

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031738.D
 Acq On : 31 May 2024 12:22
 Operator : MA/JU
 Sample : P2549-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBNI

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: BN031738.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.593	100	103	117	rBV	1014108	1537694	3.77%	0.248%
2	6.852	647	657	674	rBV	1781933	3165491	7.76%	0.510%
3	7.022	679	686	697	rBV	1472198	2267162	5.56%	0.365%
4	7.216	708	719	725	rBV	1726754	2829282	6.94%	0.455%
5	7.681	790	798	806	rBV	2106176	3392859	8.32%	0.546%
6	8.381	910	917	924	rBV	2114055	3345943	8.21%	0.539%
7	8.834	987	994	1002	rBV	1648565	2730268	6.70%	0.439%
8	9.552	1110	1116	1127	rVV	1336342	2191548	5.37%	0.353%
9	10.087	1199	1207	1214	rVB	2179015	3660225	8.98%	0.589%
10	10.463	1262	1271	1276	rBV	3014650	5214951	12.79%	0.839%
11	10.516	1276	1280	1287	rVV	1306821	2156553	5.29%	0.347%
12	10.604	1288	1295	1316	rVB	774978	1572256	3.86%	0.253%
13	11.204	1391	1397	1408	rVV	698340	1279867	3.14%	0.206%
14	12.134	1548	1555	1559	rVV	941101	1613316	3.96%	0.260%
15	12.351	1585	1592	1602	rVB	786481	1255656	3.08%	0.202%
16	13.640	1804	1811	1816	rVV	851996	1501925	3.68%	0.242%
17	13.740	1823	1828	1832	rVV	3574002	5001479	12.27%	0.805%
18	14.016	1869	1875	1878	rVV2	4237858	7033767	17.25%	1.132%
19	14.045	1878	1880	1893	rVB	2681486	3195161	7.84%	0.514%
20	14.322	1918	1927	1933	rBV	4310986	6798297	16.67%	1.094%
21	14.387	1933	1938	1946	rVB	1946027	3016485	7.40%	0.486%
22	14.557	1956	1967	1973	rBV2	10072441	23258395	57.04%	3.744%
23	14.722	1990	1995	2003	rVB	2328493	3571231	8.76%	0.575%
24	15.316	2090	2096	2101	rVV	5186597	7791726	19.11%	1.254%
25	15.375	2101	2106	2114	rVV	2847553	4561296	11.19%	0.734%
26	15.445	2114	2118	2124	rVV2	521442	1030832	2.53%	0.166%
27	15.669	2151	2156	2166	rVB	1386065	2156270	5.29%	0.347%
28	15.816	2172	2181	2189	rVB	1414140	2963929	7.27%	0.477%
29	16.045	2214	2220	2228	rVB4	710164	1336778	3.28%	0.215%
30	16.381	2265	2277	2281	rBV4	845589	2267186	5.56%	0.365%
31	16.604	2307	2315	2319	rVV3	897506	1692593	4.15%	0.272%
32	16.645	2319	2322	2325	rVV3	951029	1358267	3.33%	0.219%
33	16.728	2331	2336	2343	rVV	2510619	3822954	9.38%	0.615%
34	16.804	2343	2349	2359	rVV3	937490	2739645	6.72%	0.441%
35	16.886	2359	2363	2373	rVB	1823696	2913213	7.14%	0.469%
36	17.075	2389	2395	2397	rBV	4074246	6046664	14.83%	0.973%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031738.D
 Acq On : 31 May 2024 12:22
 Operator : MA/JU
 Sample : P2549-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBNI

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	17.122	2397	2403	2407	rVV	21555986	37387848	91.69%	6.018%
38	17.175	2407	2412	2414	rVV2	5035562	7504890	18.41%	1.208%
39	17.204	2414	2417	2422	rVV	6186418	8584404	21.05%	1.382%
40	17.257	2422	2426	2432	rVB2	983170	1652422	4.05%	0.266%
41	17.475	2454	2463	2468	rBV2	3306604	5904493	14.48%	0.950%
42	17.592	2478	2483	2488	rVB3	700212	998631	2.45%	0.161%
43	17.651	2488	2493	2501	rVB4	972753	1755404	4.31%	0.283%
44	17.945	2534	2543	2546	rBV	4649521	7144543	17.52%	1.150%
45	17.992	2546	2551	2557	rVB	6848930	11910105	29.21%	1.917%
46	18.075	2557	2565	2570	rVB2	1767232	2699479	6.62%	0.435%
47	18.139	2570	2576	2580	rBV2	5288617	9909607	24.30%	1.595%
48	18.175	2580	2582	2589	rVB	3102282	4166768	10.22%	0.671%
49	18.451	2625	2629	2633	rVV	3289485	4738261	11.62%	0.763%
50	18.492	2633	2636	2642	rVB	3627462	4822881	11.83%	0.776%
51	18.698	2667	2671	2675	rVV2	1566814	2244136	5.50%	0.361%
52	18.745	2675	2679	2683	rVV	1227320	1625983	3.99%	0.262%
53	18.786	2683	2686	2690	rVB	1125179	1419624	3.48%	0.228%
54	18.869	2691	2700	2705	rBV2	2674753	5732372	14.06%	0.923%
55	18.927	2705	2710	2714	rVV3	1457270	3323134	8.15%	0.535%
56	18.963	2714	2716	2720	rVV	1409006	1656848	4.06%	0.267%
57	19.016	2720	2725	2732	rVB2	2885272	4892002	12.00%	0.787%
58	19.145	2739	2747	2752	rBV	23282865	40774887	100.00%	6.563%
59	19.198	2752	2756	2759	rBV2	996354	1339681	3.29%	0.216%
60	19.233	2759	2762	2765	rVV2	864419	1097506	2.69%	0.177%
61	19.286	2765	2771	2775	rVB2	1629758	3023620	7.42%	0.487%
62	19.339	2775	2780	2783	rBV2	1079037	1746943	4.28%	0.281%
63	19.380	2783	2787	2791	rVB	938315	1307984	3.21%	0.211%
64	19.475	2797	2803	2804	rBV	9525230	13150771	32.25%	2.117%
65	19.504	2804	2808	2815	rVV	20526668	37053933	90.87%	5.964%
66	19.569	2815	2819	2826	rVB2	2449078	4054812	9.94%	0.653%
67	19.680	2832	2838	2843	rBV	2358460	3685044	9.04%	0.593%
68	19.739	2844	2848	2853	rVB	2056183	3249114	7.97%	0.523%
69	19.827	2856	2863	2869	rBV4	2789489	7344529	18.01%	1.182%
70	19.916	2875	2878	2881	rBV	1591661	1795447	4.40%	0.289%
71	19.957	2881	2885	2888	rVV3	2170275	3905889	9.58%	0.629%
72	19.998	2888	2892	2896	rVB	3842364	5467845	13.41%	0.880%
73	20.098	2905	2909	2912	rBV	2054075	2551864	6.26%	0.411%
74	20.151	2912	2918	2923	rVV2	3803745	6818613	16.72%	1.098%
75	20.233	2929	2932	2938	rBV2	849927	1683715	4.13%	0.271%
76	20.292	2938	2942	2946	rBV	1944989	2606528	6.39%	0.420%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031738.D
 Acq On : 31 May 2024 12:22
 Operator : MA/JU
 Sample : P2549-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBN1

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	20.339	2946	2950	2955	rVV3	1967064	2698690	6.62%	0.434%
78	20.457	2966	2970	2974	rVB2	1937626	2710946	6.65%	0.436%
79	20.745	3015	3019	3026	rVB	5317195	6919805	16.97%	1.114%
80	20.916	3042	3048	3052	rBV2	3018315	6098630	14.96%	0.982%
81	20.957	3052	3055	3059	rVV	3407312	4891043	12.00%	0.787%
82	20.998	3059	3062	3068	rVV2	3778943	6917261	16.96%	1.113%
83	21.063	3068	3073	3085	rVB	4616474	7811003	19.16%	1.257%
84	21.298	3103	3113	3119	rBV3	14310023	32436040	79.55%	5.221%
85	21.357	3119	3123	3134	rVB	13517518	22946514	56.28%	3.693%
86	21.492	3143	3146	3152	rBV2	1161188	2305134	5.65%	0.371%
87	21.557	3153	3157	3162	rVV2	1042773	1827913	4.48%	0.294%
88	21.692	3174	3180	3185	rBV3	1871933	3801669	9.32%	0.612%
89	21.745	3186	3189	3193	rVB3	802755	1091645	2.68%	0.176%
90	21.986	3226	3230	3235	rVB	2938237	4645269	11.39%	0.748%
91	22.051	3237	3241	3249	rVB2	1872715	3494174	8.57%	0.562%
92	22.233	3269	3272	3276	rVB2	1141064	1328769	3.26%	0.214%
93	22.904	3382	3386	3392	rBV2	1525863	2856586	7.01%	0.460%
94	23.345	3451	3461	3466	rBV3	9456743	30405547	74.57%	4.894%
95	23.563	3493	3498	3505	rVB	2090334	4043748	9.92%	0.651%
96	23.992	3564	3571	3579	rBV2	5042425	13012294	31.91%	2.094%
97	24.133	3587	3595	3606	rVB	8659472	22421906	54.99%	3.609%
98	24.257	3611	3616	3622	rVV	1986642	5313757	13.03%	0.855%
99	24.327	3624	3628	3641	rVB4	2344434	7010411	17.19%	1.128%
100	27.603	4172	4185	4203	rVB4	4007192	19290129	47.31%	3.105%

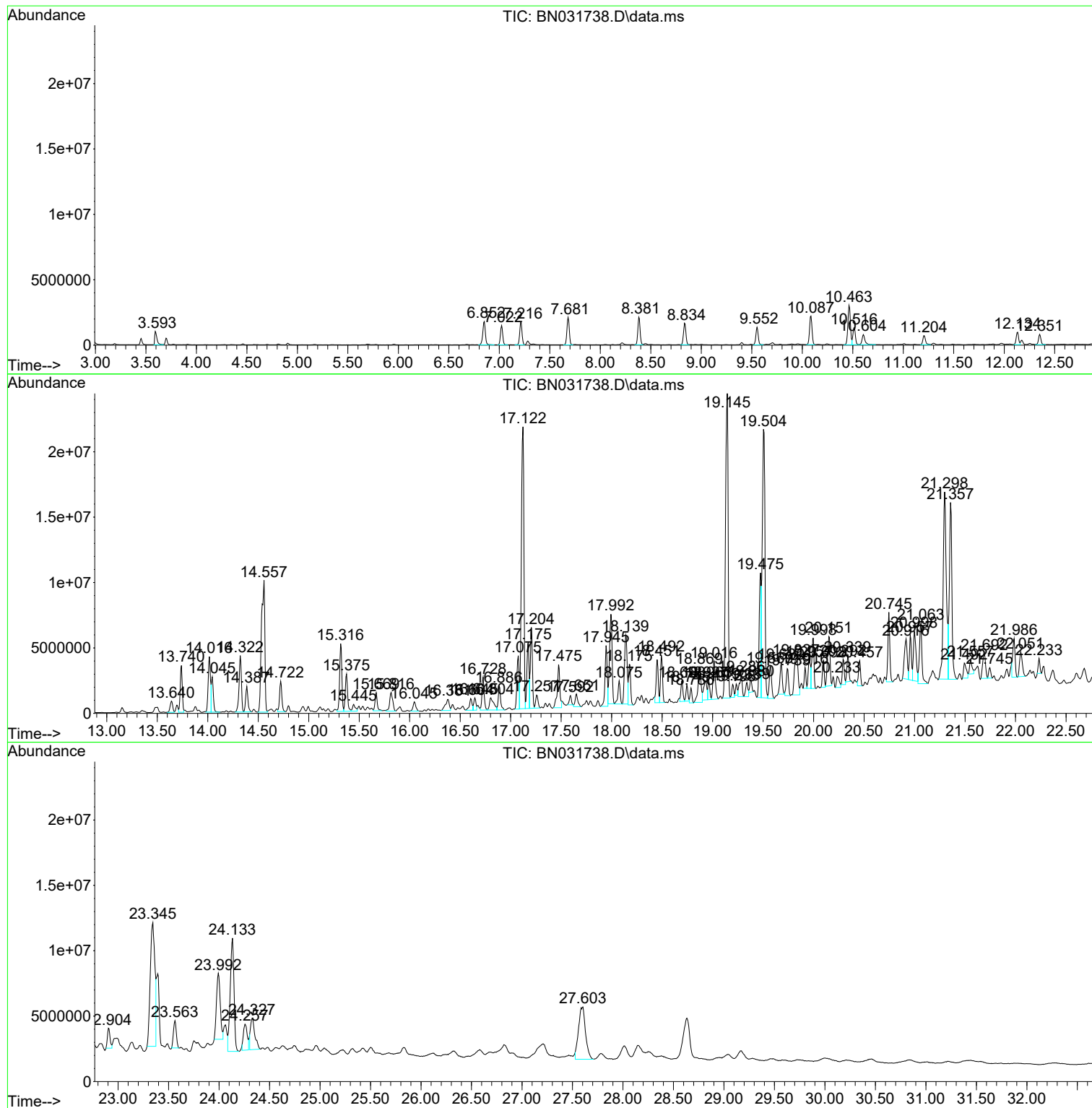
Sum of corrected areas: 621282607

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

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\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

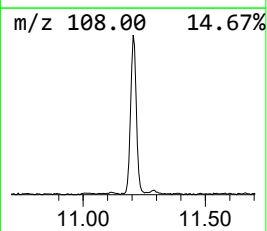
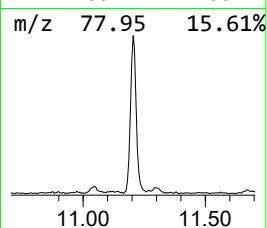
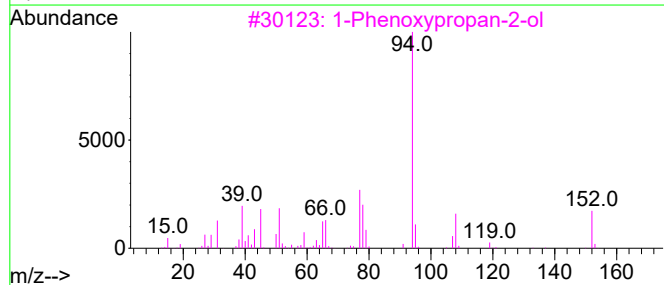
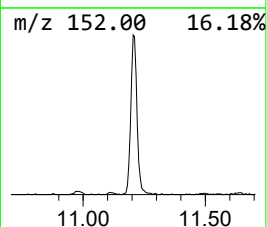
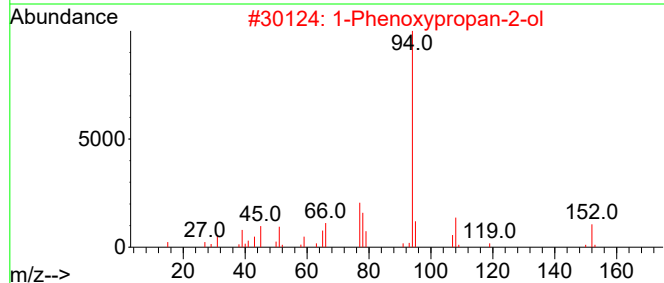
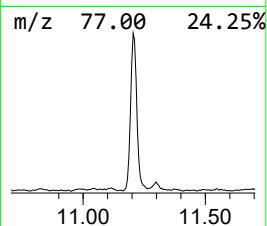
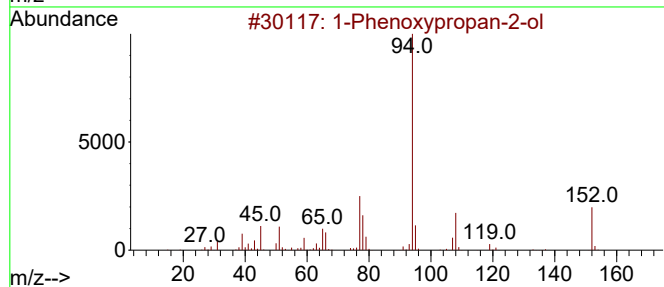
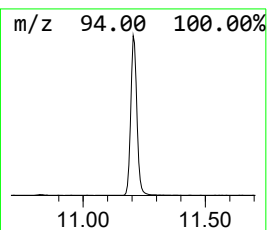
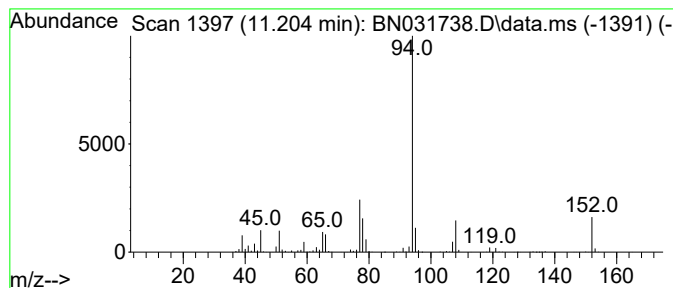
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1-Phenoxypropan-2-ol Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.204	4.91 ng/ul	1279870	Naphthalene-d8	10.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	96
2			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
3			1-Phenoxypropan-2-ol	152	C9H12O2	000770-35-4	94
4			1-Propanol, 3-phenoxy-	152	C9H12O2	006180-61-6	90
5			Ethanol, 2-phenoxy-	138	C8H10O2	000122-99-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

