

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018923.D
 Acq On : 19 Dec 2023 00:24
 Operator : MA/JU
 Sample : 05794-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q9

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_P\Methods\SFAM-EPA-BP120123.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BP018923.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.787	115	119	126	rVV	157862	195533	1.18%	0.099%
2	7.010	656	667	682	rVB	767993	1335915	8.03%	0.676%
3	7.169	688	694	707	rVB	641814	978921	5.89%	0.495%
4	7.363	720	727	736	rVB	793758	1233178	7.41%	0.624%
5	7.834	797	807	815	rBV	862219	1384942	8.33%	0.700%
6	8.552	920	929	936	rBV	844479	1370895	8.24%	0.693%
7	8.657	942	947	957	rVB	206439	333188	2.00%	0.169%
8	8.993	997	1004	1012	rBV	706960	1145030	6.88%	0.579%
9	9.710	1118	1126	1139	rBV	558853	938718	5.64%	0.475%
10	10.251	1211	1218	1229	rBV	911193	1513535	9.10%	0.766%
11	10.628	1274	1282	1286	rBV	1100687	1801847	10.83%	0.911%
12	10.675	1286	1290	1297	rVV	695400	1146168	6.89%	0.580%
13	10.769	1297	1306	1329	rVB	469188	932365	5.61%	0.472%
14	12.287	1558	1564	1571	rVB	298231	451269	2.71%	0.228%
15	12.504	1595	1601	1611	rVB	232187	372590	2.24%	0.188%
16	13.298	1729	1736	1742	rBV2	112636	181273	1.09%	0.092%
17	13.639	1785	1794	1801	rBV4	94168	259844	1.56%	0.131%
18	13.787	1812	1819	1824	rBV	202896	361425	2.17%	0.183%
19	13.881	1830	1835	1845	rVB	1444319	1982610	11.92%	1.003%
20	14.022	1850	1859	1862	rVV2	108563	183136	1.10%	0.093%
21	14.157	1876	1882	1897	rVB2	1765912	3187119	19.16%	1.612%
22	14.463	1924	1934	1940	rBV	1452252	2268366	13.64%	1.147%
23	14.528	1940	1945	1952	rVV	813235	1223301	7.35%	0.619%
24	14.681	1964	1971	1979	rBV3	333886	620105	3.73%	0.314%
25	14.775	1979	1987	1991	rVV3	92144	186805	1.12%	0.094%
26	14.863	1992	2002	2010	rVV	637730	1017655	6.12%	0.515%
27	15.457	2097	2103	2108	rVV	2234052	3122764	18.77%	1.579%
28	15.510	2108	2112	2121	rVV	833458	1302417	7.83%	0.659%
29	15.586	2121	2125	2130	rVV2	247700	422176	2.54%	0.214%
30	15.633	2130	2133	2137	rVV2	130801	211396	1.27%	0.107%
31	15.675	2137	2140	2144	rVV2	142043	206913	1.24%	0.105%
32	15.804	2158	2162	2171	rVB	271134	430956	2.59%	0.218%
33	15.951	2183	2187	2196	rVB	299389	577677	3.47%	0.292%
34	16.186	2222	2227	2233	rVB4	123010	214704	1.29%	0.109%
35	16.492	2272	2279	2280	rBV2	143825	210709	1.27%	0.107%
36	16.522	2281	2284	2288	rVV2	192099	285150	1.71%	0.144%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018923.D
 Acq On : 19 Dec 2023 00:24
 Operator : MA/JU
 Sample : 05794-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q9

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_P\Methods\SFAM-EPA-BP120123.MA.M
 Title : SVOA CALIBRATION

37	16.745	2314	2322	2326	rBV3	171865	346716	2.08%	0.175%
38	16.869	2339	2343	2350	rVB	409486	615845	3.70%	0.311%
39	16.945	2351	2356	2358	rBV2	179506	282707	1.70%	0.143%
40	17.033	2367	2371	2380	rVB	492287	731088	4.40%	0.370%
41	17.216	2396	2402	2405	rBV	1658760	2372067	14.26%	1.200%
42	17.263	2405	2410	2415	rVV	8670694	12465189	74.94%	6.305%
43	17.316	2415	2419	2422	rVV	2335632	3376978	20.30%	1.708%
44	17.351	2422	2425	2430	rVV	1853611	2380232	14.31%	1.204%
45	17.404	2430	2434	2440	rVB3	197572	350771	2.11%	0.177%
46	17.622	2462	2471	2476	rBV2	803286	1716311	10.32%	0.868%
47	17.739	2487	2491	2496	rVB2	232319	296125	1.78%	0.150%
48	17.798	2497	2501	2509	rVB4	181684	329998	1.98%	0.167%
49	18.086	2544	2550	2552	rVV	1119500	1586536	9.54%	0.802%
50	18.133	2555	2558	2563	rVB	1601814	2048146	12.31%	1.036%
51	18.210	2567	2571	2576	rVB	521171	684339	4.11%	0.346%
52	18.275	2576	2582	2586	rBV2	1570582	2873141	17.27%	1.453%
53	18.310	2586	2588	2594	rVB	838313	887761	5.34%	0.449%
54	18.386	2597	2601	2604	rBV4	137506	181102	1.09%	0.092%
55	18.522	2619	2624	2628	rBV5	346038	512316	3.08%	0.259%
56	18.569	2628	2632	2636	rVV	907559	1161369	6.98%	0.587%
57	18.616	2636	2640	2645	rVB	984612	1293736	7.78%	0.654%
58	18.810	2669	2673	2677	rVV2	257152	331920	2.00%	0.168%
59	18.857	2677	2681	2684	rVV	226825	264946	1.59%	0.134%
60	18.892	2684	2687	2691	rVB2	254987	298654	1.80%	0.151%
61	18.974	2696	2701	2707	rBV2	586048	1186553	7.13%	0.600%
62	19.039	2709	2712	2714	rVV4	160139	184803	1.11%	0.093%
63	19.110	2720	2724	2733	rBV2	684003	1221460	7.34%	0.618%
64	19.233	2739	2745	2751	rVB	12142918	16633511	100.00%	8.413%
65	19.292	2752	2755	2758	rBV	160141	206425	1.24%	0.104%
66	19.333	2758	2762	2766	rBV2	360882	687481	4.13%	0.348%
67	19.374	2766	2769	2773	rVB	323121	387403	2.33%	0.196%
68	19.427	2774	2778	2780	rBV2	199452	276213	1.66%	0.140%
69	19.469	2781	2785	2788	rVB	344460	466465	2.80%	0.236%
70	19.557	2794	2800	2802	rBV3	4864773	7070666	42.51%	3.576%
71	19.586	2802	2805	2812	rVB	10777534	14807690	89.02%	7.490%
72	19.651	2812	2816	2821	rBV2	590537	853358	5.13%	0.432%
73	19.757	2830	2834	2840	rVB	620314	852246	5.12%	0.431%
74	19.816	2840	2844	2849	rVB	526431	760165	4.57%	0.384%
75	19.910	2853	2860	2865	rBV3	771590	1884896	11.33%	0.953%
76	20.027	2875	2880	2882	rBV3	637989	1049626	6.31%	0.531%

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018923.D
 Acq On : 19 Dec 2023 00:24
 Operator : MA/JU
 Sample : 05794-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q9

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_P\Methods\SFAM-EPA-BP120123.MA.M
 Title : SVOA CALIBRATION

77	20.063	2883	2886	2891	rVB	1324591	1836561	11.04%	0.929%
78	20.163	2899	2903	2906	rBV	773538	1060509	6.38%	0.536%
79	20.221	2909	2913	2917	rVB2	1004018	1525563	9.17%	0.772%
80	20.304	2923	2927	2932	rBV3	281104	519973	3.13%	0.263%
81	20.357	2932	2936	2939	rVV	669863	817322	4.91%	0.413%
82	20.404	2940	2944	2947	rVB	719261	904587	5.44%	0.458%
83	20.616	2976	2980	2983	rBV2	433107	641956	3.86%	0.325%
84	20.798	3007	3011	3017	rBV	1178255	1531039	9.20%	0.774%
85	20.957	3033	3038	3042	rBV2	845086	1607979	9.67%	0.813%
86	20.998	3042	3045	3048	rVV	1372734	1877964	11.29%	0.950%
87	21.039	3049	3052	3056	rVV2	1109882	1828834	10.99%	0.925%
88	21.092	3057	3061	3071	rVB	1196605	1762102	10.59%	0.891%
89	21.298	3091	3096	3101	rBV3	7100080	12275934	73.80%	6.209%
90	21.345	3101	3104	3114	rVB	5841667	8507116	51.14%	4.303%
91	21.468	3121	3125	3130	rBV	856849	1192064	7.17%	0.603%
92	21.874	3192	3194	3198	rVB	950251	1173560	7.06%	0.594%
93	22.080	3226	3229	3233	rBV	669014	972381	5.85%	0.492%
94	22.963	3373	3379	3384	rBV	4428033	10948866	65.82%	5.538%
95	23.145	3406	3410	3416	rVB	905495	1448407	8.71%	0.733%
96	23.480	3461	3467	3471	rBV	2275261	4687652	28.18%	2.371%
97	23.533	3472	3476	3479	rVV2	2044061	3742985	22.50%	1.893%
98	23.580	3479	3484	3492	rVB	4331818	8352250	50.21%	4.225%
99	23.680	3497	3501	3506	rBV	1387696	2420301	14.55%	1.224%
100	26.151	3914	3921	3932	rVB2	2183768	6565216	39.47%	3.321%

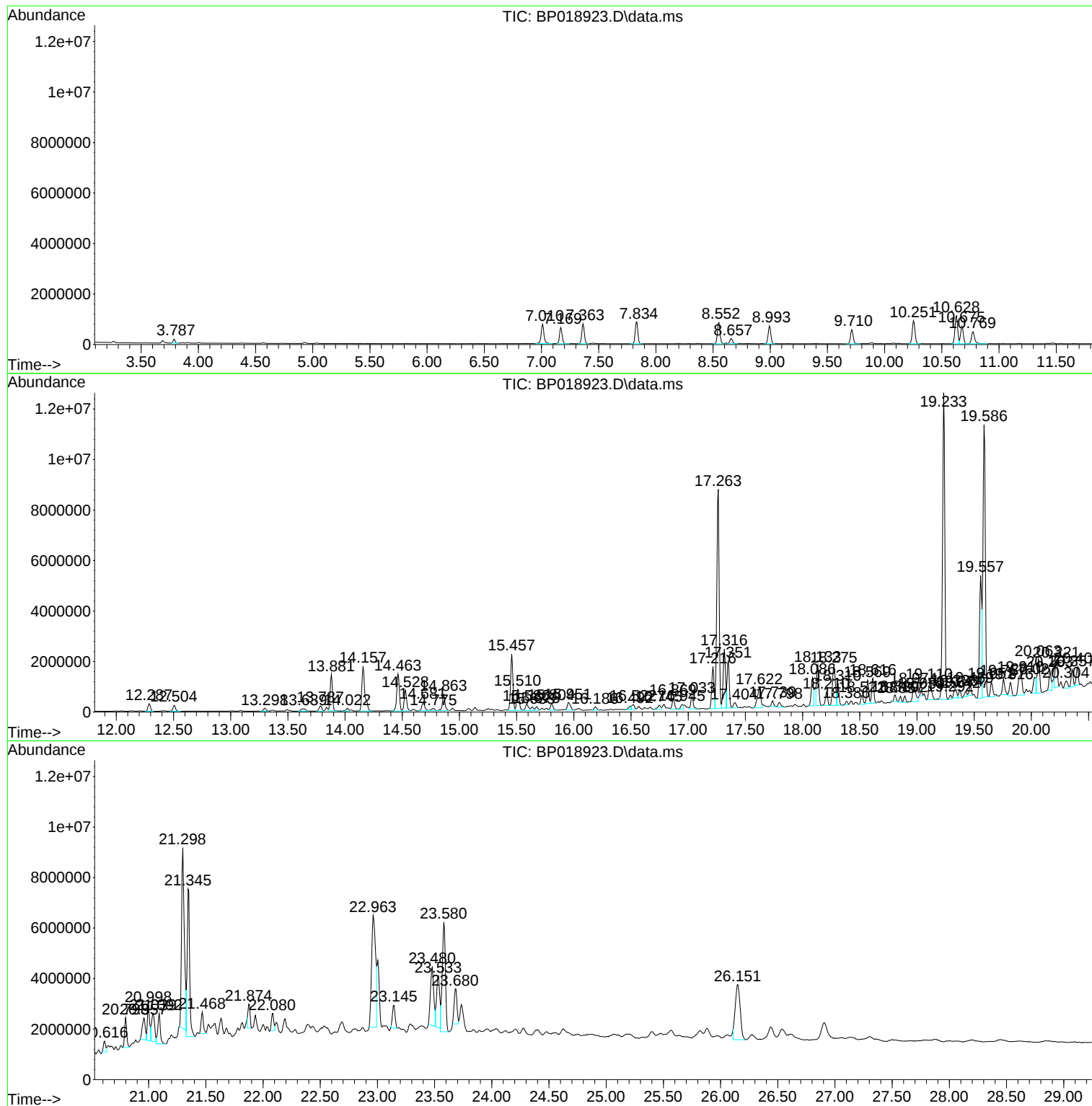
Sum of corrected areas: 197708670

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

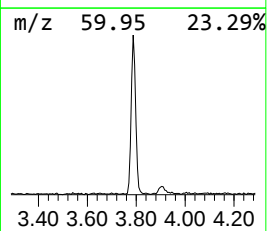
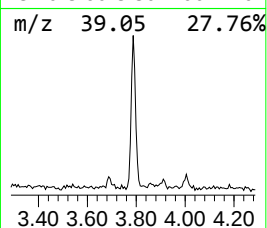
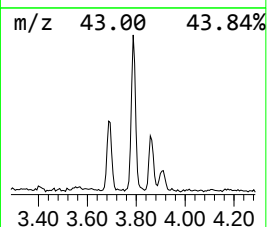
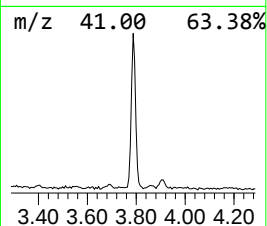
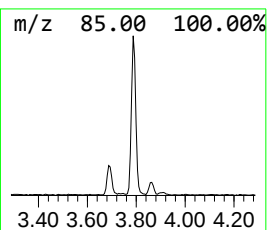
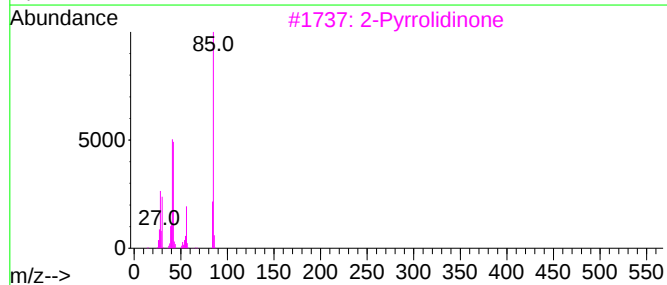
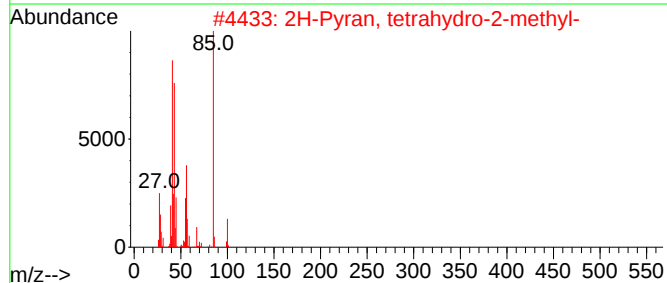
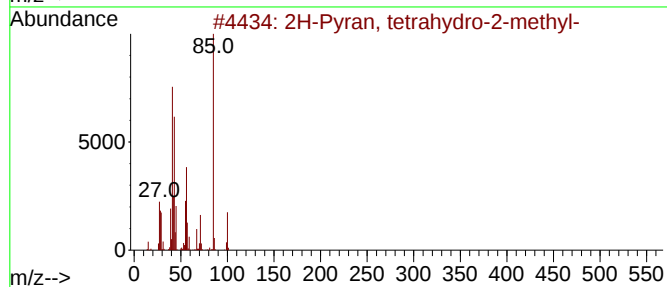
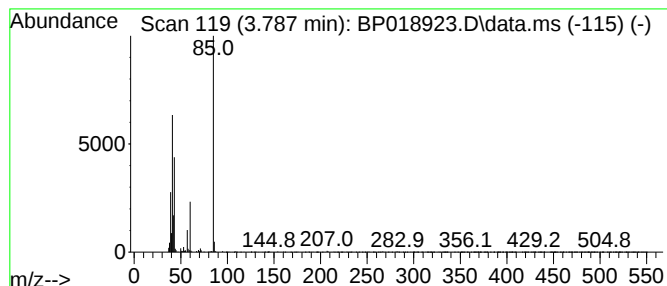
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 unknown-01 Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.787	2.82 ng/ul	195533	1,4-Dichlorobenzene-d4	7.834

