2702	2708	2711	rVV4	536983	1192416	5.21%	0.489%
58	18.945	2711	2713	2717	rVB	429886	477149	2.08%	0.196%
59	18.998	2717	2722	2729	rBV2	1339808	2345181	10.24%	0.961%
60	19.122	2735	2743	2749	rBV	14395829	22901920	100.00%	9.387%
61	19.186	2750	2754	2757	rBV2	344961	474464	2.07%	0.194%
62	19.216	2757	2759	2765	rVV3	391688	578728	2.53%	0.237%
63	19.269	2765	2768	2772	rVB	366813	444124	1.94%	0.182%
64	19.322	2772	2777	2780	rBV2	386290	602245	2.63%	0.247%
65	19.363	2780	2784	2787	rVB	411879	534847	2.34%	0.219%
66	19.457	2794	2800	2802	rBV2	4941085	8040863	35.11%	3.296%
67	19.486	2802	2805	2812	rVV	11298686	15976782	69.76%	6.548%
68	19.557	2812	2817	2822	rVB2	870073	1312411	5.73%	0.538%
69	19.663	2831	2835	2840	rVB	782391	1125936	4.92%	0.461%
70	19.722	2841	2845	2851	rVB2	556787	948717	4.14%	0.389%
71	19.810	2853	2860	2867	rBV2	1089628	2987365	13.04%	1.224%
72	19.945	2878	2883	2885	rBV4	912818	1569882	6.85%	0.643%
73	19.980	2885	2889	2897	rVB	1756247	2689335	11.74%	1.102%
74	20.080	2902	2906	2909	rVV	981406	1224087	5.34%	0.502%
75	20.139	2909	2916	2920	rVV2	1540084	2611975	11.41%	1.071%
76	20.180	2920	2923	2926	rVV3	237244	304494	1.33%	0.125%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
 Data File : BN031923.D
 Acq On : 11 Jun 2024 23:35
 Operator : MA/JU
 Sample : P2659-09
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHC30

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF Filtering: 5
 Sampling : 1 Min Area: 0.1 % of largest Peak
 Start Thrs: 0.2 Max Peaks: 100
 Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

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

77	20.222	2926	2930	2934	rVV3	303541	630463	2.75%	0.258%
78	20.274	2936	2939	2943	rVV	882258	1259838	5.50%	0.516%
79	20.322	2943	2947	2951	rVB	853419	1139102	4.97%	0.467%
80	20.727	3012	3016	3023	rVB	1635228	2317778	10.12%	0.950%
81	20.898	3039	3045	3049	rBV2	1394389	2508272	10.95%	1.028%
82	20.939	3049	3052	3055	rVV	1283518	1669415	7.29%	0.684%
83	20.980	3055	3059	3065	rVV2	1747821	3358292	14.66%	1.376%
84	21.045	3066	3070	3081	rVB	1632201	2758614	12.05%	1.131%
85	21.198	3093	3096	3100	rVB	738654	905985	3.96%	0.371%
86	21.274	3104	3109	3116	rVV3	6822422	15237584	66.53%	6.245%
87	21.333	3116	3119	3130	rVB	5731441	9000850	39.30%	3.689%
88	21.474	3139	3143	3149	rBV2	530725	967716	4.23%	0.397%
89	21.533	3150	3153	3161	rVV4	352271	749616	3.27%	0.307%
90	21.663	3171	3175	3181	rVB3	270683	631659	2.76%	0.259%
91	21.963	3222	3226	3232	rVB	974174	1522776	6.65%	0.624%
92	22.027	3233	3237	3243	rBV3	659523	1163045	5.08%	0.477%
93	22.210	3264	3268	3272	rBV2	436890	658065	2.87%	0.270%
94	23.304	3445	3454	3460	rBV	3785491	11420239	49.87%	4.681%
95	23.527	3487	3492	3499	rVB2	600737	1277123	5.58%	0.523%
96	23.951	3558	3564	3570	rBV	803346	1899413	8.29%	0.779%
97	24.021	3571	3576	3580	rVV2	827087	1707102	7.45%	0.700%
98	24.086	3581	3587	3600	rVB	1919258	4761306	20.79%	1.952%
99	24.221	3602	3610	3618	rBV	1375998	3648386	15.93%	1.495%
100	27.521	4161	4171	4191	rVB3	1159000	5324523	23.25%	2.182%

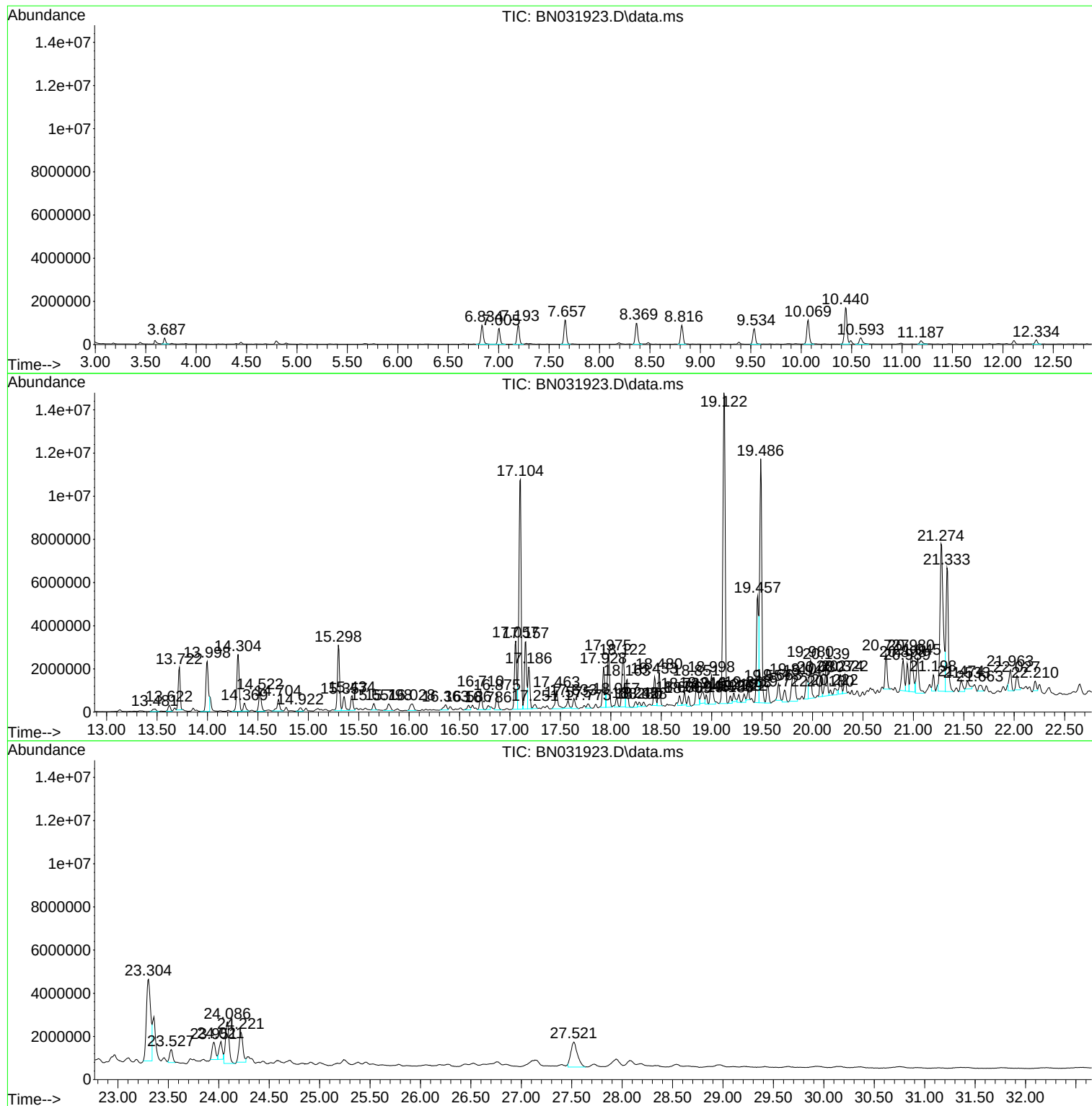
Sum of corrected areas: 243978336

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

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

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

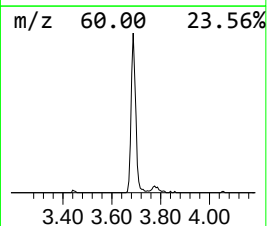
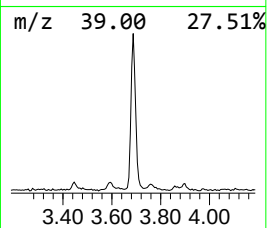
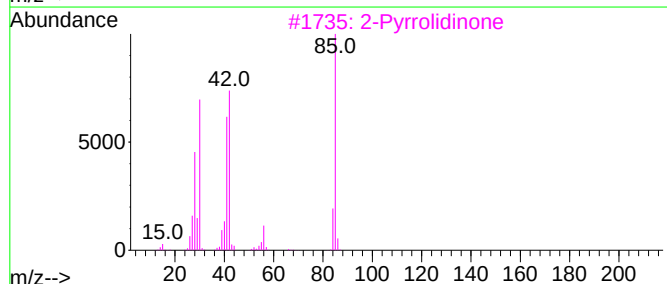
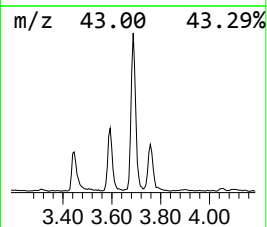
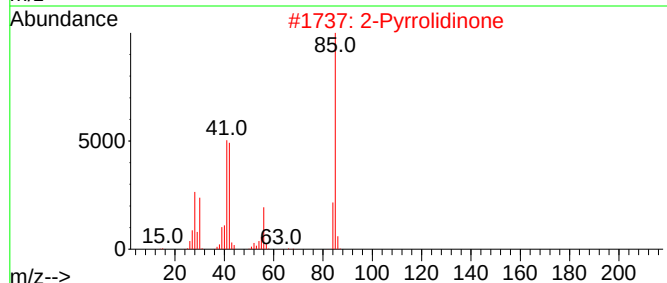
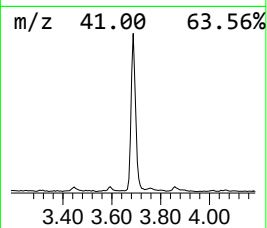
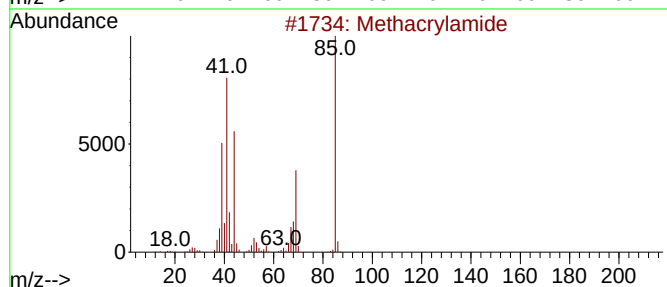
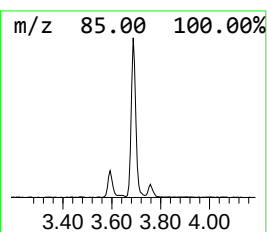
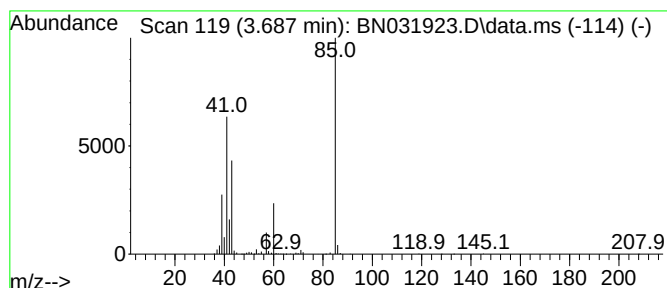
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.687	3.99 ng/ul	367604	1,4-Dichlorobenzene-d4	7.657

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Methacrylamide	85	C4H7NO	000079-39-0	33
2			2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
3			2-Pyrrolidinone	85	C4H7NO	000616-45-5	9
4			Pentanoic acid, propyl ester	144	C8H16O2	000141-06-0	9
5			2-Methylbutanoic anhydride	186	C10H18O3	001468-39-9	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

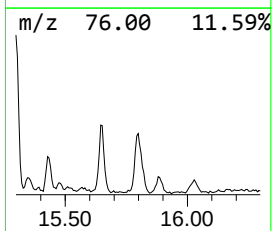
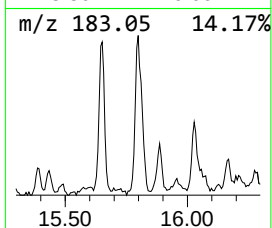
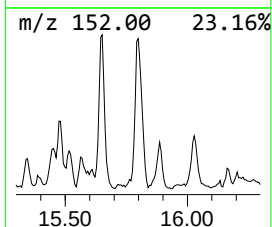
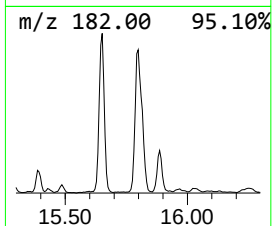
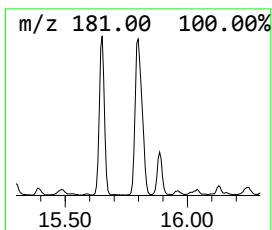
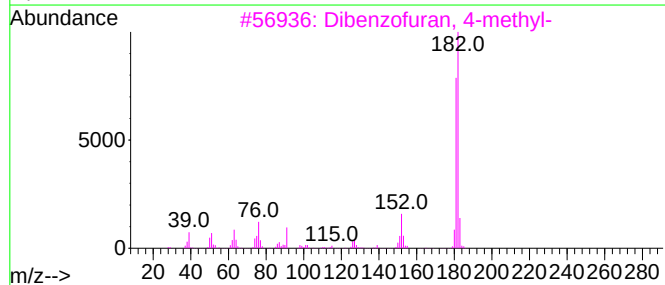
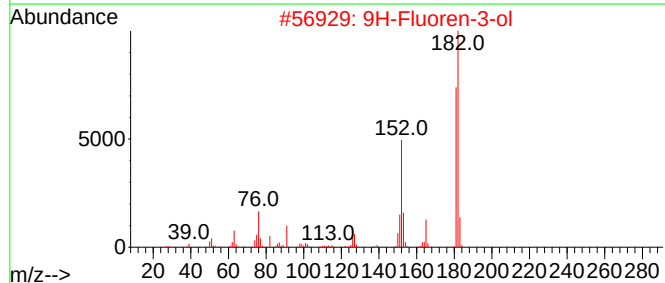
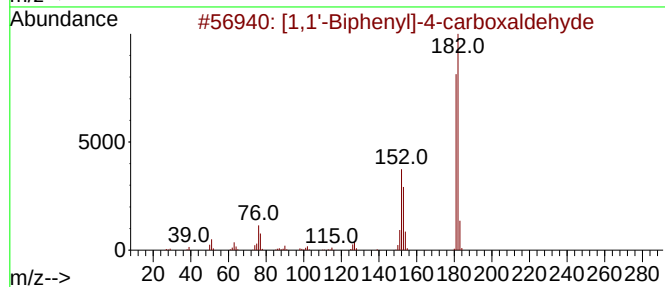
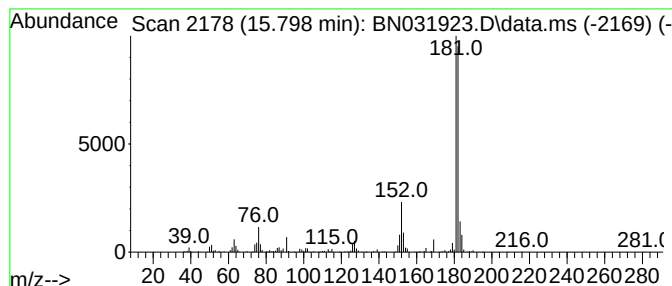
Instrument :
BNA_N
ClientSampleId :
BHC30