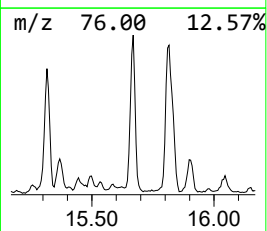
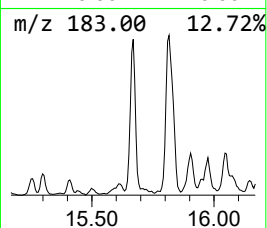
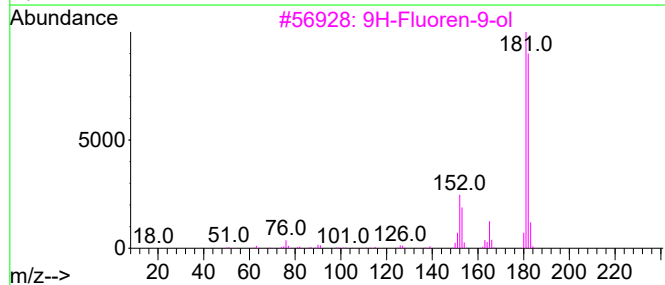
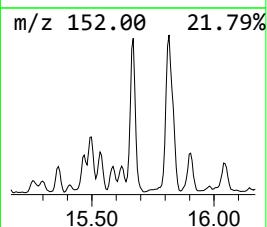
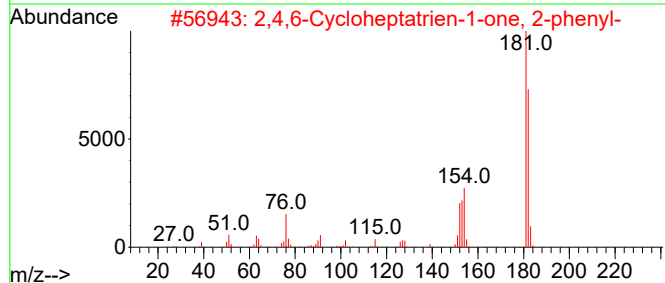
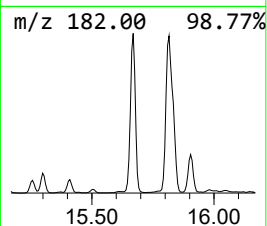
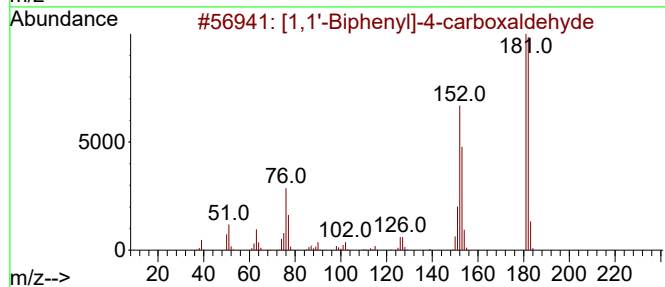
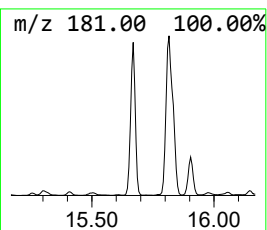
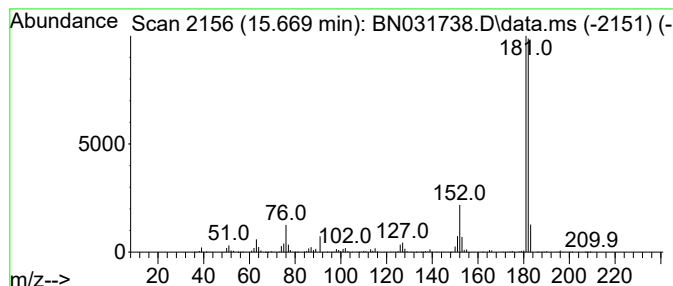
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.669	6.34 ng/ul	2156270	Acenaphthene-d10	14.322

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
2			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	83
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	78
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

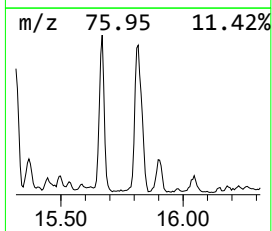
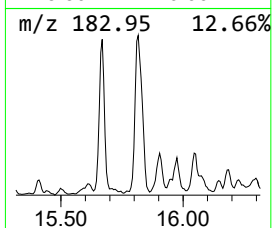
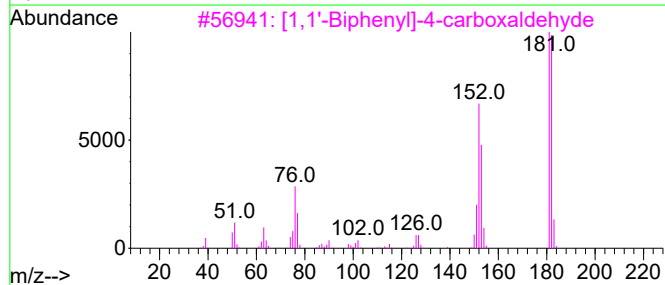
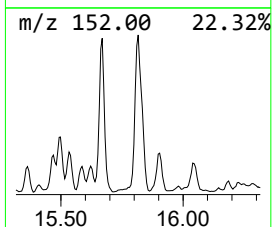
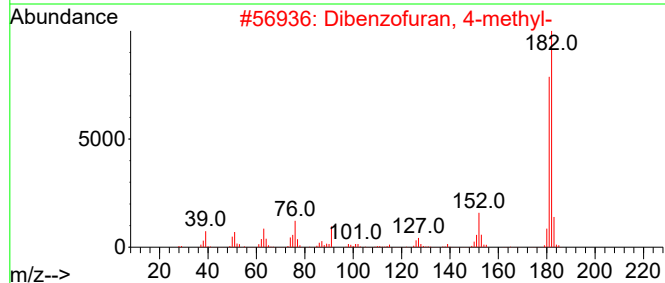
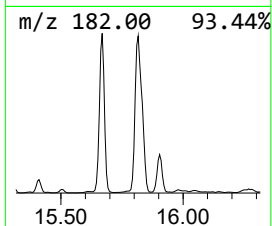
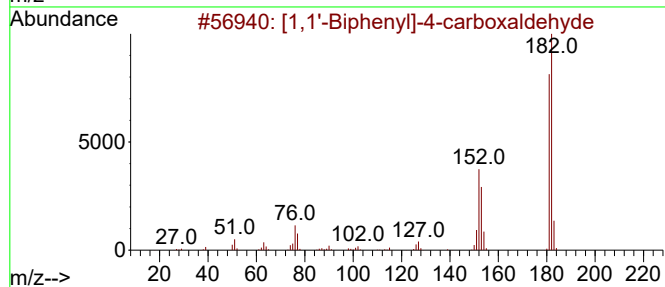
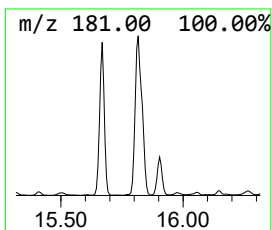
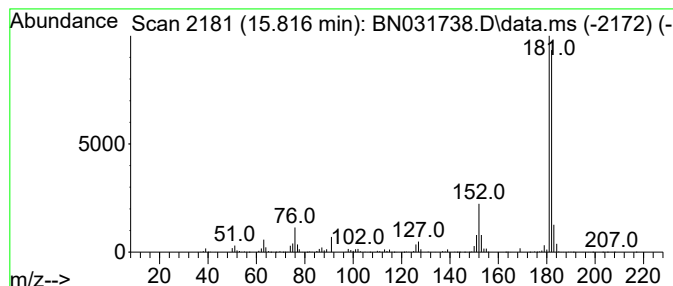
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.816	9.80 ng/ul	2963930	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
3			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	87
5			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

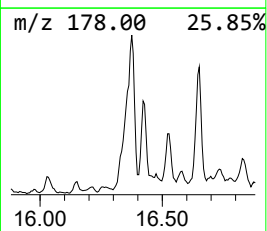
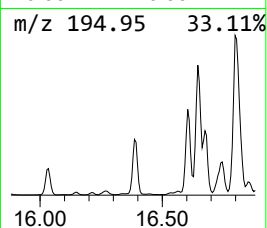
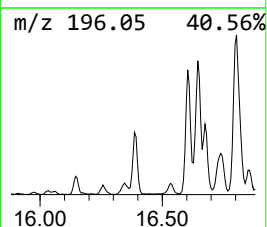
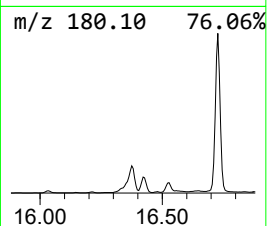
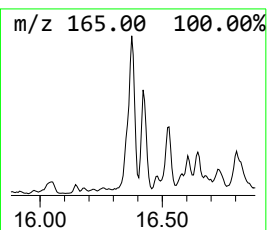
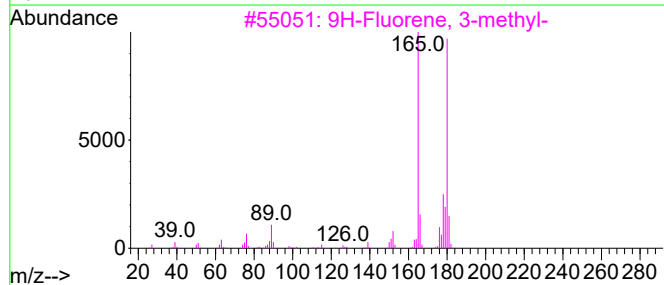
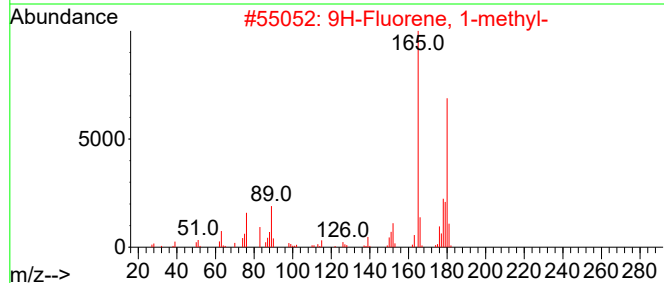
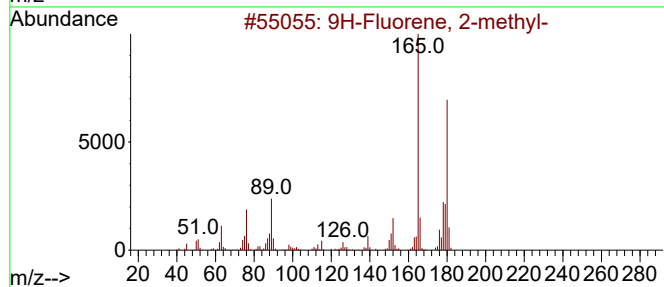
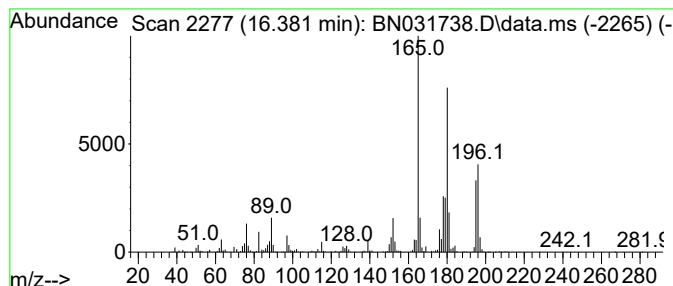
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.381	7.50 ng/ul	2267190	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	96
2	9H-Fluorene, 1-methyl-			180	C14H12	001730-37-6	93
3	9H-Fluorene, 3-methyl-			180	C14H12	002523-39-9	91
4	9H-Fluorene, 2-methyl-			180	C14H12	001430-97-3	86
5	9H-Fluorene, 4-methyl-			180	C14H12	001556-99-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

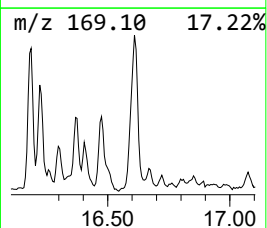
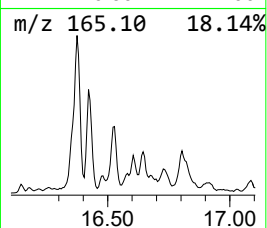
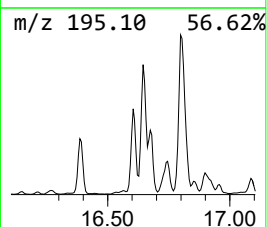
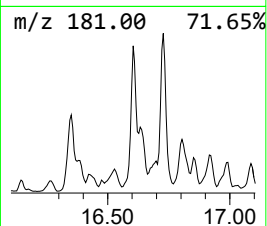
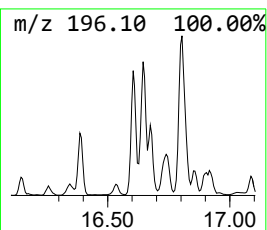
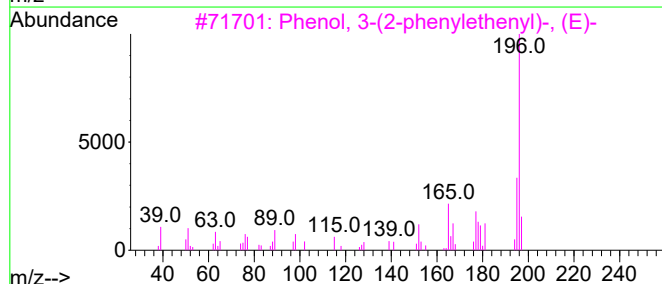
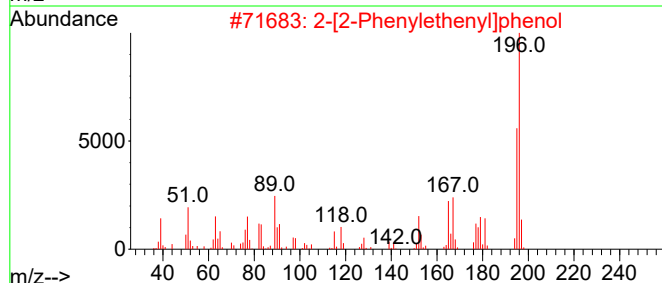
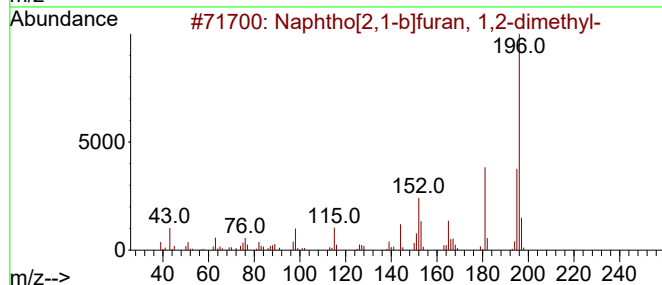
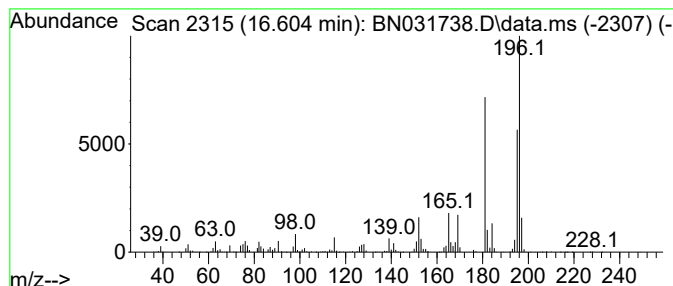
Instrument :
BNA_N
ClientSampleId :
BHBNI

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 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.604	5.60 ng/ul	1692590	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	64
2	2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	62
3	Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	60
4	phenol, 2-[(ethylamino)methyl]-4...	196	C9H12N2O3	1000400-09-7	52
5	4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

