

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031744.D
 Acq On : 31 May 2024 16:18
 Operator : MA/JU
 Sample : P2549-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH620

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: BN031744.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.193	30	35	43	rVB	77930	114379	1.27%	0.070%
2	3.452	75	79	88	rBV	88562	126008	1.40%	0.077%
3	3.593	100	103	117	rBV	779359	1202239	13.34%	0.731%
4	3.699	117	121	130	rVV	162552	235236	2.61%	0.143%
5	6.852	647	657	665	rBV	1498323	2411183	26.76%	1.467%
6	7.022	679	686	699	rVB	1268293	1975270	21.92%	1.202%
7	7.216	712	719	727	rVV	1510972	2447146	27.16%	1.489%
8	7.681	789	798	805	rBV	1851646	2944818	32.68%	1.792%
9	8.387	911	918	925	rVV	1669420	2787612	30.94%	1.696%
10	8.834	986	994	1002	rVV	1439165	2411594	26.77%	1.467%
11	9.404	1085	1091	1100	rVB	94122	151050	1.68%	0.092%
12	9.551	1108	1116	1128	rBV	1132899	1941358	21.55%	1.181%
13	10.087	1197	1207	1218	rVV	1897642	3184570	35.34%	1.938%
14	10.463	1263	1271	1278	rBV	2599998	4502126	49.97%	2.739%
15	10.604	1286	1295	1315	rBV	910080	1679504	18.64%	1.022%
16	11.210	1391	1398	1403	rBV	175250	316580	3.51%	0.193%
17	13.645	1806	1812	1816	rBV	88021	147075	1.63%	0.089%
18	13.739	1822	1828	1839	rVB	3137383	4487442	49.80%	2.730%
19	14.016	1864	1875	1888	rBV2	3755287	6264090	69.52%	3.811%
20	14.322	1918	1927	1934	rBV	3732281	5775008	64.09%	3.514%
21	14.386	1934	1938	1947	rVB	114054	197990	2.20%	0.120%
22	14.528	1955	1962	1972	rBV	1253386	2025049	22.48%	1.232%
23	14.681	1984	1988	1992	rBV	92074	137025	1.52%	0.083%
24	14.722	1992	1995	2004	rVV2	94225	207747	2.31%	0.126%
25	14.945	2025	2033	2037	rBV3	69365	160895	1.79%	0.098%
26	15.116	2054	2062	2065	rBV5	53620	117864	1.31%	0.072%
27	15.322	2090	2097	2102	rVV	4635524	6781972	75.27%	4.126%
28	15.375	2102	2106	2112	rVV3	166276	302204	3.35%	0.184%
29	15.445	2112	2118	2124	rVV	706992	1052493	11.68%	0.640%
30	15.669	2150	2156	2168	rVB2	73528	159515	1.77%	0.097%
31	15.816	2178	2181	2189	rVB2	67100	129228	1.43%	0.079%
32	16.045	2215	2220	2227	rBV3	162891	290909	3.23%	0.177%
33	16.380	2267	2277	2281	rBV5	80070	198199	2.20%	0.121%
34	16.422	2281	2284	2290	rVB2	78999	117114	1.30%	0.071%
35	16.728	2331	2336	2343	rVB2	182264	293745	3.26%	0.179%
36	16.892	2359	2364	2371	rVB	163392	271824	3.02%	0.165%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031744.D
 Acq On : 31 May 2024 16:18
 Operator : MA/JU
 Sample : P2549-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH620

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	16.980	2375	2379	2385	rBV4	89130	178632	1.98%	0.109%
38	17.069	2386	2394	2398	rBV	4130966	6203970	68.86%	3.775%
39	17.116	2398	2402	2406	rVV	2831497	4163296	46.21%	2.533%
40	17.169	2406	2411	2415	rVV2	4571782	6562050	72.83%	3.993%
41	17.204	2415	2417	2422	rVB	538183	622033	6.90%	0.378%
42	17.257	2422	2426	2432	rBV3	139739	237386	2.63%	0.144%
43	17.445	2454	2458	2460	rBV2	107280	150412	1.67%	0.092%
44	17.475	2460	2463	2468	rVB	217426	283537	3.15%	0.173%
45	17.592	2480	2483	2487	rVB	92321	115552	1.28%	0.070%
46	17.651	2489	2493	2501	rVB2	170709	266974	2.96%	0.162%
47	17.792	2513	2517	2522	rVB	72461	121321	1.35%	0.074%
48	17.863	2525	2529	2533	rBV2	80480	120996	1.34%	0.074%
49	17.945	2538	2543	2545	rVV	768687	1003796	11.14%	0.611%
50	17.980	2545	2549	2557	rVV2	1448147	3243830	36.00%	1.974%
51	18.045	2557	2560	2562	rVV	192953	270357	3.00%	0.164%
52	18.075	2562	2565	2569	rVV	191386	304475	3.38%	0.185%
53	18.139	2570	2576	2580	rVV2	933425	1777789	19.73%	1.082%
54	18.175	2580	2582	2589	rVB	530862	673700	7.48%	0.410%
55	18.269	2594	2598	2600	rVV4	114263	173009	1.92%	0.105%
56	18.292	2600	2602	2607	rVV4	120465	195133	2.17%	0.119%
57	18.339	2607	2610	2615	rVB2	97946	149167	1.66%	0.091%
58	18.451	2624	2629	2632	rBV	453205	591943	6.57%	0.360%
59	18.492	2632	2636	2642	rVB2	561983	772090	8.57%	0.470%
60	18.698	2667	2671	2675	rVV	202304	246197	2.73%	0.150%
61	18.745	2675	2679	2683	rVV	296477	404700	4.49%	0.246%
62	18.786	2683	2686	2690	rVB	218693	280914	3.12%	0.171%
63	18.869	2695	2700	2705	rBV	635814	1031735	11.45%	0.628%
64	18.927	2705	2710	2713	rVV4	279757	584736	6.49%	0.356%
65	18.963	2713	2716	2719	rVB	197450	233247	2.59%	0.142%
66	19.010	2719	2724	2731	rBV2	430517	806112	8.95%	0.490%
67	19.133	2739	2745	2751	rVB	6583729	9010172	100.00%	5.482%
68	19.204	2753	2757	2759	rBV	134540	165240	1.83%	0.101%
69	19.233	2759	2762	2764	rVV2	165201	183791	2.04%	0.112%
70	19.263	2764	2767	2774	rVB2	354908	774448	8.60%	0.471%
71	19.380	2783	2787	2790	rBV	191322	234785	2.61%	0.143%
72	19.469	2796	2802	2805	rBV2	5201631	8229506	91.34%	5.007%
73	19.498	2805	2807	2815	rVB	5980479	7078761	78.56%	4.307%
74	19.574	2815	2820	2823	rBV2	359847	567017	6.29%	0.345%
75	19.610	2823	2826	2831	rVB	498135	583764	6.48%	0.355%
76	19.674	2834	2837	2843	rVB	220350	354253	3.93%	0.216%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
 Data File : BN031744.D
 Acq On : 31 May 2024 16:18
 Operator : MA/JU
 Sample : P2549-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 BH620

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	19.739	2844	2848	2853	rVB2	299184	481506	5.34%	0.293%
78	19.821	2857	2862	2869	rBV4	485012	1236990	13.73%	0.753%
79	19.957	2881	2885	2887	rBV4	357264	550124	6.11%	0.335%
80	19.992	2888	2891	2895	rVB	815408	1076431	11.95%	0.655%
81	20.098	2905	2909	2912	rBV	465814	650942	7.22%	0.396%
82	20.151	2915	2918	2923	rVB2	598249	884472	9.82%	0.538%
83	20.292	2939	2942	2945	rBV	446428	525409	5.83%	0.320%
84	20.333	2946	2949	2954	rVB3	695958	942587	10.46%	0.574%
85	20.404	2959	2961	2966	rVB	403528	457684	5.08%	0.278%
86	20.563	2984	2988	2991	rBV	334761	482089	5.35%	0.293%
87	20.745	3015	3019	3026	rBV	719448	1190742	13.22%	0.724%
88	20.957	3052	3055	3058	rBV	442135	529836	5.88%	0.322%
89	20.998	3058	3062	3068	rVV2	1332973	2183694	24.24%	1.329%
90	21.057	3069	3072	3084	rVB	664415	1241962	13.78%	0.756%
91	21.221	3096	3100	3104	rBV	1278039	1555156	17.26%	0.946%
92	21.304	3107	3114	3119	rVV3	3690801	8931010	99.12%	5.434%
93	21.351	3119	3122	3131	rVB	2561705	3784342	42.00%	2.303%
94	21.492	3143	3146	3152	rBV3	270157	571656	6.34%	0.348%
95	22.057	3237	3242	3246	rBV2	442919	1032559	11.46%	0.628%
96	23.321	3451	3457	3464	rBV	1748680	4903840	54.43%	2.984%
97	23.980	3563	3569	3574	rBV	1122020	2445598	27.14%	1.488%
98	24.051	3575	3581	3586	rVV2	1732045	3880584	43.07%	2.361%
99	24.109	3586	3591	3605	rVB	1703116	4261716	47.30%	2.593%
100	24.251	3608	3615	3622	rBV	1553778	4055825	45.01%	2.468%