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

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

Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
15.798	2.89 ng/ul	698782	Phenanthrene-d10	17.057	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	90
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	87
3	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
4	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

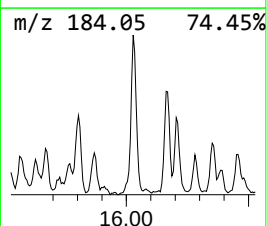
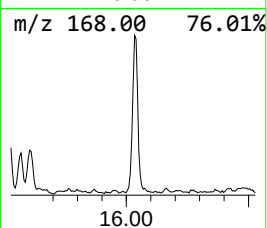
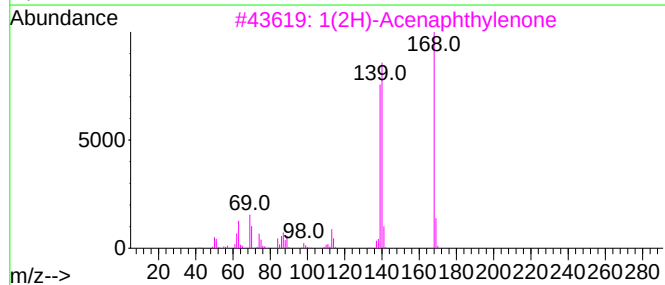
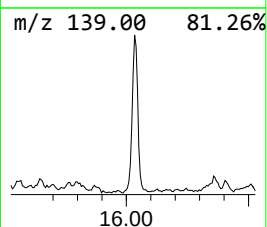
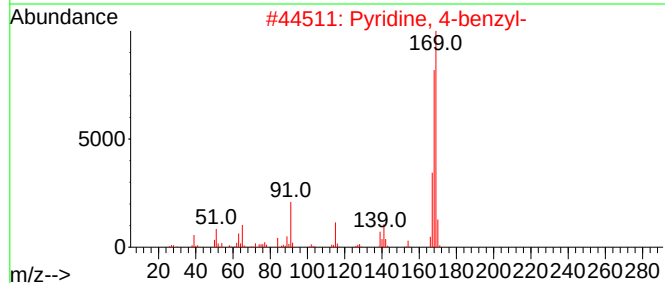
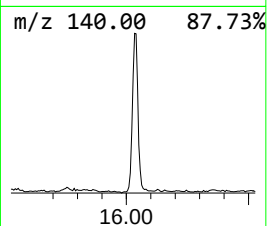
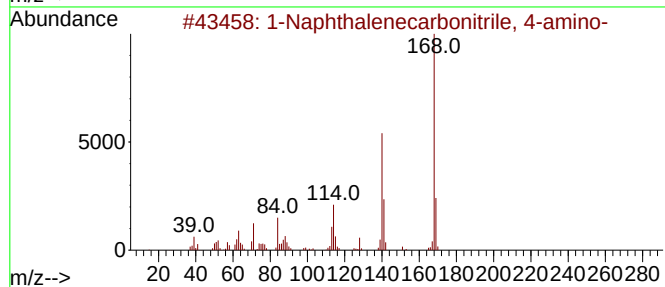
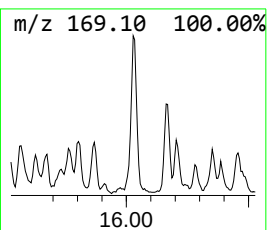
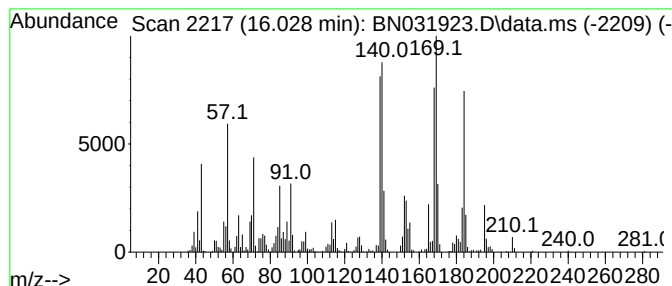
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.028	3.13 ng/ul	756742	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Naphthalenecarbonitrile, 4-amino-	168	C11H8N2	058728-64-6	30
2			Pyridine, 4-benzyl-	169	C12H11N	002116-65-6	30
3			1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	30
4			4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	25
5			2-p-Tolylpyridine	169	C12H11N	004467-06-5	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

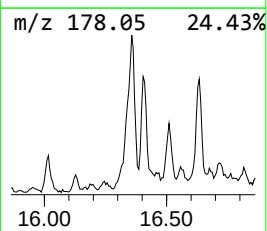
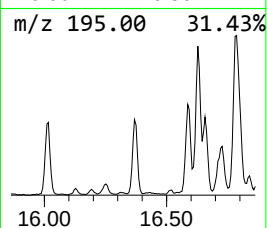
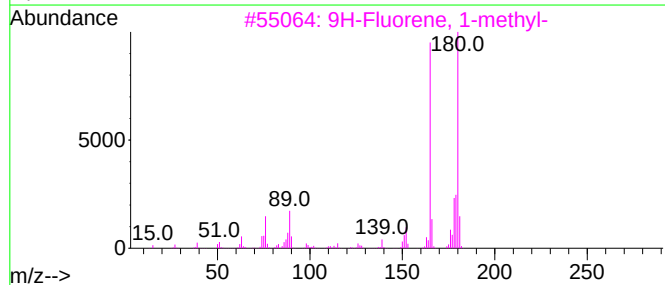
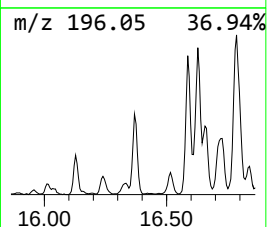
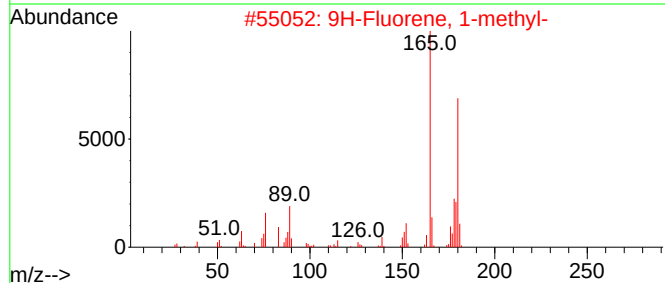
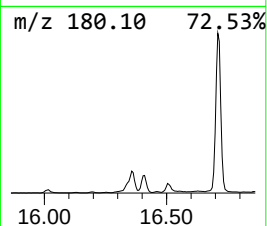
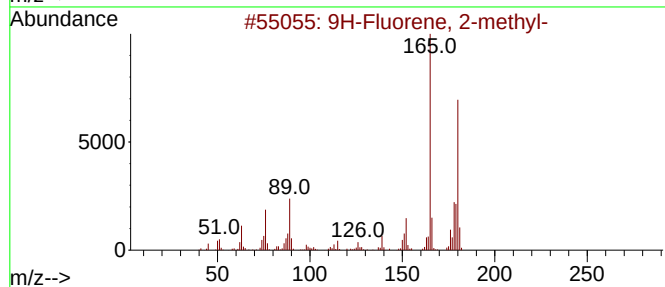
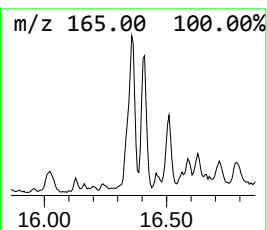
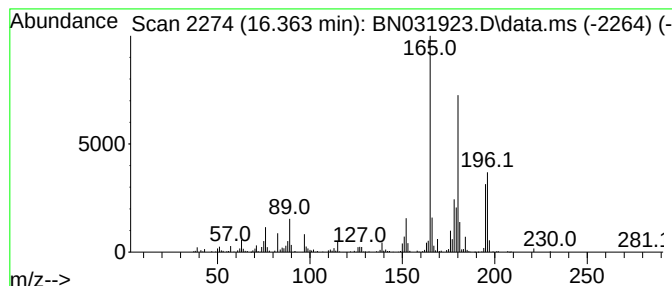
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.363	2.30 ng/ul	555887	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	97
2	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	93
3	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	90
4	9H-Fluorene, 9-methyl-			180	C14H12	002523-37-7	83
5	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

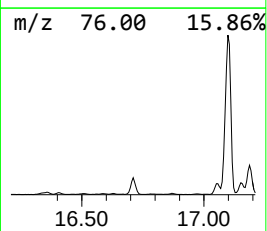
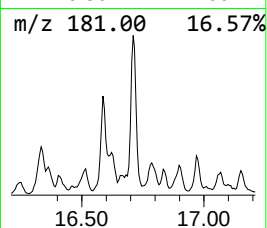
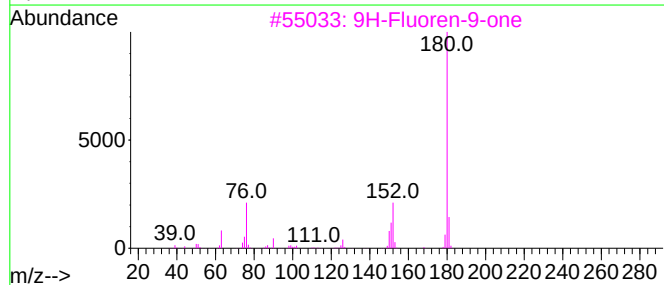
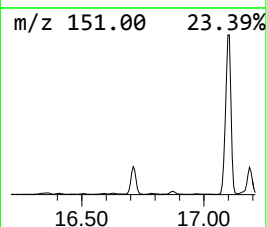
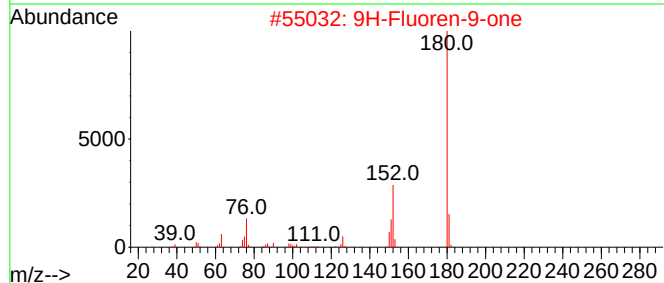
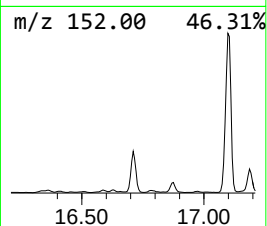
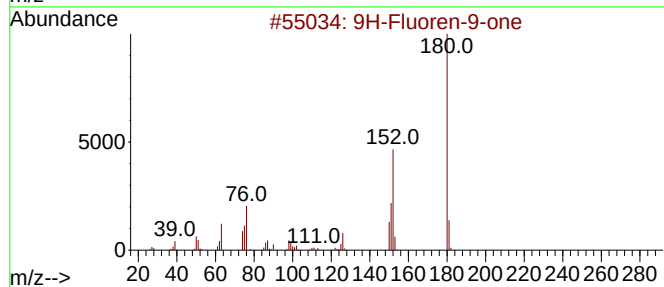
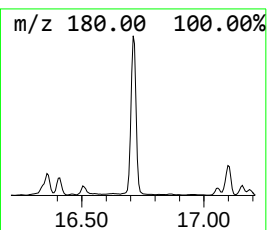
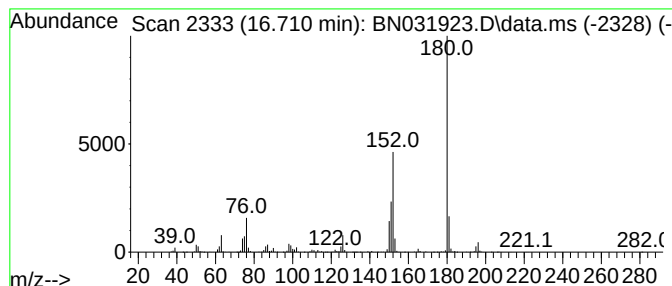
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.710	5.42 ng/ul	1310130	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
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			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

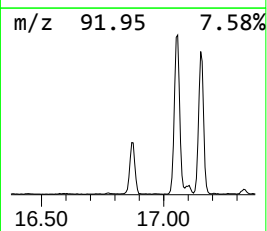
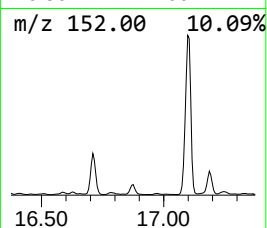
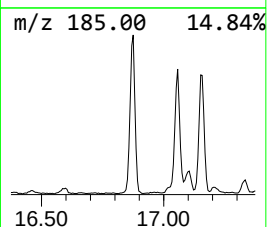
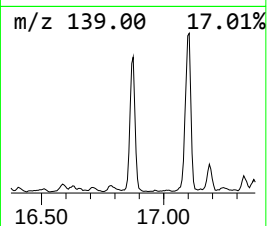
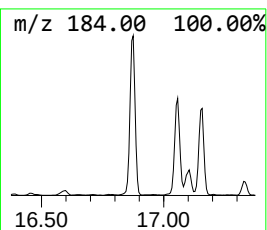
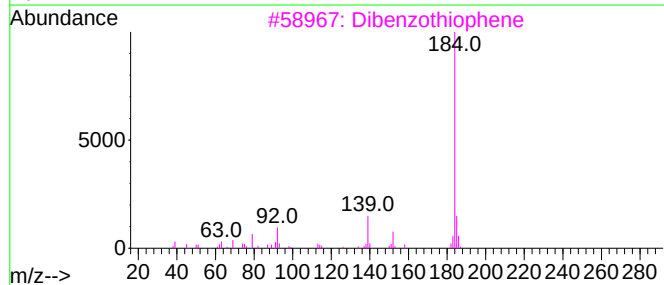
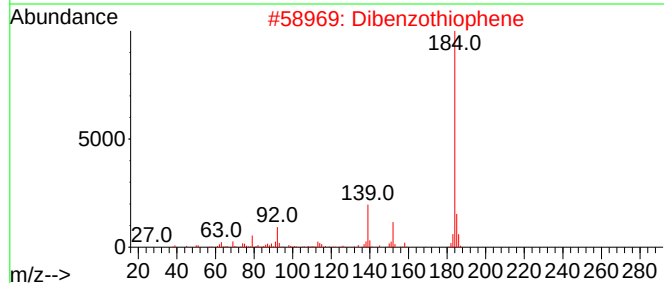
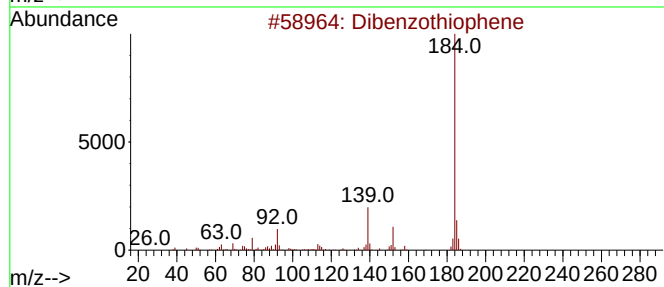
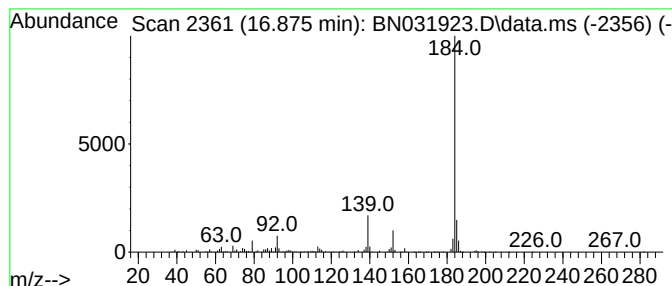
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.875	4.84 ng/ul	1168830	Phenanthrene-d10	17.057

