

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049527.D
 Acq On : 30 Jan 2025 15:02
 Operator : RC/JU
 Sample : Q1189-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R4

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_M\Methods\SFAM-EPA-BM012825.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM049527.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.551	428	436	452	rBV	900737	1951119	1.48%	0.160%
2	7.175	703	712	721	rBV	872180	1783205	1.36%	0.146%
3	7.510	761	769	777	rVB	913645	1432142	1.09%	0.118%
4	7.763	804	812	841	rBV	3723830	6709288	5.10%	0.551%
5	8.040	852	859	881	rBV	1533857	2922310	2.22%	0.240%
6	9.710	1135	1143	1149	rBV2	667594	1363091	1.04%	0.112%
7	10.269	1231	1238	1242	rBV	1159782	1952775	1.48%	0.160%
8	11.786	1479	1496	1512	rVB3	1870930	5448691	4.14%	0.447%
9	13.386	1762	1768	1777	rBV	923336	1738523	1.32%	0.143%
10	13.569	1794	1799	1801	rVV2	1604598	2243819	1.71%	0.184%
11	13.598	1801	1804	1810	rVV	3116666	4724124	3.59%	0.388%
12	13.869	1840	1850	1863	rBV	10510036	18589292	14.14%	1.527%
13	14.145	1893	1897	1902	rVV	2135434	3095750	2.35%	0.254%
14	14.210	1904	1908	1916	rVB	1160237	1799744	1.37%	0.148%
15	14.551	1963	1966	1976	rVB4	622453	1259460	0.96%	0.103%
16	14.763	1996	2002	2008	rBV3	1463231	3405369	2.59%	0.280%
17	14.945	2026	2033	2036	rBV4	592181	1394115	1.06%	0.114%
18	15.027	2042	2047	2055	rVB	2736541	3608127	2.74%	0.296%
19	15.151	2064	2068	2073	rVB	3269805	4447689	3.38%	0.365%
20	15.227	2073	2081	2089	rBV	1624910	4181226	3.18%	0.343%
21	15.333	2095	2099	2103	rVB3	1462258	1933549	1.47%	0.159%
22	15.410	2108	2112	2115	rBV3	1131840	2057950	1.56%	0.169%
23	15.663	2150	2155	2161	rVB4	766329	1573828	1.20%	0.129%
24	15.886	2188	2193	2196	rVV3	1752719	2920459	2.22%	0.240%
25	15.921	2196	2199	2204	rVB	1858220	2626456	2.00%	0.216%
26	16.215	2243	2249	2254	rBV5	835050	1968393	1.50%	0.162%
27	16.486	2291	2295	2299	rVB	1776148	2548540	1.94%	0.209%
28	16.562	2305	2308	2317	rVB3	1302582	2212281	1.68%	0.182%
29	16.645	2318	2322	2327	rVB2	1138856	1798081	1.37%	0.148%
30	16.745	2333	2339	2346	rVB5	1738141	3732525	2.84%	0.307%
31	16.904	2362	2366	2369	rBV	1848252	2541360	1.93%	0.209%
32	16.951	2369	2374	2379	rVV	9619764	13694707	10.41%	1.125%
33	17.004	2379	2383	2385	rVV2	1707216	2493592	1.90%	0.205%
34	17.045	2385	2390	2394	rVV	14322980	21068317	16.02%	1.730%
35	17.098	2394	2399	2406	rVB4	2224362	4201810	3.20%	0.345%
36	17.315	2433	2436	2440	rBV	1517429	1940749	1.48%	0.159%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049527.D
 Acq On : 30 Jan 2025 15:02
 Operator : RC/JU
 Sample : Q1189-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R4

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_M\Methods\SFAM-EPA-BM012825.MA.M
 Title : SVOA CALIBRATION

37	17.433	2452	2456	2460	rVB	1893373	2365536	1.80%	0.194%
38	17.486	2462	2465	2475	rVB5	1000675	1871213	1.42%	0.154%
39	17.786	2511	2516	2520	rBV	3546313	5105629	3.88%	0.419%
40	17.833	2520	2524	2531	rVB	5422754	8098783	6.16%	0.665%
41	17.915	2533	2538	2543	rBV	5298657	7528516	5.72%	0.618%
42	17.986	2543	2550	2554	rBV2	11885161	22282041	16.94%	1.830%
43	18.186	2581	2584	2588	rBV2	1021049	1312336	1.00%	0.108%
44	18.262	2593	2597	2599	rVV2	2028911	2966260	2.26%	0.244%
45	18.292	2599	2602	2606	rVV	3016550	4241921	3.23%	0.348%
46	18.345	2607	2611	2616	rVB2	2250713	3208206	2.44%	0.263%
47	18.515	2636	2640	2642	rBV2	1463570	2141481	1.63%	0.176%
48	18.592	2650	2653	2656	rVB	1432625	1715093	1.30%	0.141%
49	18.633	2657	2660	2665	rVB2	2625923	3556602	2.70%	0.292%
50	18.715	2669	2674	2679	rBV2	5588101	9626358	7.32%	0.791%
51	18.780	2679	2685	2689	rBV2	4609921	7912349	6.02%	0.650%
52	18.880	2695	2702	2708	rBV	10952845	20722367	15.76%	1.702%
53	19.009	2714	2724	2728	rBV2	29231905	76235995	57.97%	6.261%
54	19.062	2728	2733	2735	rVV2	1755683	2938213	2.23%	0.241%
55	19.092	2735	2738	2742	rVV2	2913405	3993883	3.04%	0.328%
56	19.139	2742	2746	2751	rVB	4756374	6740800	5.13%	0.554%
57	19.227	2757	2761	2764	rBV2	2531008	3035575	2.31%	0.249%
58	19.380	2775	2787	2791	rBV4	28703372	92884710	70.63%	7.628%
59	19.433	2791	2796	2802	rVB2	5102700	9852247	7.49%	0.809%
60	19.533	2808	2813	2819	rBV2	5315636	8941871	6.80%	0.734%
61	19.598	2820	2824	2830	rVB3	5372956	9005581	6.85%	0.740%
62	19.686	2832	2839	2846	rBV4	10246946	25985847	19.76%	2.134%
63	19.774	2850	2854	2857	rBV4	1905463	2384546	1.81%	0.196%
64	19.827	2857	2863	2865	rBV3	9818016	19127229	14.54%	1.571%
65	19.856	2866	2868	2872	rVB	12465617	15554807	11.83%	1.277%
66	19.921	2872	2879	2881	rBV5	1582565	3434260	2.61%	0.282%
67	19.956	2881	2885	2889	rBV	5854450	7248444	5.51%	0.595%
68	20.021	2889	2896	2899	rBV2	14506356	25360735	19.28%	2.083%
69	20.051	2899	2901	2906	rVB4	2844737	3833110	2.91%	0.315%
70	20.098	2906	2909	2914	rBV3	2282030	3350334	2.55%	0.275%
71	20.162	2915	2920	2923	rBV	11169073	16068816	12.22%	1.320%
72	20.203	2923	2927	2931	rVB	11194764	15089588	11.47%	1.239%
73	20.409	2959	2962	2964	rBV4	1728852	2296591	1.75%	0.189%
74	20.521	2978	2981	2985	rVB3	2059256	2131127	1.62%	0.175%
75	20.574	2988	2990	2993	rVV3	2359703	3376724	2.57%	0.277%
76	20.615	2993	2997	3003	rVB	10383577	15315319	11.65%	1.258%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049527.D
 Acq On : 30 Jan 2025 15:02
 Operator : RC/JU
 Sample : Q1189-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44R4

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_M\Methods\SFAM-EPA-BM012825.MA.M
 Title : SVOA CALIBRATION

77	20.698	3008	3011	3015	rVV	3289993	4643981	3.53%	0.381%
78	20.780	3018	3025	3028	rVV	11452659	21987911	16.72%	1.806%
79	20.821	3028	3032	3035	rVV	9682402	14247315	10.83%	1.170%
80	20.862	3035	3039	3046	rVV3	10713201	20005085	15.21%	1.643%
81	20.927	3046	3050	3055	rVB	7466371	11516539	8.76%	0.946%
82	21.033	3064	3068	3078	rVB3	3187309	7701149	5.86%	0.632%
83	21.156	3079	3089	3094	rBV2	24669283	75861325	57.69%	6.230%
84	21.227	3094	3101	3109	rVB2	26206015	68935226	52.42%	5.661%
85	21.297	3110	3113	3116	rBV2	2491815	3523615	2.68%	0.289%
86	21.345	3117	3121	3127	rBV	8388299	12798380	9.73%	1.051%
87	21.409	3128	3132	3136	rBV2	4580264	7919996	6.02%	0.650%
88	21.521	3147	3151	3158	rVB	3869094	7489415	5.70%	0.615%
89	21.586	3158	3162	3167	rBV3	3828006	6709271	5.10%	0.551%
90	21.686	3175	3179	3184	rVB2	3413164	5685689	4.32%	0.467%
91	21.750	3185	3190	3193	rBV	3826182	7362763	5.60%	0.605%
92	21.821	3193	3202	3206	rVV	13456605	32594209	24.79%	2.677%
93	21.880	3208	3212	3219	rVB	7587190	12932959	9.83%	1.062%
94	22.056	3237	3242	3246	rBV2	7367538	13672151	10.40%	1.123%
95	22.174	3257	3262	3268	rVB2	4474670	9838917	7.48%	0.808%
96	22.786	3361	3366	3374	rVB3	4213977	10165045	7.73%	0.835%
97	23.174	3412	3432	3437	rBV3	22926849	131507362	100.00%	10.800%
98	23.350	3455	3462	3468	rVB	10022464	21461300	16.32%	1.762%
99	23.750	3522	3530	3541	rVB	9669460	31323645	23.82%	2.572%
100	23.903	3543	3556	3562	rVB2	17017369	55583575	42.27%	4.565%

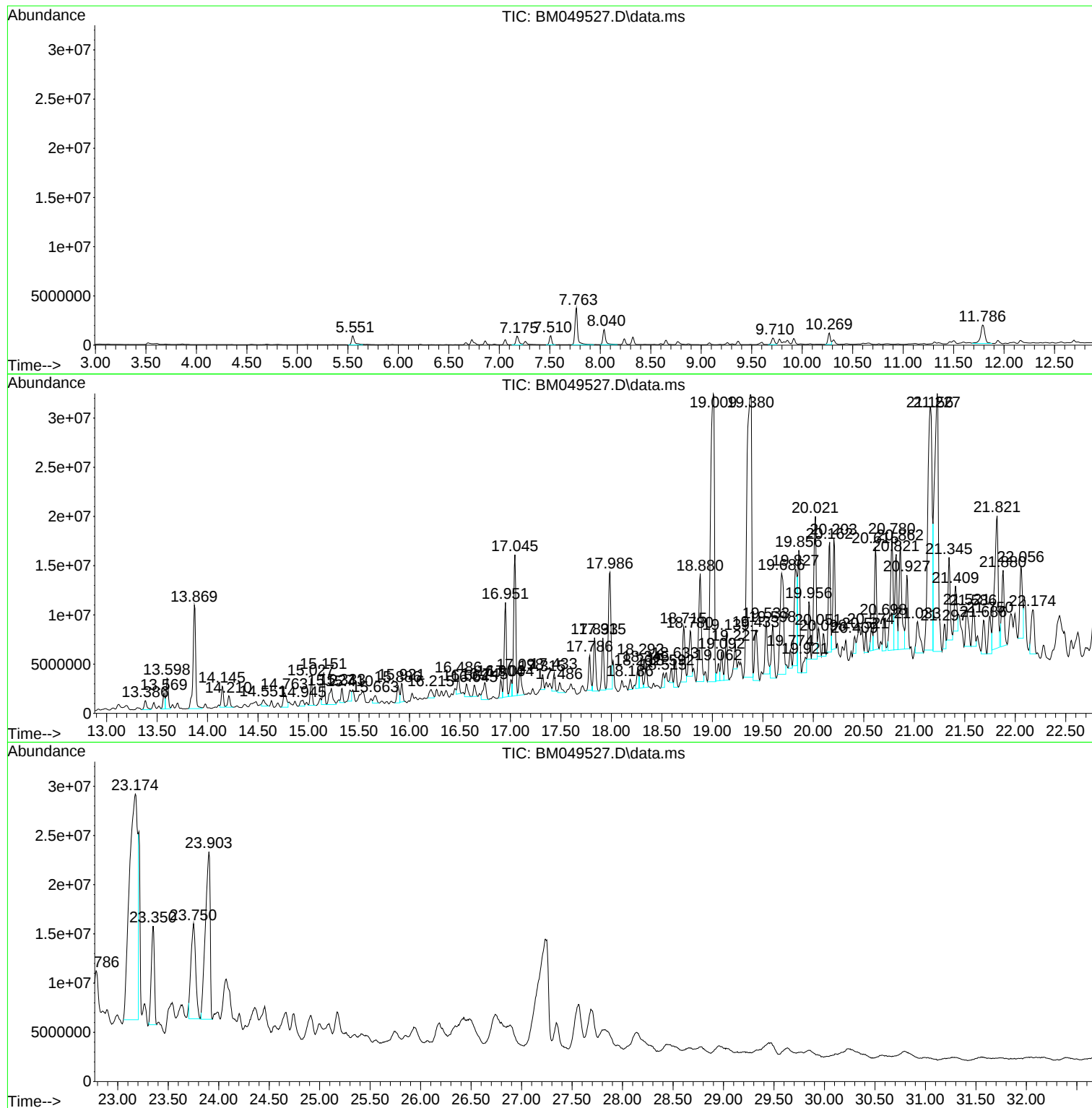
Sum of corrected areas: 1217670322

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

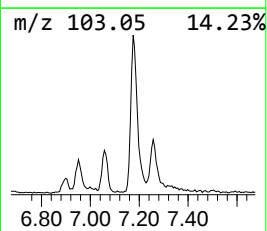
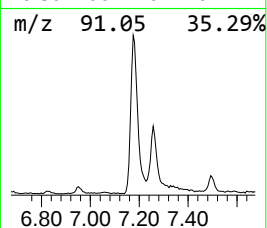
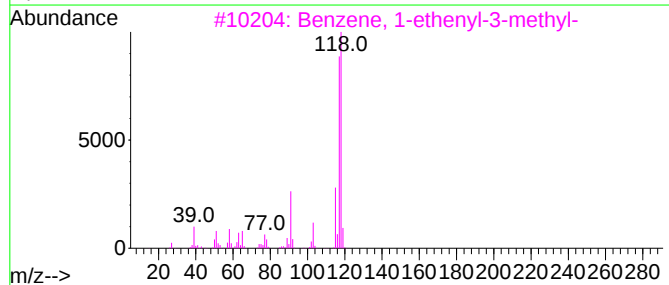
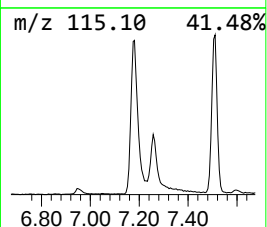
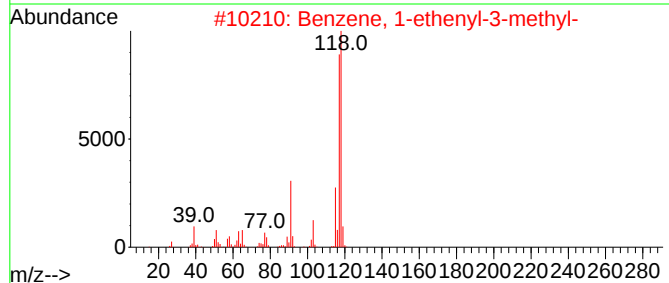
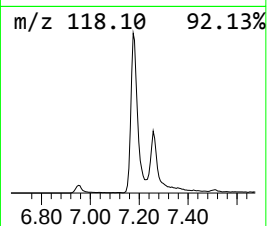
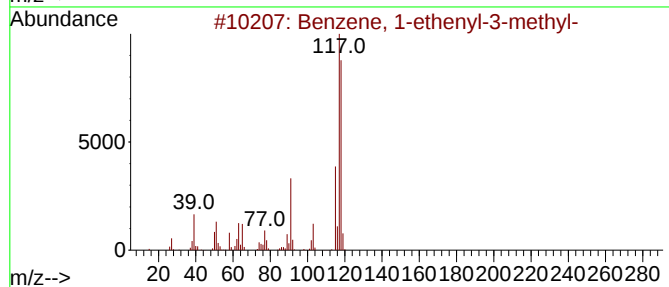
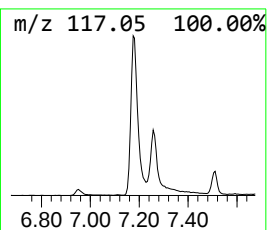
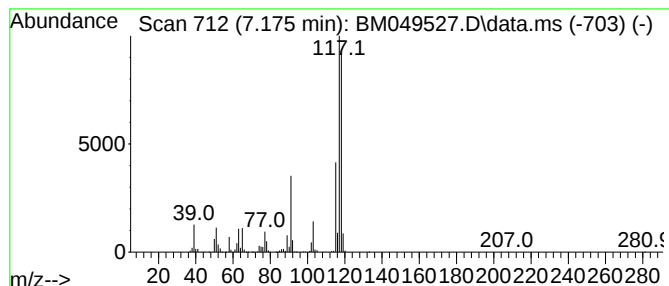
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, 1-ethenyl-3-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.175	24.90 ng/ul	1783210	1,4-Dichlorobenzene-d4	7.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
2			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
3			Benzene, 1-ethenyl-3-methyl-	118	C9H10	000100-80-1	96
4			Benzene, 1-ethenyl-2-methyl-	118	C9H10	000611-15-4	94
5			(Z)-1-Phenylpropene	118	C9H10	000766-90-5	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