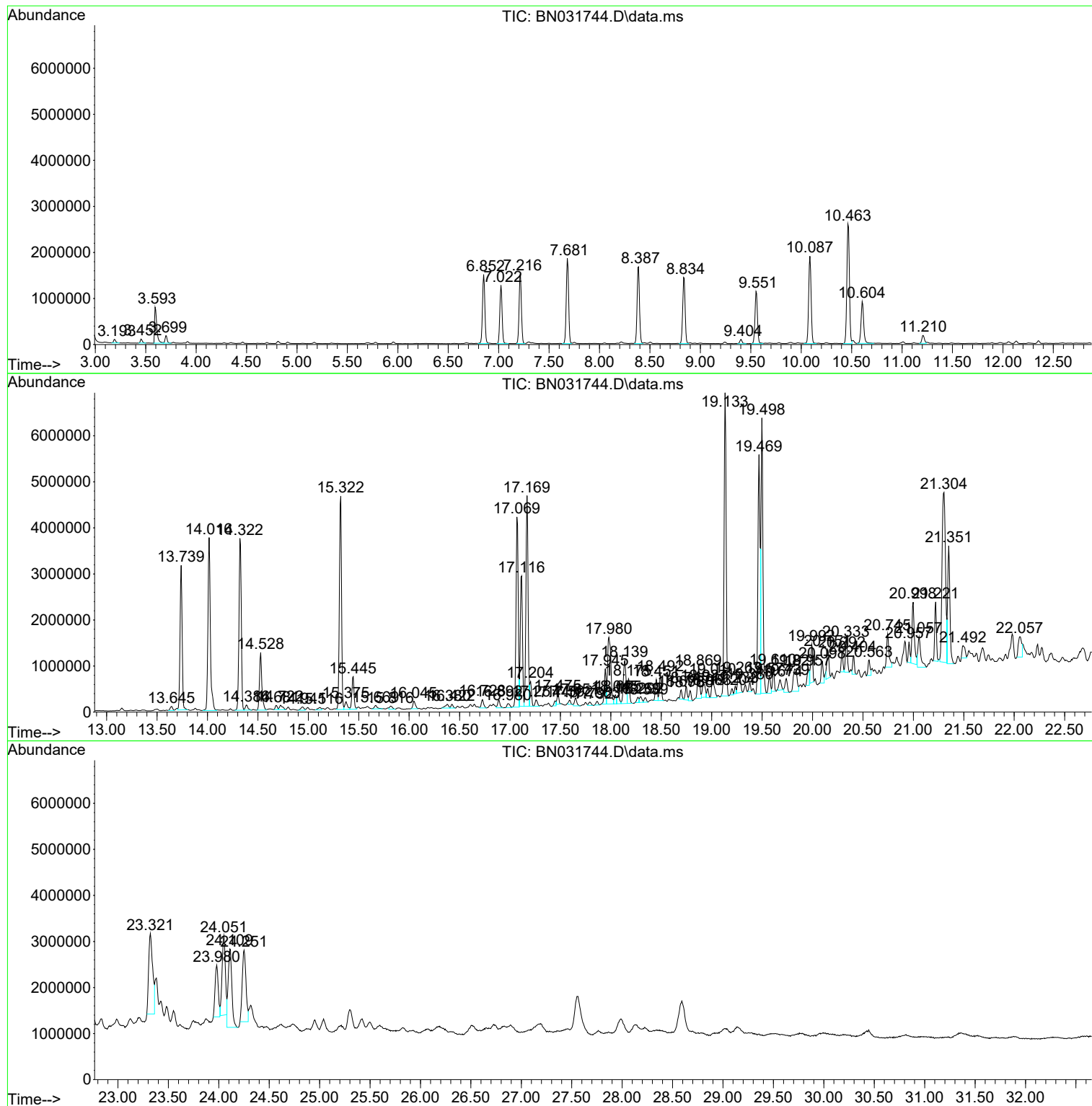
Sum of corrected areas: 164355641

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

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 : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

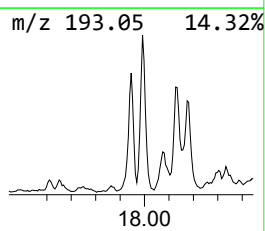
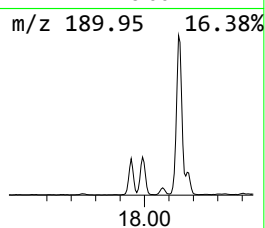
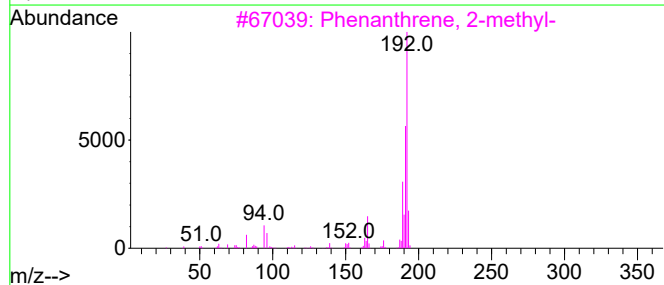
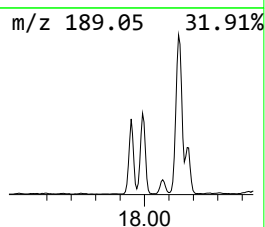
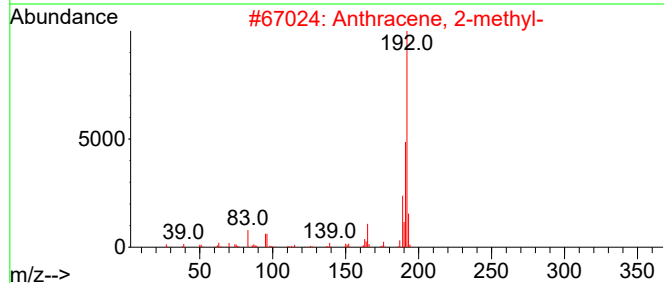
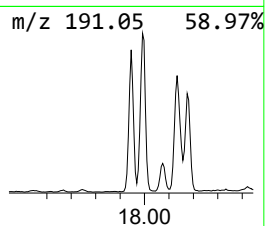
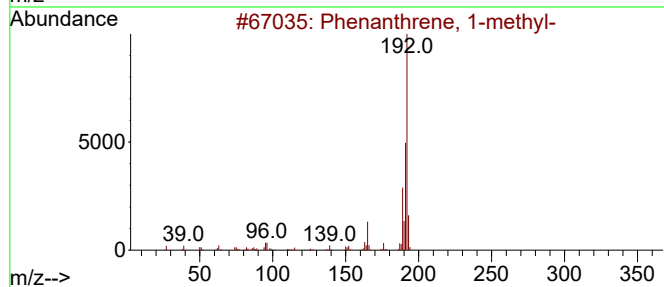
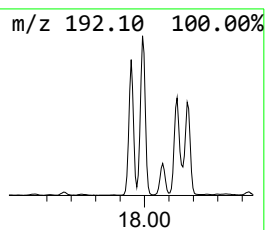
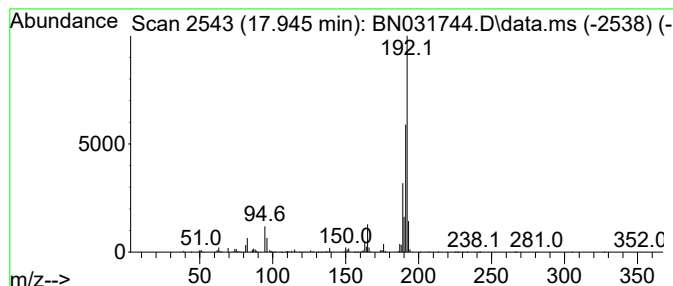
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.945	3.24 ng/ul	1003800	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2			Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

