

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
 Data File : BM049539.D
 Acq On : 30 Jan 2025 23:06
 Operator : RC/JU
 Sample : Q1189-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A44Q6

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: BM049539.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.111	18	21	26	rVB	30719	42029	0.70%	0.068%
2	3.510	86	89	101	rVV	122261	188241	3.12%	0.304%
3	3.605	101	105	110	rVB	28695	33792	0.56%	0.055%
4	3.905	152	156	160	rBV3	26460	35314	0.59%	0.057%
5	4.693	284	290	297	rVB3	78883	153268	2.54%	0.247%
6	5.934	497	501	507	rVB3	23506	39384	0.65%	0.064%
7	6.669	620	626	630	rVV	80416	130412	2.16%	0.211%
8	6.728	630	636	650	rVV	446675	832905	13.81%	1.345%
9	6.857	652	658	671	rVV	371759	589152	9.77%	0.951%
10	7.057	686	692	702	rBV	485473	746156	12.37%	1.205%
11	7.510	762	769	777	rBV	865228	1341493	22.25%	2.166%
12	8.040	854	859	866	rVB5	16730	32557	0.54%	0.053%
13	8.240	886	893	902	rBV	459931	761829	12.63%	1.230%
14	8.328	902	908	915	rVB	244513	402561	6.68%	0.650%
15	8.651	957	963	973	rVB	397371	659061	10.93%	1.064%
16	9.092	1032	1038	1045	rBV2	21517	35270	0.58%	0.057%
17	9.240	1057	1063	1073	rBV3	24682	55611	0.92%	0.090%
18	9.369	1077	1085	1092	rBV	320750	559581	9.28%	0.904%
19	9.575	1115	1120	1132	rBV2	38176	92740	1.54%	0.150%
20	9.728	1140	1146	1150	rBV3	20406	34431	0.57%	0.056%
21	9.922	1172	1179	1188	rVB	497328	870827	14.44%	1.406%
22	10.269	1231	1238	1245	rBV	1122919	1824388	30.25%	2.946%
23	10.316	1245	1246	1253	rVB2	28035	34428	0.57%	0.056%
24	10.428	1255	1265	1279	rBV	151706	347336	5.76%	0.561%
25	10.845	1324	1336	1342	rBV	21071	73223	1.21%	0.118%
26	13.575	1794	1800	1811	rBV	918391	1313222	21.78%	2.120%
27	13.839	1835	1845	1859	rBV	1008870	1630445	27.04%	2.633%
28	14.151	1891	1898	1906	rVV	1730730	2477068	41.08%	4.000%
29	14.216	1906	1909	1918	rVB3	23651	42473	0.70%	0.069%
30	14.427	1939	1945	1958	rVV	254350	541011	8.97%	0.874%
31	14.557	1961	1967	1973	rVB4	22229	57470	0.95%	0.093%
32	14.769	1998	2003	2011	rBV9	18627	48924	0.81%	0.079%
33	15.033	2044	2048	2054	rVB2	22684	33640	0.56%	0.054%
34	15.151	2062	2068	2074	rBV	1229669	1715818	28.45%	2.771%
35	15.210	2074	2078	2085	rVB2	28325	50358	0.84%	0.081%
36	15.286	2087	2091	2097	rVV	232705	321725	5.34%	0.519%

