

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031815.D
 Acq On : 06 Jun 2024 12:36
 Operator : MA/JU
 Sample : P2591-05DL2 30X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8DL2

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: BN031815.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.846	646	656	663	rBV	68125	133476	0.74%	0.081%
2	7.669	788	796	805	rBV	1682621	2669792	14.87%	1.611%
3	8.375	910	916	923	rBV	79758	145603	0.81%	0.088%
4	10.075	1200	1205	1215	rVB	70517	136961	0.76%	0.083%
5	10.451	1261	1269	1275	rBV	2269737	3937656	21.93%	2.376%
6	10.504	1275	1278	1285	rVV	331368	508010	2.83%	0.307%
7	12.122	1546	1553	1565	rVB	197167	321302	1.79%	0.194%
8	12.345	1581	1591	1602	rBV	136488	245510	1.37%	0.148%
9	13.492	1772	1786	1794	rBV2	68521	191262	1.07%	0.115%
10	13.634	1800	1810	1815	rBV2	123920	233186	1.30%	0.141%
11	13.687	1815	1819	1822	rVV	88023	127624	0.71%	0.077%
12	13.728	1822	1826	1837	rVV	157909	233730	1.30%	0.141%
13	13.869	1841	1850	1854	rVV2	66424	121101	0.67%	0.073%
14	14.004	1867	1873	1877	rBV2	180111	305108	1.70%	0.184%
15	14.316	1917	1926	1932	rBV	3287834	5056944	28.16%	3.052%
16	14.381	1932	1937	1944	rVV	608005	944211	5.26%	0.570%
17	14.528	1956	1962	1970	rBV4	64193	143277	0.80%	0.086%
18	14.716	1984	1994	2002	rVV	644767	1036923	5.77%	0.626%
19	15.310	2089	2095	2099	rVV	245376	393147	2.19%	0.237%
20	15.363	2099	2104	2110	rVV	737681	1117657	6.22%	0.674%
21	15.457	2113	2120	2122	rVV4	53586	126816	0.71%	0.077%
22	15.486	2122	2125	2129	rVV2	79328	136151	0.76%	0.082%
23	15.528	2129	2132	2136	rVV2	101486	150104	0.84%	0.091%
24	15.657	2150	2154	2163	rVV	251075	394303	2.20%	0.238%
25	15.804	2174	2179	2188	rVV	282989	604163	3.36%	0.365%
26	15.898	2188	2195	2203	rVB3	67474	137459	0.77%	0.083%
27	16.039	2213	2219	2227	rVB3	88247	162077	0.90%	0.098%
28	16.345	2264	2271	2272	rBV2	97327	155282	0.86%	0.094%
29	16.369	2272	2275	2280	rVV2	139884	232968	1.30%	0.141%
30	16.598	2306	2314	2317	rBV2	126712	217380	1.21%	0.131%
31	16.639	2317	2321	2324	rVV2	131231	197503	1.10%	0.119%
32	16.722	2329	2335	2342	rVV	935569	1323772	7.37%	0.799%
33	16.798	2342	2348	2354	rVV3	135567	313228	1.74%	0.189%
34	16.880	2357	2362	2372	rVB	570991	852048	4.74%	0.514%
35	17.063	2387	2393	2396	rBV	3998980	5766434	32.11%	3.480%
36	17.104	2396	2400	2406	rVV	9771604	14602346	81.32%	8.812%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
 Data File : BN031815.D
 Acq On : 06 Jun 2024 12:36
 Operator : MA/JU
 Sample : P2591-05DL2 30X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH5S8DL2

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	17.163	2406	2410	2412	rVV2	419814	632354	3.52%	0.382%
38	17.192	2412	2415	2421	rVV	2102091	3049176	16.98%	1.840%
39	17.257	2421	2426	2431	rVB2	181701	301000	1.68%	0.182%
40	17.469	2452	2462	2475	rBV2	1419959	2474652	13.78%	1.493%
41	17.586	2477	2482	2487	rVV2	162020	293220	1.63%	0.177%
42	17.645	2487	2492	2500	rVB3	214836	406868	2.27%	0.246%
43	17.780	2512	2515	2524	rVB	78828	138809	0.77%	0.084%
44	17.857	2524	2528	2532	rBV	94856	130429	0.73%	0.079%
45	17.939	2533	2542	2545	rBV	1037288	1585483	8.83%	0.957%
46	17.986	2545	2550	2557	rVB	1549881	2347035	13.07%	1.416%
47	18.069	2558	2564	2568	rVB	415766	588755	3.28%	0.355%
48	18.133	2568	2575	2579	rBV2	1261957	2304103	12.83%	1.390%
49	18.169	2579	2581	2587	rVB	613197	727019	4.05%	0.439%
50	18.245	2590	2594	2598	rBV3	129084	193659	1.08%	0.117%
51	18.286	2598	2601	2605	rVB3	162591	204990	1.14%	0.124%
52	18.380	2614	2617	2622	rVB4	93837	147515	0.82%	0.089%
53	18.445	2623	2628	2631	rVV	787345	1090094	6.07%	0.658%
54	18.486	2631	2635	2640	rVB	961403	1265191	7.05%	0.763%
55	18.692	2666	2670	2674	rBV3	191894	261203	1.45%	0.158%
56	18.739	2674	2678	2681	rVV	200065	268662	1.50%	0.162%
57	18.780	2681	2685	2689	rVB	209329	269697	1.50%	0.163%
58	18.869	2694	2700	2704	rVV2	443073	854001	4.76%	0.515%
59	18.927	2705	2710	2712	rVV2	206870	394727	2.20%	0.238%
60	18.957	2712	2715	2718	rVV	164149	209747	1.17%	0.127%
61	19.004	2718	2723	2731	rVB2	893191	1309723	7.29%	0.790%
62	19.127	2738	2744	2751	rVB	11975344	17957714	100.00%	10.837%
63	19.192	2751	2755	2758	rBV	160728	205791	1.15%	0.124%
64	19.227	2758	2761	2764	rBV2	229670	292802	1.63%	0.177%
65	19.327	2773	2778	2780	rBV3	193976	312237	1.74%	0.188%
66	19.369	2782	2785	2789	rVB	272702	400329	2.23%	0.242%
67	19.463	2795	2801	2802	rBV2	2264210	3015908	16.79%	1.820%
68	19.492	2802	2806	2813	rVV	8684533	12601001	70.17%	7.604%
69	19.563	2813	2818	2825	rVB2	555785	823742	4.59%	0.497%
70	19.674	2832	2837	2841	rVB	657638	891894	4.97%	0.538%
71	19.733	2842	2847	2852	rVB	619212	929921	5.18%	0.561%
72	19.816	2855	2861	2868	rBV3	675169	1735807	9.67%	1.047%
73	19.951	2878	2884	2886	rBV3	542352	929181	5.17%	0.561%
74	19.986	2887	2890	2895	rVB	754276	1044878	5.82%	0.631%
75	20.086	2904	2907	2911	rVV	244472	312315	1.74%	0.188%
76	20.145	2911	2917	2921	rVV2	891216	1550589	8.63%	0.936%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

Integration Parameters: LSCINT.P

Integrator: RTE

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 0.1 % of largest Peak

Max Peaks: 100

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	20.186	2921	2924	2927	rVB2	241385	286360	1.59%	0.173%
78	20.227	2928	2931	2936	rVB2	193608	243954	1.36%	0.147%
79	20.286	2937	2941	2944	rBV	357005	420507	2.34%	0.254%
80	20.333	2945	2949	2953	rBV3	388828	556840	3.10%	0.336%
81	20.551	2982	2986	2988	rBV5	126222	217730	1.21%	0.131%
82	20.739	3013	3018	3024	rBV	1686273	2216450	12.34%	1.338%
83	20.904	3040	3046	3050	rBV2	963340	1863613	10.38%	1.125%
84	20.951	3050	3054	3057	rVV	880376	1192183	6.64%	0.719%
85	20.992	3057	3061	3066	rVV2	793166	1640089	9.13%	0.990%
86	21.051	3066	3071	3083	rVB	1475075	2293012	12.77%	1.384%
87	21.286	3105	3111	3117	rBV3	6002460	13530178	75.34%	8.165%
88	21.345	3117	3121	3133	rVB	4359748	6918666	38.53%	4.175%
89	21.486	3141	3145	3151	rBV3	244633	456904	2.54%	0.276%
90	21.668	3173	3176	3183	rVB2	231293	464739	2.59%	0.280%
91	21.974	3224	3228	3233	rVB2	611700	989725	5.51%	0.597%
92	22.039	3235	3239	3245	rVB	381469	684447	3.81%	0.413%
93	22.221	3267	3270	3274	rBV2	199515	254438	1.42%	0.154%
94	22.945	3389	3393	3397	rBV	224805	480295	2.67%	0.290%
95	23.315	3447	3456	3462	rBV2	2733545	8160046	45.44%	4.924%
96	23.545	3490	3495	3502	rVB	404595	844835	4.70%	0.510%
97	23.962	3561	3566	3580	rVB2	599245	1685596	9.39%	1.017%
98	24.098	3582	3589	3600	rVB	1323170	3174931	17.68%	1.916%
99	24.239	3605	3613	3637	rVB	1988406	6007912	33.46%	3.626%
100	27.539	4167	4174	4196	rVB3	709274	3299864	18.38%	1.991%