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	38
2	2H-Pyran, tetrahydro-2-methyl-			100	C6H12O	010141-72-7	38
3	2-Pyrrolidinone			85	C4H7NO	000616-45-5	9
4	2-Pyrrolidinone			85	C4H7NO	000616-45-5	9
5	2H-Pyran, 2-(3-butinyloxy)tetrah...			154	C9H14O2	040365-61-5	9



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

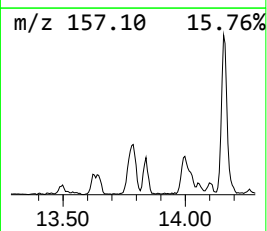
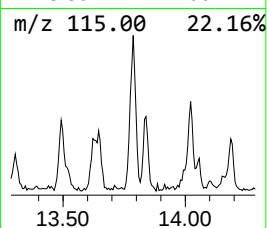
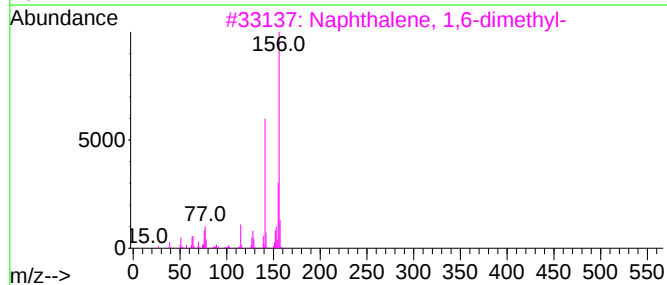
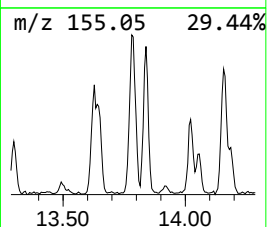
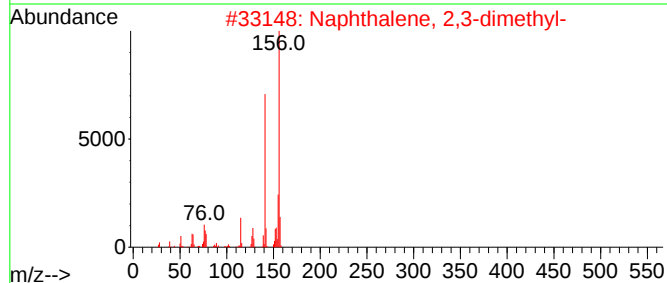
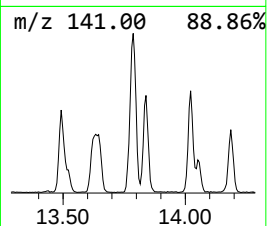
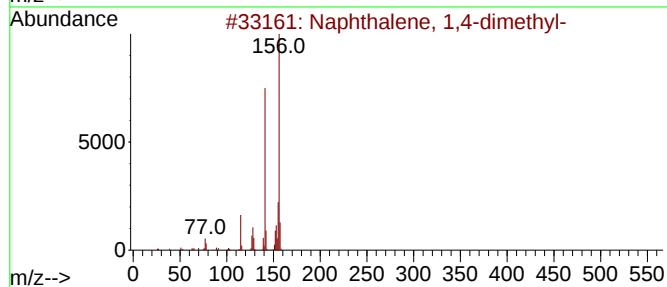
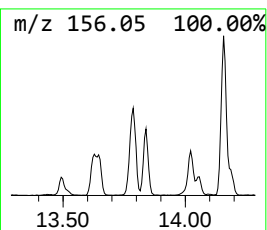
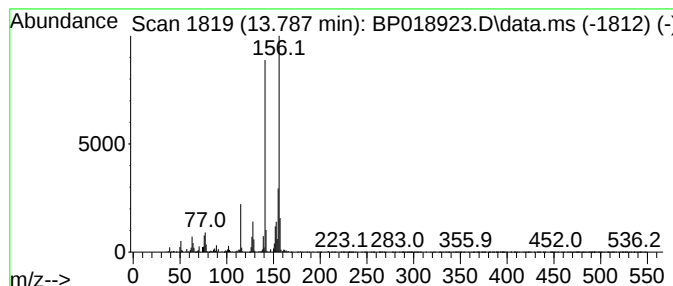
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.787	3.19 ng/ul	361425	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3			Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4			Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5			Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

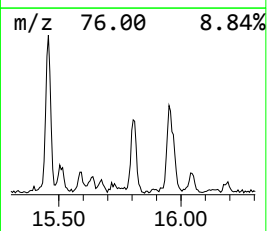
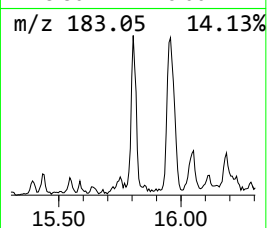
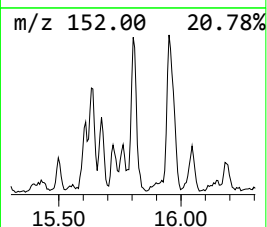
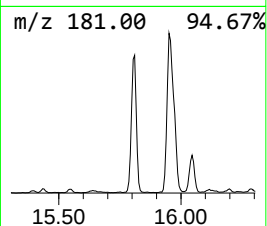
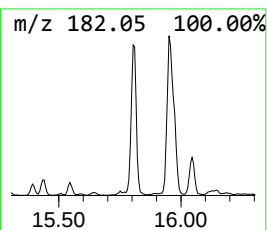
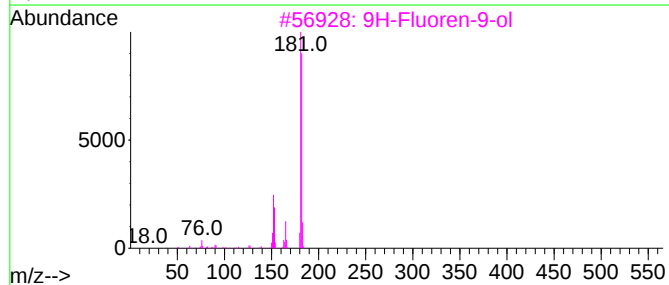
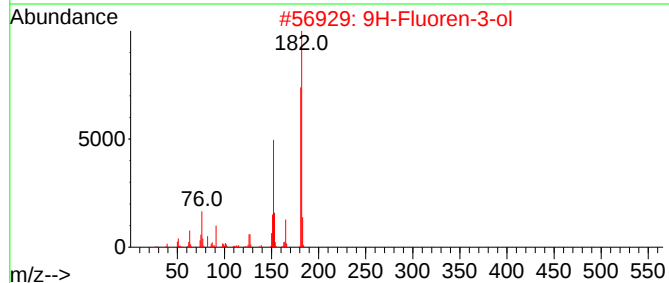
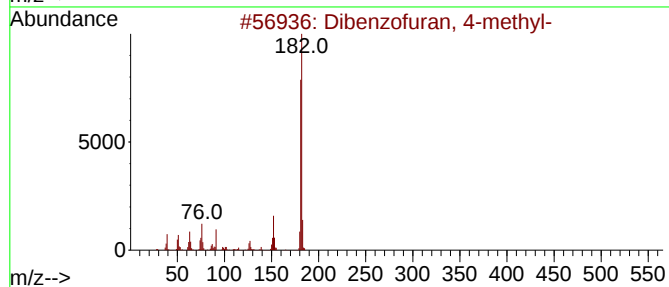
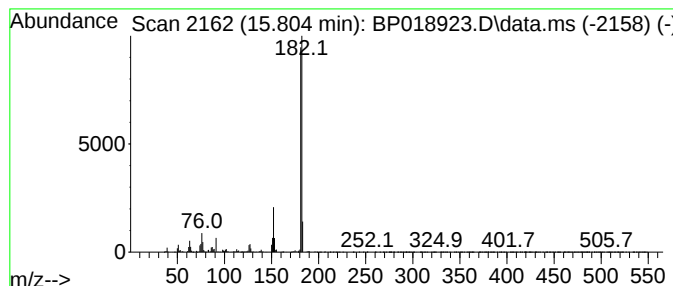
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.804	3.80 ng/ul	430956	Acenaphthene-d10	14.463

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	72
5			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

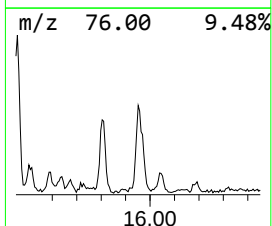
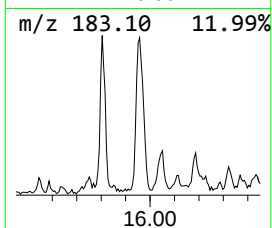
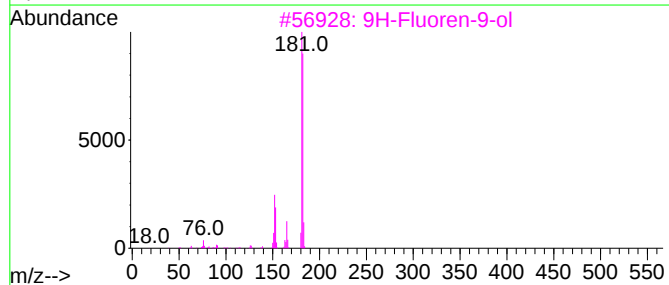
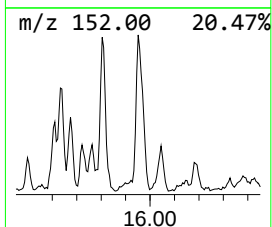
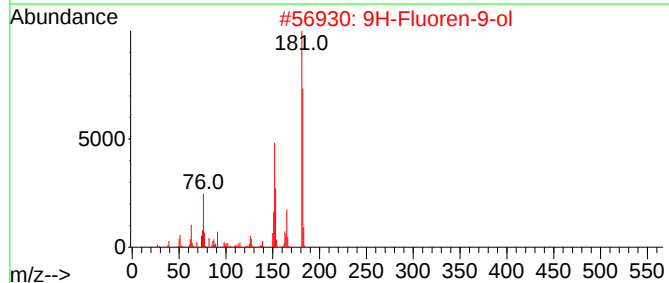
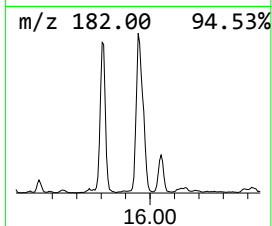
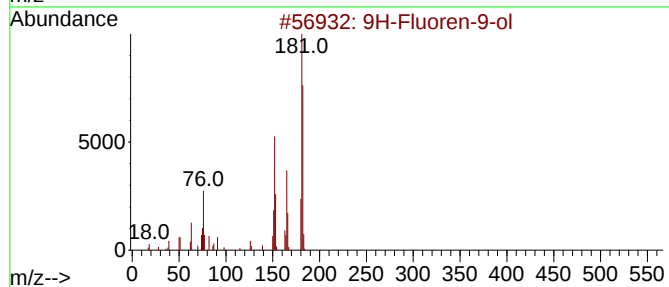
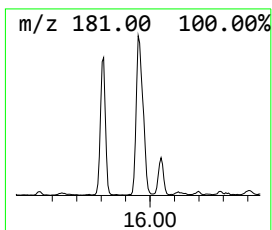
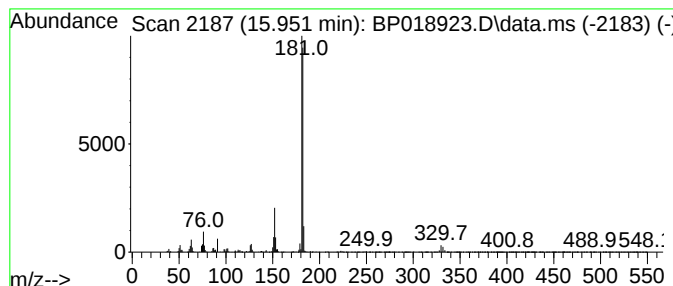
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 9H-Fluoren-9-ol Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.951	4.87 ng/ul	577677	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
2			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
3			9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4			3-(2-Naphthyl)acrylaldehyde	182	C13H10O	020884-05-3	72
5			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

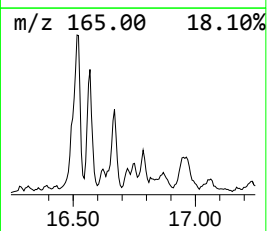
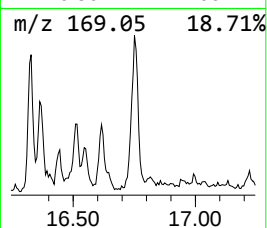
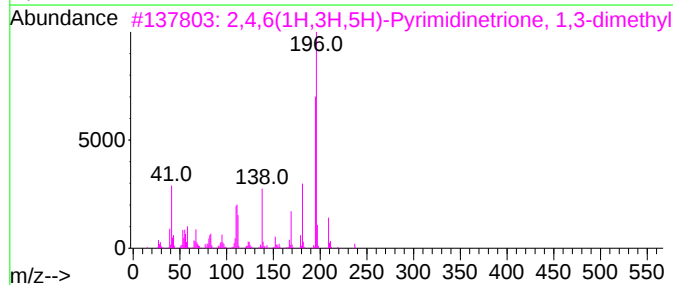
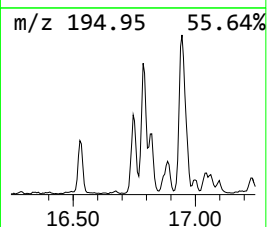
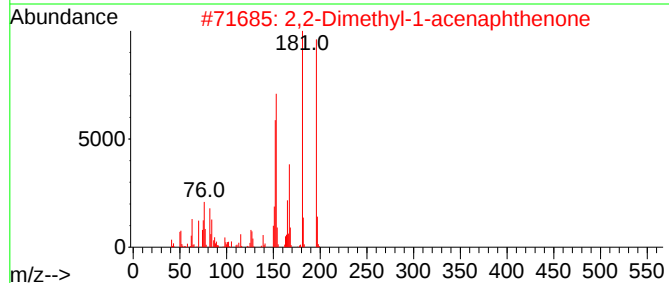
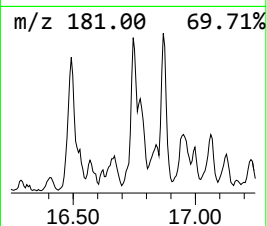
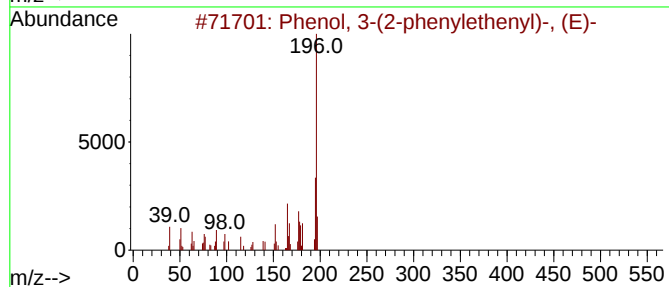
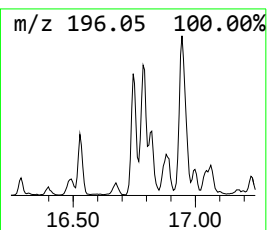
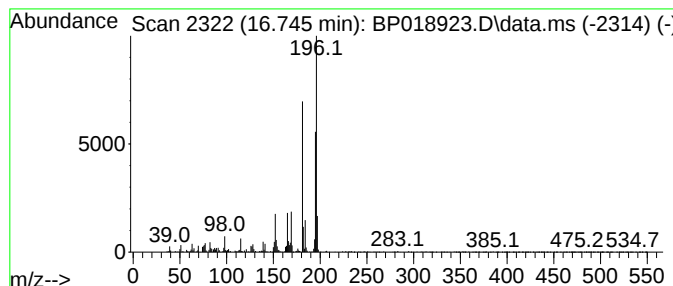
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 Phenol, 3-(2-phenylethenyl)... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.745	2.92 ng/ul	346716	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 3-(2-phenylethenyl)-, (E)-	196	C14H12O	017861-18-6	64
2			2,2-Dimethyl-1-acenaphthenone	196	C14H12O	018086-43-6	64
3			2,4,6(1H,3H,5H)-Pyrimidinetrione...	252	C13H20N2O3	055045-04-0	58
4			2-[2-Phenylethenyl]phenol	196	C14H12O	042224-48-6	58
5			4,5-Dimethoxy-2-hydroxyacetophenone	196	C10H12O4	020628-06-2	53