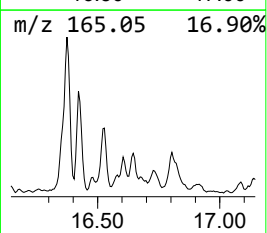
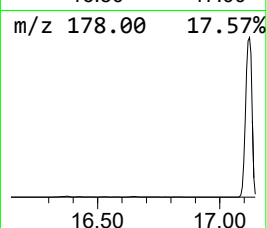
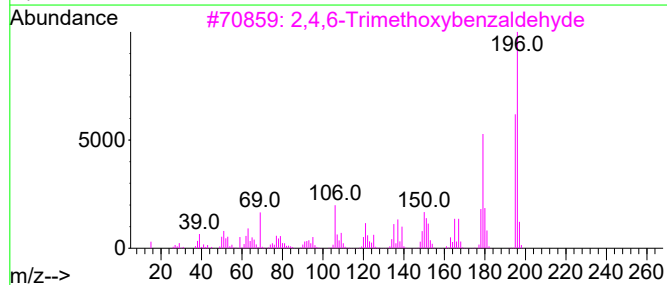
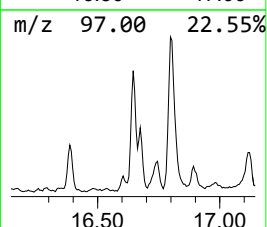
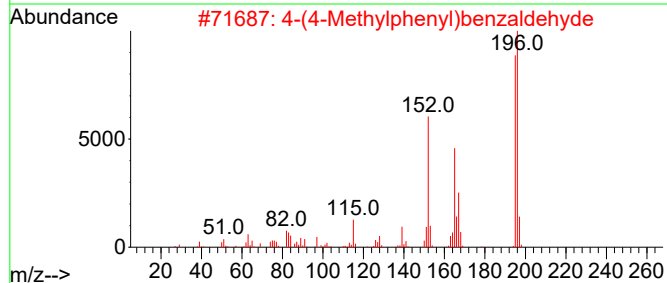
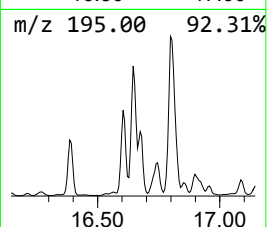
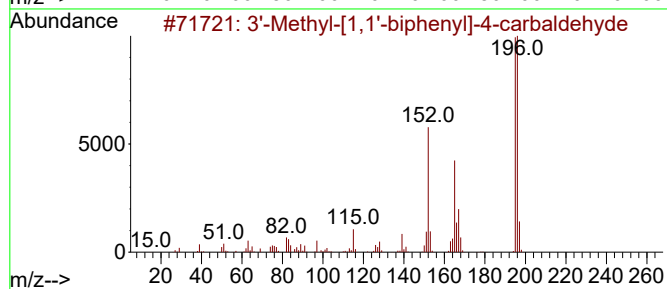
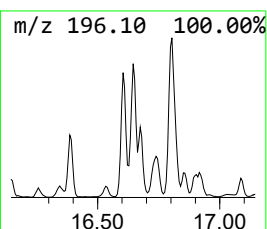
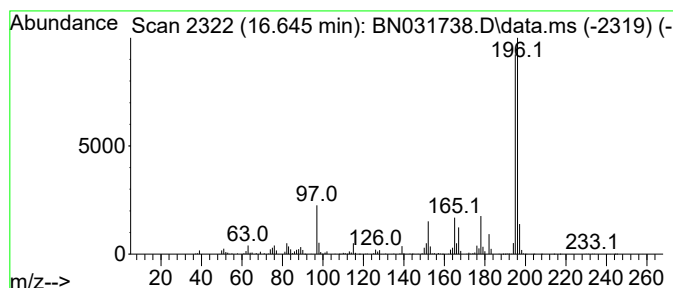
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 3'-Methyl-[1,1'-biphenyl]-4... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.645	4.49 ng/ul	1358270	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	94
2			4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	93
3			2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	58
4			Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	53
5			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

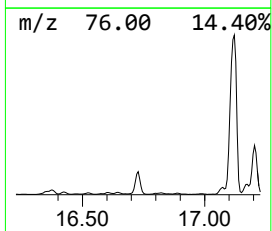
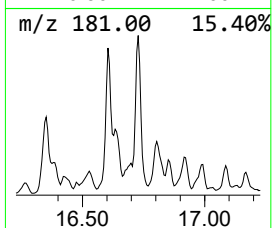
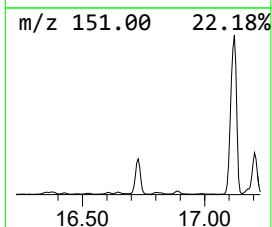
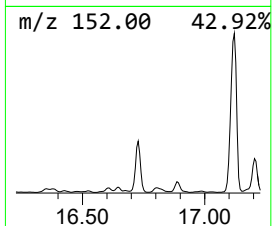
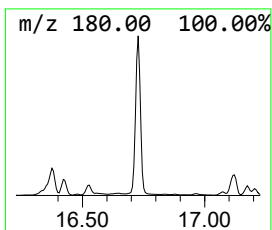
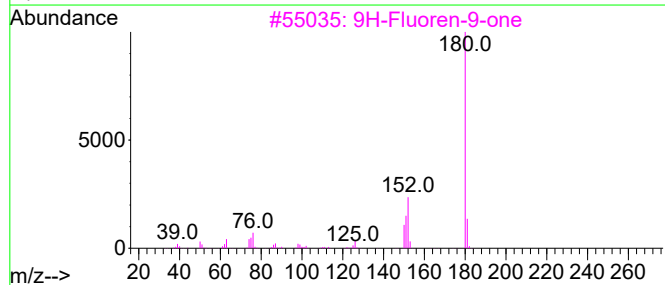
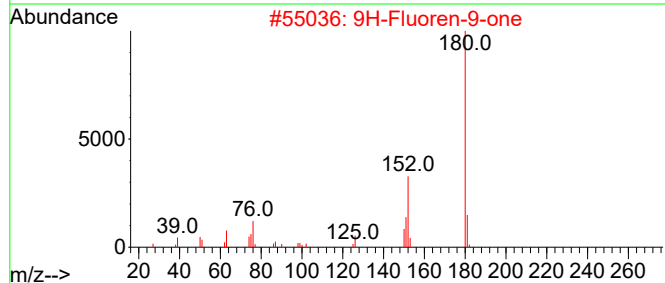
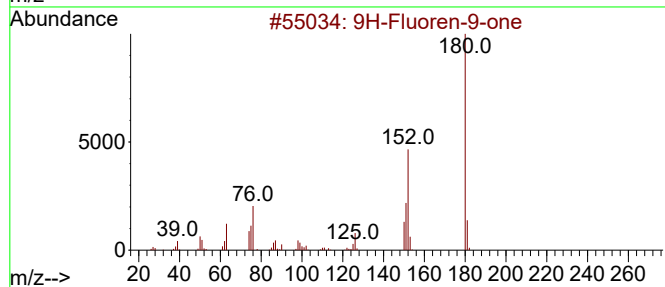
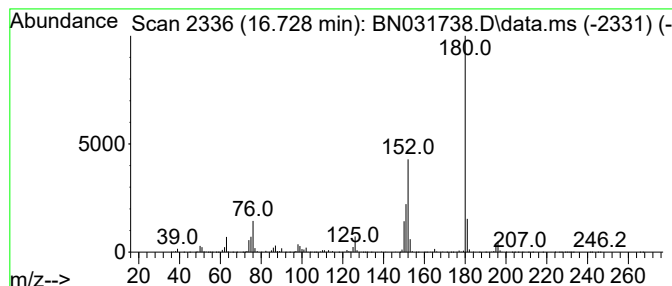
Instrument :
BNA_N
ClientSampleId :
BHBN1

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 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.728	12.64 ng/ul	3822950	Phenanthrene-d10	17.075	
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	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

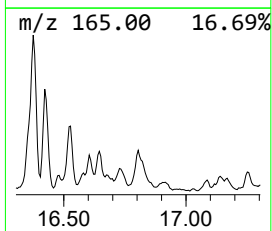
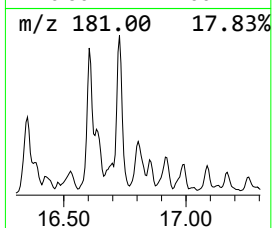
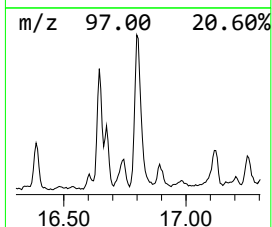
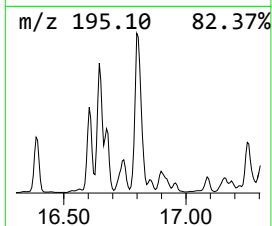
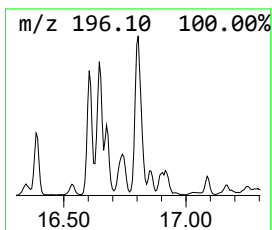
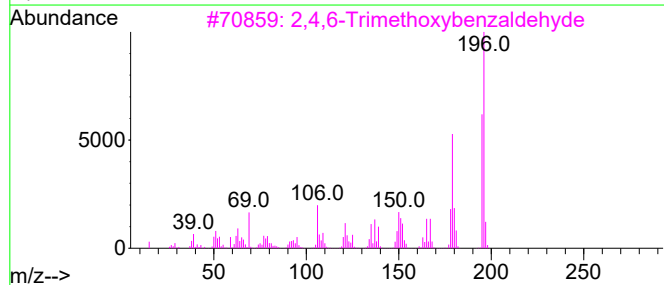
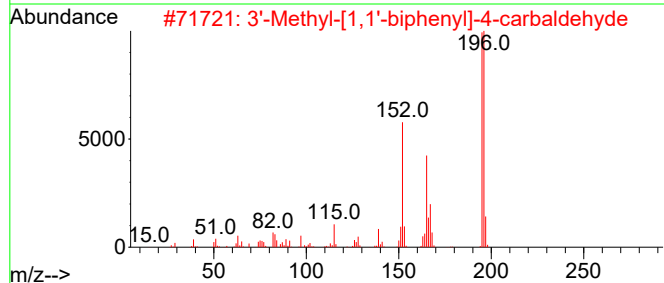
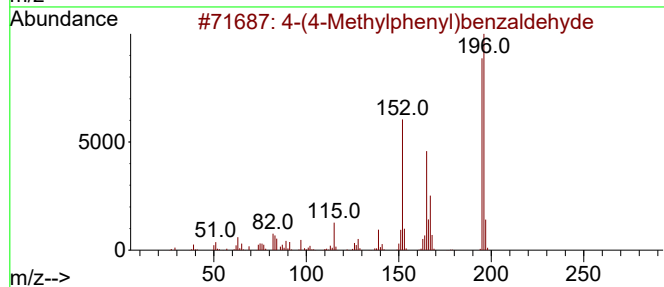
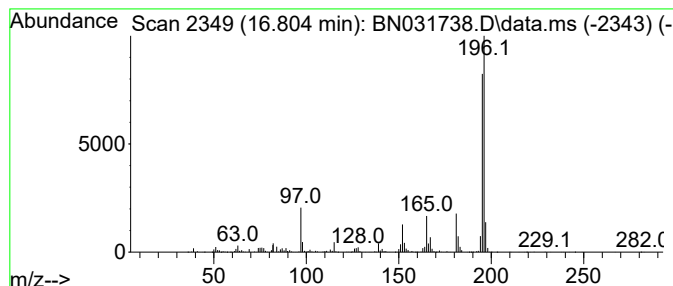
Instrument :
BNA_N
ClientSampleId :
BHBNI

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 4-(4-Methylphenyl)benzaldehyde Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.804	9.06 ng/ul	2739650	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	87
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	81
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	80
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	72
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

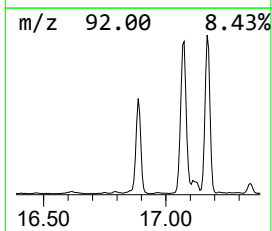
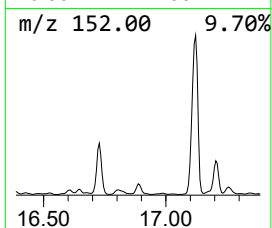
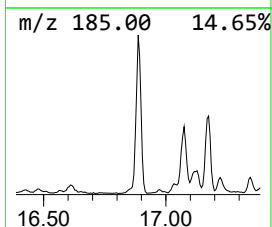
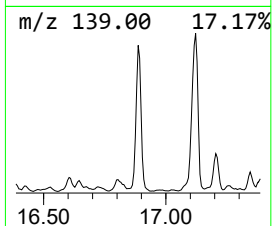
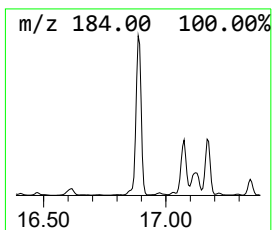
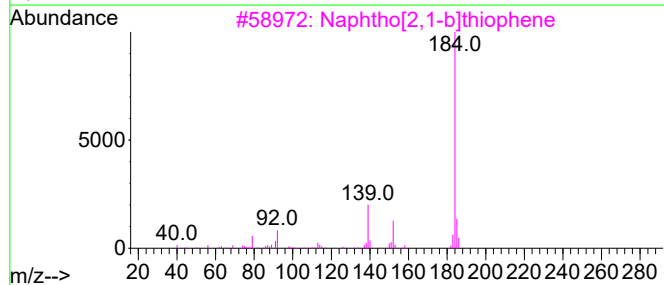
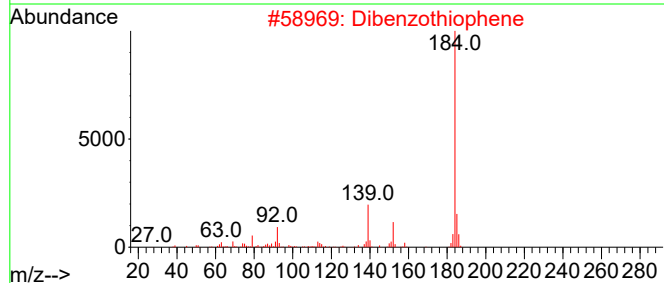
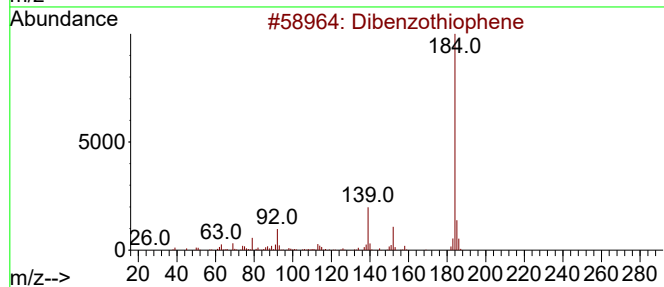
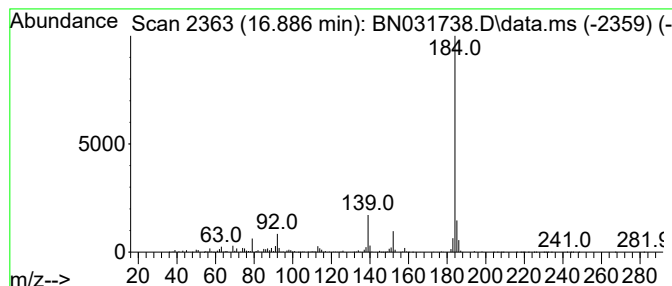
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.886	9.64 ng/ul	2913210	Phenanthrene-d10	17.075

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			Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	96
4			Dibenzothiophene	184	C12H8S	000132-65-0	96
5			Dibenzothiophene	184	C12H8S	000132-65-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