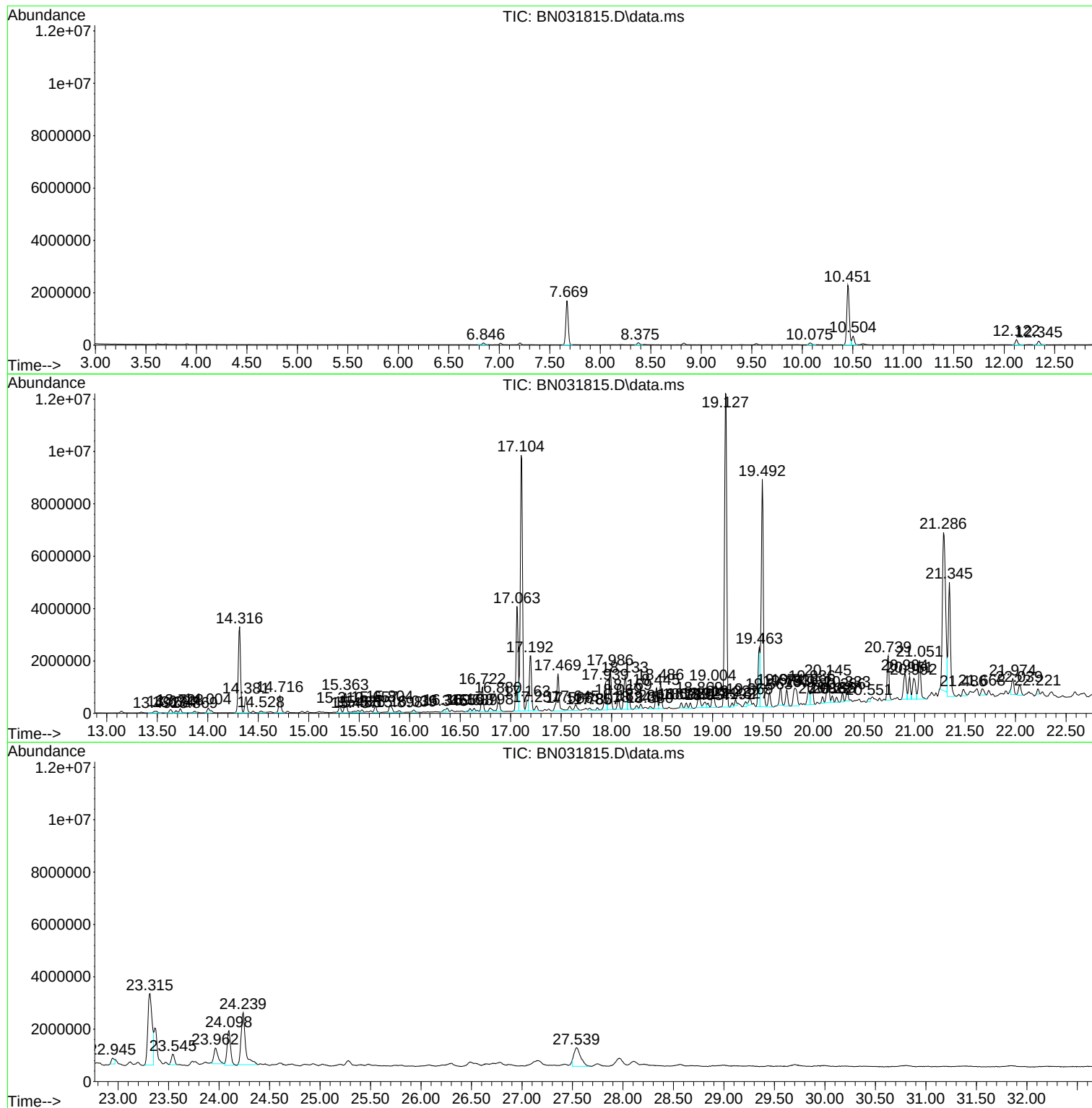
Sum of corrected areas: 165710049

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

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\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

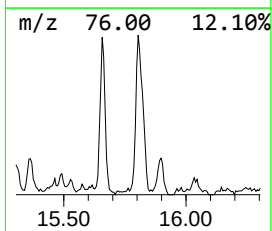
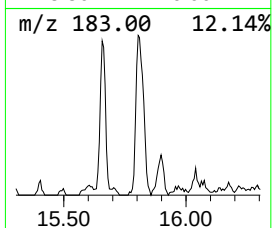
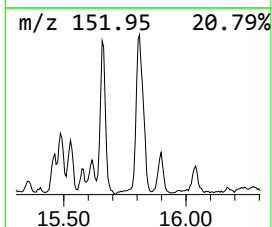
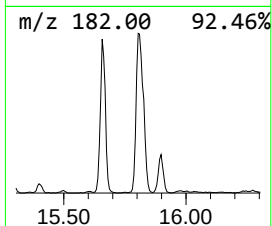
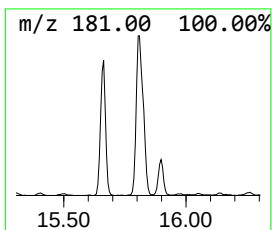
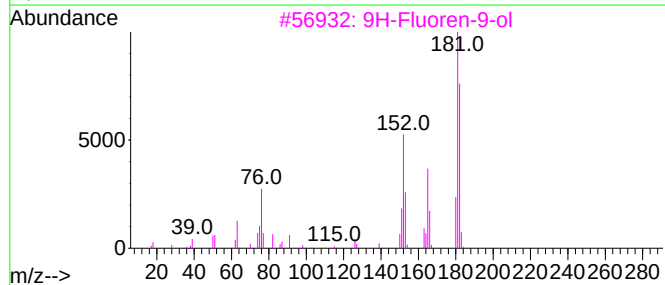
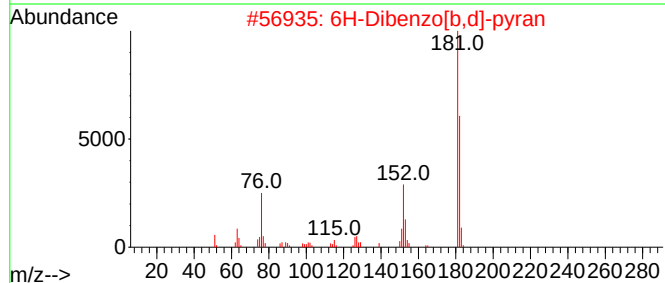
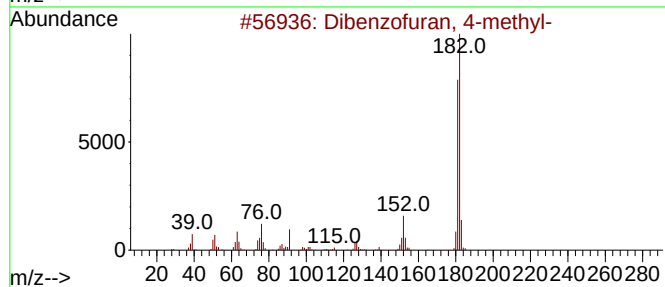
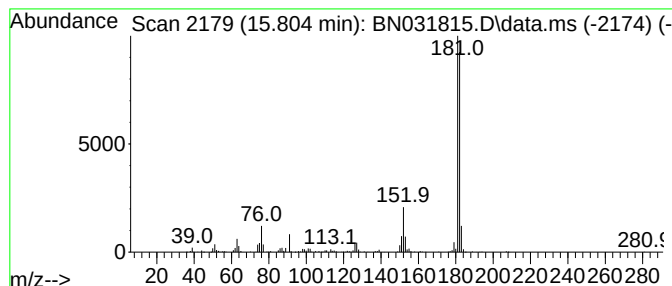
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	2.10 ng/ul	604163	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	93
2			6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	90
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
5			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

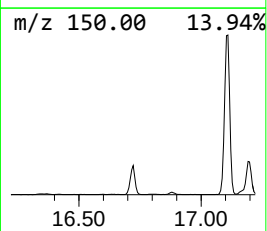
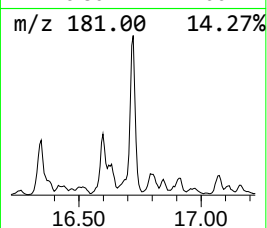
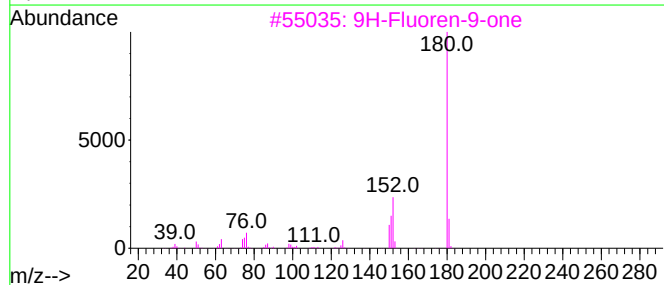
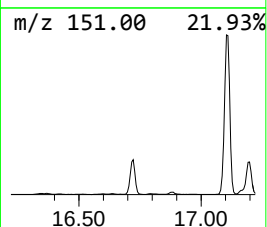
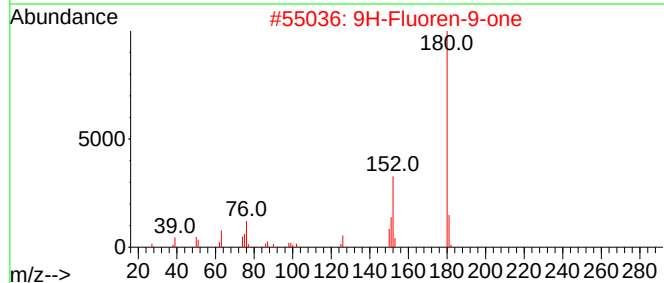
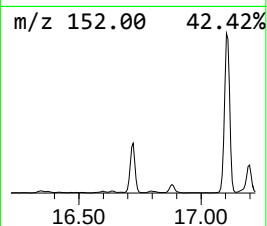
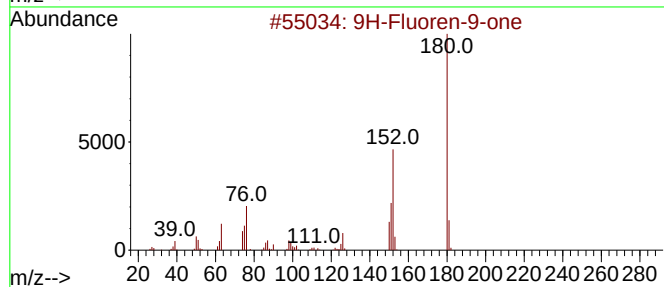
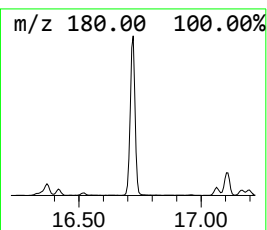
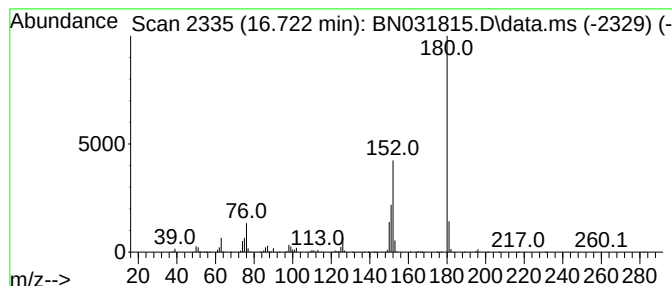
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 9H-Fluoren-9-one Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.722	4.59 ng/ul	1323770	Phenanthrene-d10	17.063

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	94
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