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

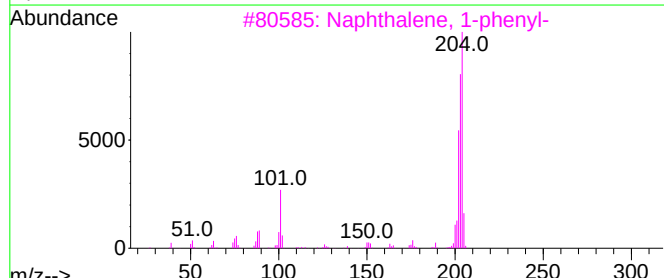
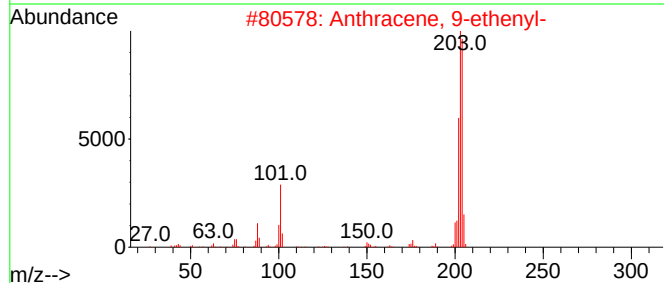
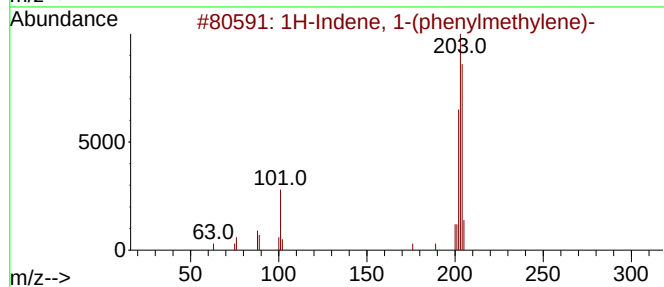
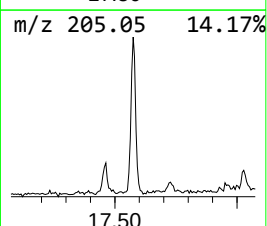
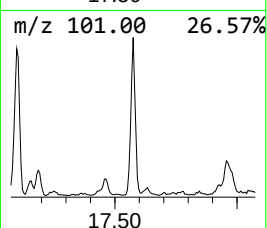
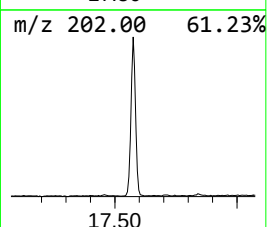
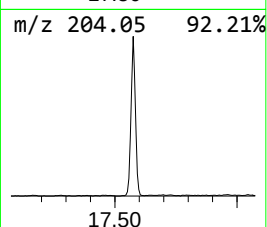
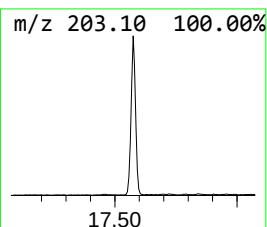
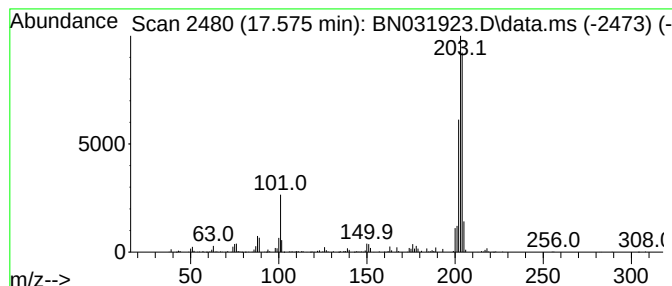
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 1H-Indene, 1-(phenylmethyl... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.575	2.49 ng/ul	602278	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	93
2			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
3			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93
4			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	90
5			9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

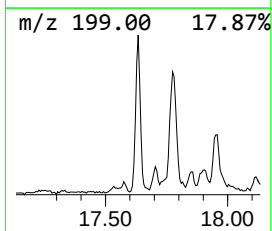
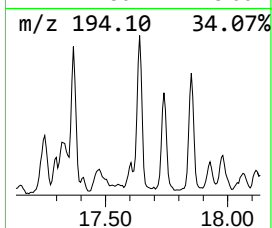
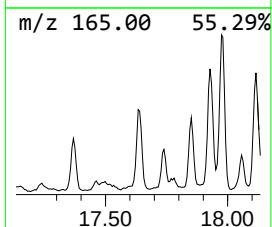
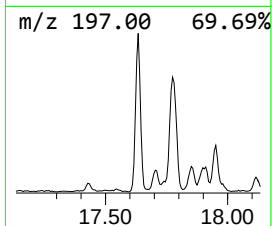
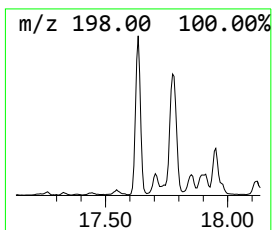
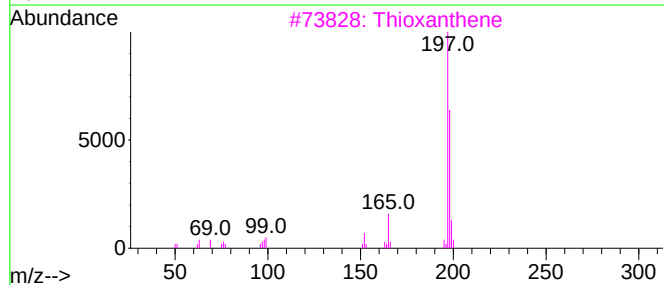
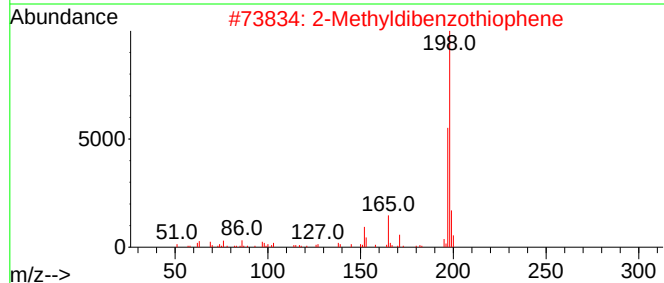
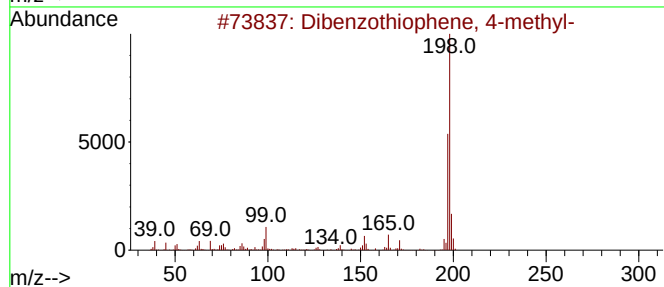
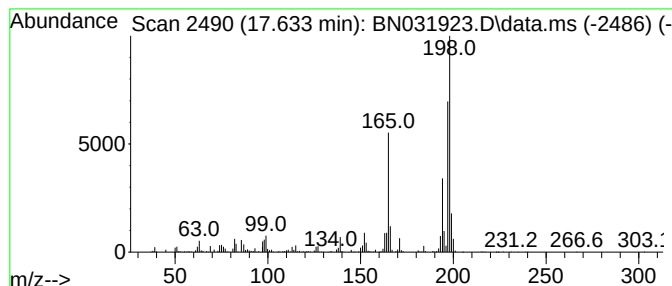
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dibenzothiophene, 4-methyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.633	3.25 ng/ul	785419	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	83
2			2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	70
3			Thioxanthene	198	C13H10S	000261-31-4	60
4			9H-Fluorene-9-thiol	198	C13H10S	019552-08-0	59
5			4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

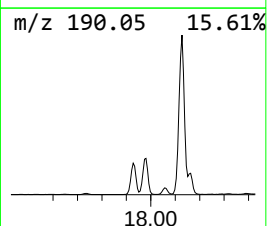
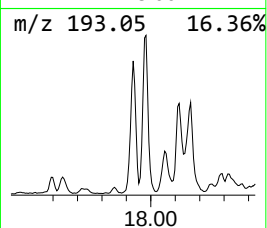
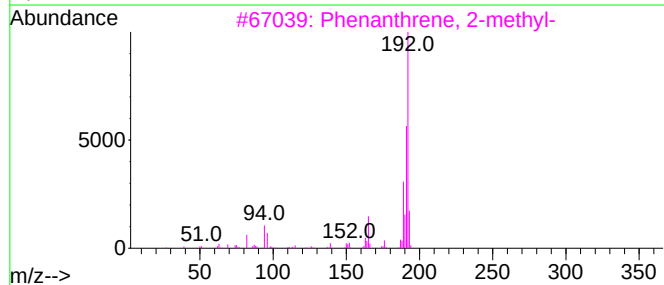
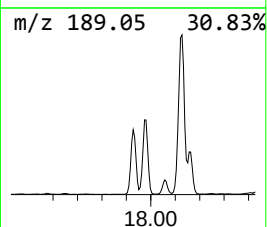
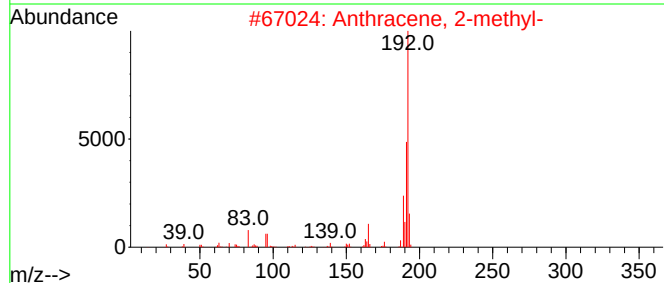
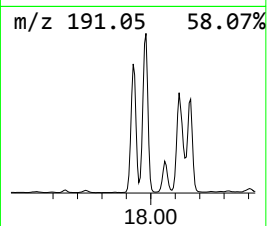
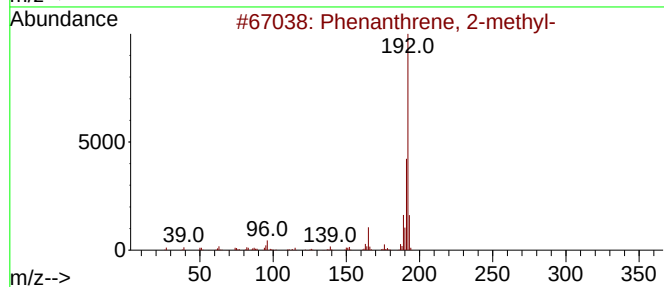
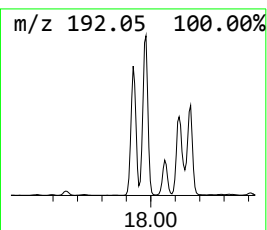
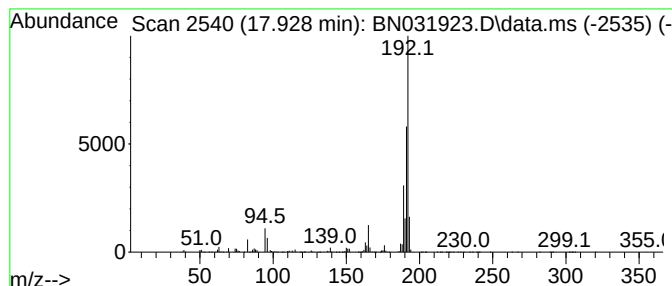
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.927	12.29 ng/ul	2968870	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

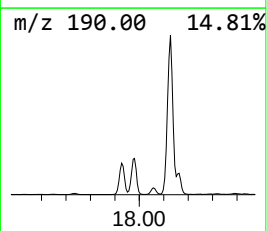
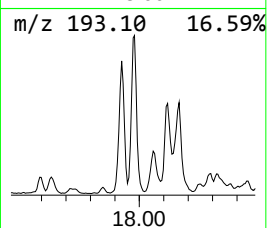
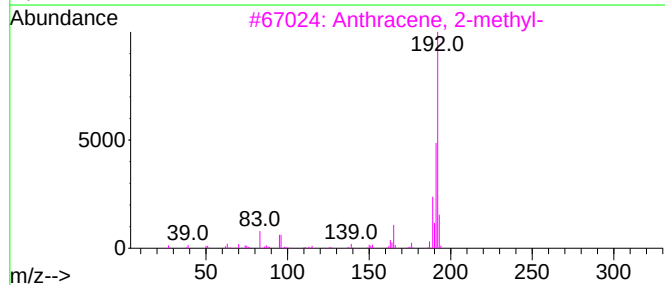
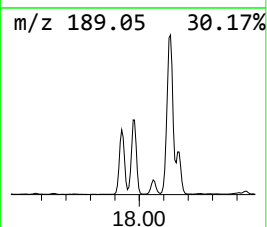
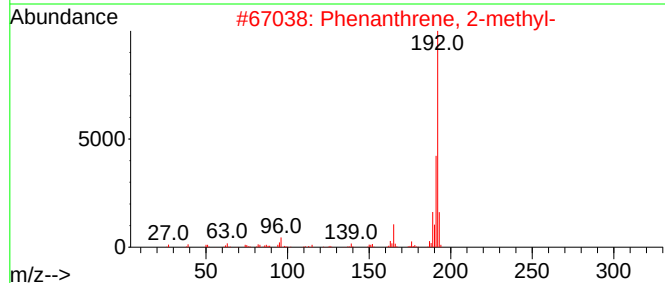
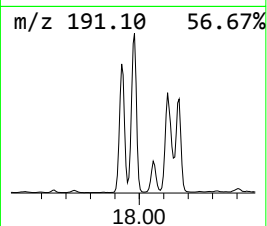
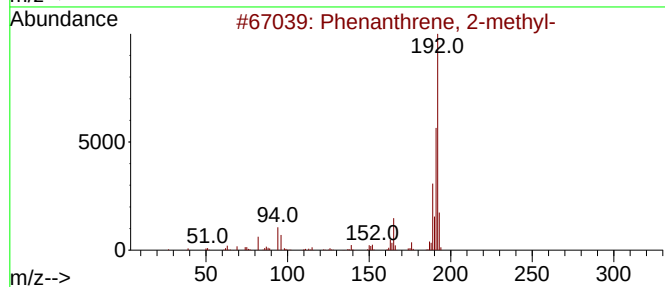
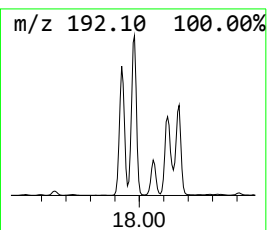
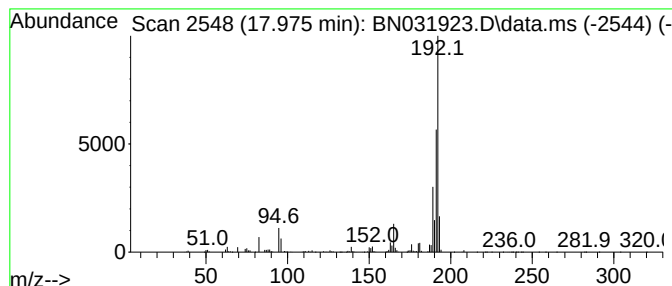
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.975	16.64 ng/ul	4020410	Phenanthrene-d10	17.057

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, 1-methyl-	192	C15H12	000832-69-9	96
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