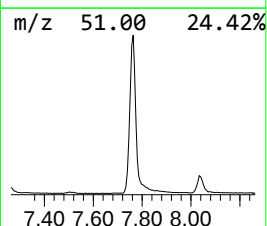
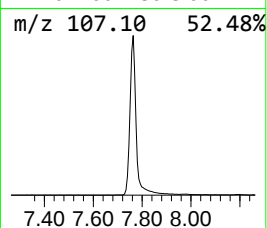
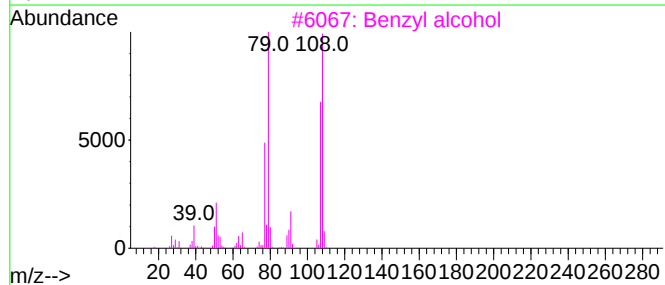
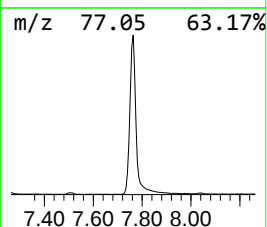
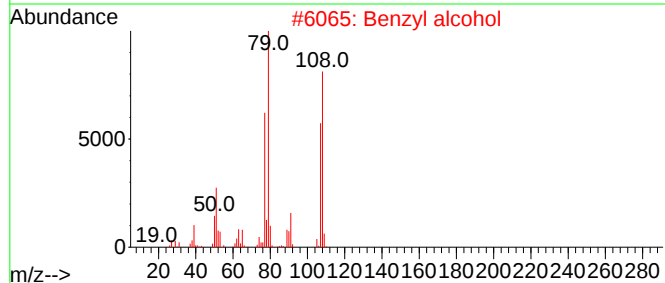
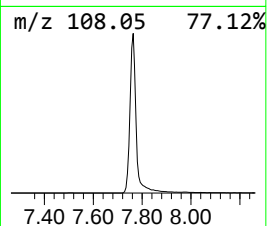
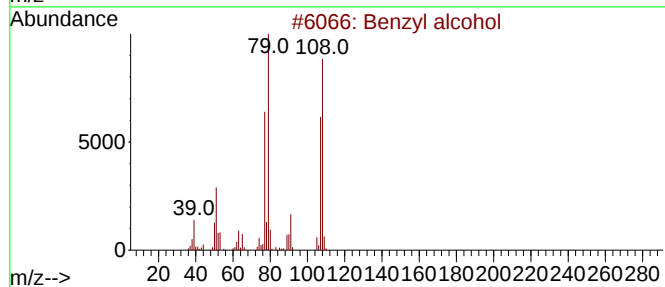
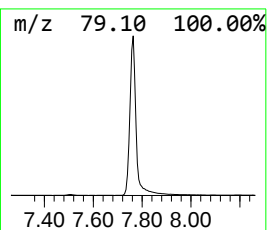
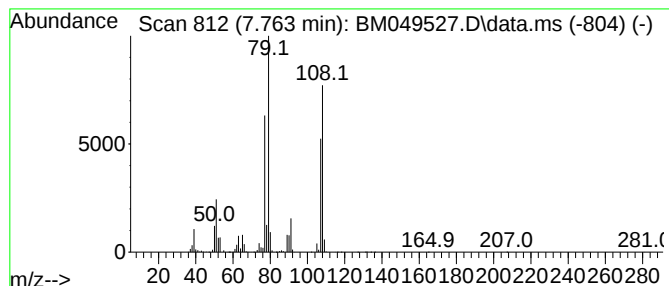
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Benzyl alcohol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.763	93.70 ng/ul	6709290	1,4-Dichlorobenzene-d4	7.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzyl alcohol	108	C7H8O	000100-51-6	97
2			Benzyl alcohol	108	C7H8O	000100-51-6	97
3			Benzyl alcohol	108	C7H8O	000100-51-6	95
4			Benzyl alcohol	108	C7H8O	000100-51-6	94
5			N-Cbz-glycylglycine p-nitropheny...	387	C18H17N3O7	013574-81-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

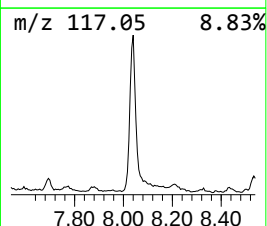
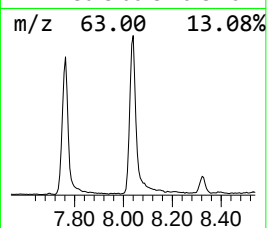
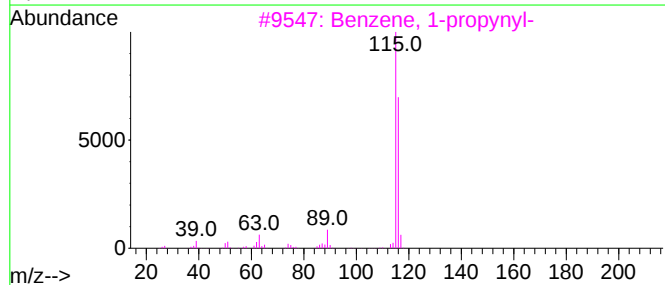
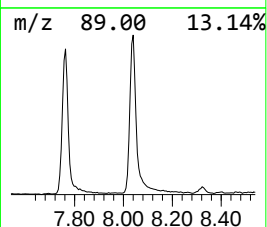
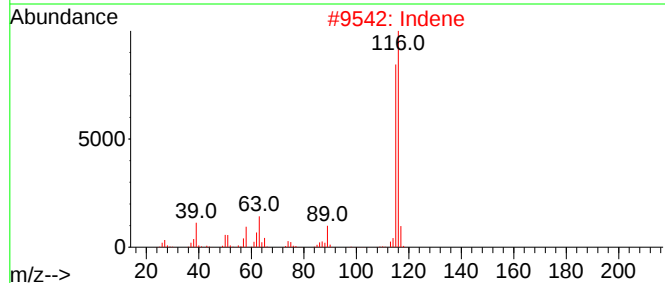
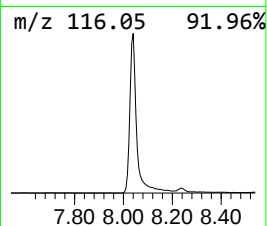
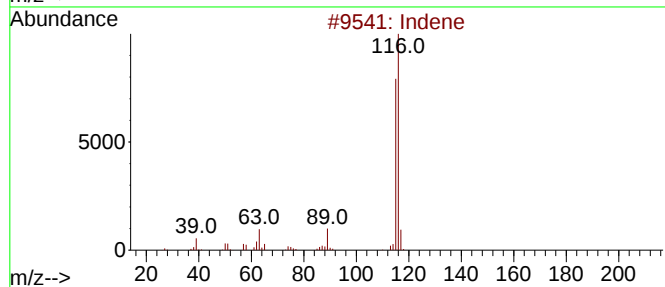
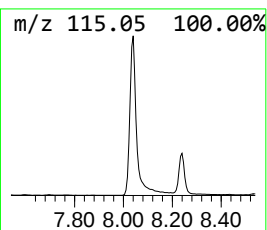
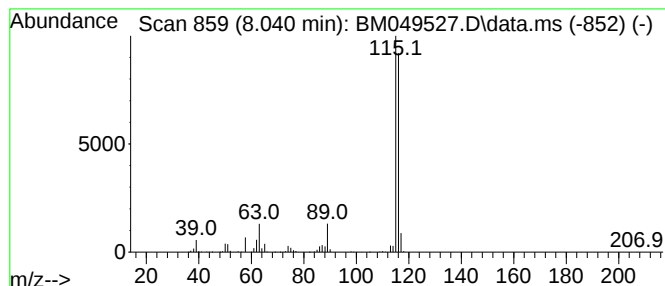
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Indene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.040	40.81 ng/ul	2922310	1,4-Dichlorobenzene-d4	7.510

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene			116	C9H8	000095-13-6	97
2	Indene			116	C9H8	000095-13-6	94
3	Benzene, 1-propynyl-			116	C9H8	000673-32-5	91
4	Benzene, 1-propynyl-			116	C9H8	000673-32-5	91
5	Benzene, 1-propynyl-			116	C9H8	000673-32-5	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

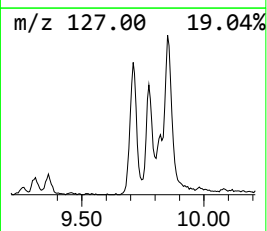
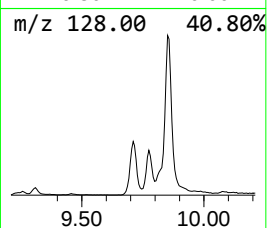
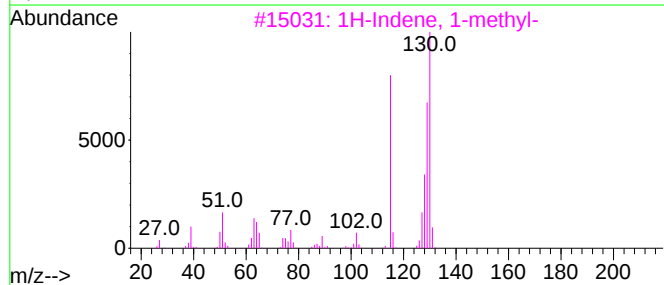
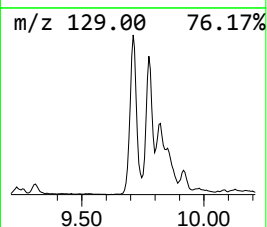
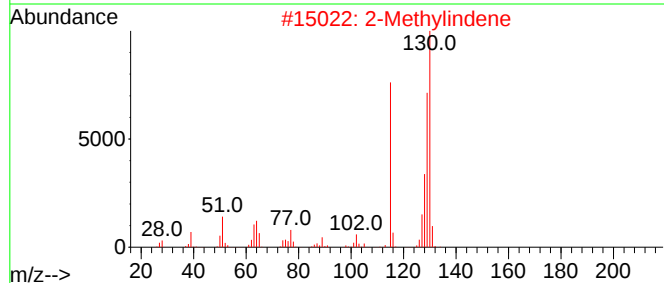
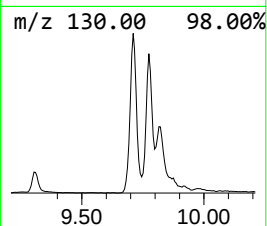
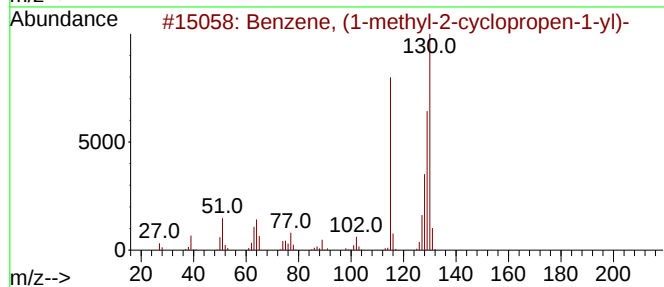
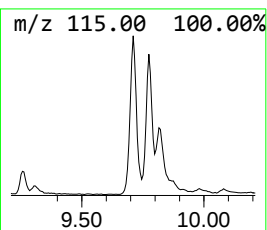
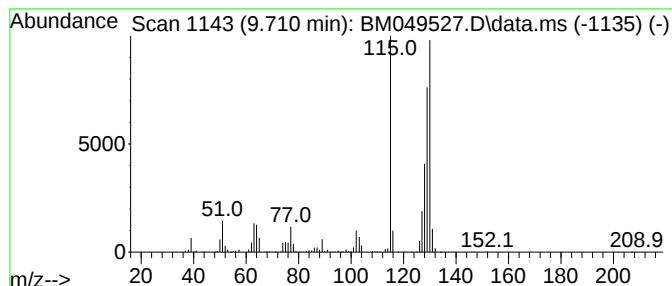
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 Benzene, (1-methyl-2-cyclop... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.710	13.96 ng/ul	1363090	Naphthalene-d8	10.269

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	96
2			2-Methylindene	130	C10H10	002177-47-1	96
3			1H-Indene, 1-methyl-	130	C10H10	000767-59-9	96
4			Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	95
5			1H-Indene, 3-methyl-	130	C10H10	000767-60-2	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

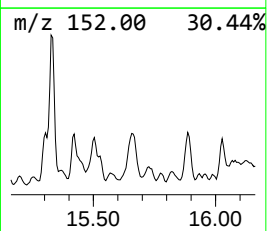
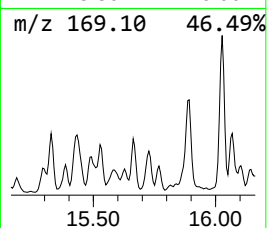
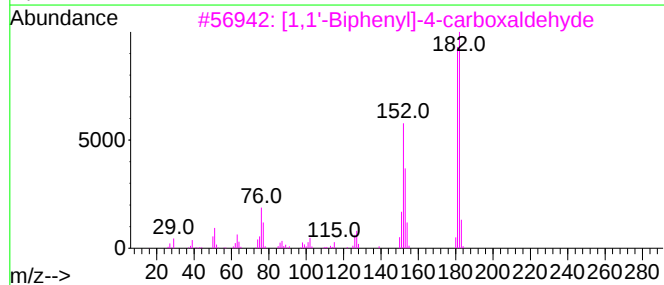
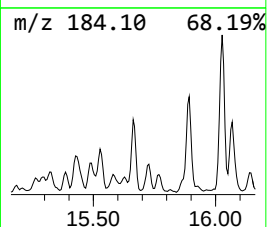
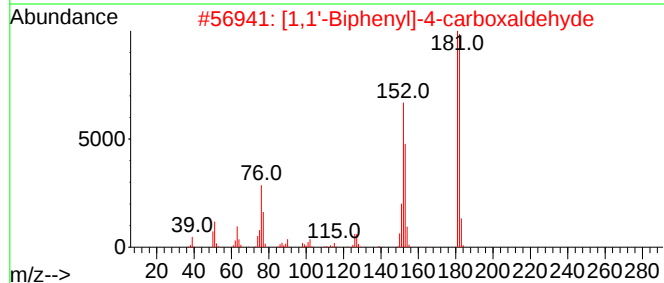
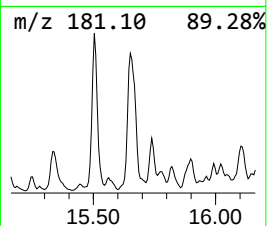
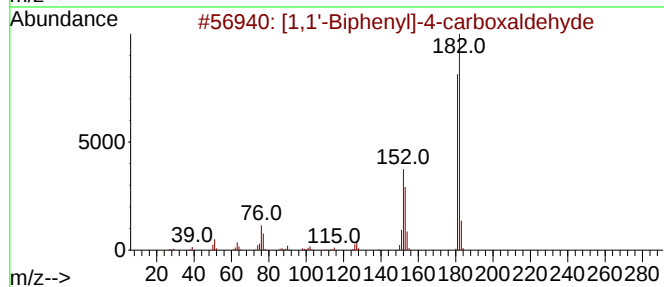
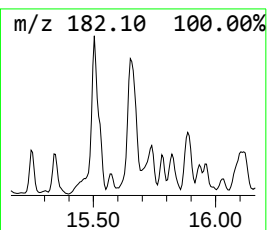
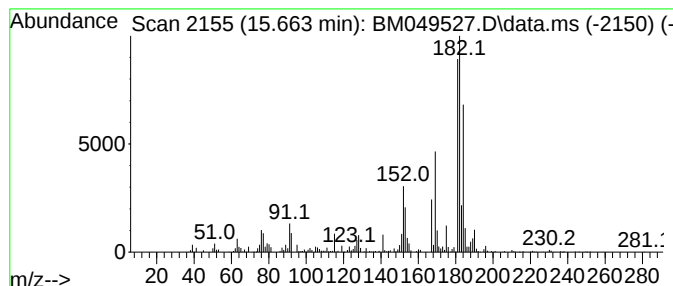
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 12 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.663	12.39 ng/ul	1573830	Phenanthrene-d10		16.904	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	89
2	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	78
3	[1,1'-Biphenyl]-4-carboxaldehyde		182	C13H10O	003218-36-8	60
4	9H-Fluoren-9-ol		182	C13H10O	001689-64-1	49
5	8-Methyl-5H-pyrido[4,3-b]indole		182	C12H10N2	088894-13-7	43