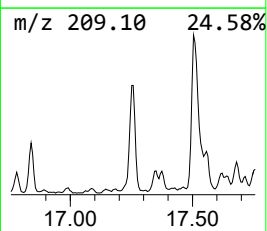
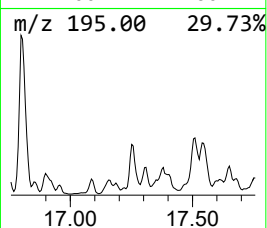
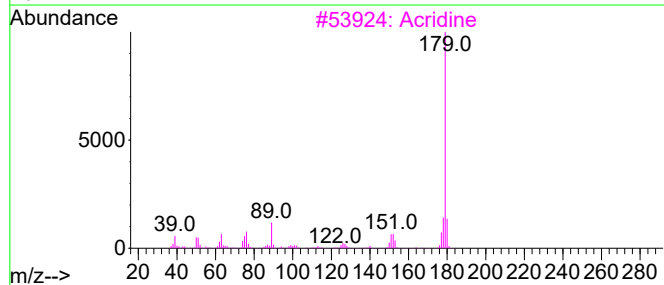
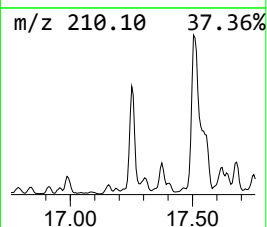
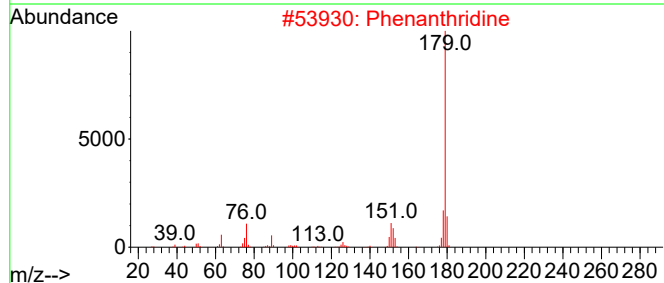
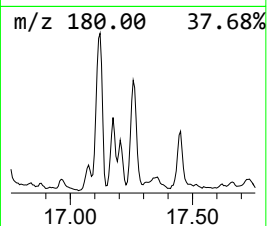
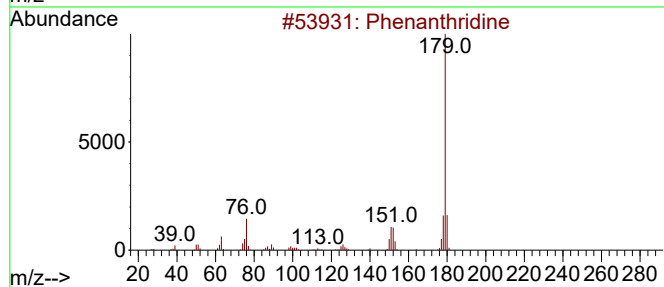
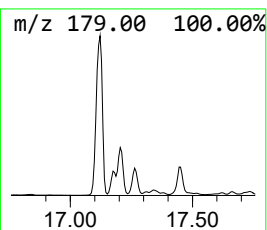
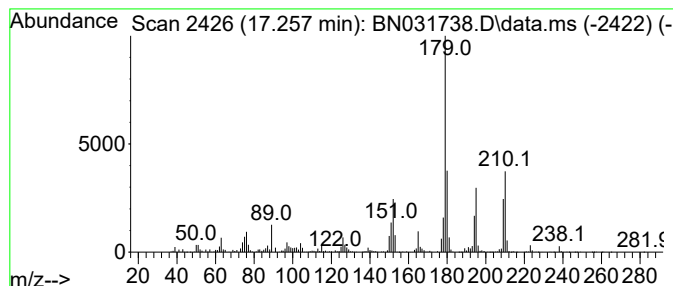
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Phenanthridine Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.257	5.47 ng/ul	1652420	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthridine	179	C13H9N	000229-87-8	55
2			Phenanthridine	179	C13H9N	000229-87-8	55
3			Acridine	179	C13H9N	000260-94-6	55
4			Benzo[g]quinoline	179	C13H9N	000260-36-6	50
5			Acridine	179	C13H9N	000260-94-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

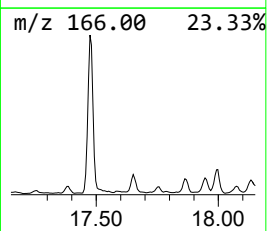
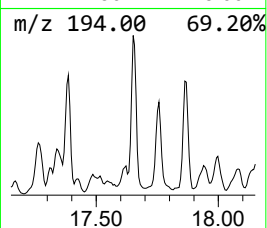
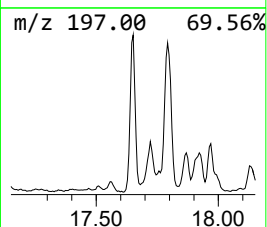
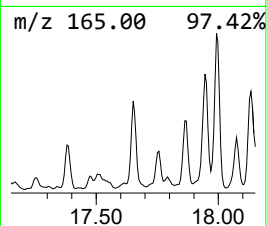
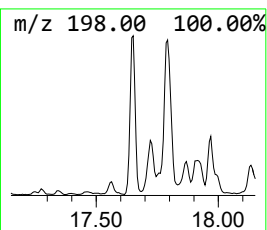
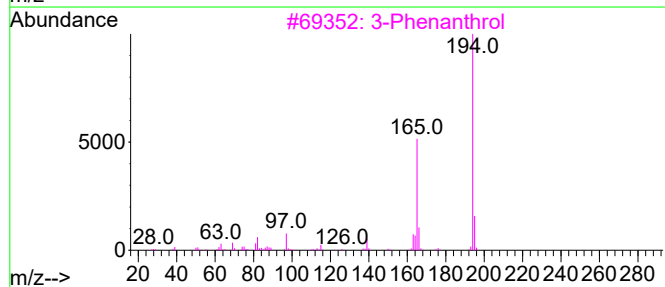
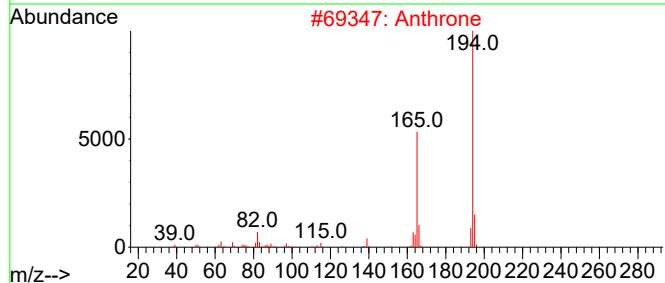
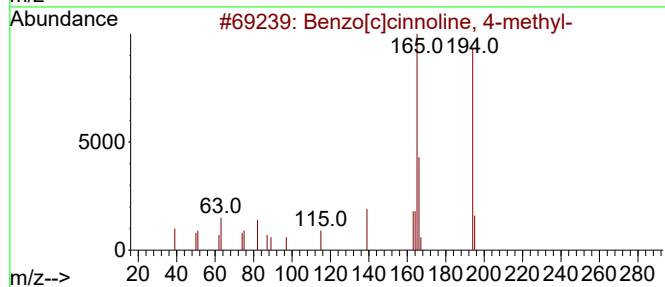
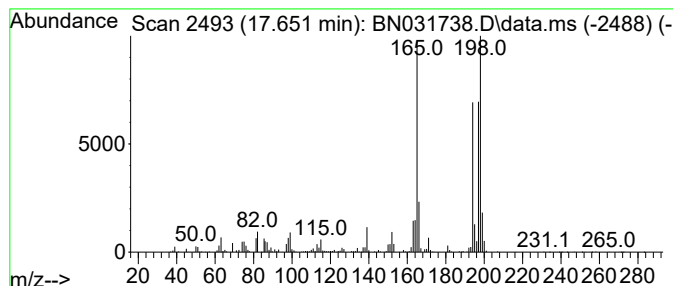
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benzo[c]cinnoline, 4-methyl- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	5.81 ng/ul	1755400	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]cinnoline, 4-methyl-	194	C13H10N2	019174-78-8	55
2			Anthrone	194	C14H10O	000090-44-8	55
3			3-Phenanthrol	194	C14H10O	000605-87-8	55
4			Anthrone	194	C14H10O	000090-44-8	55
5			Anthrone	194	C14H10O	000090-44-8	55



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

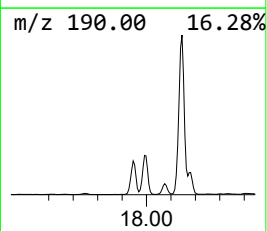
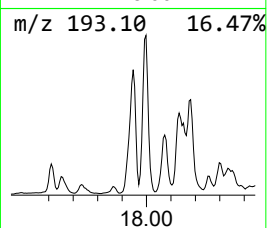
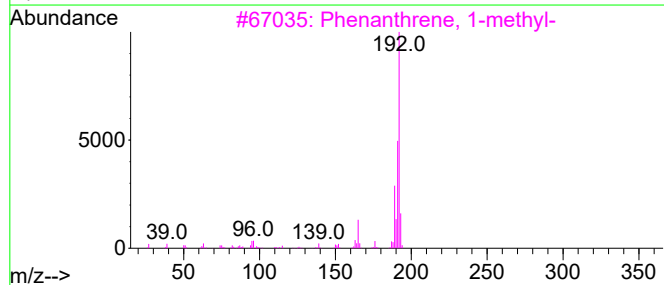
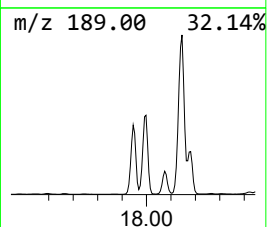
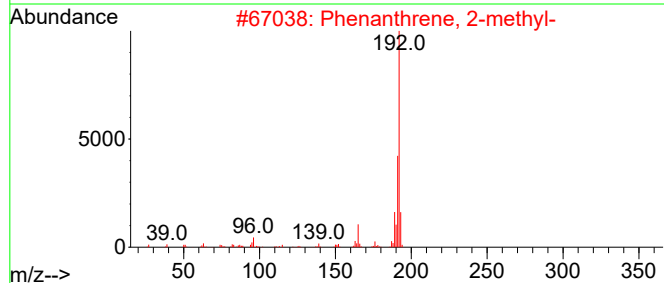
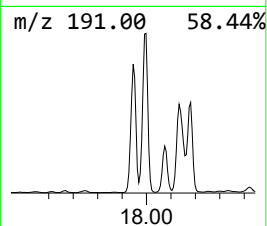
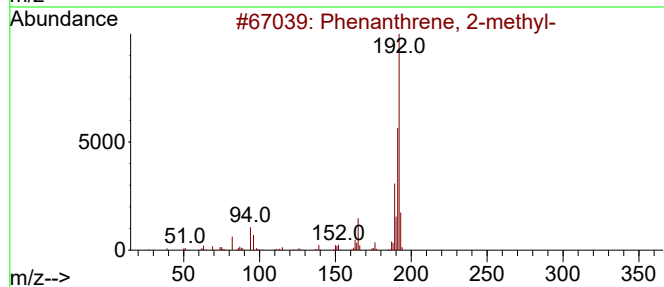
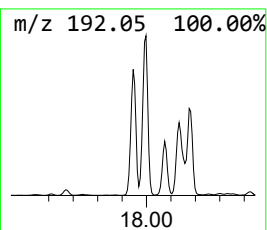
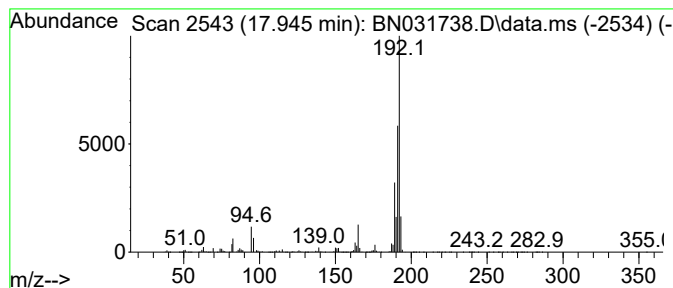
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	23.63 ng/ul	7144540	Phenanthrene-d10	17.075

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

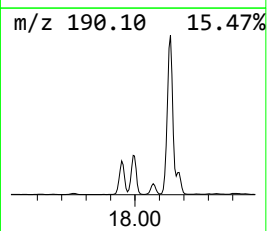
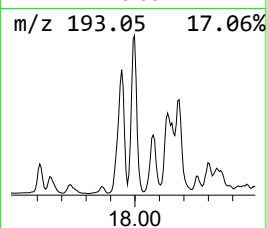
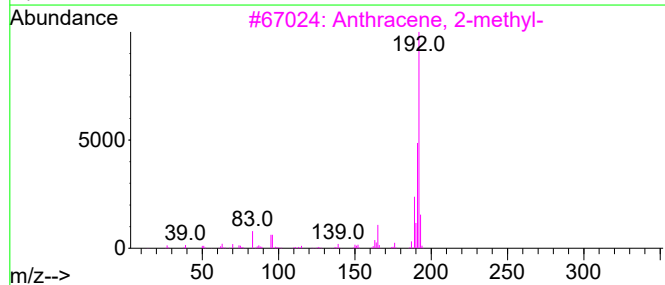
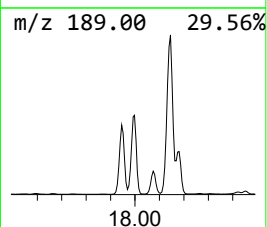
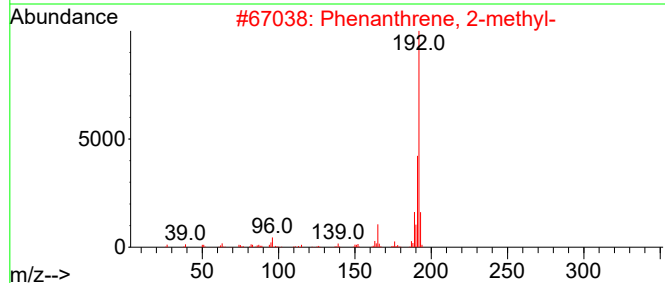
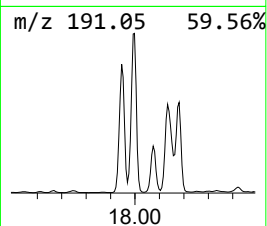
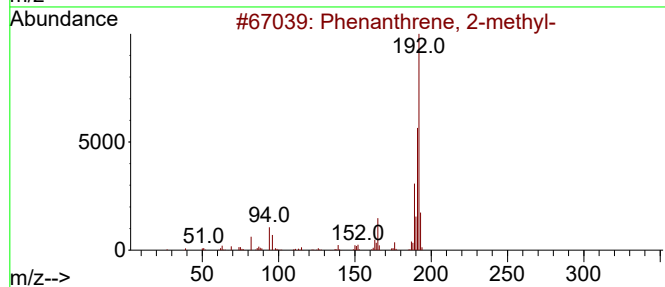
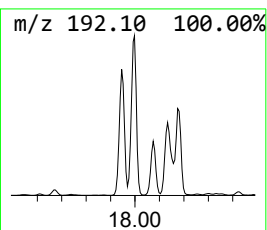
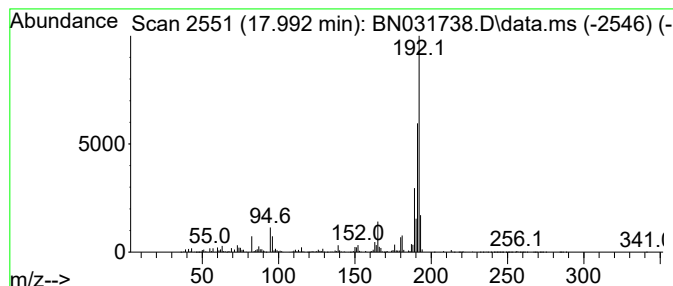
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.992	39.39 ng/ul	11910100	Phenanthrene-d10	17.075

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			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBNI

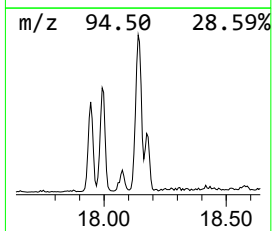
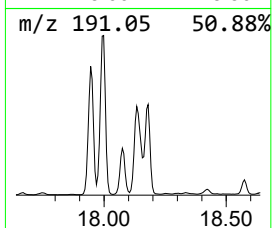
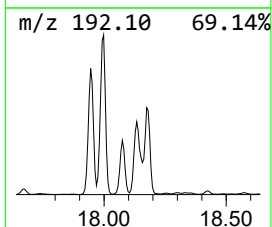
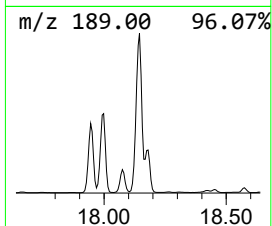
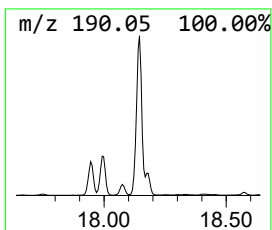
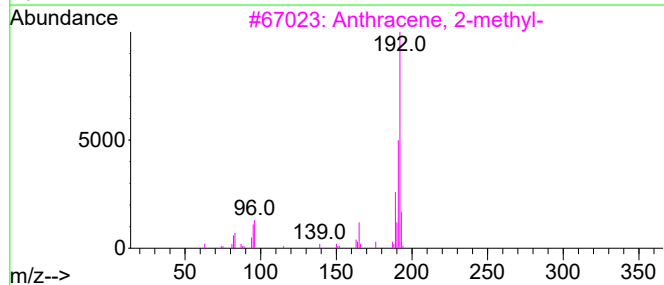
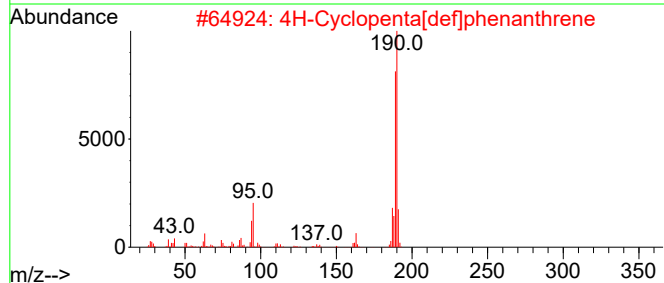
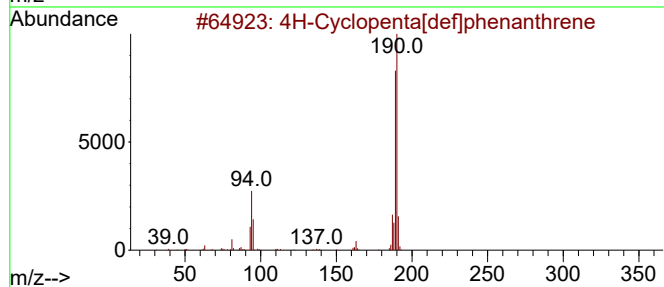
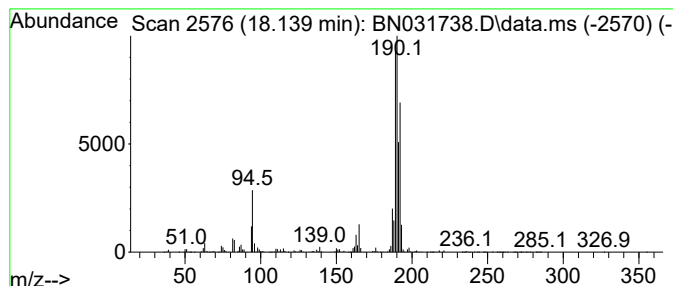
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	32.78 ng/ul	9909610	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	41
3			Anthracene, 2-methyl-	192	C15H12	000613-12-7	38
4			5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	35
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