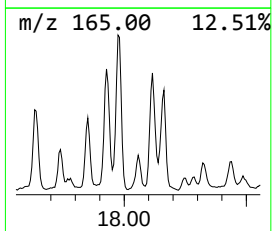
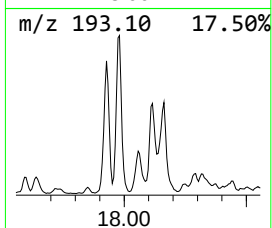
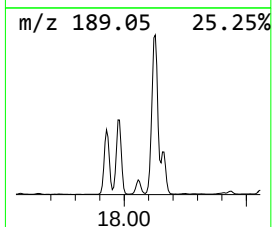
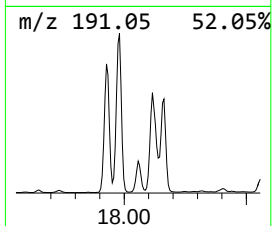
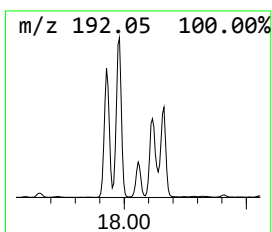
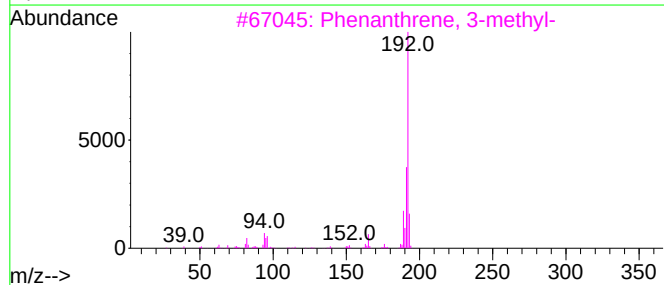
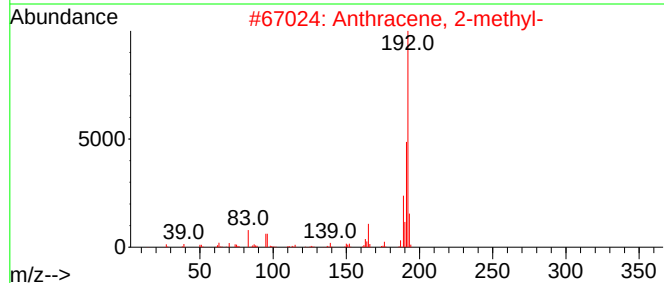
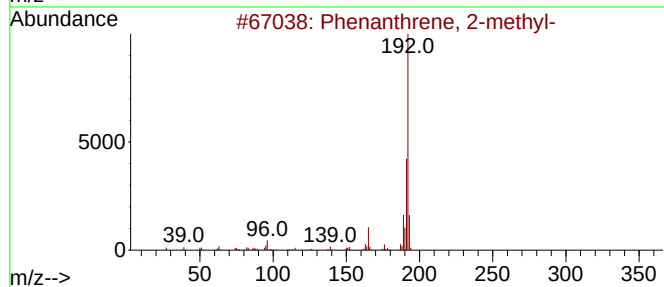
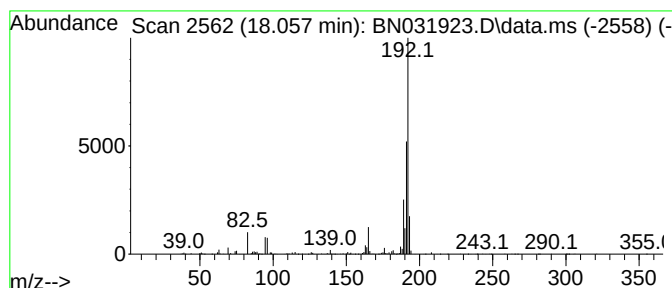
Instrument :
BNA_N
ClientSampleId :
BHC30

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

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

Peak Number 14 Phenanthrene, 3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.057	2.70 ng/ul	651420	Phenanthrene-d10	17.057	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

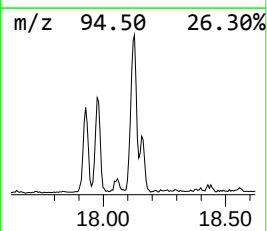
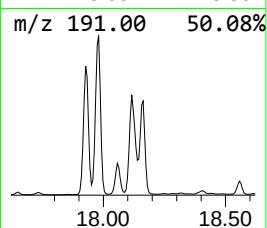
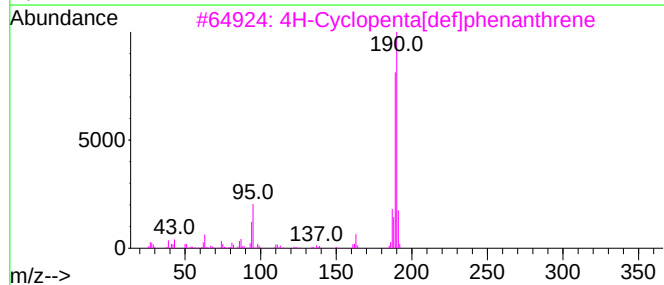
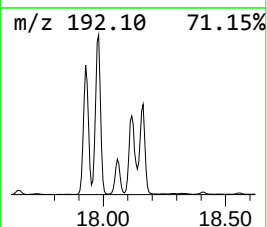
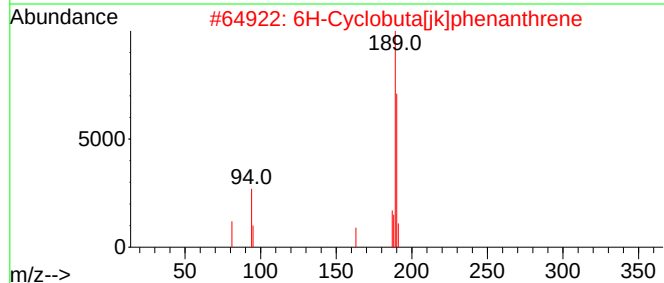
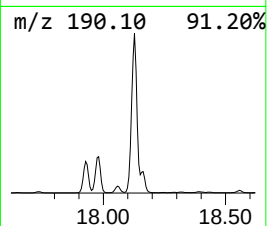
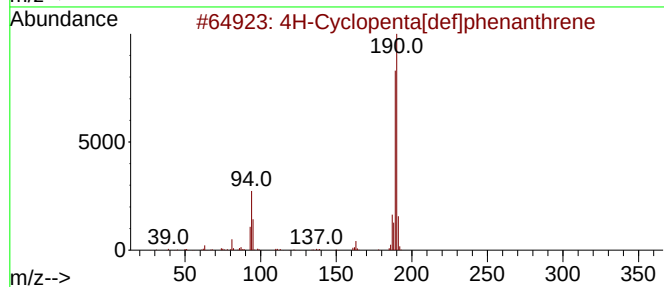
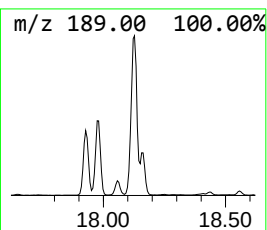
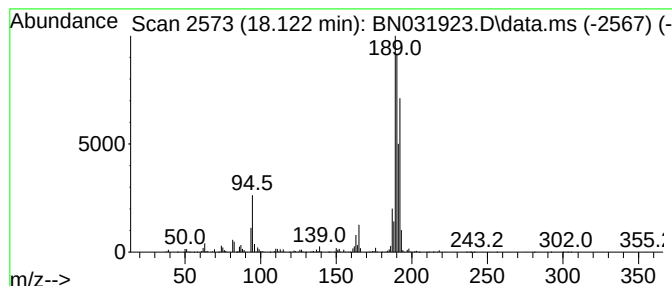
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	17.21 ng/ul	4158180	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
5			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

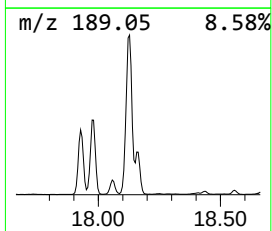
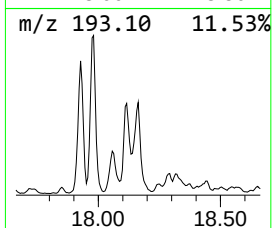
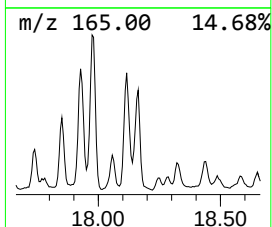
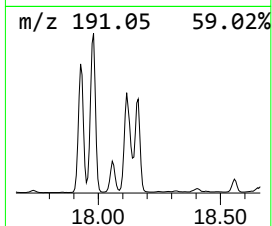
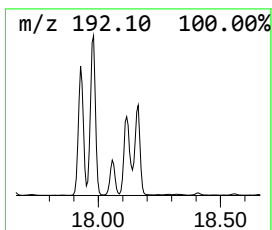
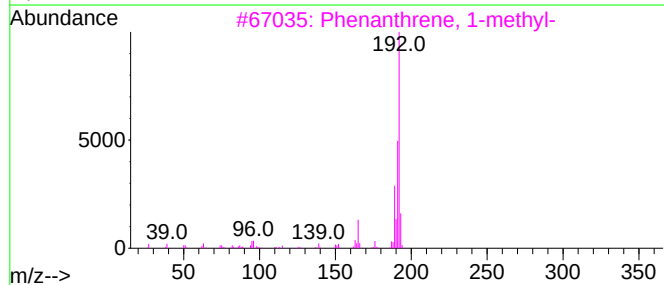
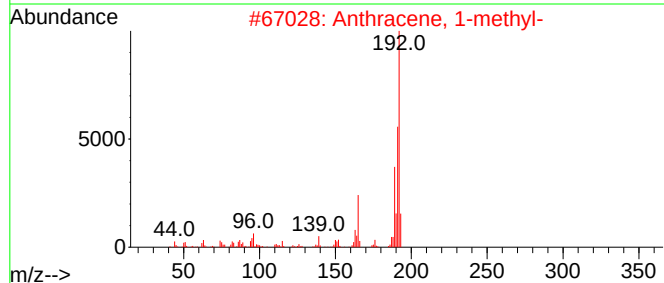
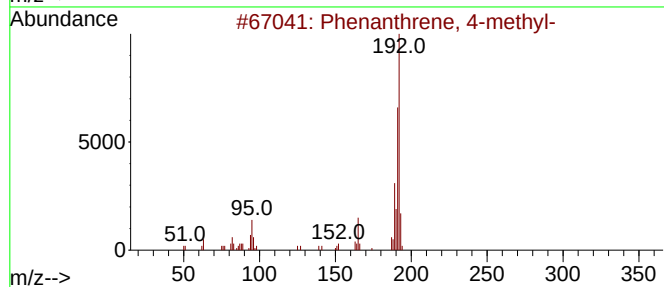
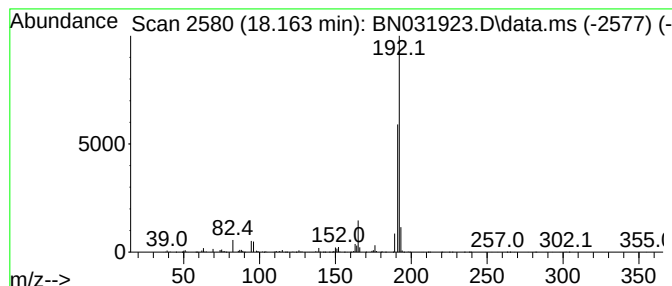
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Phenanthrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	7.04 ng/ul	1700360	Phenanthrene-d10	17.057

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

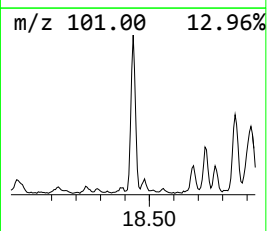
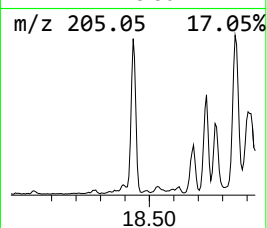
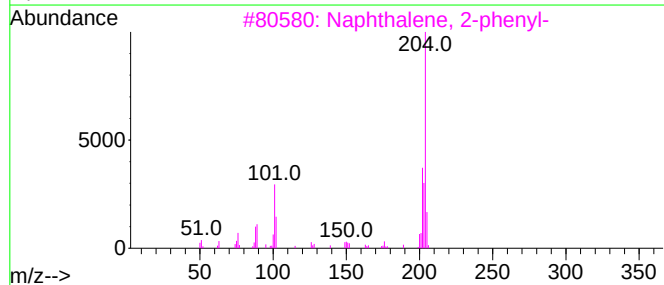
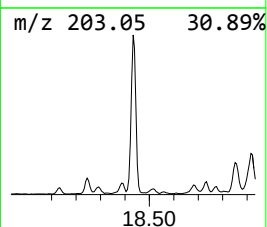
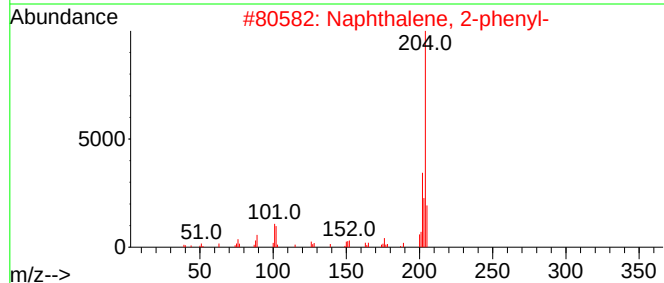
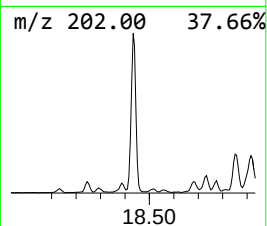
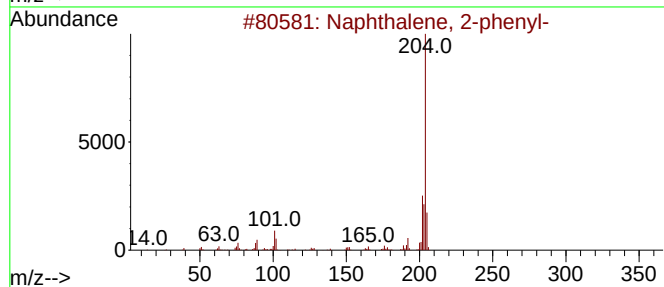
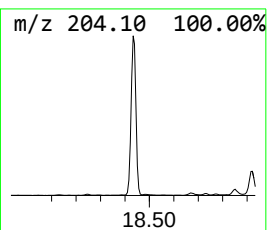
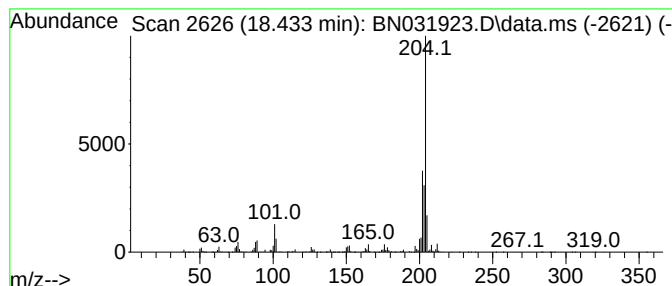
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.433	7.55 ng/ul	1825550	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	90
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\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