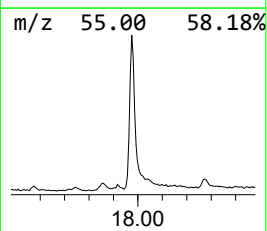
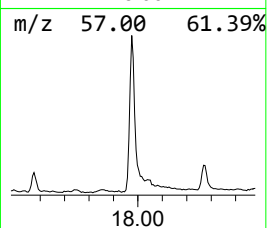
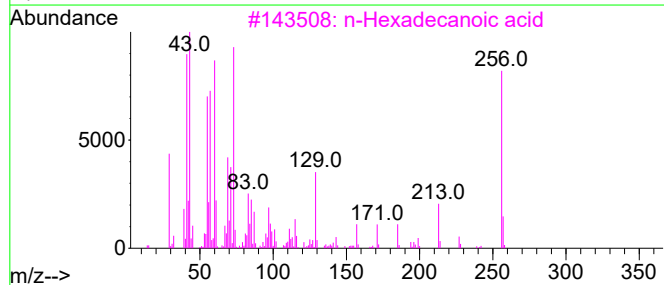
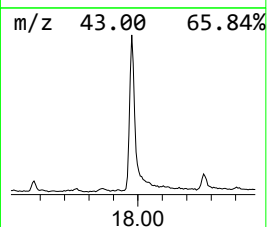
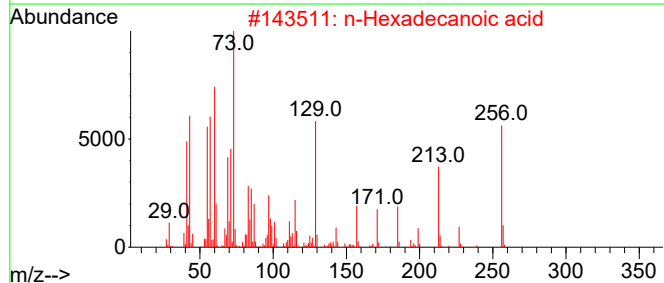
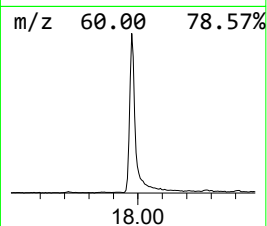
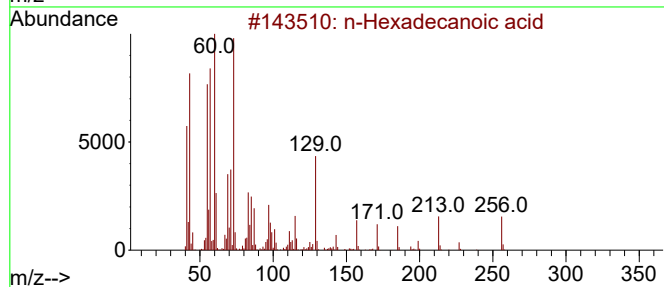
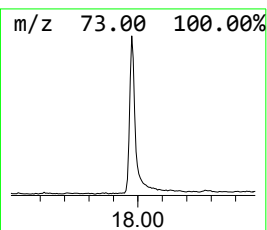
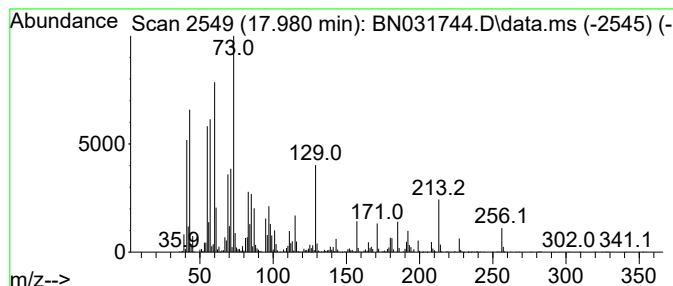
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	10.46 ng/ul	3243830	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
4			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

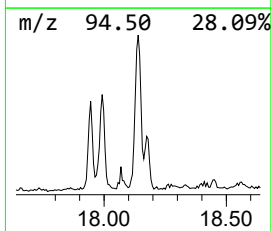
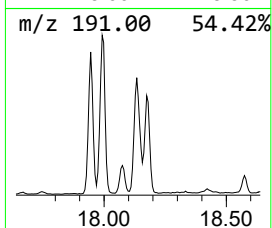
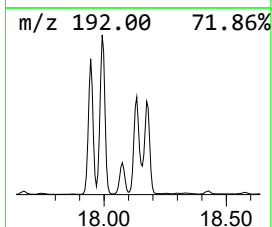
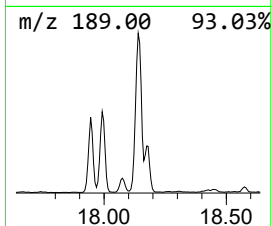
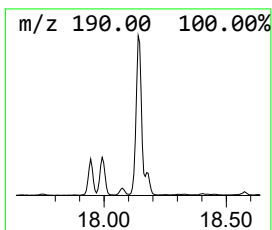
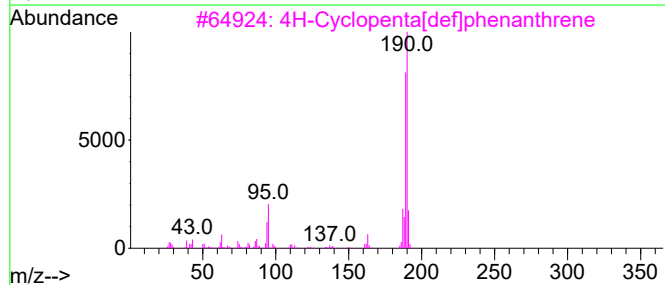
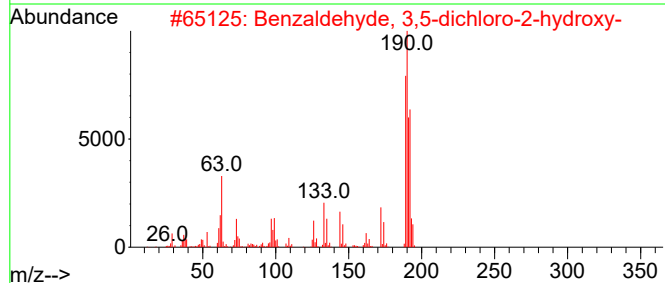
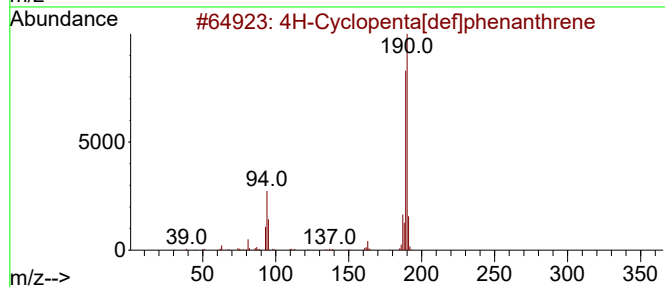
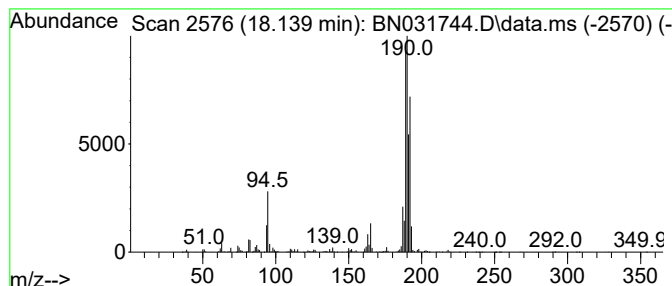
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	5.73 ng/ul	1777790	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2			Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	64
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	35
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

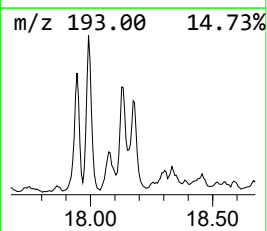
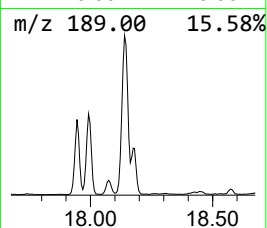
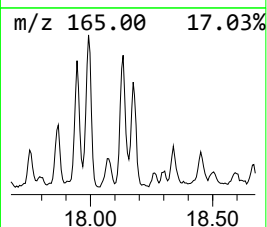
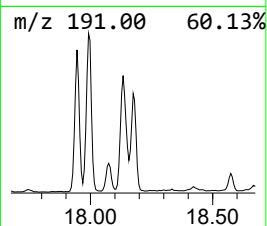
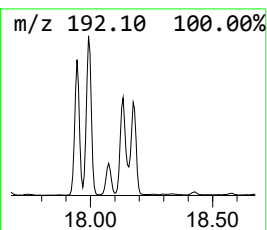
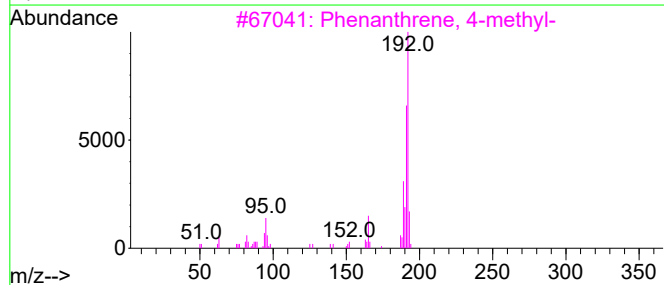
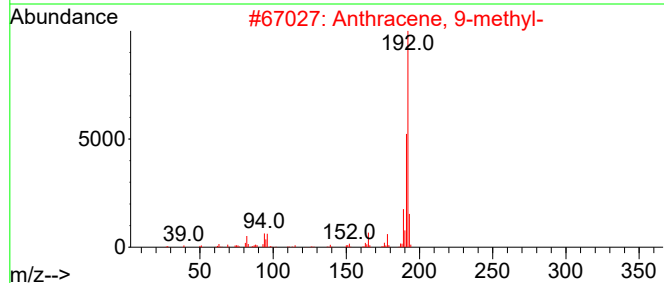
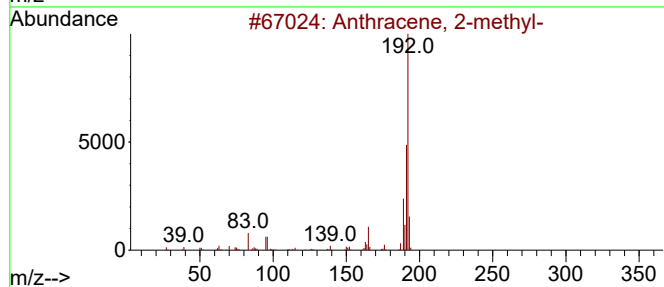
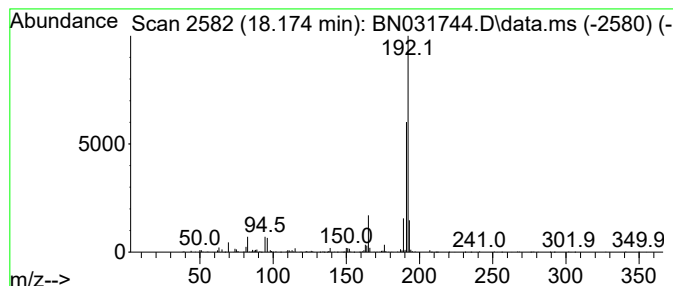
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	2.17 ng/ul	673700	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
2			Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
3			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