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

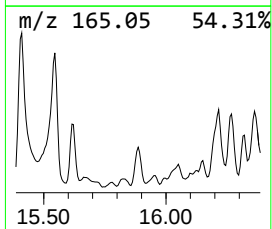
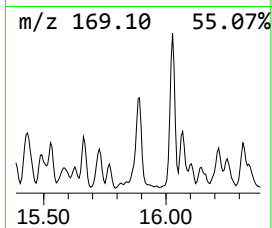
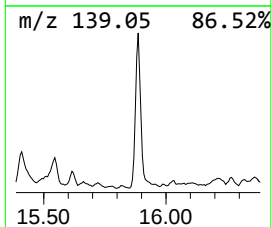
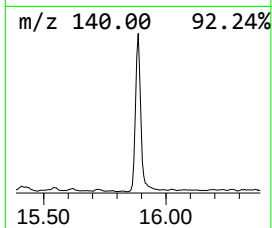
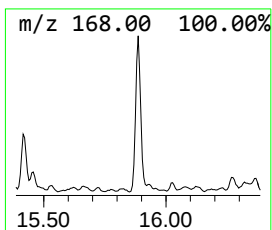
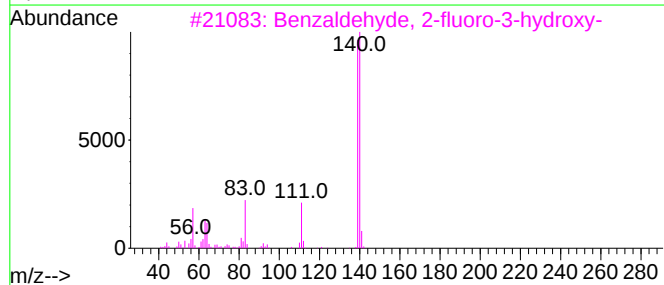
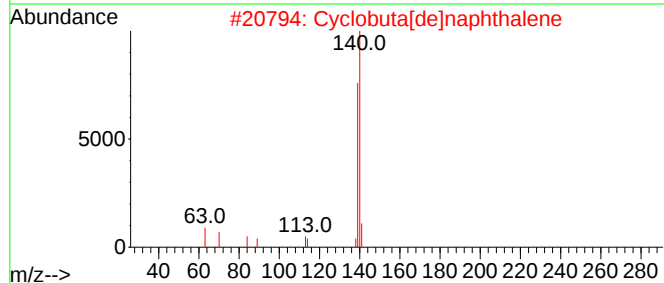
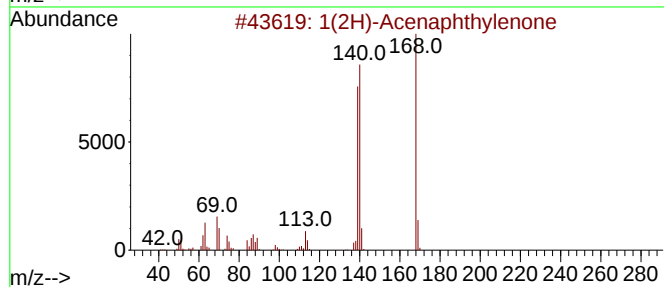
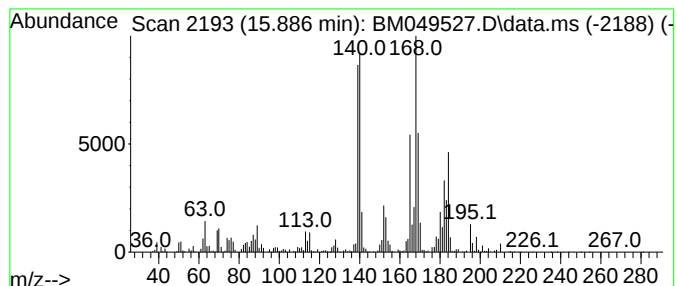
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 13 1(2H)-Acenaphthylenone Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD		R.T.	
15.886	22.98 ng/ul	2920460	Phenanthrene-d10		16.904	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone		168	C12H8O	002235-15-6	87
2	Cyclobuta[de]naphthalene		140	C11H8	024973-91-9	25
3	Benzaldehyde, 2-fluoro-3-hydroxy-		140	C7H5FO2	103438-86-4	22
4	Naphthalene, 1,2,3,4-tetramethyl-		184	C14H16	003031-15-0	15
5	1,1'-Biphenyl, 4-methyl-		168	C13H12	000644-08-6	11



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

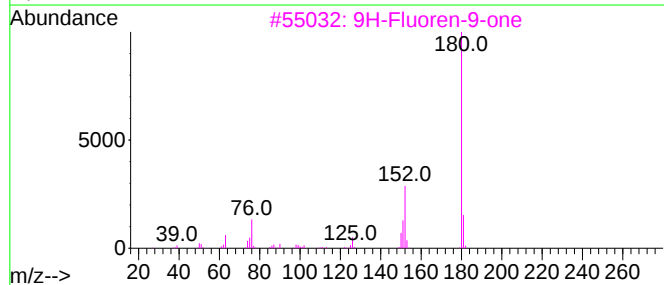
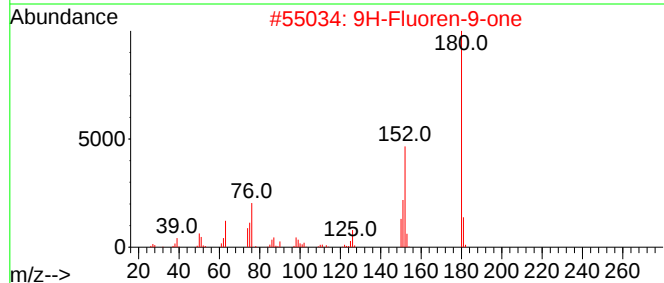
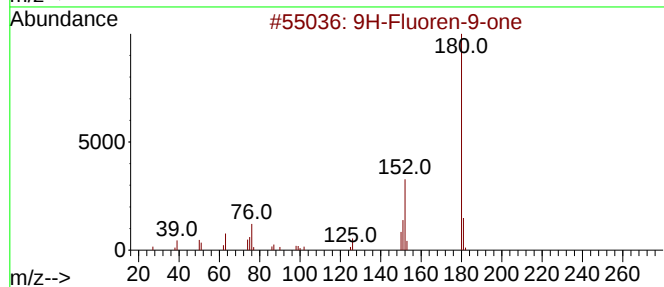
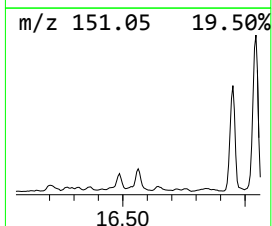
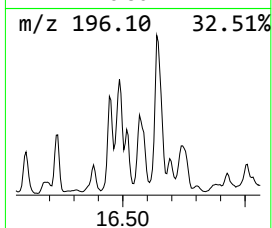
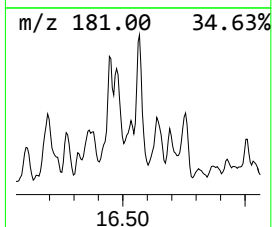
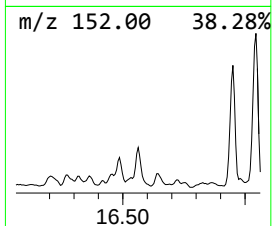
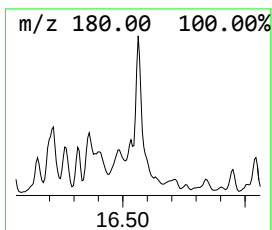
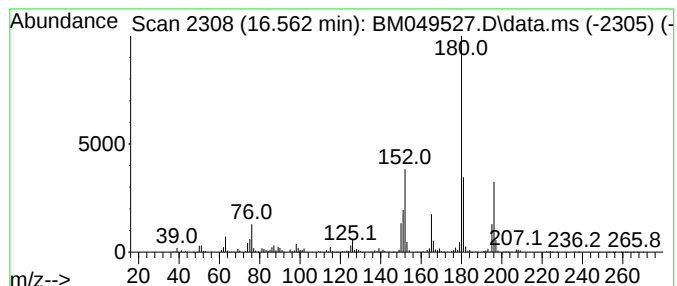
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 17 9H-Fluoren-9-one Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.	
16.563	17.41 ng/ul	2212280	Phenanthrene-d10	16.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	89
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	68
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

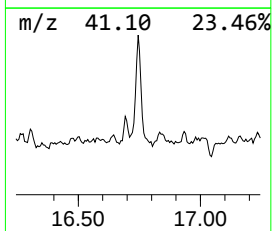
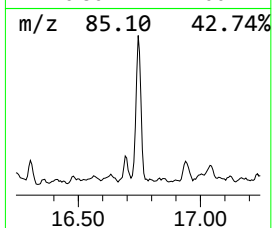
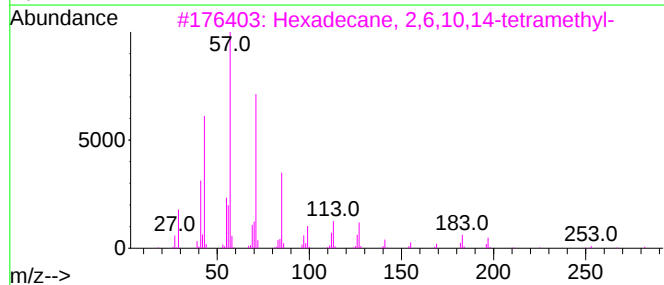
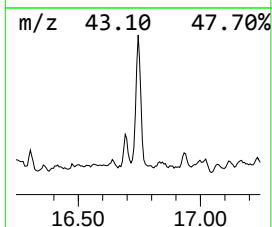
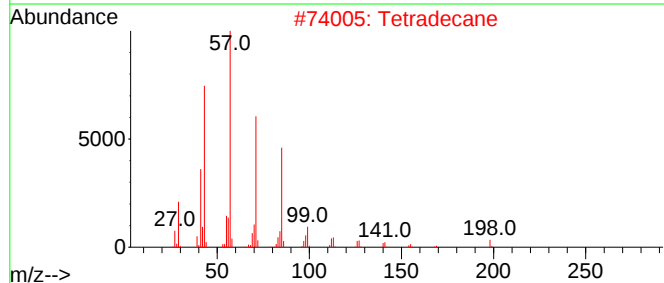
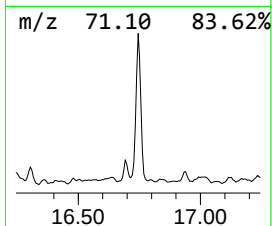
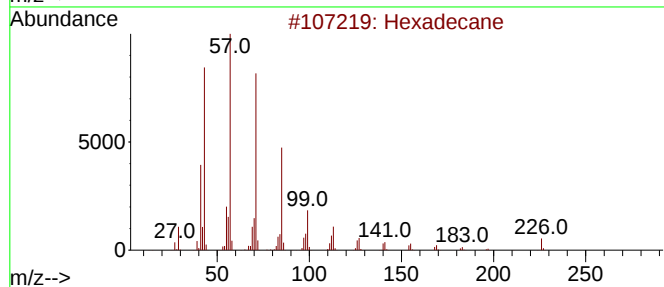
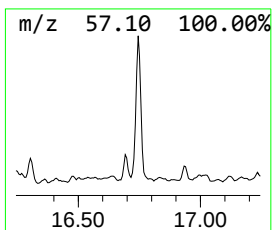
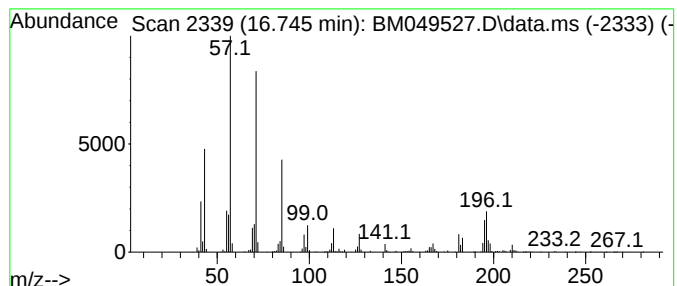
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.745	29.37 ng/ul	3732530	Phenanthrene-d10	16.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Hexadecane	226	C16H34	000544-76-3	90
2			Tetradecane	198	C14H30	000629-59-4	81
3			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	74
4			Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	72
5			Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	72



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

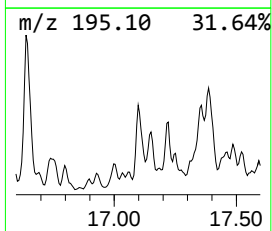
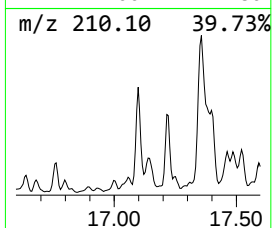
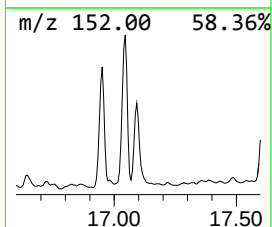
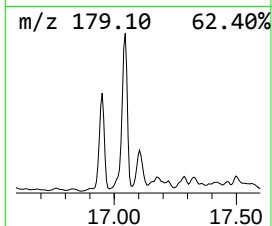
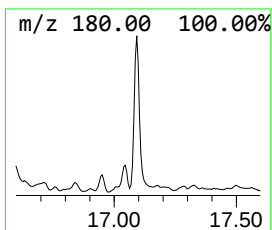
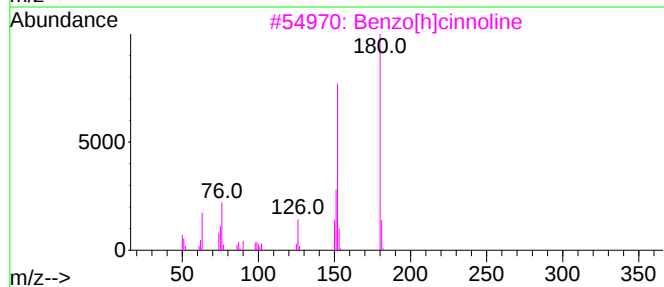
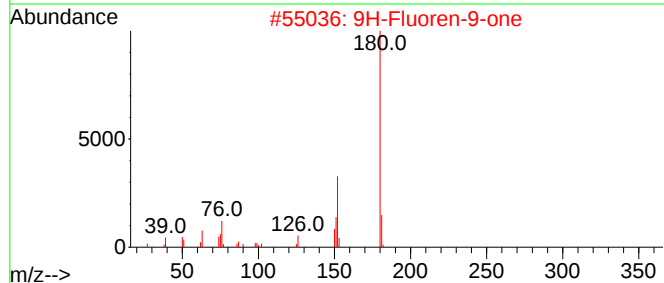
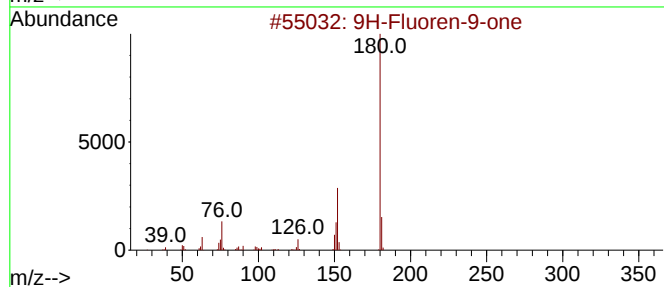
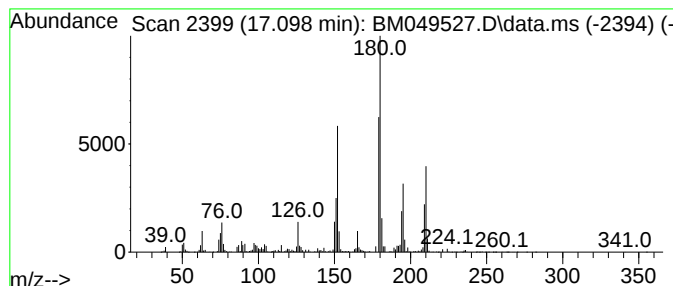
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 20 Benzo[h]cinnoline Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.098	33.07 ng/ul	4201810	Phenanthrene-d10		16.904	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one		180	C13H8O	000486-25-9	95
2	9H-Fluoren-9-one		180	C13H8O	000486-25-9	90
3	Benzo[h]cinnoline		180	C12H8N2	000230-31-9	89
4	Benzo[c]cinnoline		180	C12H8N2	000230-17-1	89
5	1H-Phenalen-1-one		180	C13H8O	000548-39-0	64



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

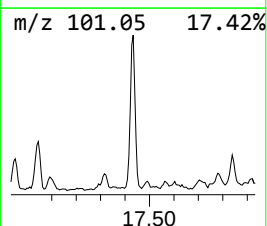
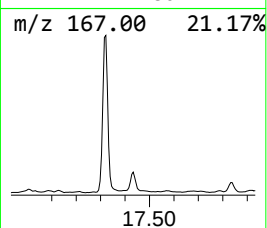
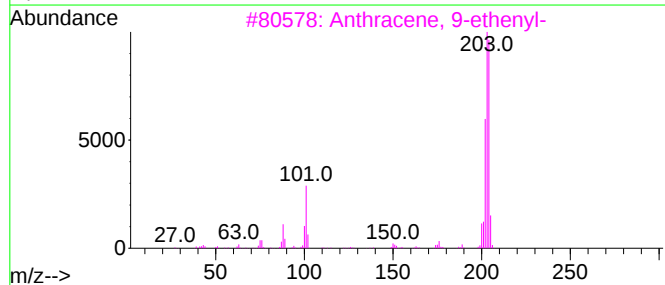
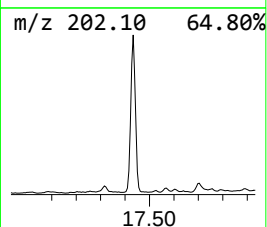
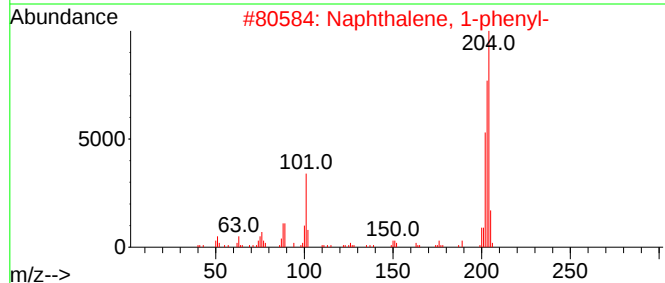
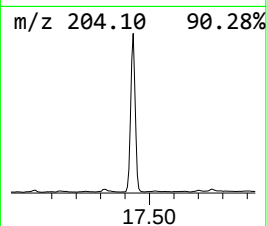
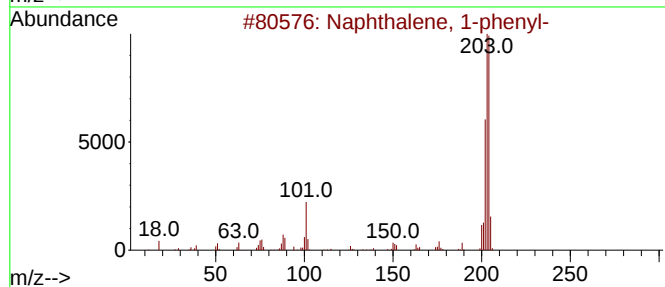
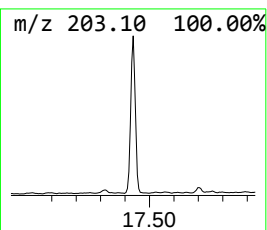
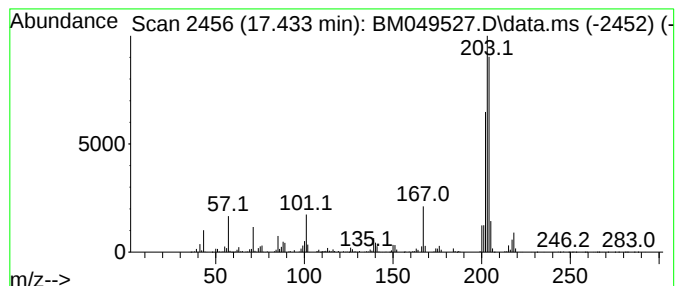
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 21 Naphthalene, 1-phenyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.433	18.62 ng/ul	2365540	Phenanthrene-d10	16.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	95
2			Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
3			Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	86
4			1H-Indene, 1-(phenylmethylene)-	204	C16H12	005394-86-5	70
5			Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	58



