

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031212.D
 Acq On : 25 Apr 2024 07:26
 Operator : MA/JU
 Sample : P2104-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

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-BN041924.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BN031212.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	6.805	643	649	668	rVB	483028	799668	2.04%	0.194%
2	6.969	671	677	690	rVB	365101	572372	1.46%	0.139%
3	7.164	703	710	718	rBV	492466	773283	1.97%	0.188%
4	7.628	778	789	798	rBV	1010683	1581394	4.03%	0.385%
5	8.334	903	909	918	rBV	594478	975588	2.49%	0.237%
6	8.787	978	986	992	rBV	442555	735928	1.88%	0.179%
7	9.499	1099	1107	1118	rBV	367997	612298	1.56%	0.149%
8	10.034	1192	1198	1213	rBV	611709	1027401	2.62%	0.250%
9	10.410	1252	1262	1267	rBV	1452583	2474319	6.31%	0.602%
10	10.558	1280	1287	1305	rVB	352034	692770	1.77%	0.168%
11	13.593	1796	1803	1808	rBV	212125	374151	0.95%	0.091%
12	13.693	1815	1820	1825	rVV	1101770	1503655	3.83%	0.366%
13	13.969	1861	1867	1886	rVB2	1257310	2262865	5.77%	0.550%
14	14.275	1910	1919	1925	rBV	2172564	3395062	8.66%	0.826%
15	14.340	1925	1930	1938	rVB	1121833	1686733	4.30%	0.410%
16	14.504	1950	1958	1965	rBV2	407961	723062	1.84%	0.176%
17	14.675	1982	1987	1996	rVV	1100452	1679334	4.28%	0.408%
18	15.275	2083	2089	2093	rVV	1683026	2403163	6.13%	0.584%
19	15.328	2093	2098	2104	rVV	1667817	2478635	6.32%	0.603%
20	15.410	2108	2112	2116	rVV2	214233	378598	0.97%	0.092%
21	15.493	2122	2126	2129	rVV	260978	380649	0.97%	0.093%
22	15.540	2130	2134	2137	rVV	257892	405979	1.04%	0.099%
23	15.622	2144	2148	2155	rVB	608946	904866	2.31%	0.220%
24	15.769	2168	2173	2181	rVB	650144	1239798	3.16%	0.302%
25	16.016	2207	2215	2220	rBV4	495754	1128607	2.88%	0.274%
26	16.334	2260	2269	2274	rBV3	416705	877493	2.24%	0.213%
27	16.604	2311	2315	2318	rVV2	316181	409709	1.04%	0.100%
28	16.687	2324	2329	2336	rVB	1781403	2544365	6.49%	0.619%
29	16.757	2337	2341	2344	rBV	350854	578312	1.47%	0.141%
30	16.787	2344	2346	2350	rVV	312042	414847	1.06%	0.101%
31	16.845	2351	2356	2365	rVB	1561952	2483612	6.33%	0.604%
32	17.034	2382	2388	2391	rVV	2393300	4042224	10.31%	0.983%
33	17.087	2391	2397	2401	rVV	15293296	26404222	67.34%	6.421%
34	17.134	2401	2405	2407	rVV2	2098892	2911460	7.43%	0.708%
35	17.163	2407	2410	2415	rVV	2656417	3527374	9.00%	0.858%
36	17.222	2415	2420	2425	rVV	972857	1424079	3.63%	0.346%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031212.D
 Acq On : 25 Apr 2024 07:26
 Operator : MA/JU
 Sample : P2104-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

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-BN041924.MA.M
 Title : SVOA CALIBRATION

37	17.440	2448	2457	2468	rVV	2763194	4731971	12.07%	1.151%
38	17.551	2469	2476	2482	rVV4	500926	1127498	2.88%	0.274%
39	17.610	2482	2486	2494	rVB4	583422	1030755	2.63%	0.251%
40	17.745	2506	2509	2516	rVB	239454	362287	0.92%	0.088%
41	17.904	2531	2536	2540	rVV	2504157	3714248	9.47%	0.903%
42	17.957	2540	2545	2550	rVB	3626264	5460585	13.93%	1.328%
43	18.034	2554	2558	2563	rVB	537581	755338	1.93%	0.184%
44	18.104	2563	2570	2573	rBV3	3419962	6007409	15.32%	1.461%
45	18.139	2573	2576	2583	rVB	1606791	2125862	5.42%	0.517%
46	18.222	2585	2590	2593	rBV2	457559	731905	1.87%	0.178%
47	18.257	2593	2596	2600	rVB	384967	458597	1.17%	0.112%
48	18.416	2618	2623	2626	rBV	2101541	2936829	7.49%	0.714%
49	18.463	2626	2631	2636	rVB	5076715	6940654	17.70%	1.688%
50	18.657	2660	2664	2669	rVV3	500755	689426	1.76%	0.168%
51	18.710	2669	2673	2676	rVB	621435	776125	1.98%	0.189%
52	18.751	2676	2680	2684	rVB	527676	648105	1.65%	0.158%
53	18.834	2689	2694	2698	rBV	916870	1634396	4.17%	0.397%
54	18.928	2708	2710	2714	rVB	350185	370707	0.95%	0.090%
55	18.986	2714	2720	2726	rVB2	2046516	3392649	8.65%	0.825%
56	19.116	2733	2742	2747	rVB	18877522	36745548	93.71%	8.936%
57	19.169	2747	2751	2753	rBV	484284	621280	1.58%	0.151%
58	19.204	2753	2757	2762	rVB2	716299	1003544	2.56%	0.244%
59	19.251	2762	2765	2768	rVB	292503	368264	0.94%	0.090%
60	19.310	2769	2775	2778	rBV2	1065127	1976829	5.04%	0.481%
61	19.345	2778	2781	2786	rVB	953027	1352700	3.45%	0.329%
62	19.481	2792	2804	2809	rBV2	16695321	39211332	100.00%	9.536%
63	19.534	2809	2813	2820	rVB2	1663061	2383621	6.08%	0.580%
64	19.645	2827	2832	2837	rVB	2041941	2706624	6.90%	0.658%
65	19.710	2838	2843	2848	rVB	1653611	2459102	6.27%	0.598%
66	19.786	2850	2856	2858	rBV2	1829228	3222612	8.22%	0.784%
67	19.851	2863	2867	2874	rBV	728773	1173318	2.99%	0.285%
68	19.922	2874	2879	2882	rBV5	1745454	2970132	7.57%	0.722%
69	19.963	2882	2886	2891	rVB	3214613	4770463	12.17%	1.160%
70	20.063	2899	2903	2907	rBV	2026459	2608188	6.65%	0.634%
71	20.122	2907	2913	2917	rVV2	2336844	4077751	10.40%	0.992%
72	20.163	2917	2920	2923	rVB	678763	738633	1.88%	0.180%
73	20.204	2923	2927	2931	rBV	589006	788036	2.01%	0.192%
74	20.263	2933	2937	2940	rBV	1048112	1334193	3.40%	0.324%
75	20.310	2940	2945	2948	rBV4	1084329	1424741	3.63%	0.346%
76	20.716	3009	3014	3020	rVB	3832714	5338403	13.61%	1.298%

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031212.D
 Acq On : 25 Apr 2024 07:26
 Operator : MA/JU
 Sample : P2104-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

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-BN041924.MA.M
 Title : SVOA CALIBRATION

77	20.881	3036	3042	3046	rBV2	2948305	5441906	13.88%	1.323%
78	20.928	3046	3050	3053	rVV	2728400	3827443	9.76%	0.931%
79	20.969	3053	3057	3062	rVV2	2993533	5643310	14.39%	1.372%
80	21.028	3062	3067	3078	rVB	3891577	6363905	16.23%	1.548%
81	21.263	3097	3107	3113	rBV3	9980981	24164336	61.63%	5.877%
82	21.328	3113	3118	3128	rVB	10102979	18183052	46.37%	4.422%
83	21.457	3135	3140	3146	rBV	1908935	3151156	8.04%	0.766%
84	21.516	3147	3150	3155	rVV2	947884	1409453	3.59%	0.343%
85	21.651	3167	3173	3178	rVB2	1575886	3309061	8.44%	0.805%
86	21.704	3179	3182	3186	rBV3	569407	780772	1.99%	0.190%
87	21.869	3205	3210	3214	rBV2	874185	1577744	4.02%	0.384%
88	21.939	3219	3222	3227	rVV	1711046	2581439	6.58%	0.628%
89	22.010	3229	3234	3241	rVB2	1456448	3296652	8.41%	0.802%
90	22.186	3260	3264	3268	rBV	955002	1605157	4.09%	0.390%
91	22.228	3268	3271	3279	rVB4	927923	1616758	4.12%	0.393%
92	22.322	3280	3287	3299	rVB3	721152	2191126	5.59%	0.533%
93	22.933	3384	3391	3406	rVB3	905635	3342224	8.52%	0.813%
94	23.292	3440	3452	3457	rBV	7775386	26013956	66.34%	6.326%
95	23.504	3482	3488	3496	rBV	1393620	2844087	7.25%	0.692%
96	23.933	3552	3561	3575	rBV2	4241574	13197621	33.66%	3.210%
97	24.069	3575	3584	3594	rVB	6557146	17487932	44.60%	4.253%
98	24.192	3599	3605	3610	rVV	1217049	3040849	7.76%	0.740%
99	24.263	3611	3617	3629	rVB2	2152049	6098848	15.55%	1.483%
100	27.492	4154	4166	4184	rVB2	3407087	16053329	40.94%	3.904%

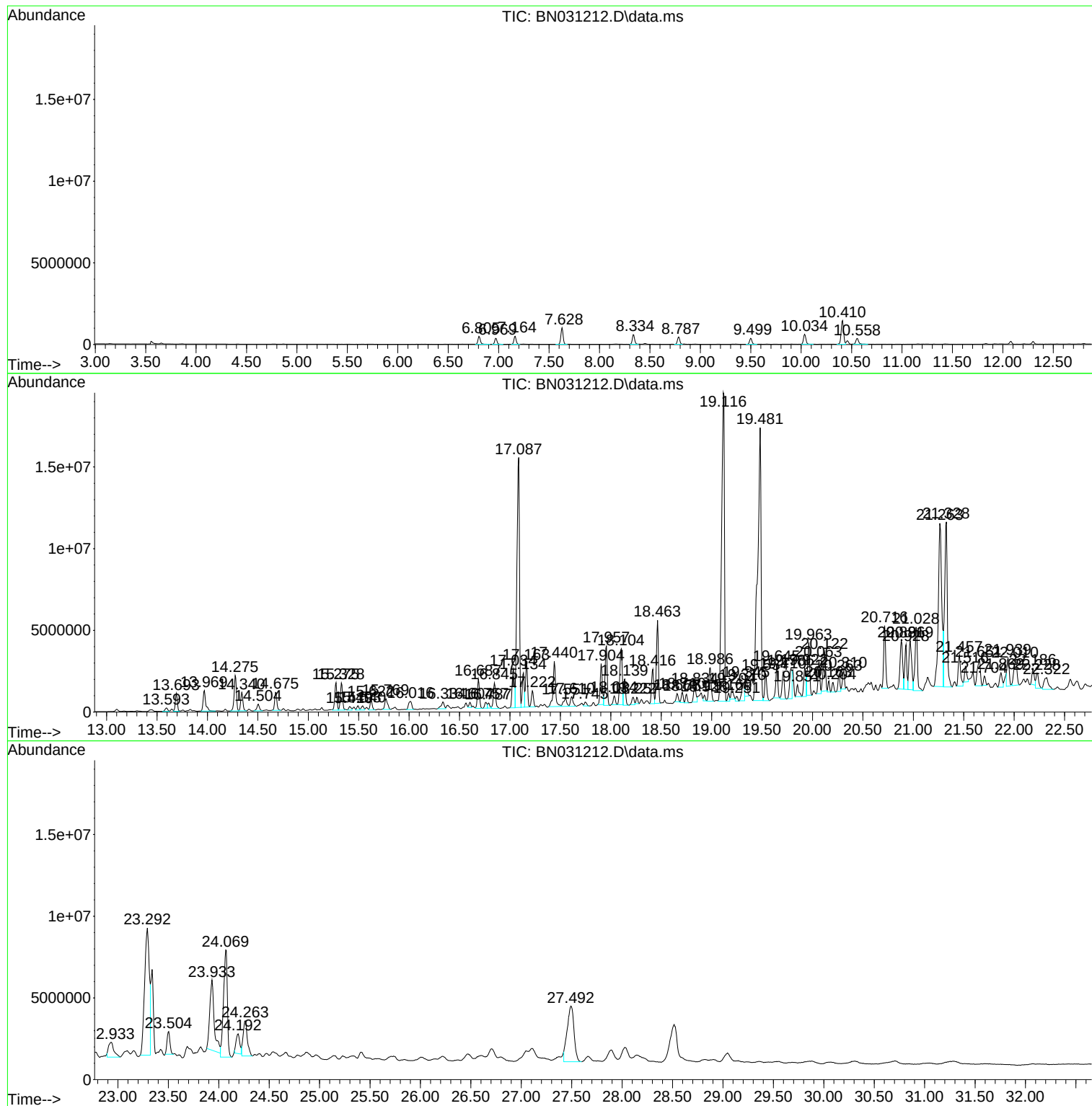
Sum of corrected areas: 411200651

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.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\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

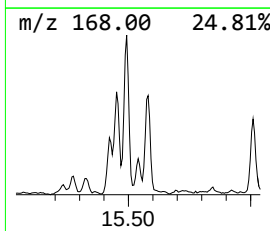
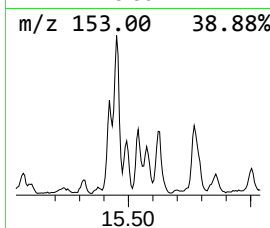
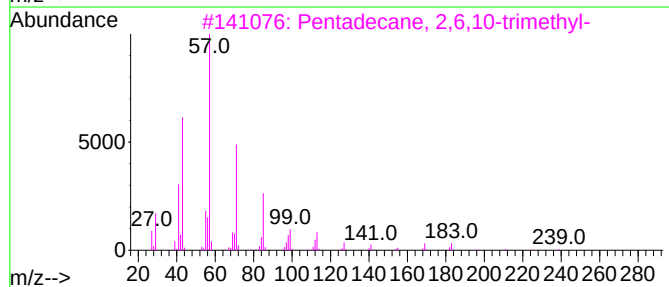
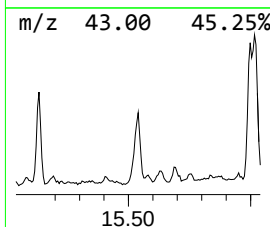
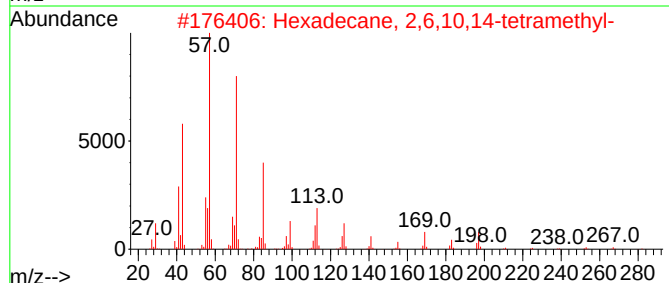
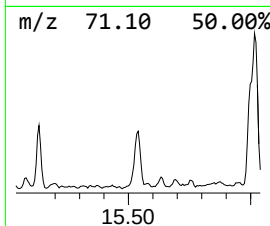
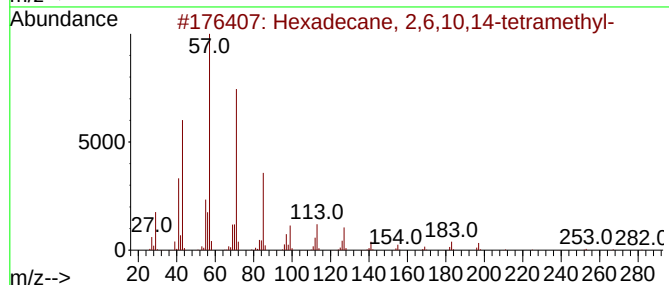
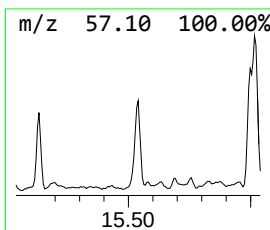
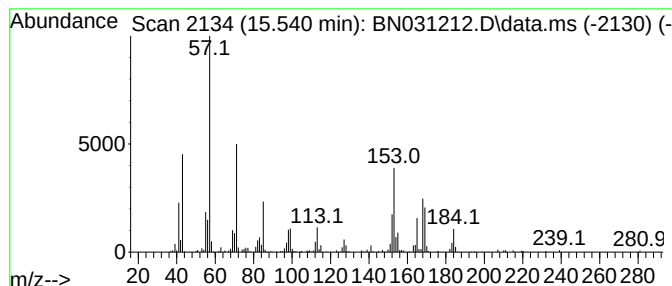
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.540	2.39 ng/ul	405979	Acenaphthene-d10	14.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	38
2			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	35
3			Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	30
4			Tetracosane	338	C24H50	000646-31-1	30
5			Squalane	422	C30H62	000111-01-3	27