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

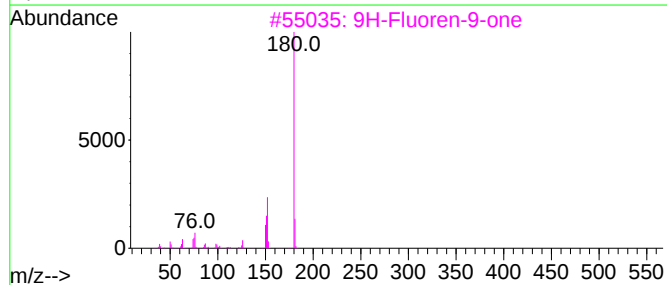
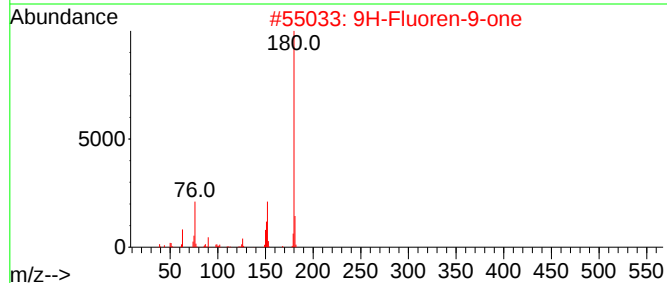
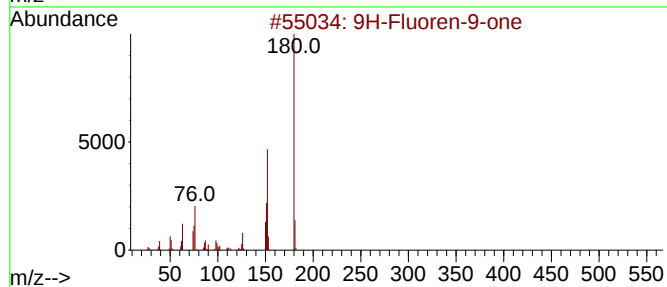
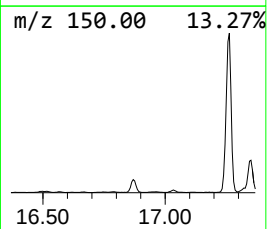
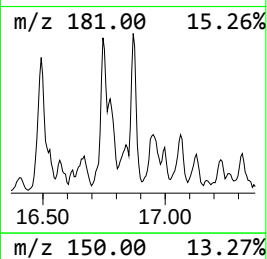
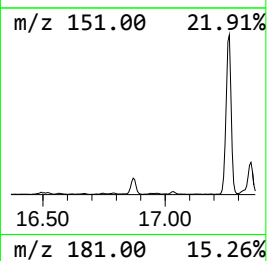
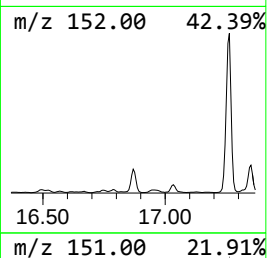
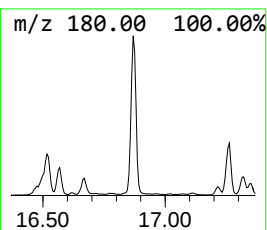
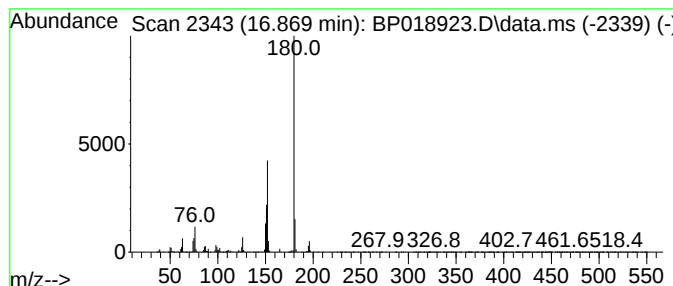
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 8 9H-Fluoren-9-one Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.869	5.19 ng/ul	615845	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one			180	C13H8O	000486-25-9	97
2	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one			180	C13H8O	000486-25-9	95
5	9H-Fluoren-9-one			180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

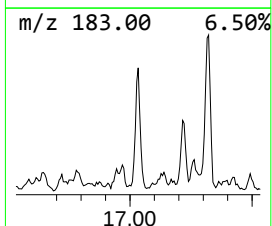
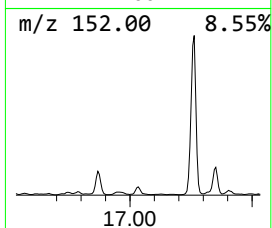
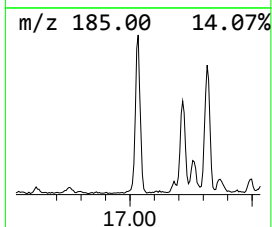
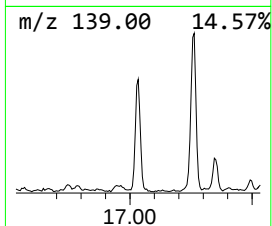
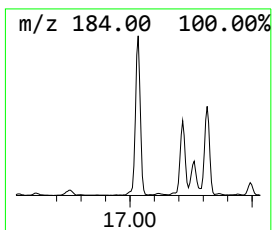
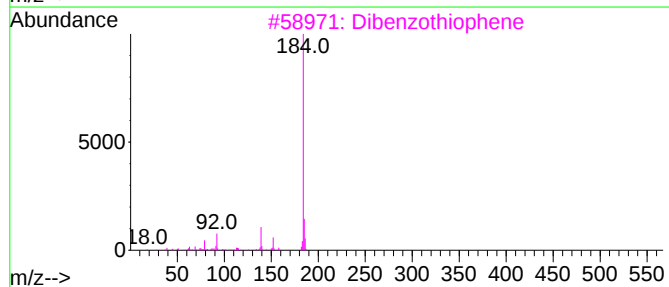
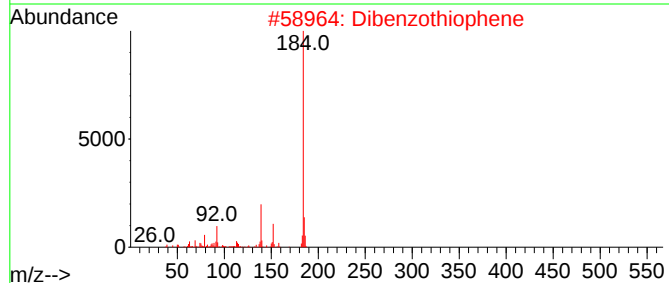
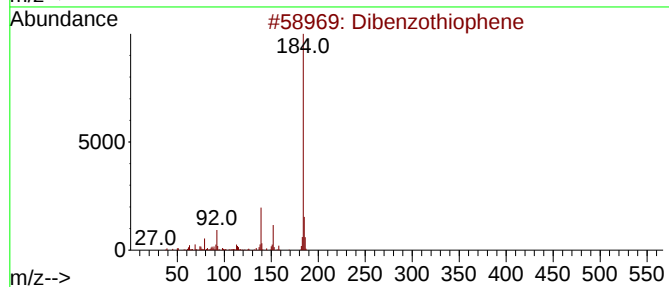
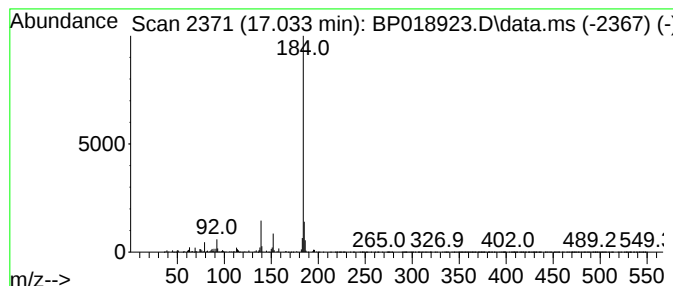
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 10 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.033	6.16 ng/ul	731088	Phenanthrene-d10	17.216

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

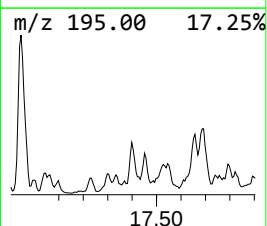
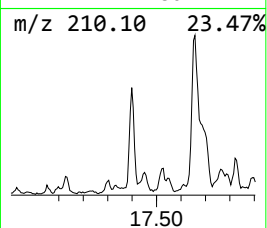
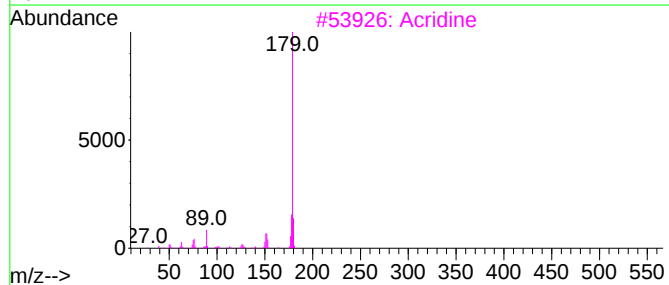
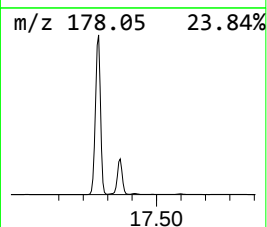
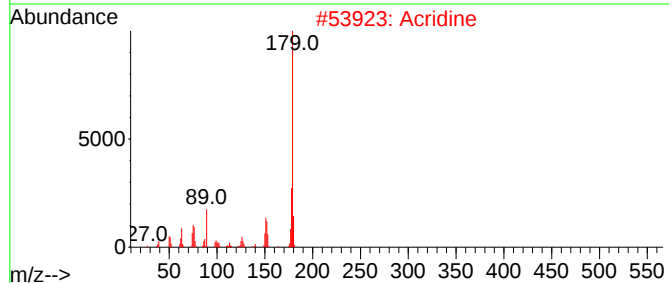
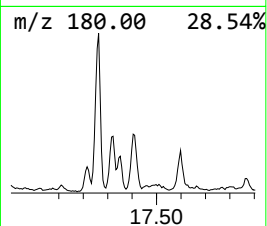
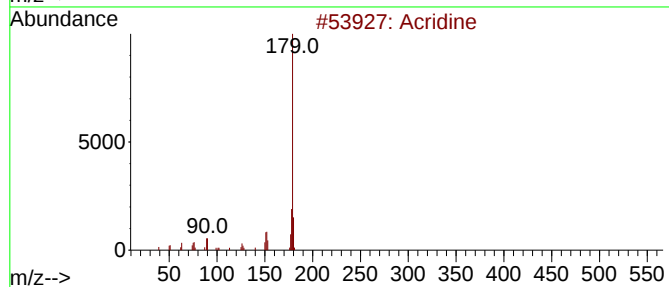
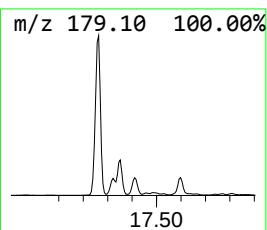
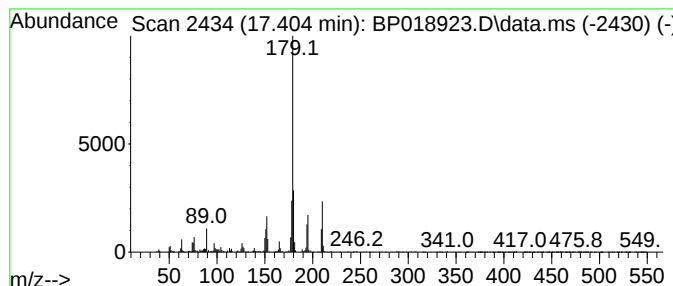
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 Acridine Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.404	2.96 ng/ul	350771	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Acridine	179	C13H9N	000260-94-6	70
2			Acridine	179	C13H9N	000260-94-6	70
3			Acridine	179	C13H9N	000260-94-6	64
4			Acridine	179	C13H9N	000260-94-6	64
5			Benzo[f]quinoline	179	C13H9N	000085-02-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

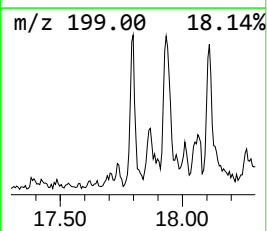
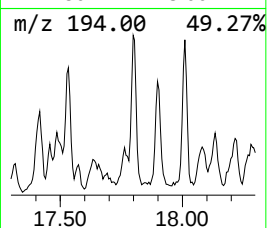
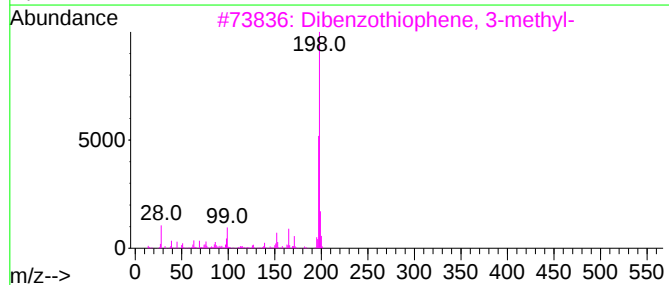
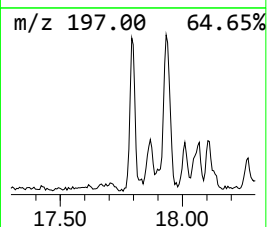
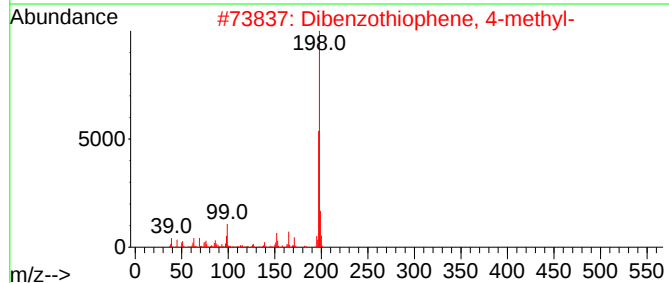
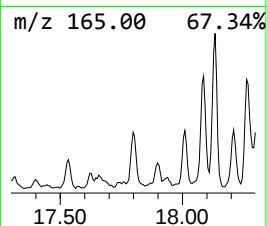
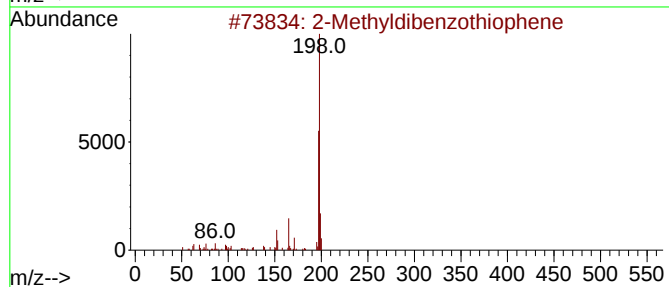
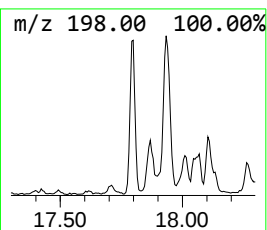
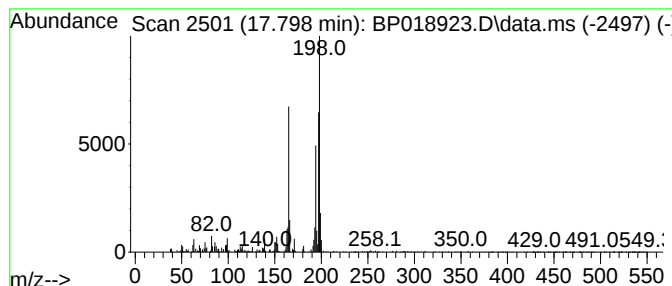
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 2-Methyldibenzothiophene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.798	2.78 ng/ul	329998	Phenanthrene-d10	17.216

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	64
2		Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	53
3		Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	46
4		Tacrine	198	C13H14N2	000321-64-2	46
5		Tacrine	198	C13H14N2	000321-64-2	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