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

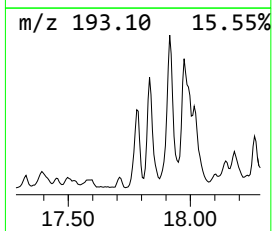
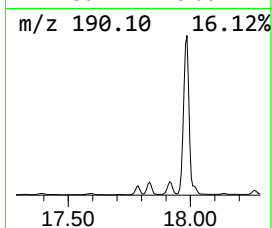
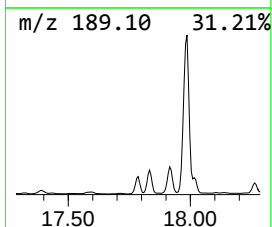
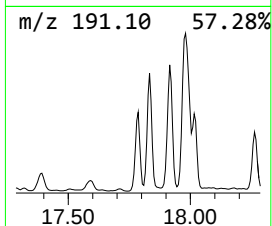
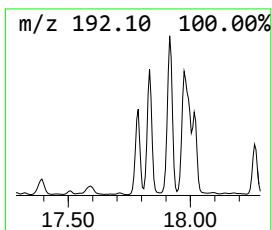
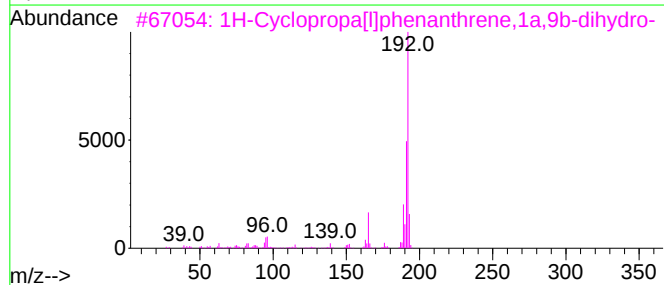
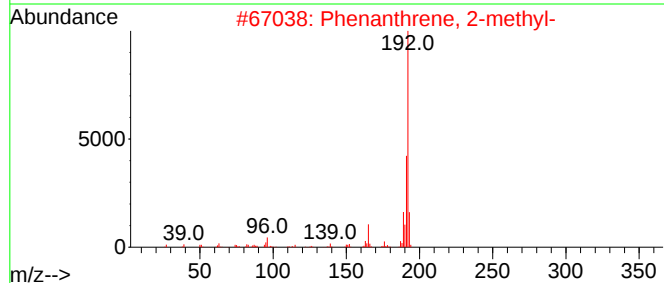
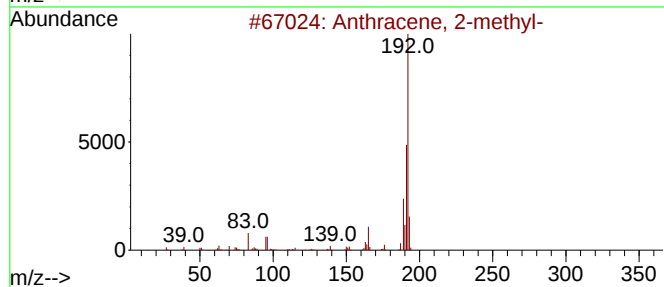
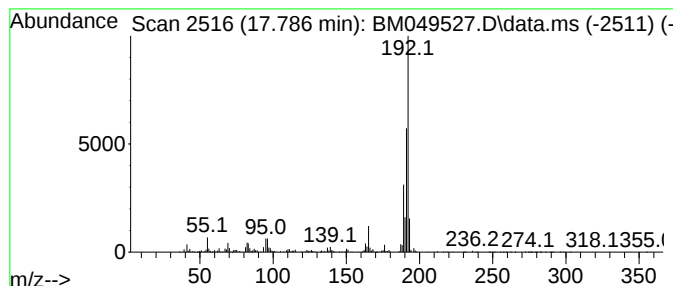
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 23 Anthracene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.786	40.18 ng/ul	5105630	Phenanthrene-d10	16.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

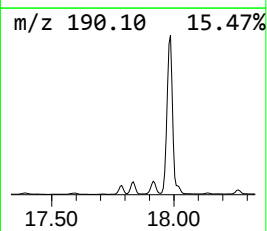
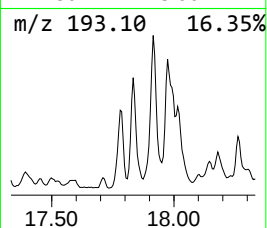
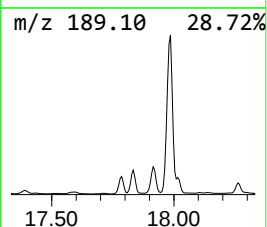
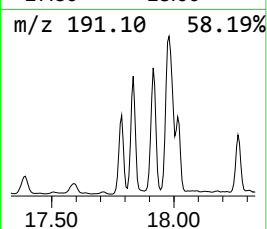
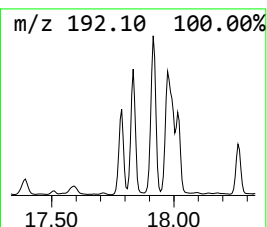
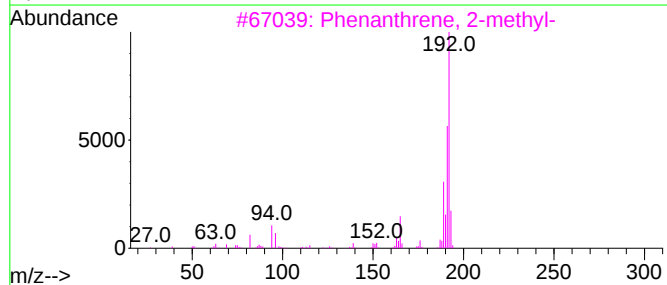
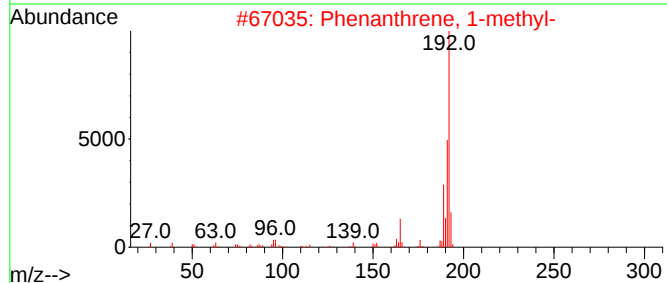
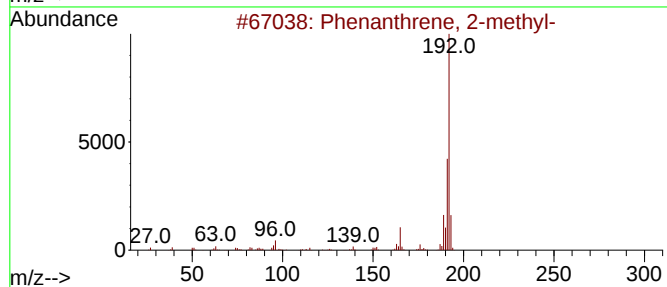
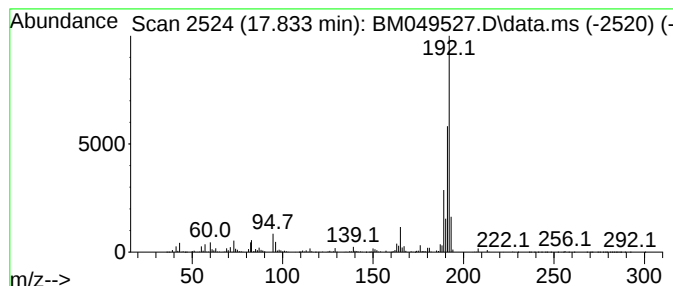
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 24 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	63.74 ng/ul	8098780	Phenanthrene-d10	16.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

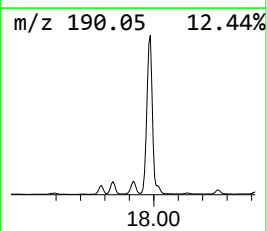
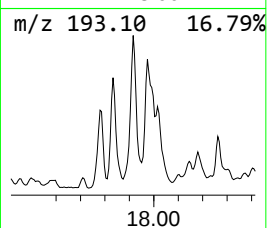
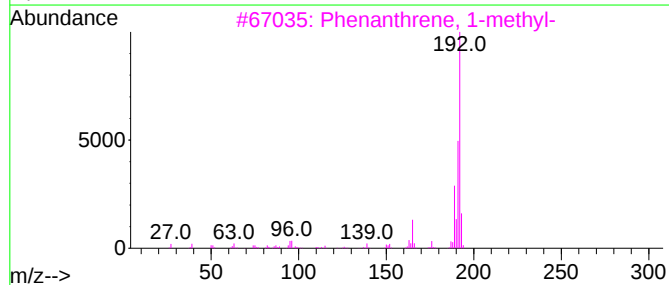
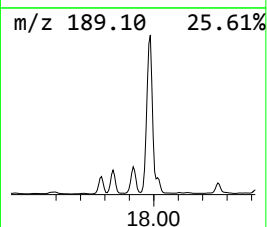
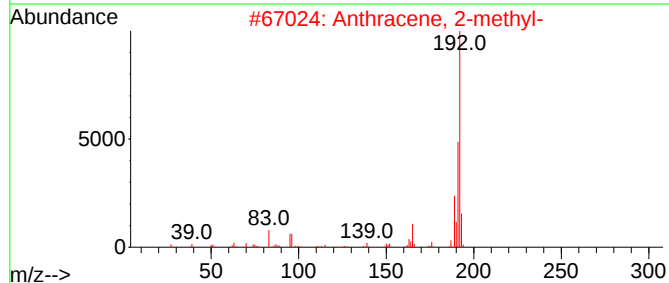
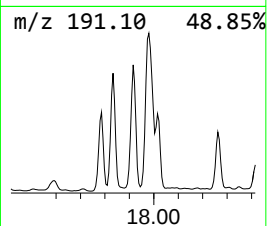
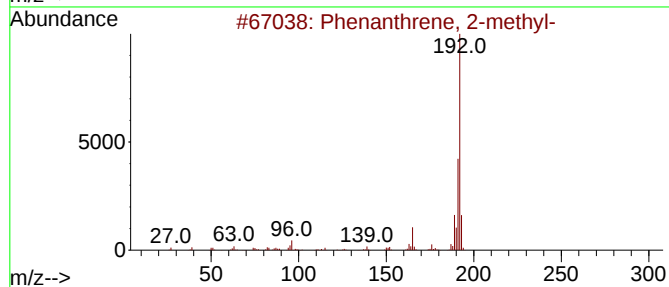
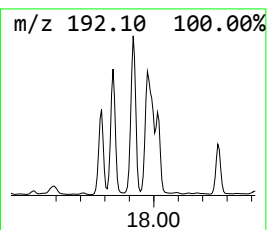
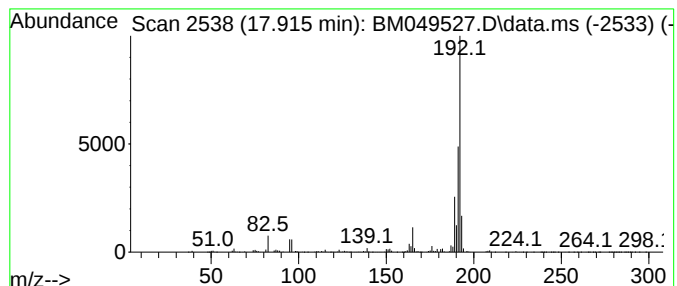
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 25 Phenanthrene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.915	59.25 ng/ul	7528520	Phenanthrene-d10		16.904	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-		192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-		192	C15H12	000613-12-7	97
3	Phenanthrene, 1-methyl-		192	C15H12	000832-69-9	97
4	1H-Cyclopropa[1]phenanthrene,1a,...		192	C15H12	000949-41-7	96
5	Phenanthrene, 3-methyl-		192	C15H12	000832-71-3	96



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

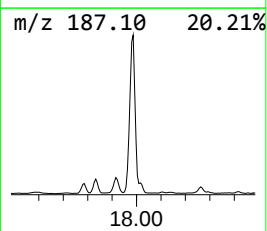
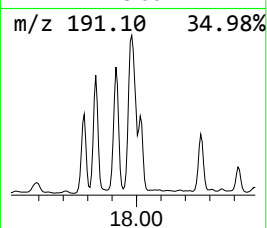
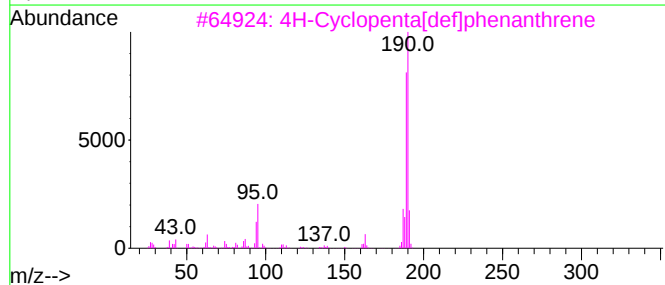
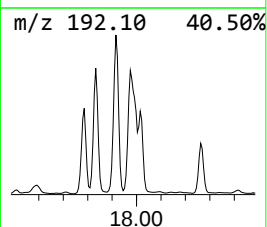
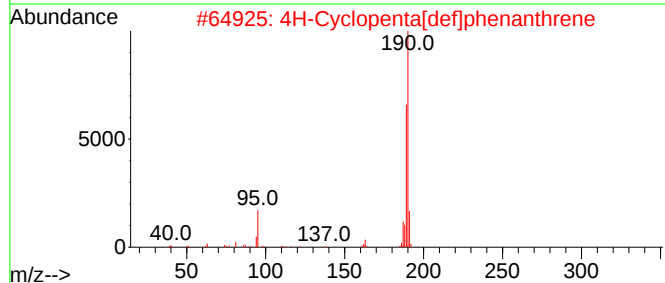
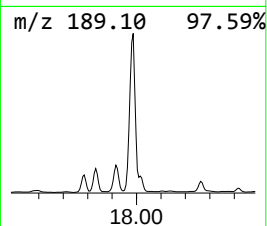
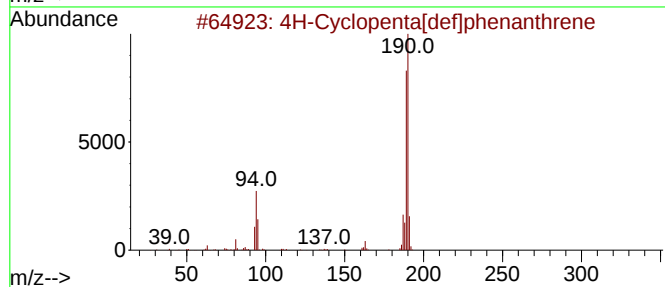
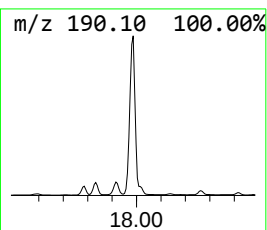
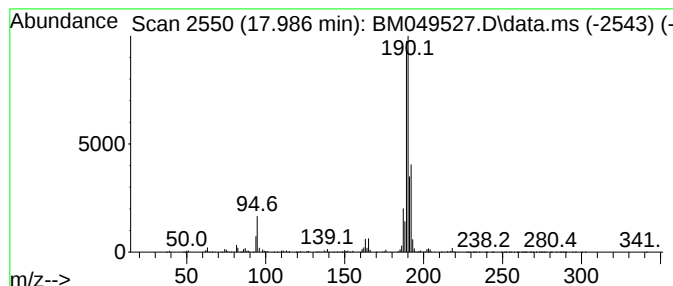
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 26 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	175.35 ng/ul	22282000	Phenanthrene-d10	16.904

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	70
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
4			Methyl diselenide	190	C2H6Se2	007101-31-7	49
5			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