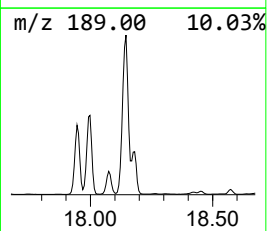
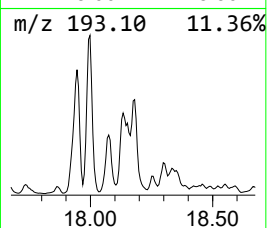
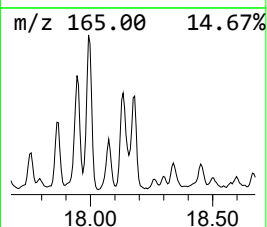
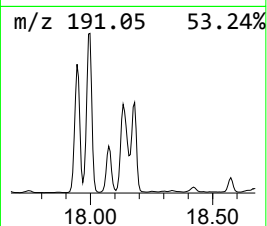
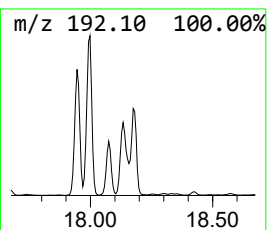
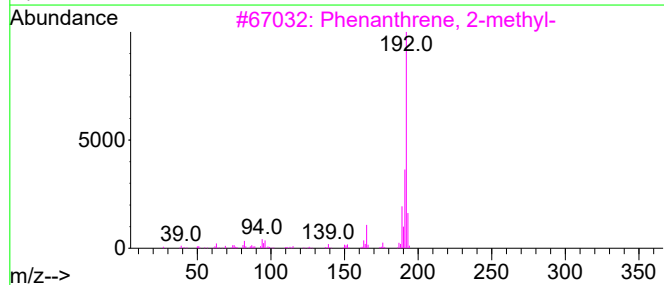
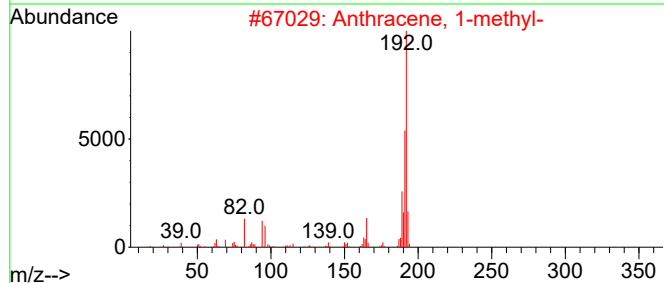
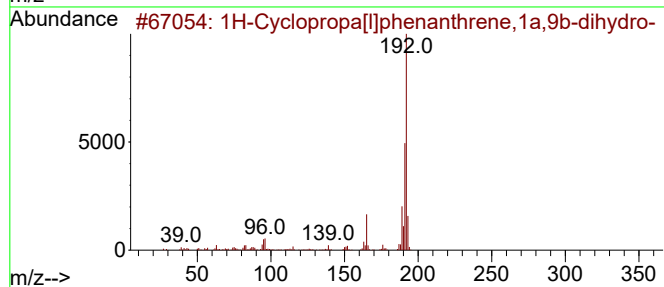
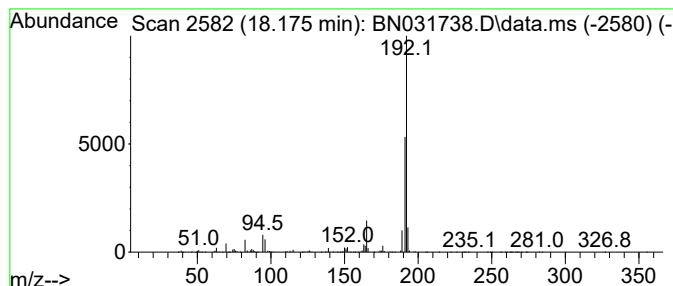
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.175	13.78 ng/ul	4166770	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
2			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

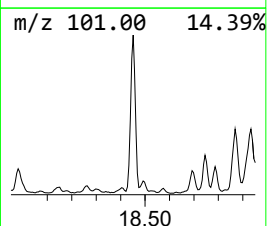
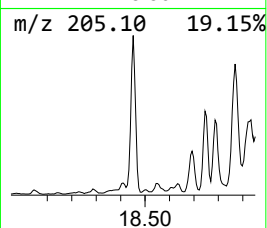
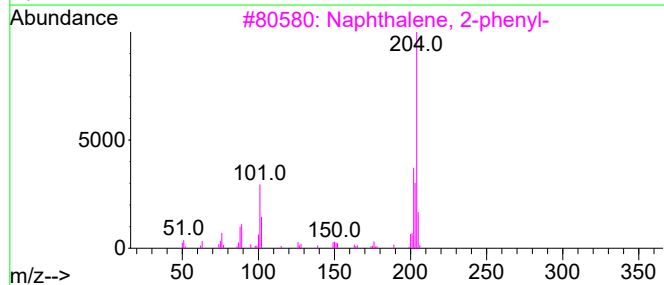
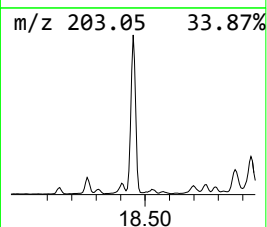
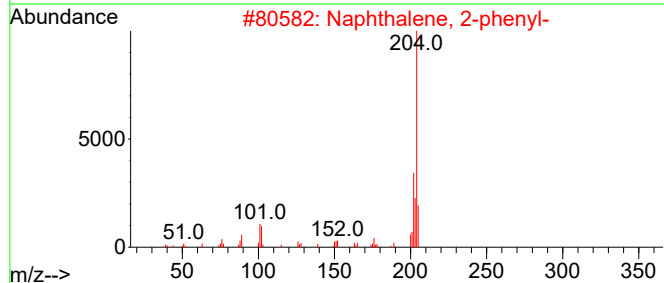
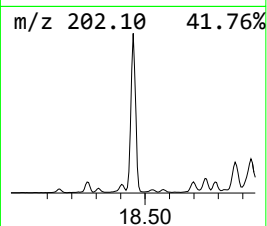
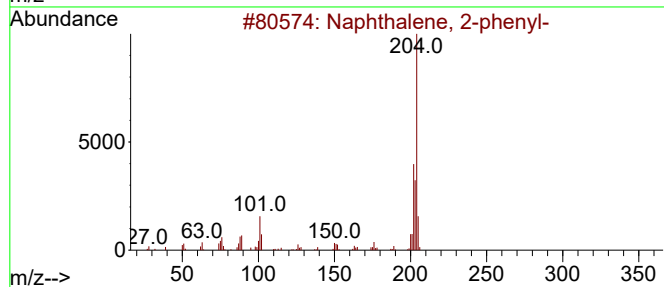
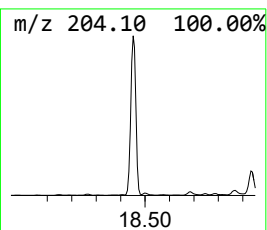
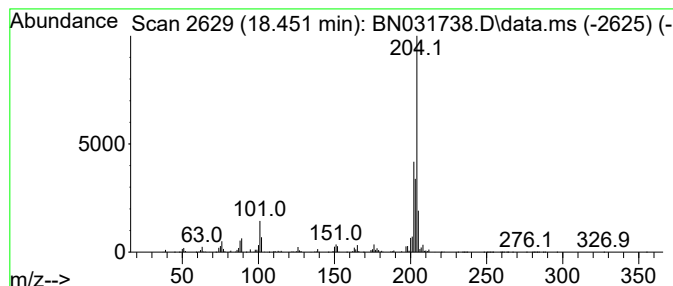
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.451	15.67 ng/ul	4738260	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
4			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBNI

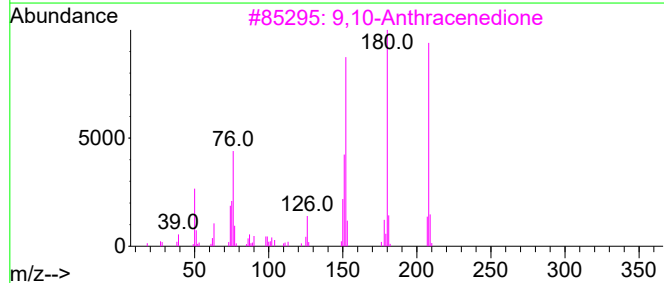
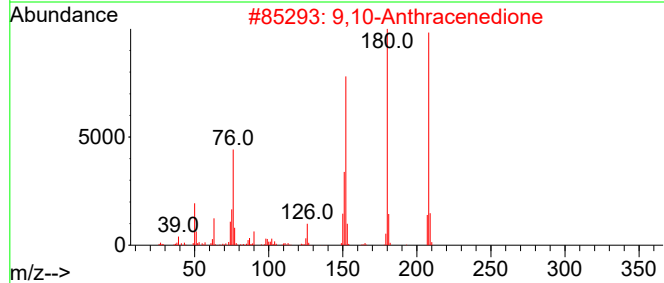
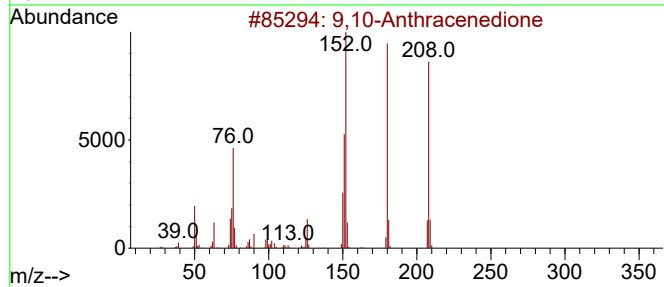
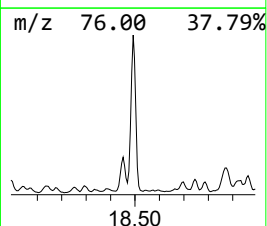
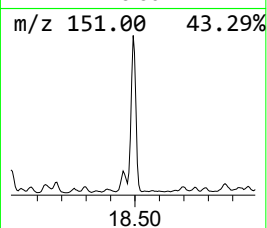
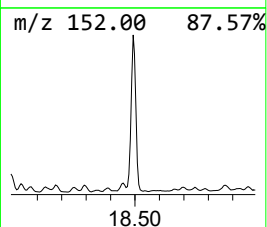
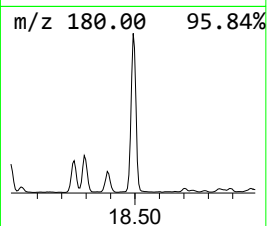
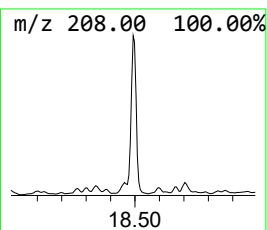
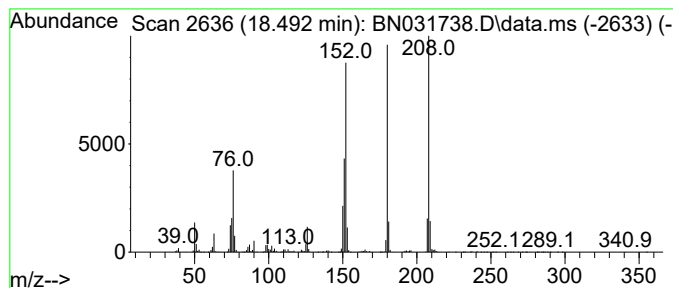
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	15.95 ng/ul	4822880	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
3	9,10-Anthracenedione			208	C14H8O2	000084-65-1	98
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	96
5	Benzo[c]cinnoline			180	C12H8N2	000230-17-1	70



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

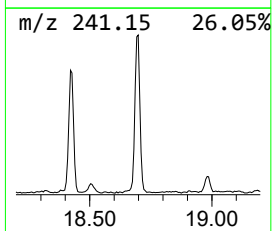
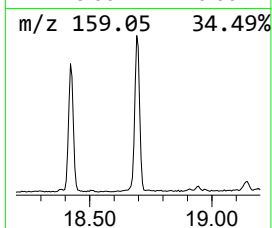
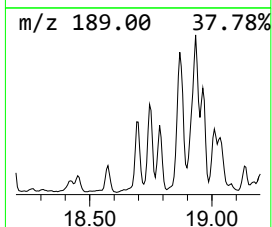
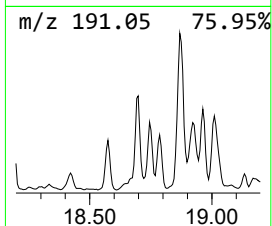
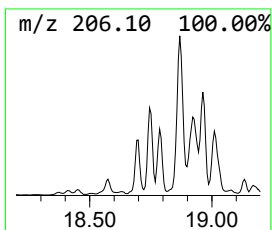
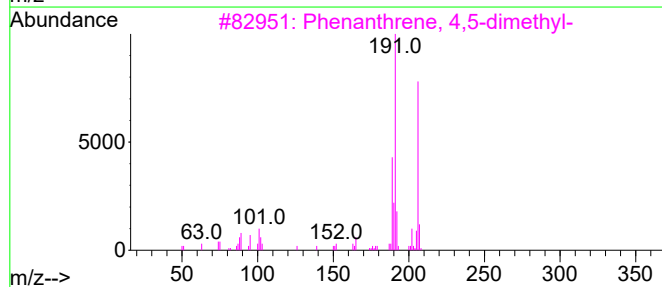
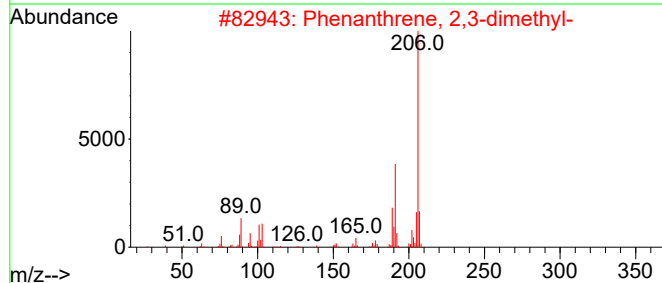
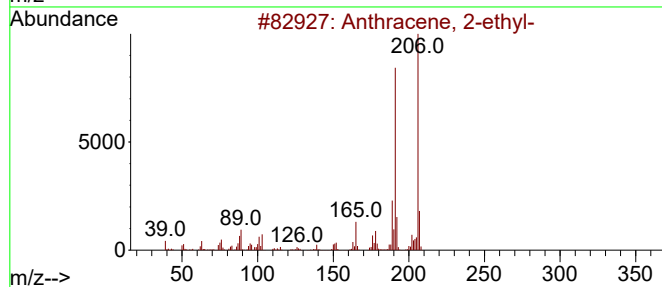
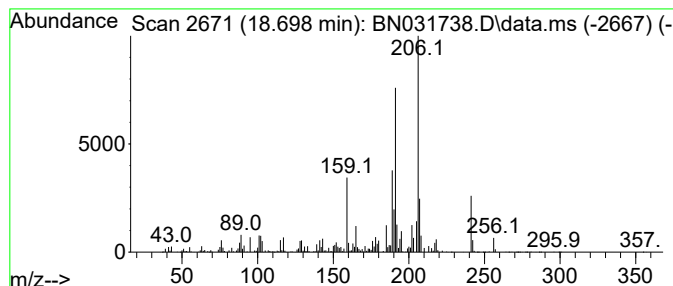
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 Anthracene, 2-ethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.698	7.42 ng/ul	2244140	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-ethyl-	206	C16H14	052251-71-5	93
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
3			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	89
4			3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	86
5			Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