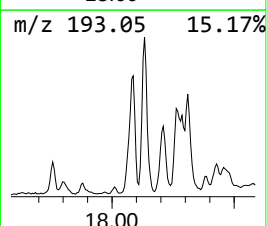
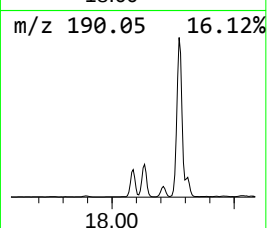
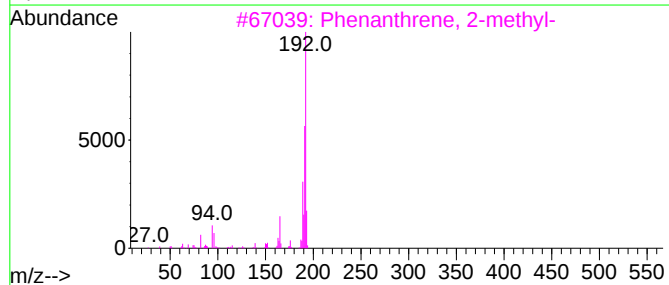
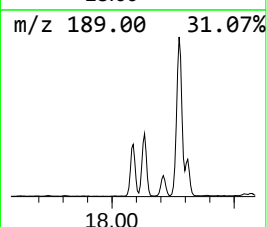
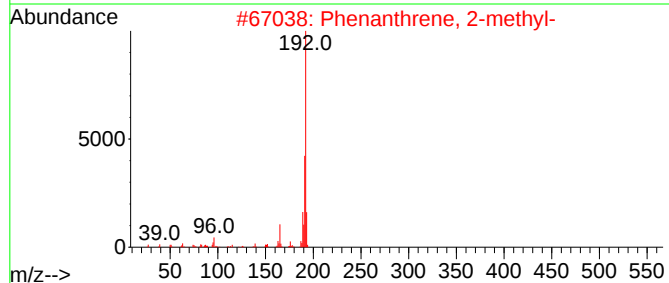
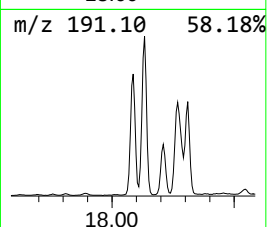
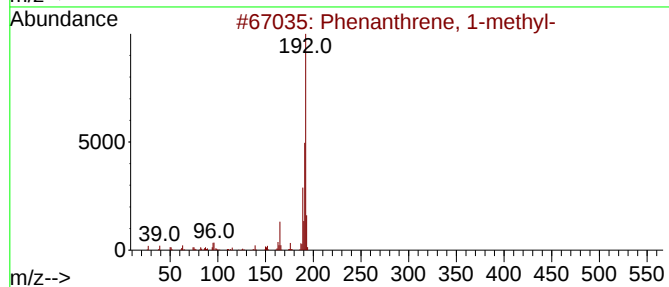
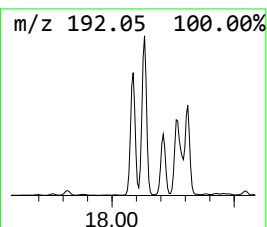
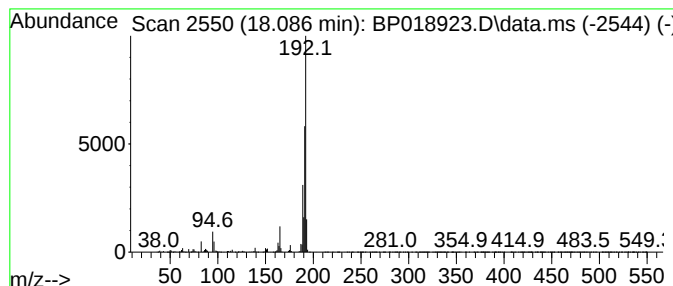
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	13.38 ng/ul	1586540	Phenanthrene-d10	17.216

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

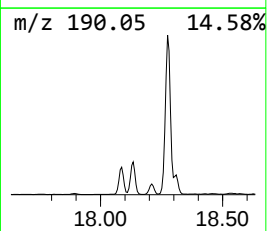
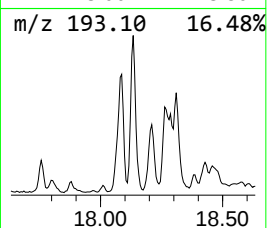
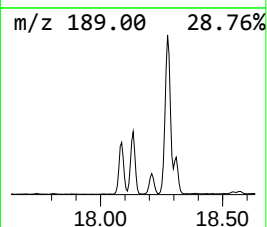
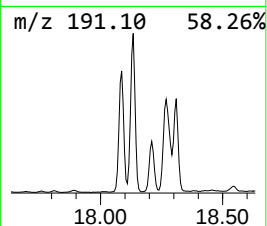
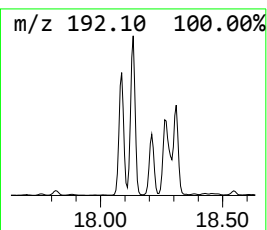
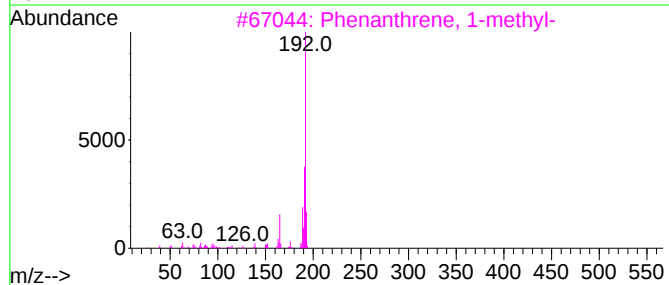
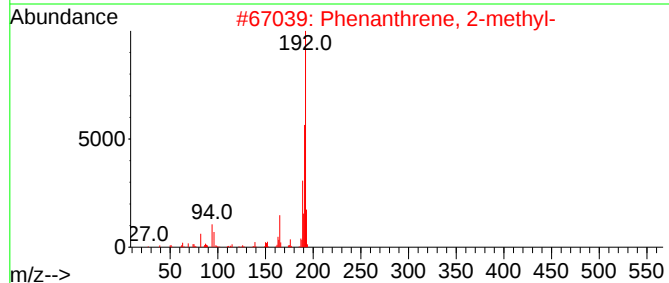
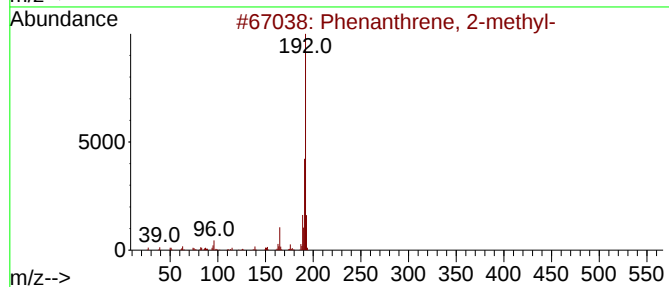
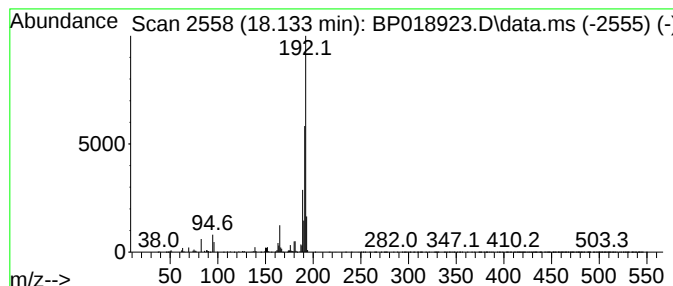
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.133	17.27 ng/ul	2048150	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

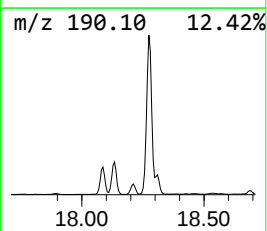
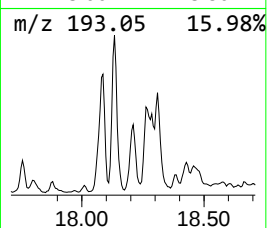
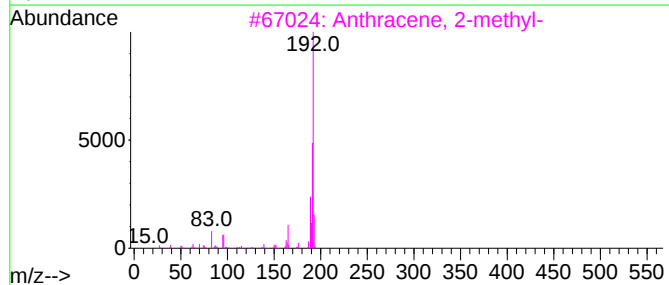
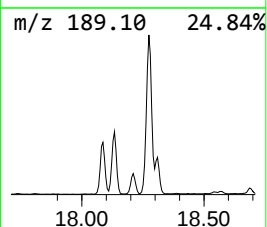
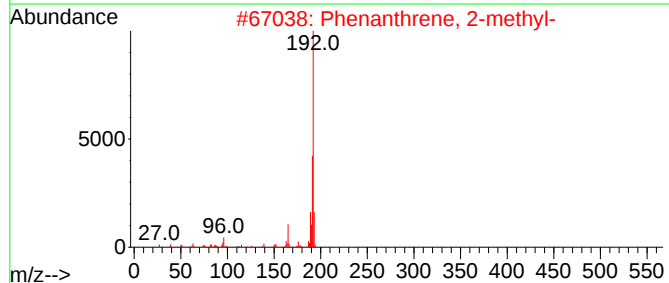
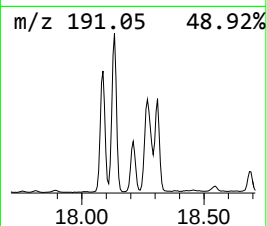
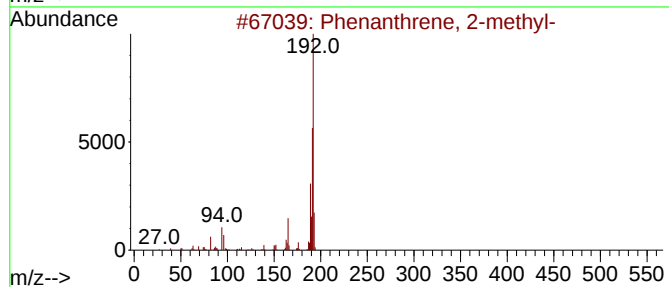
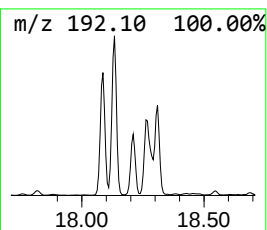
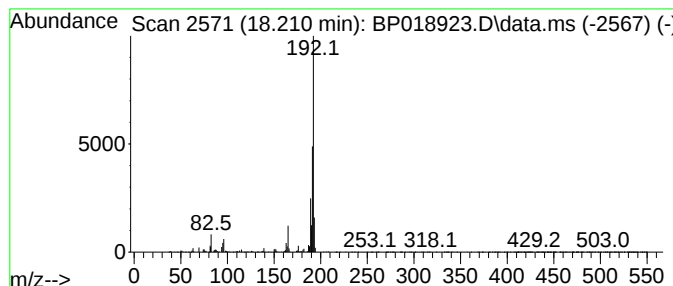
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 16 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	5.77 ng/ul	684339	Phenanthrene-d10	17.216

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

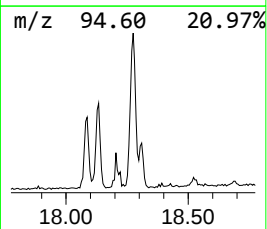
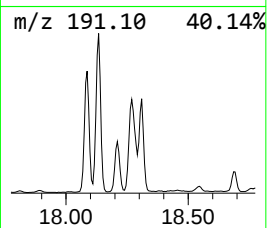
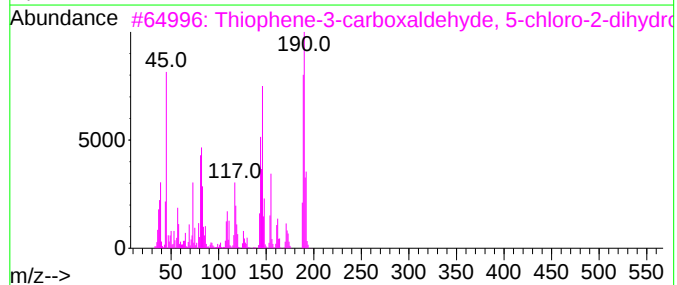
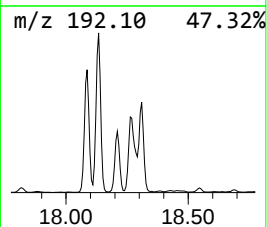
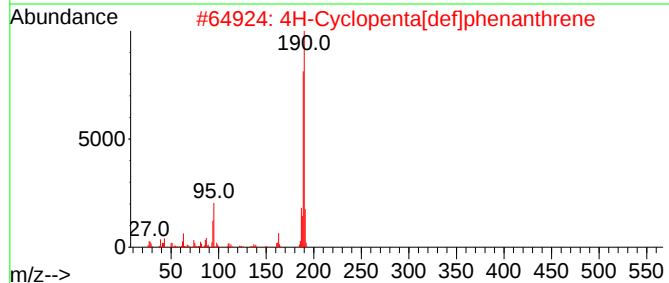
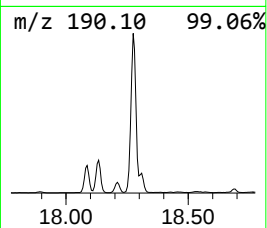
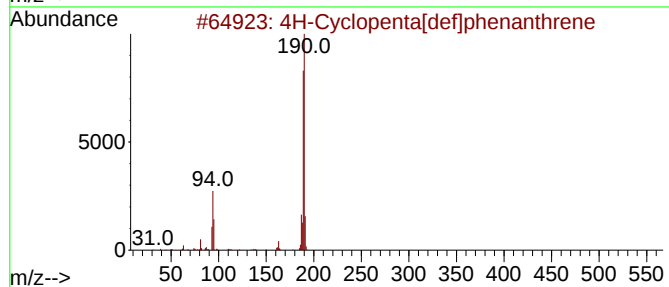
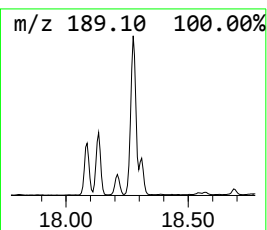
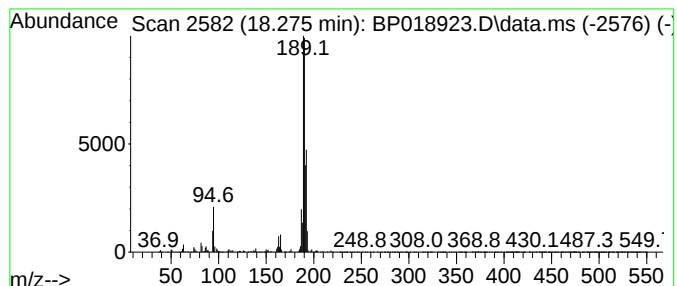
Instrument :
BNA_P
ClientSampleId :
BH3Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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 2

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.275	24.22 ng/ul	2873140	Phenanthrene-d10			17.216
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	53
3	Thiophene-3-carboxaldehyde, 5-ch...		190	C5H4BClO3S	036155-87-0	50
4	4H-Cyclopenta[def]phenanthrene		190	C15H10	000203-64-5	43
5	6H-Cyclobuta[jk]phenanthrene		190	C15H10	083469-43-6	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

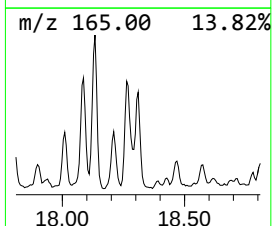
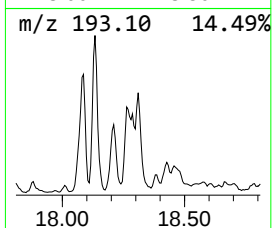
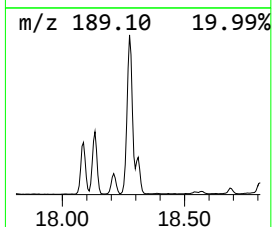
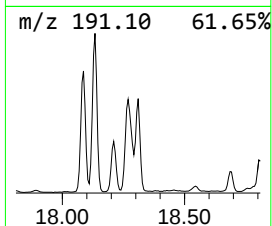
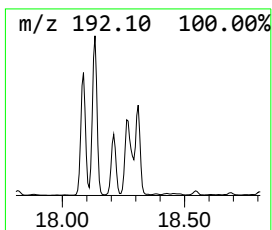
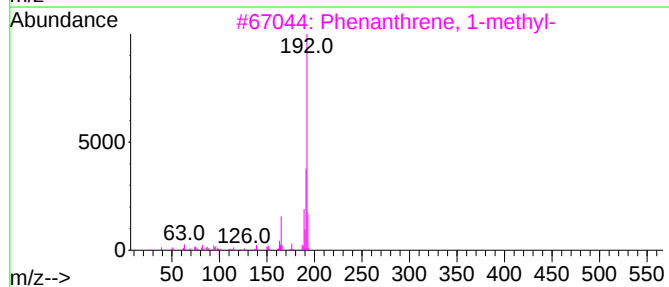
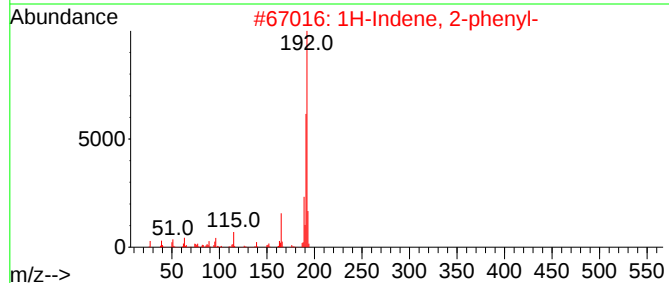
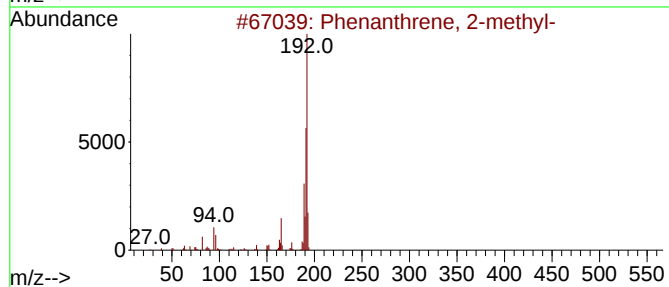
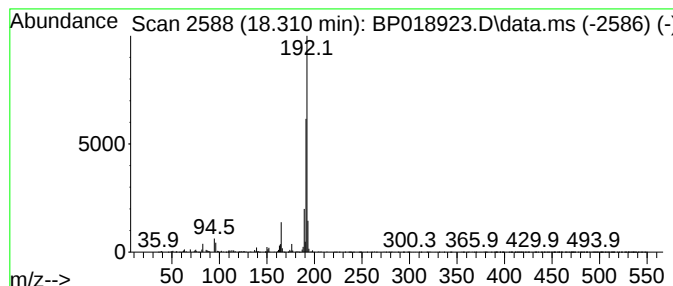
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.310	7.49 ng/ul	887761	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	89
5			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