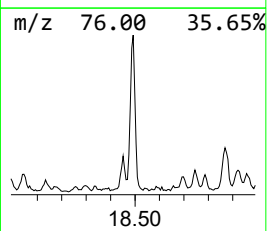
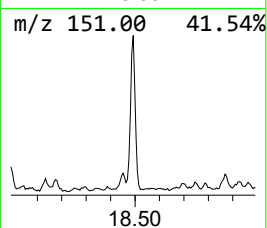
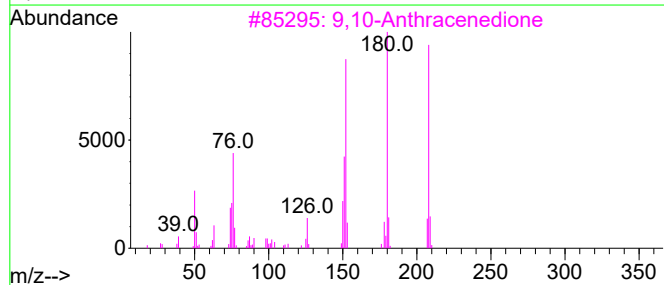
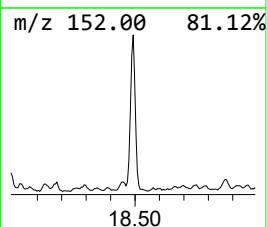
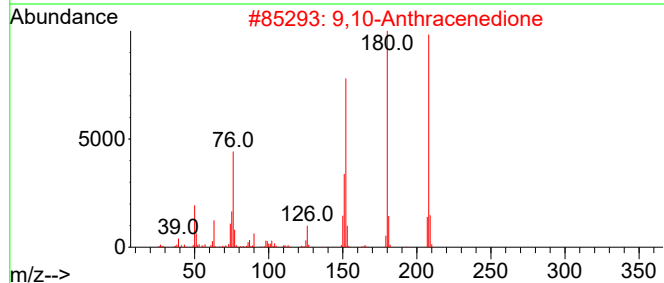
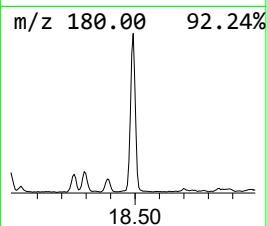
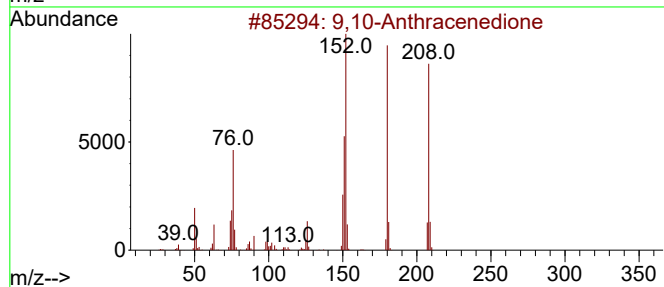
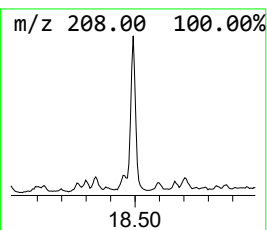
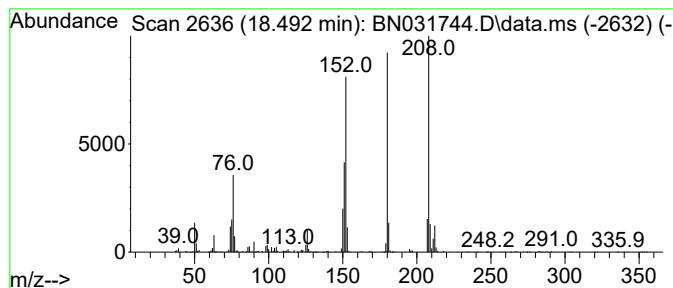
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.492	2.49 ng/ul	772090	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
5			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

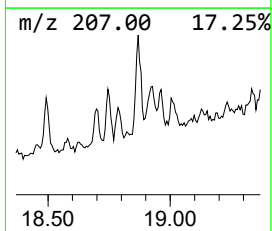
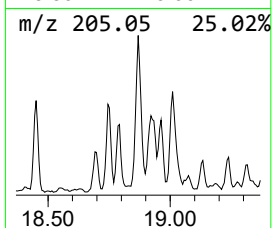
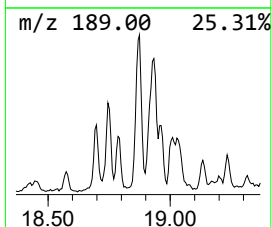
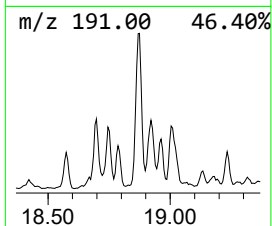
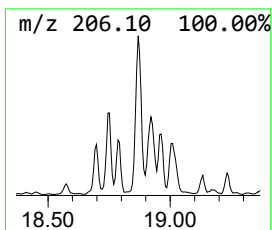
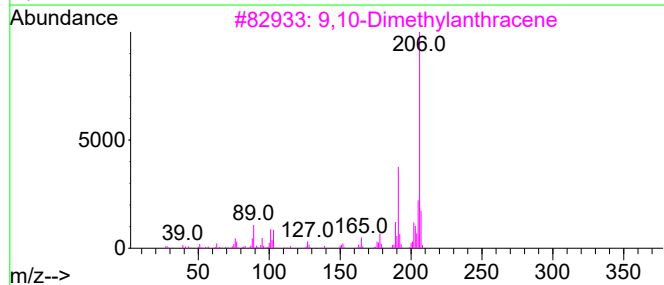
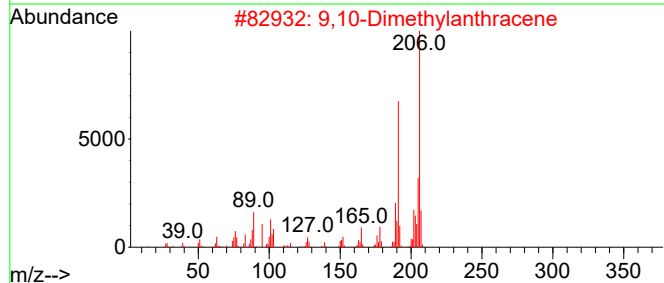
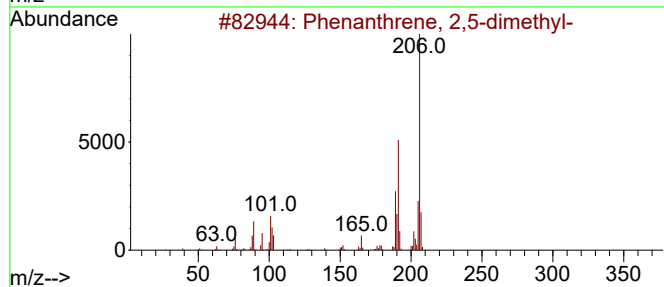
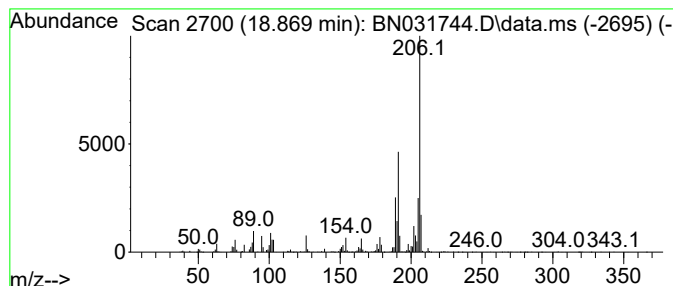
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 Phenanthrene, 2,5-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.869	3.33 ng/ul	1031740	Phenanthrene-d10	17.069

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
3			9,10-Dimethylantracene	206	C16H14	000781-43-1	91
4			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91
5			9,10-Dimethylantracene	206	C16H14	000781-43-1	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