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

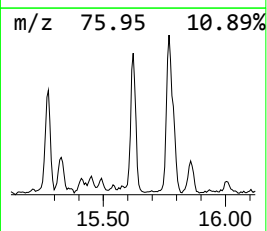
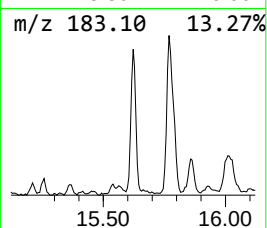
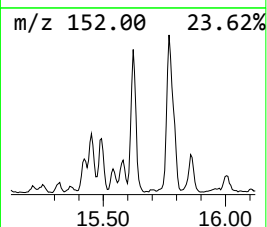
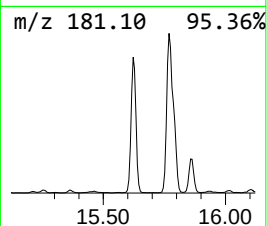
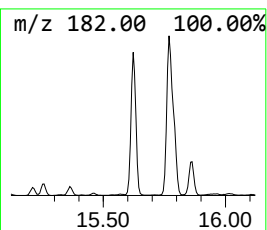
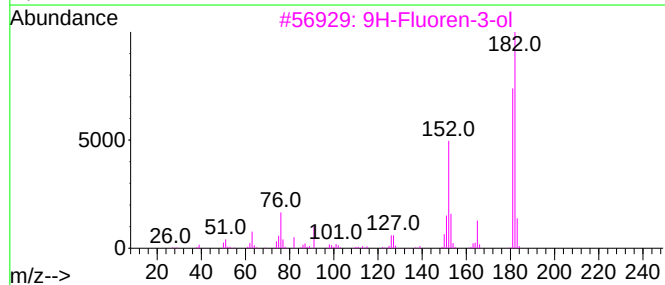
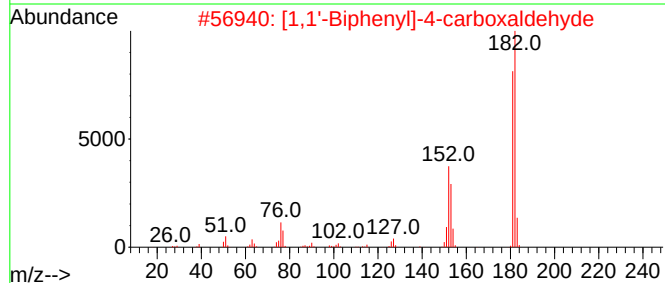
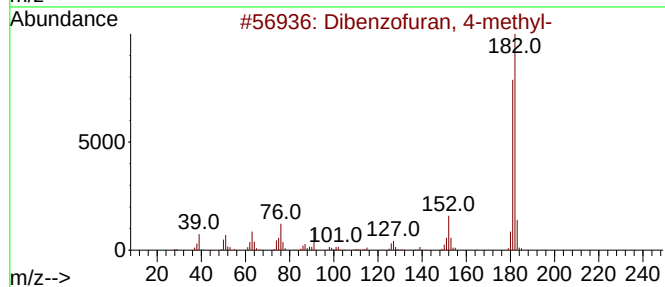
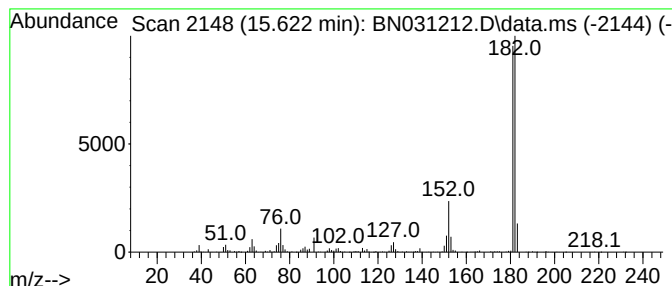
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.622	5.33 ng/ul	904866	Acenaphthene-d10	14.275

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
4			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	78



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

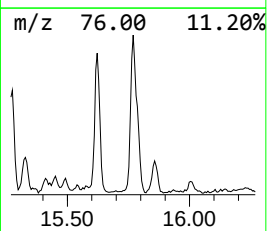
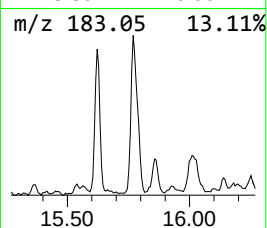
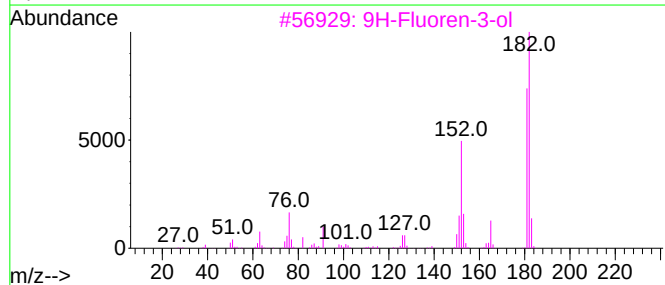
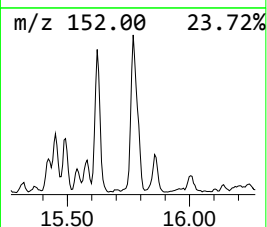
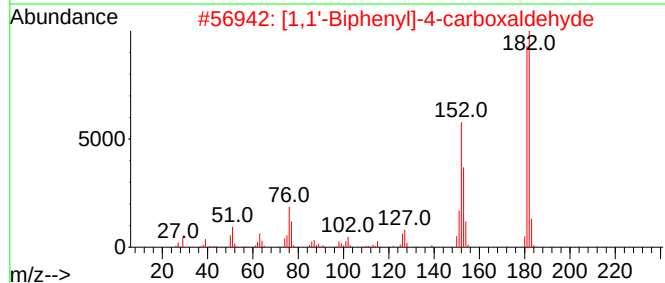
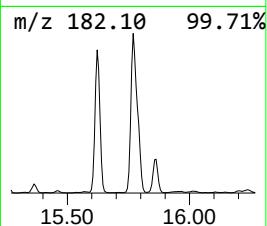
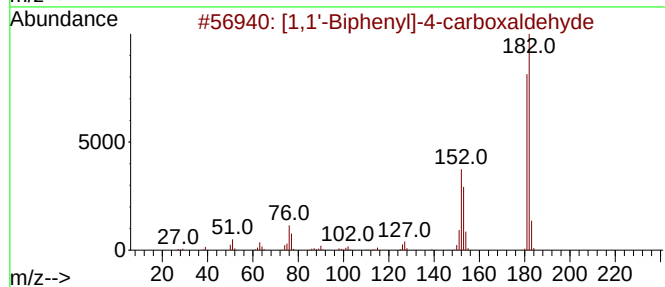
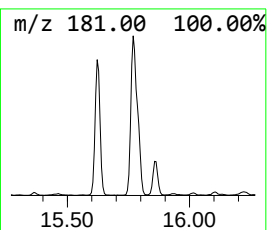
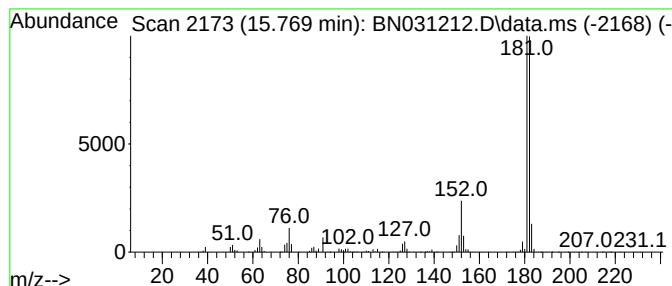
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.769	6.13 ng/ul	1239800	Phenanthrene-d10	17.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2			[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
3			9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
4			2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
5			Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

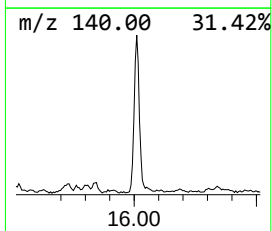
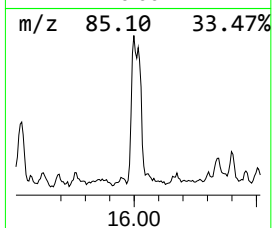
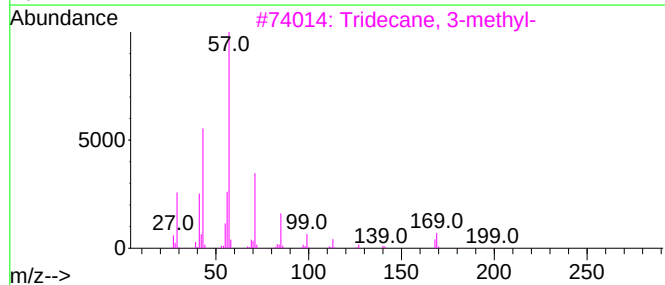
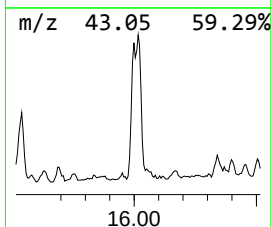
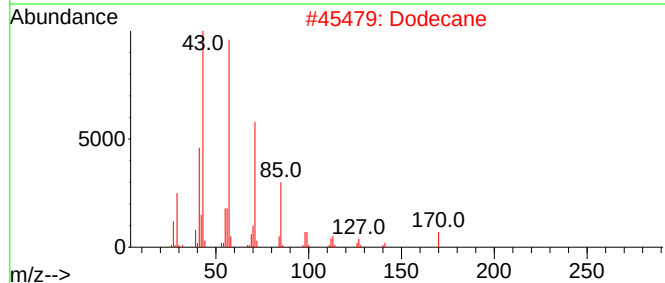
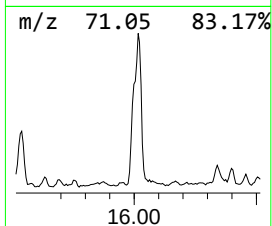
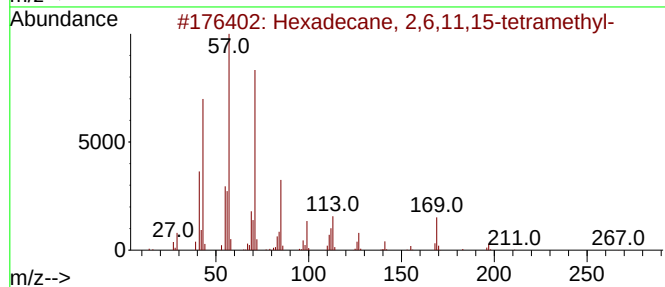
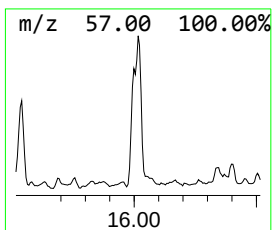
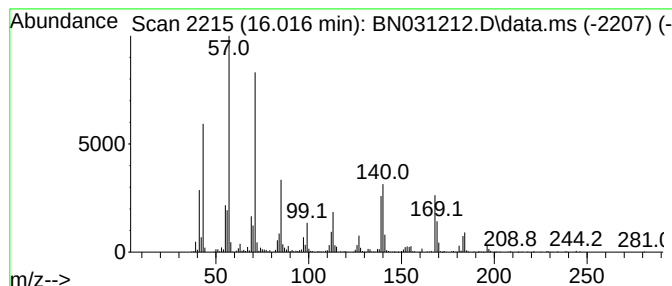
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.016	5.58 ng/ul	1128610	Phenanthrene-d10	17.034

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	58
2		Dodecane	170	C12H26	000112-40-3	55
3		Tridecane, 3-methyl-	198	C14H30	006418-41-3	53
4		Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	52
5		Tridecane, 4-methyl-	198	C14H30	026730-12-1	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

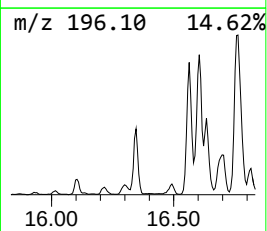
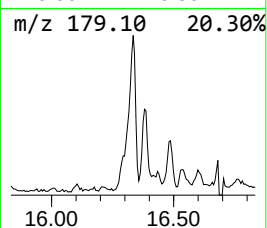
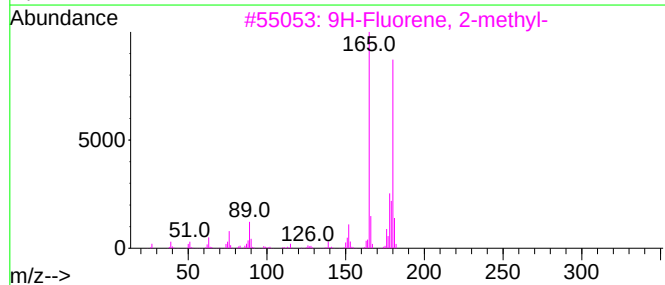
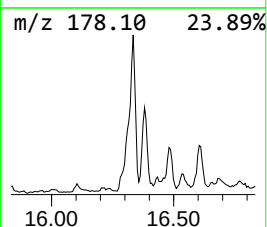
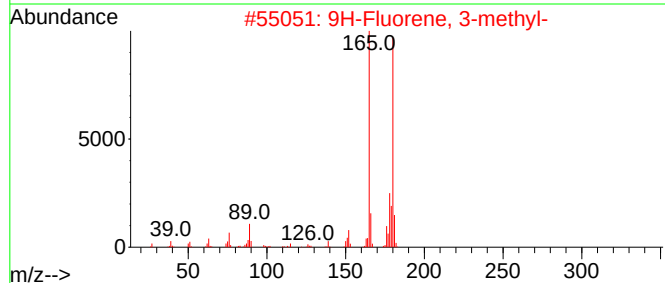
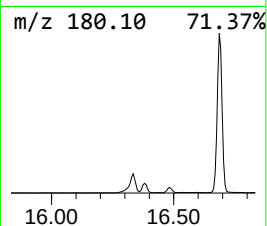
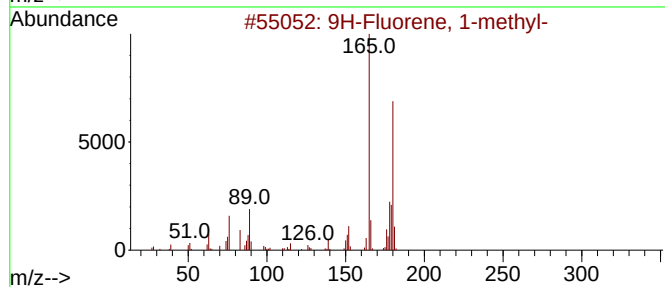
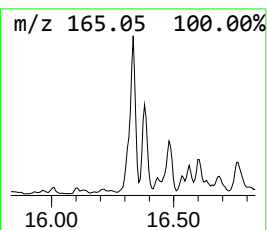
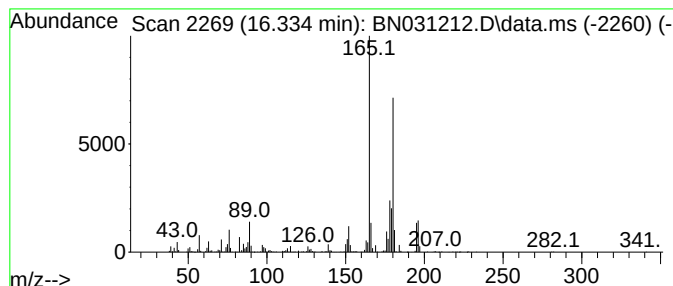
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 9H-Fluorene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.334	4.34 ng/ul	877493	Phenanthrene-d10	17.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
2			9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	93
3			9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	92
4			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
5			9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

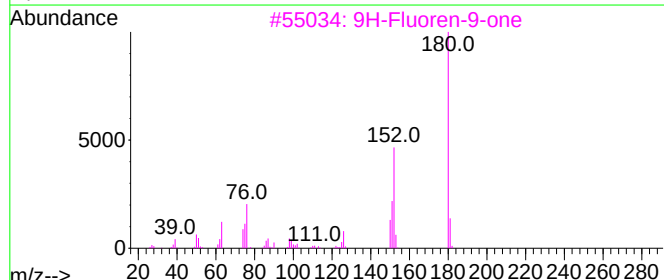
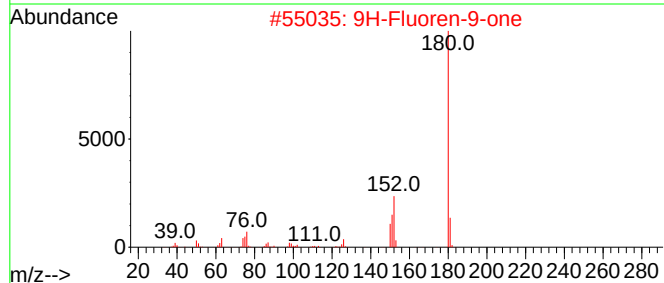
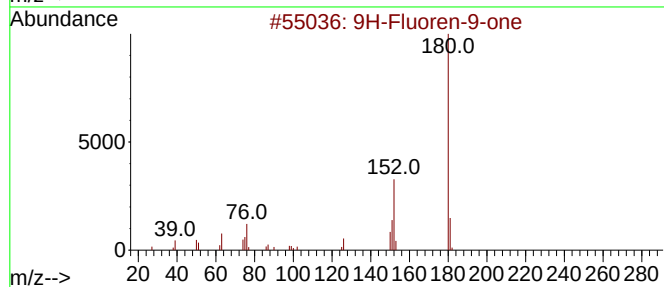
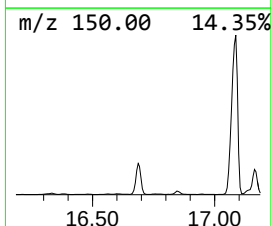
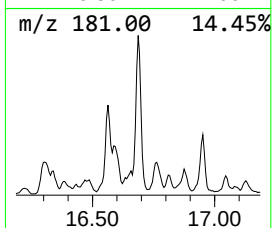
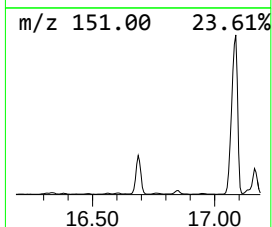
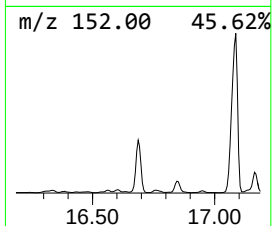
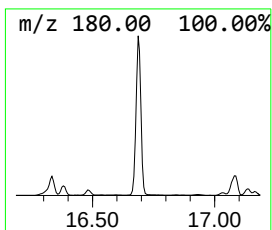
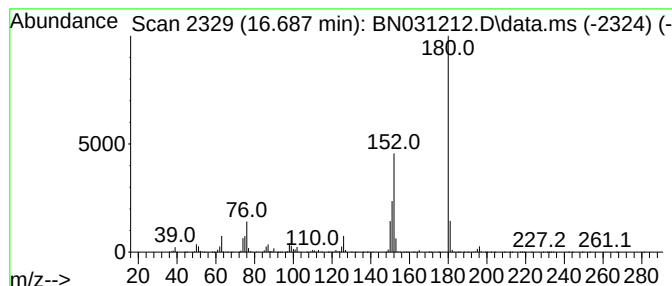
Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.687	12.59 ng/ul	2544370	Phenanthrene-d10	17.034	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