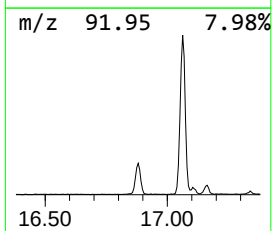
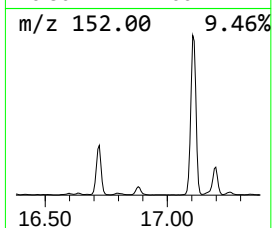
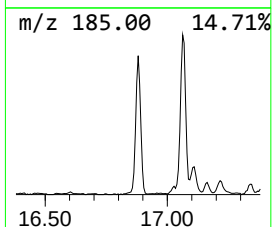
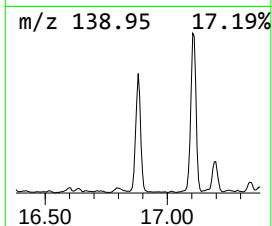
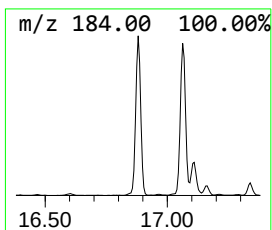
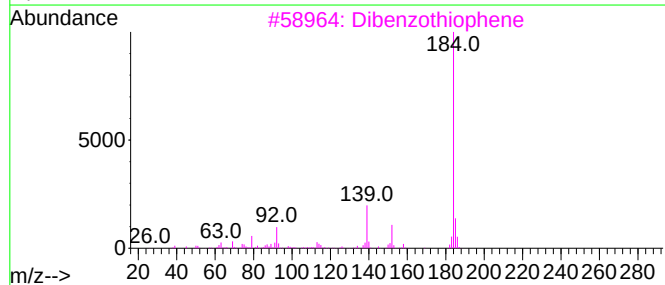
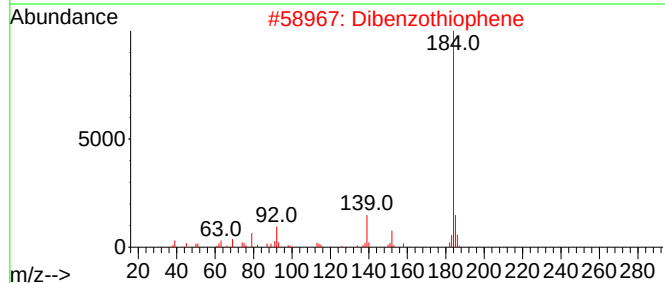
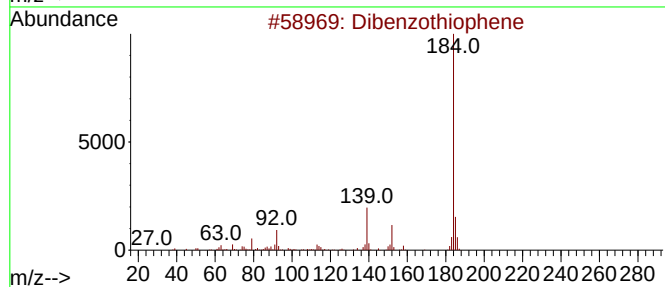
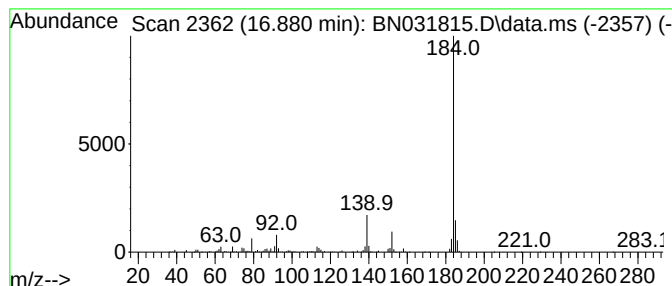
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.881	2.96 ng/ul	852048	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzothiophene	184	C12H8S	000132-65-0	97
2			Dibenzothiophene	184	C12H8S	000132-65-0	96
3			Dibenzothiophene	184	C12H8S	000132-65-0	96
4			Dibenzothiophene	184	C12H8S	000132-65-0	95
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

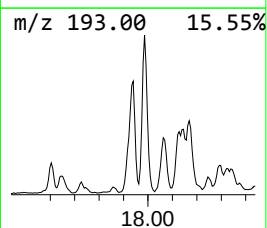
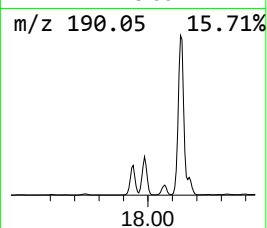
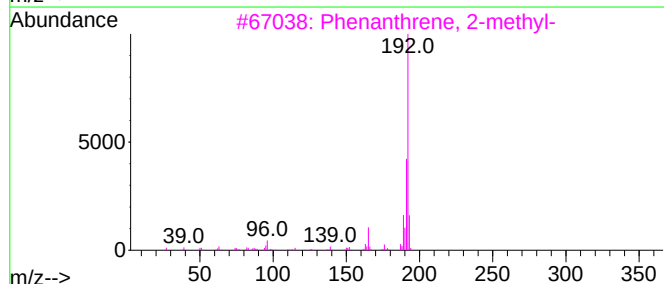
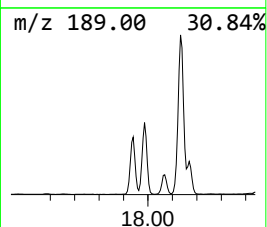
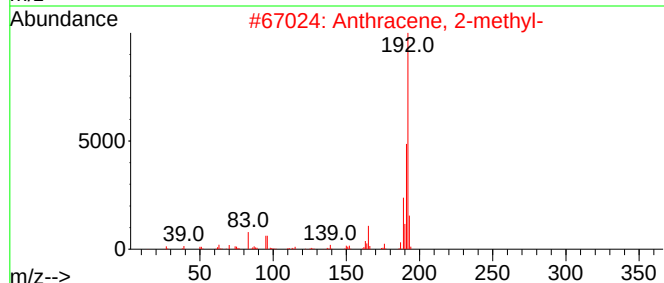
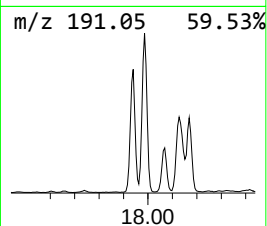
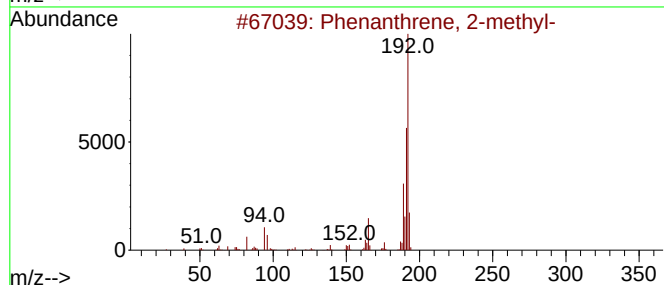
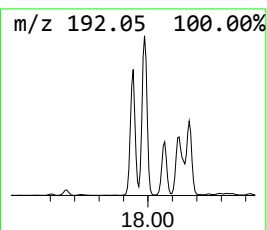
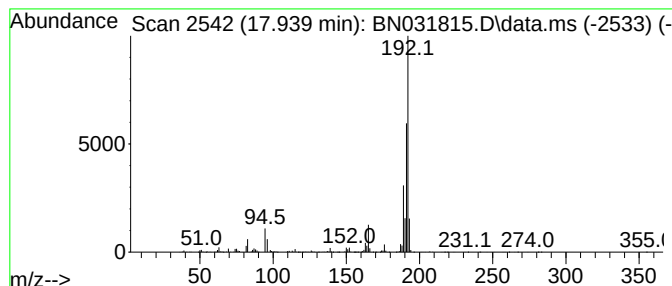
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.939	5.50 ng/ul	1585480	Phenanthrene-d10	17.063

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

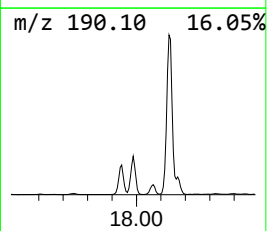
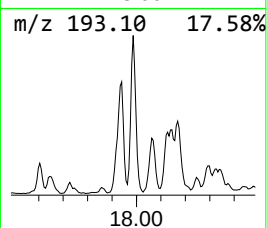
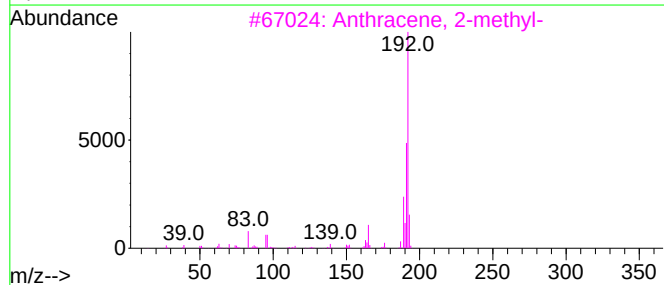
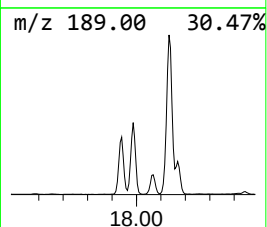
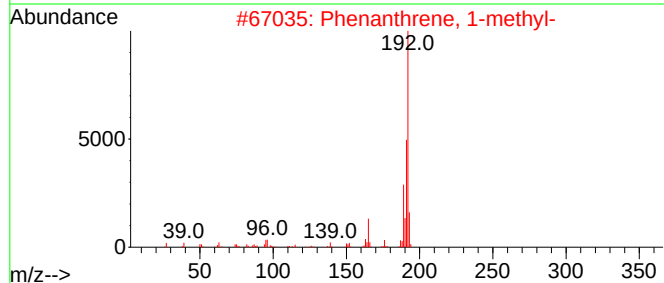
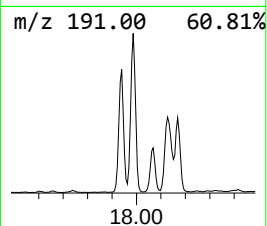
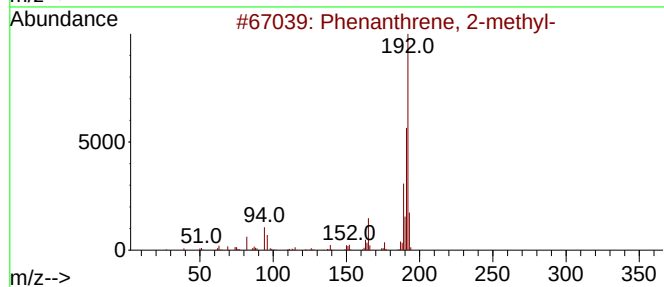
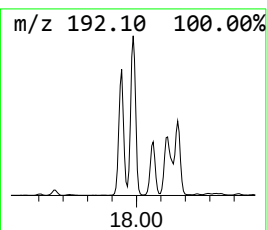
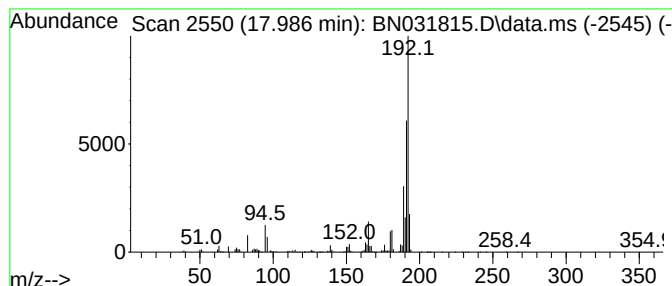
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	8.14 ng/ul	2347040	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