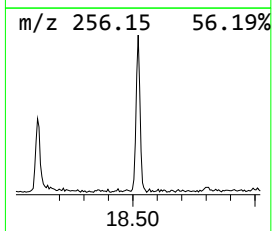
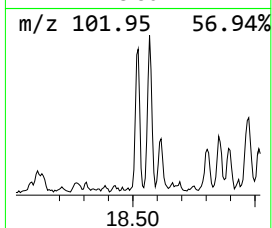
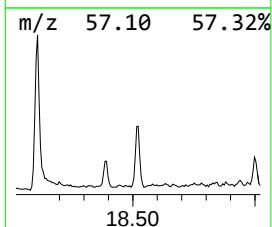
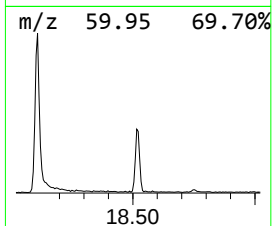
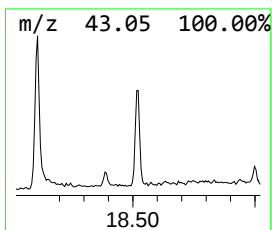
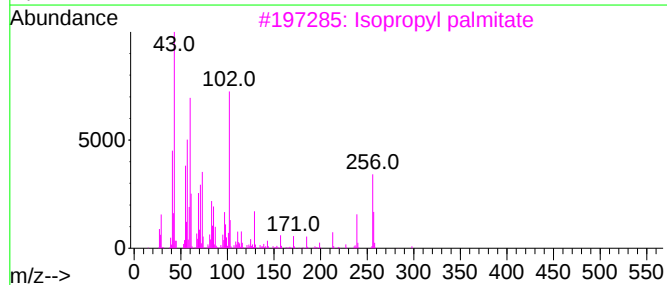
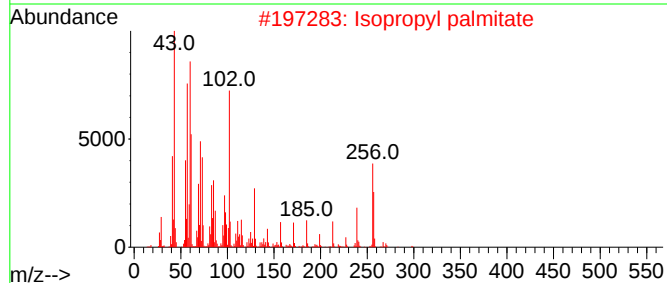
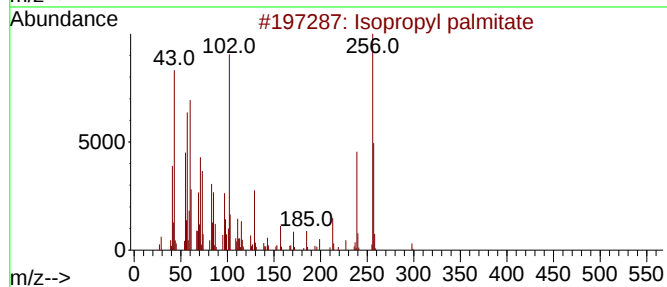
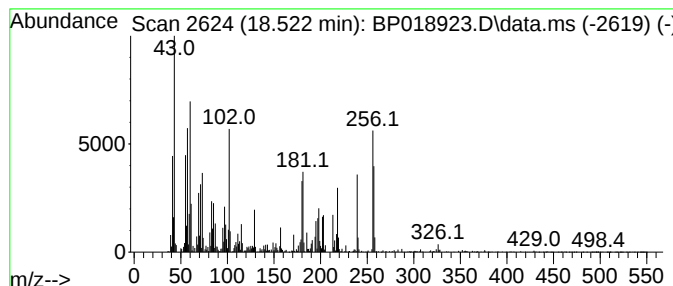
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 Isopropyl palmitate Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.522	4.32 ng/ul	512316	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Isopropyl palmitate	298	C19H38O2	000142-91-6	70
2			Isopropyl palmitate	298	C19H38O2	000142-91-6	62
3			Isopropyl palmitate	298	C19H38O2	000142-91-6	58
4			Isopropyl palmitate	298	C19H38O2	000142-91-6	55
5			i-Propyl 14-methyl-pentadecanoate	298	C19H38O2	1000336-62-4	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

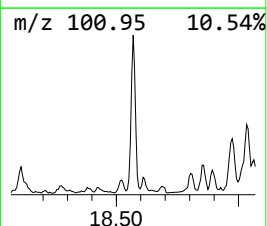
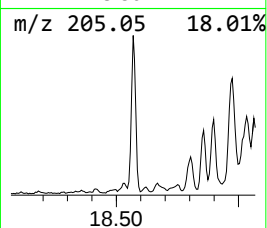
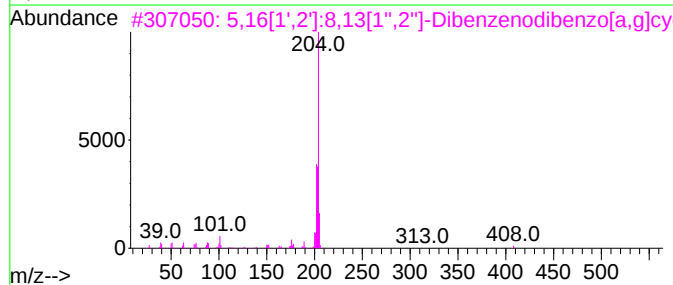
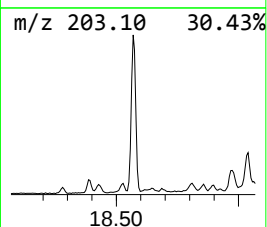
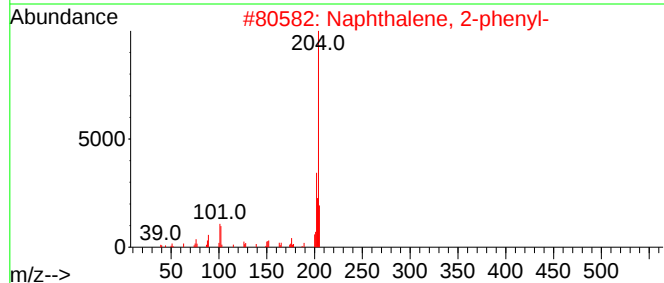
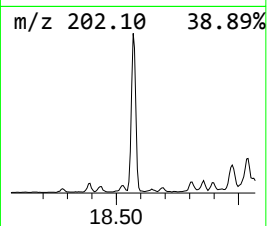
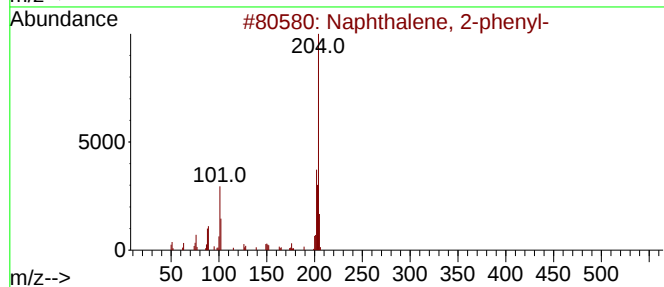
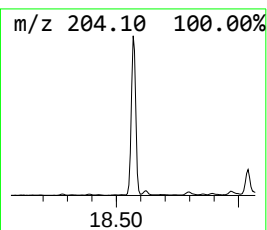
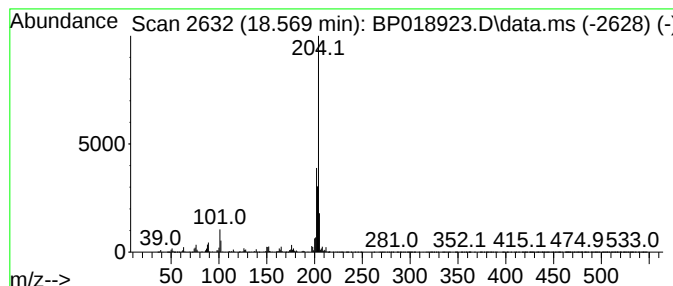
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.569	9.79 ng/ul	1161370	Phenanthrene-d10	17.216

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	91
3		5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
4		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
5		Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

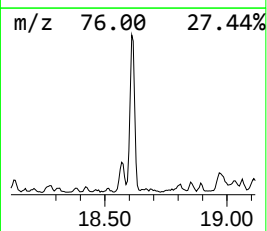
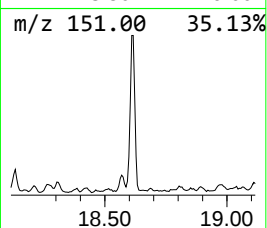
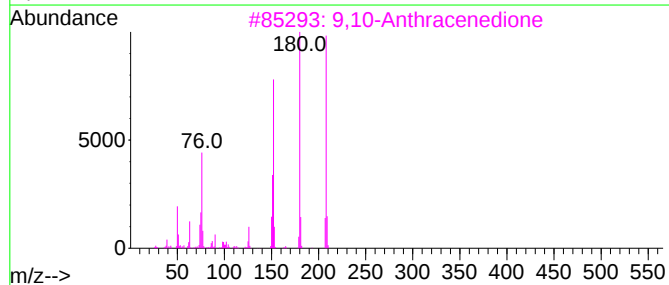
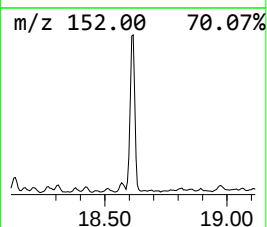
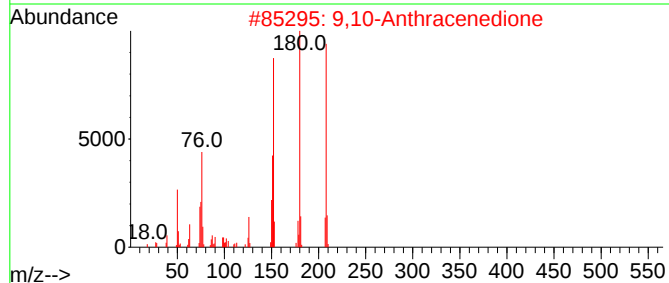
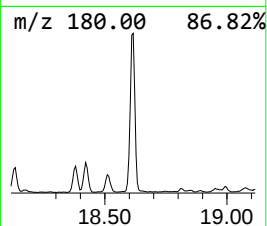
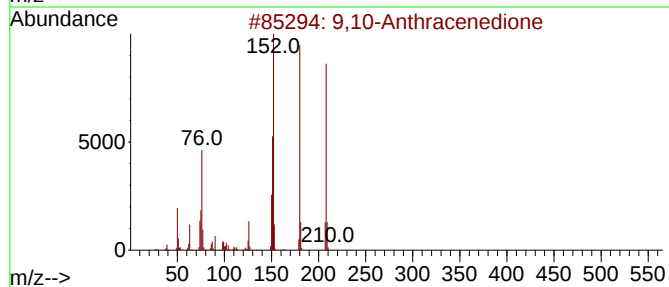
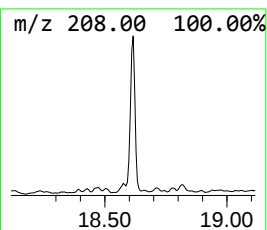
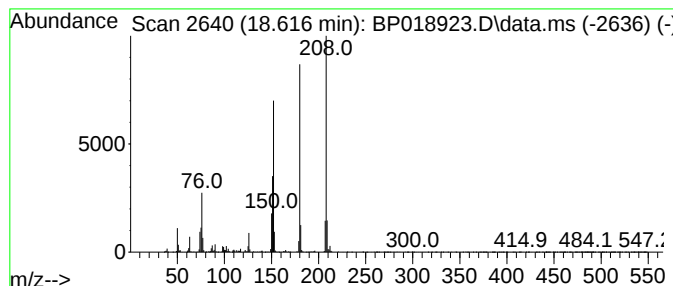
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 9,10-Anthracenedione Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.616	10.91 ng/ul	1293740	Phenanthrene-d10	17.216

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	96
4	9,10-Anthracenedione			208	C14H8O2	000084-65-1	95
5	1H-Phenalen-1-one			180	C13H8O	000548-39-0	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

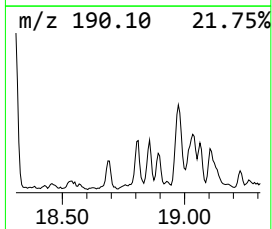
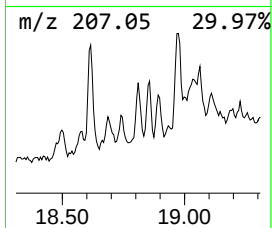
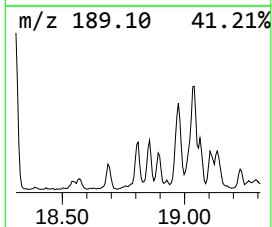
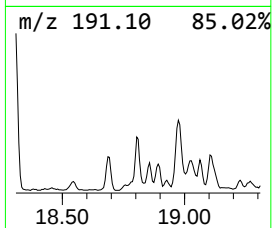
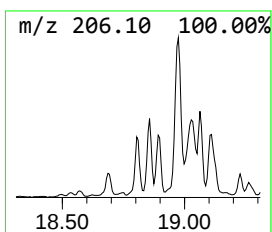
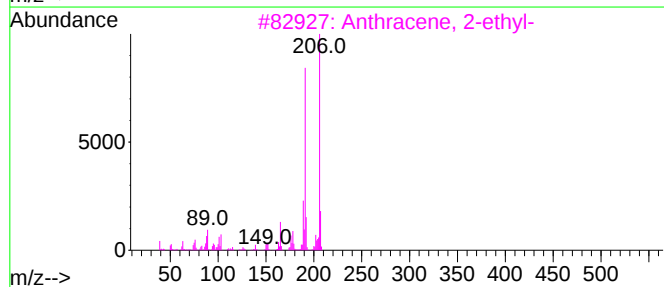
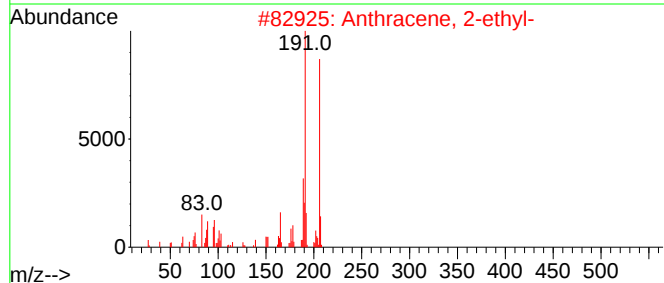
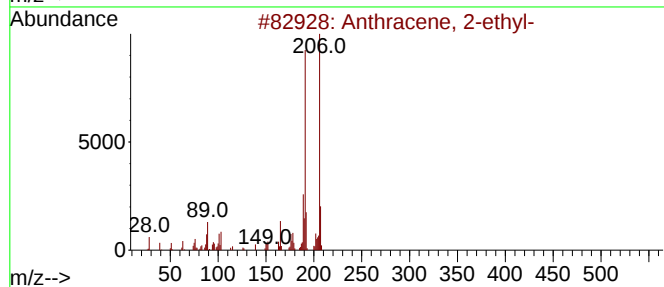
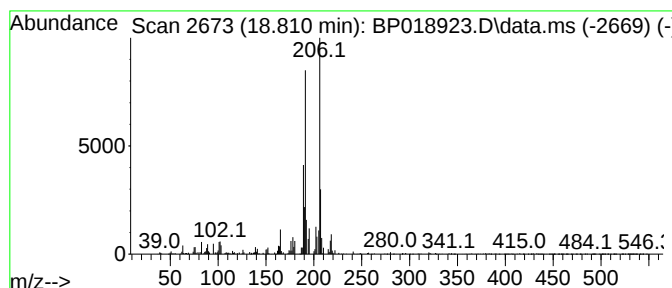
Instrument :
BNA_P
ClientSampleId :
BH3Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 22 Anthracene, 2-ethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.810	2.80 ng/ul	331920	Phenanthrene-d10	17.216	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
2	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
3	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	89
4	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	87
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