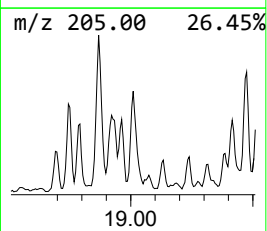
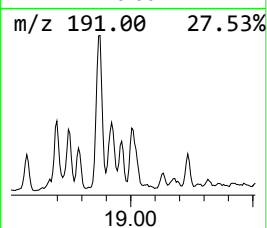
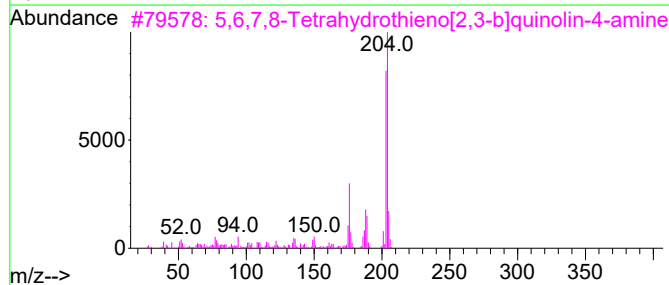
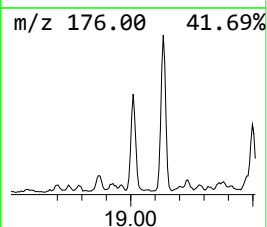
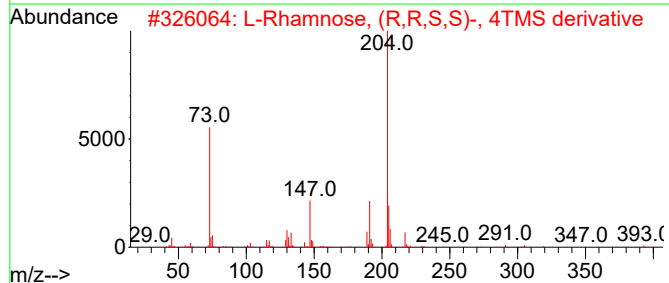
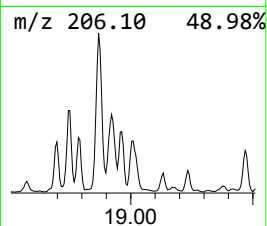
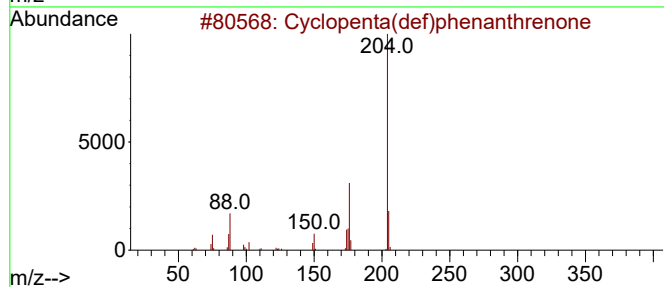
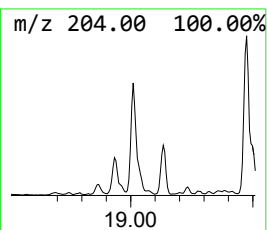
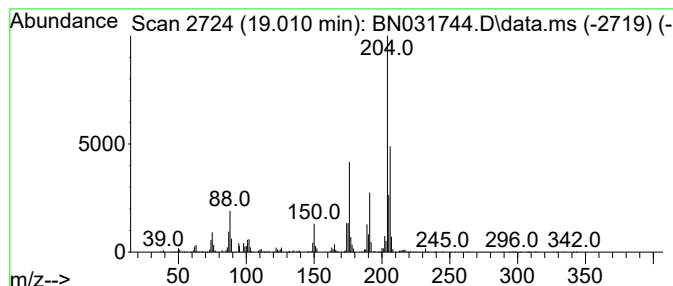
Instrument :
BNA_N
ClientSampleId :
BH620

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 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD		R.T.	
19.010	2.60 ng/ul	806112	Phenanthrene-d10		17.069	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	97
2	L-Rhamnose, (R,R,S,S)-, 4TMS der...		452	C18H44O5Si4	108392-01-4	43
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...		204	C11H12N2S	122914-50-5	38
4	2-Chloro-4-phenylphenol		204	C12H9ClO	000092-04-6	38
5	3,4-Biphenyldicarbonitrile		204	C14H8N2	004128-63-6	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

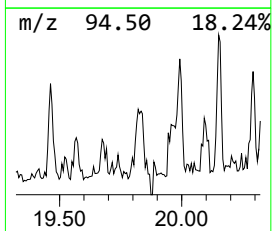
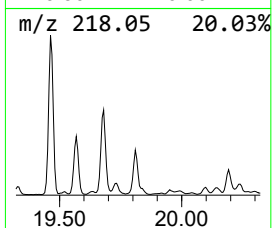
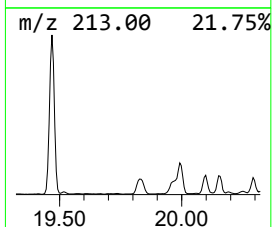
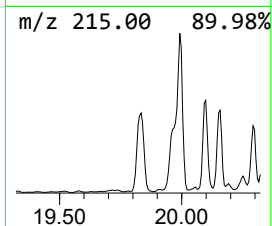
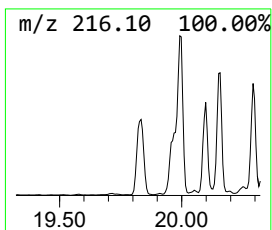
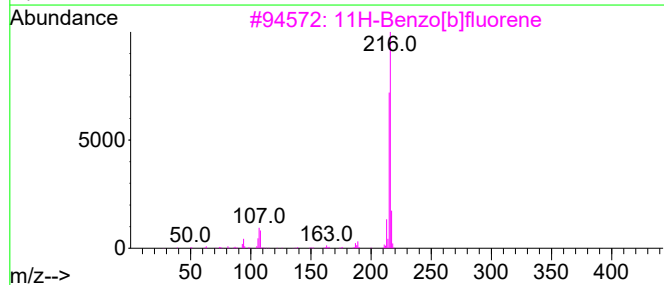
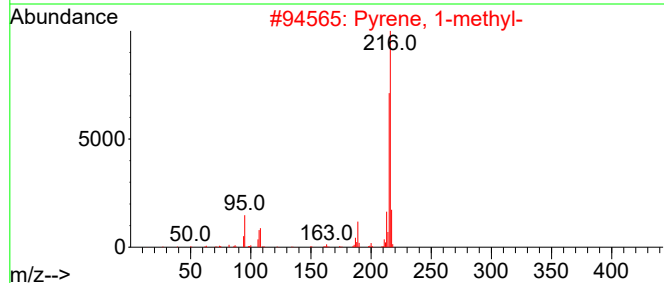
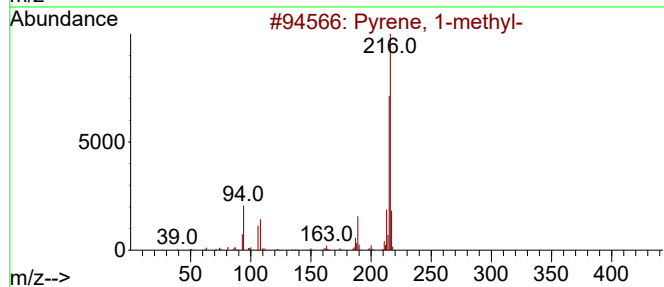
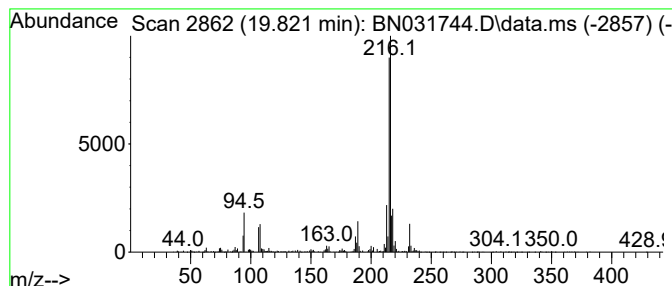
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 Pyrene, 1-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.822	2.77 ng/ul	1236990	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