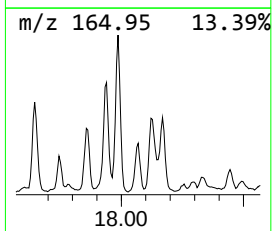
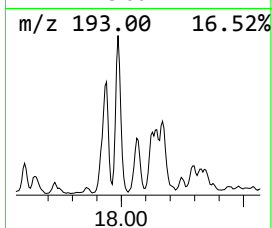
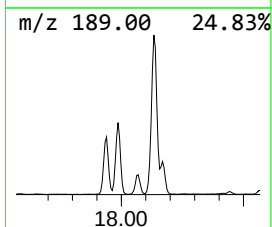
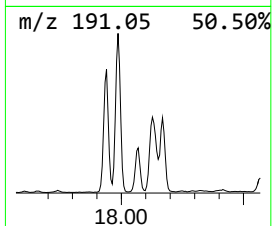
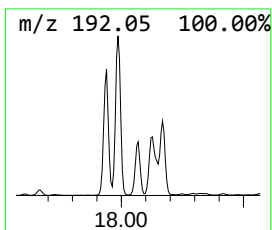
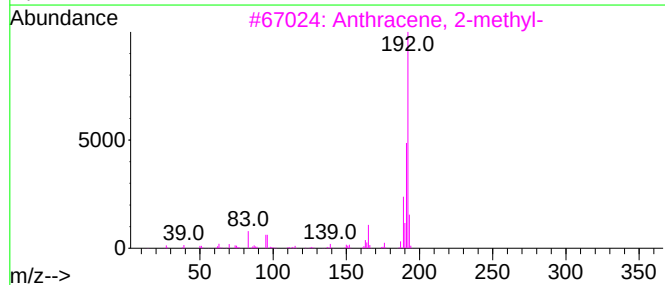
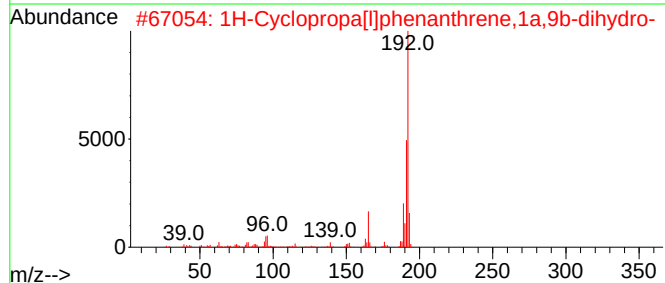
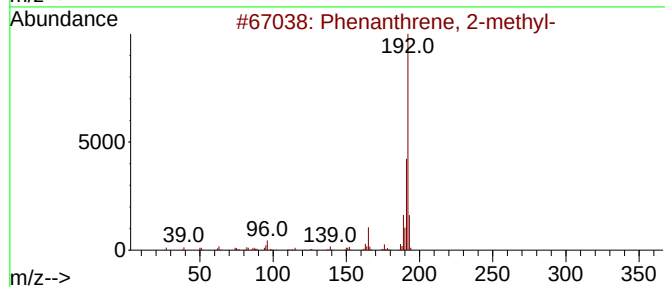
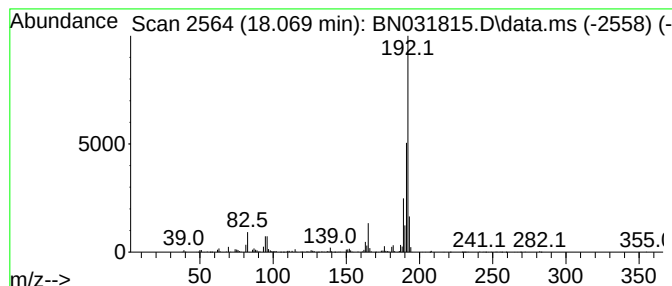
Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

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 1H-Cyclopropa[1]phenanthren... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.069	2.04 ng/ul	588755	Phenanthrene-d10	17.063	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

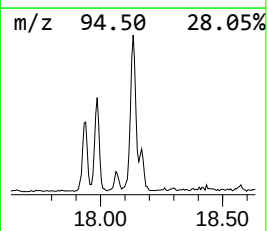
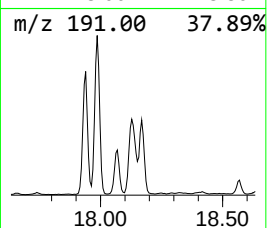
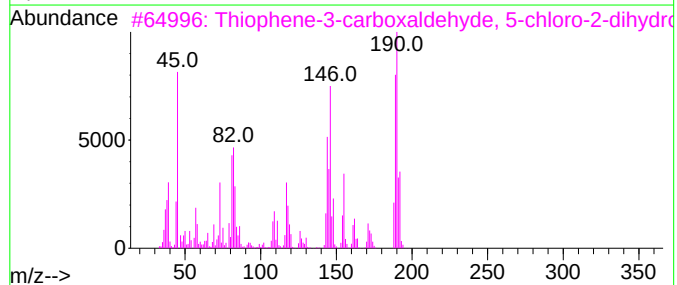
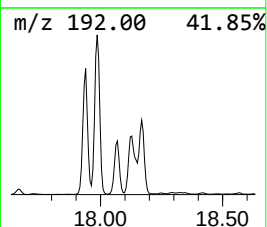
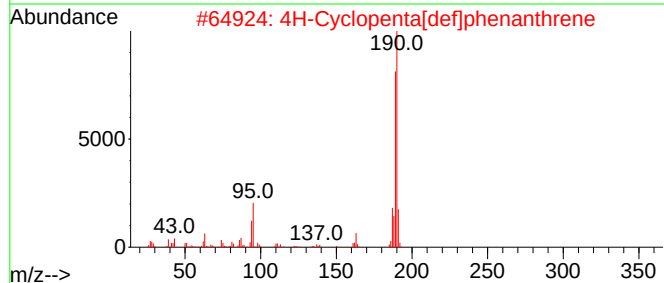
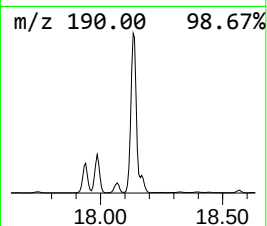
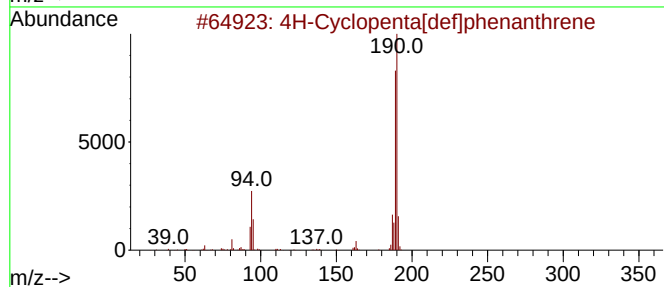
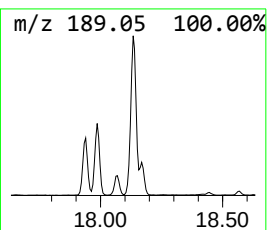
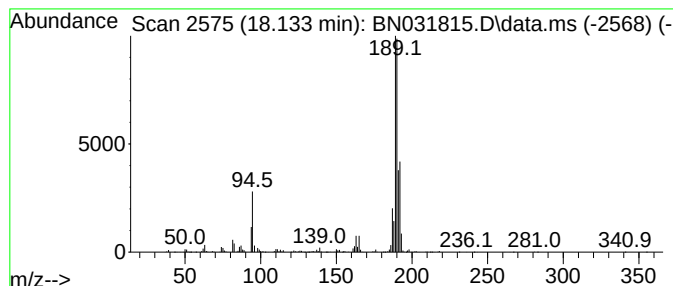
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	7.99 ng/ul	2304100	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
3			Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	47
4			Methyl diselenide	190	C2H6Se2	007101-31-7	43
5			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

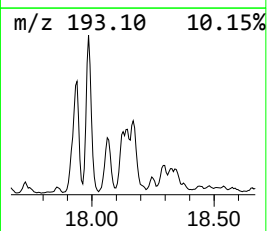
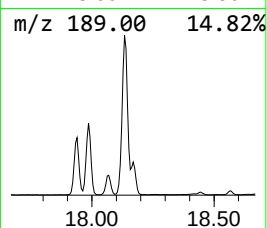
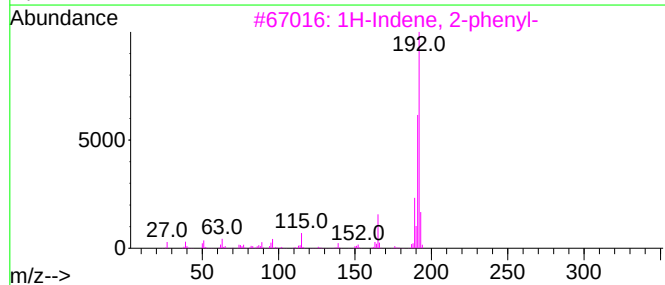
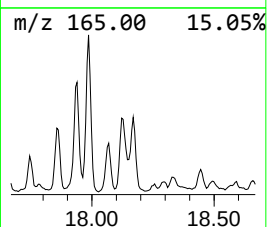
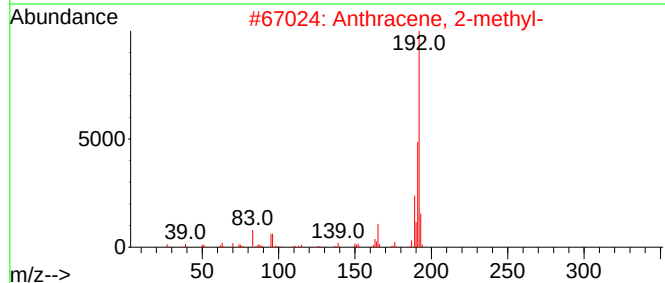
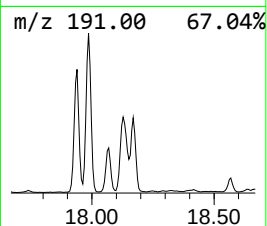
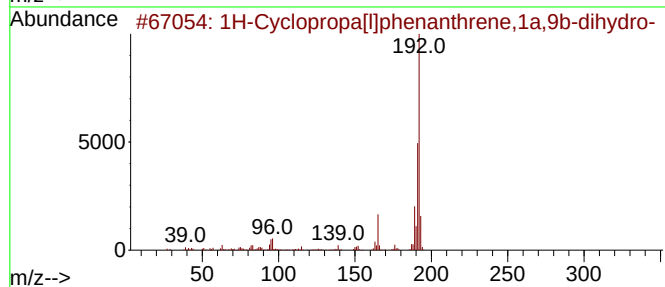
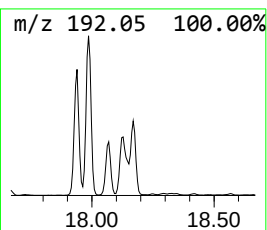
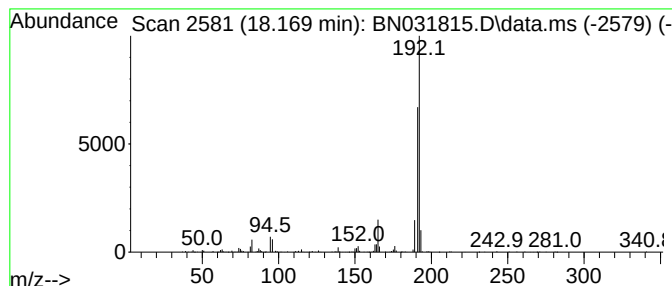
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.169	2.52 ng/ul	727019	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
3			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	83
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