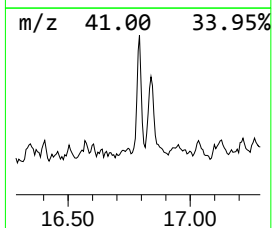
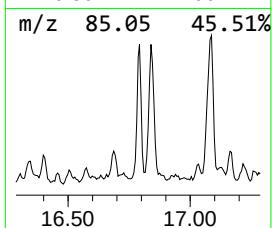
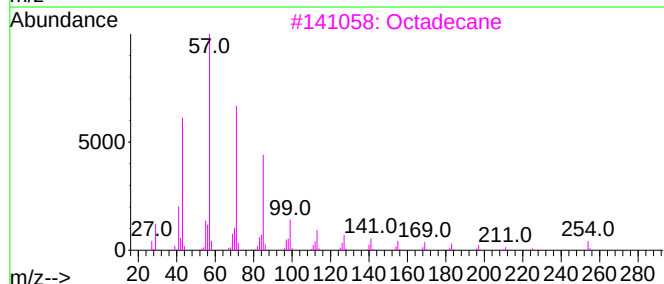
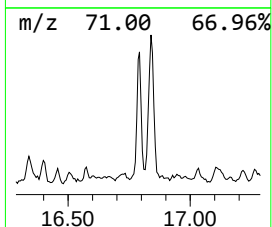
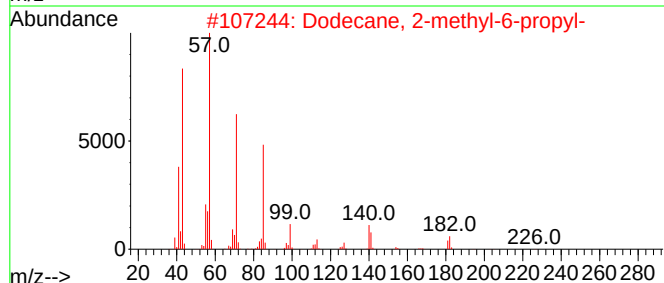
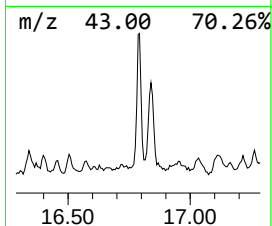
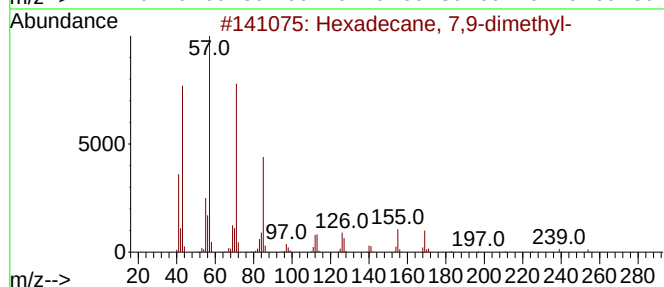
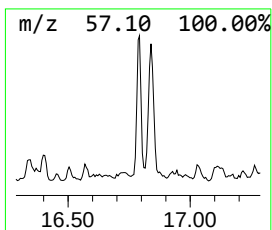
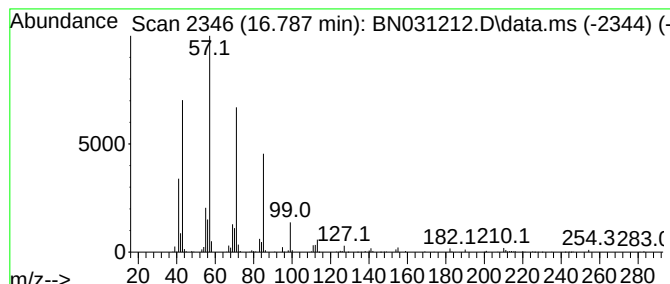
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.787	2.05 ng/ul	414847	Phenanthrene-d10	17.034

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	83
2		Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
3		Octadecane	254	C18H38	000593-45-3	74
4		Dodecane, 1-iodo-	296	C12H25I	004292-19-7	72
5		Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

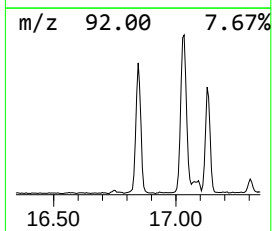
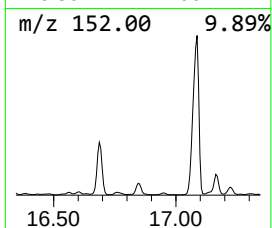
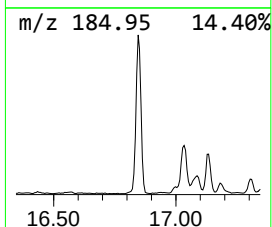
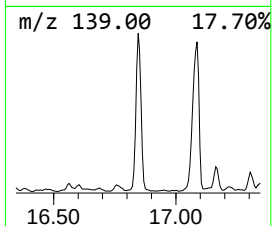
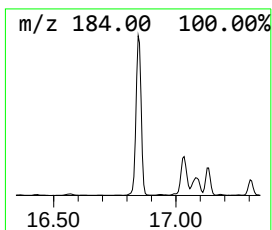
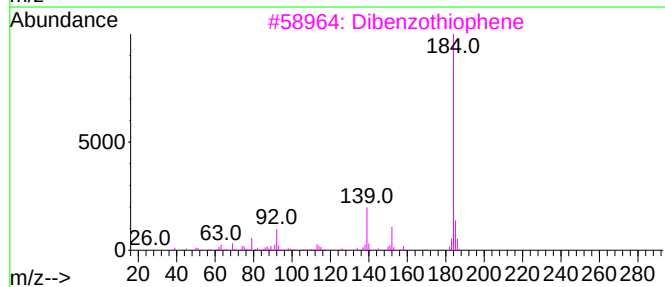
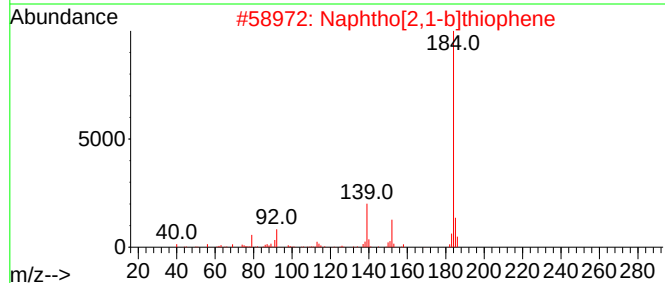
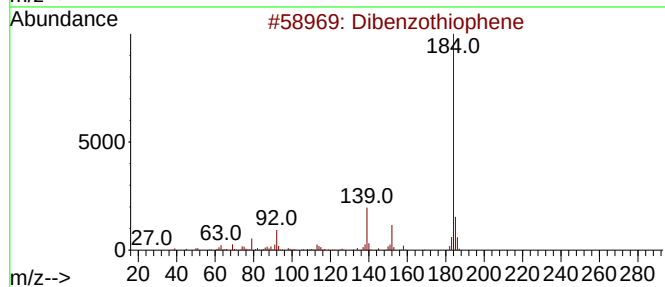
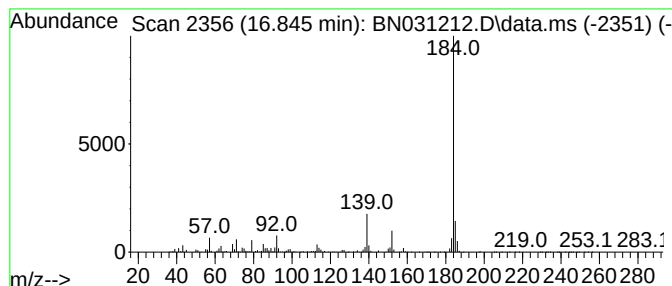
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 Dibenzothiophene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.845	12.29 ng/ul	2483610	Phenanthrene-d10	17.034

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

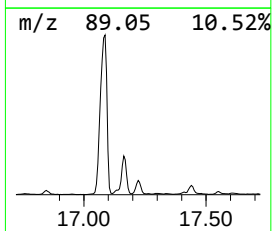
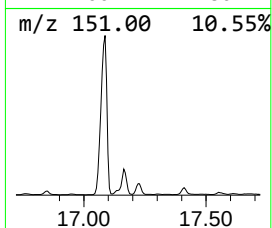
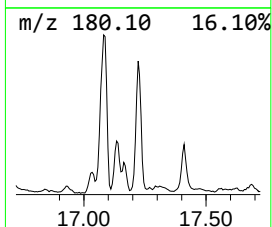
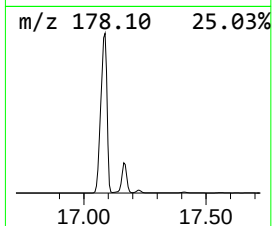
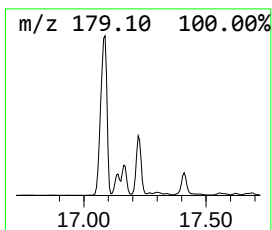
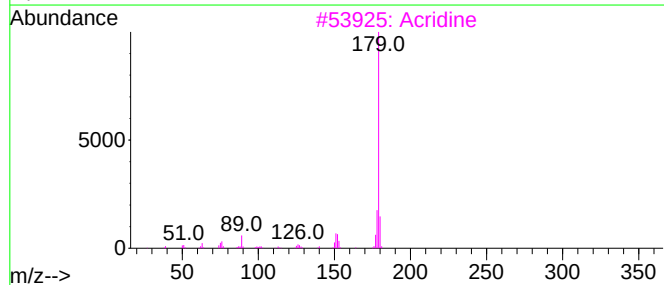
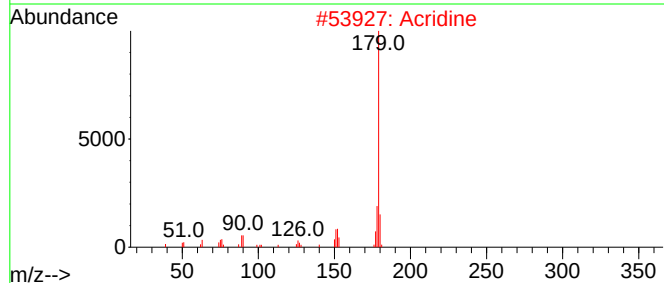
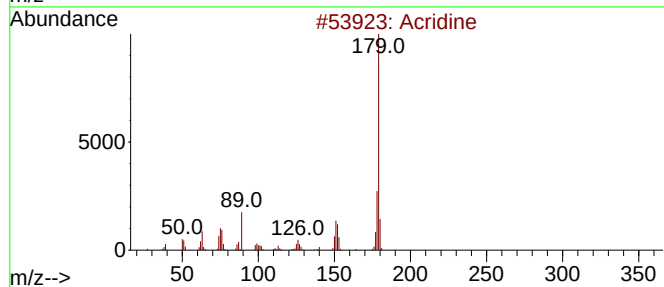
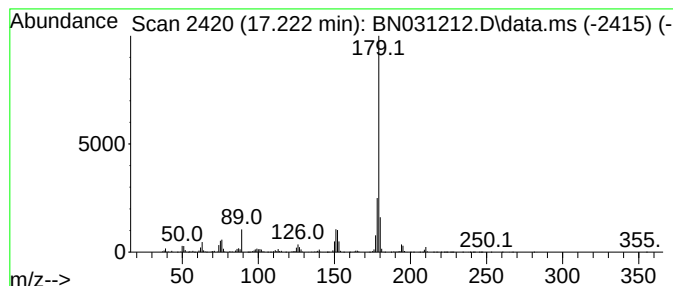
Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 Acridine Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.222	7.05 ng/ul	1424080	Phenanthrene-d10		17.034	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Acridine		179	C13H9N	000260-94-6	97
2	Acridine		179	C13H9N	000260-94-6	97
3	Acridine		179	C13H9N	000260-94-6	95
4	Acridine		179	C13H9N	000260-94-6	94
5	Acridine		179	C13H9N	000260-94-6	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

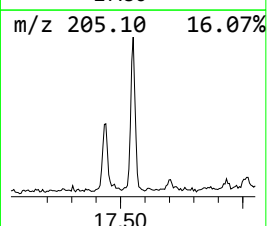
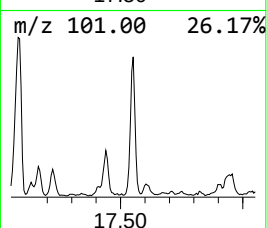
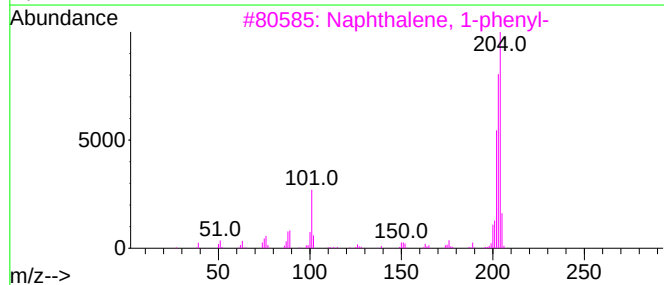
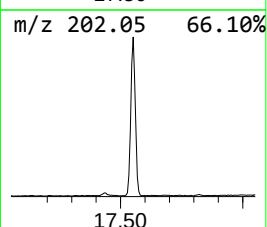
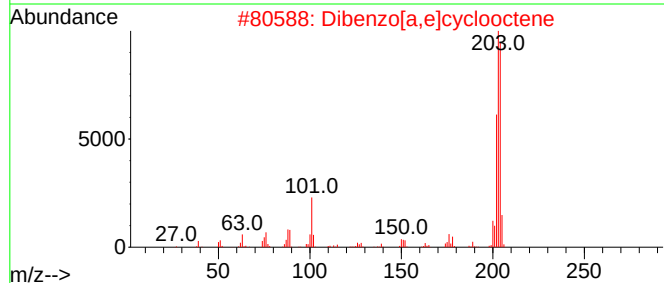
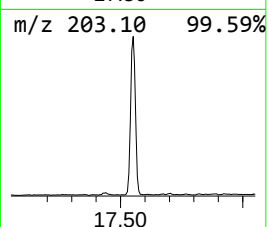
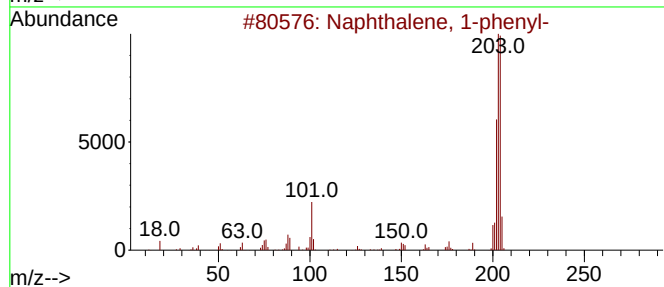
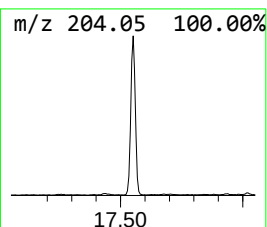
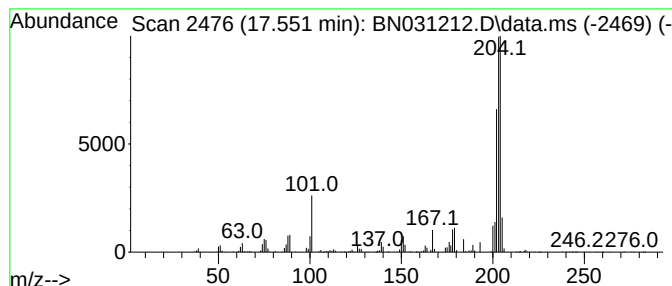
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 14 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.551	5.58 ng/ul	1127500	Phenanthrene-d10	17.034

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
2		Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	96
3		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	96
4		Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	93
5		Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

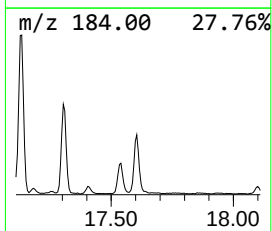
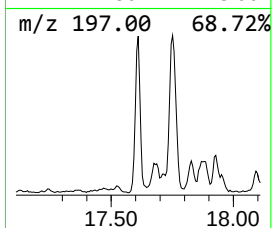
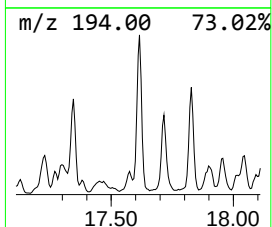
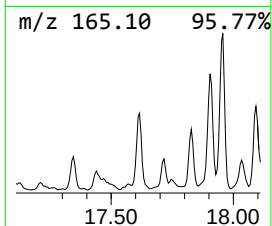
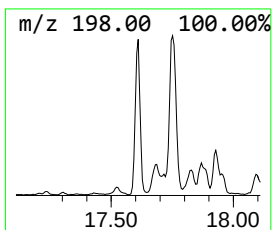
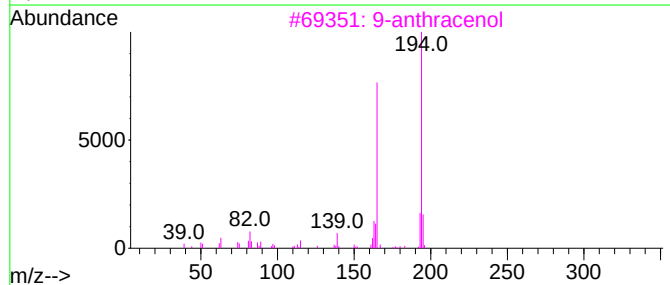
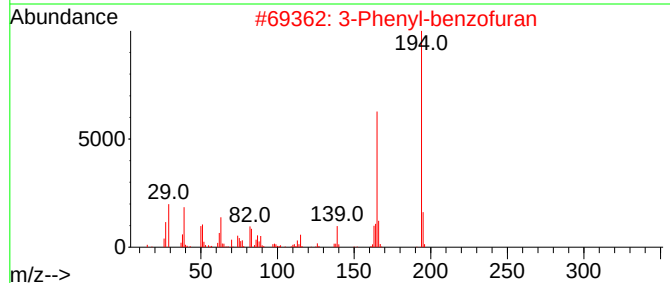
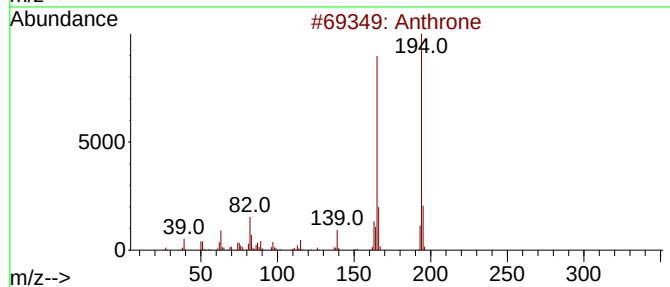
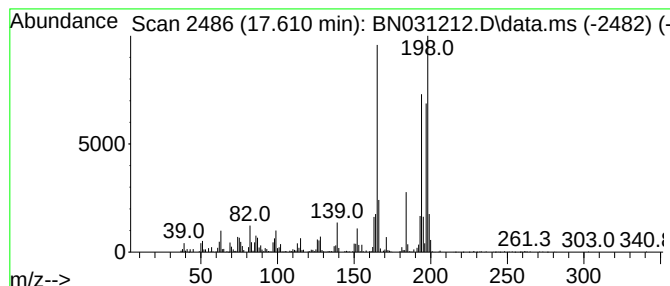
Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 15 Anthrone Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.610	5.10 ng/ul	1030760	Phenanthrene-d10	17.034	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	86
2	3-Phenyl-benzofuran	194	C14H10O	029909-72-6	52
3	9-anthracenol	194	C14H10O	1000400-30-3	46
4	3-Phenanthrol	194	C14H10O	000605-87-8	46
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	46