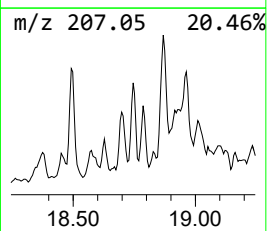
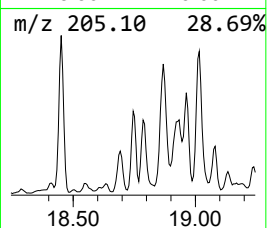
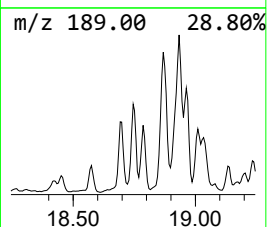
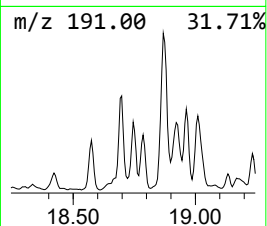
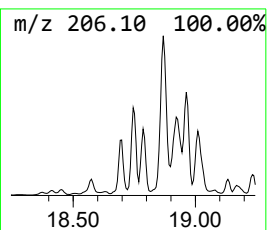
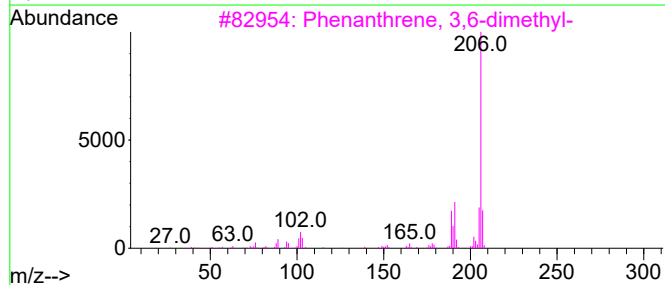
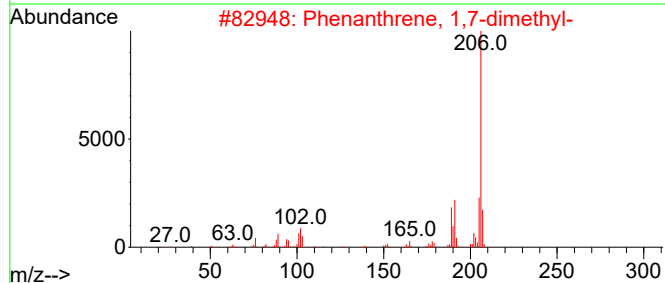
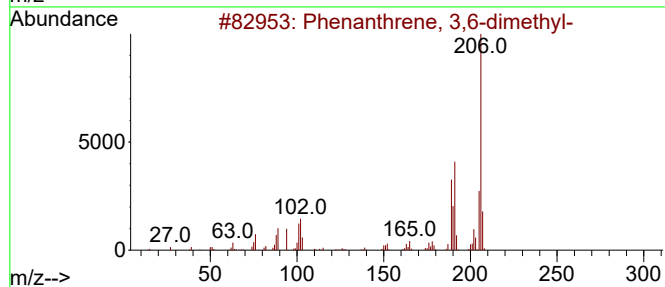
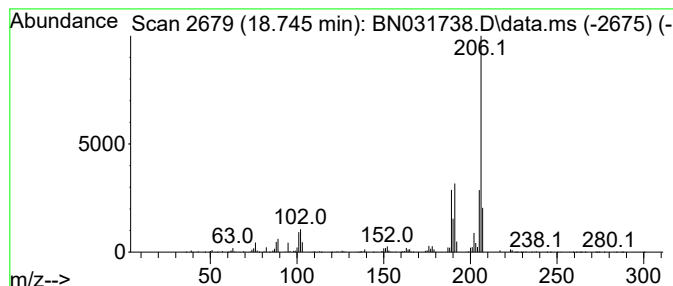
Instrument :
BNA_N
ClientSampleId :
BHBN1

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 Phenanthrene, 3,6-dimethyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.745	5.38 ng/ul	1625980	Phenanthrene-d10	17.075	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	96
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	94
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

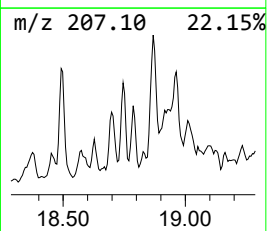
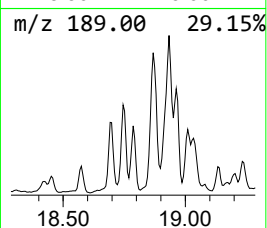
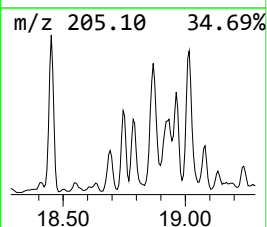
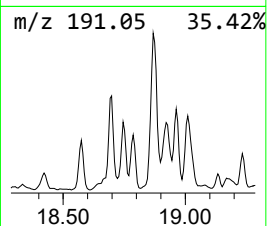
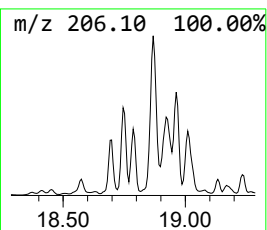
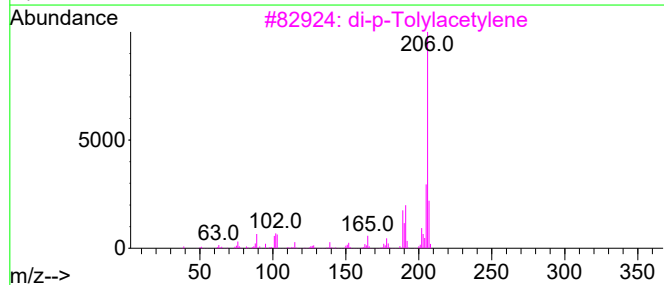
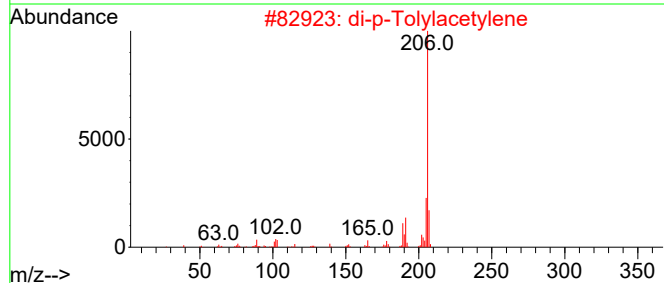
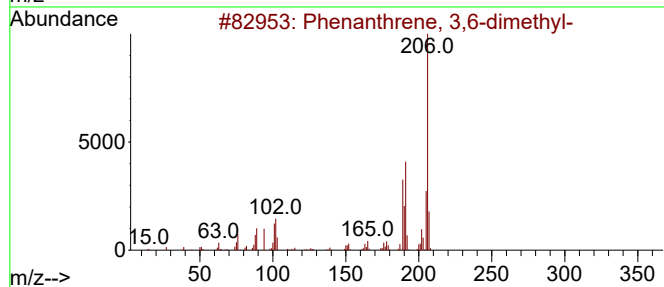
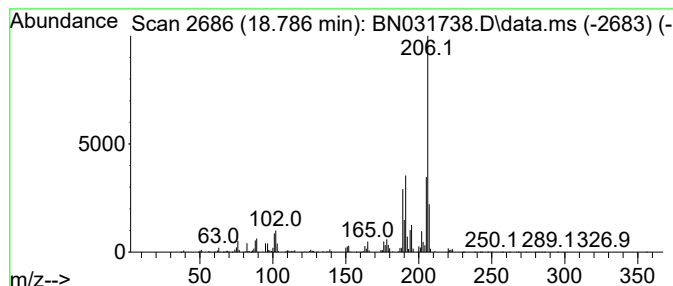
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 di-p-Tolylacetylene Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.786	4.70 ng/ul	1419620	Phenanthrene-d10	17.075

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

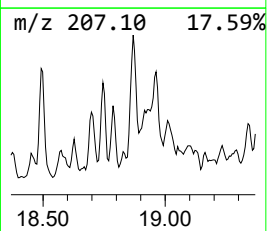
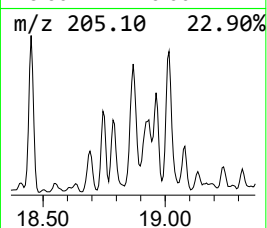
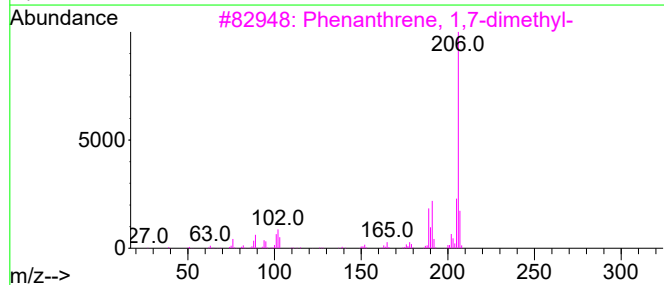
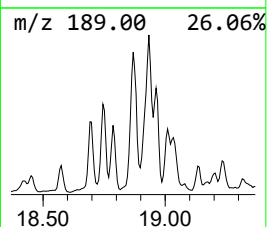
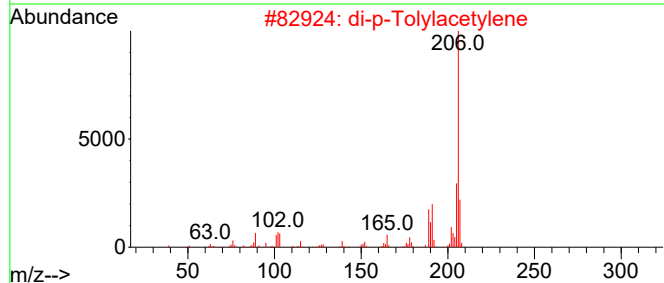
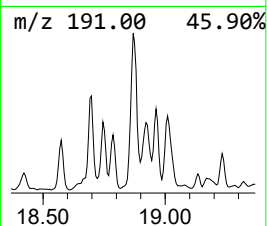
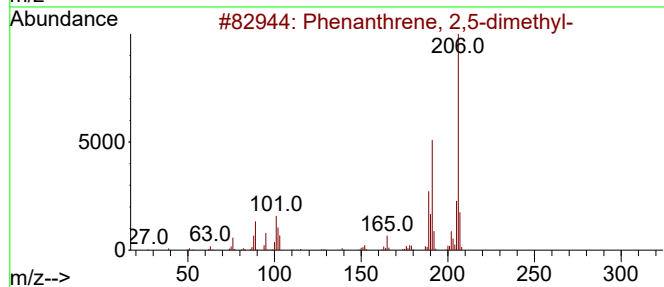
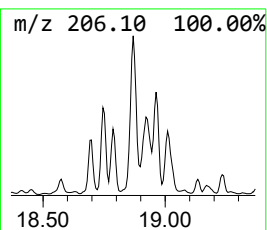
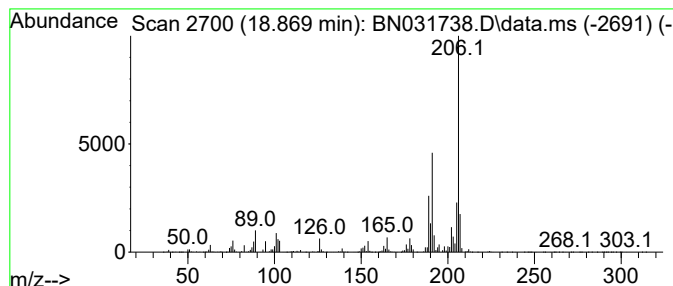
Instrument :
BNA_N
ClientSampleId :
BHBN1

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 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.869	18.96 ng/ul	5732370	Phenanthrene-d10		17.075	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-		206	C16H14	003674-66-6	97
2	di-p-Tolylacetylene		206	C16H14	002789-88-0	96
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	93
4	Phenanthrene, 2,3-dimethyl-		206	C16H14	003674-65-5	93
5	9,10-Dimethylanthracene		206	C16H14	000781-43-1	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

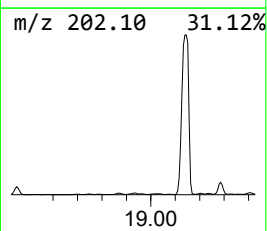
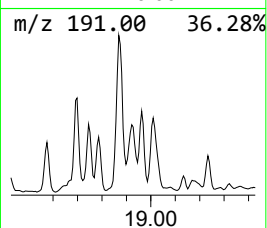
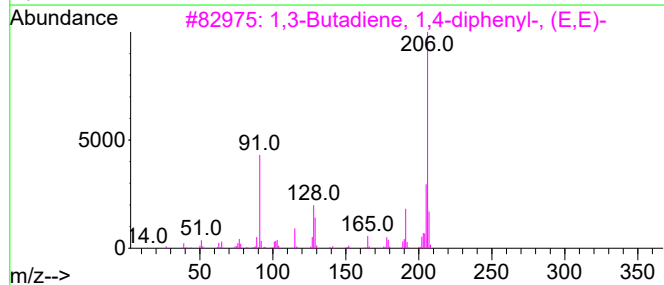
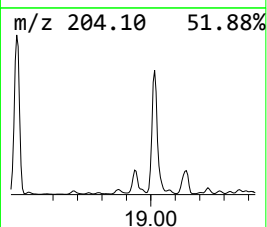
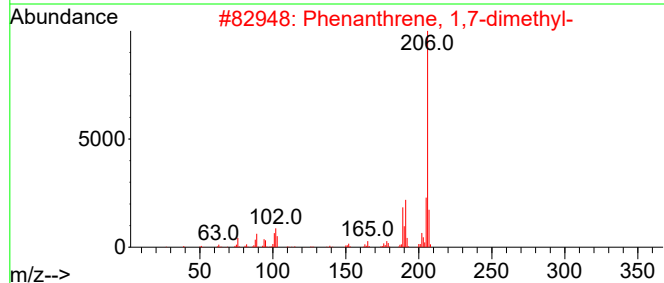
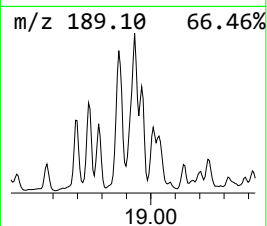
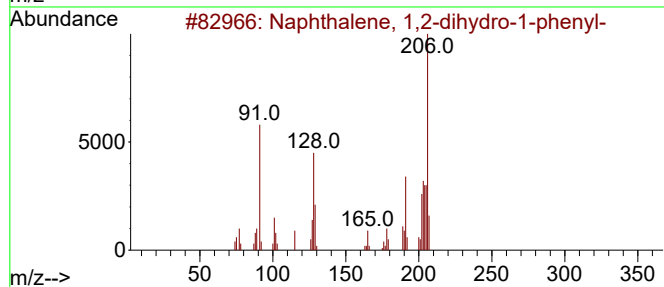
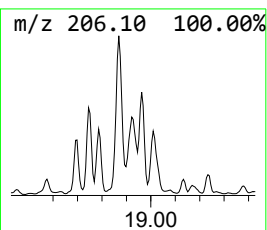
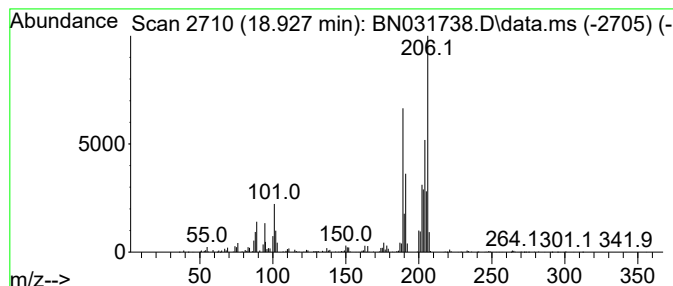
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.927	10.99 ng/ul	3323130	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	43
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38
3			1,3-Butadiene, 1,4-diphenyl-, (E...	206	C16H14	000538-81-8	35
4			Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30
5			Scoparone	206	C11H10O4	000120-08-1	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