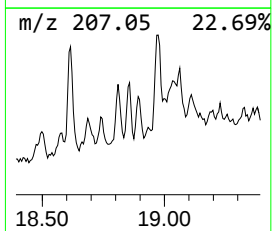
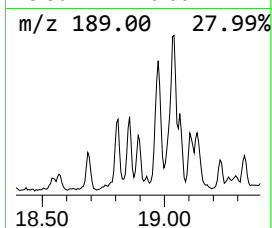
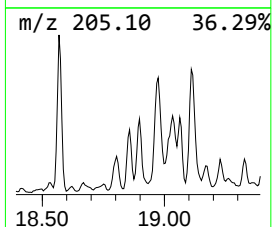
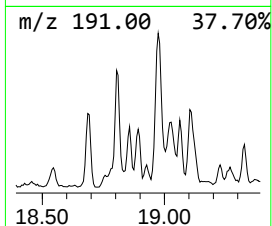
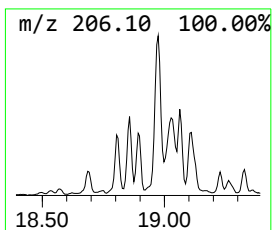
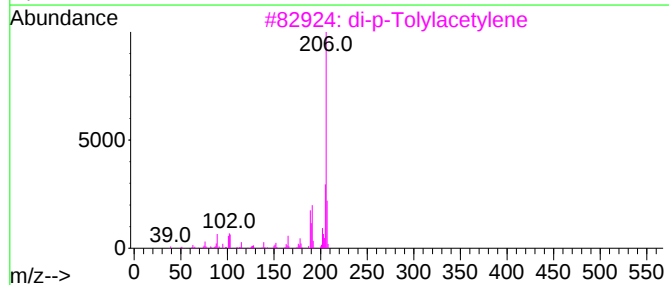
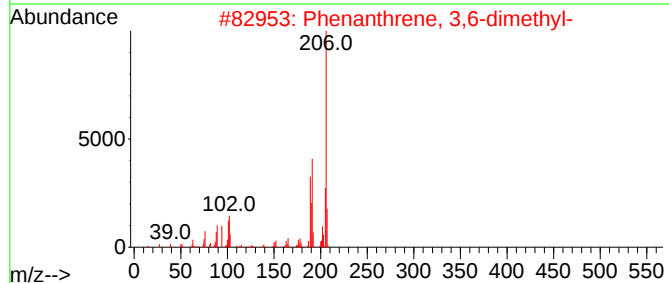
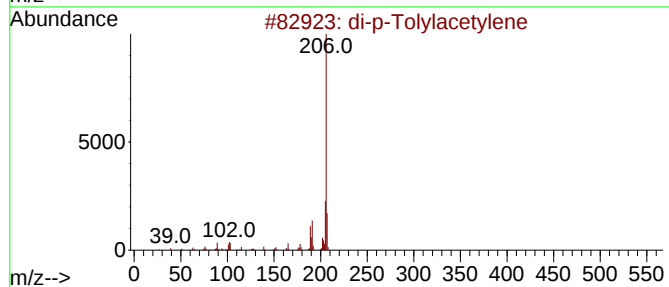
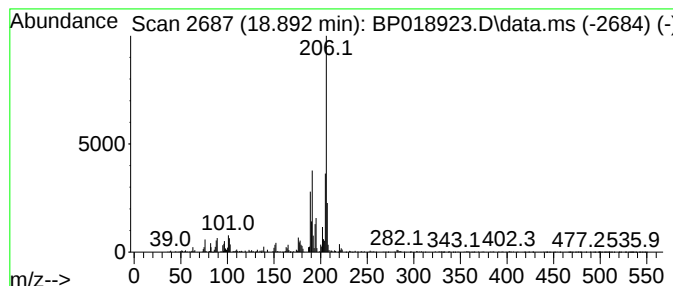
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 di-p-Tolylacetylene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.892	2.52 ng/ul	298654	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
3			di-p-Tolylacetylene	206	C16H14	002789-88-0	86
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	81
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

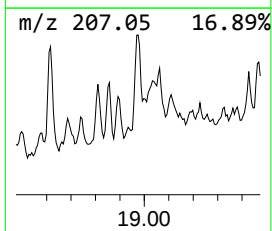
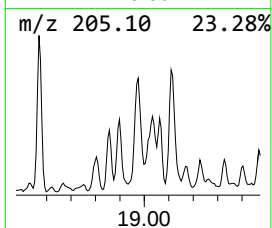
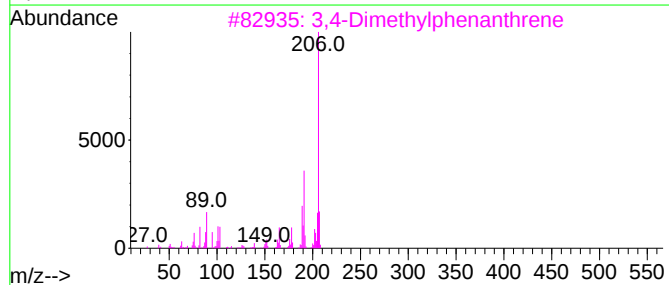
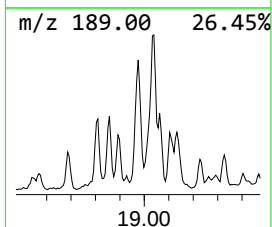
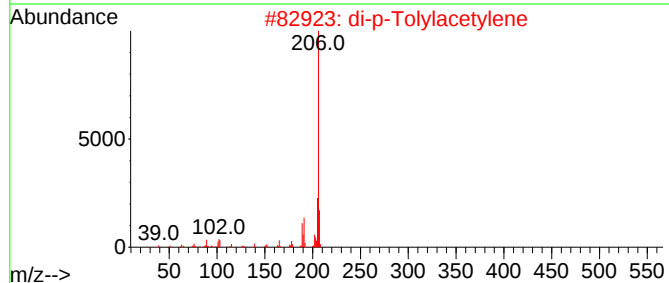
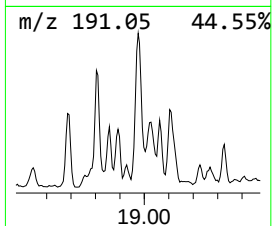
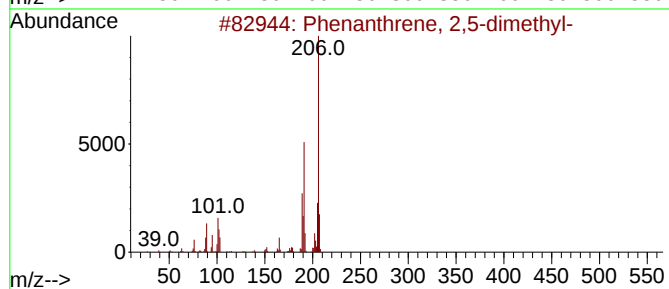
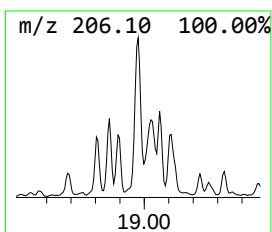
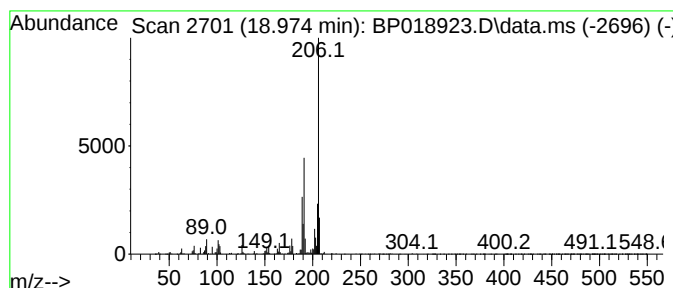
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.974	10.00 ng/ul	1186550	Phenanthrene-d10	17.216

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2			di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3			3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

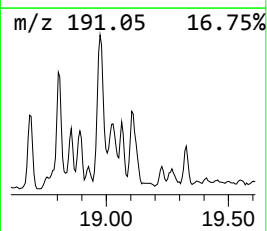
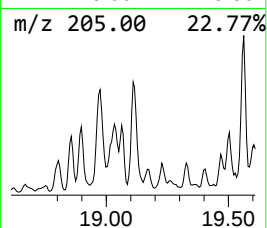
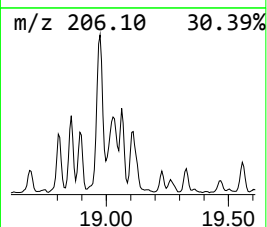
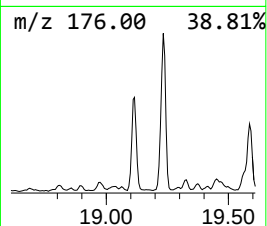
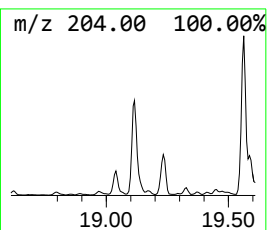
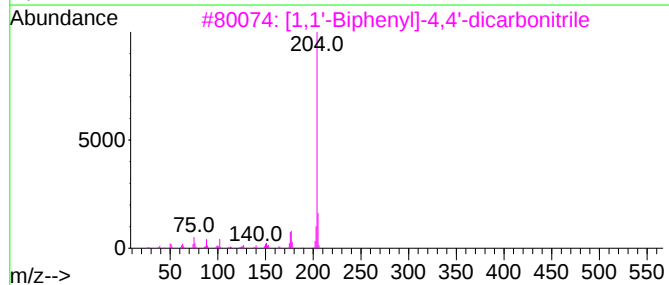
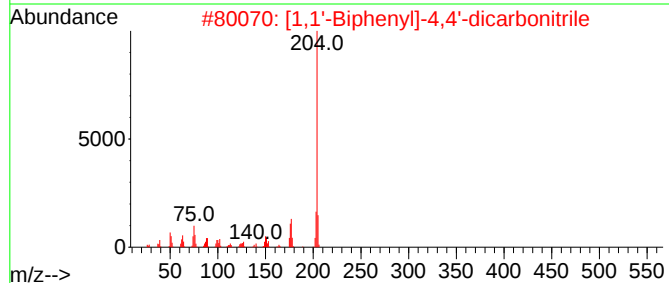
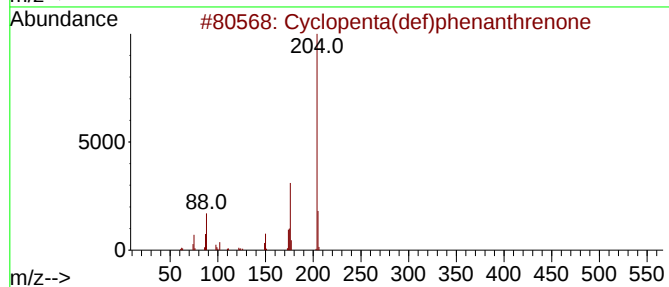
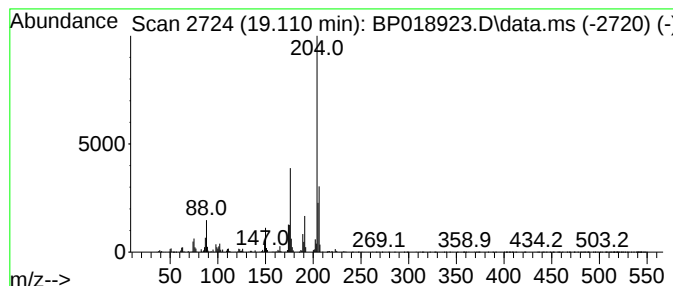
Instrument :
BNA_P
ClientSampleId :
BH3Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD			R.T.
19.110	10.30 ng/ul	1221460	Phenanthrene-d10			17.216
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone		204	C15H8O	005737-13-3	96
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	49
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile		204	C14H8N2	001591-30-6	49
4	Pyrimido[5,4-b]benzofurane, 4-ch...		204	C10H5C1N2O	039876-88-5	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-		204	C12H9ClO	000607-12-5	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

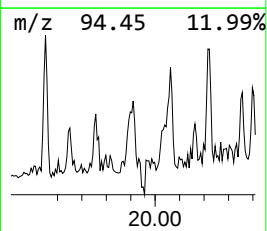
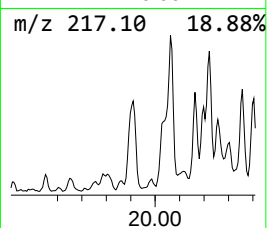
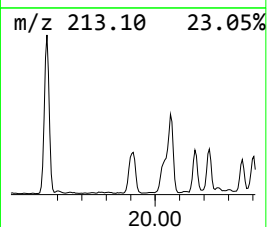
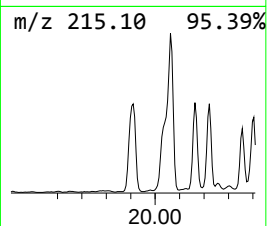
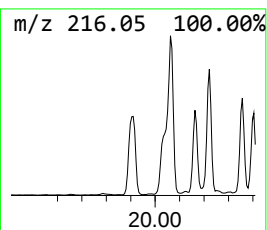
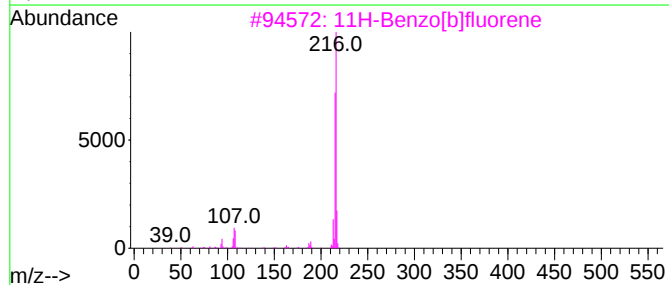
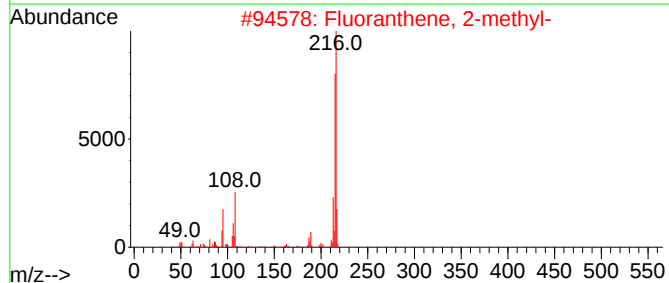
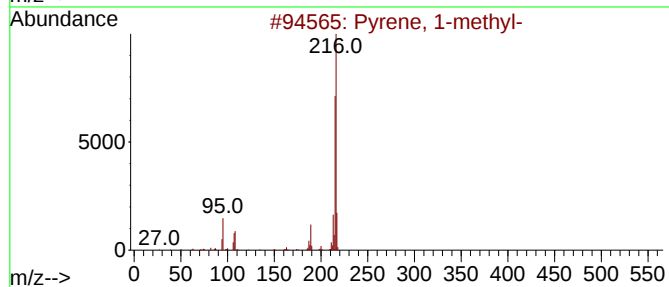
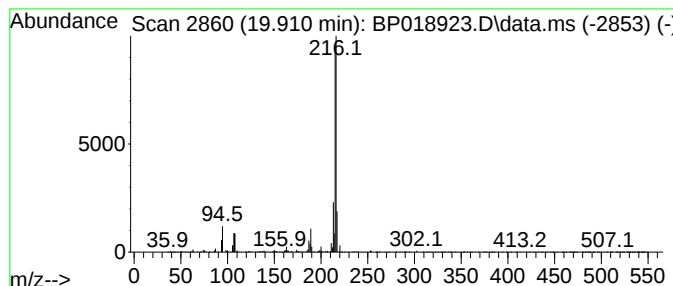
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 Pyrene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.910	3.07 ng/ul	1884900	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5			Pyrene, 2-methyl-	216	C17H12	003442-78-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