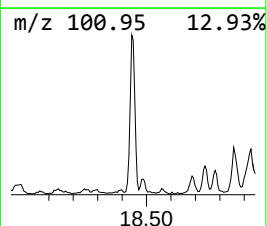
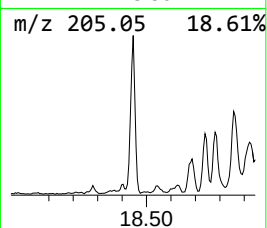
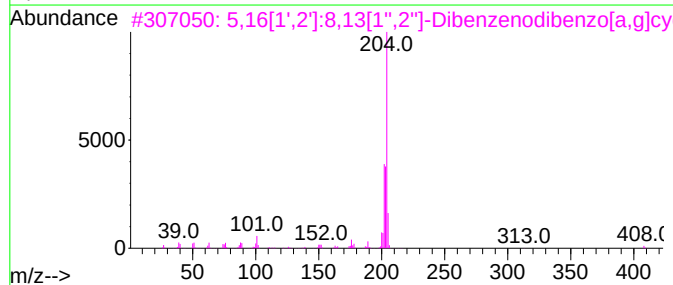
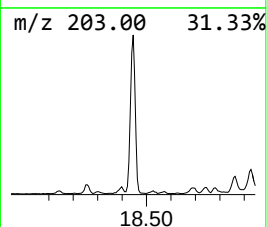
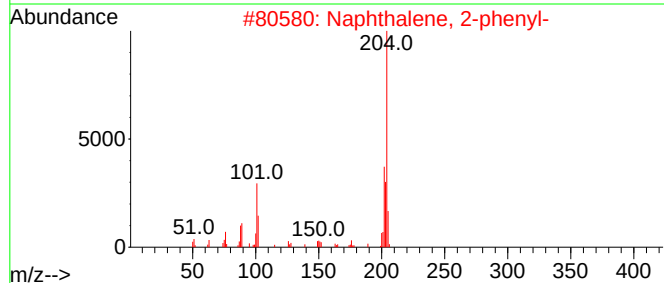
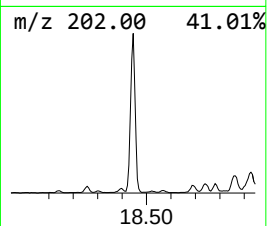
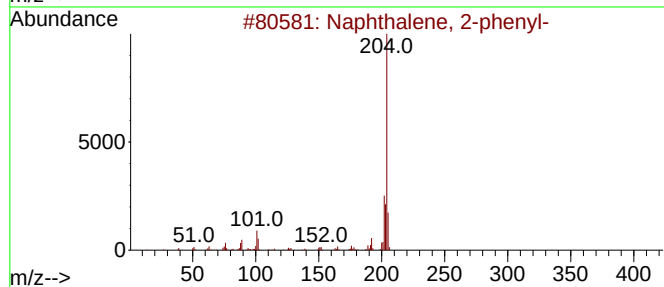
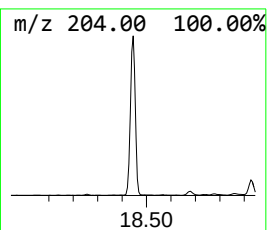
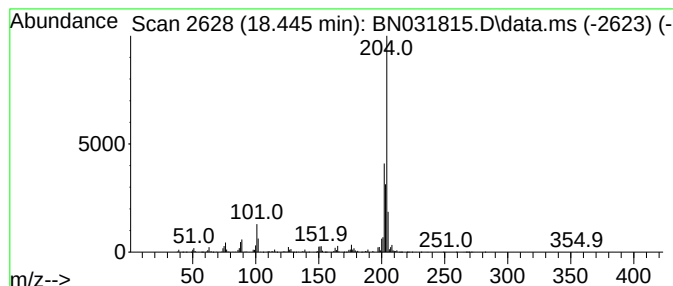
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	3.78 ng/ul	1090090	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
4			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

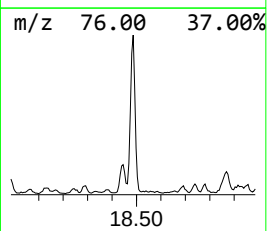
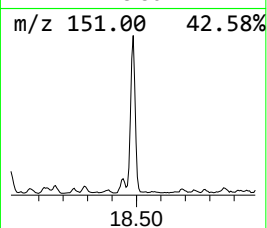
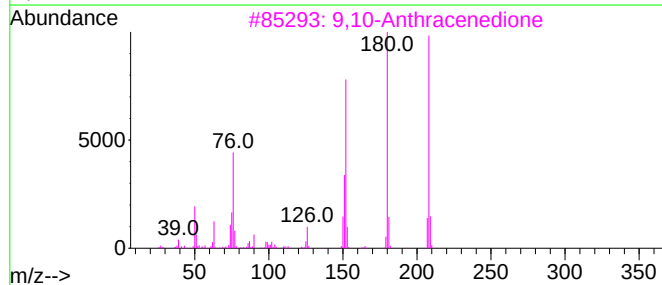
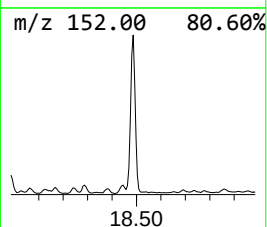
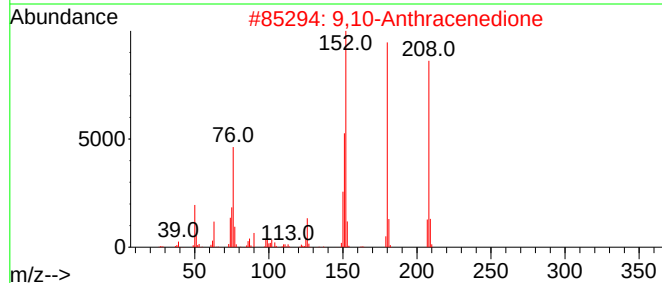
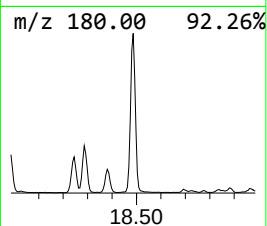
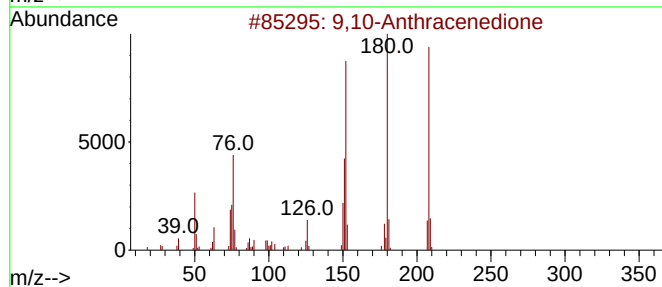
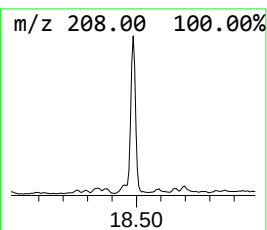
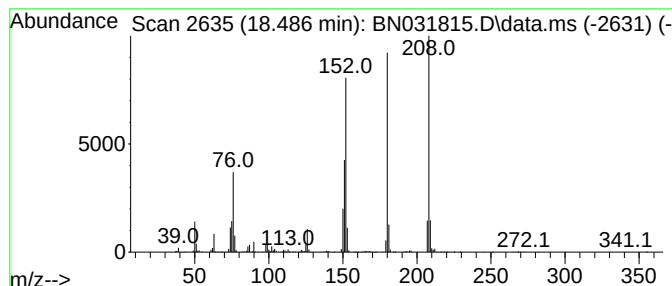
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.486	4.39 ng/ul	1265190	Phenanthrene-d10	17.063

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	97
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	93
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

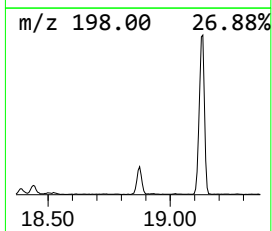
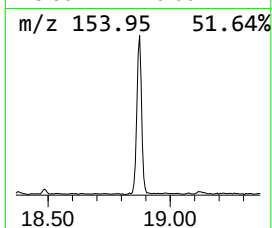
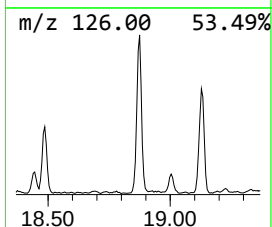
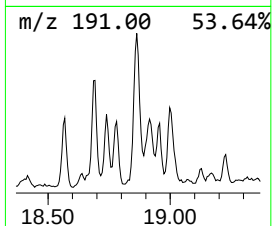
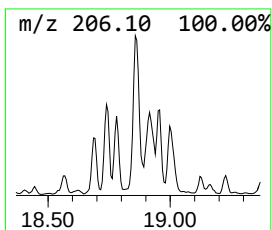
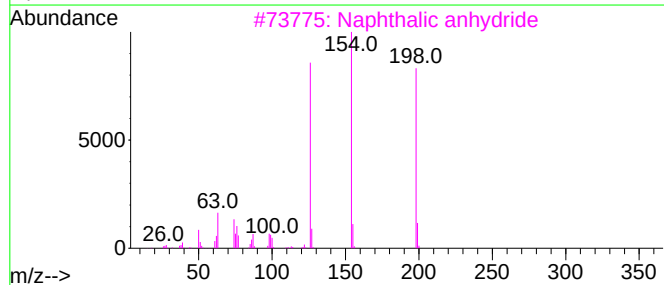
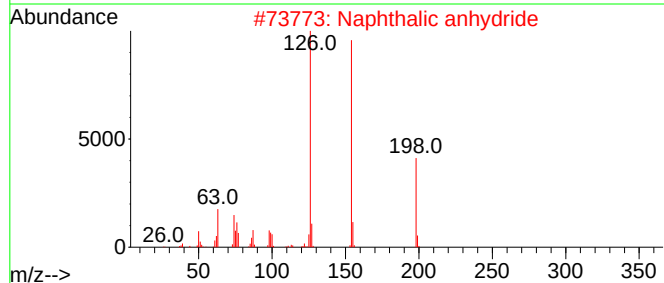
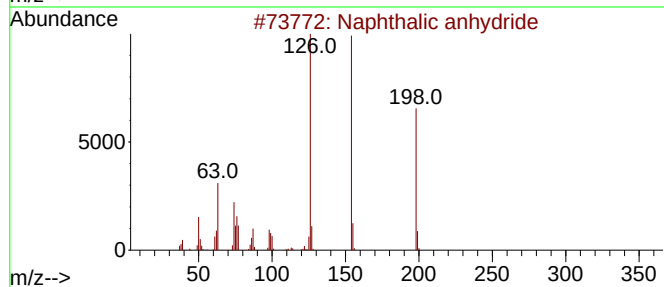
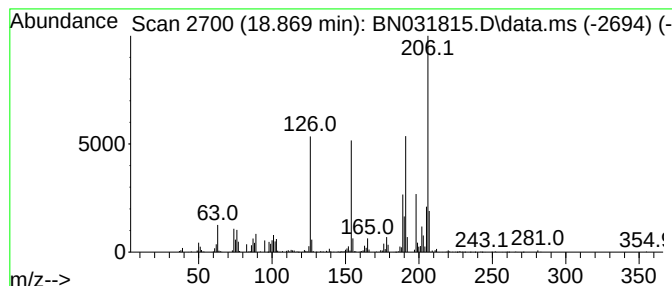
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Naphthalic anhydride Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	2.96 ng/ul	854001	Phenanthrene-d10	17.063