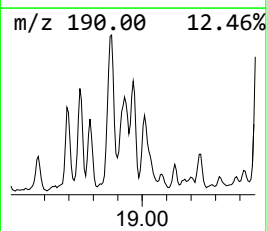
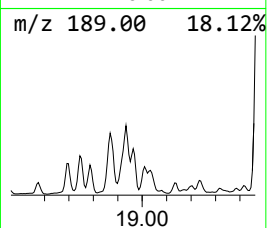
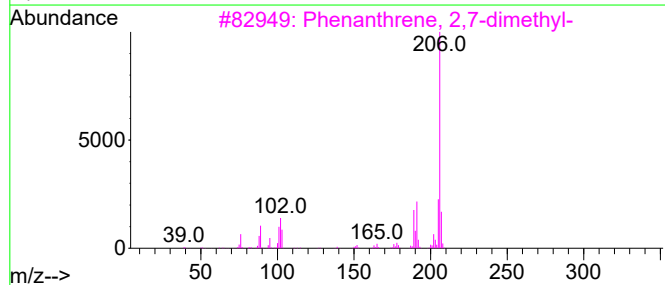
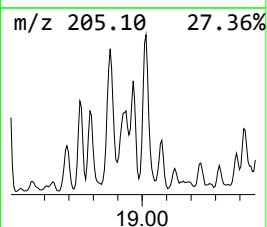
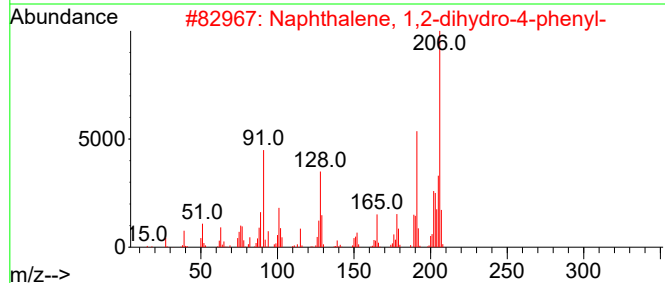
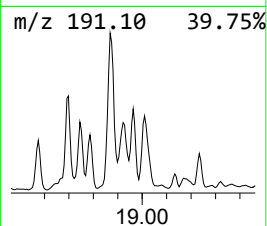
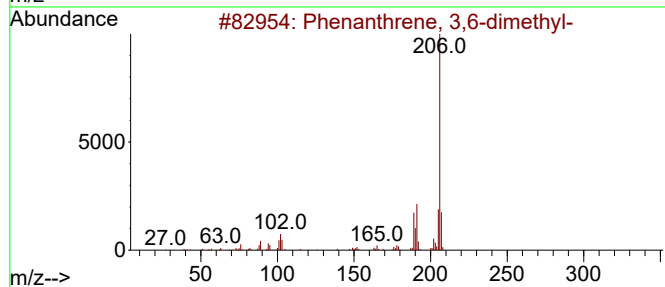
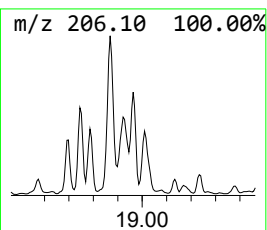
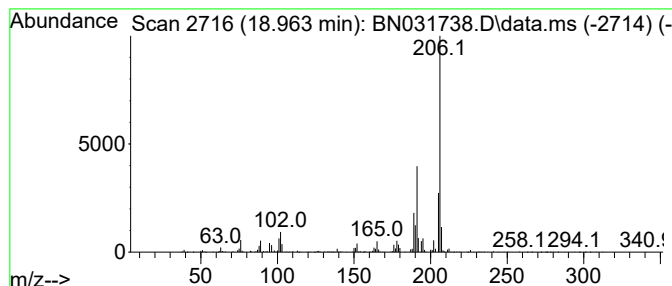
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Naphthalene, 1,2-dihydro-4-... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.963	5.48 ng/ul	1656850	Phenanthrene-d10	17.075

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	81
2			Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	74
3			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	74
4			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74
5			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

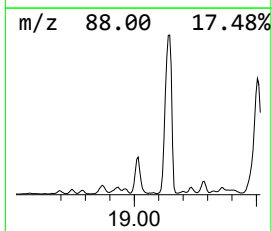
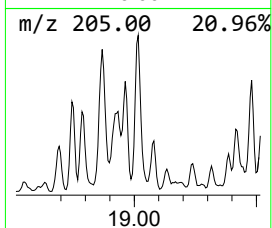
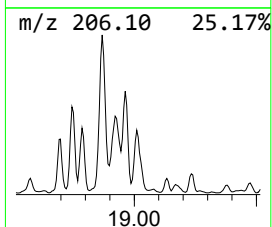
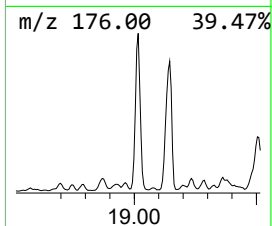
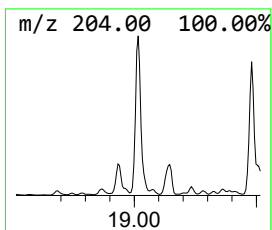
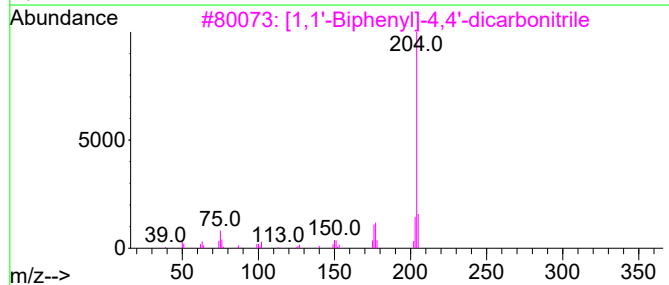
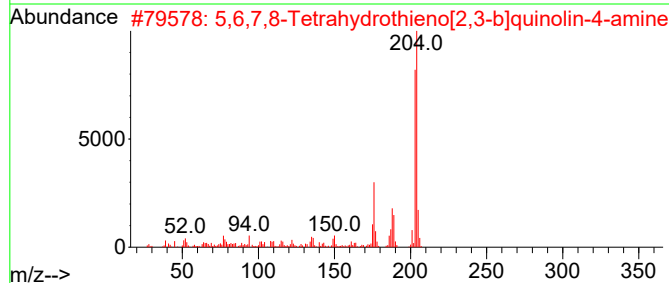
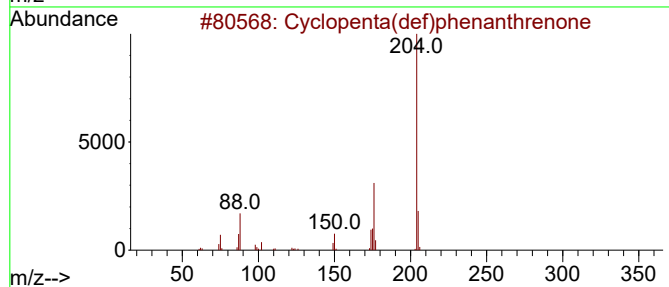
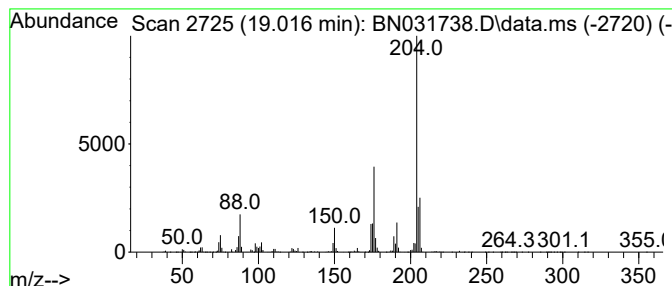
Instrument :
BNA_N
ClientSampleId :
BHBN1

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 Cyclopenta(def)phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.016	16.18 ng/ul	4892000	Phenanthrene-d10			17.075
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrene		204	C15H8O	005737-13-3	98
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	59
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	52
4	9-Acridinecarbonitrile		204	C14H8N2	005326-19-2	47
5	[1,1'-Biphenyl]-2-ol, 5-chloro-		204	C12H9ClO	000607-12-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

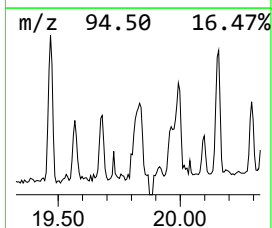
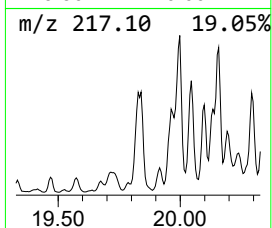
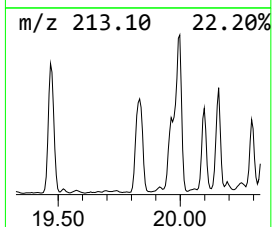
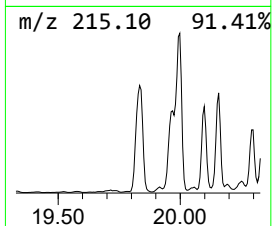
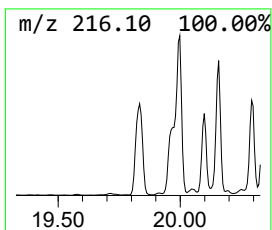
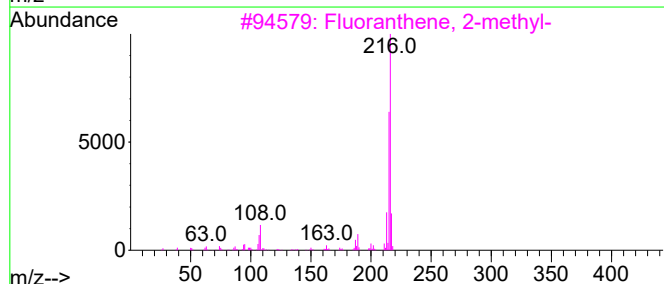
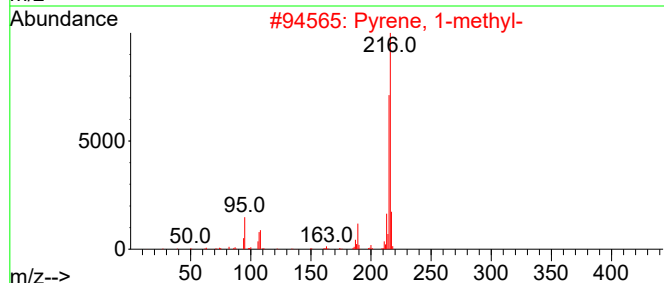
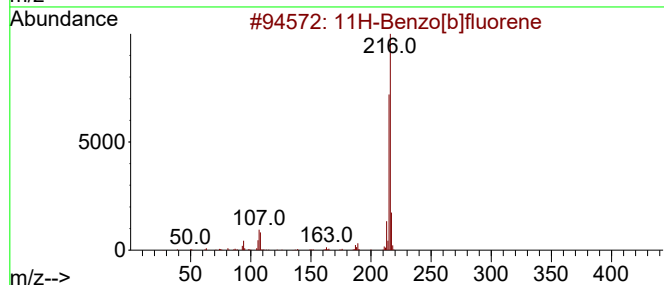
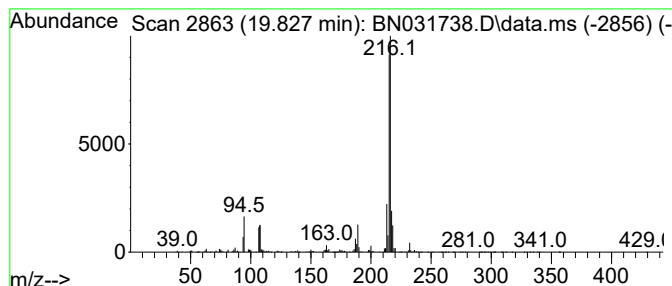
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 11H-Benzo[b]fluorene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.827	4.53 ng/ul	7344530	Chrysene-d12	21.316

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	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

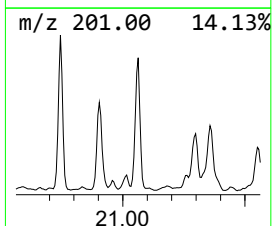
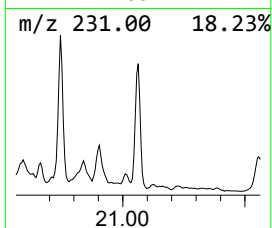
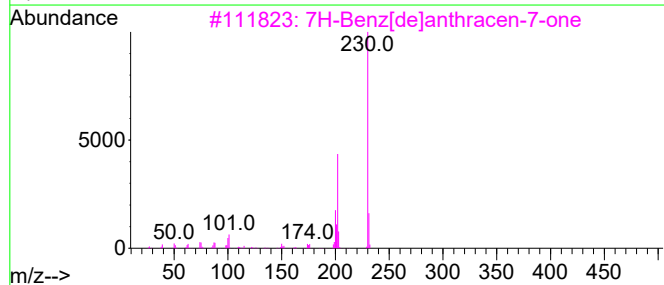
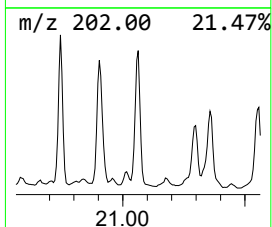
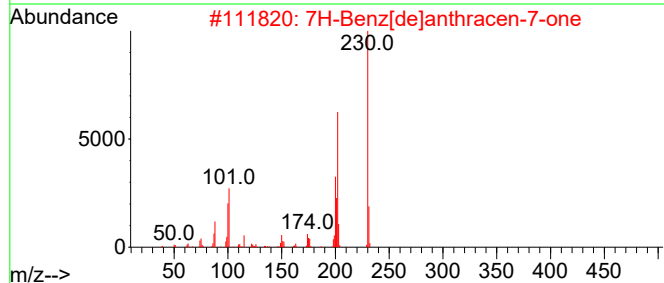
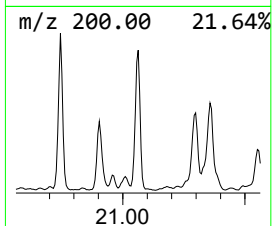
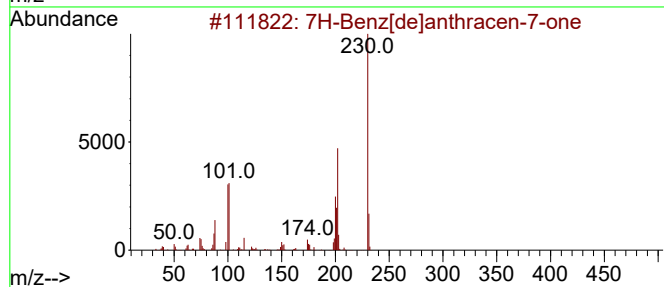
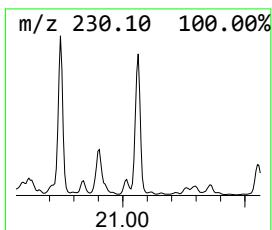
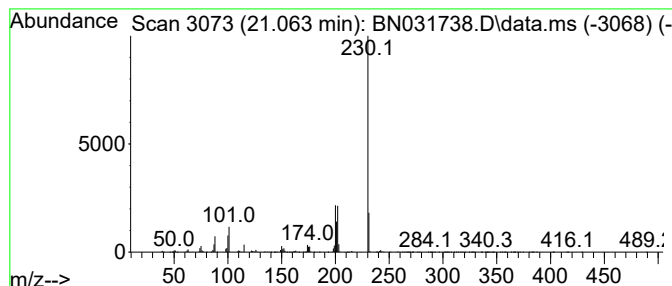
Instrument :
BNA_N
ClientSampleId :
BHBN1

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 39 7H-Benz[de]anthracen-7-one Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.063	4.82 ng/ul	7811000	Chrysene-d12	21.316	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
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	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

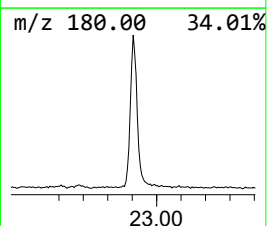
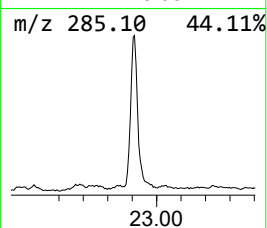
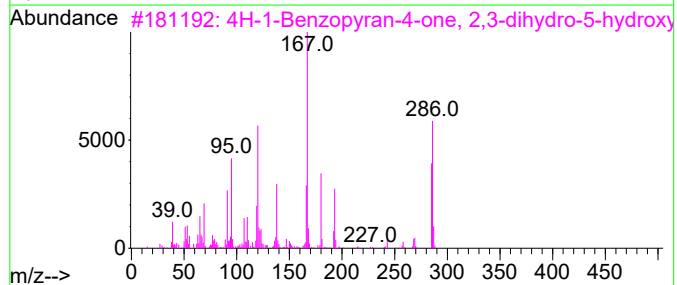
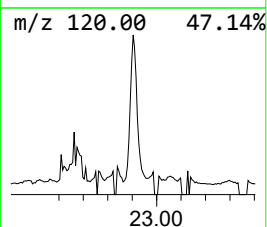
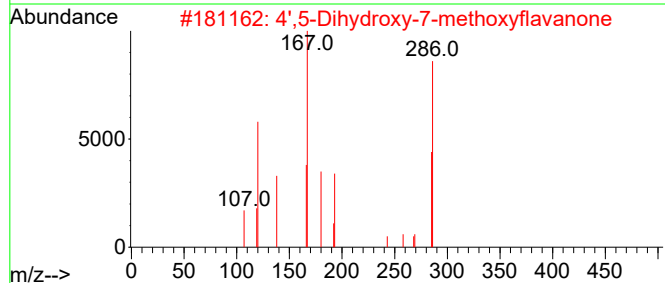
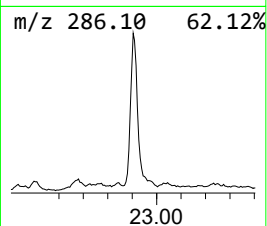
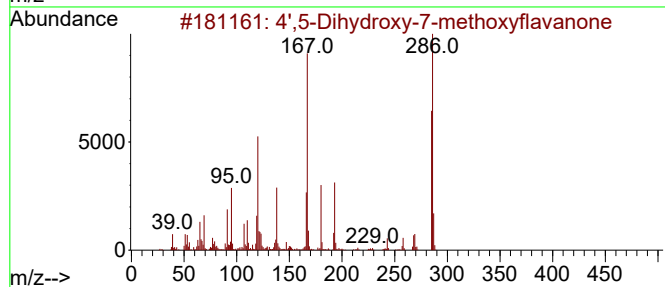
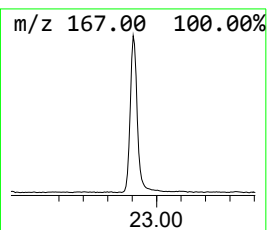
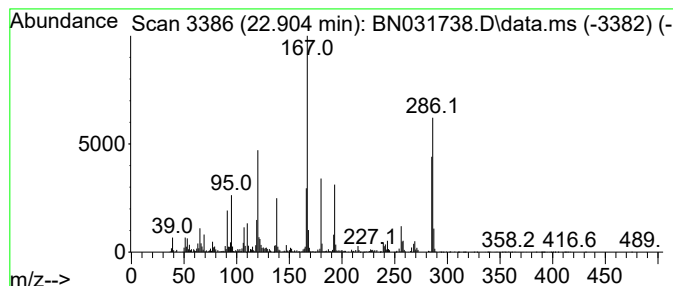
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 43 4',5-Dihydroxy-7-methoxyfla... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.904	10.75 ng/ul	2856590	Perylene-d12	24.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4',5-Dihydroxy-7-methoxyflavanone	286	C16H14O5	000520-29-6	99
2			4',5-Dihydroxy-7-methoxyflavanone	286	C16H14O5	000520-29-6	99
3			4H-1-Benzopyran-4-one, 2,3-dihyd...	286	C16H14O5	002957-21-3	99
4			2-Propen-1-one, 1-(2,4-dihydroxy...	286	C16H14O5	069707-17-1	78
5			Sakuranin	448	C22H24O10	000529-39-5	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