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

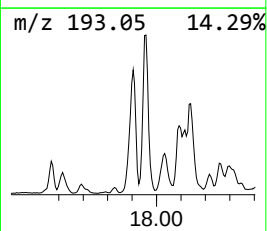
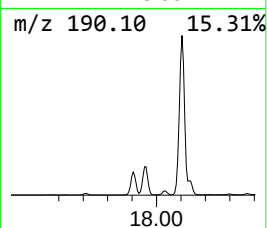
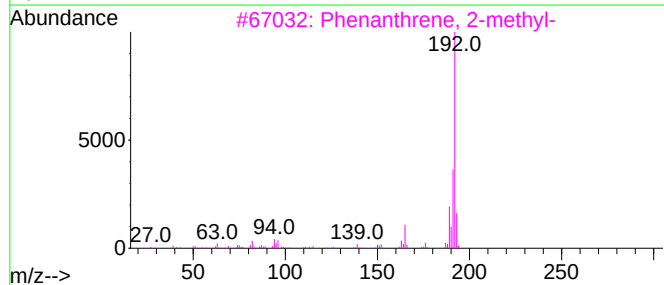
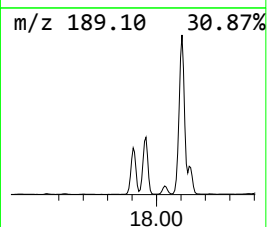
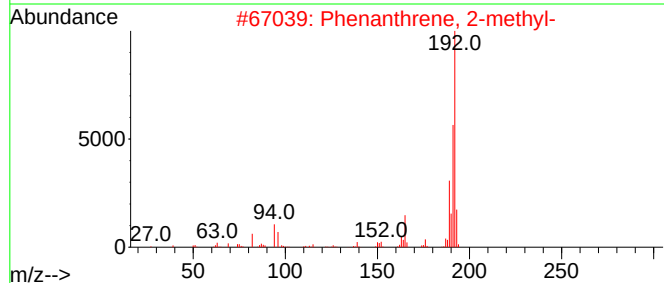
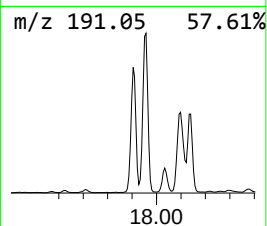
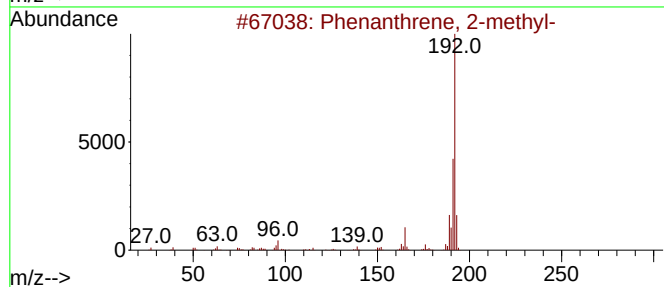
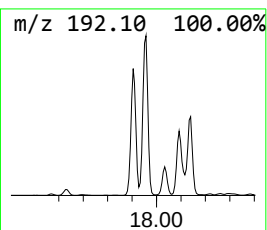
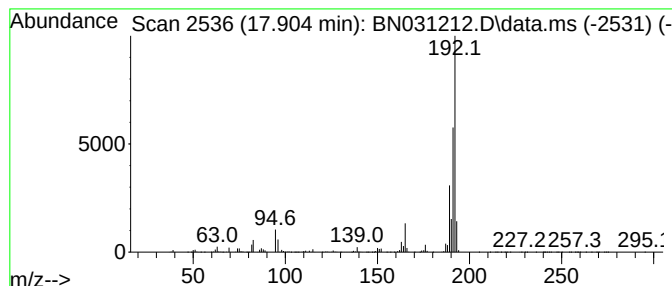
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.904	18.38 ng/ul	3714250	Phenanthrene-d10	17.034

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, 2-methyl-	192	C15H12	002531-84-2	95
4			Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

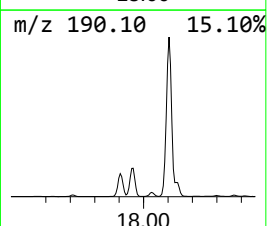
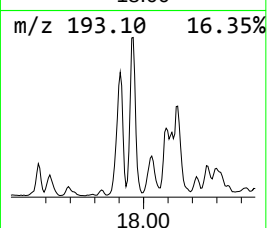
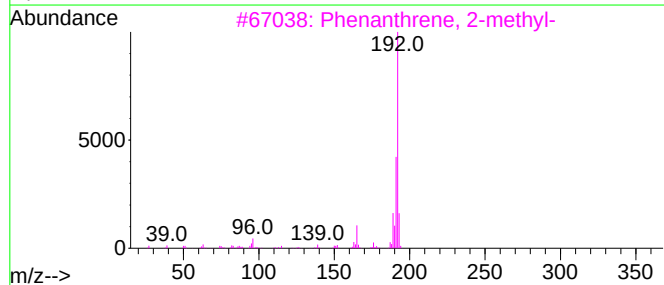
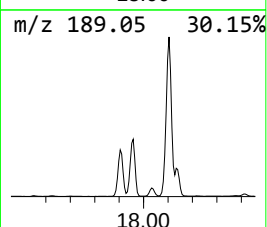
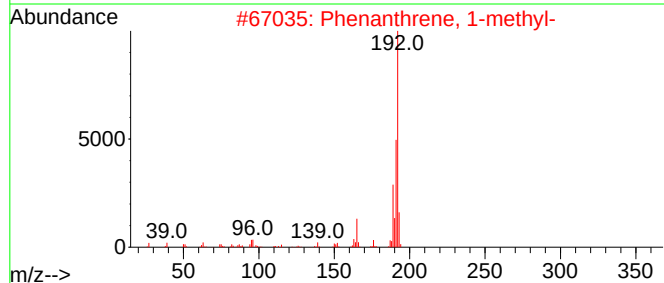
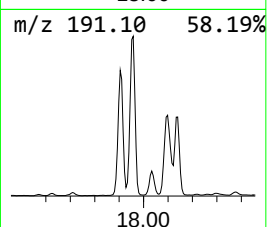
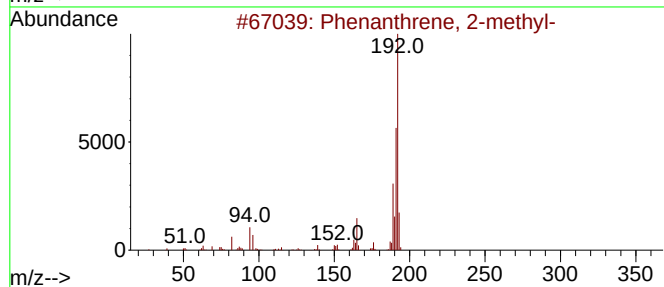
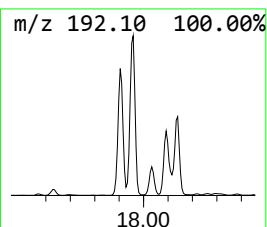
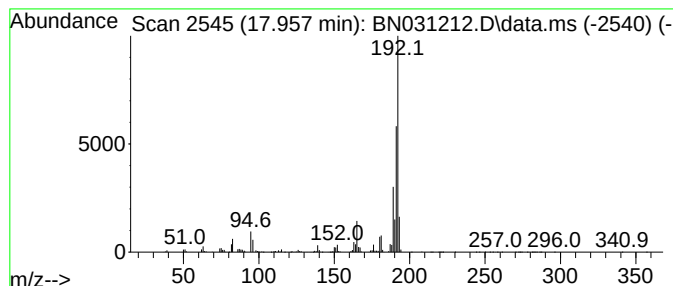
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.957	27.02 ng/ul	5460590	Phenanthrene-d10	17.034

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
5		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

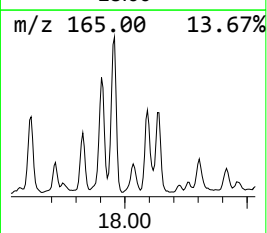
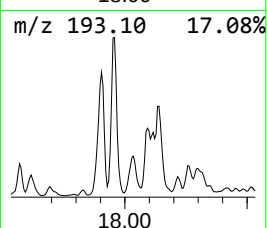
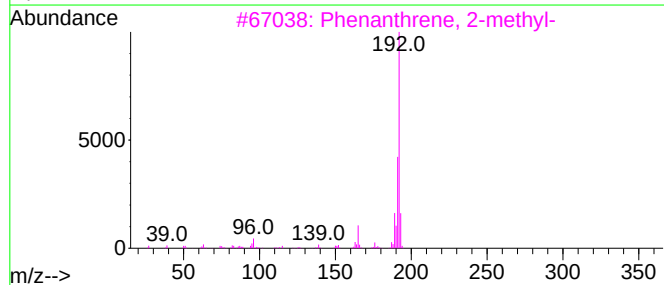
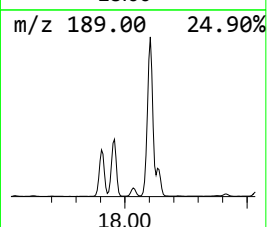
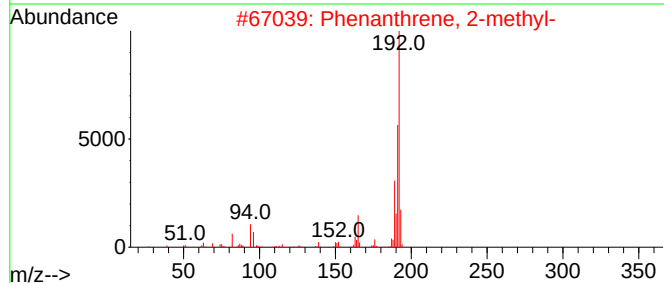
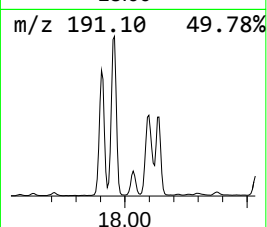
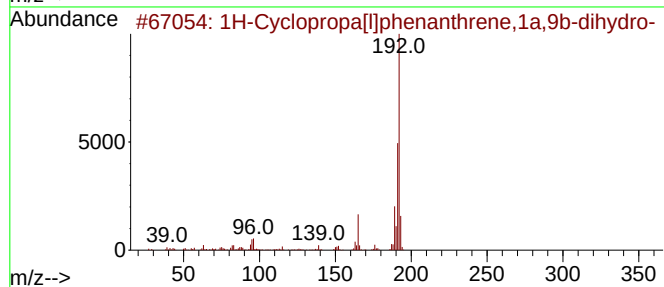
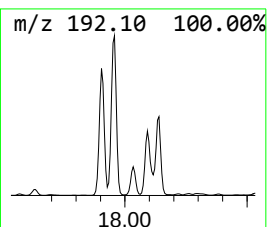
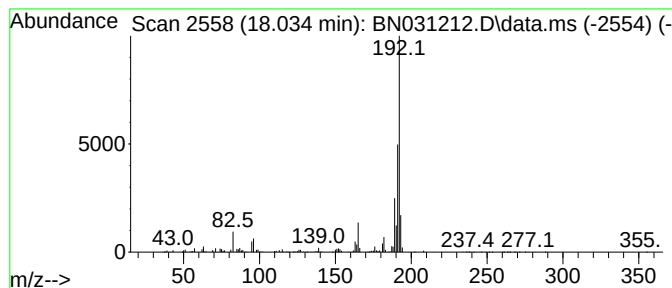
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 18 1H-Cyclopropa[l]phenanthren... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.034	3.74 ng/ul	755338	Phenanthrene-d10	17.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

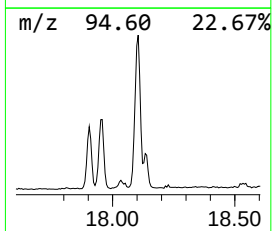
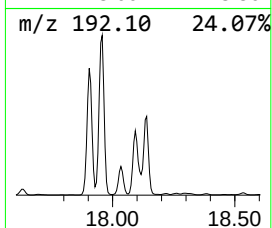
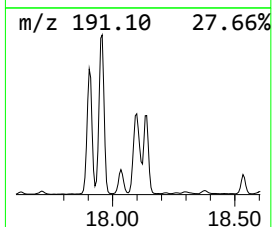
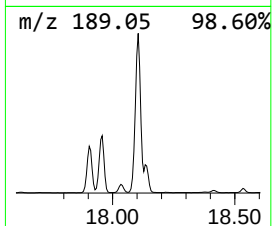
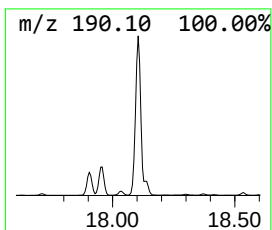
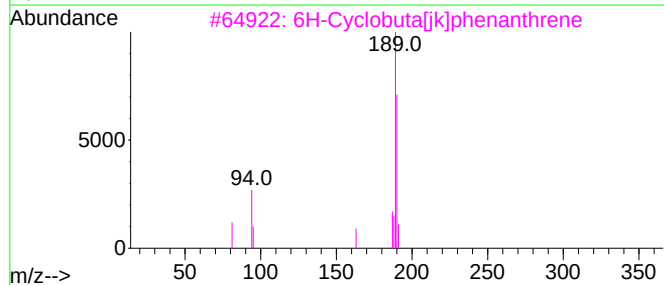
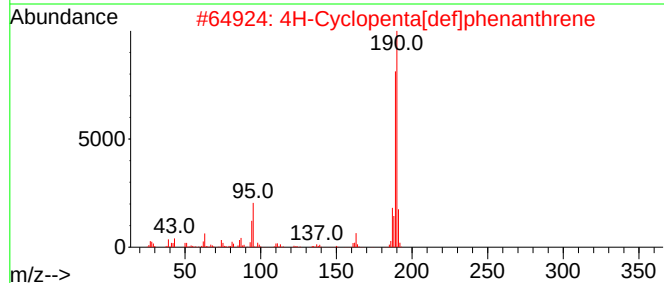
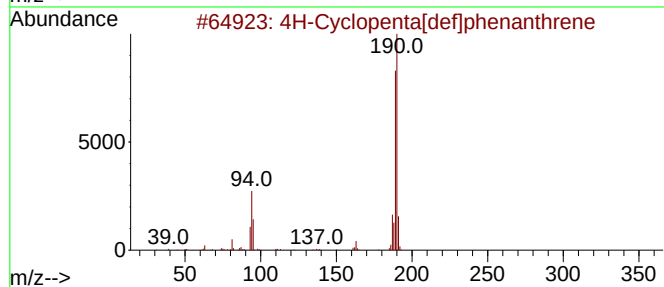
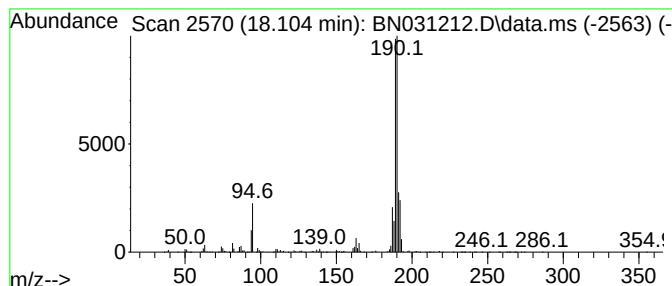
Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.104	29.72 ng/ul	6007410	Phenanthrene-d10	17.034	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
5	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