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalic anhydride	198	C12H6O3	000081-84-5	93
2			Naphthalic anhydride	198	C12H6O3	000081-84-5	93
3			Naphthalic anhydride	198	C12H6O3	000081-84-5	78
4			Naphthalic anhydride	198	C12H6O3	000081-84-5	78
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

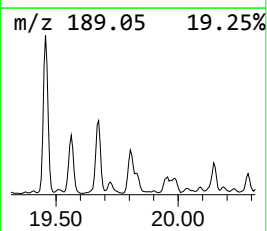
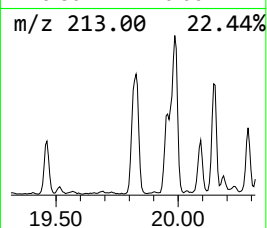
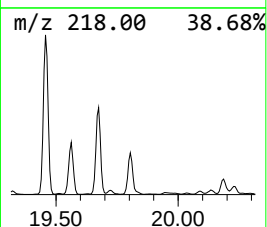
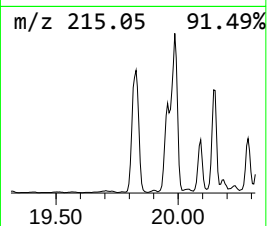
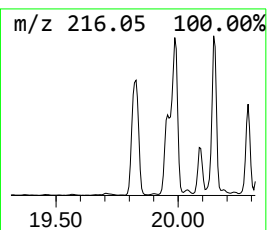
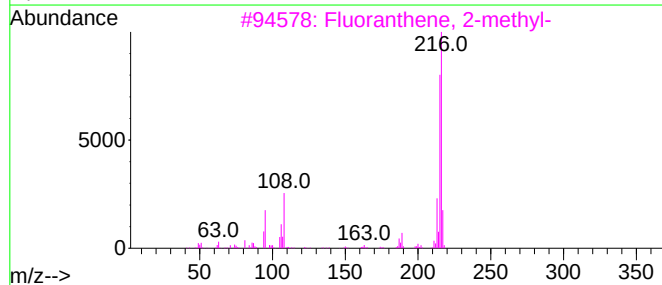
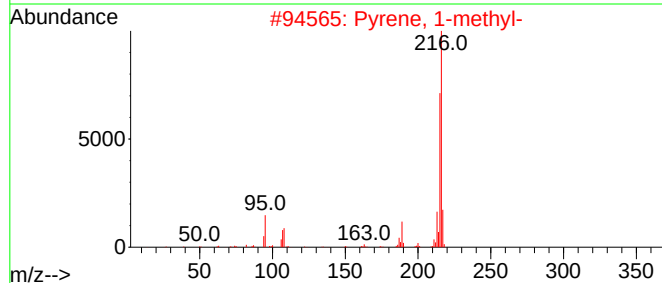
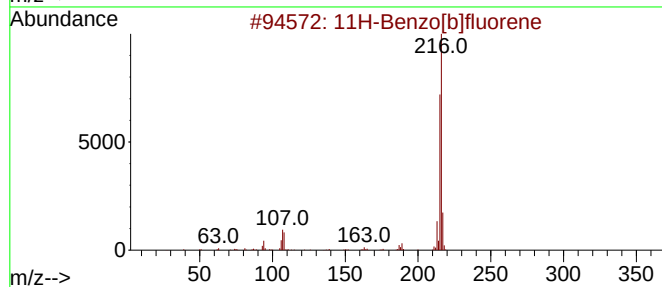
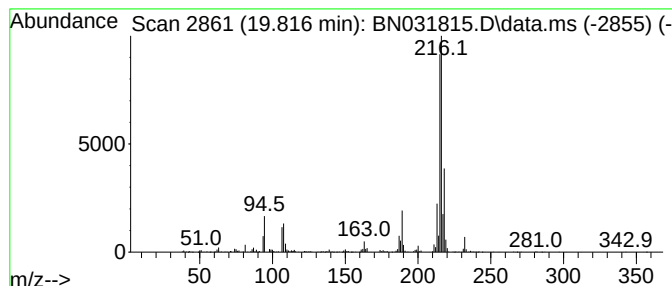
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.816	2.57 ng/ul	1735810	Chrysene-d12	21.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2		Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3		Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	92
4		Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5		11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

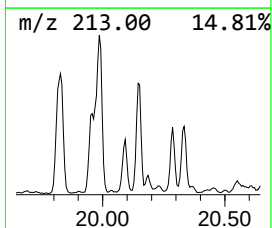
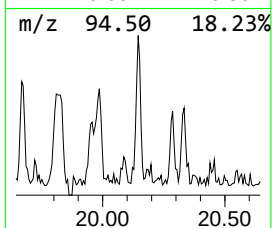
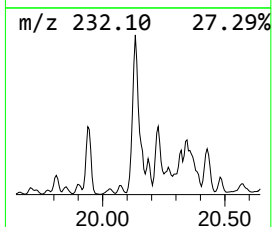
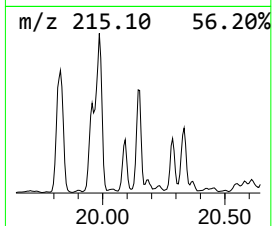
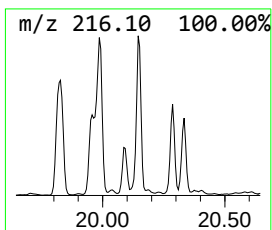
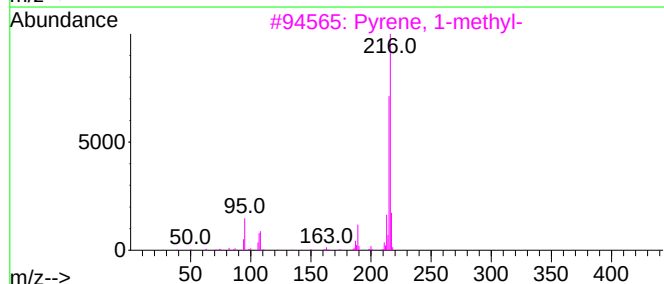
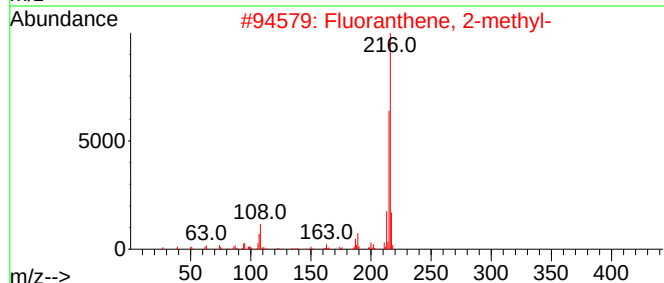
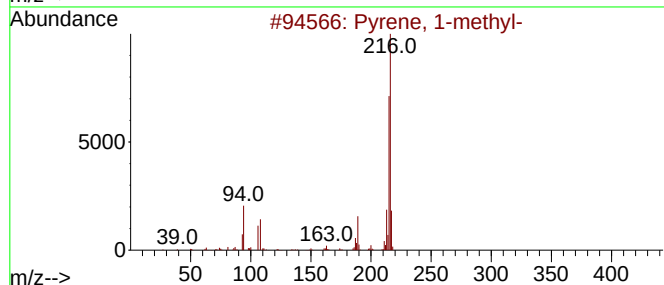
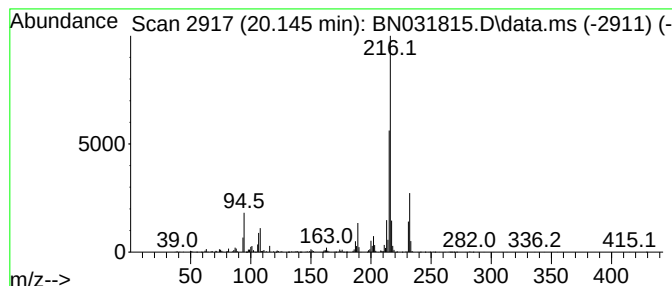
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.145	2.29 ng/ul	1550590	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, 1-methyl-	216	C17H12	002381-21-7	94
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	92



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

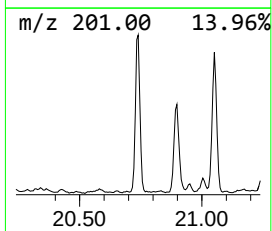
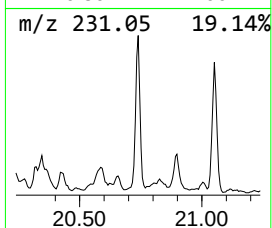
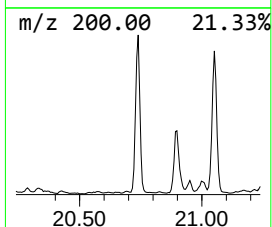
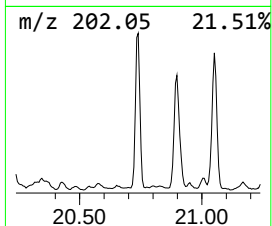
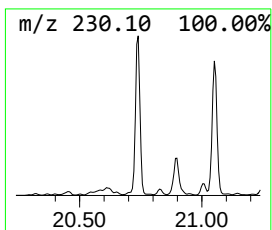
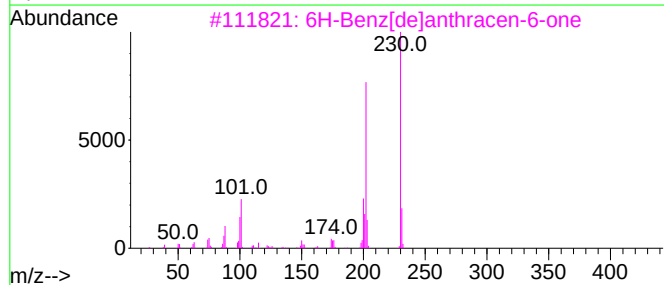
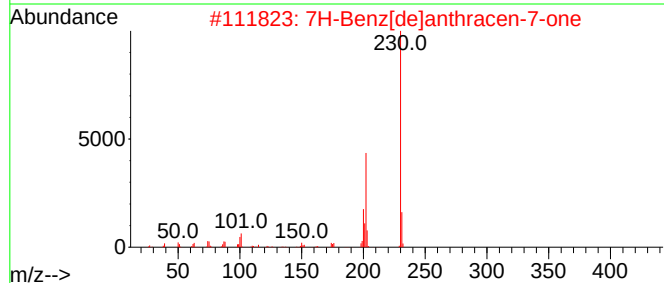
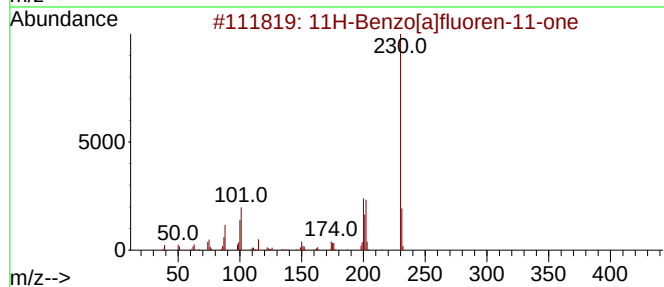
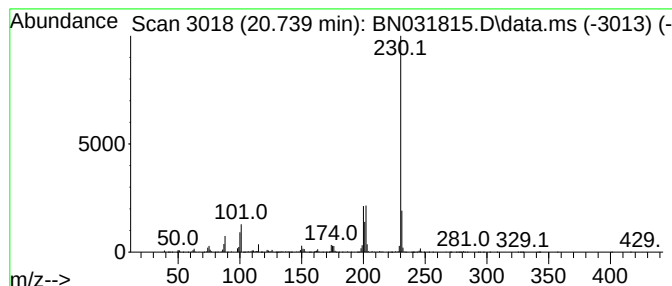
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.739	3.28 ng/ul	2216450	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3			6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
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	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