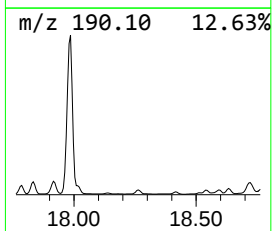
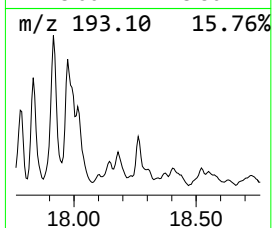
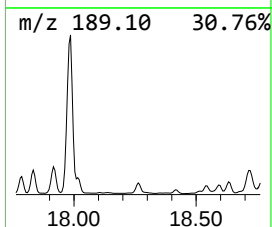
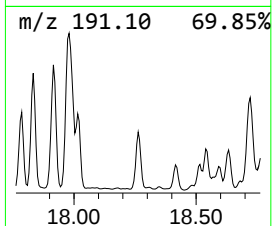
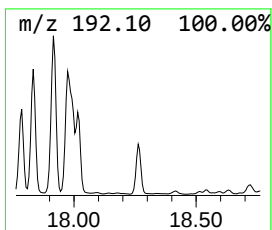
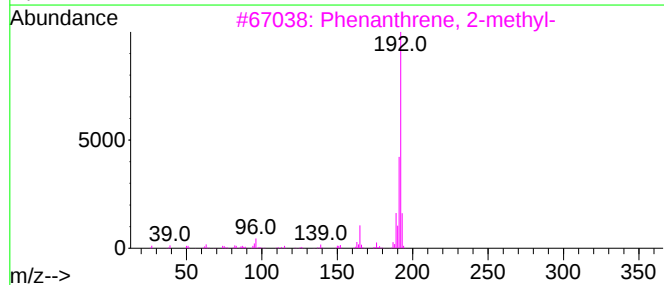
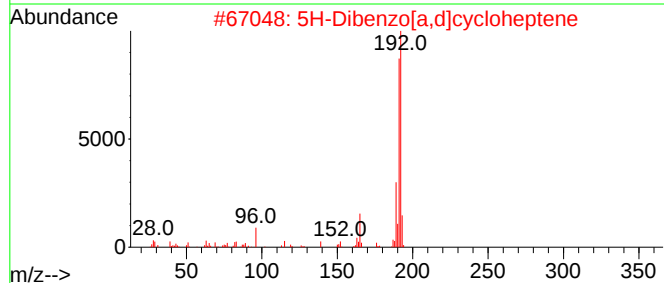
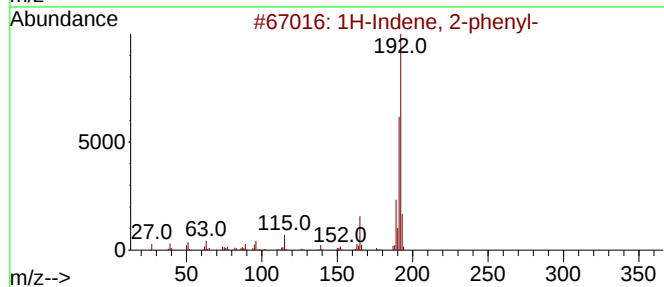
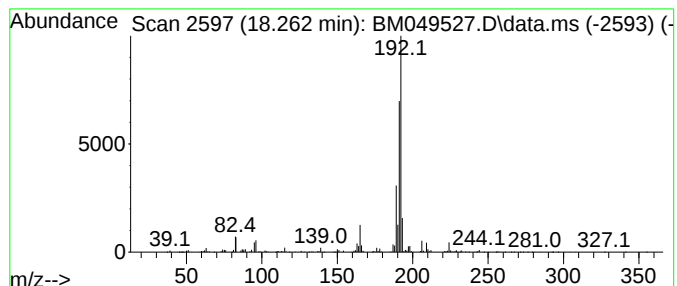
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 28 1H-Indene, 2-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	23.34 ng/ul	2966260	Phenanthrene-d10	16.904

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2		5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	90
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	86
5		Anthracene, 1-methyl-	192	C15H12	000610-48-0	81



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

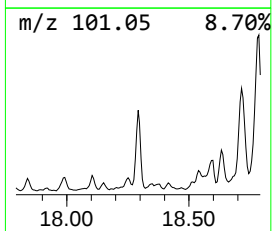
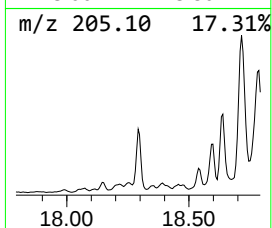
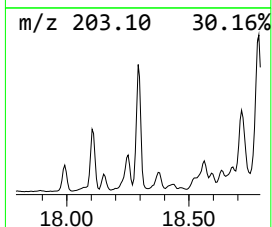
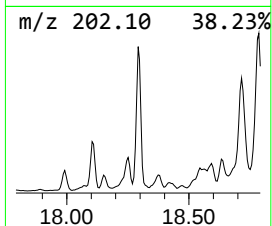
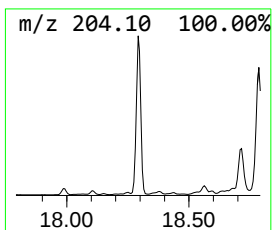
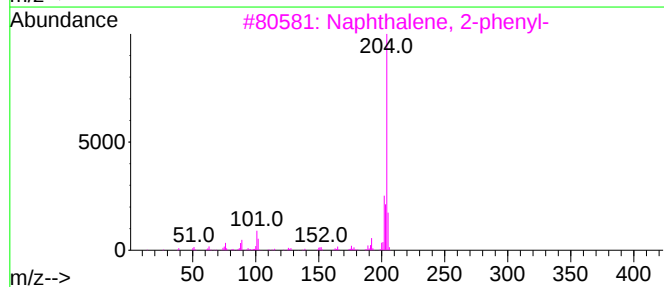
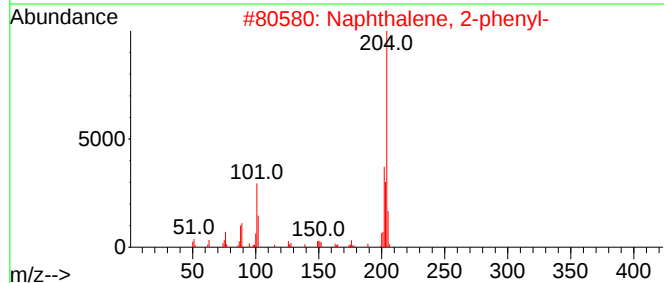
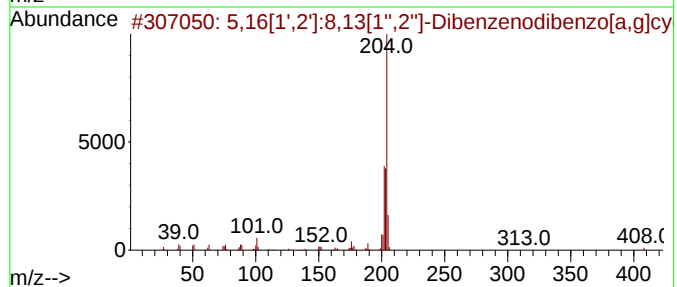
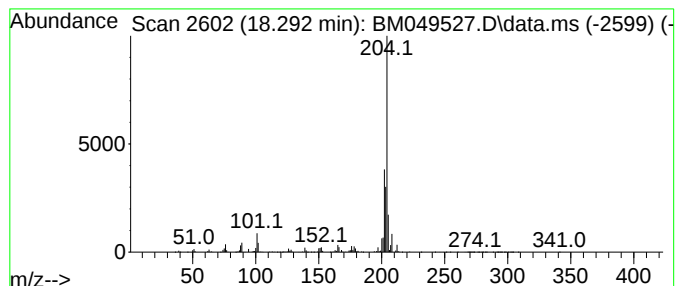
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 29 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD			R.T.
18.292	33.38 ng/ul	4241920	Phenanthrene-d10			16.904
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...		408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	70
5	Naphthalene, 2-phenyl-		204	C16H12	000612-94-2	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

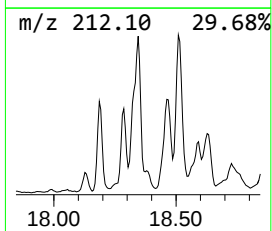
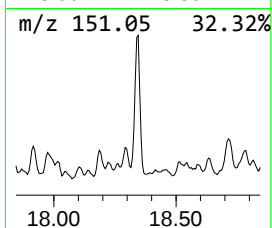
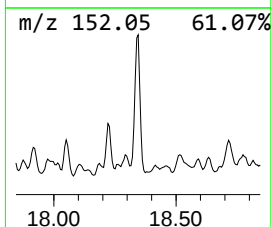
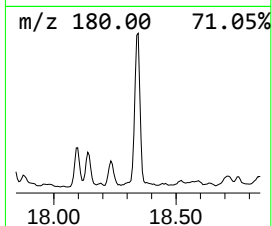
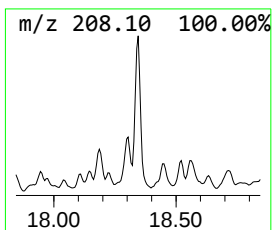
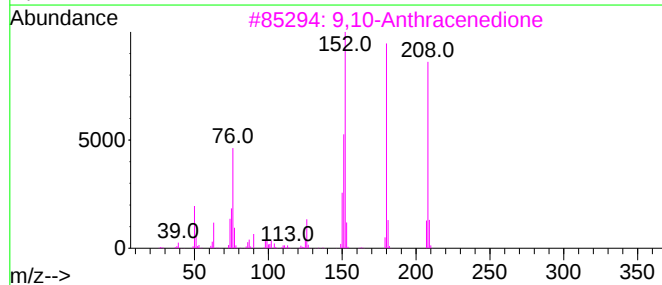
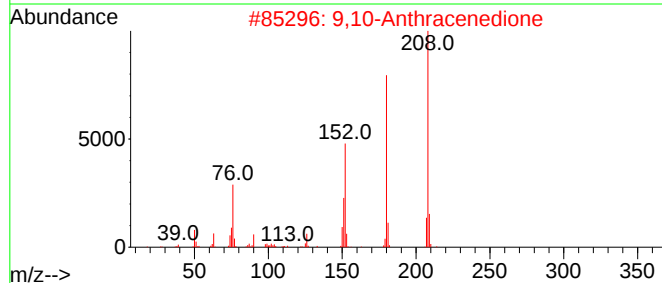
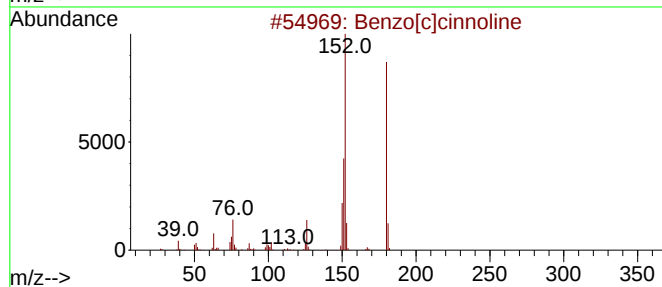
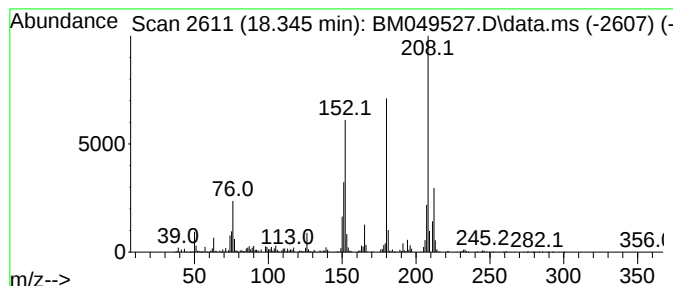
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 30 Benzo[c]cinnoline Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.345	25.25 ng/ul	3208210	Phenanthrene-d10	16.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	52
4			Benzo[h]cinnoline	180	C12H8N2	000230-31-9	51
5			5,6,7,8-Tetrahydro-1-phenylnapht...	208	C16H16	067064-63-5	47



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

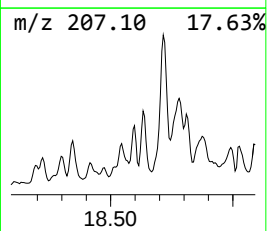
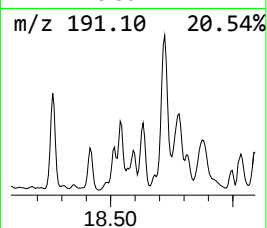
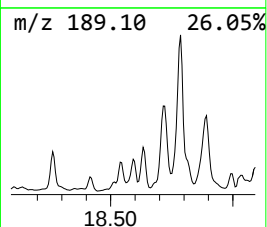
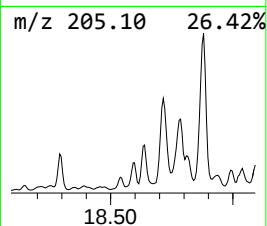
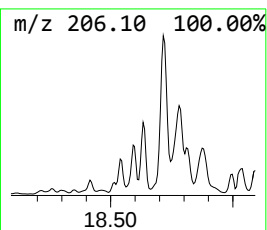
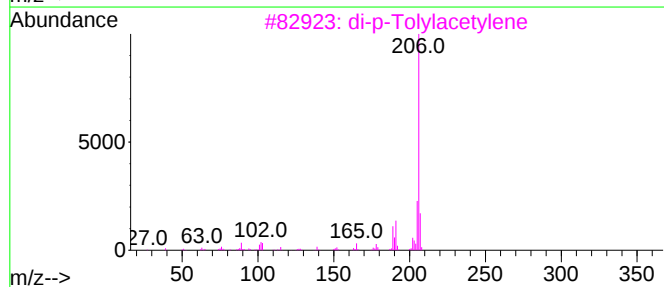
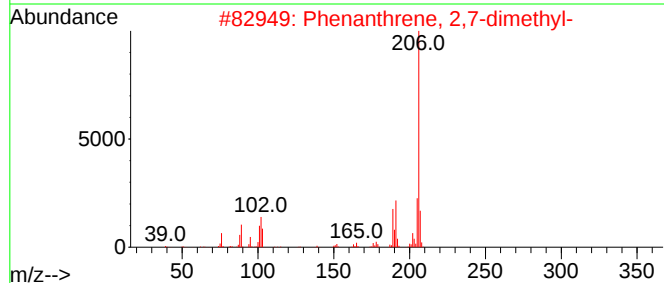
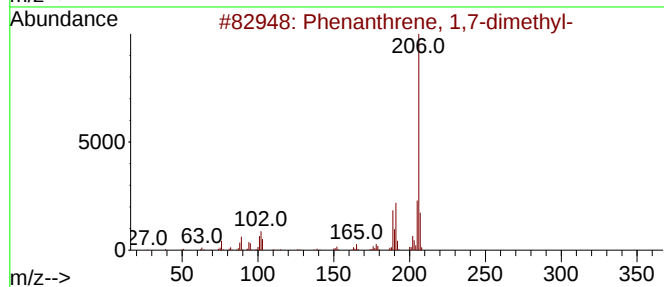
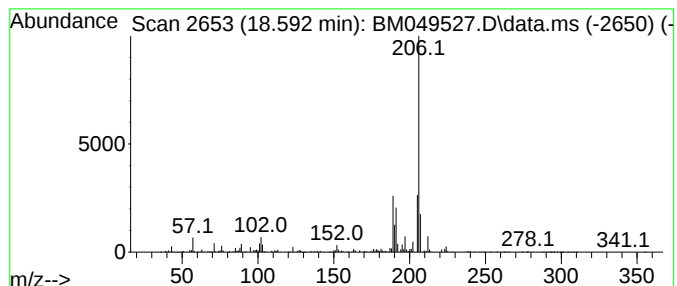
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 32 Phenanthrene, 1,7-dimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.592	13.50 ng/ul	1715090	Phenanthrene-d10	16.904

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

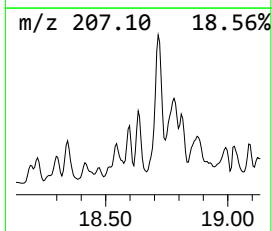
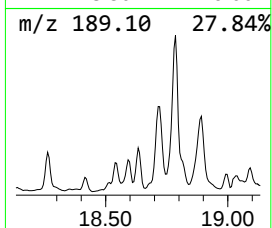
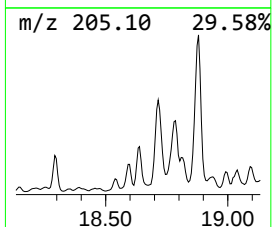
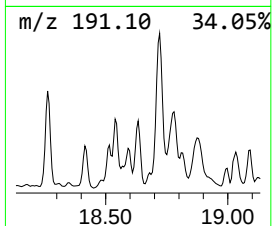
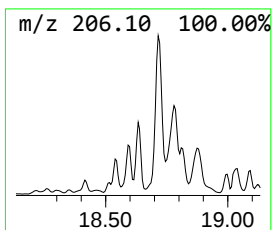
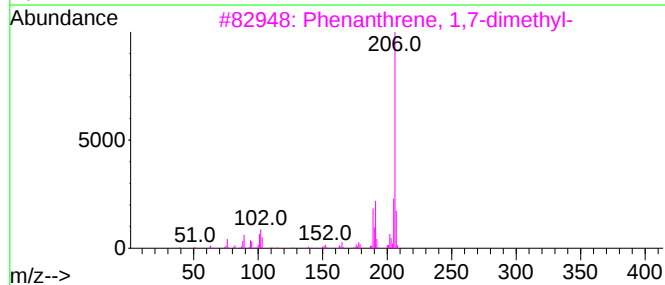
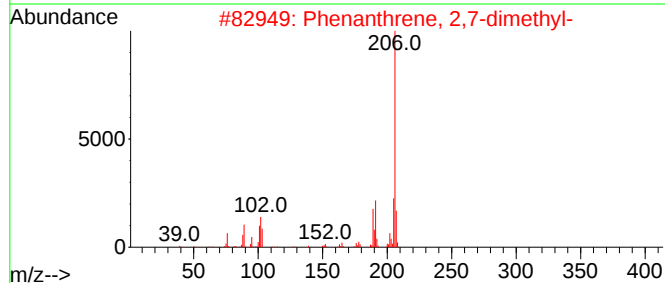
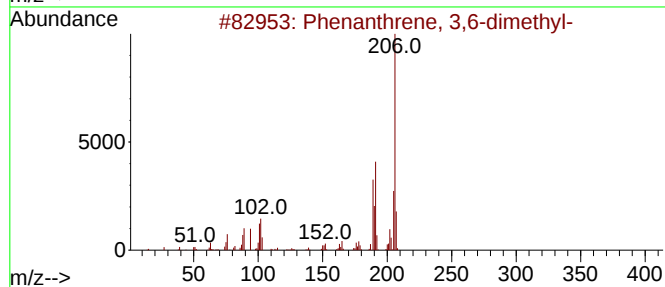
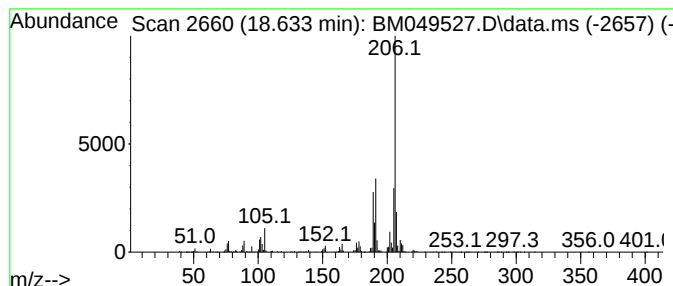
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 33 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD		R.T.	
18.633	27.99 ng/ul	3556600	Phenanthrene-d10		16.904	
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	96
2	Phenanthrene, 2,7-dimethyl-		206	C16H14	001576-69-8	93
3	Phenanthrene, 1,7-dimethyl-		206	C16H14	000483-87-4	92
4	Phenanthrene, 3,6-dimethyl-		206	C16H14	001576-67-6	91
5	di-p-Tolylacetylene		206	C16H14	002789-88-0	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