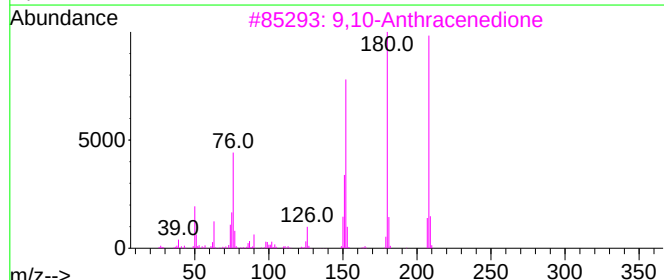
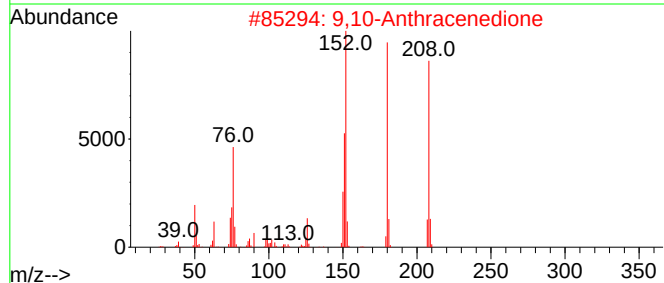
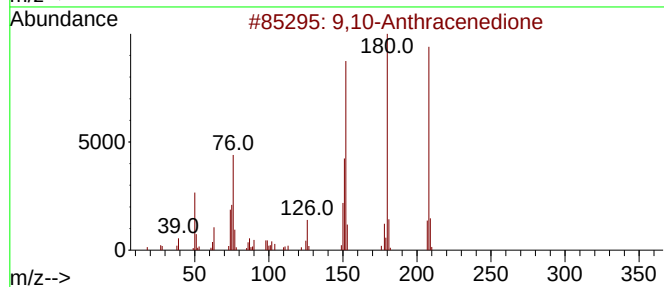
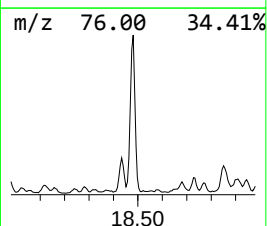
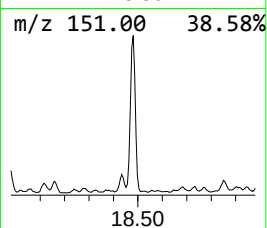
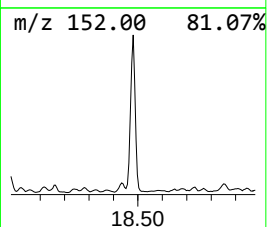
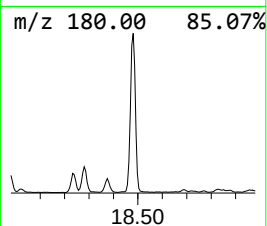
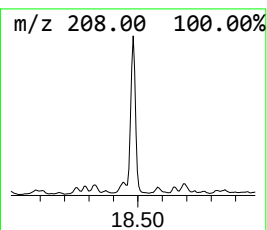
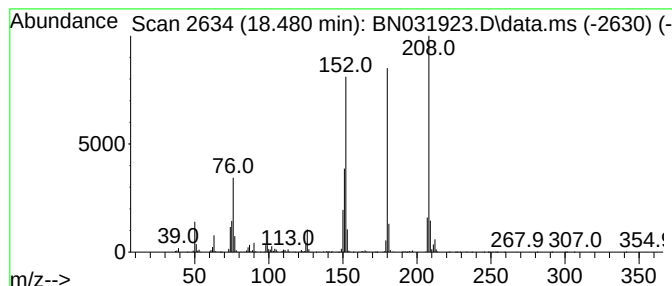
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.480	8.50 ng/ul	2053190	Phenanthrene-d10	17.057

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	94
5		9H-Fluoren-9-one	180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

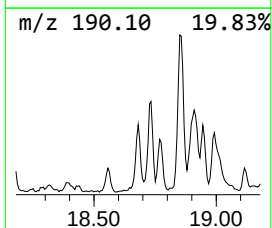
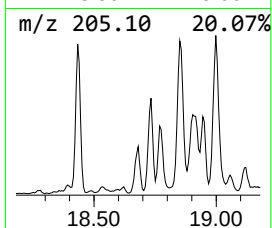
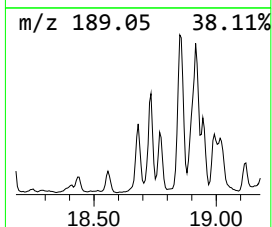
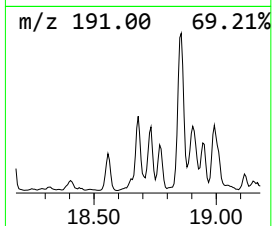
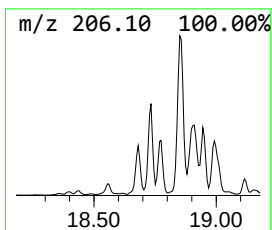
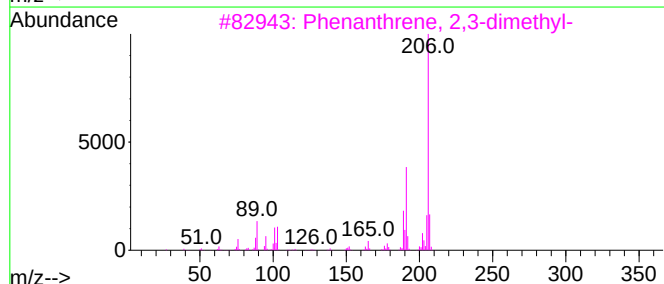
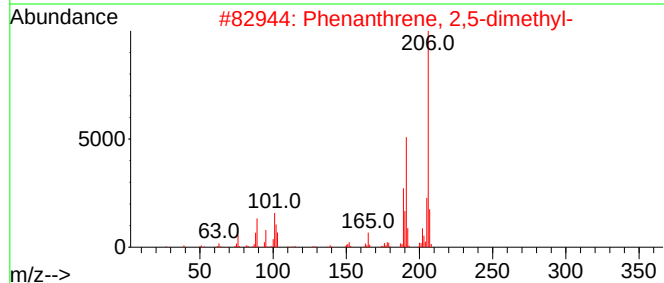
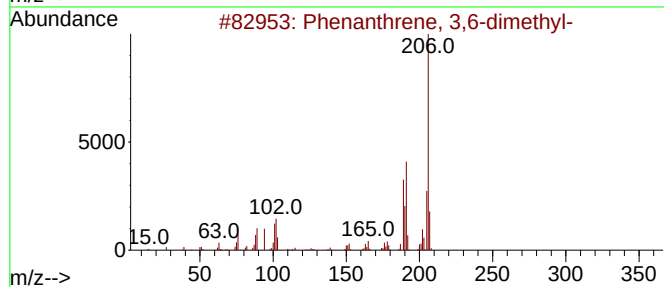
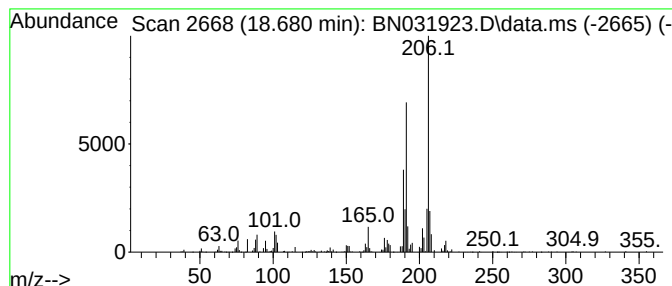
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.680	2.60 ng/ul	629003	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
4			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	91
5			[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

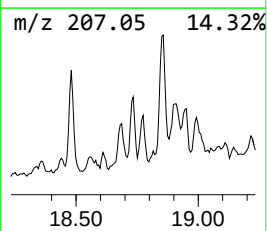
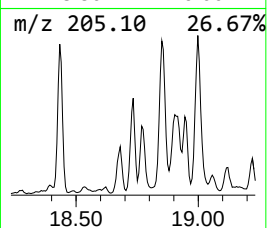
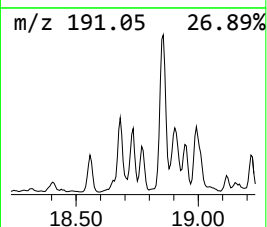
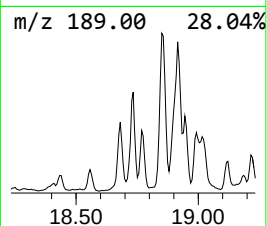
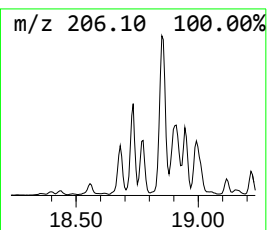
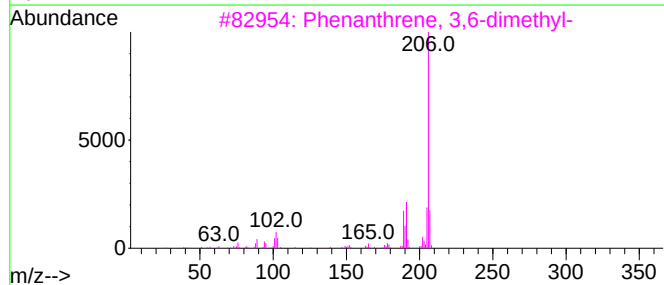
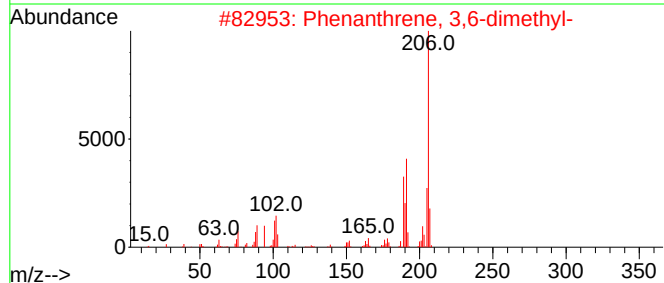
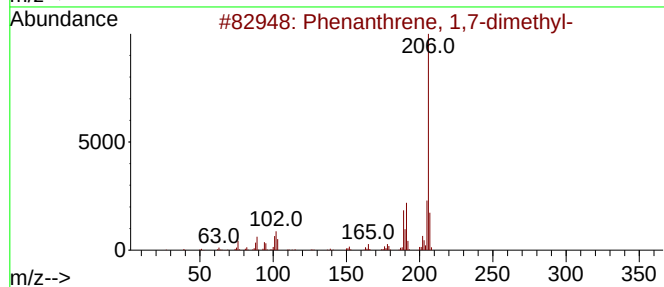
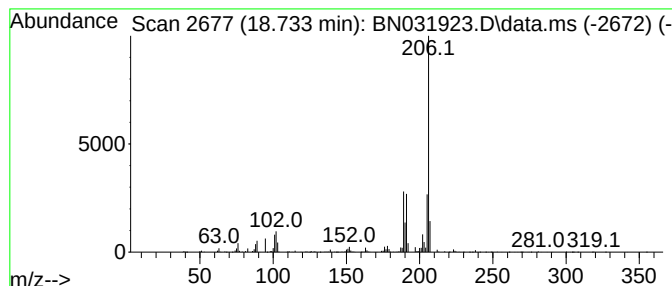
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Phenanthrene, 1,7-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	3.34 ng/ul	808220	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	98
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	95
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

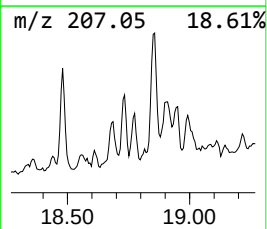
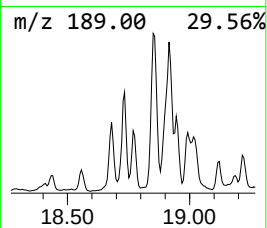
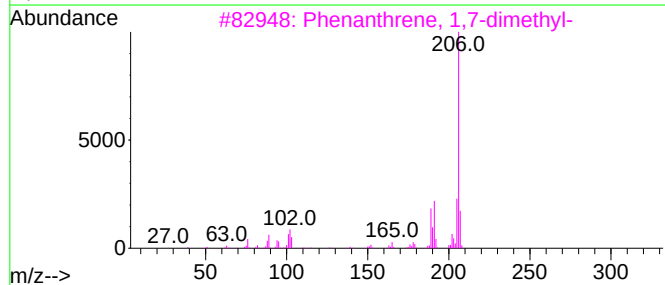
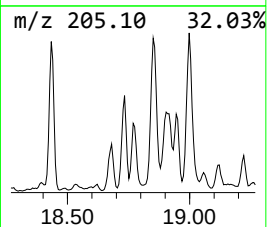
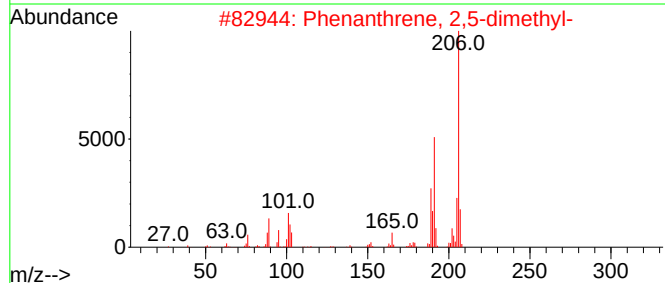
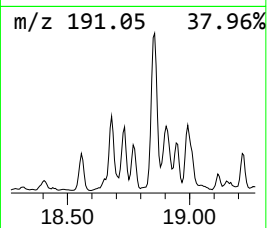
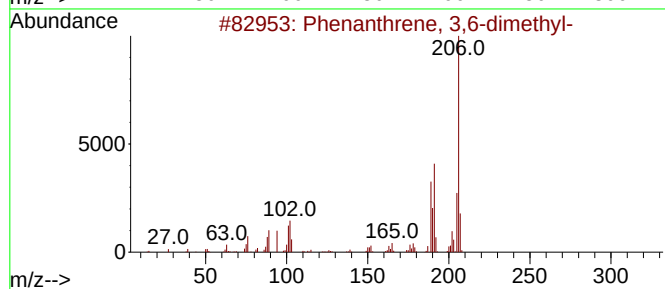
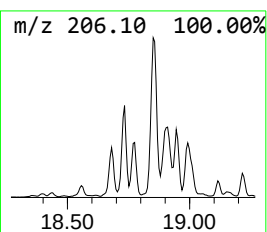
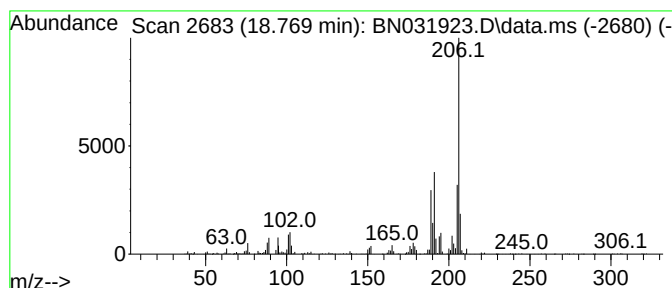
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 Phenanthrene, 2,5-dimethyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.769	2.48 ng/ul	599743	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	98
2			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	95
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

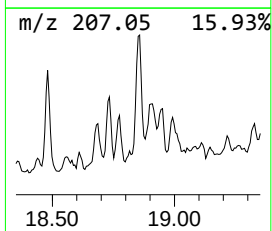
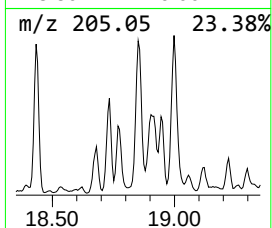
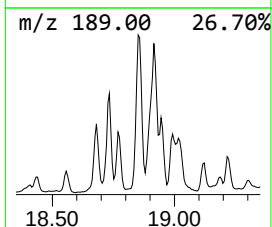
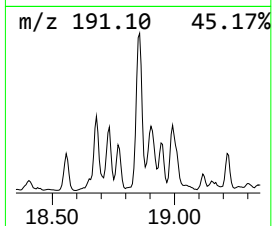
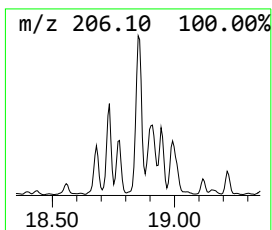
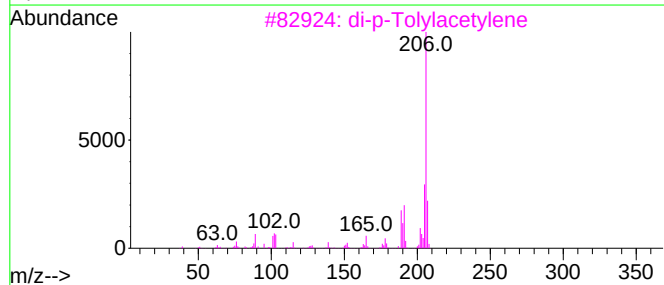
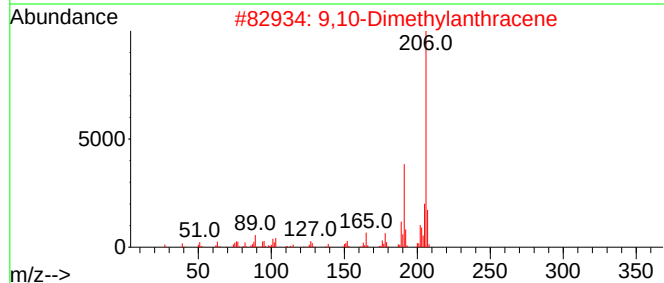
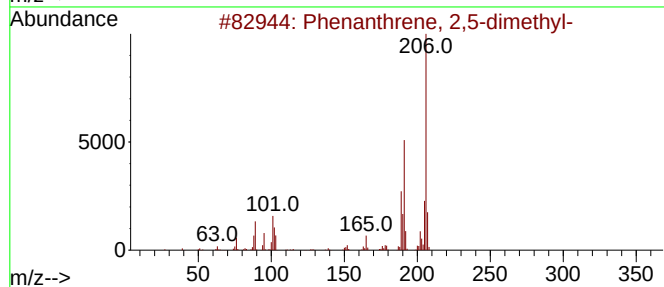
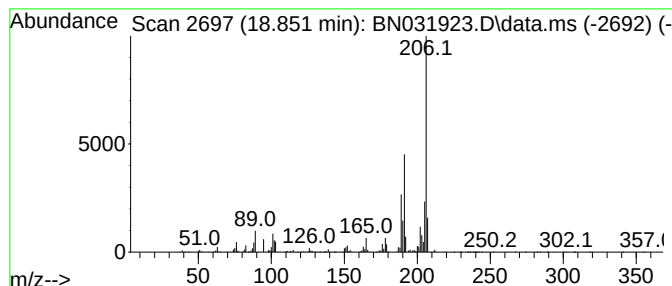
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 9,10-Dimethylantracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.851	8.80 ng/ul	2127340	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	95
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4			9,10-Dimethylantracene	206	C16H14	000781-43-1	93
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