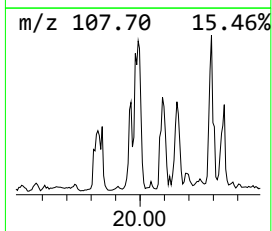
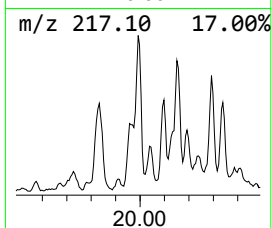
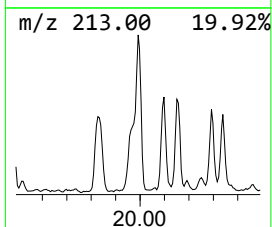
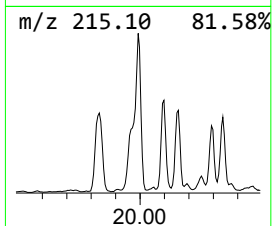
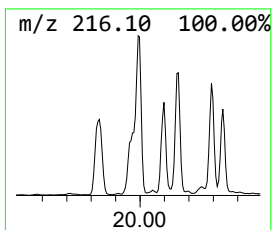
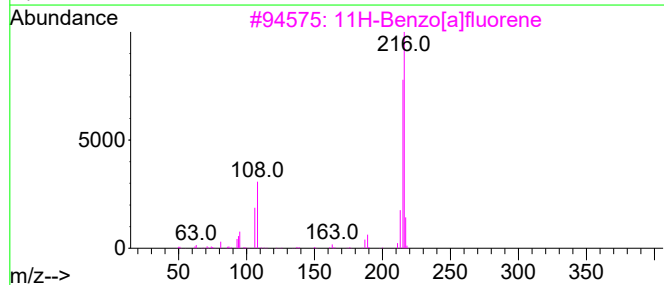
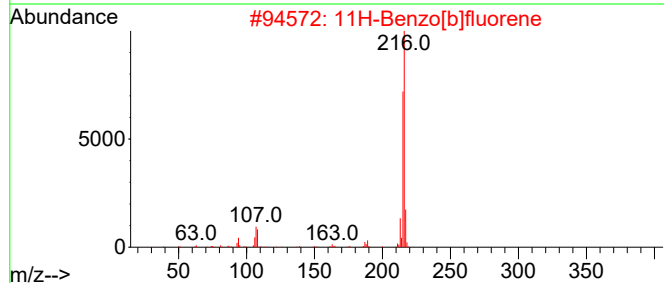
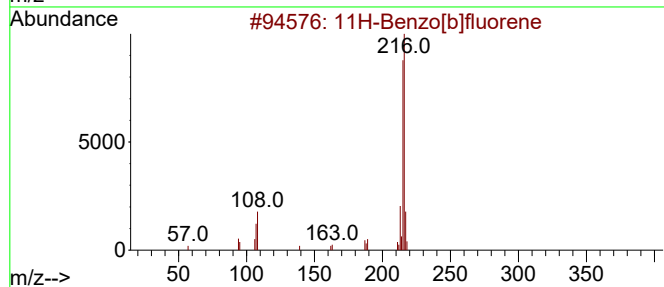
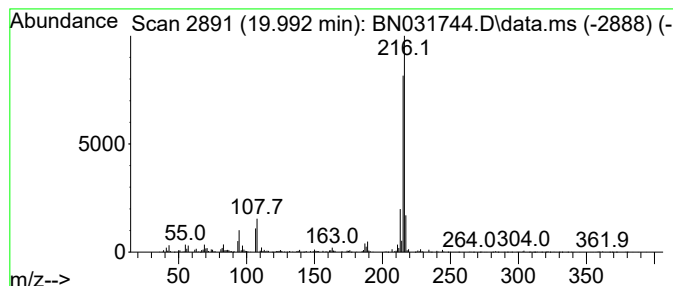
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.992	2.41 ng/ul	1076430	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

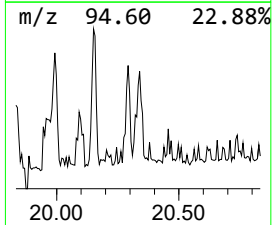
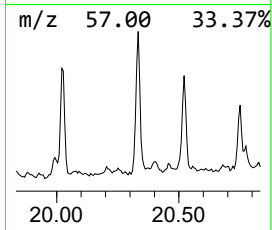
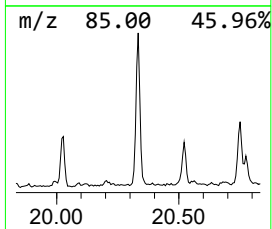
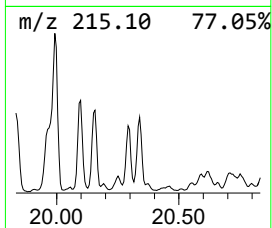
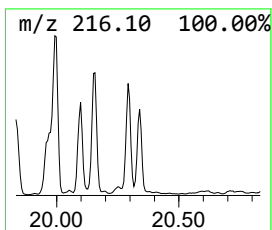
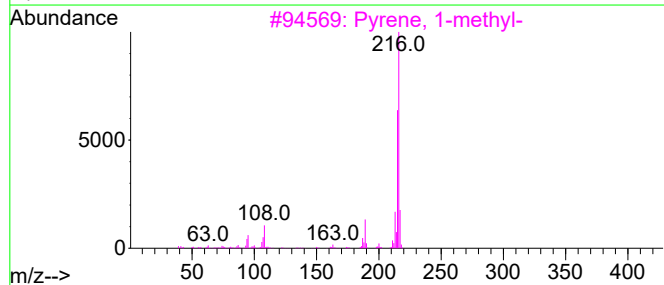
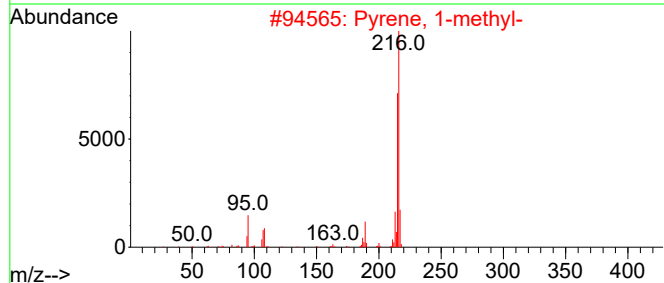
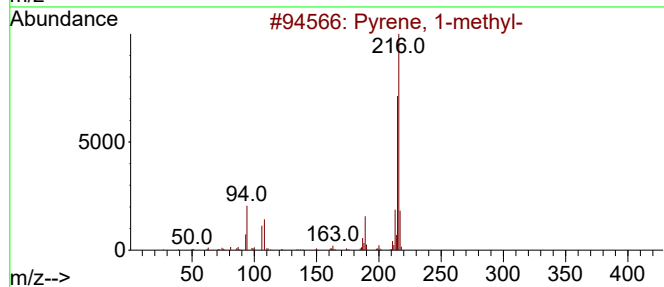
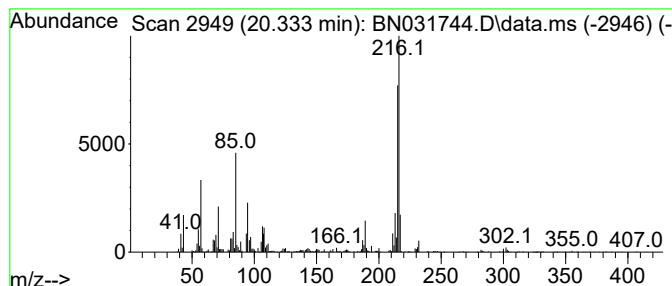
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Pyrene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.333	2.11 ng/ul	942587	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

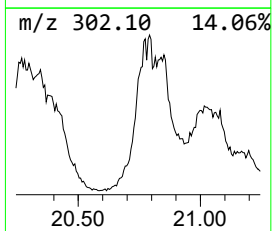
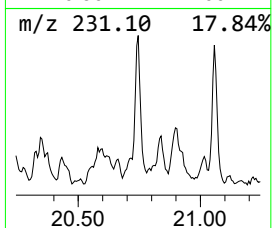
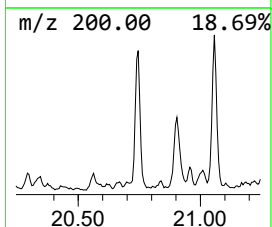
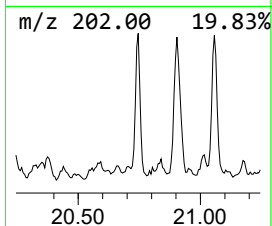
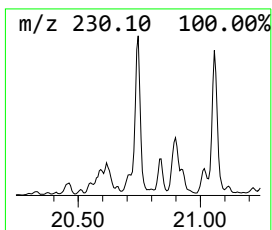
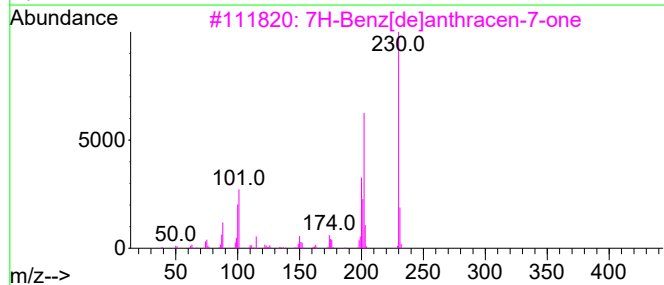
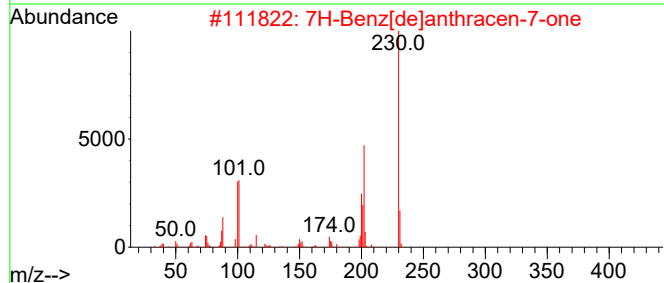
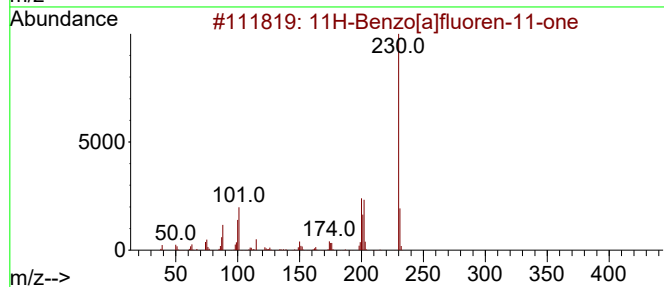
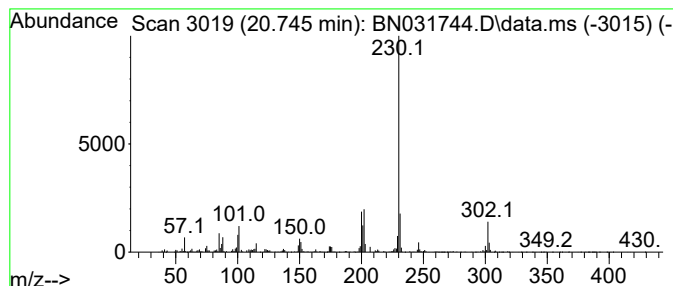
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.745	2.67 ng/ul	1190740	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	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	86
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