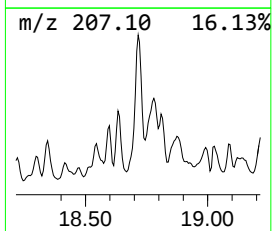
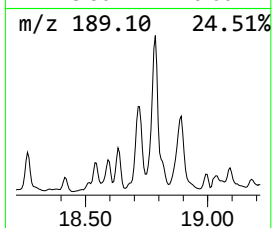
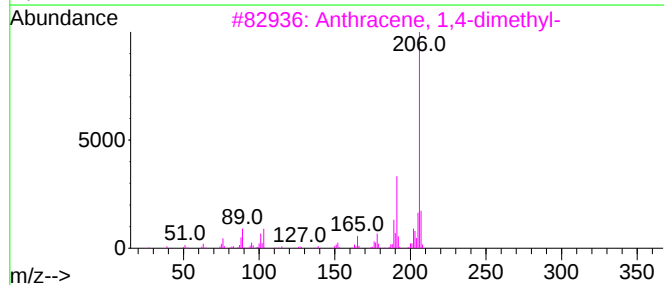
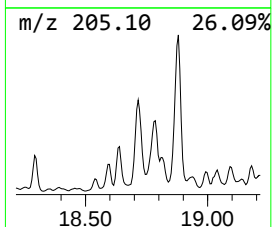
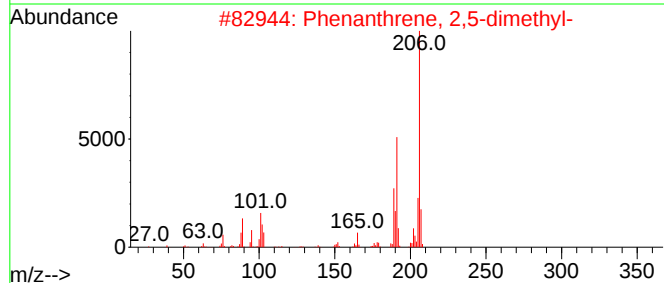
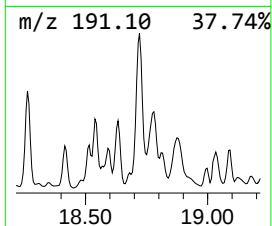
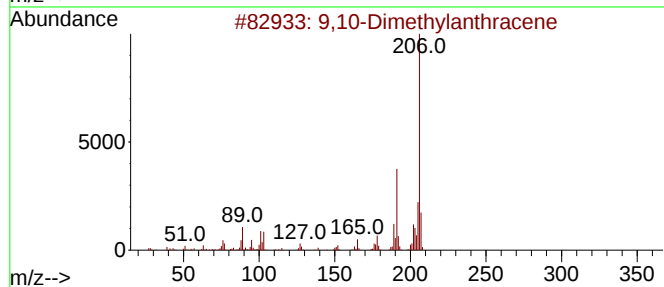
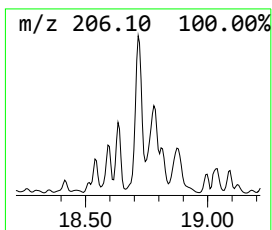
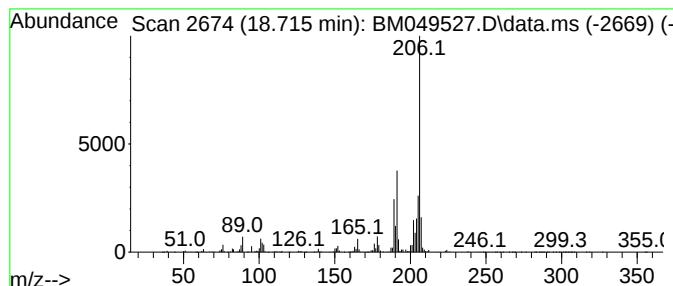
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 34 9,10-Dimethylantracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.715	75.76 ng/ul	9626360	Phenanthrene-d10	16.904	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	90
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	9,10-Dimethylantracene	206	C16H14	000781-43-1	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

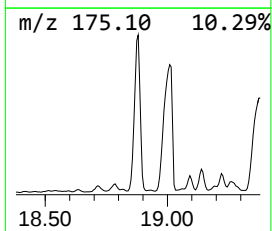
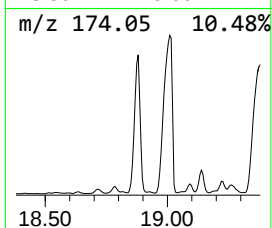
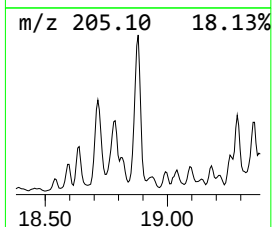
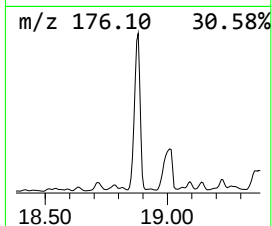
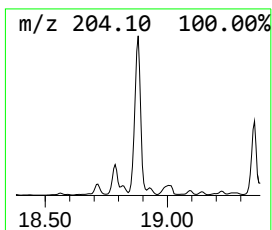
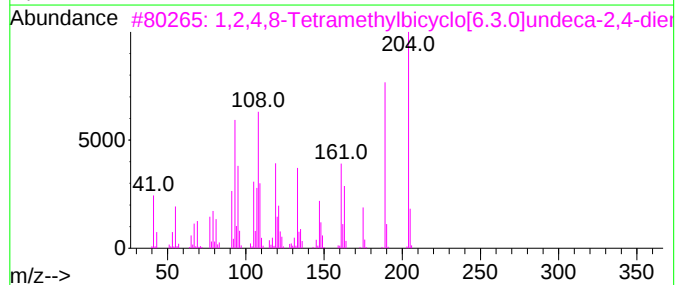
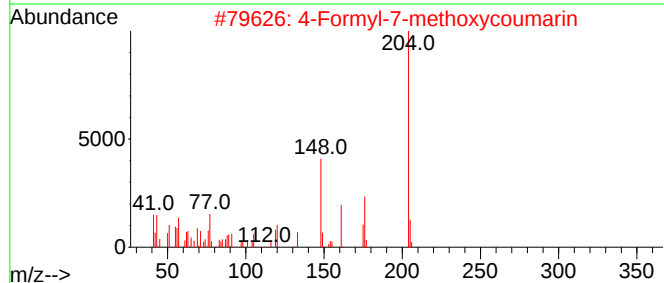
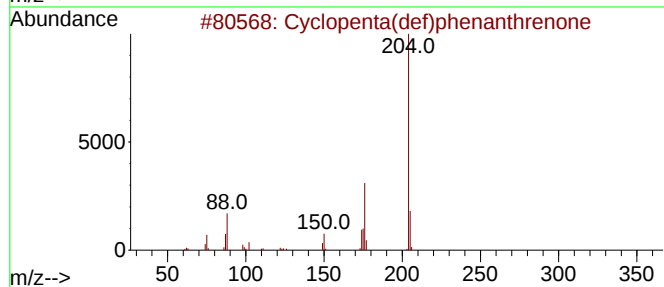
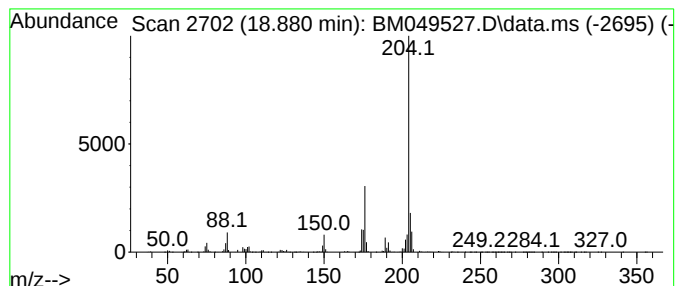
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 36 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.880	163.08 ng/ul	20722400	Phenanthrene-d10	16.904

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2			4-Formyl-7-methoxycoumarin	204	C11H8O4	1000429-03-0	64
3			1,2,4,8-Tetramethylbicyclo[6.3.0...]	204	C15H24	137235-51-9	60
4			3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
5			5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	59



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

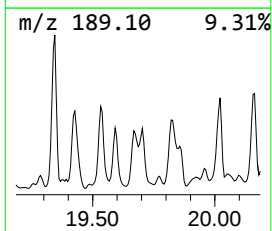
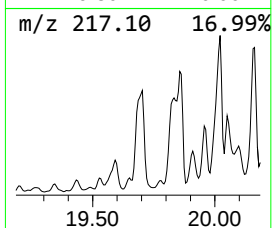
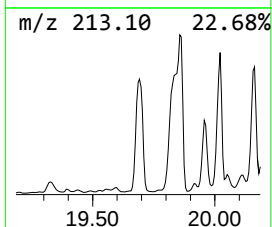
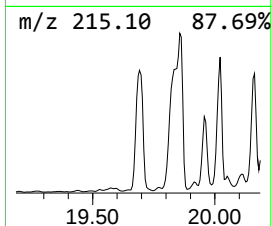
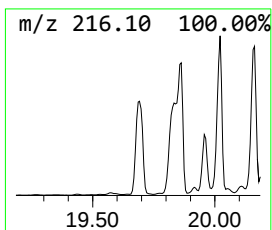
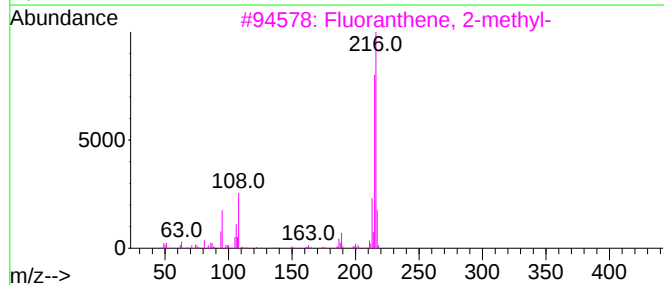
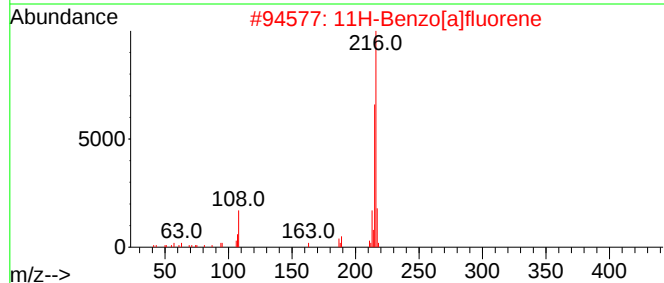
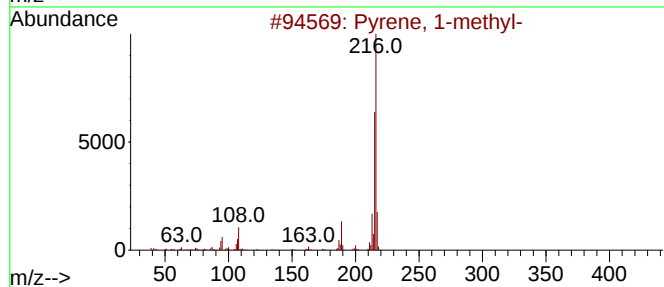
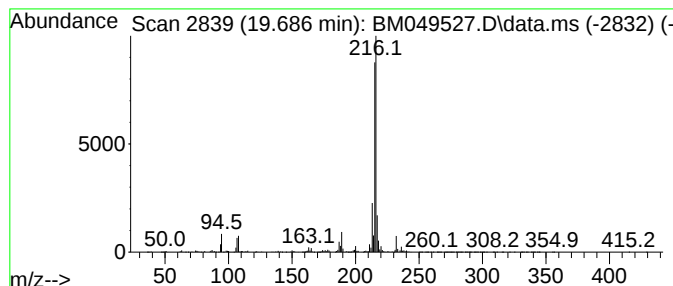
Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 40 Pyrene, 1-methyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.686	6.85 ng/ul	25985800	Chrysene-d12	21.180	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

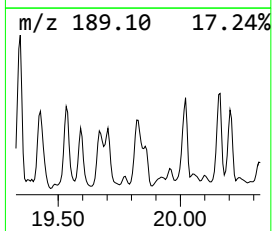
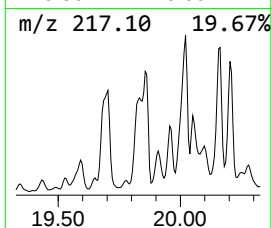
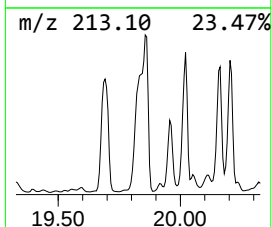
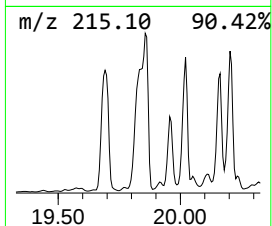
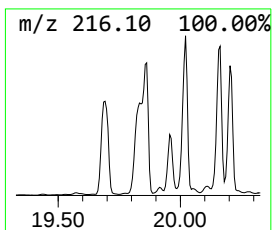
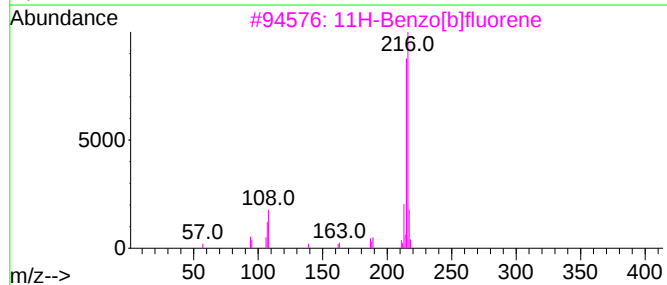
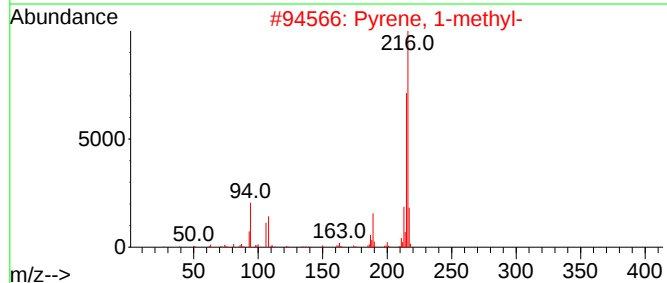
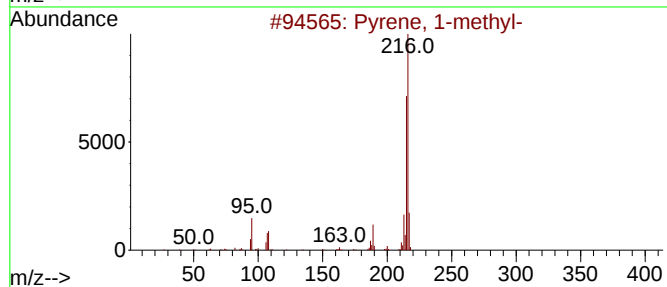
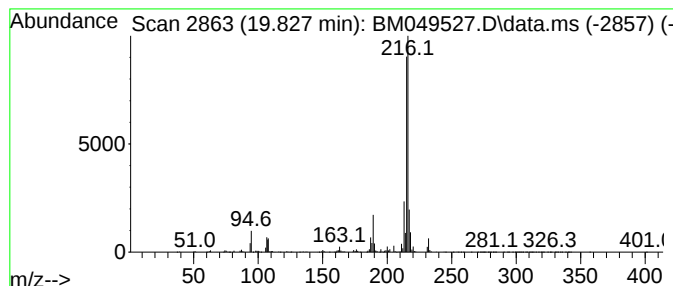
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 41 11H-Benzo[b]fluorene Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.827	5.04 ng/ul	19127200	Chrysene-d12	21.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