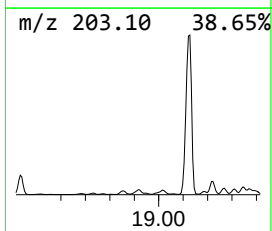
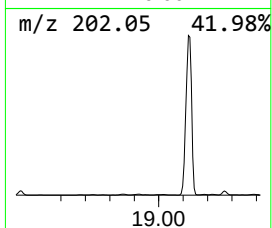
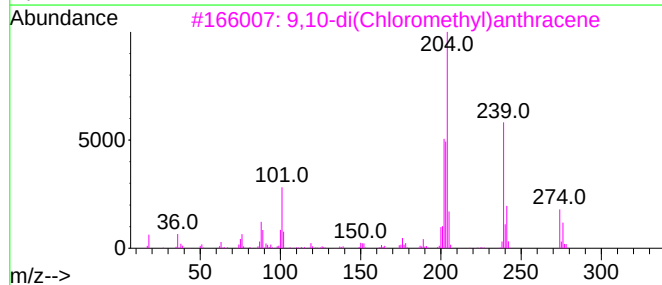
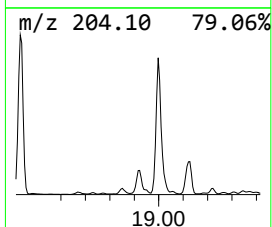
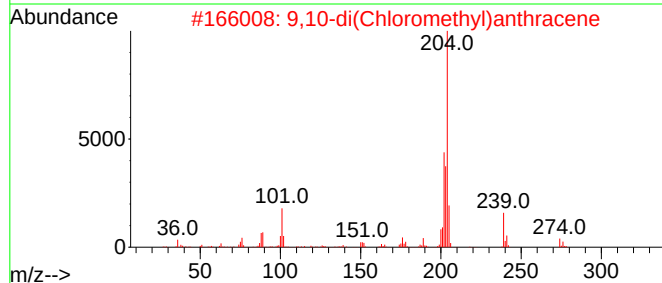
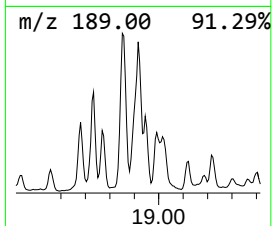
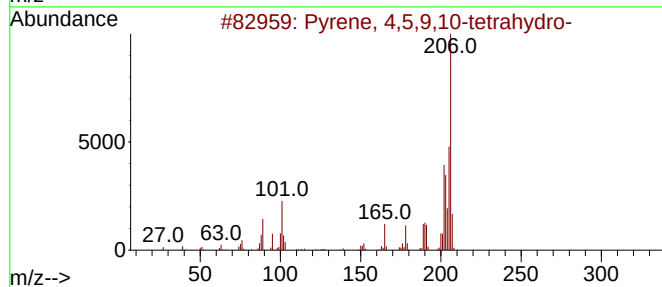
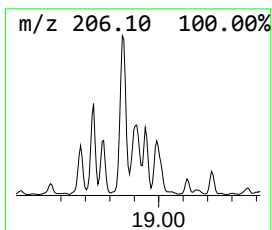
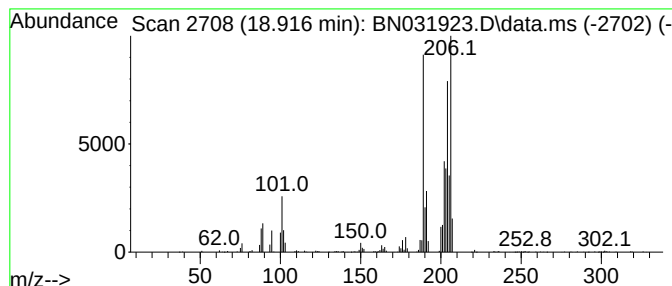
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 unknown-03 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.916	4.93 ng/ul	1192420	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
2			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
3			9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	35
4			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	30
5			1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	30



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

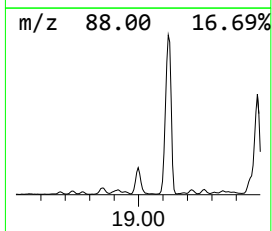
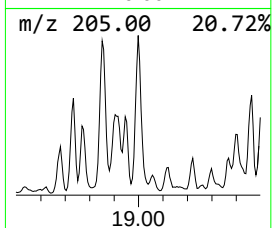
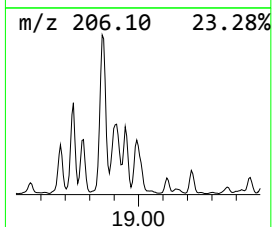
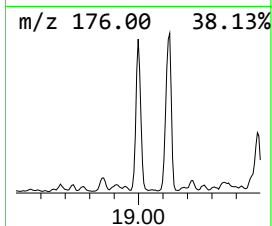
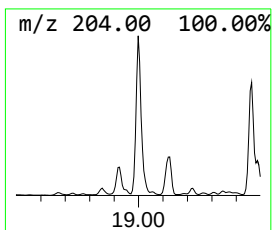
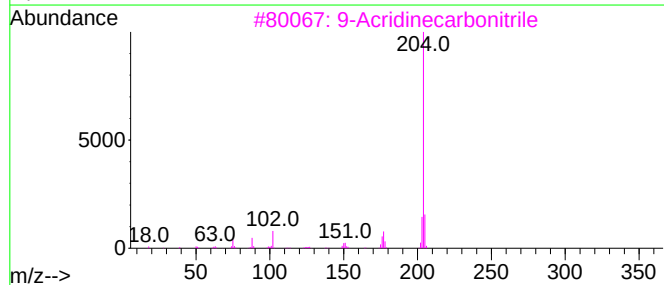
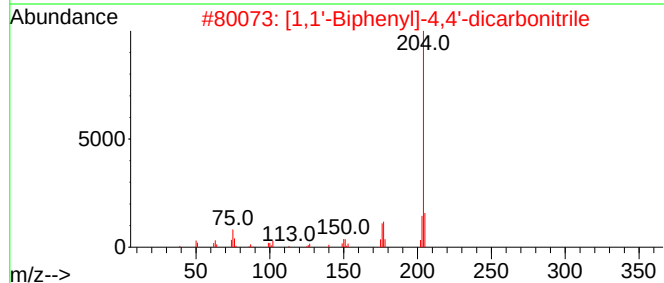
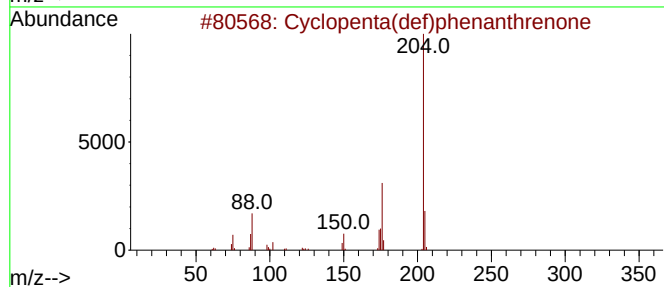
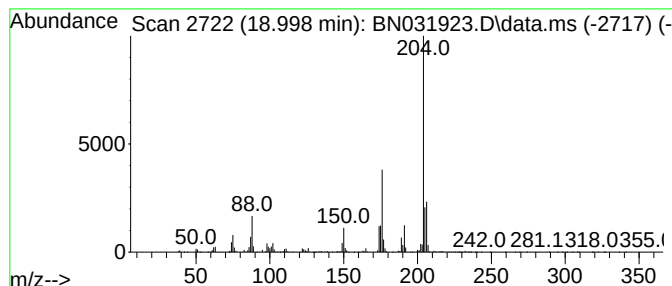
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.998	9.70 ng/ul	2345180	Phenanthrene-d10	17.057

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	98
2			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
3			9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
4			[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5			[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

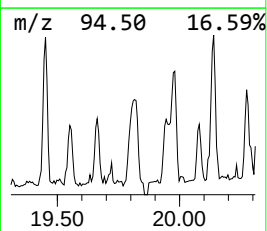
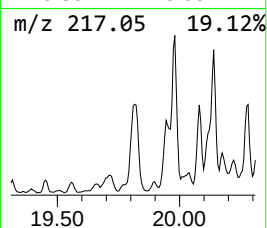
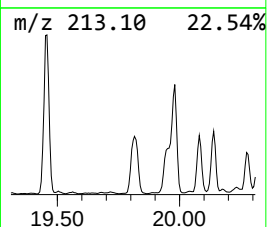
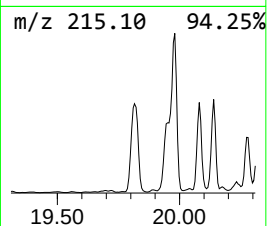
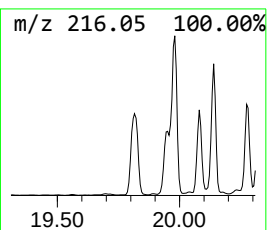
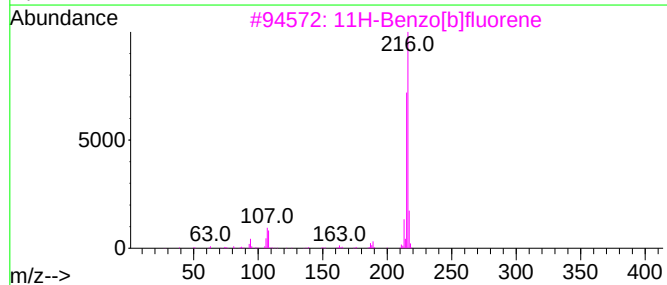
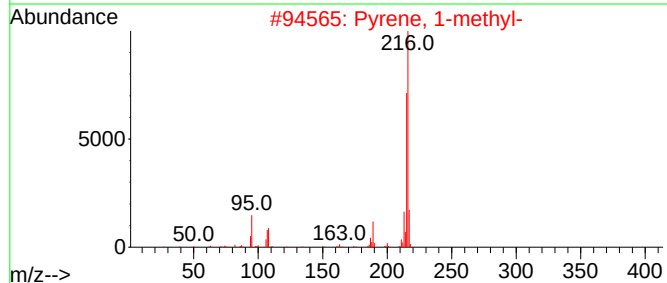
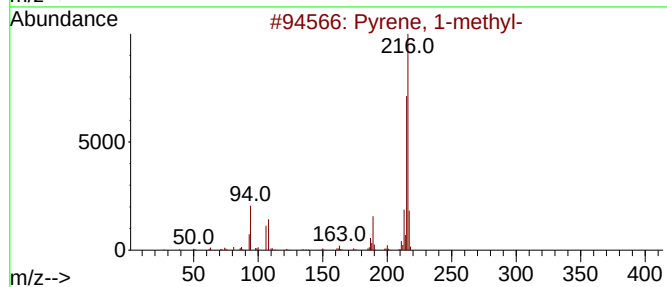
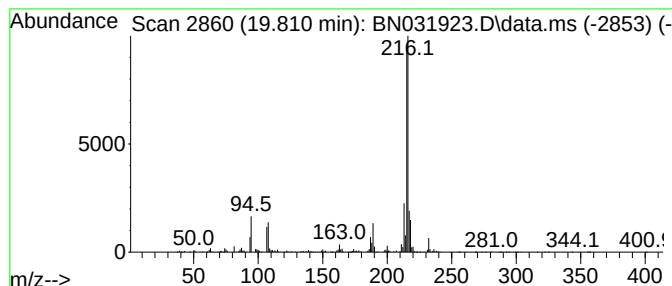
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.810	3.92 ng/ul	2987370	Chrysene-d12	21.292

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	11H-Benzo[b]fluorene		216	C17H12		000243-17-4	95
4	Pyrene, 1-methyl-		216	C17H12		002381-21-7	95
5	11H-Benzo[a]fluorene		216	C17H12		000238-84-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

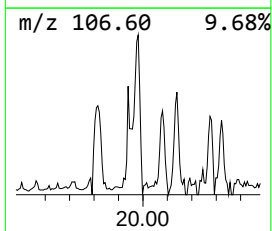
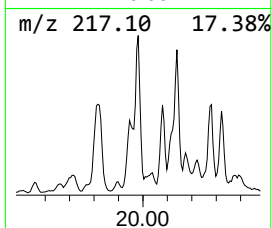
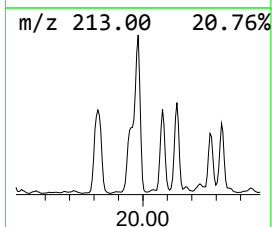
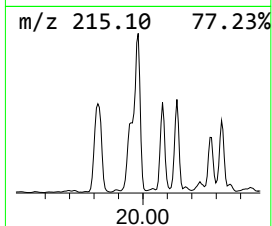
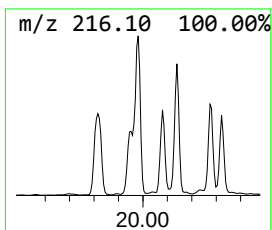
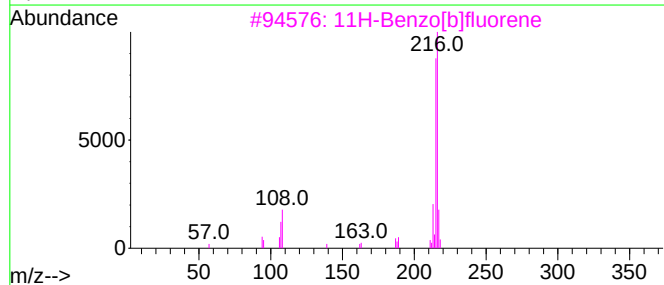
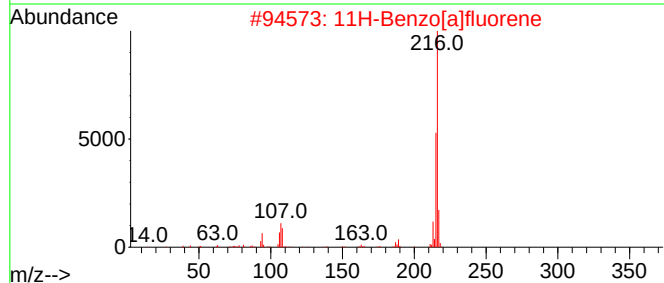
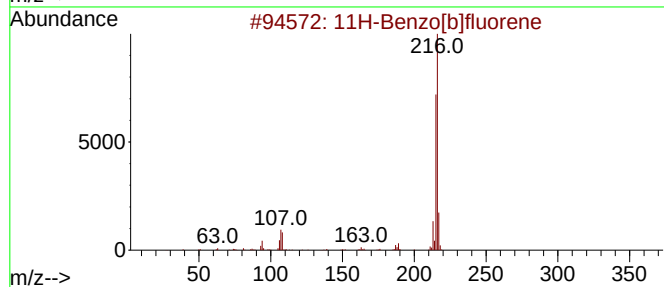
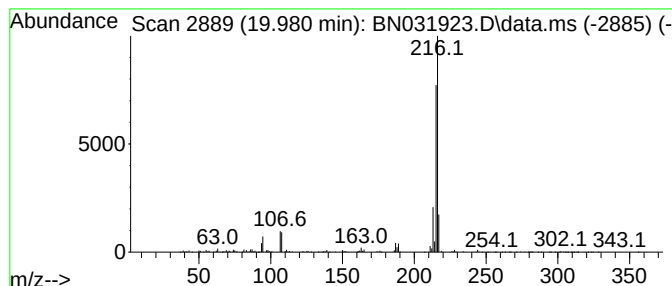
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	3.53 ng/ul	2689340	Chrysene-d12	21.292