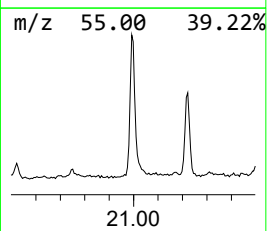
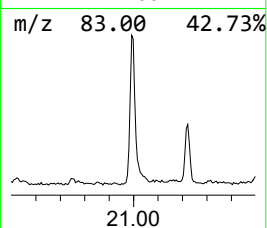
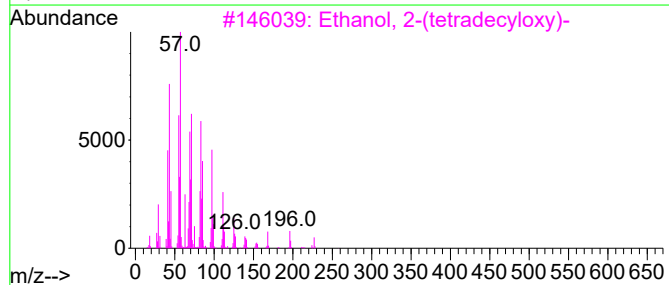
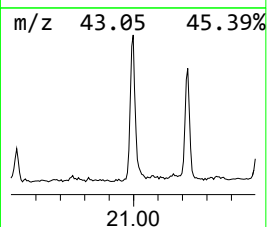
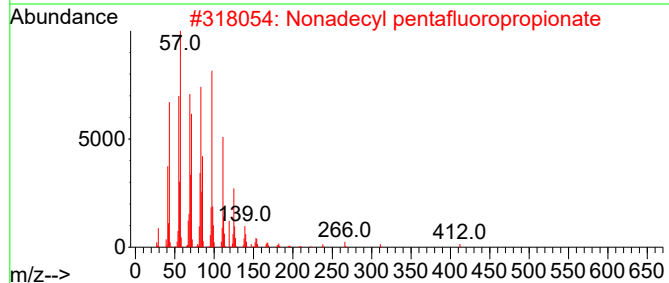
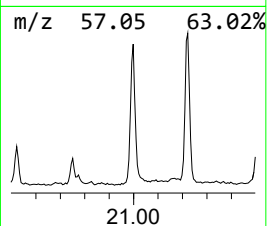
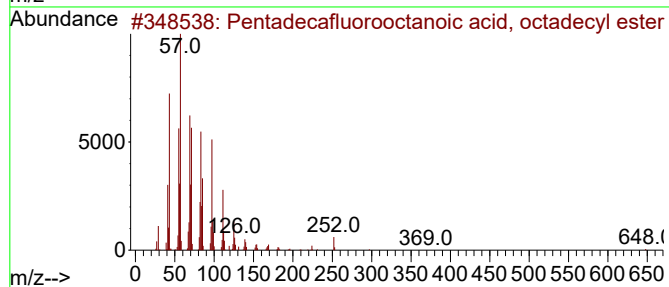
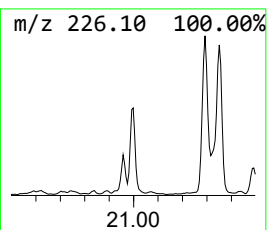
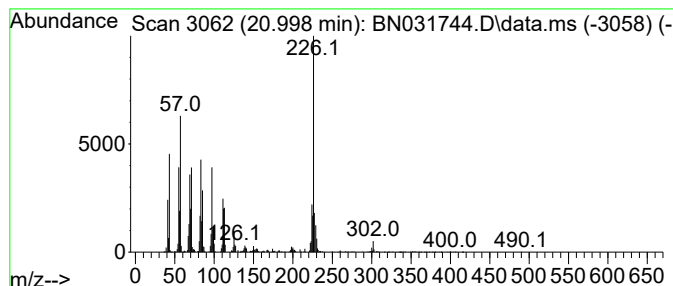
Instrument :
BNA_N
ClientSampleId :
BH620

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 Pentadecafluorooctanoic aci... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.998	4.89 ng/ul	2183690	Chrysene-d12	21.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecafluorooctanoic acid, oc...	666	C26H37F15O2	1000406-04-8	86
2	Nonadecyl pentafluoropropionate	430	C22H39F5O2	1000351-88-8	55
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	50
4	Docosyl pentafluoropropionate	472	C25H45F5O2	1000351-80-9	49
5	Eicosyl pentafluoropropionate	444	C23H41F5O2	1000351-80-8	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

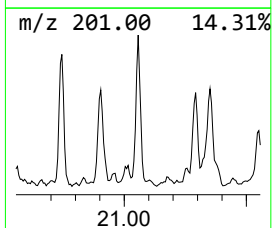
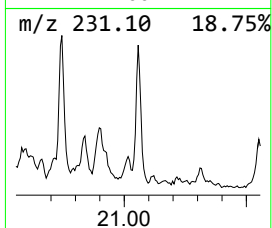
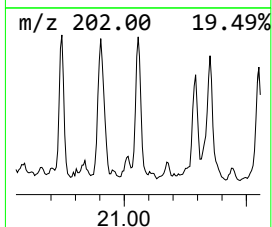
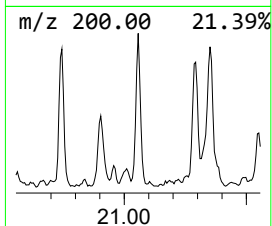
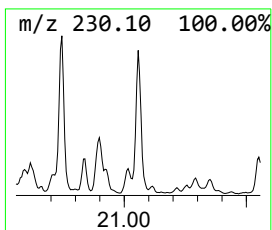
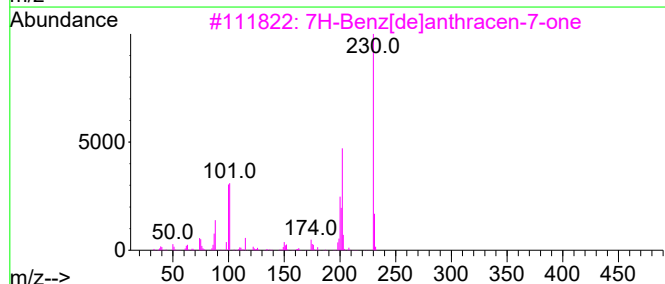
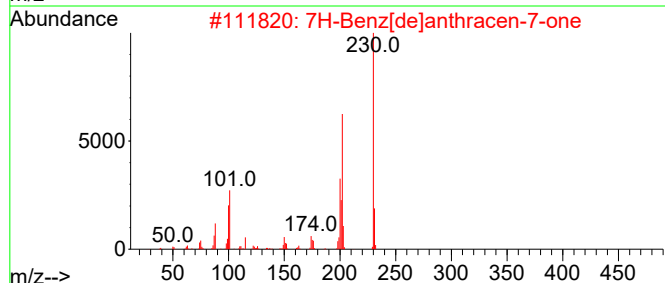
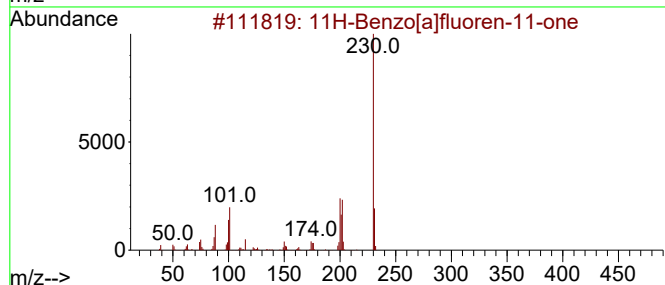
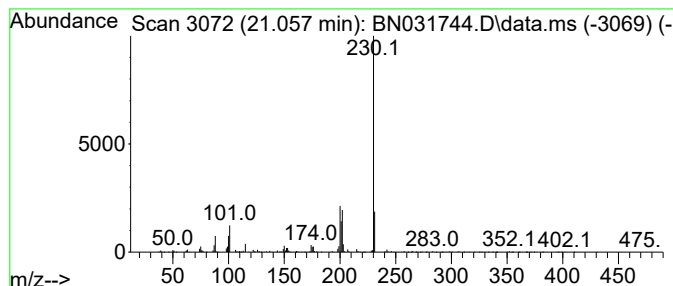
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.057	2.78 ng/ul	1241960	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
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	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	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