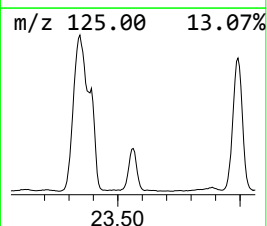
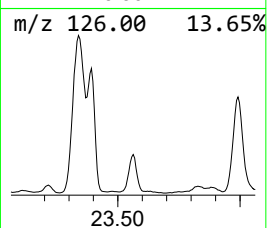
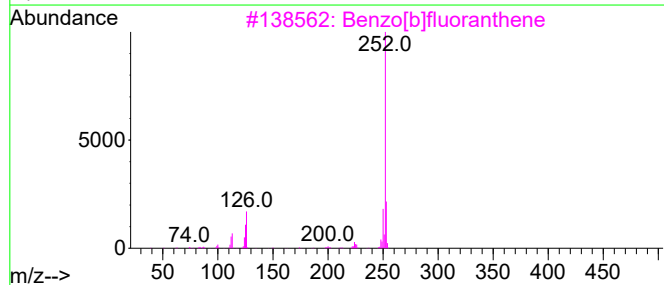
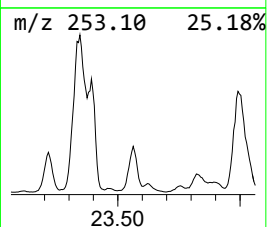
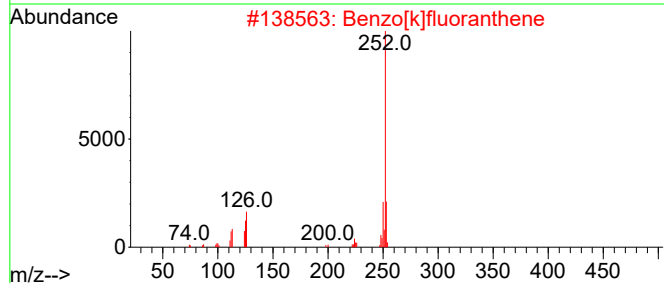
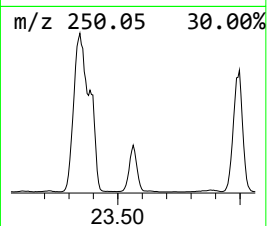
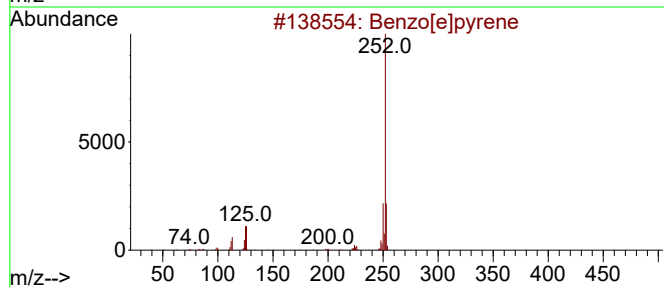
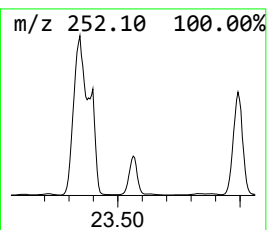
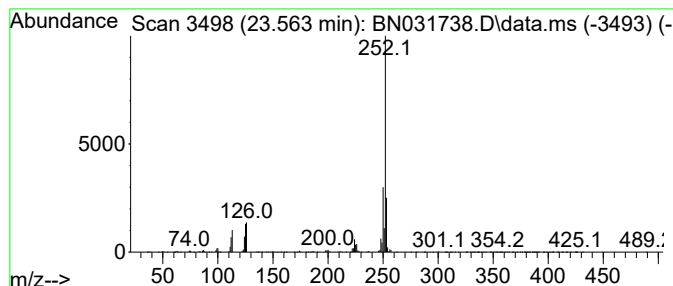
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 44 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.563	15.22 ng/ul	4043750	Perylene-d12	24.257

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	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBN1

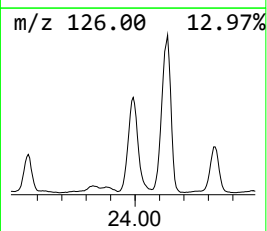
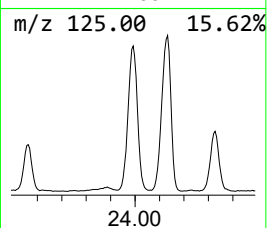
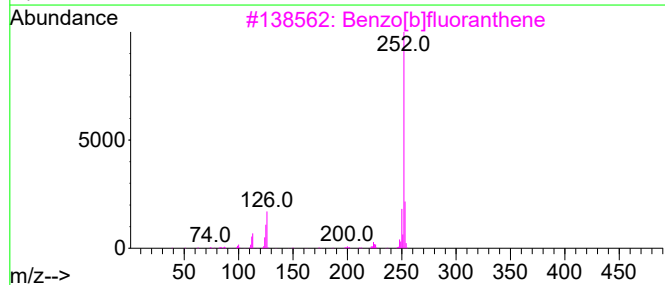
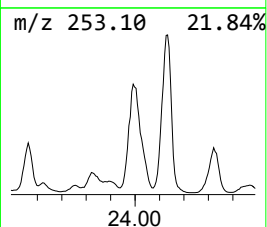
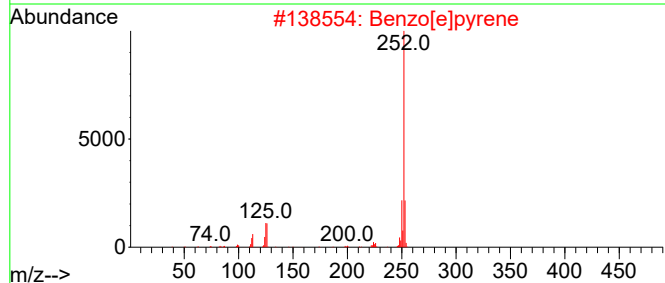
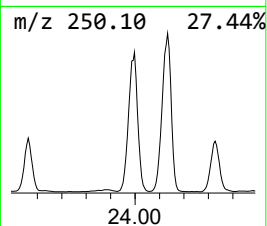
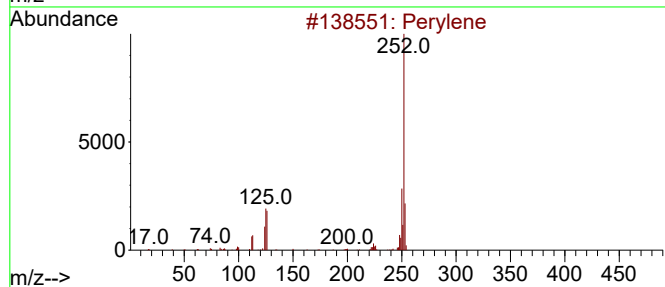
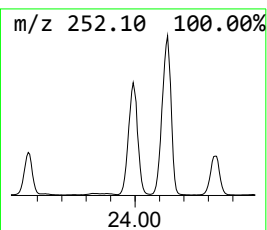
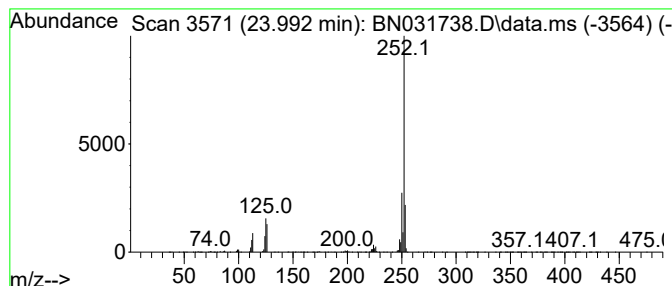
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 45 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.992	48.98 ng/ul	13012300	Perylene-d12	24.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Perylene	252	C20H12	000198-55-0	99
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4			Benzo[a]pyrene	252	C20H12	000050-32-8	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031738.D
Acq On : 31 May 2024 12:22
Operator : MA/JU
Sample : P2549-23
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BHBNI

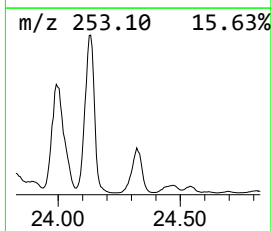
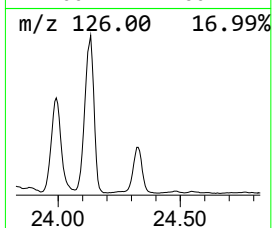
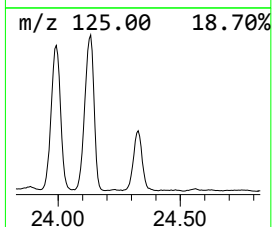
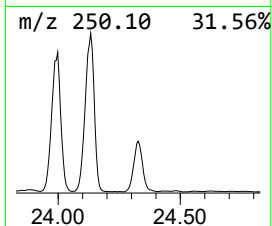
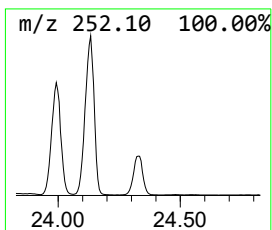
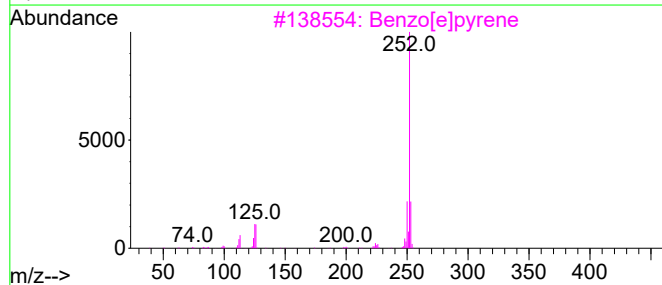
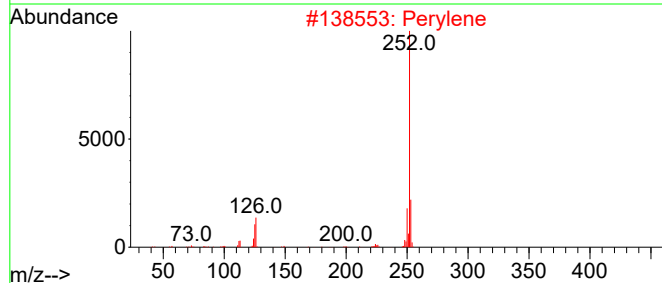
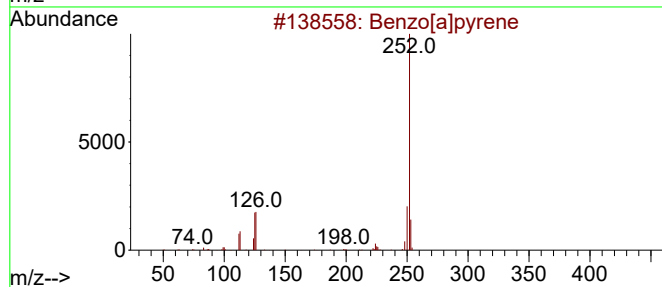
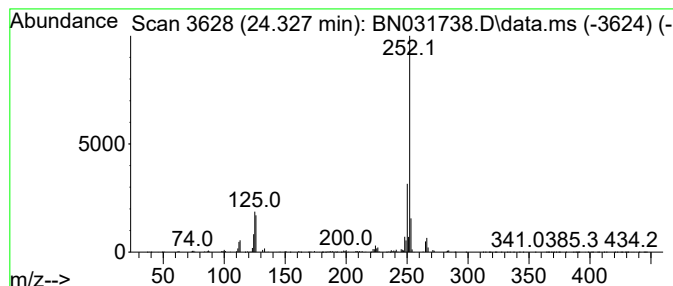
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.327	26.39 ng/ul	7010410	Perylene-d12	24.257

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[a]pyrene	252	C20H12	000050-32-8	89
2			Perylene	252	C20H12	000198-55-0	83
3			Benzo[e]pyrene	252	C20H12	000192-97-2	81
4			Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
5			Benzo[e]pyrene	252	C20H12	000192-97-2	76



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031738.D
 Acq On : 31 May 2024 12:22
 Operator : MA/JU
 Sample : P2549-23
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BHBN1

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
1-Phenoxypropan...	11.204	4.9	ng/ul	1279870	2	10.463	5214950	20.0
[1,1'-Biphenyl]...	15.669	6.3	ng/ul	2156270	3	14.322	6798300	20.0
Dibenzofuran, 4...	15.816	9.8	ng/ul	2963930	4	17.075	6046660	20.0
9H-Fluorene, 2-...	16.381	7.5	ng/ul	2267190	4	17.075	6046660	20.0
Naphtho[2,1-b]f...	16.604	5.6	ng/ul	1692590	4	17.075	6046660	20.0
3'-Methyl-[1,1'...	16.645	4.5	ng/ul	1358270	4	17.075	6046660	20.0
9H-Fluoren-9-one	16.728	12.6	ng/ul	3822950	4	17.075	6046660	20.0
4-(4-Methylphen...	16.804	9.1	ng/ul	2739650	4	17.075	6046660	20.0
Dibenzothiophene	16.886	9.6	ng/ul	2913210	4	17.075	6046660	20.0
Phenanthridine	17.257	5.5	ng/ul	1652420	4	17.075	6046660	20.0
Benzo[c]cinnoli...	17.651	5.8	ng/ul	1755400	4	17.075	6046660	20.0
Phenanthrene, 2...	17.945	23.6	ng/ul	7144540	4	17.075	6046660	20.0
Anthracene, 2-m...	17.992	39.4	ng/ul	11910100	4	17.075	6046660	20.0
4H-Cyclopenta[d...	18.139	32.8	ng/ul	9909610	4	17.075	6046660	20.0
1H-Cyclopropa[1...	18.175	13.8	ng/ul	4166770	4	17.075	6046660	20.0
Naphthalene, 2-...	18.451	15.7	ng/ul	4738260	4	17.075	6046660	20.0
9,10-Anthracene...	18.492	15.9	ng/ul	4822880	4	17.075	6046660	20.0
Anthracene, 2-e...	18.698	7.4	ng/ul	2244140	4	17.075	6046660	20.0
Phenanthrene, 3...	18.745	5.4	ng/ul	1625980	4	17.075	6046660	20.0
di-p-Tolylacety...	18.786	4.7	ng/ul	1419620	4	17.075	6046660	20.0
Phenanthrene, 2...	18.869	19.0	ng/ul	5732370	4	17.075	6046660	20.0
unknown-01	18.927	11.0	ng/ul	3323130	4	17.075	6046660	20.0
Naphthalene, 1,...	18.963	5.5	ng/ul	1656850	4	17.075	6046660	20.0
Cyclopenta(def)...	19.016	16.2	ng/ul	4892000	4	17.075	6046660	20.0
11H-Benzo[b]flu...	19.827	4.5	ng/ul	7344530	5	21.316	32436000	20.0
7H-Benz[de]anth...	21.063	4.8	ng/ul	7811000	5	21.316	32436000	20.0
4',5-Dihydroxy-...	22.904	10.8	ng/ul	2856590	6	24.257	5313760	20.0
Benzo[e]pyrene	23.563	15.2	ng/ul	4043750	6	24.257	5313760	20.0
Perylene	23.992	49.0	ng/ul	13012300	6	24.257	5313760	20.0
unknown-02	24.327	26.4	ng/ul	7010410	6	24.257	5313760	20.0