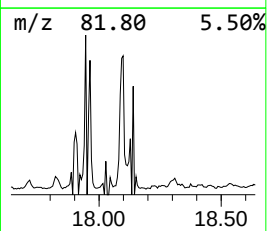
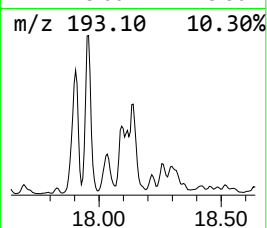
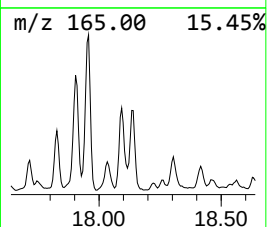
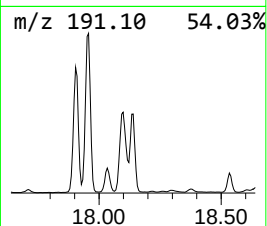
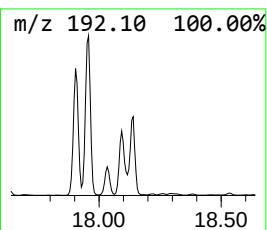
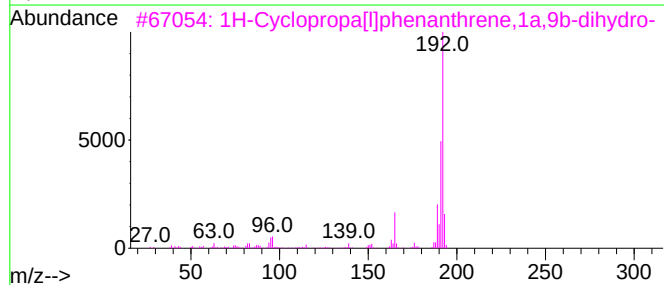
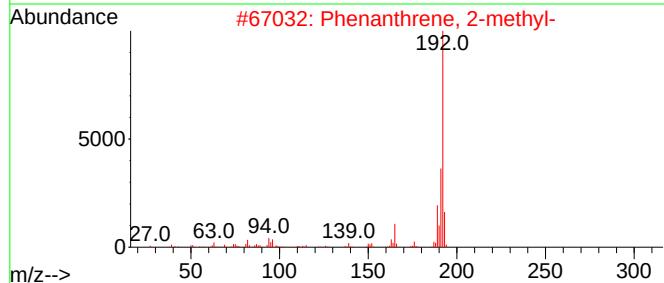
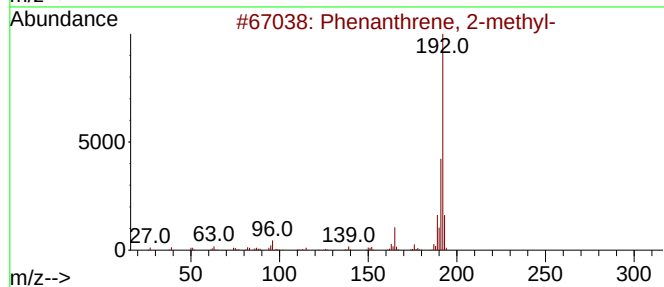
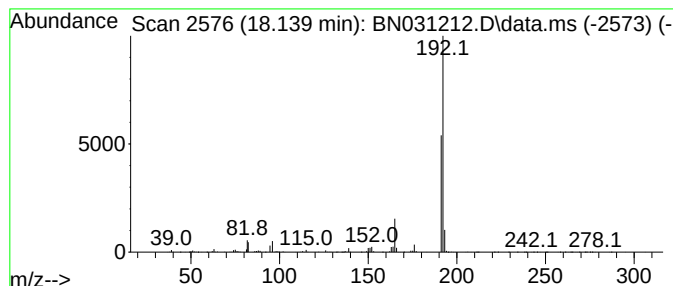
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.140	10.52 ng/ul	2125860	Phenanthrene-d10	17.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
5			Anthracene, 2-methyl-	192	C15H12	000613-12-7	80



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

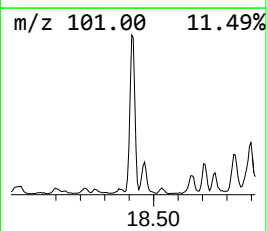
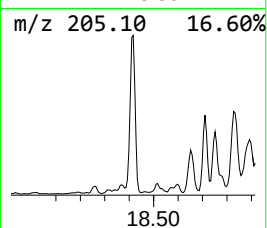
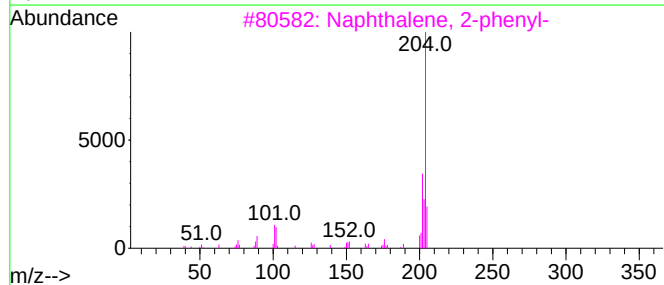
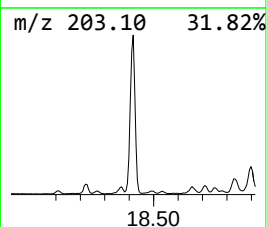
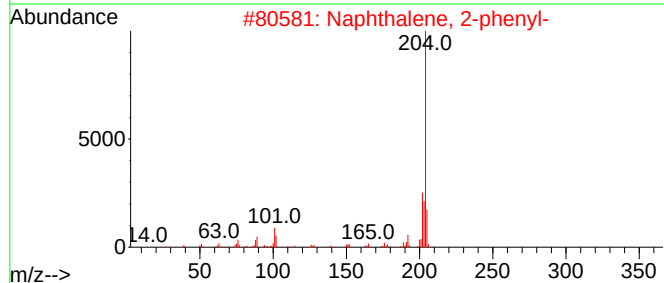
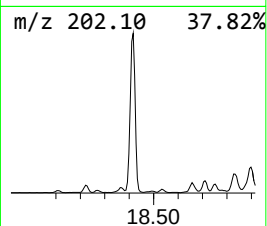
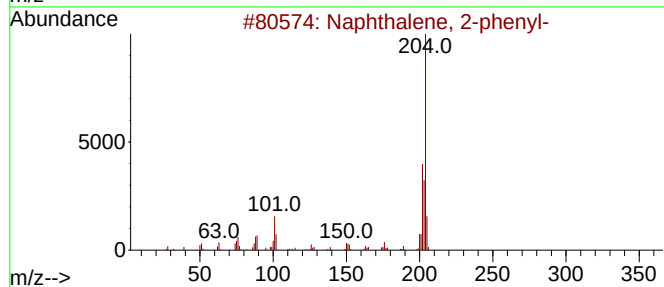
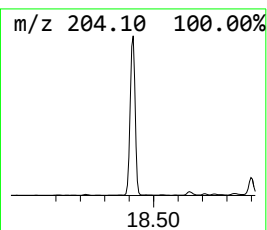
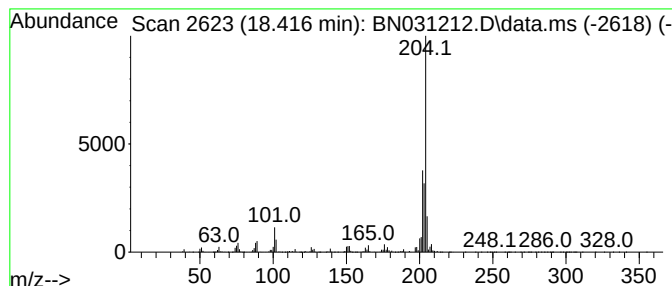
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.416	14.53 ng/ul	2936830	Phenanthrene-d10	17.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	95
2			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
3			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
4			5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
5			Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

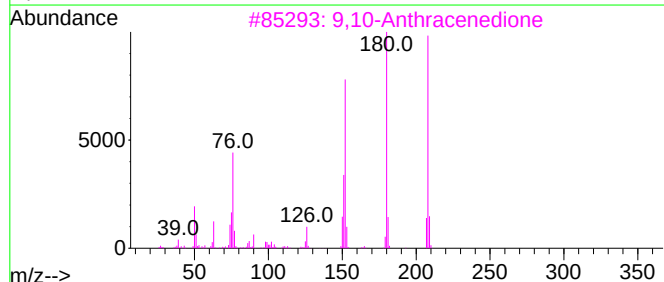
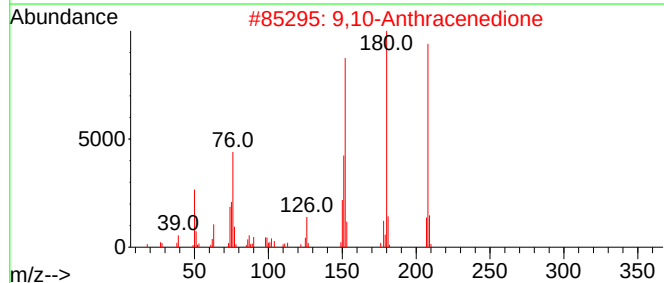
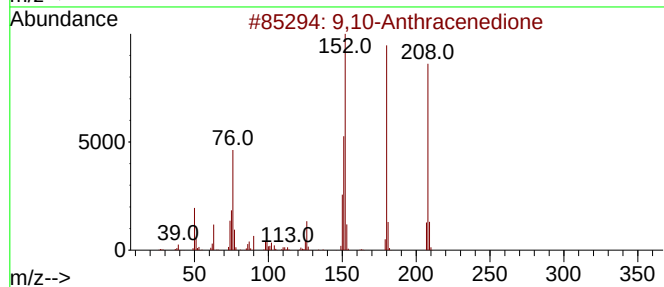
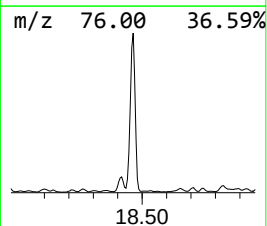
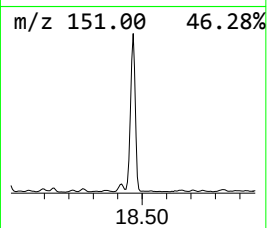
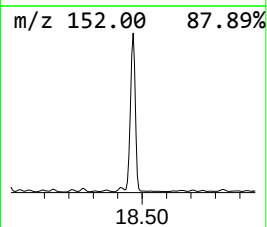
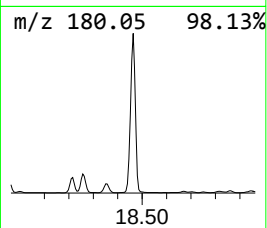
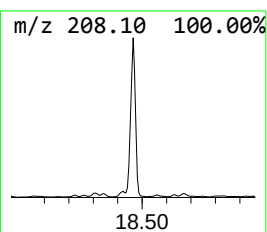
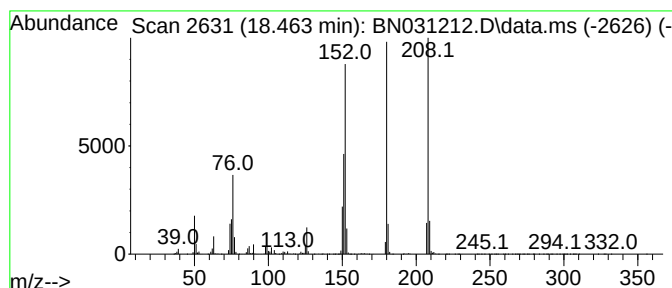
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 9,10-Anthracenedione Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.463	34.34 ng/ul	6940650	Phenanthrene-d10	17.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

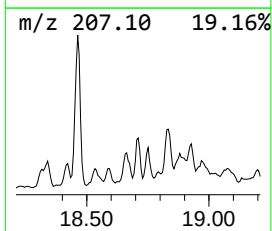
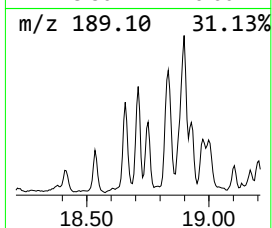
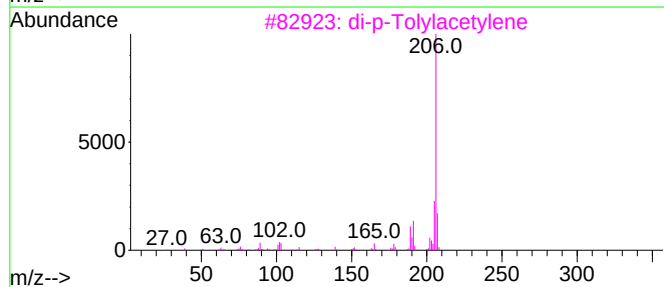
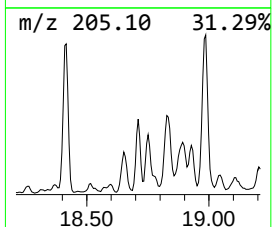
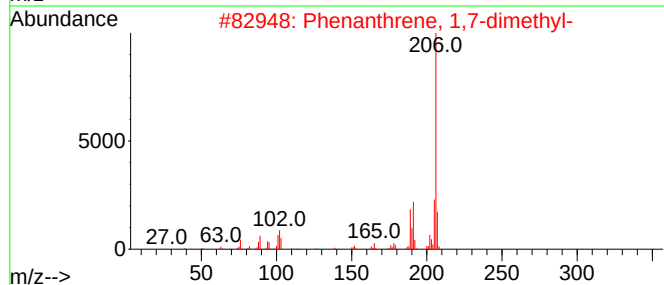
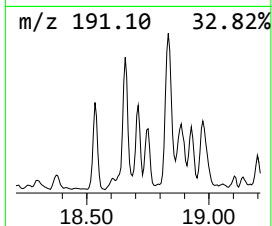
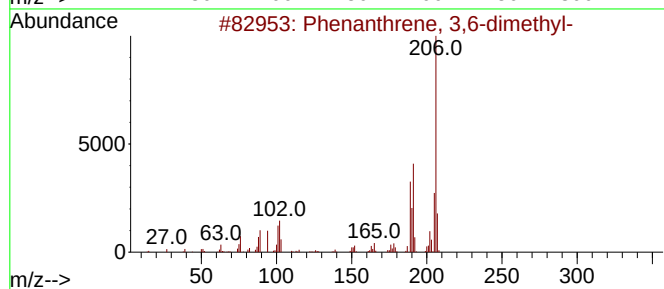
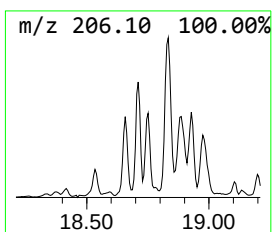
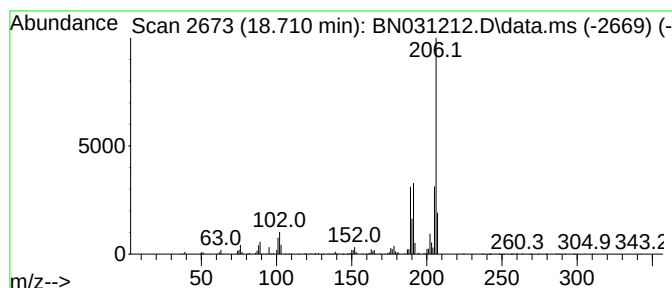
Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 Phenanthrene, 3,6-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.710	3.84 ng/ul	776125	Phenanthrene-d10	17.034	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	97
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	94
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

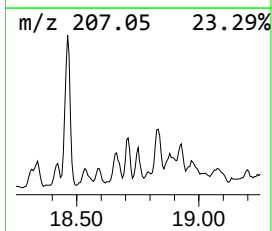
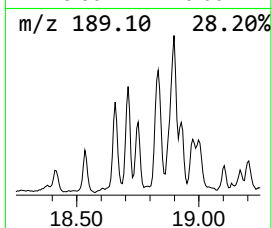
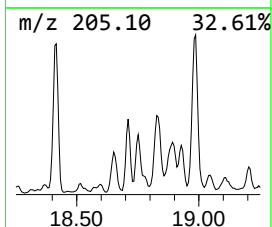
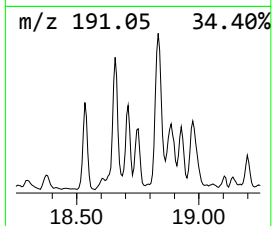
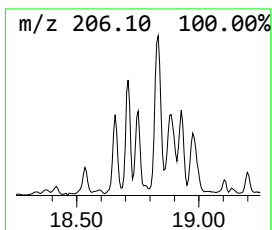
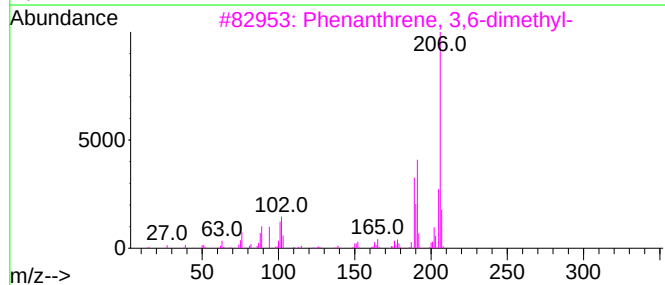
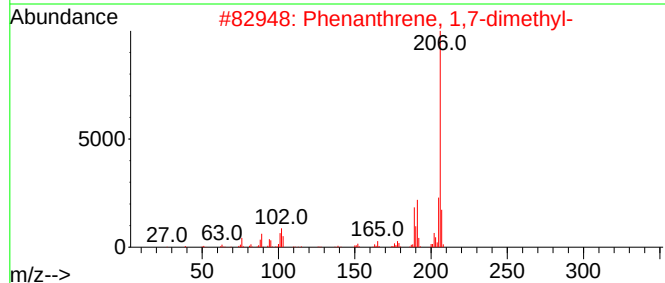
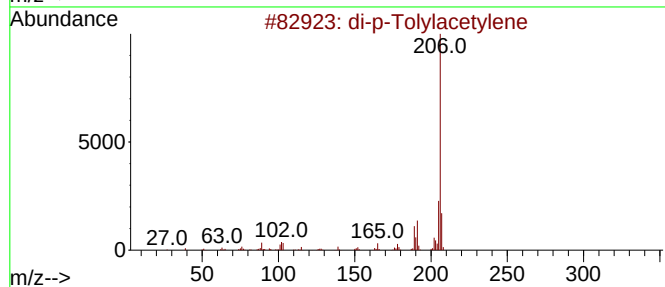
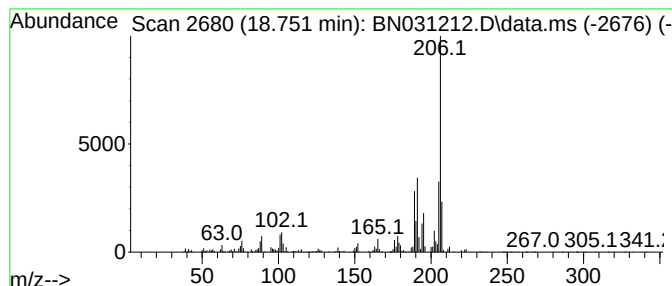
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 27 di-p-Tolylacetylene Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.751	3.21 ng/ul	648105	Phenanthrene-d10	17.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4			di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5			Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