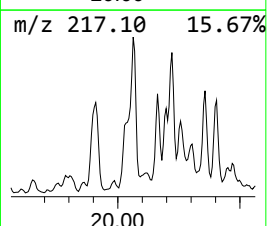
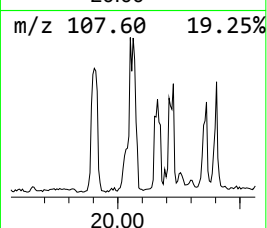
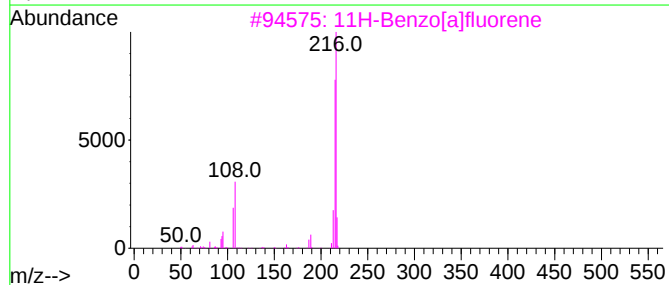
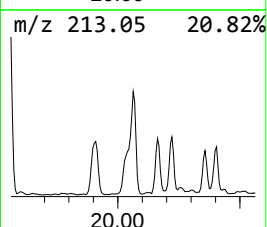
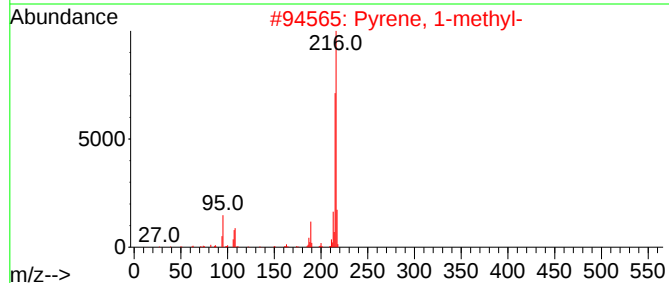
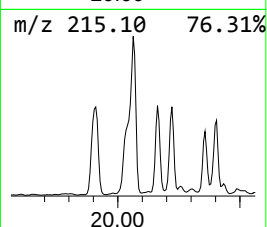
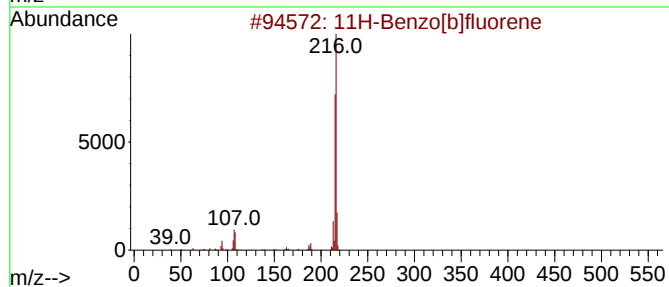
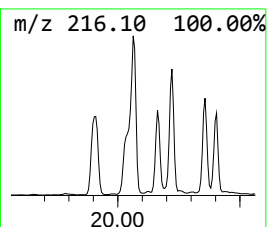
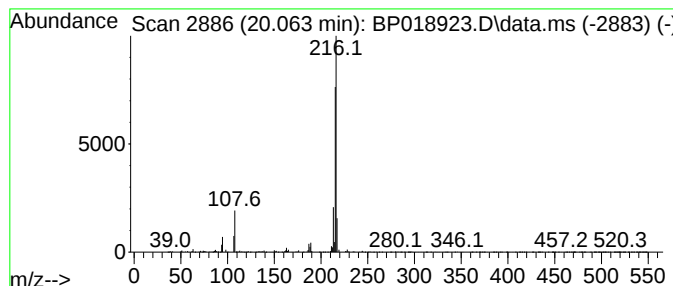
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 11H-Benzo[b]fluorene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.063	2.99 ng/ul	1836560	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

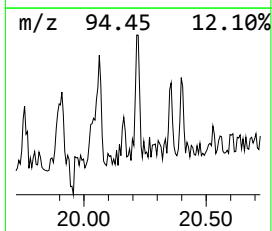
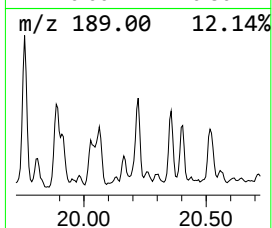
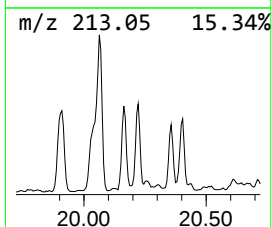
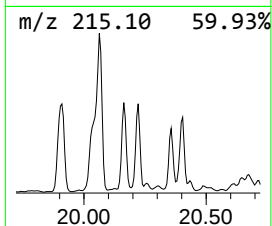
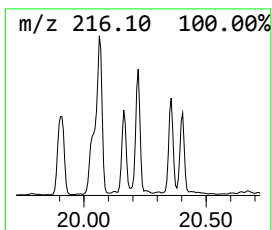
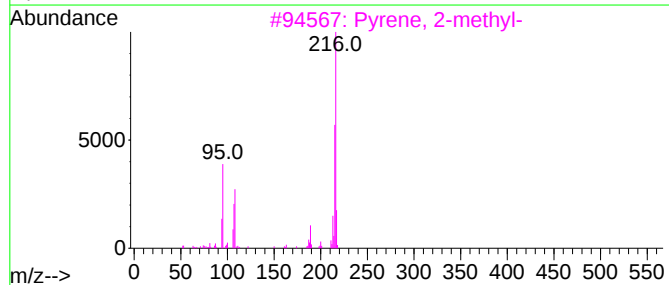
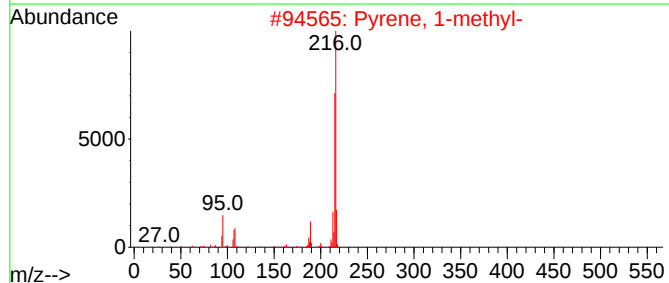
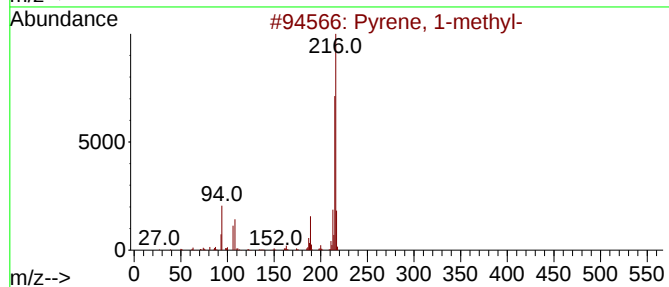
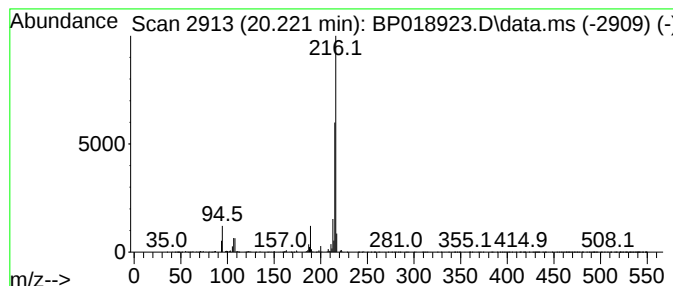
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Pyrene, 2-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	2.49 ng/ul	1525560	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3			Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
5			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

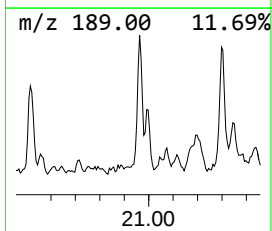
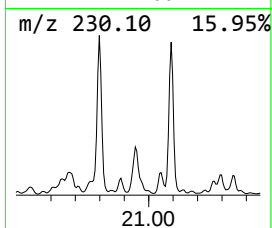
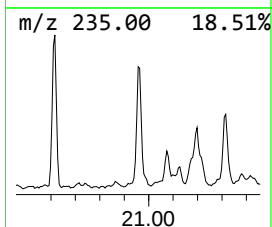
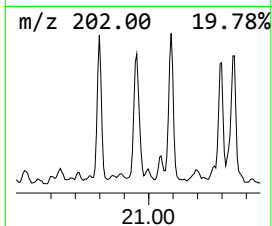
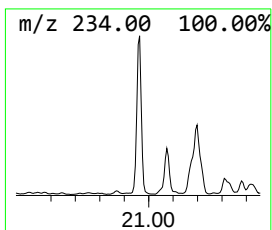
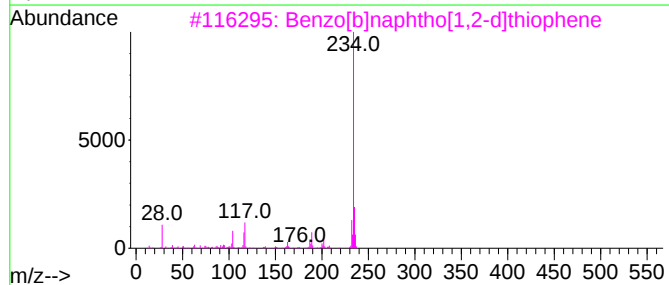
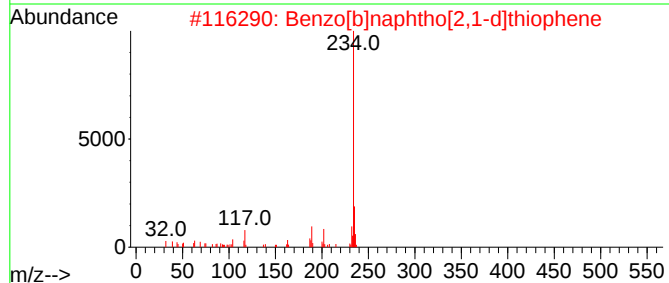
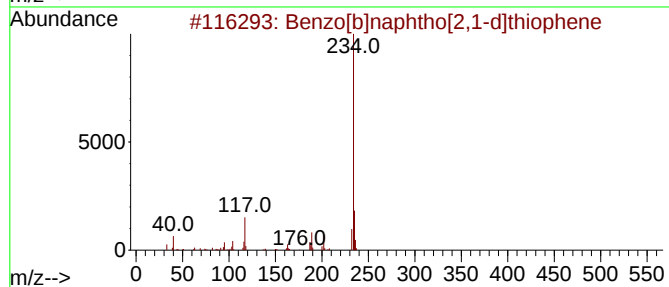
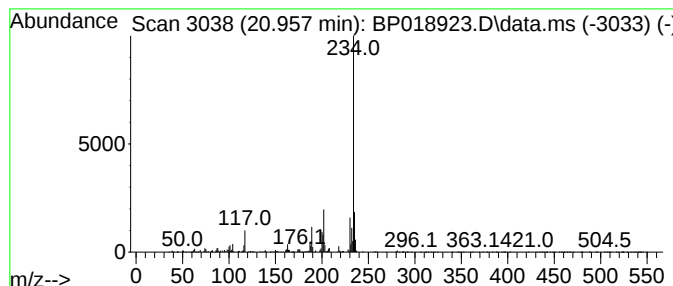
Instrument :
BNA_P
ClientSampleId :
BH3Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 31 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.957	2.62 ng/ul	1607980	Chrysene-d12	21.310	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	89
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	81
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	70
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

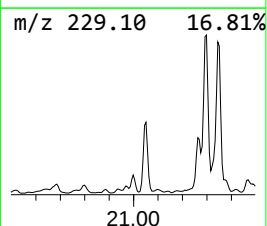
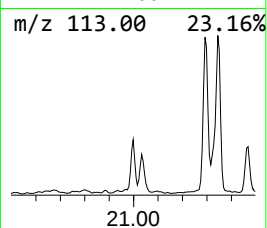
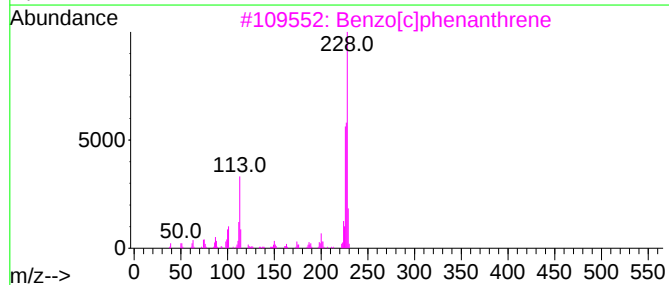
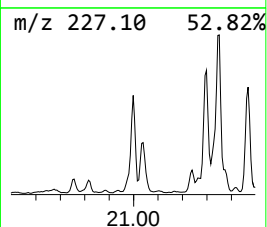
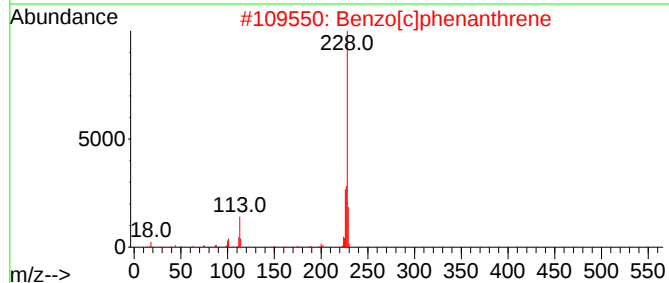
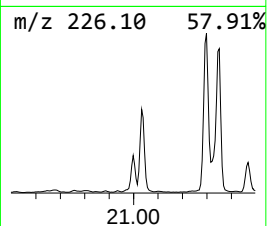
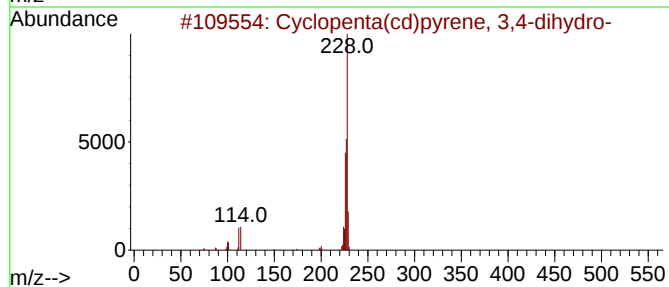
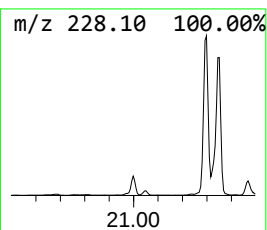
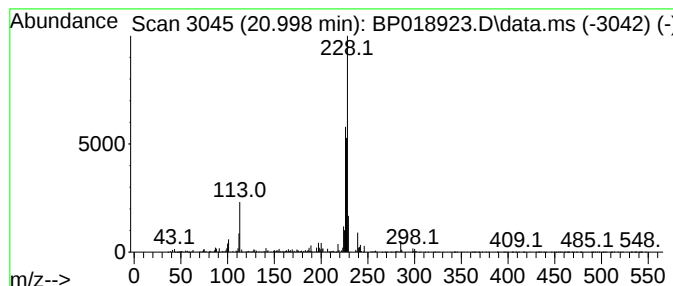
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.998	3.06 ng/ul	1877960	Chrysene-d12	21.310

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	78
2		Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
3		Benzo[c]phenanthrene	228	C18H12	000195-19-7	64
4		Triphenylene	228	C18H12	000217-59-4	50
5		Benz[a]anthracene	228	C18H12	000056-55-3	49



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

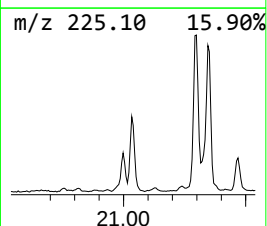
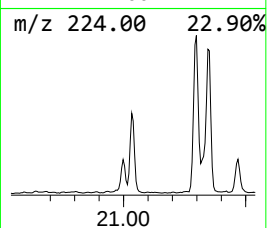
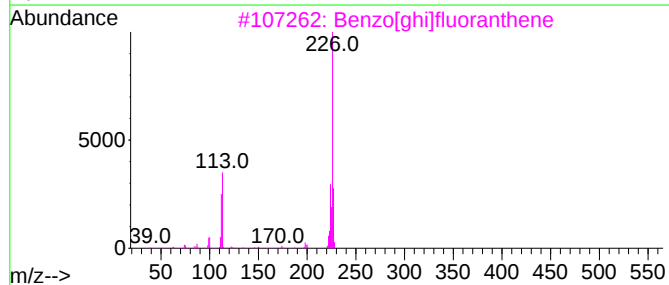
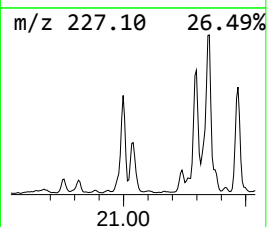
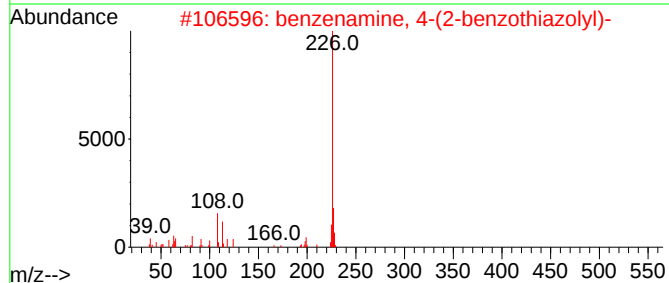
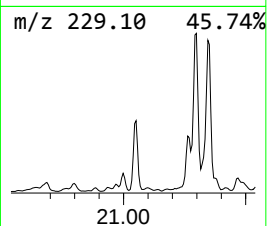
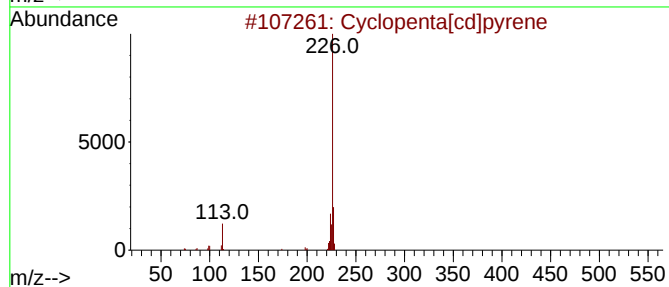
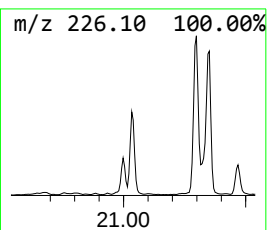
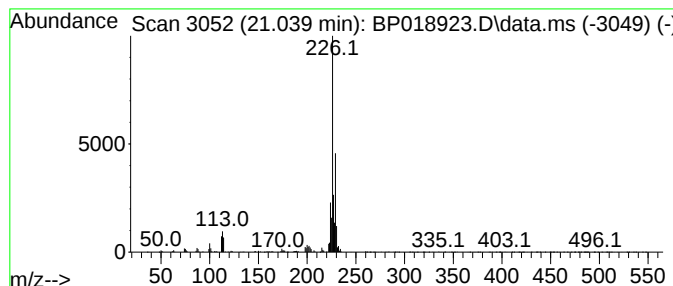
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 unknown-02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.039	2.98 ng/ul	1828830	Chrysene-d12	21.310