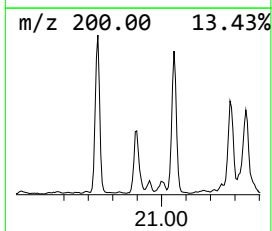
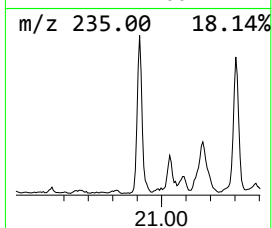
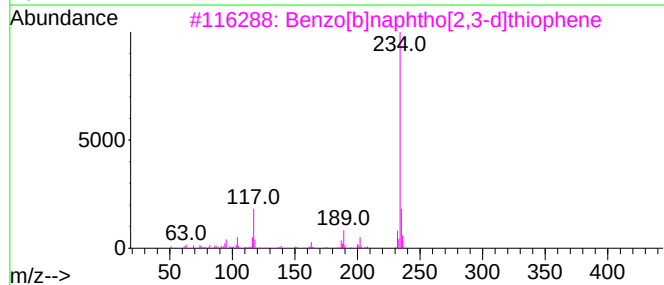
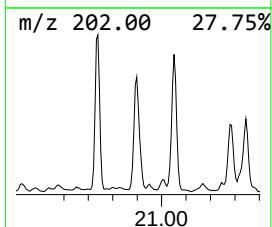
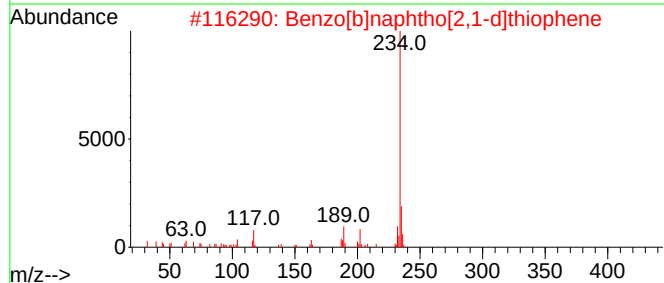
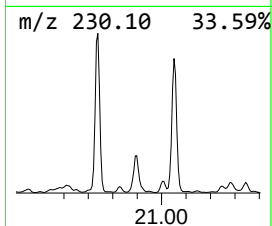
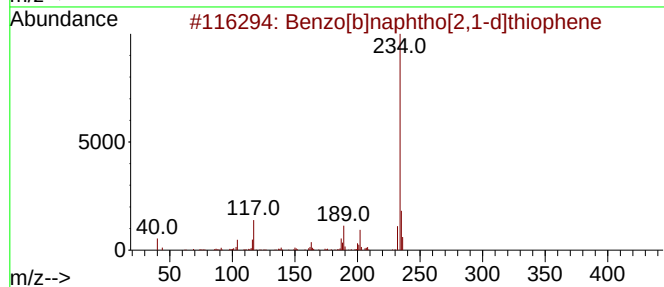
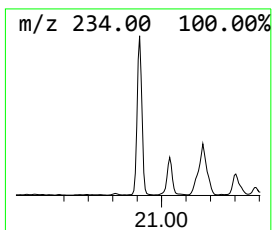
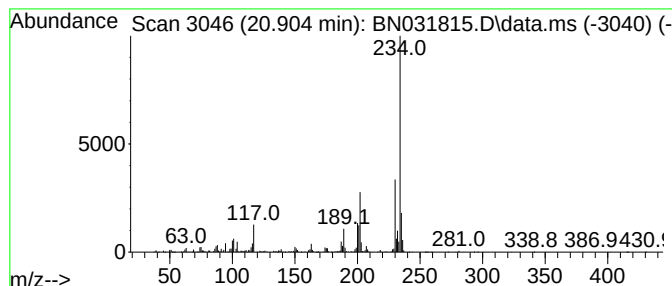
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.904	2.75 ng/ul	1863610	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	95
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	92
5			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

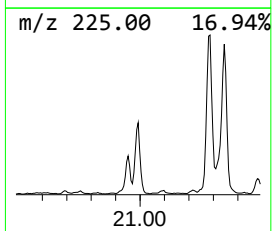
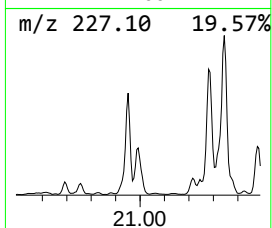
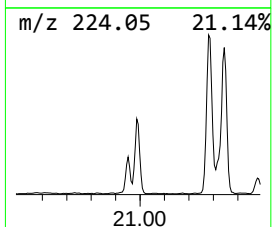
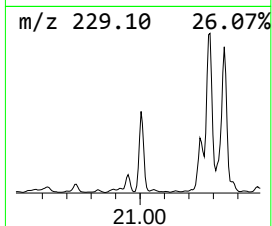
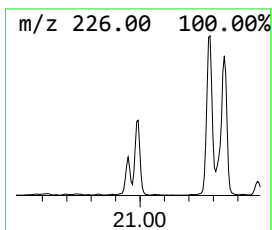
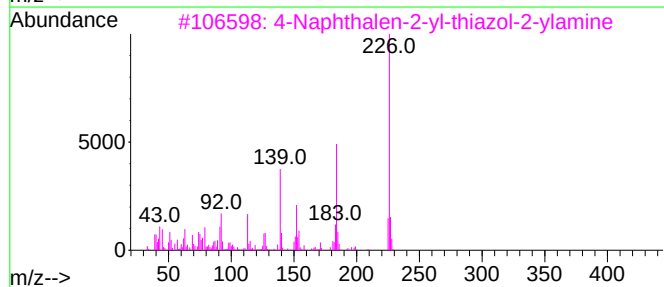
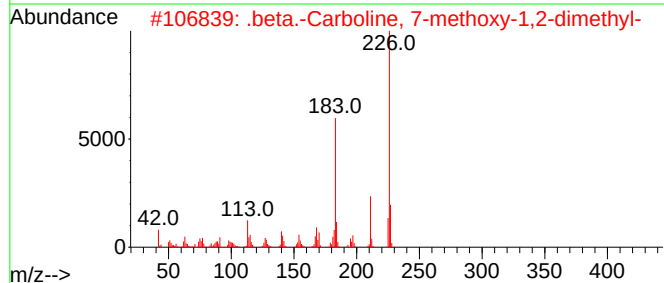
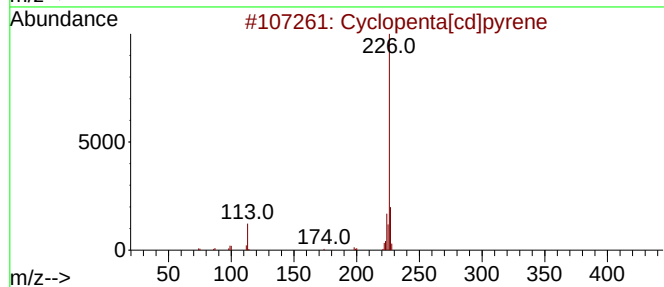
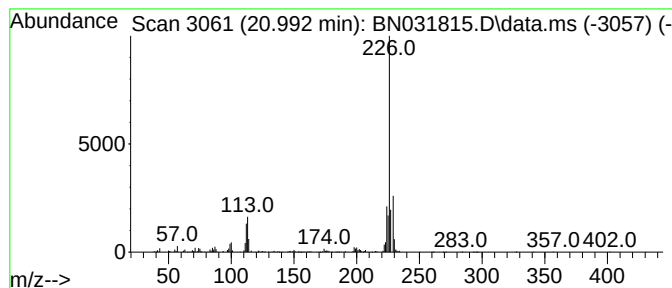
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.992	2.42 ng/ul	1640090	Chrysene-d12	21.304

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
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	50
4			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
5			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

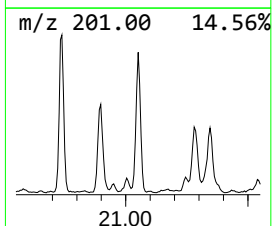
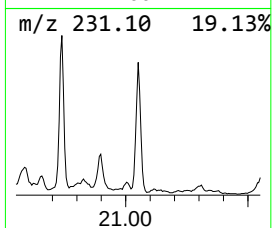
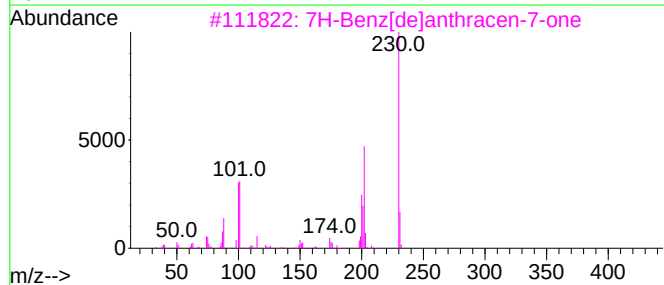
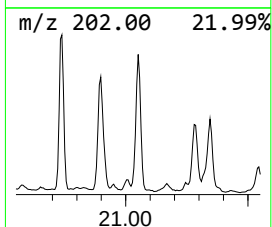
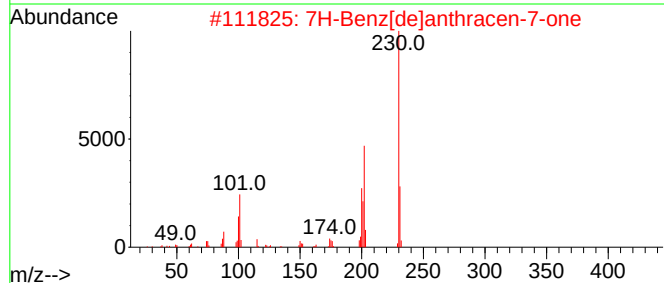
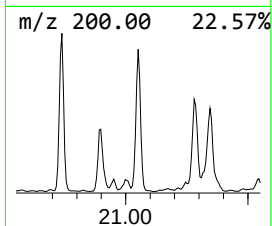
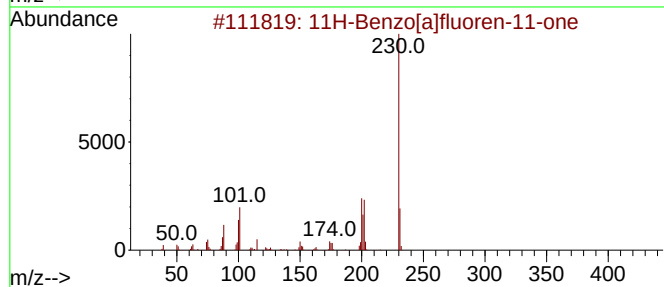
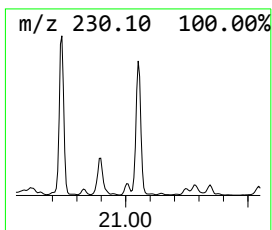
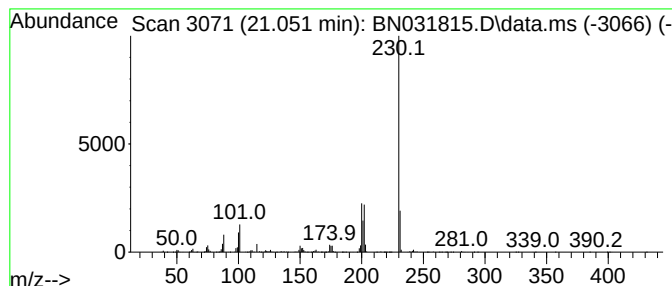
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.051	3.39 ng/ul	2293010	Chrysene-d12	21.304