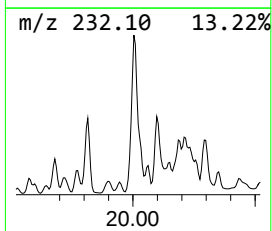
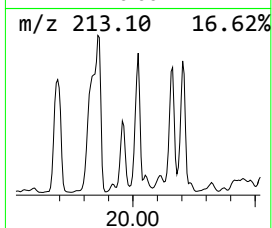
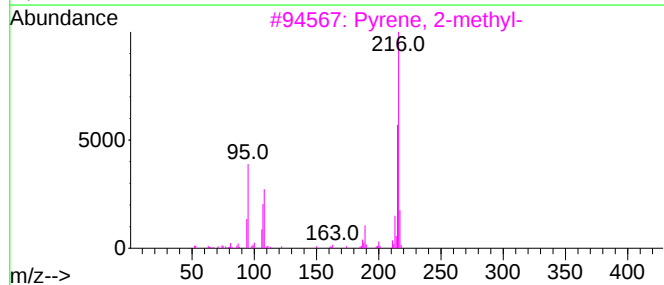
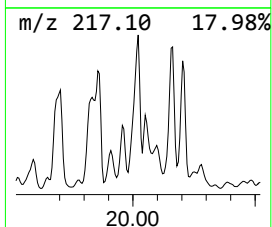
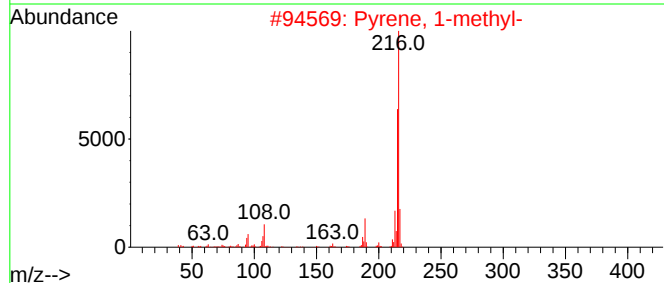
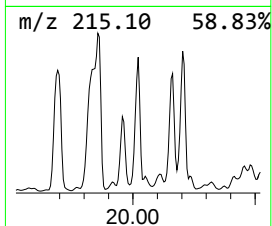
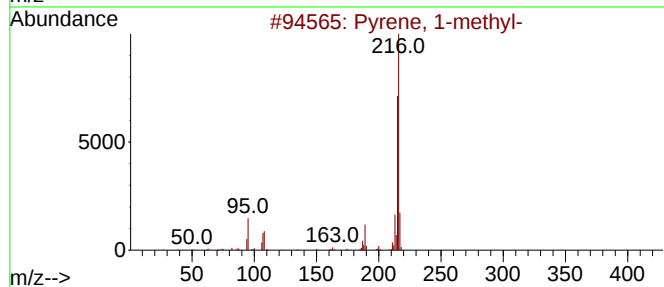
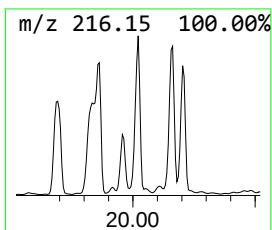
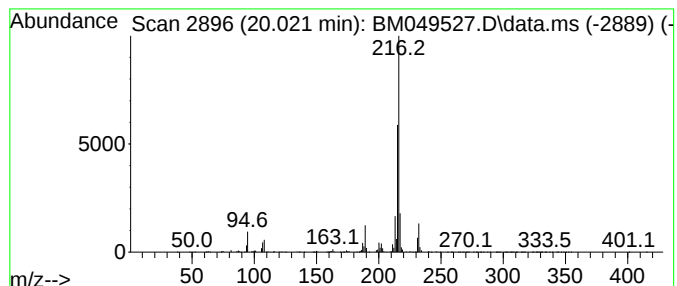
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 43 Pyrene, 2-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.021	6.69 ng/ul	25360700	Chrysene-d12	21.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-		216	C17H12		002381-21-7	95
2	Pyrene, 1-methyl-		216	C17H12		002381-21-7	94
3	Pyrene, 2-methyl-		216	C17H12		003442-78-2	94
4	Pyrene, 2-methyl-		216	C17H12		003442-78-2	92
5	Pyrene, 1-methyl-		216	C17H12		002381-21-7	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

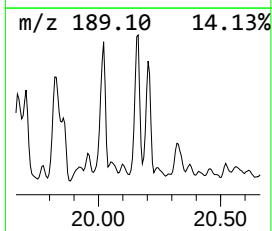
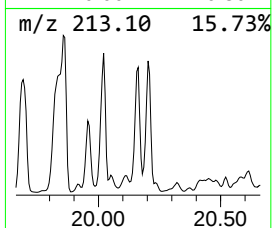
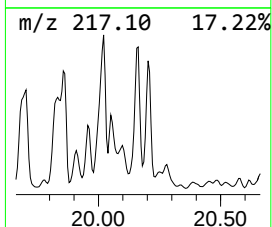
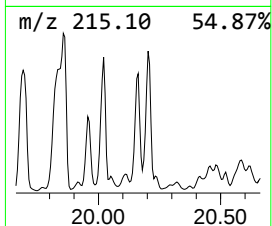
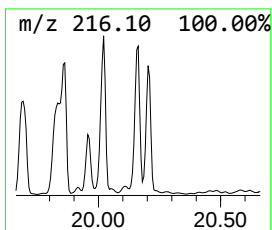
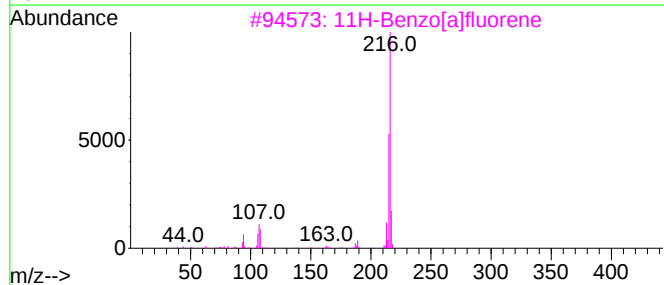
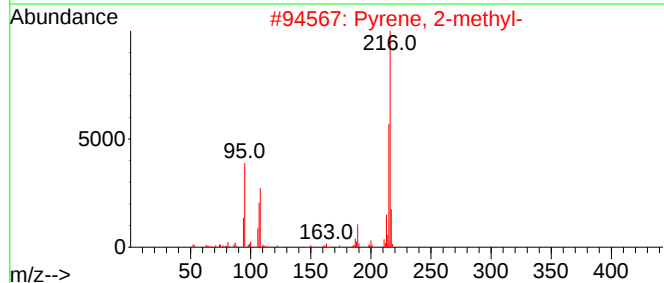
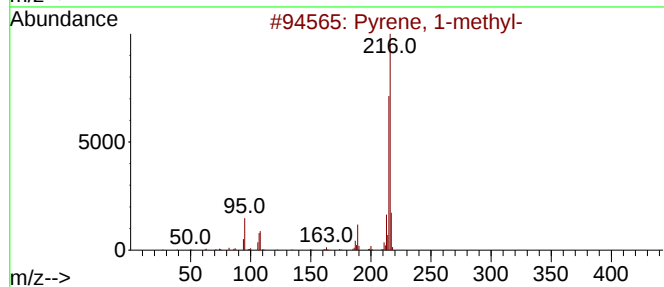
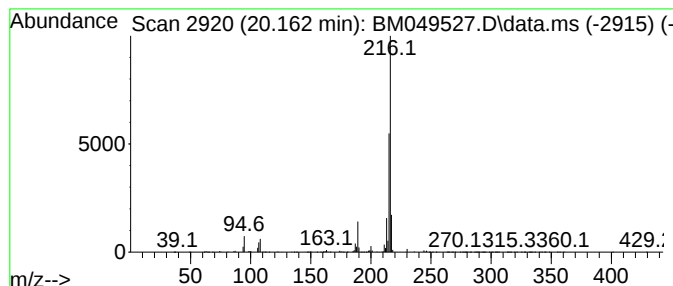
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 44 11H-Benzo[a]fluorene Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.162	4.24 ng/ul	16068800	Chrysene-d12	21.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2			Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4			Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
5			Pyrene, 4-methyl-	216	C17H12	003353-12-6	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

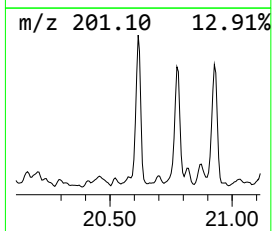
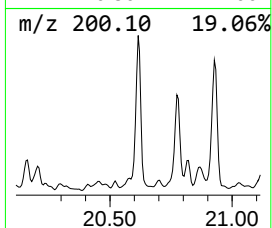
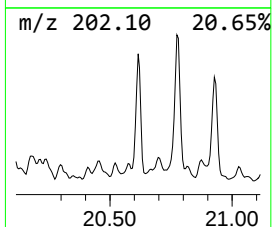
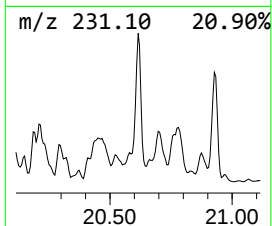
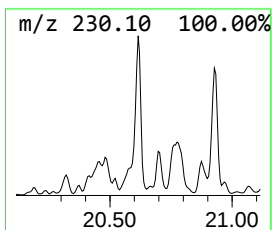
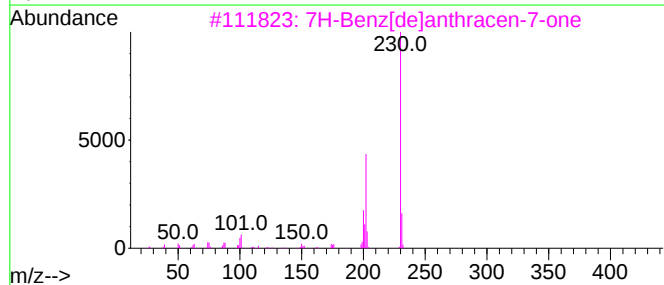
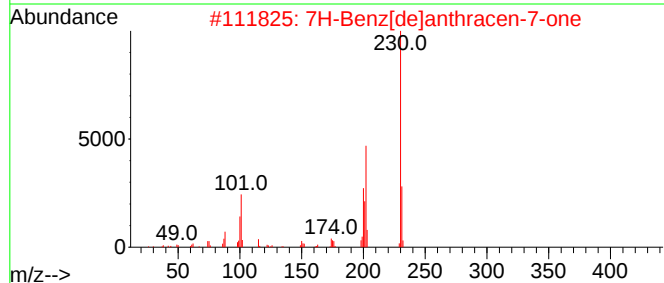
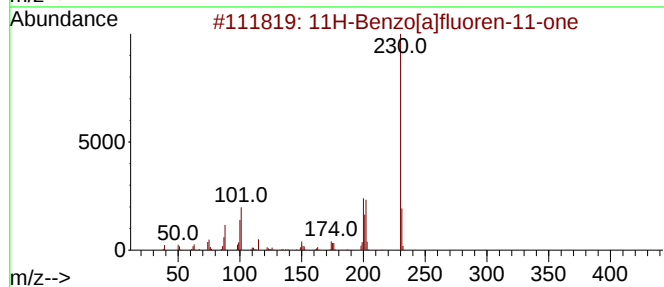
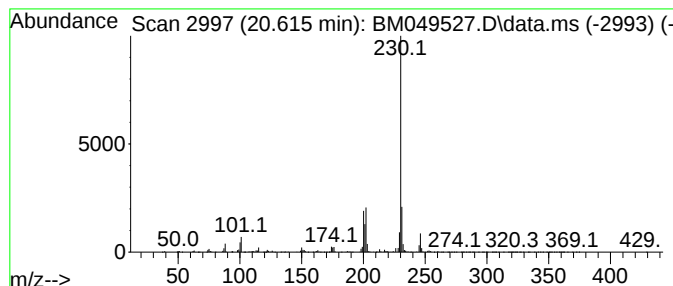
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 46 11H-Benzo[a]fluoren-11-one Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.615	4.04 ng/ul	15315300	Chrysene-d12	21.180

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	87
3			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	86
4			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	70
5			7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	68



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

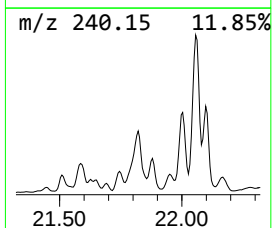
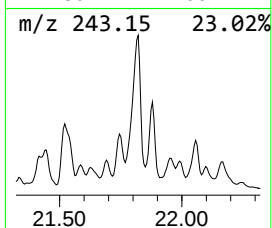
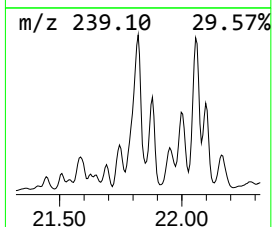
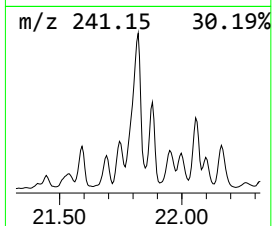
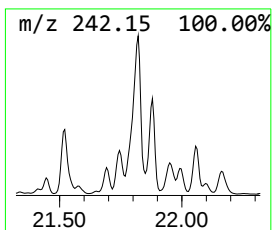
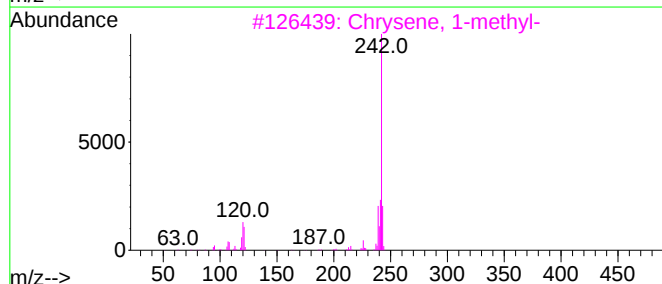
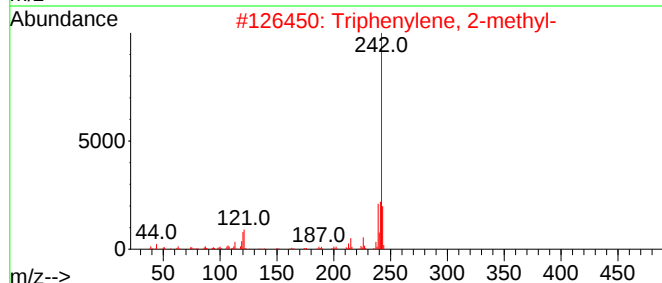
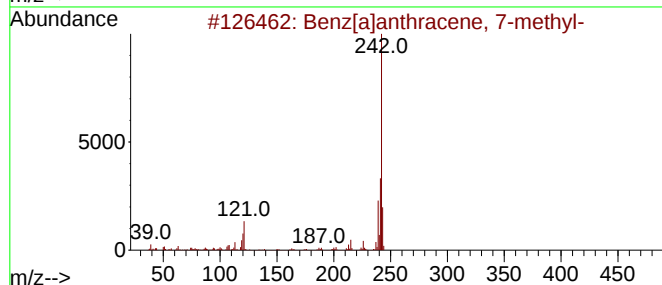
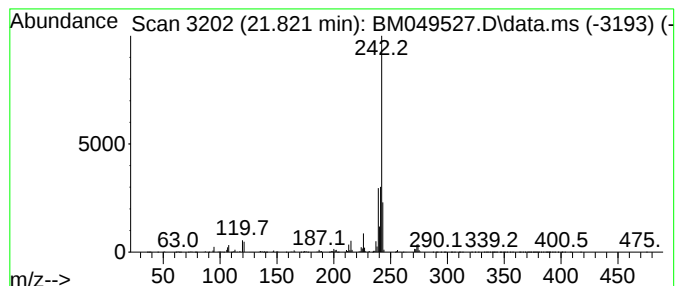
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 54 Benz[a]anthracene, 7-methyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.821	8.59 ng/ul	32594200	Chrysene-d12	21.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90
2			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
3			Chrysene, 1-methyl-	242	C19H14	003351-28-8	90
4			Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89
5			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

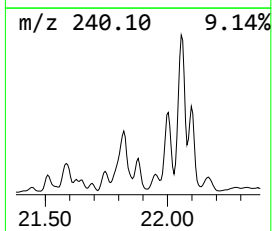
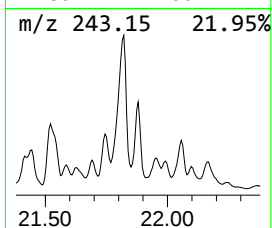
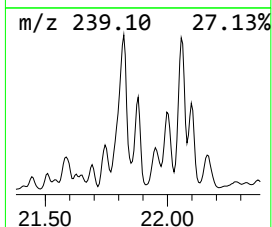
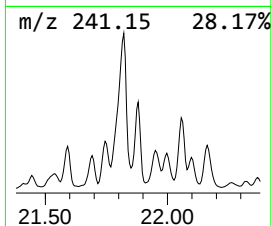
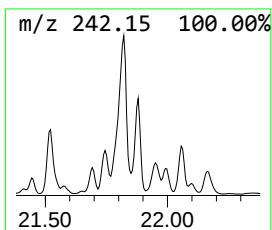
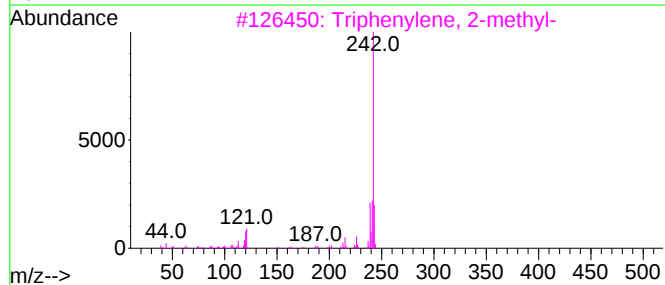
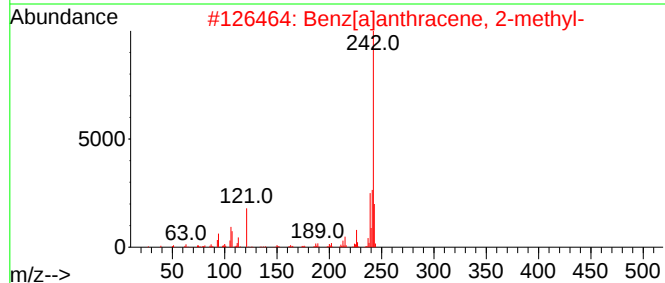
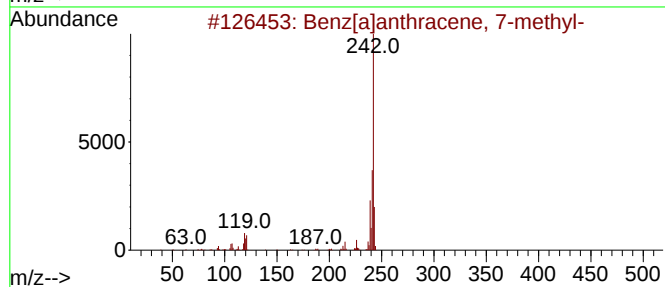
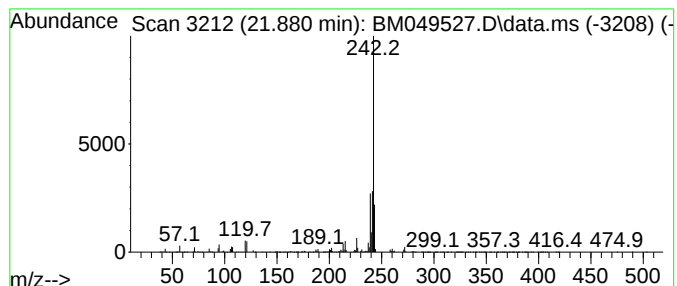
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 55 Benz[a]anthracene, 2-methyl- Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.880	3.41 ng/ul	12933000	Chrysene-d12	21.180