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	43
3			Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	38
4			6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	37
5			Benzene, 2-bromo-1,4-dichloro-	224	C6H3BrCl2	001435-50-3	23



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
BH3Q9

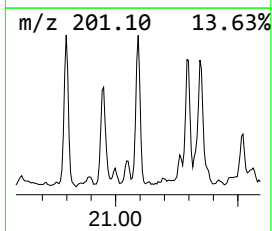
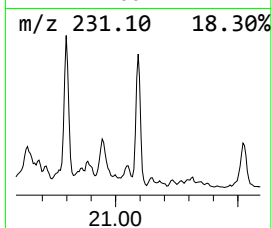
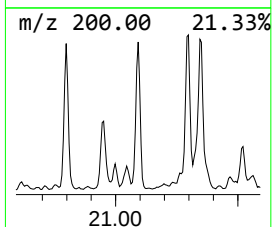
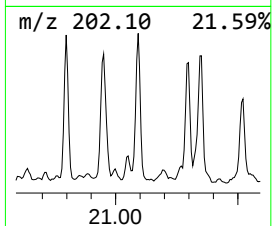
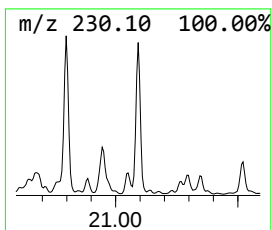
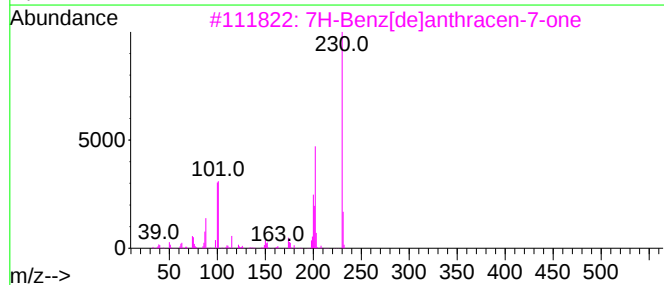
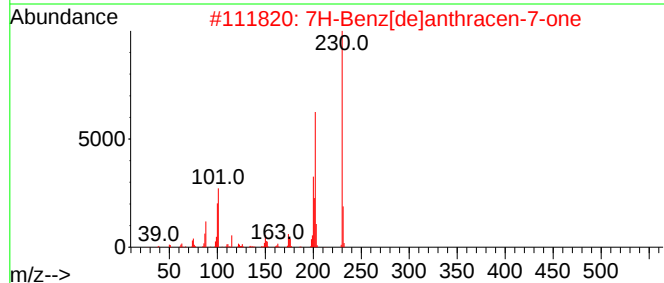
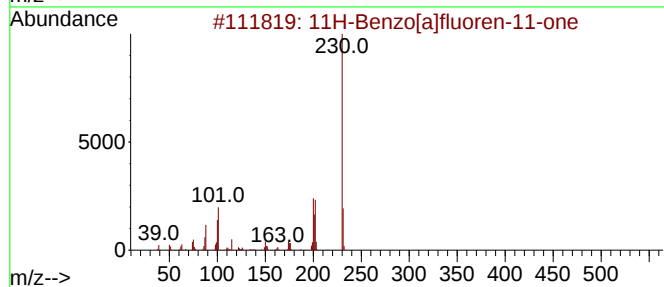
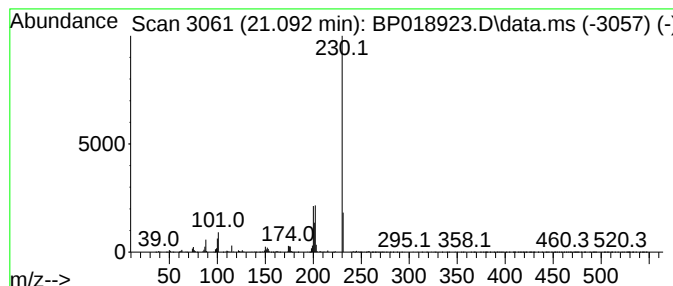
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 11H-Benzo[a]fluoren-11-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.092	2.87 ng/ul	1762100	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			1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

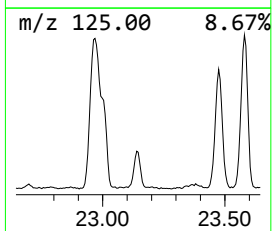
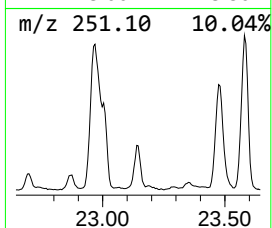
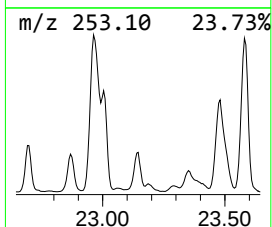
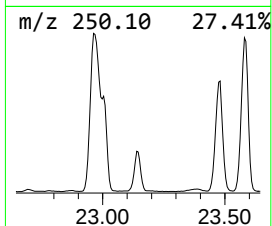
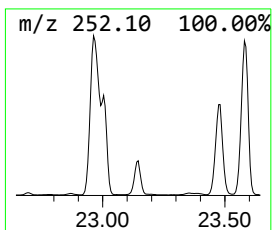
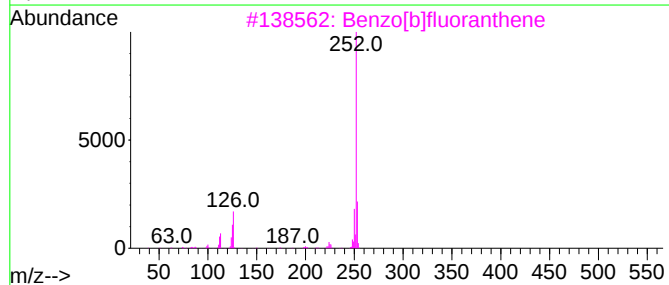
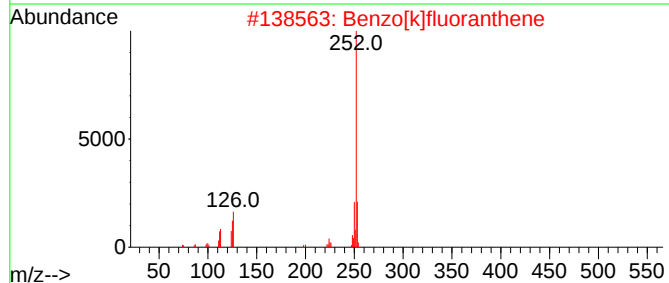
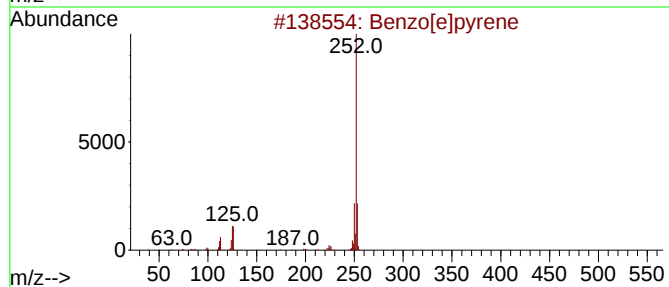
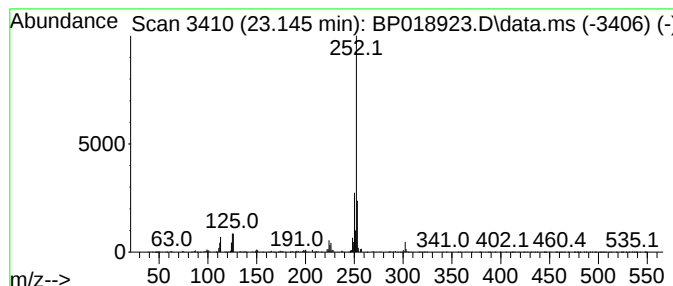
Instrument :
BNA_P
ClientSampleId :
BH3Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 35 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.145	11.97 ng/ul	1448410	Perylene-d12	23.686	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
Data File : BP018923.D
Acq On : 19 Dec 2023 00:24
Operator : MA/JU
Sample : 05794-14
Misc :
ALS Vial : 26 Sample Multiplier: 1

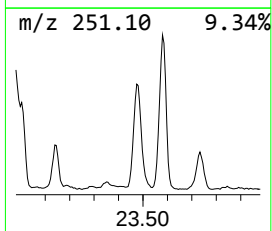
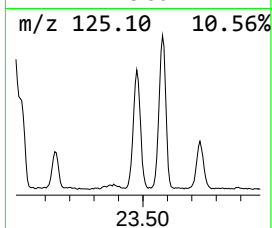
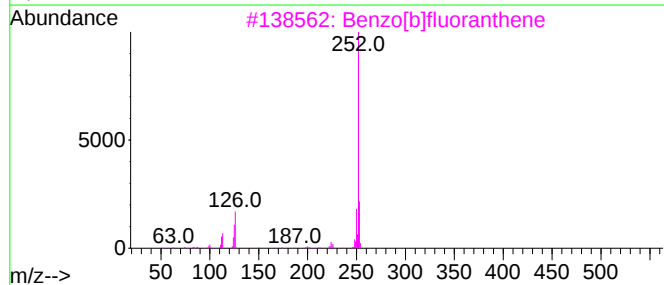
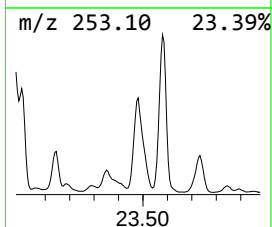
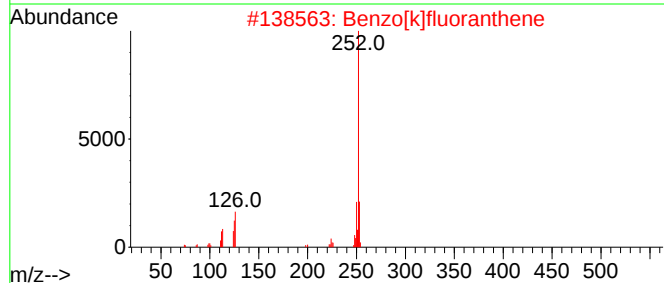
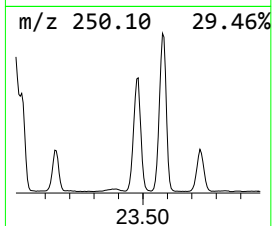
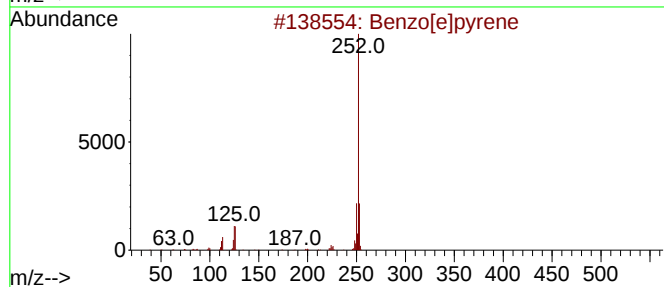
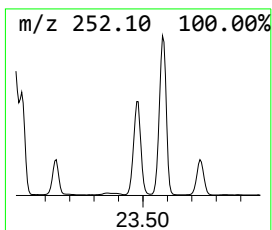
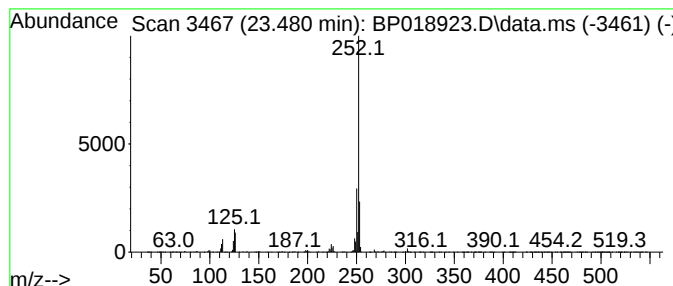
Instrument :
BNA_P
ClientSampleId :
BH3Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
23.480	38.74 ng/ul	4687650	Perylene-d12	23.686	
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	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Perylene	252	C20H12	000198-55-0	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP121823\
 Data File : BP018923.D
 Acq On : 19 Dec 2023 00:24
 Operator : MA/JU
 Sample : 05794-14
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 BH3Q9

Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP120123.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
unknown-01	3.787	2.8	ng/ul	195533	1	7.834	1384940	20.0
Naphthalene, 1,...	13.787	3.2	ng/ul	361425	3	14.463	2268370	20.0
Dibenzofuran, 4...	15.804	3.8	ng/ul	430956	3	14.463	2268370	20.0
9H-Fluoren-9-ol	15.951	4.9	ng/ul	577677	4	17.216	2372070	20.0
Phenol, 3-(2-ph...	16.745	2.9	ng/ul	346716	4	17.216	2372070	20.0
9H-Fluoren-9-one	16.869	5.2	ng/ul	615845	4	17.216	2372070	20.0
Dibenzothiophene	17.033	6.2	ng/ul	731088	4	17.216	2372070	20.0
Acridine	17.404	3.0	ng/ul	350771	4	17.216	2372070	20.0
2-Methyldibenzo...	17.798	2.8	ng/ul	329998	4	17.216	2372070	20.0
Phenanthrene, 1...	18.086	13.4	ng/ul	1586540	4	17.216	2372070	20.0
Phenanthrene, 2...	18.133	17.3	ng/ul	2048150	4	17.216	2372070	20.0
Anthracene, 2-m...	18.210	5.8	ng/ul	684339	4	17.216	2372070	20.0
4H-Cyclopenta[d...	18.275	24.2	ng/ul	2873140	4	17.216	2372070	20.0
1H-Indene, 2-ph...	18.310	7.5	ng/ul	887761	4	17.216	2372070	20.0
Isopropyl palmi...	18.522	4.3	ng/ul	512316	4	17.216	2372070	20.0
Naphthalene, 2-...	18.569	9.8	ng/ul	1161370	4	17.216	2372070	20.0
9,10-Anthracene...	18.616	10.9	ng/ul	1293740	4	17.216	2372070	20.0
Anthracene, 2-e...	18.810	2.8	ng/ul	331920	4	17.216	2372070	20.0
di-p-Tolylacety...	18.892	2.5	ng/ul	298654	4	17.216	2372070	20.0
Phenanthrene, 2...	18.974	10.0	ng/ul	1186550	4	17.216	2372070	20.0
Cyclopenta(def)...	19.110	10.3	ng/ul	1221460	4	17.216	2372070	20.0
Pyrene, 1-methyl-	19.910	3.1	ng/ul	1884900	5	21.310	12275900	20.0
11H-Benzo[b]flu...	20.063	3.0	ng/ul	1836560	5	21.310	12275900	20.0
Pyrene, 2-methyl-	20.221	2.5	ng/ul	1525560	5	21.310	12275900	20.0
Benzo[b]naphtho...	20.957	2.6	ng/ul	1607980	5	21.310	12275900	20.0
Cyclopenta(cd)p...	20.998	3.1	ng/ul	1877960	5	21.310	12275900	20.0
unknown-02	21.039	3.0	ng/ul	1828830	5	21.310	12275900	20.0
11H-Benzo[a]flu...	21.092	2.9	ng/ul	1762100	5	21.310	12275900	20.0
Benzo[e]pyrene	23.145	12.0	ng/ul	1448410	6	23.686	2420300	20.0
Perylene	23.480	38.7	ng/ul	4687650	6	23.686	2420300	20.0