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
3		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5		7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

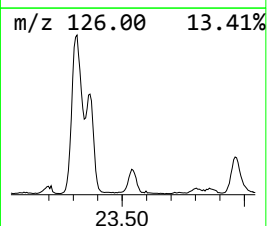
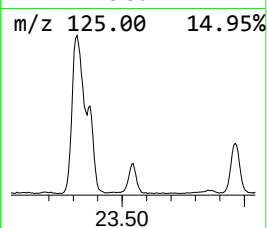
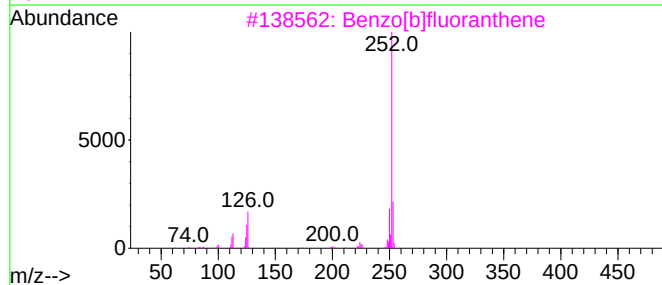
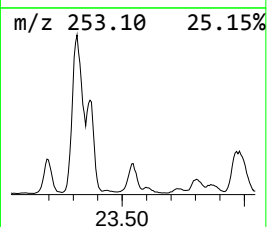
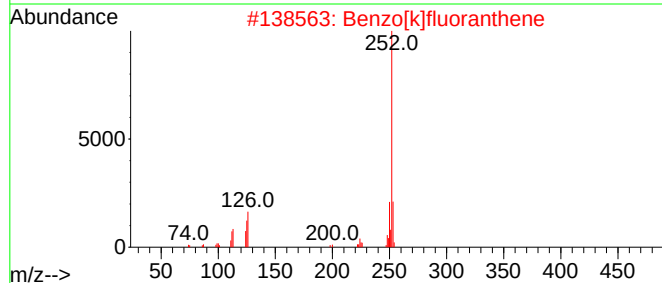
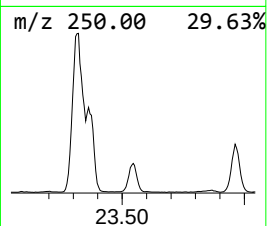
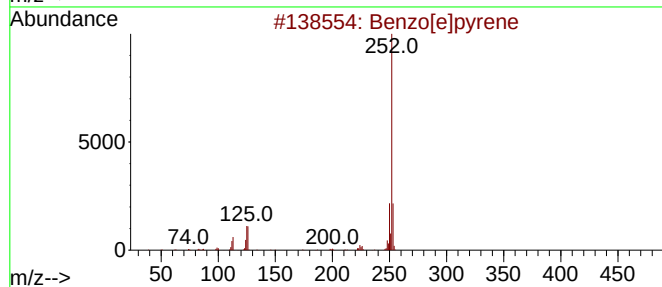
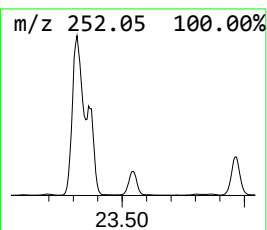
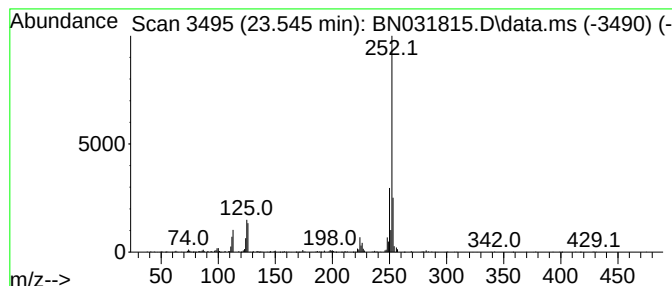
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Benzo[e]pyrene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.545	2.81 ng/ul	844835	Perylene-d12	24.239

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	98
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	97
4			Perylene	252	C20H12	000198-55-0	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

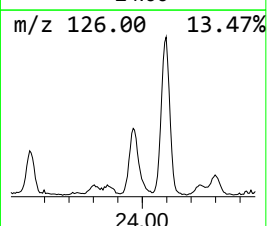
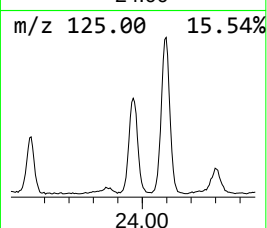
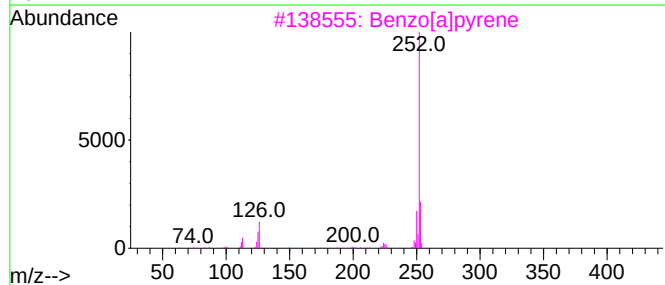
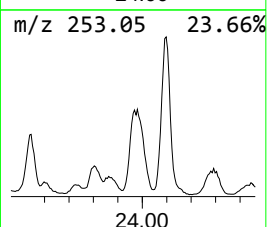
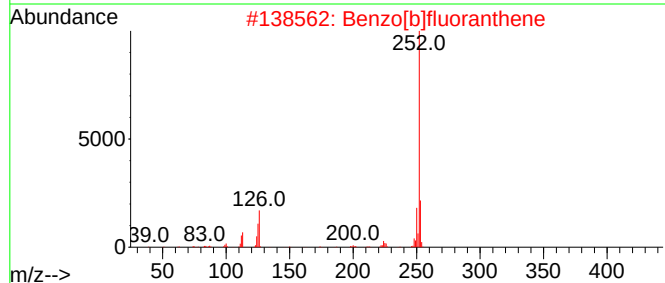
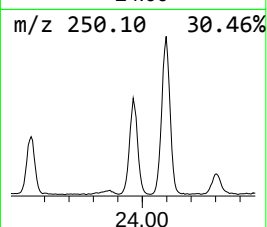
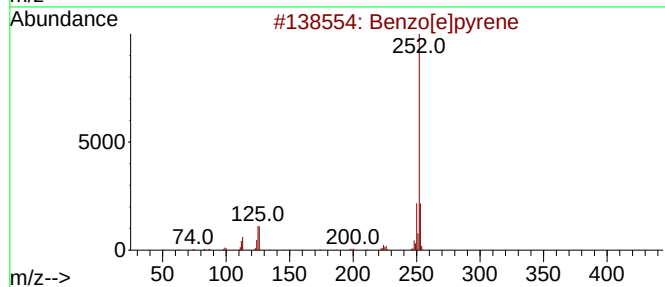
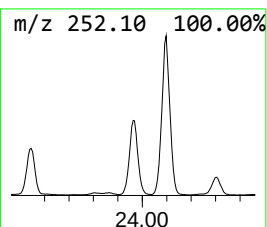
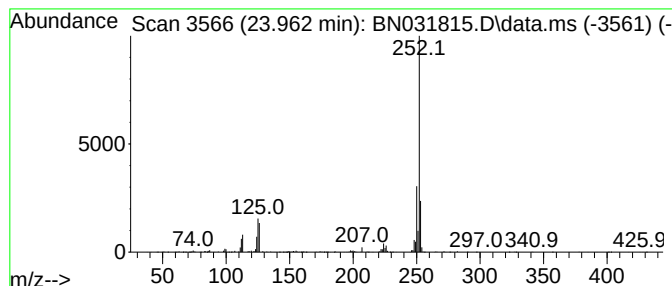
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.962	5.61 ng/ul	1685600	Perylene-d12	24.239

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN060624\
Data File : BN031815.D
Acq On : 06 Jun 2024 12:36
Operator : MA/JU
Sample : P2591-05DL2 30X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH5S8DL2

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
Dibenzofuran, 4...	15.804	2.1	ng/ul	604163	4	17.063	5766430	20.0
9H-Fluoren-9-one	16.722	4.6	ng/ul	1323770	4	17.063	5766430	20.0
Dibenzothiophene	16.881	3.0	ng/ul	852048	4	17.063	5766430	20.0
Phenanthrene, 2...	17.939	5.5	ng/ul	1585480	4	17.063	5766430	20.0
Phenanthrene, 1...	17.986	8.1	ng/ul	2347040	4	17.063	5766430	20.0
1H-Cyclopropa[l...	18.069	2.0	ng/ul	588755	4	17.063	5766430	20.0
4H-Cyclopenta[d...	18.133	8.0	ng/ul	2304100	4	17.063	5766430	20.0
Anthracene, 2-m...	18.169	2.5	ng/ul	727019	4	17.063	5766430	20.0
Naphthalene, 2-...	18.445	3.8	ng/ul	1090090	4	17.063	5766430	20.0
9,10-Anthracene...	18.486	4.4	ng/ul	1265190	4	17.063	5766430	20.0
Naphthalic anhy...	18.869	3.0	ng/ul	854001	4	17.063	5766430	20.0
Cyclopenta(def)...	19.004	4.5	ng/ul	1309720	4	17.063	5766430	20.0
11H-Benzo[b]flu...	19.816	2.6	ng/ul	1735810	5	21.304	13530200	20.0
Pyrene, 1-methyl-	20.145	2.3	ng/ul	1550590	5	21.304	13530200	20.0
11H-Benzo[a]flu...	20.739	3.3	ng/ul	2216450	5	21.304	13530200	20.0
Benzo[b]naphtho...	20.904	2.8	ng/ul	1863610	5	21.304	13530200	20.0
Cyclopenta[cd]p...	20.992	2.4	ng/ul	1640090	5	21.304	13530200	20.0
7H-Benz[de]anth...	21.051	3.4	ng/ul	2293010	5	21.304	13530200	20.0
Benzo[e]pyrene	23.545	2.8	ng/ul	844835	6	24.239	6007910	20.0
Perylene	23.962	5.6	ng/ul	1685600	6	24.239	6007910	20.0