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

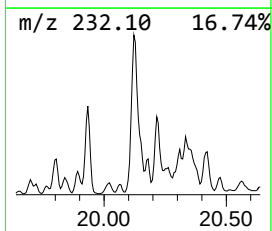
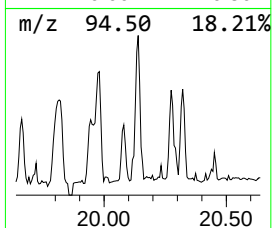
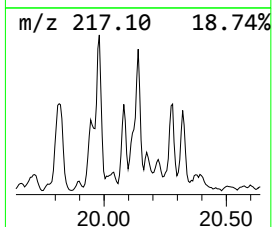
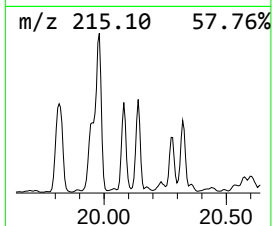
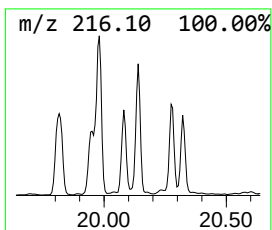
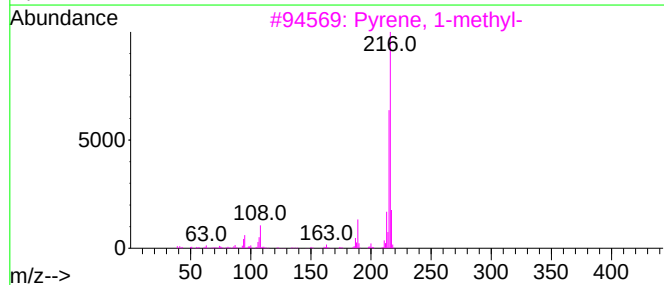
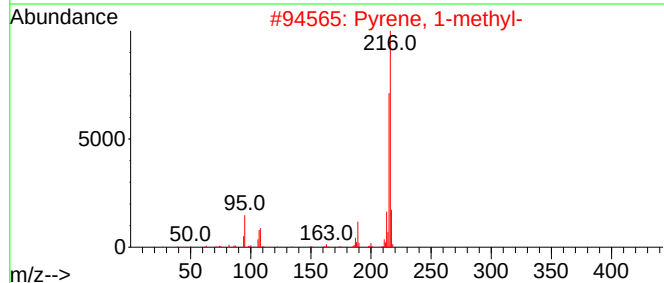
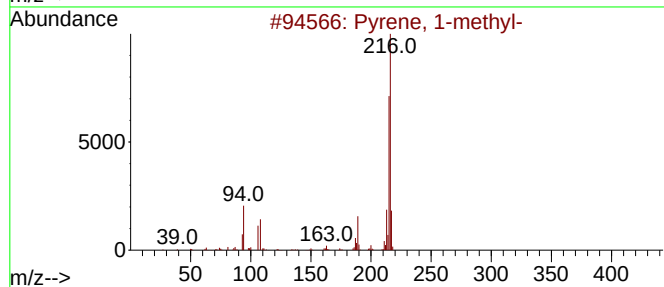
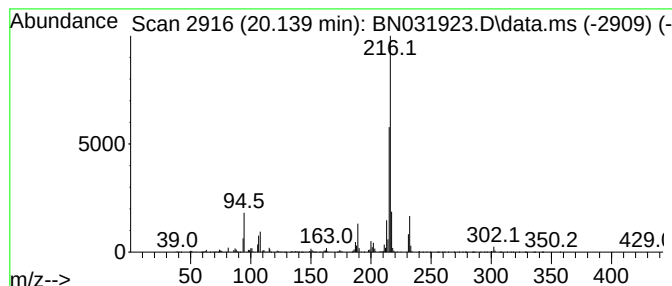
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Pyrene, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.139	3.43 ng/ul	2611980	Chrysene-d12	21.292

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	95
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

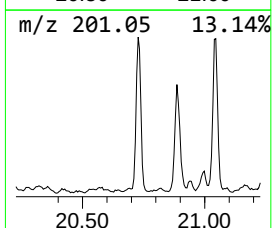
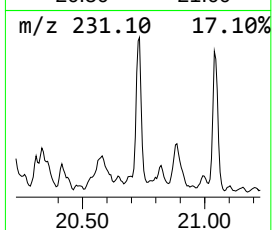
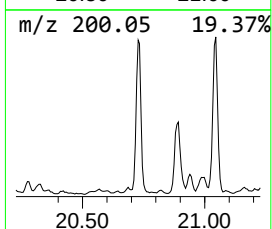
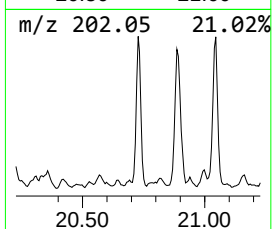
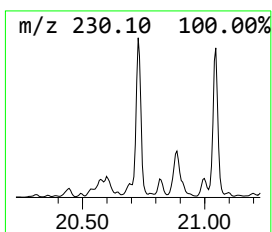
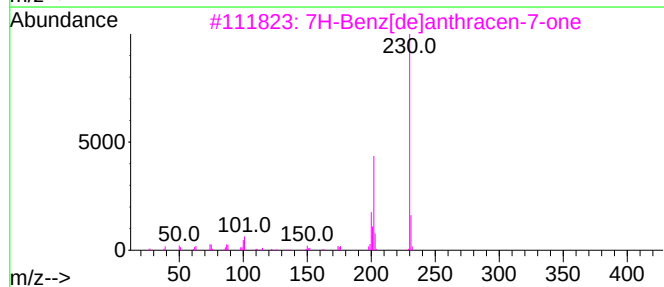
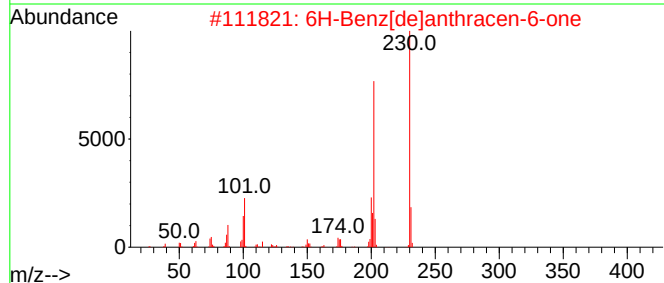
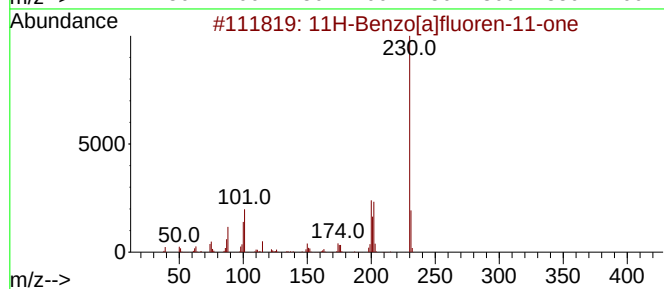
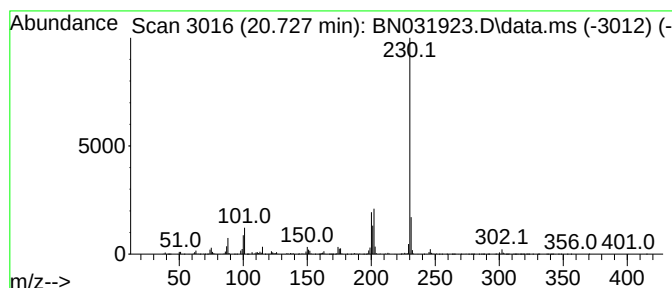
Instrument :
BNA_N
ClientSampleId :
BHC30

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

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

Peak Number 29 11H-Benzo[a]fluoren-11-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.727	3.04 ng/ul	2317780	Chrysene-d12	21.292	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

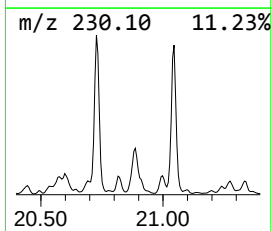
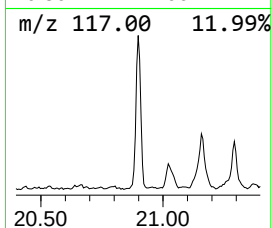
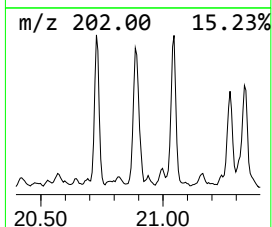
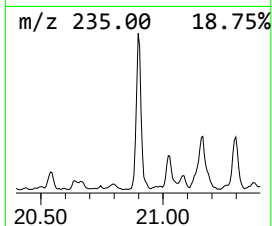
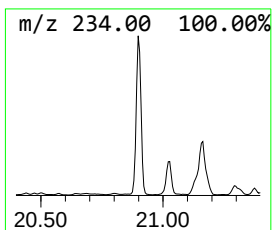
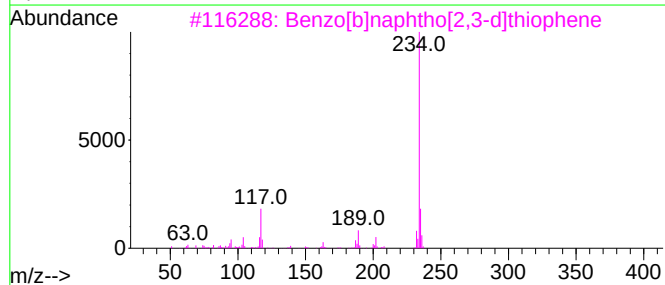
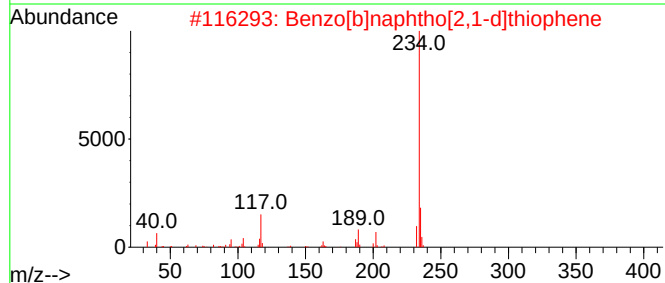
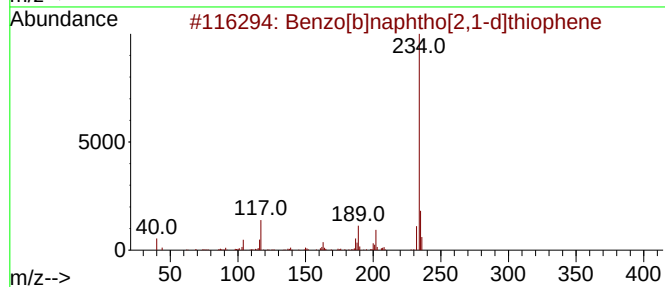
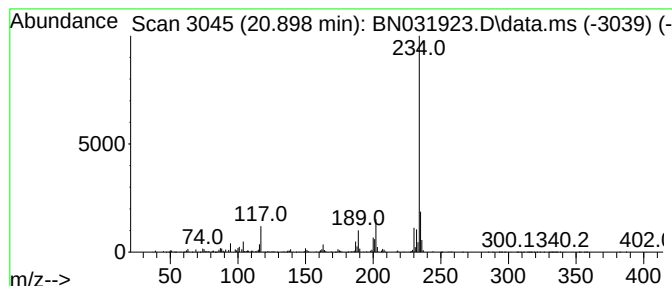
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.898	3.29 ng/ul	2508270	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
5			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

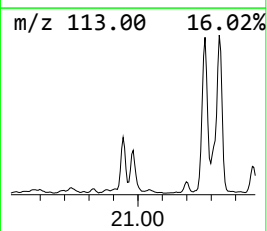
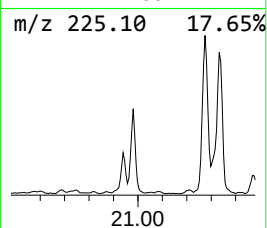
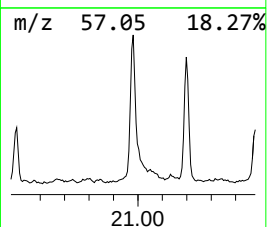
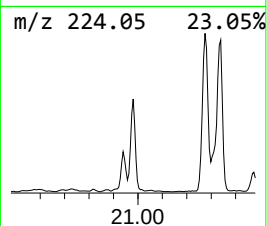
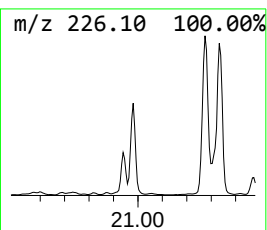
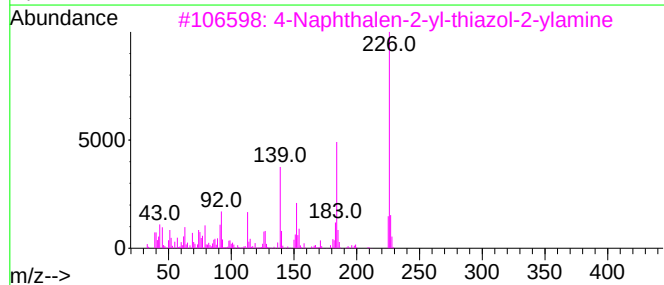
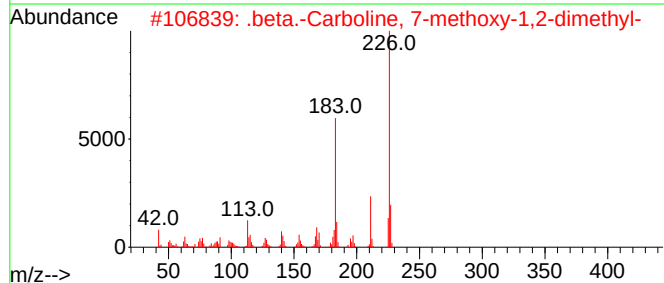
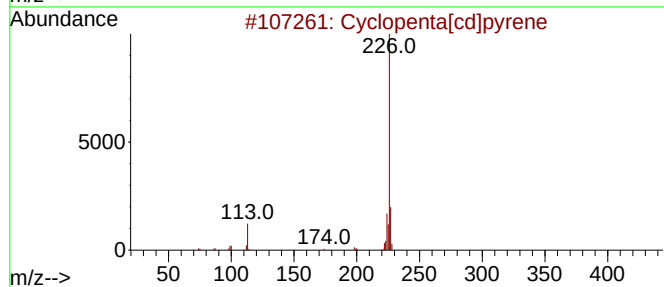
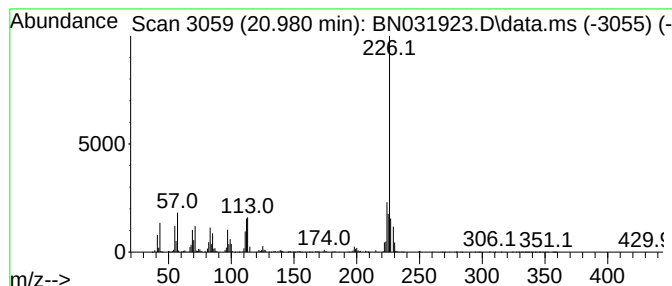
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.980	4.41 ng/ul	3358290	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	52
3			4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	40
4			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
5			2-Thiazolamine, 4-(1-naphthalenyl)-	226	C13H10N2S	056503-96-9	37