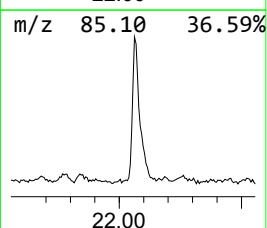
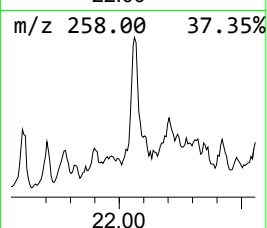
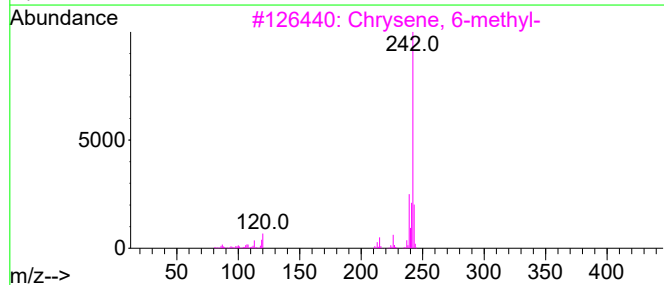
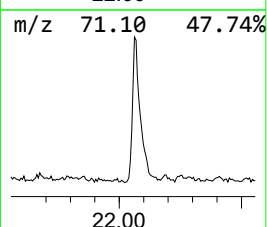
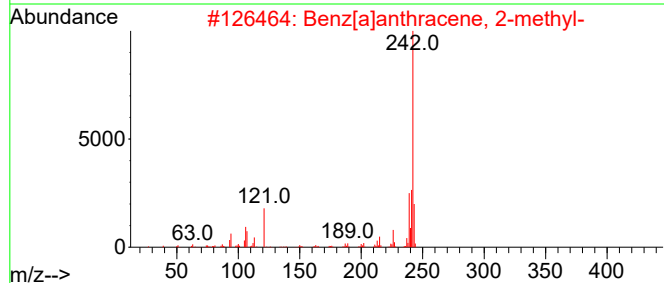
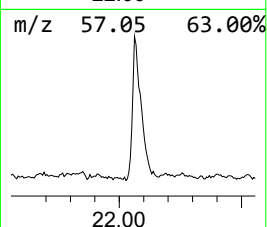
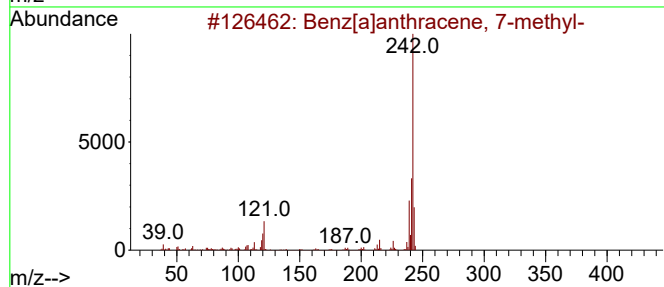
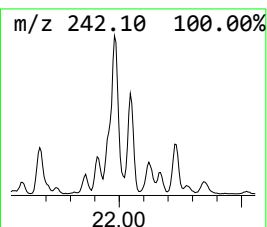
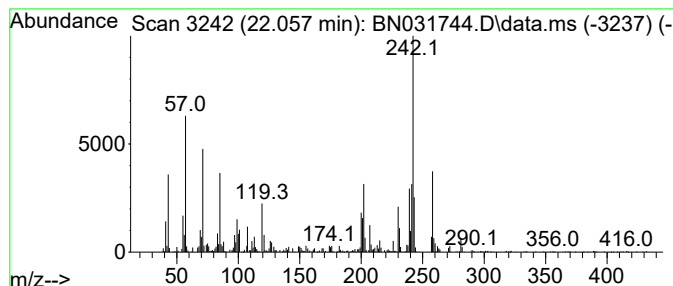
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Benz[a]anthracene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.057	2.31 ng/ul	1032560	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	55
2			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	50
3			Chrysene, 6-methyl-	242	C19H14	001705-85-7	50
4			Benzo[c]phenanthrene, 6-methyl-	242	C19H14	002381-34-2	50
5			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

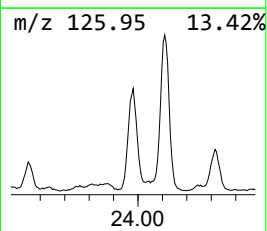
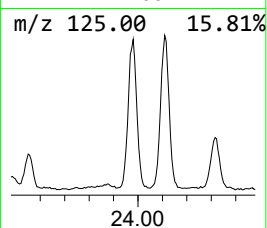
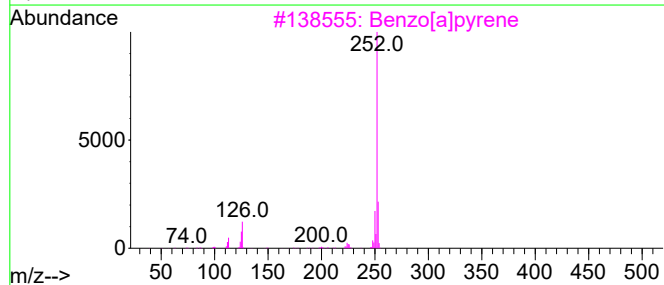
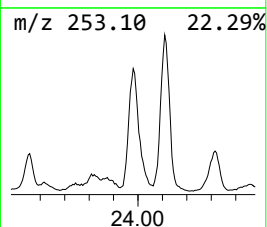
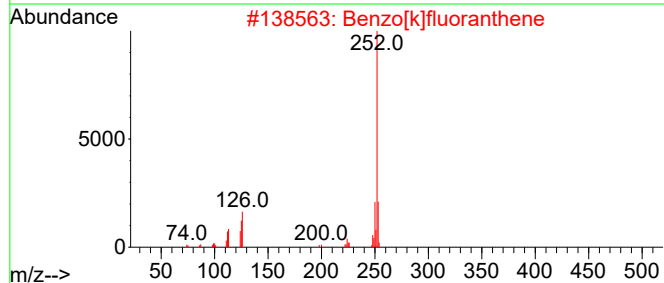
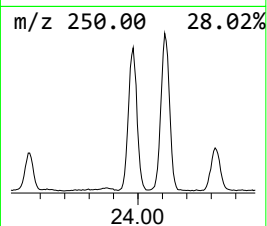
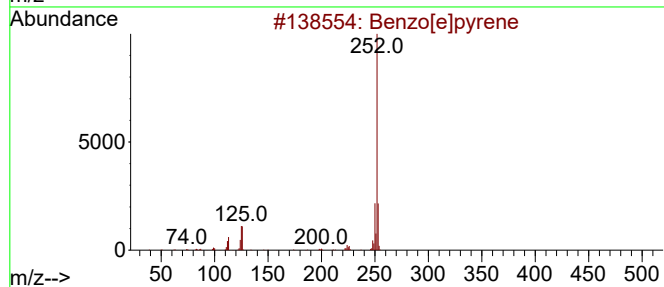
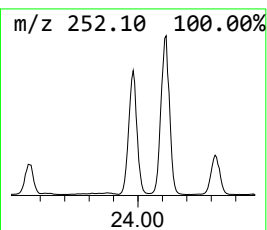
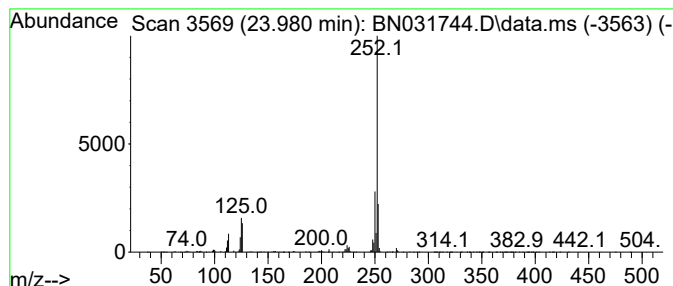
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN052924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.980	12.06 ng/ul	2445600	Perylene-d12	24.245

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[e]pyrene	252	C20H12	000192-97-2	99
2			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3			Benzo[a]pyrene	252	C20H12	000050-32-8	96
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Benzo[a]pyrene	252	C20H12	000050-32-8	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN053124\
Data File : BN031744.D
Acq On : 31 May 2024 16:18
Operator : MA/JU
Sample : P2549-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BH620

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

TIC Library : C:\Database\NIST0.L
TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1...	17.945	3.2	ng/ul	1003800	4	17.069	6203970	20.0
n-Hexadecanoic ...	17.980	10.5	ng/ul	3243830	4	17.069	6203970	20.0
4H-Cyclopenta[d...	18.139	5.7	ng/ul	1777790	4	17.069	6203970	20.0
Anthracene, 2-m...	18.174	2.2	ng/ul	673700	4	17.069	6203970	20.0
9,10-Anthracene...	18.492	2.5	ng/ul	772090	4	17.069	6203970	20.0
Phenanthrene, 2...	18.869	3.3	ng/ul	1031740	4	17.069	6203970	20.0
Cyclopenta(def)...	19.010	2.6	ng/ul	806112	4	17.069	6203970	20.0
Pyrene, 1-methyl-	19.822	2.8	ng/ul	1236990	5	21.310	8931010	20.0
11H-Benzo[b]flu...	19.992	2.4	ng/ul	1076430	5	21.310	8931010	20.0
Pyrene, 4-methyl-	20.333	2.1	ng/ul	942587	5	21.310	8931010	20.0
11H-Benzo[a]flu...	20.745	2.7	ng/ul	1190740	5	21.310	8931010	20.0
Pentadecafluoro...	20.998	4.9	ng/ul	2183690	5	21.310	8931010	20.0
7H-Benz[de]anth...	21.057	2.8	ng/ul	1241960	5	21.310	8931010	20.0
Benz[a]anthrace...	22.057	2.3	ng/ul	1032560	5	21.310	8931010	20.0
Benzo[e]pyrene	23.980	12.1	ng/ul	2445600	6	24.245	4055830	20.0