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2			Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	90
3			Triphenylene, 2-methyl-	242	C19H14	001705-84-6	90
4			Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	89
5			Benz[a]anthracene, 11-methyl-	242	C19H14	006111-78-0	89



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

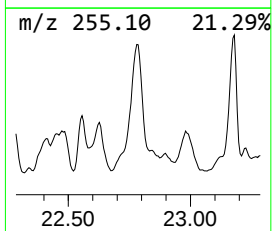
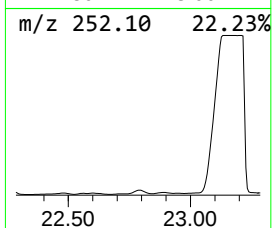
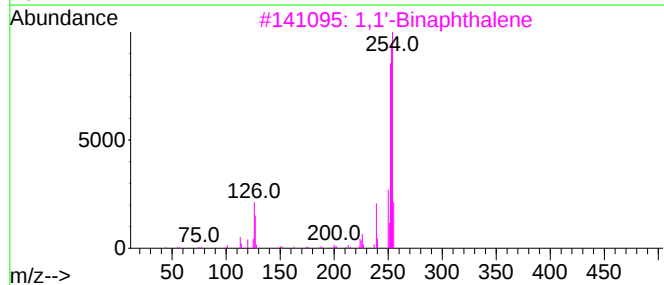
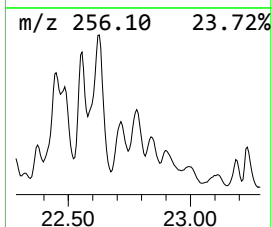
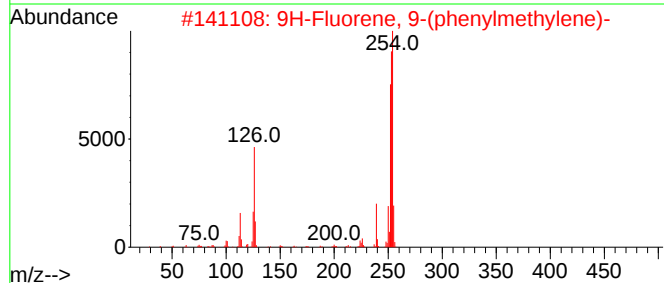
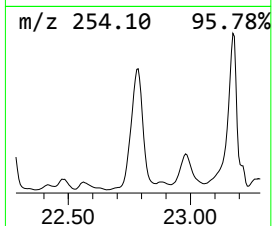
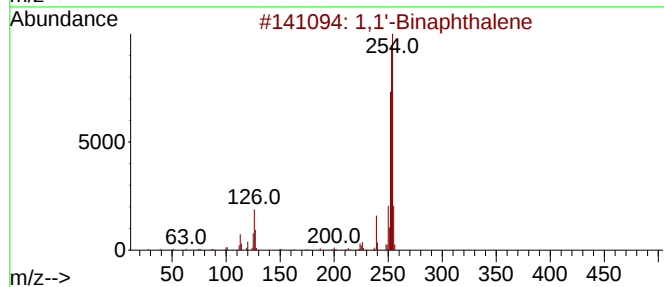
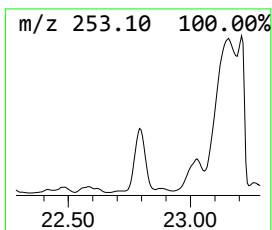
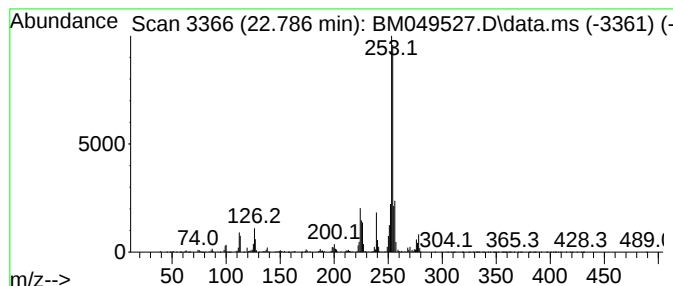
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 58 1,1'-Binaphthalene Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.786	3.66 ng/ul	10165000	Perylene-d12	23.997

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1'-Binaphthalene			254	C20H14	000604-53-5	94
2	9H-Fluorene, 9-(phenylmethylene)-			254	C20H14	001836-87-9	70
3	1,1'-Binaphthalene			254	C20H14	000604-53-5	70
4	4,5-Dihydrobenzo[e]pyrene			254	C20H14	095676-42-9	70
5	9,10[1',2']-Benzenoanthracene, 9...			254	C20H14	000477-75-8	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

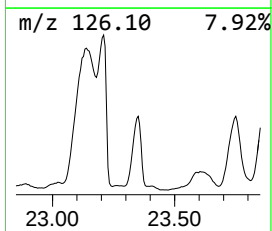
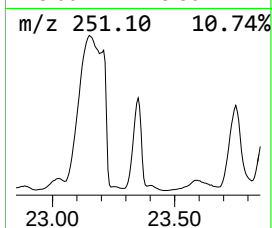
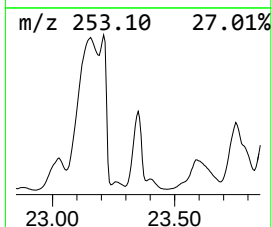
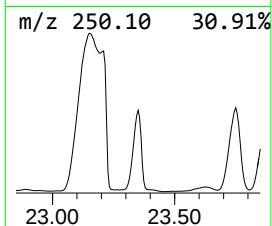
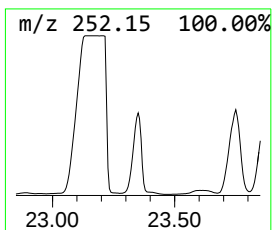
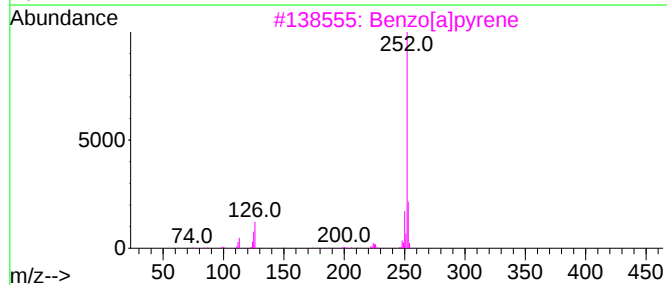
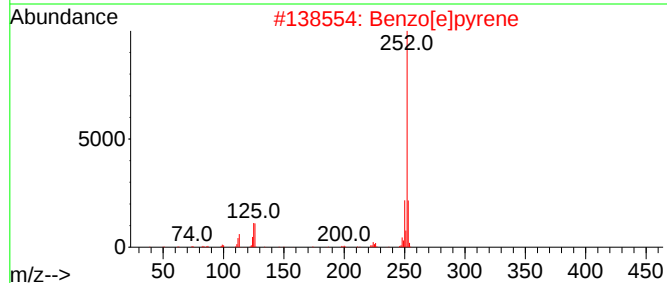
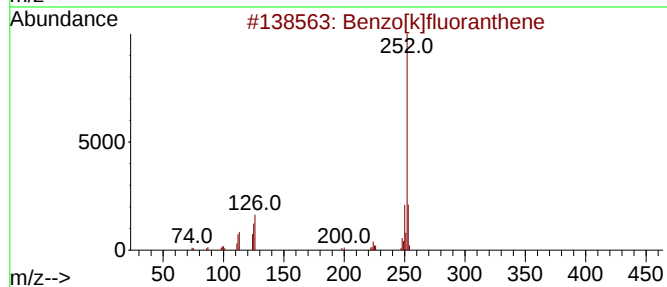
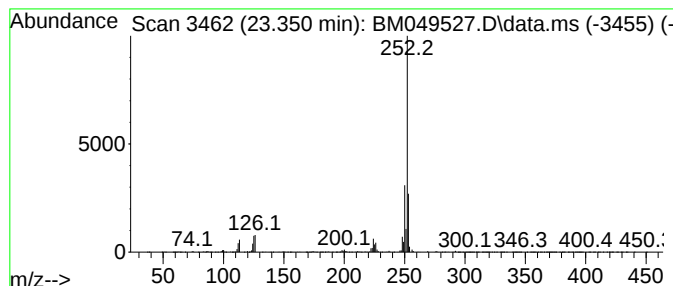
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 59 Benzo[e]pyrene Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.350	7.72 ng/ul	21461300	Perylene-d12	23.997

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
2			Benzo[e]pyrene	252	C20H12	000192-97-2	93
3			Benzo[a]pyrene	252	C20H12	000050-32-8	91
4			Benzo[a]pyrene	252	C20H12	000050-32-8	91
5			Benzo[b]fluoranthene	252	C20H12	000205-99-2	91



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

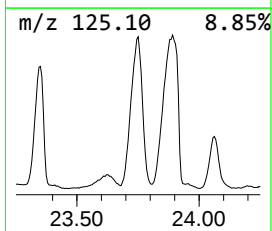
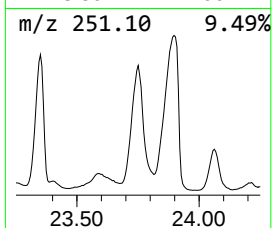
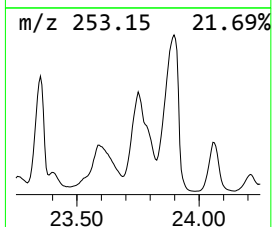
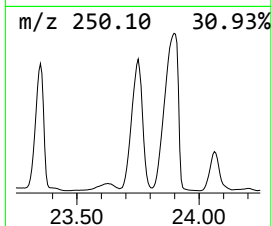
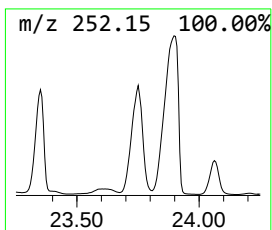
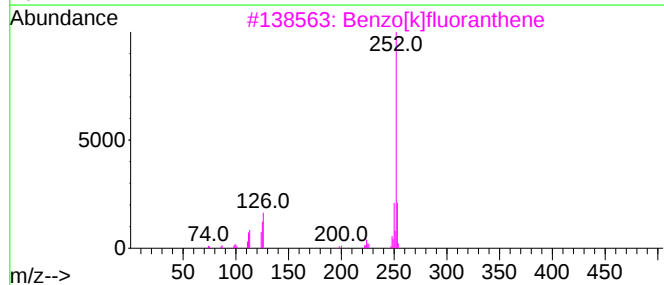
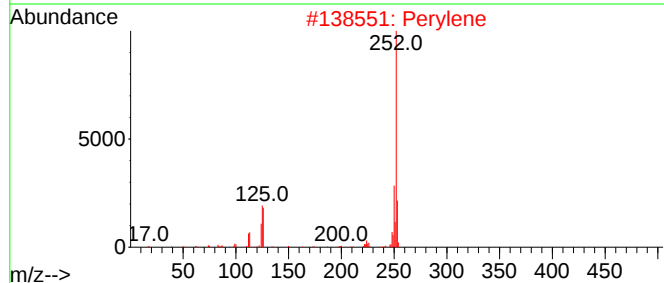
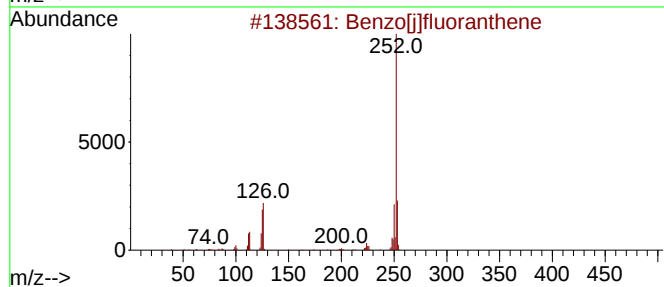
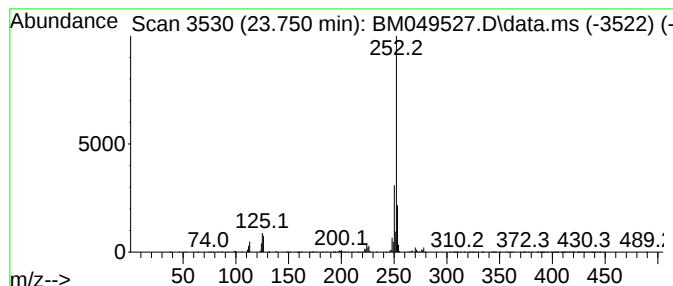
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 60 Benzo[j]fluoranthene Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.750	11.27 ng/ul	31323600	Perylene-d12	23.997

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzo[j]fluoranthene	252	C20H12	000205-82-3	96
2			Perylene	252	C20H12	000198-55-0	96
3			Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
4			Benzo[e]pyrene	252	C20H12	000192-97-2	96
5			Benzo[a]pyrene	252	C20H12	000050-32-8	95



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049527.D
Acq On : 30 Jan 2025 15:02
Operator : RC/JU
Sample : Q1189-13
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44R4

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.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
Benzene, 1-ethe...	7.175	24.9	ng/ul	1783210	1	7.510	1432140	20.0
Benzyl alcohol	7.763	93.7	ng/ul	6709290	1	7.510	1432140	20.0
Indene	8.040	40.8	ng/ul	2922310	1	7.510	1432140	20.0
Benzene, (1-met...	9.710	14.0	ng/ul	1363090	2	10.269	1952780	20.0
[1,1'-Biphenyl]...	15.663	12.4	ng/ul	1573830	4	16.904	2541360	20.0
1(2H)-Acenaphth...	15.886	23.0	ng/ul	2920460	4	16.904	2541360	20.0
9H-Fluoren-9-one	16.563	17.4	ng/ul	2212280	4	16.904	2541360	20.0
(DEL) Alkane: S...	16.745	29.4	ng/ul	3732530	4	16.904	2541360	20.0
Benzo[h]cinnoline	17.098	33.1	ng/ul	4201810	4	16.904	2541360	20.0
Naphthalene, 1-...	17.433	18.6	ng/ul	2365540	4	16.904	2541360	20.0
Anthracene, 2-m...	17.786	40.2	ng/ul	5105630	4	16.904	2541360	20.0
Phenanthrene, 2...	17.833	63.7	ng/ul	8098780	4	16.904	2541360	20.0
Phenanthrene, 1...	17.915	59.3	ng/ul	7528520	4	16.904	2541360	20.0
4H-Cyclopenta[d...	17.986	175.3	ng/ul	22282000	4	16.904	2541360	20.0
1H-Indene, 2-ph...	18.262	23.3	ng/ul	2966260	4	16.904	2541360	20.0
5,16[1',2']:8,1...	18.292	33.4	ng/ul	4241920	4	16.904	2541360	20.0
Benzo[c]cinnoline	18.345	25.3	ng/ul	3208210	4	16.904	2541360	20.0
Phenanthrene, 1...	18.592	13.5	ng/ul	1715090	4	16.904	2541360	20.0
Phenanthrene, 3...	18.633	28.0	ng/ul	3556600	4	16.904	2541360	20.0
9,10-Dimethylan...	18.715	75.8	ng/ul	9626360	4	16.904	2541360	20.0
Cyclopenta(def)...	18.880	163.1	ng/ul	20722400	4	16.904	2541360	20.0
Pyrene, 1-methyl-	19.686	6.8	ng/ul	25985800	5	21.180	75861300	20.0
11H-Benzo[b]flu...	19.827	5.0	ng/ul	19127200	5	21.180	75861300	20.0
Pyrene, 2-methyl-	20.021	6.7	ng/ul	25360700	5	21.180	75861300	20.0
11H-Benzo[a]flu...	20.162	4.2	ng/ul	16068800	5	21.180	75861300	20.0
11H-Benzo[a]flu...	20.615	4.0	ng/ul	15315300	5	21.180	75861300	20.0
Benz[a]anthrace...	21.821	8.6	ng/ul	32594200	5	21.180	75861300	20.0
Benz[a]anthrace...	21.880	3.4	ng/ul	12933000	5	21.180	75861300	20.0
1,1'-Binaphthalene	22.786	3.7	ng/ul	10165000	6	23.997	55583600	20.0
Benzo[e]pyrene	23.350	7.7	ng/ul	21461300	6	23.997	55583600	20.0
Benzo[j]fluoran...	23.750	11.3	ng/ul	31323600	6	23.997	55583600	20.0