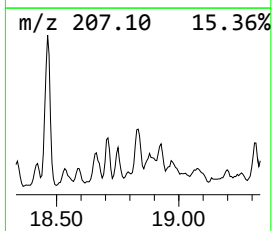
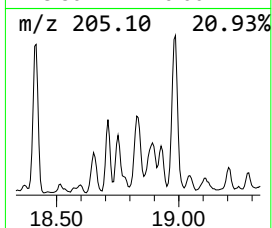
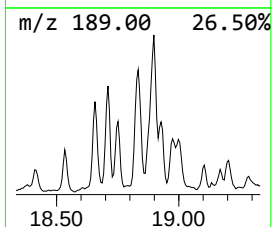
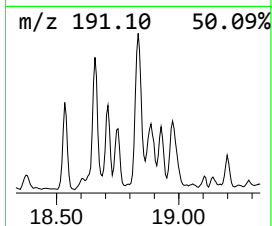
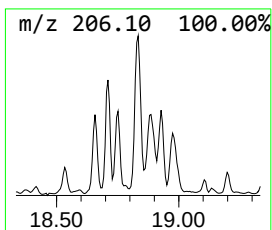
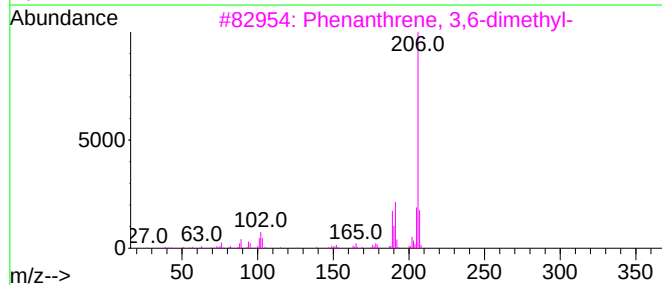
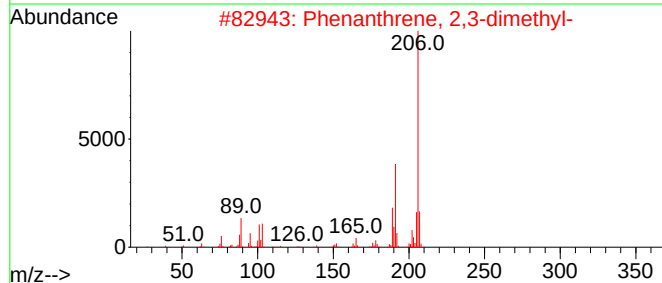
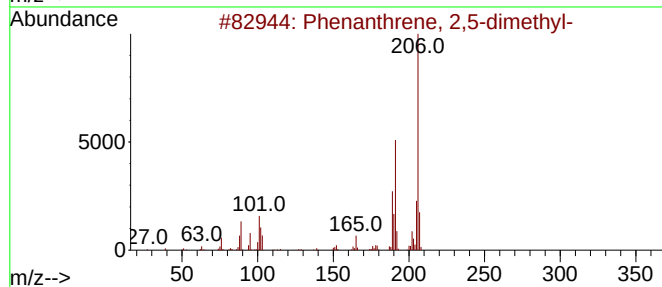
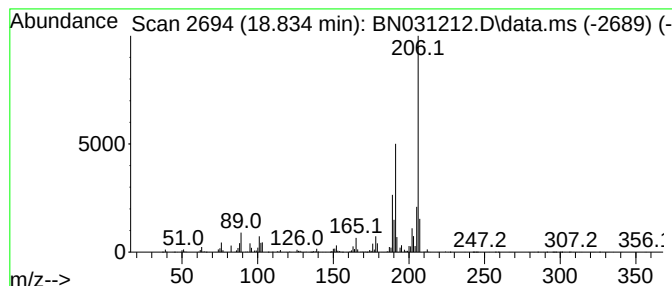
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 Phenanthrene, 2,5-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.834	8.09 ng/ul	1634400	Phenanthrene-d10	17.034

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	97
2			Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3			Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4			Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5			9,10-Dimethylanthracene	206	C16H14	000781-43-1	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

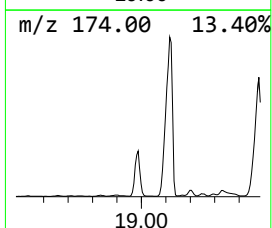
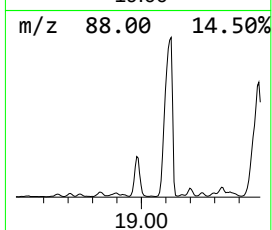
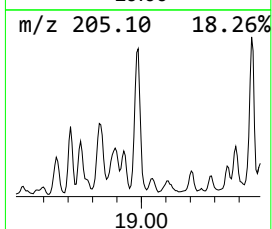
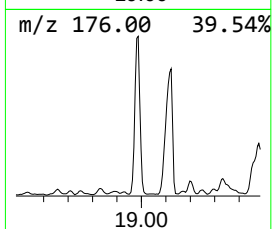
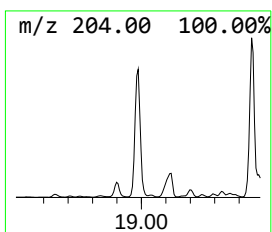
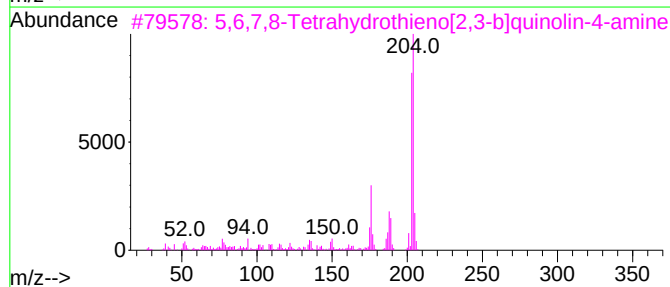
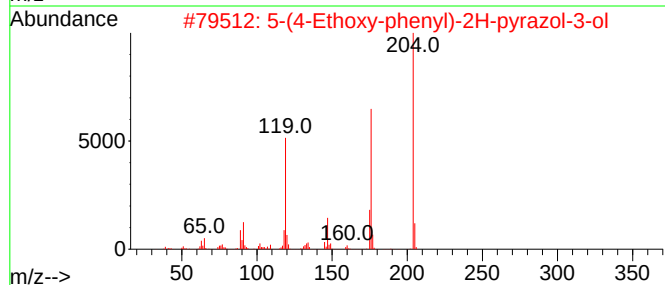
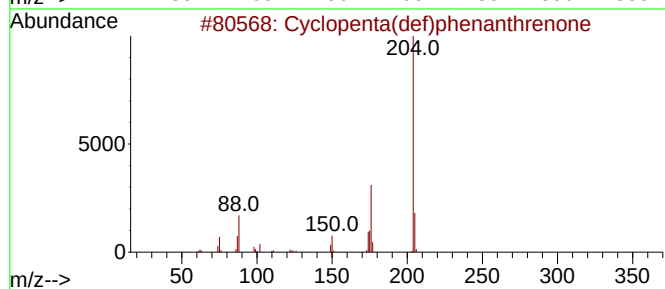
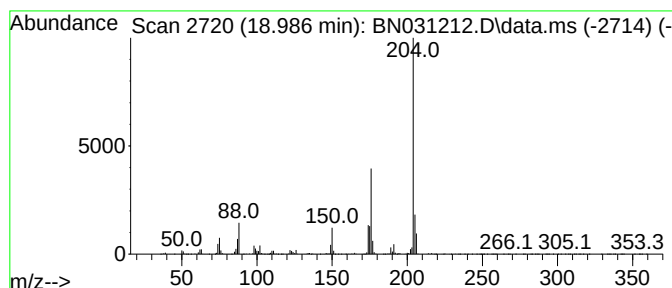
Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.986	16.79 ng/ul	3392650	Phenanthrene-d10	17.034	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	59
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

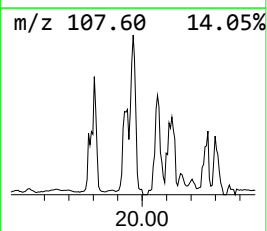
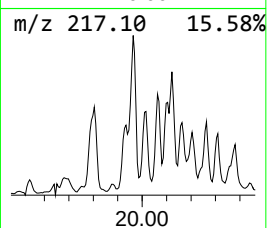
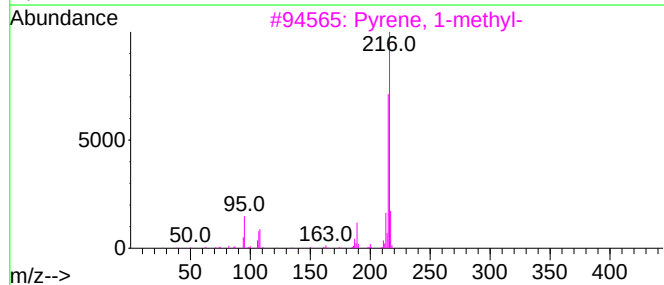
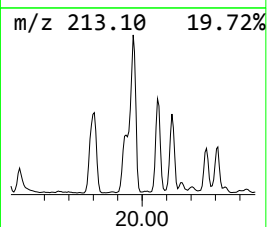
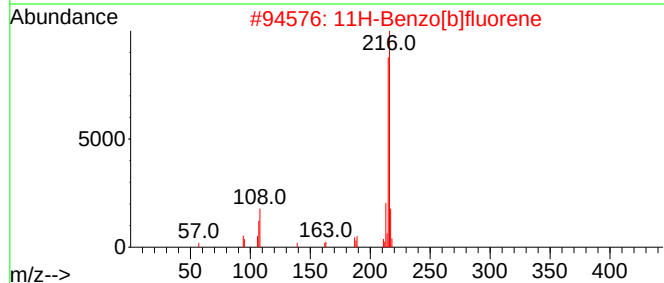
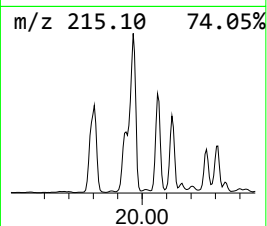
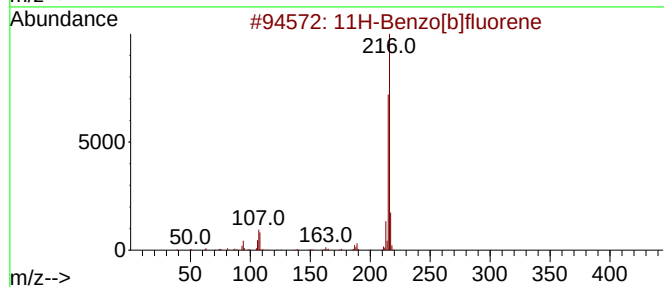
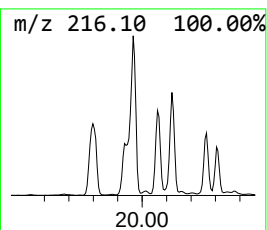
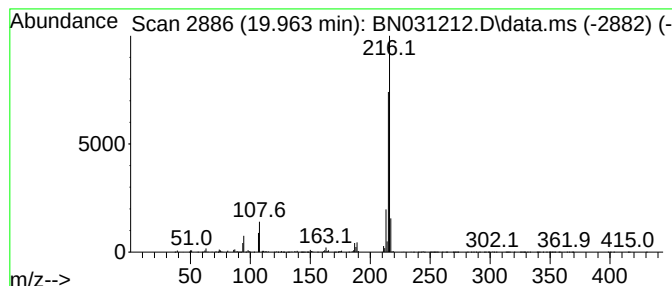
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 11H-Benzo[b]fluorene Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.963	3.95 ng/ul	4770460	Chrysene-d12	21.281

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	83



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

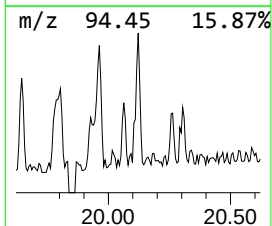
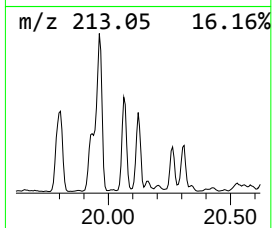
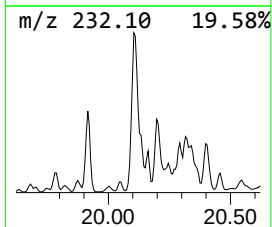
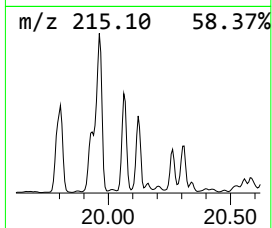
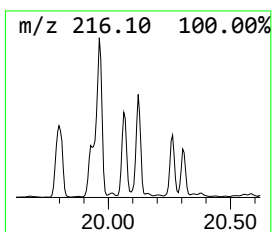
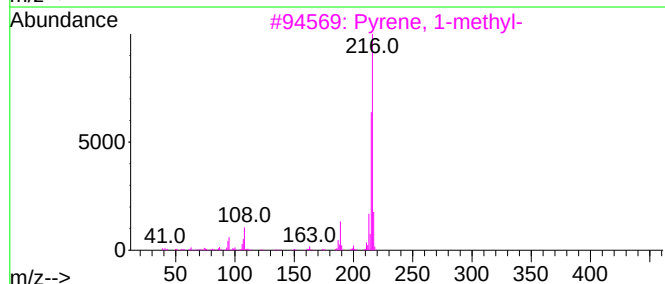
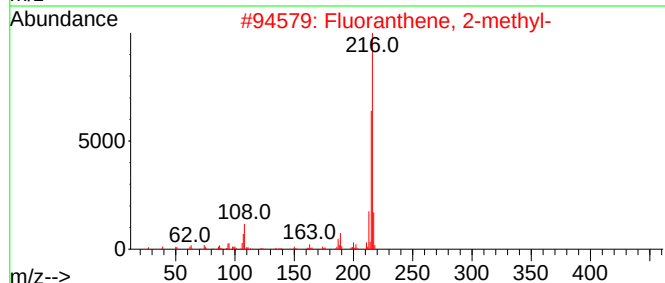
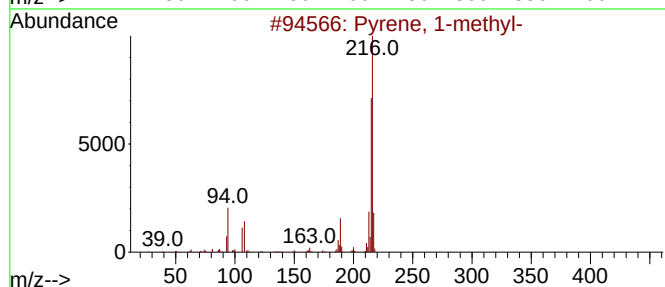
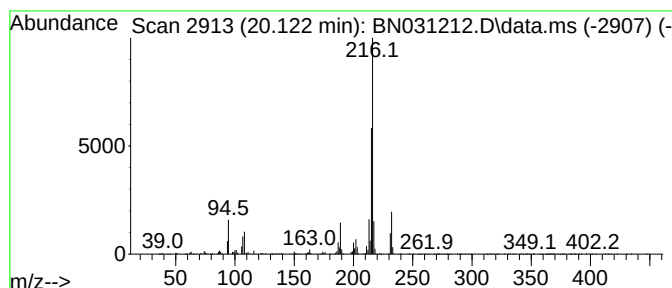
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 Pyrene, 1-methyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.122	3.38 ng/ul	4077750	Chrysene-d12	21.281

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	96
3			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

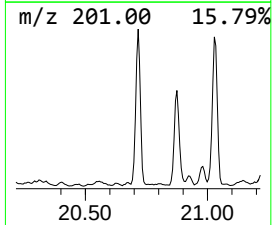
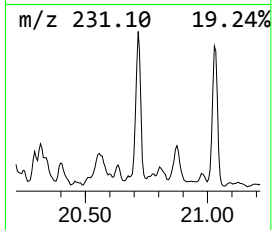
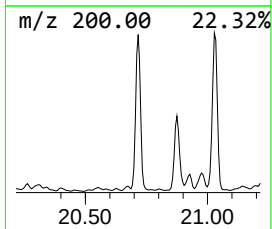
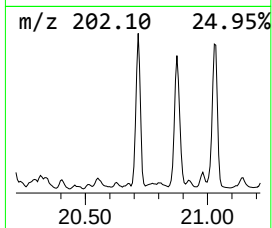
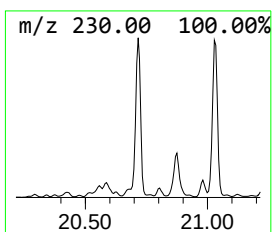
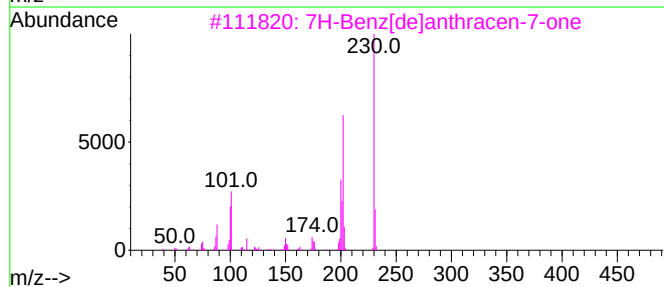
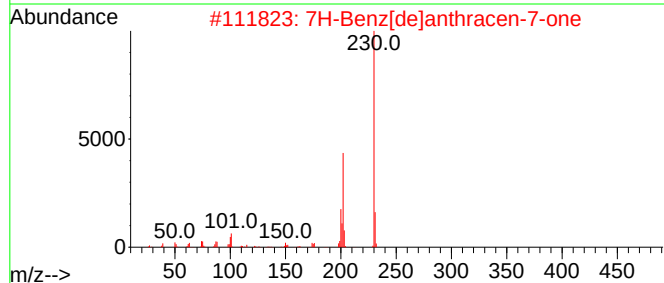
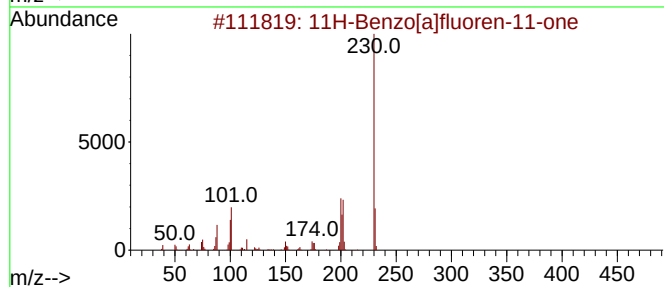
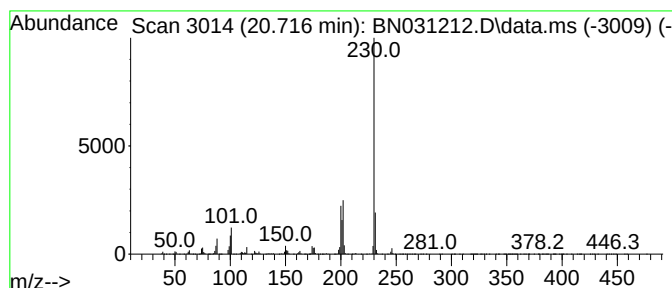
Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 37 11H-Benzo[a]fluoren-11-one Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.	
20.716	4.42 ng/ul	5338400	Chrysene-d12	21.281	
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	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