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

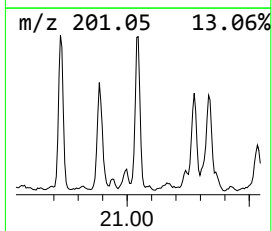
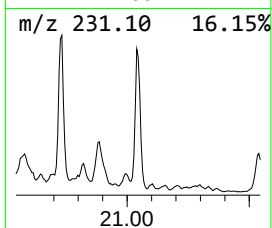
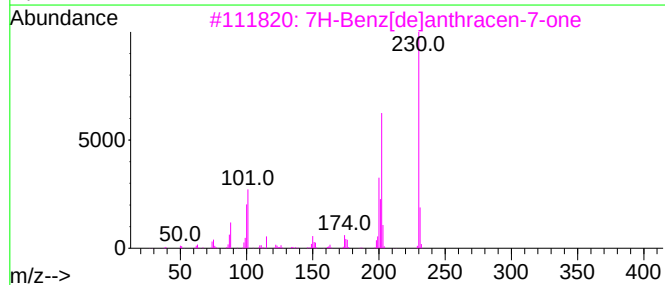
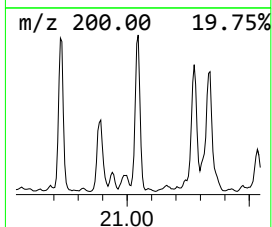
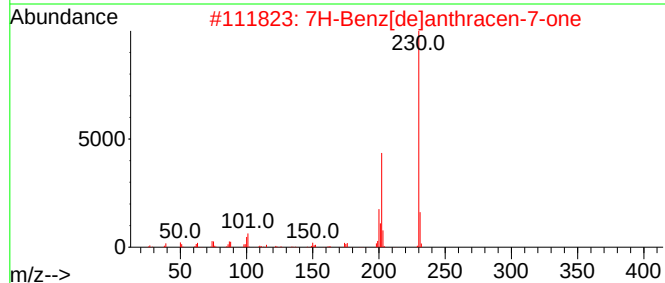
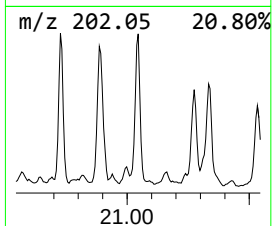
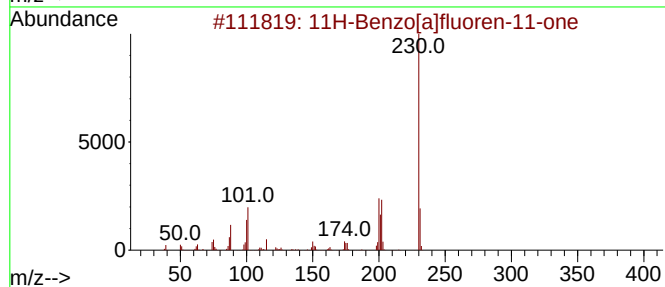
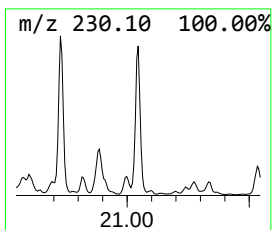
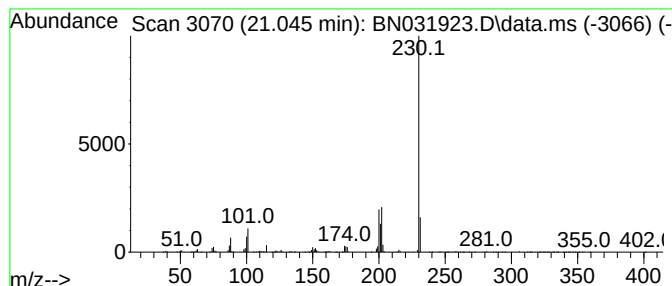
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 7H-Benz[de]anthracen-7-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.045	3.62 ng/ul	2758610	Chrysene-d12	21.292

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one			230	C17H10O	000479-79-8	97
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	6H-Benz[de]anthracen-6-one			230	C17H10O	080252-14-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

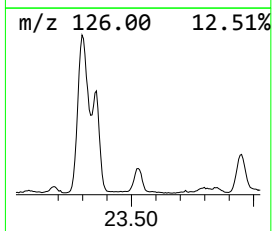
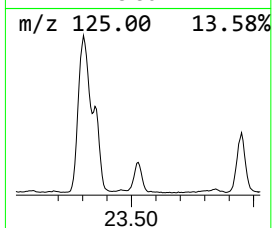
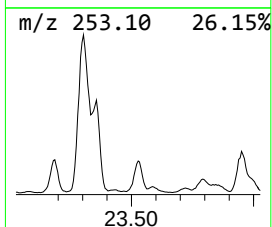
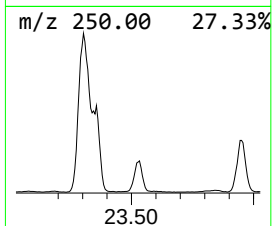
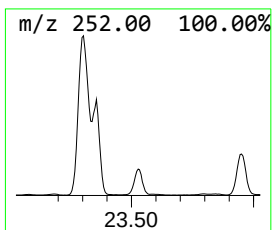
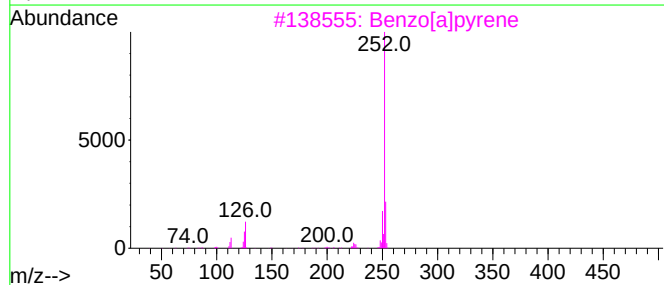
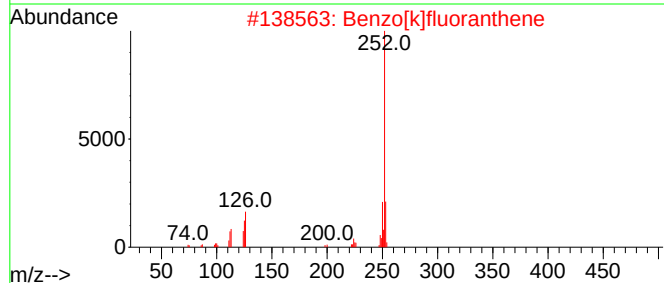
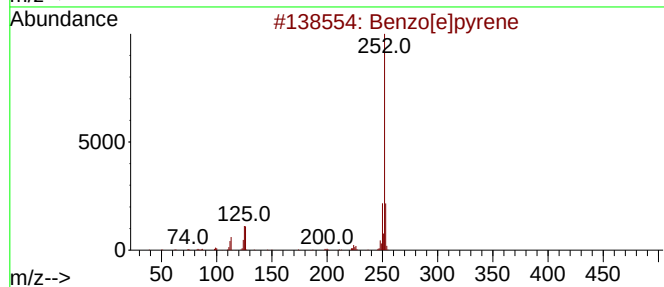
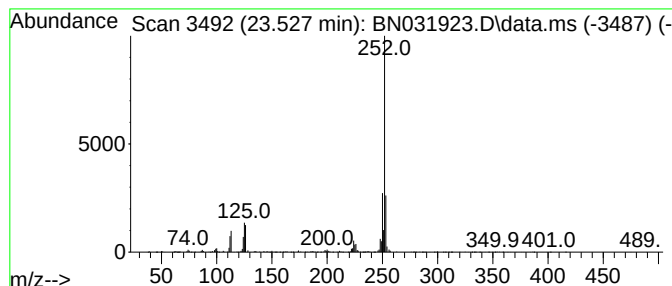
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.527	7.00 ng/ul	1277120	Perylene-d12	24.215

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	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
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\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

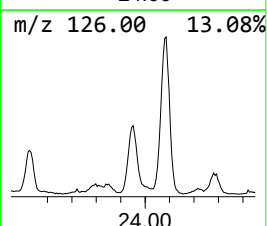
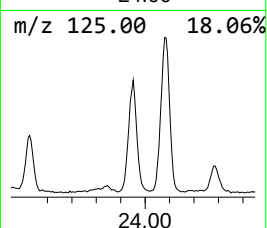
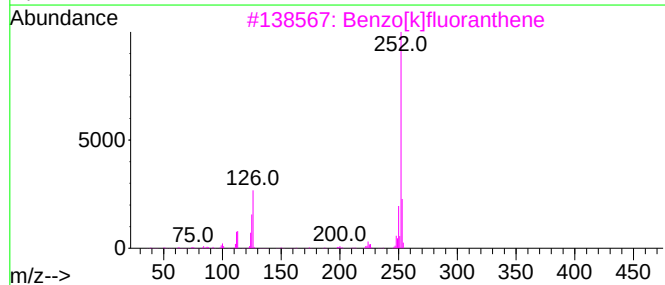
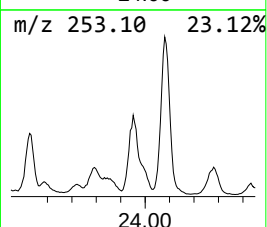
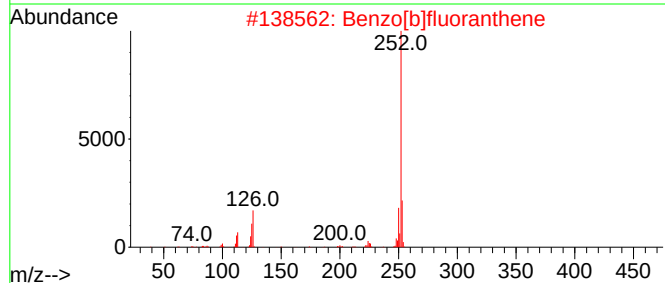
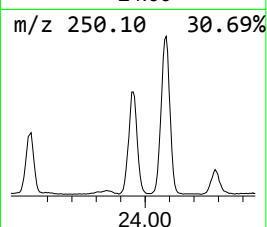
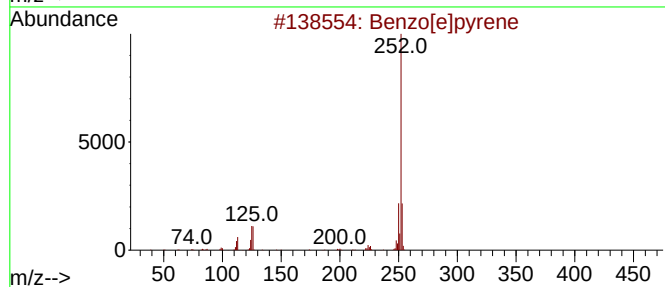
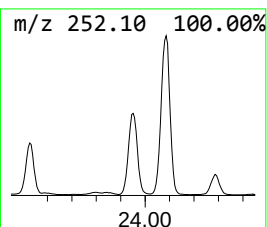
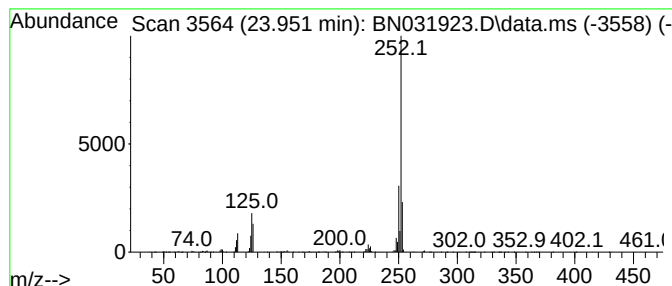
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 Perylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.951	10.41 ng/ul	1899410	Perylene-d12	24.215

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN061224\
Data File : BN031923.D
Acq On : 11 Jun 2024 23:35
Operator : MA/JU
Sample : P2659-09
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHC30

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

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
unknown-01	3.687	4.0	ng/ul	367604	1	7.657	1843710	20.0
[1,1'-Biphenyl]...	15.798	2.9	ng/ul	698782	4	17.057	4833170	20.0
unknown-02	16.028	3.1	ng/ul	756742	4	17.057	4833170	20.0
9H-Fluorene, 2-...	16.363	2.3	ng/ul	555887	4	17.057	4833170	20.0
9H-Fluoren-9-one	16.710	5.4	ng/ul	1310130	4	17.057	4833170	20.0
Dibenzothiophene	16.875	4.8	ng/ul	1168830	4	17.057	4833170	20.0
1H-Indene, 1-(p...	17.575	2.5	ng/ul	602278	4	17.057	4833170	20.0
Dibenzothiophen...	17.633	3.3	ng/ul	785419	4	17.057	4833170	20.0
Phenanthrene, 2...	17.927	12.3	ng/ul	2968870	4	17.057	4833170	20.0
Anthracene, 2-m...	17.975	16.6	ng/ul	4020410	4	17.057	4833170	20.0
Phenanthrene, 3...	18.057	2.7	ng/ul	651420	4	17.057	4833170	20.0
4H-Cyclopenta[d...	18.122	17.2	ng/ul	4158180	4	17.057	4833170	20.0
Phenanthrene, 4...	18.163	7.0	ng/ul	1700360	4	17.057	4833170	20.0
Naphthalene, 2...	18.433	7.5	ng/ul	1825550	4	17.057	4833170	20.0
9,10-Anthracene...	18.480	8.5	ng/ul	2053190	4	17.057	4833170	20.0
Phenanthrene, 3...	18.680	2.6	ng/ul	629003	4	17.057	4833170	20.0
Phenanthrene, 1...	18.733	3.3	ng/ul	808220	4	17.057	4833170	20.0
Phenanthrene, 2...	18.769	2.5	ng/ul	599743	4	17.057	4833170	20.0
9,10-Dimethylan...	18.851	8.8	ng/ul	2127340	4	17.057	4833170	20.0
unknown-03	18.916	4.9	ng/ul	1192420	4	17.057	4833170	20.0
Cyclopenta(def)...	18.998	9.7	ng/ul	2345180	4	17.057	4833170	20.0
Pyrene, 1-methyl-	19.810	3.9	ng/ul	2987370	5	21.292	15237600	20.0
11H-Benzo[b]flu...	19.980	3.5	ng/ul	2689340	5	21.292	15237600	20.0
Pyrene, 4-methyl-	20.139	3.4	ng/ul	2611980	5	21.292	15237600	20.0
11H-Benzo[a]flu...	20.727	3.0	ng/ul	2317780	5	21.292	15237600	20.0
Benzo[b]naphtho...	20.898	3.3	ng/ul	2508270	5	21.292	15237600	20.0
Cyclopenta[cd]p...	20.980	4.4	ng/ul	3358290	5	21.292	15237600	20.0
7H-Benz[de]anth...	21.045	3.6	ng/ul	2758610	5	21.292	15237600	20.0
Benzo[e]pyrene	23.527	7.0	ng/ul	1277120	6	24.215	3648390	20.0
Perylene	23.951	10.4	ng/ul	1899410	6	24.215	3648390	20.0