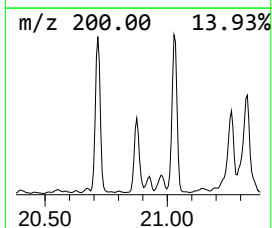
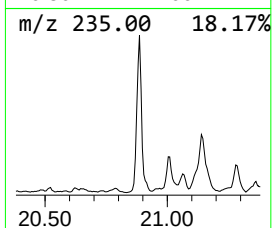
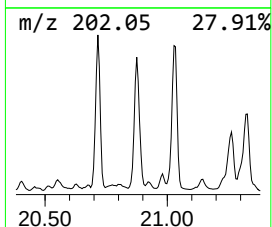
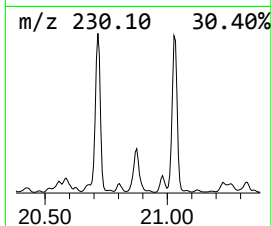
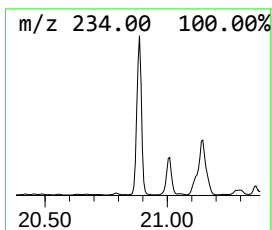
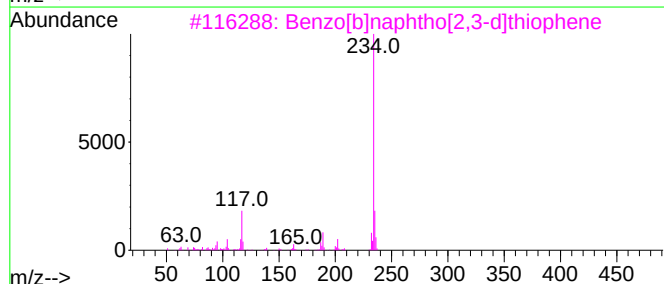
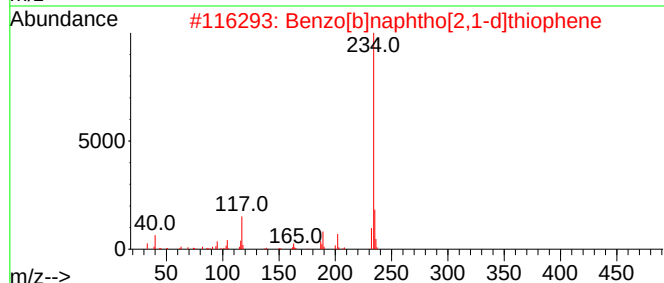
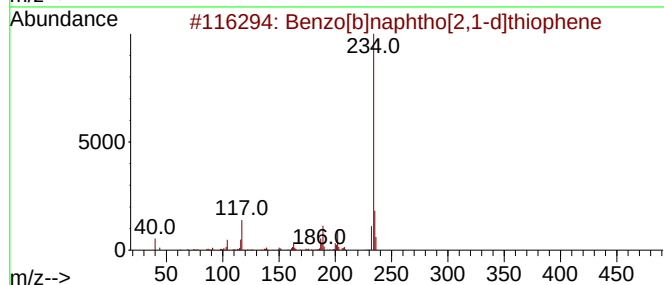
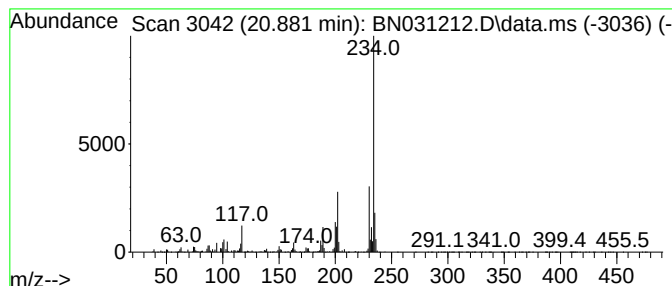
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 38 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.881	4.50 ng/ul	5441910	Chrysene-d12	21.281

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
3			Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	92
4			Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	70
5			Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

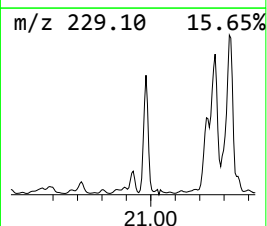
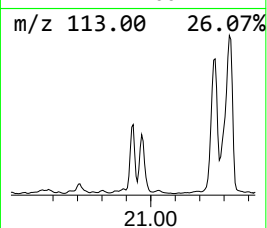
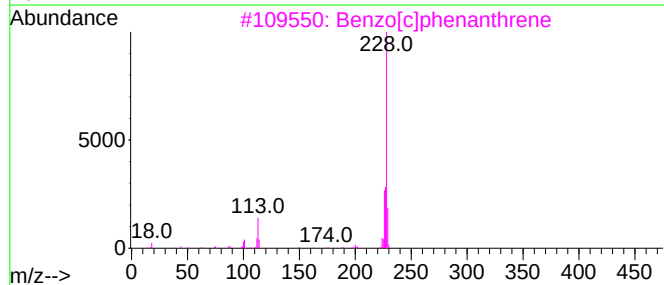
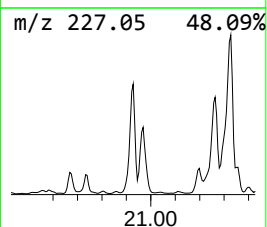
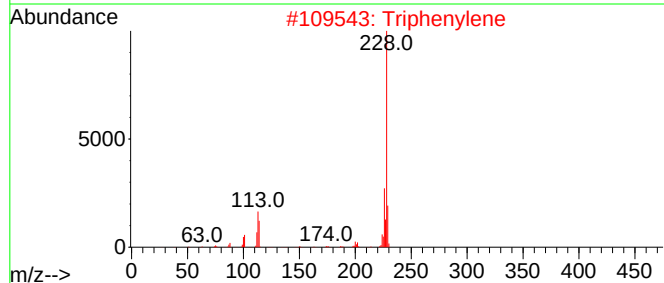
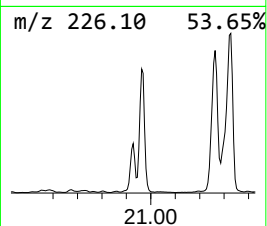
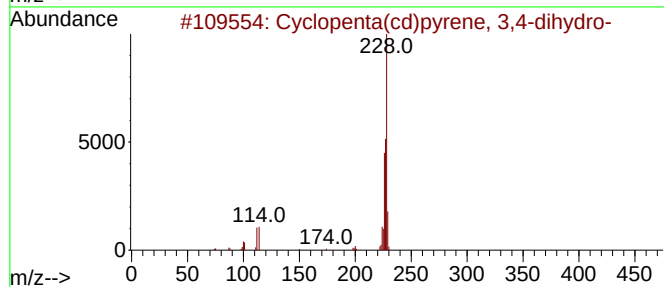
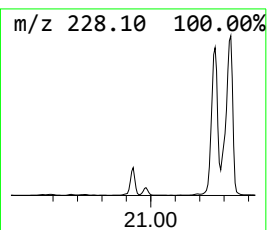
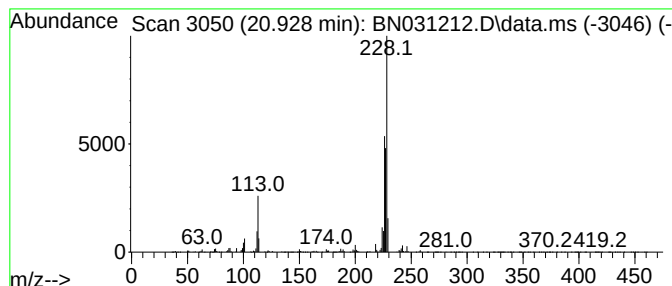
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 39 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.928	3.17 ng/ul	3827440	Chrysene-d12	21.281

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2			Triphenylene	228	C18H12	000217-59-4	49
3			Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
4			Benz[a]anthracene	228	C18H12	000056-55-3	49
5			5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

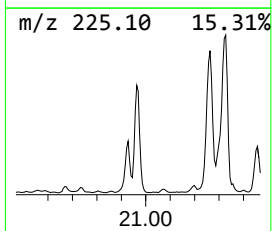
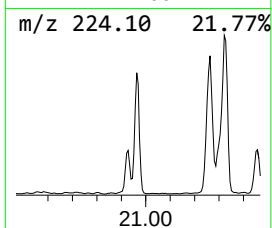
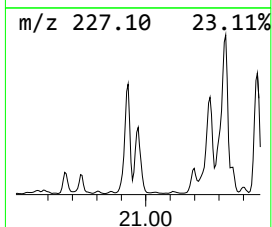
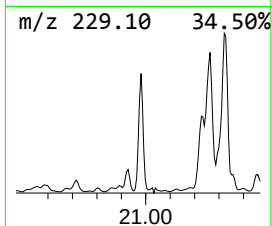
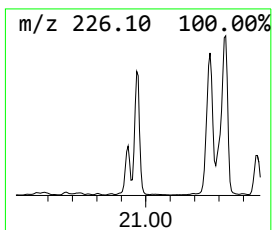
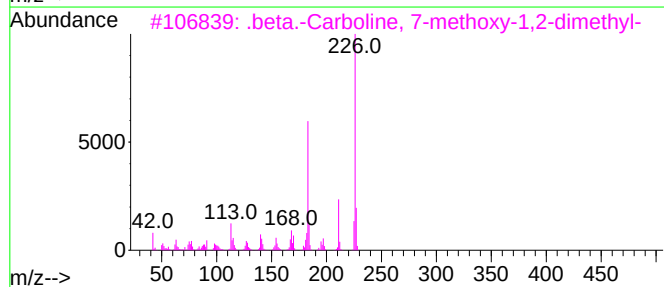
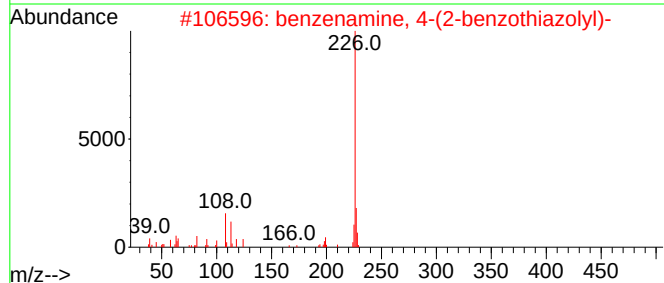
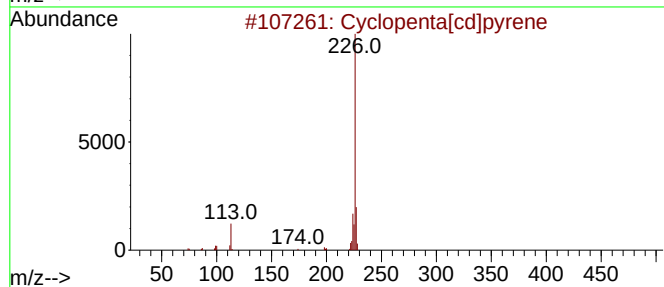
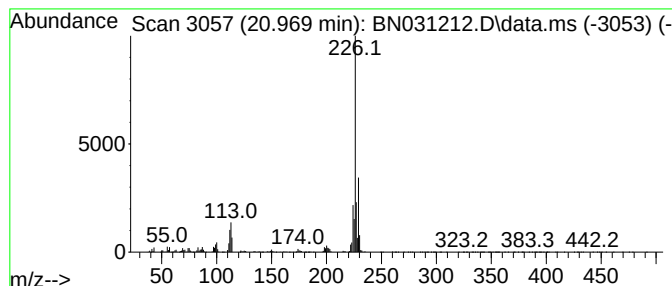
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 40 Cyclopenta[cd]pyrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.969	4.67 ng/ul	5643310	Chrysene-d12	21.281

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2			benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
3			.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
4			9H-Xanthen-9-one, 3-methoxy-	226	C14H10O3	003722-52-9	47
5			4-Naphthalen-2-yl-thiazol-2-ylamine	226	C13H10N2S	1000300-53-4	38



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

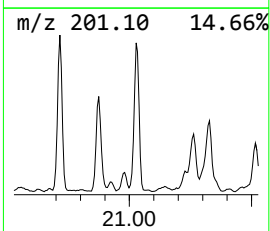
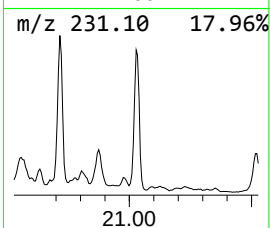
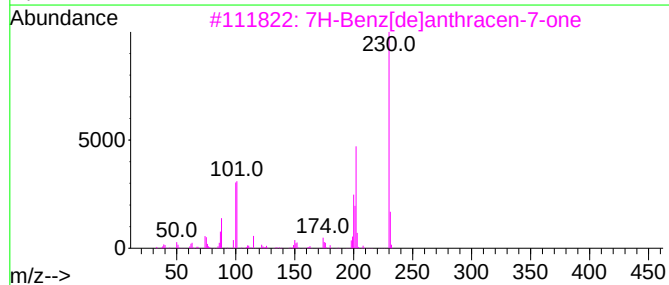
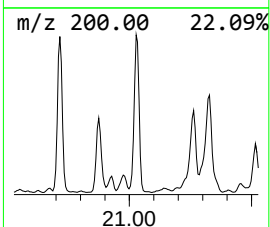
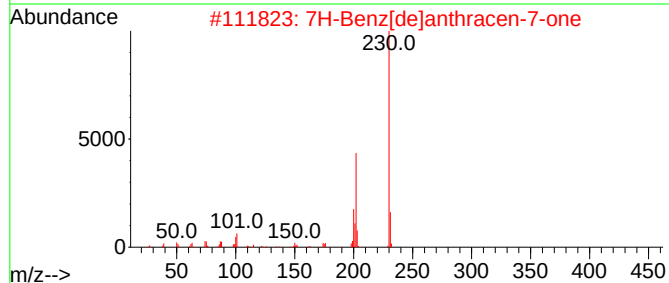
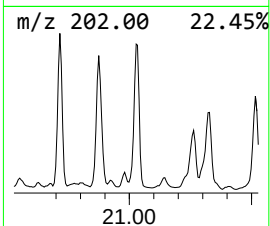
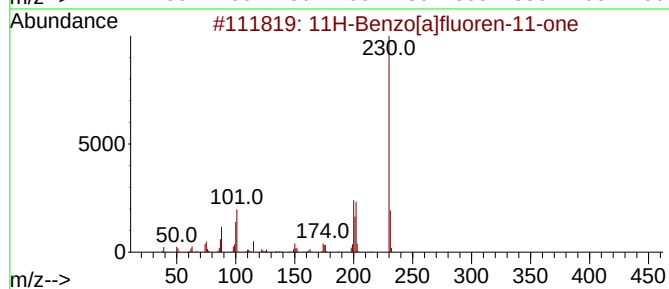
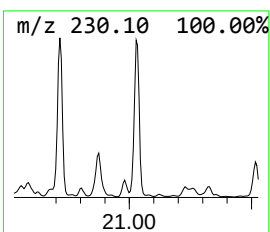
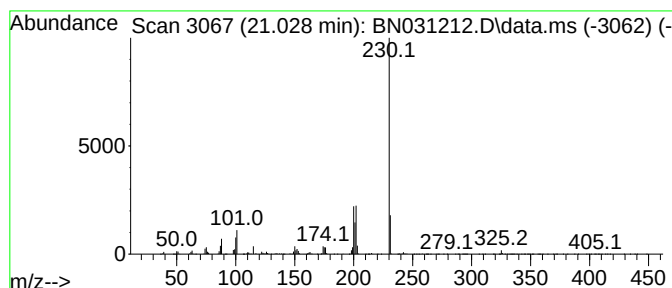
Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 41 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.028	5.27 ng/ul	6363910	Chrysene-d12	21.281	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

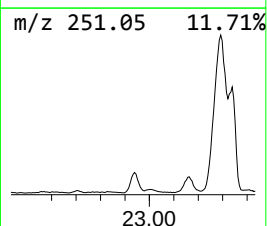
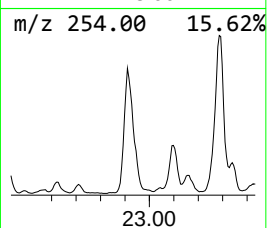
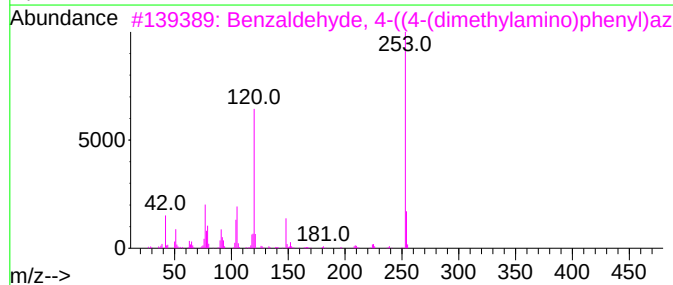
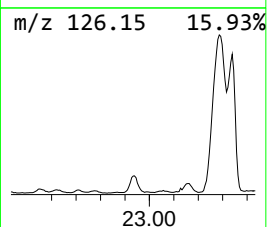
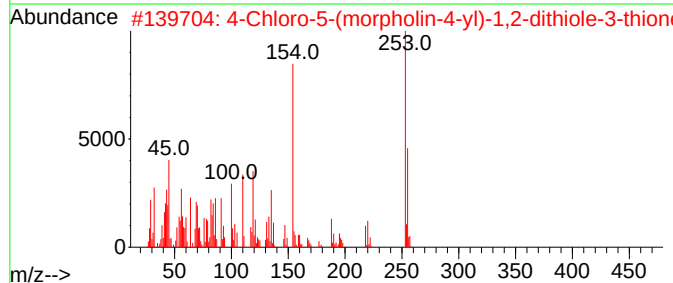
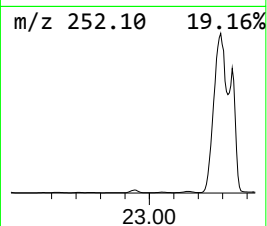
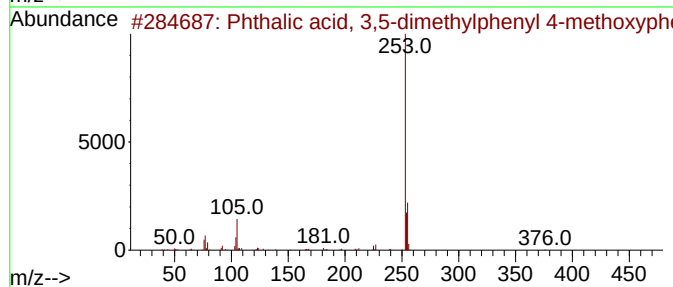
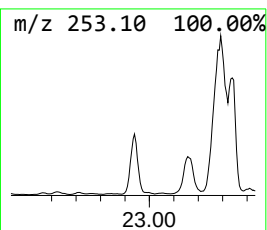
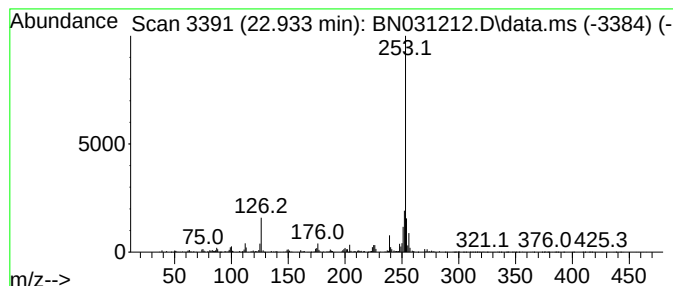
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.933	21.98 ng/ul	3342220	Perylene-d12	24.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phthalic acid, 3,5-dimethylpheny...	376	C23H20O5	1000315-68-2	47
2			4-Chloro-5-(morpholin-4-yl)-1,2-...	253	C7H8ClNOS3	1000489-19-3	47
3			Benzaldehyde, 4-((4-(dimethylami...	253	C15H15N3O	039208-00-9	47
4			5-Nitro-4-(pyrrol-1-yl)naphthale...	253	C14H11N3O2	1000443-35-3	47
5			9H-carbazole-3,6-diamine, N3,N3,...	253	C16H19N3	1010396-68-8	45



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

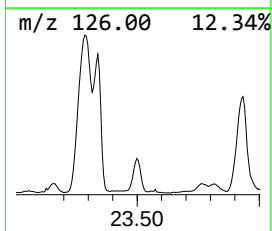
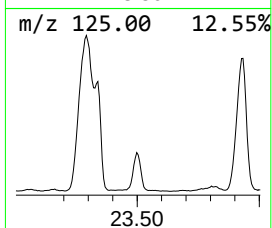
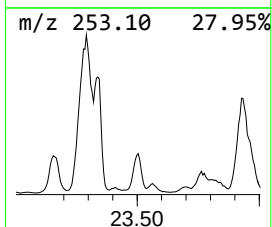
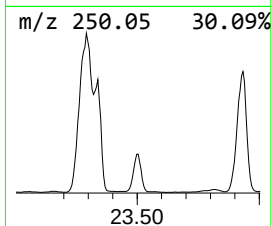
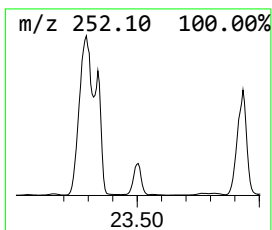
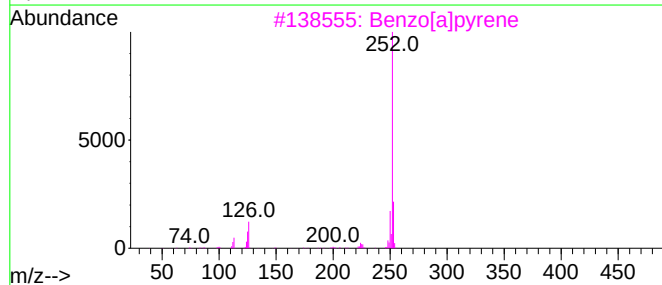
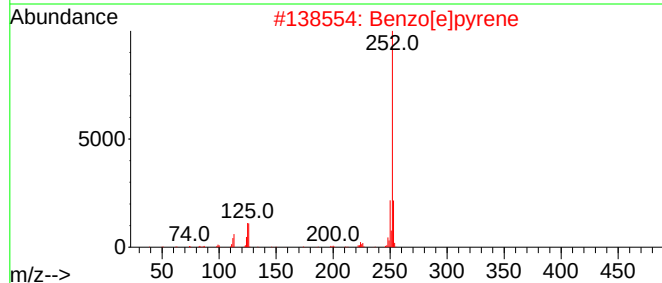
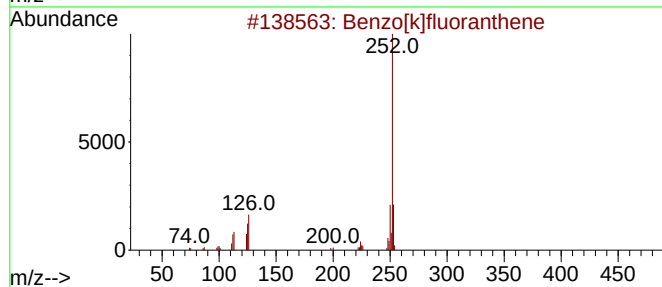
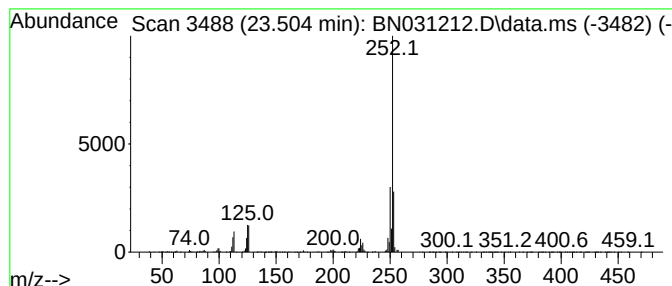
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 47 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.504	18.71 ng/ul	2844090	Perylene-d12	24.192

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2			Benzo[e]pyrene	252	C20H12	000192-97-2	98
3			Benzo[a]pyrene	252	C20H12	000050-32-8	94
4			Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5			Perylene	252	C20H12	000198-55-0	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA5

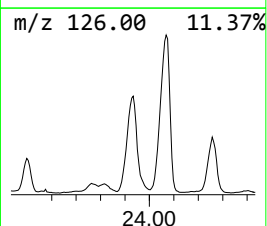
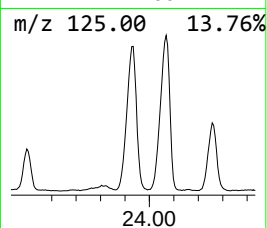
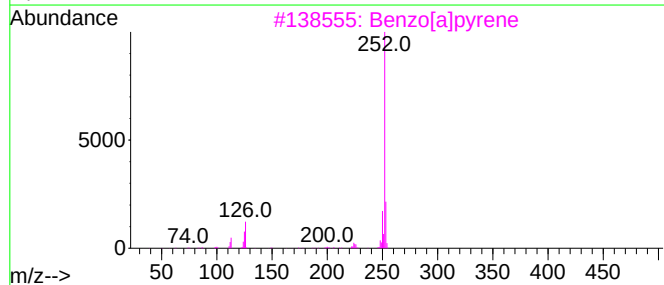
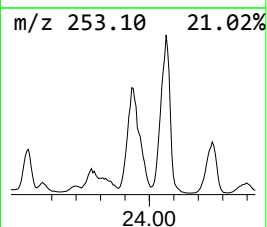
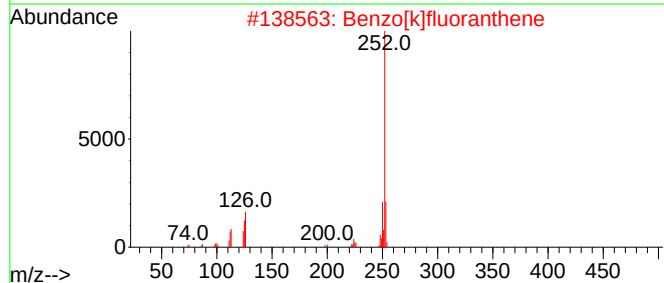
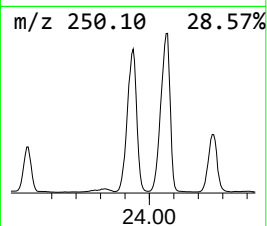
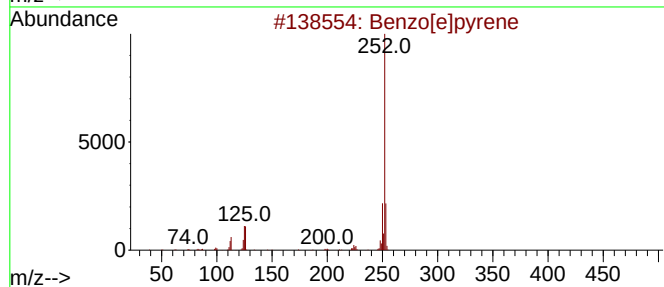
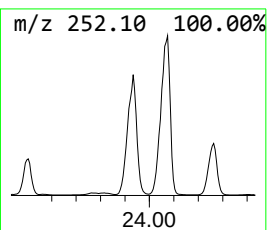
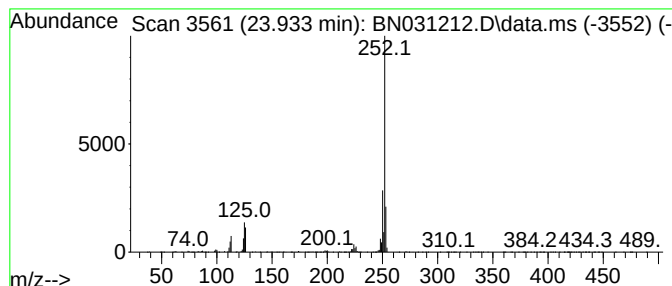
Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 48 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.933	86.80 ng/ul	13197600	Perylene-d12	24.192

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	98
3		Benzo[a]pyrene	252	C20H12	000050-32-8	97
4		Perylene	252	C20H12	000198-55-0	97
5		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
Data File : BN031212.D
Acq On : 25 Apr 2024 07:26
Operator : MA/JU
Sample : P2104-03
Misc :
ALS Vial : 21 Sample Multiplier: 1

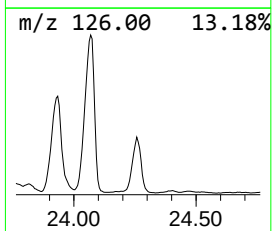
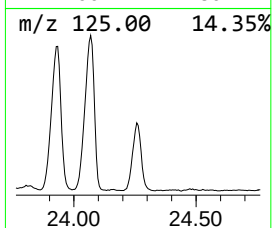
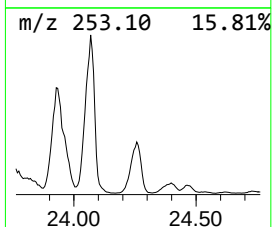
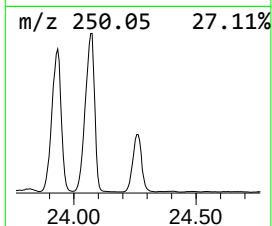
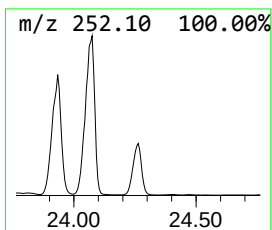
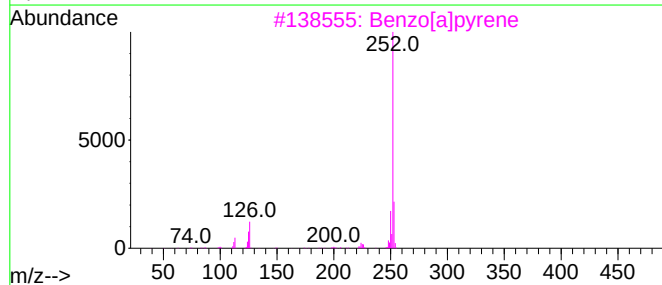
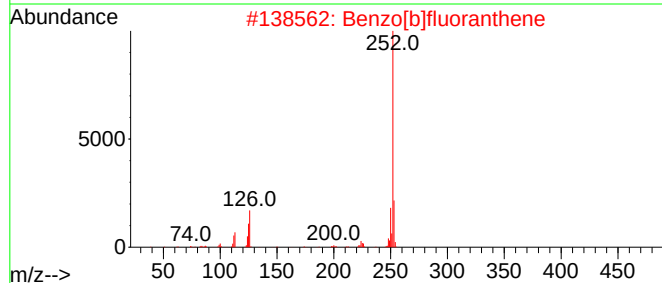
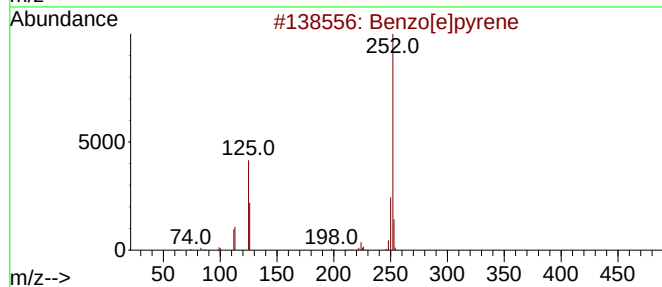
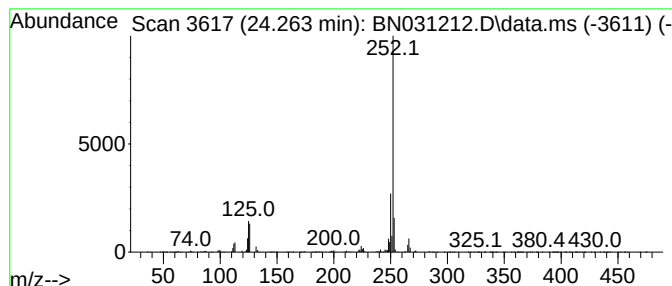
Instrument :
BNA_N
ClientSampleId :
C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 49 unknown-02 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
24.263	40.11 ng/ul	6098850	Perylene-d12	24.192	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
3	Benzo[a]pyrene	252	C20H12	000050-32-8	89
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	89
5	Benzo[e]pyrene	252	C20H12	000192-97-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN042424\
 Data File : BN031212.D
 Acq On : 25 Apr 2024 07:26
 Operator : MA/JU
 Sample : P2104-03
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 C0AA5

Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\SFAM-EPA-BN041924.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
(DEL) Alkane: S...	15.540	2.4	ng/ul	405979	3	14.275	3395060	20.0
Dibenzofuran, 4...	15.622	5.3	ng/ul	904866	3	14.275	3395060	20.0
[1,1'-Biphenyl]...	15.769	6.1	ng/ul	1239800	4	17.034	4042220	20.0
(DEL) Alkane: S...	16.016	5.6	ng/ul	1128610	4	17.034	4042220	20.0
9H-Fluorene, 1-...	16.334	4.3	ng/ul	877493	4	17.034	4042220	20.0
9H-Fluorene-9-one	16.687	12.6	ng/ul	2544370	4	17.034	4042220	20.0
(DEL) Alkane: S...	16.787	2.0	ng/ul	414847	4	17.034	4042220	20.0
Dibenzothiophene	16.845	12.3	ng/ul	2483610	4	17.034	4042220	20.0
Acridine	17.222	7.0	ng/ul	1424080	4	17.034	4042220	20.0
Naphthalene, 1-...	17.551	5.6	ng/ul	1127500	4	17.034	4042220	20.0
Anthrone	17.610	5.1	ng/ul	1030760	4	17.034	4042220	20.0
Phenanthrene, 2...	17.904	18.4	ng/ul	3714250	4	17.034	4042220	20.0
Phenanthrene, 1...	17.957	27.0	ng/ul	5460590	4	17.034	4042220	20.0
1H-Cyclopropa[1...	18.034	3.7	ng/ul	755338	4	17.034	4042220	20.0
4H-Cyclopenta[d...	18.104	29.7	ng/ul	6007410	4	17.034	4042220	20.0
Anthracene, 2-m...	18.140	10.5	ng/ul	2125860	4	17.034	4042220	20.0
Naphthalene, 2-...	18.416	14.5	ng/ul	2936830	4	17.034	4042220	20.0
9,10-Anthracene...	18.463	34.3	ng/ul	6940650	4	17.034	4042220	20.0
Phenanthrene, 3...	18.710	3.8	ng/ul	776125	4	17.034	4042220	20.0
di-p-Tolylacety...	18.751	3.2	ng/ul	648105	4	17.034	4042220	20.0
Phenanthrene, 2...	18.834	8.1	ng/ul	1634400	4	17.034	4042220	20.0
Cyclopenta(def)...	18.986	16.8	ng/ul	3392650	4	17.034	4042220	20.0
11H-Benzo[b]flu...	19.963	4.0	ng/ul	4770460	5	21.281	24164300	20.0
Pyrene, 1-methyl-	20.122	3.4	ng/ul	4077750	5	21.281	24164300	20.0
11H-Benzo[a]flu...	20.716	4.4	ng/ul	5338400	5	21.281	24164300	20.0
Benzo[b]naphtho...	20.881	4.5	ng/ul	5441910	5	21.281	24164300	20.0
Cyclopenta(cd)p...	20.928	3.2	ng/ul	3827440	5	21.281	24164300	20.0
Cyclopenta[cd]p...	20.969	4.7	ng/ul	5643310	5	21.281	24164300	20.0
7H-Benz[de]anth...	21.028	5.3	ng/ul	6363910	5	21.281	24164300	20.0
unknown-01	22.933	22.0	ng/ul	3342220	6	24.192	3040850	20.0
Benzo[e]pyrene	23.504	18.7	ng/ul	2844090	6	24.192	3040850	20.0
Perylene	23.933	86.8	ng/ul	13197600	6	24.192	3040850	20.0
unknown-02	24.263	40.1	ng/ul	6098850	6	24.192	3040850	20.0