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37	15.527	2124	2132	2141	rVV	299668	456836	7.58%	0.738%
38	15.657	2151	2154	2162	rVB3	21663	42007	0.70%	0.068%
39	15.892	2189	2194	2198	rBV4	43433	77930	1.29%	0.126%
40	16.092	2224	2228	2233	rVB	33514	48922	0.81%	0.079%
41	16.451	2285	2289	2292	rVV4	26086	37236	0.62%	0.060%
42	16.486	2292	2295	2299	rVV2	28024	39576	0.66%	0.064%
43	16.568	2304	2309	2316	rVB	79704	129914	2.15%	0.210%
44	16.645	2318	2322	2327	rBV3	23710	41568	0.69%	0.067%
45	16.692	2327	2330	2333	rVV3	29148	38606	0.64%	0.062%
46	16.727	2333	2336	2346	rVB	42259	77488	1.28%	0.125%
47	16.910	2360	2367	2371	rBV	2063253	3025565	50.17%	4.885%
48	16.951	2371	2374	2378	rVV	854792	1079230	17.90%	1.743%
49	17.004	2378	2383	2387	rVV	1303111	1835782	30.44%	2.964%
50	17.039	2387	2389	2396	rVV	167045	213015	3.53%	0.344%
51	17.104	2396	2400	2407	rVB4	36340	62154	1.03%	0.100%
52	17.227	2417	2421	2426	rVB3	22380	32916	0.55%	0.053%
53	17.321	2433	2437	2441	rBV	71565	101943	1.69%	0.165%
54	17.433	2452	2456	2460	rVB	62415	77930	1.29%	0.126%
55	17.492	2462	2466	2471	rVB4	49044	71361	1.18%	0.115%
56	17.704	2499	2502	2507	rVB3	28454	44628	0.74%	0.072%
57	17.786	2511	2516	2520	rVV	189696	273062	4.53%	0.441%
58	17.833	2520	2524	2532	rVV	617866	877085	14.54%	1.416%
59	17.910	2534	2537	2542	rVV2	75516	138528	2.30%	0.224%
60	17.974	2543	2548	2552	rVV2	311811	528989	8.77%	0.854%
61	18.015	2552	2555	2565	rVB	151864	222092	3.68%	0.359%
62	18.186	2581	2584	2588	rVB2	29707	39999	0.66%	0.065%
63	18.292	2599	2602	2605	rBV	110074	131642	2.18%	0.213%
64	18.333	2605	2609	2615	rVB	264404	363310	6.02%	0.587%
65	18.392	2616	2619	2626	rVB3	76726	110280	1.83%	0.178%
66	18.509	2636	2639	2641	rBV4	24365	30754	0.51%	0.050%
67	18.539	2641	2644	2649	rVV3	62786	86821	1.44%	0.140%
68	18.592	2649	2653	2656	rVV	74075	92780	1.54%	0.150%
69	18.627	2656	2659	2663	rVV2	89876	119663	1.98%	0.193%
70	18.668	2663	2666	2669	rVV2	41733	48302	0.80%	0.078%
71	18.715	2669	2674	2679	rVV2	208678	341190	5.66%	0.551%
72	18.774	2679	2684	2687	rVV2	120359	206032	3.42%	0.333%
73	18.809	2687	2690	2693	rVV	72269	96727	1.60%	0.156%
74	18.851	2693	2697	2710	rVV	253198	627439	10.40%	1.013%
75	18.980	2713	2719	2725	rVB	2990412	4100350	67.99%	6.621%
76	19.080	2734	2736	2740	rVB3	52533	58948	0.98%	0.095%

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77	19.127	2740	2744	2749	rBV2	196612	278241	4.61%	0.449%
78	19.186	2751	2754	2757	rVV2	51191	65715	1.09%	0.106%
79	19.315	2770	2776	2778	rBV	1741698	2495809	41.39%	4.030%
80	19.345	2778	2781	2790	rVV	2197393	2905836	48.19%	4.692%
81	19.421	2790	2794	2801	rVB3	137528	245605	4.07%	0.397%
82	19.527	2809	2812	2817	rVB	118566	146038	2.42%	0.236%
83	19.674	2832	2837	2844	rBV2	215046	499739	8.29%	0.807%
84	19.809	2856	2860	2863	rBV4	199506	360035	5.97%	0.581%
85	19.845	2863	2866	2871	rVB	365137	476897	7.91%	0.770%
86	19.945	2880	2883	2888	rBV2	179904	252613	4.19%	0.408%
87	20.004	2889	2893	2898	rVB2	321224	456478	7.57%	0.737%
88	20.145	2914	2917	2921	rBV	169272	171612	2.85%	0.277%
89	20.192	2921	2925	2929	rBV	170054	239644	3.97%	0.387%
90	20.598	2990	2994	3000	rVB	419744	541589	8.98%	0.875%
91	20.762	3017	3022	3026	rBV2	304735	513825	8.52%	0.830%
92	20.803	3026	3029	3032	rVV	254802	278432	4.62%	0.450%
93	20.862	3032	3039	3042	rVV3	284511	621563	10.31%	1.004%
94	20.903	3042	3046	3053	rVB	378879	565628	9.38%	0.913%
95	21.139	3079	3086	3091	rBV2	2978412	6030434	100.00%	9.737%
96	21.180	3091	3093	3105	rVB	1462968	2047874	33.96%	3.307%
97	23.056	3405	3412	3418	rBV	1208824	3161062	52.42%	5.104%
98	23.733	3523	3527	3532	rVB	431213	697758	11.57%	1.127%
99	23.792	3533	3537	3550	rVB	487275	1093591	18.13%	1.766%
100	23.927	3553	3560	3573	rBV	1513216	3607870	59.83%	5.826%

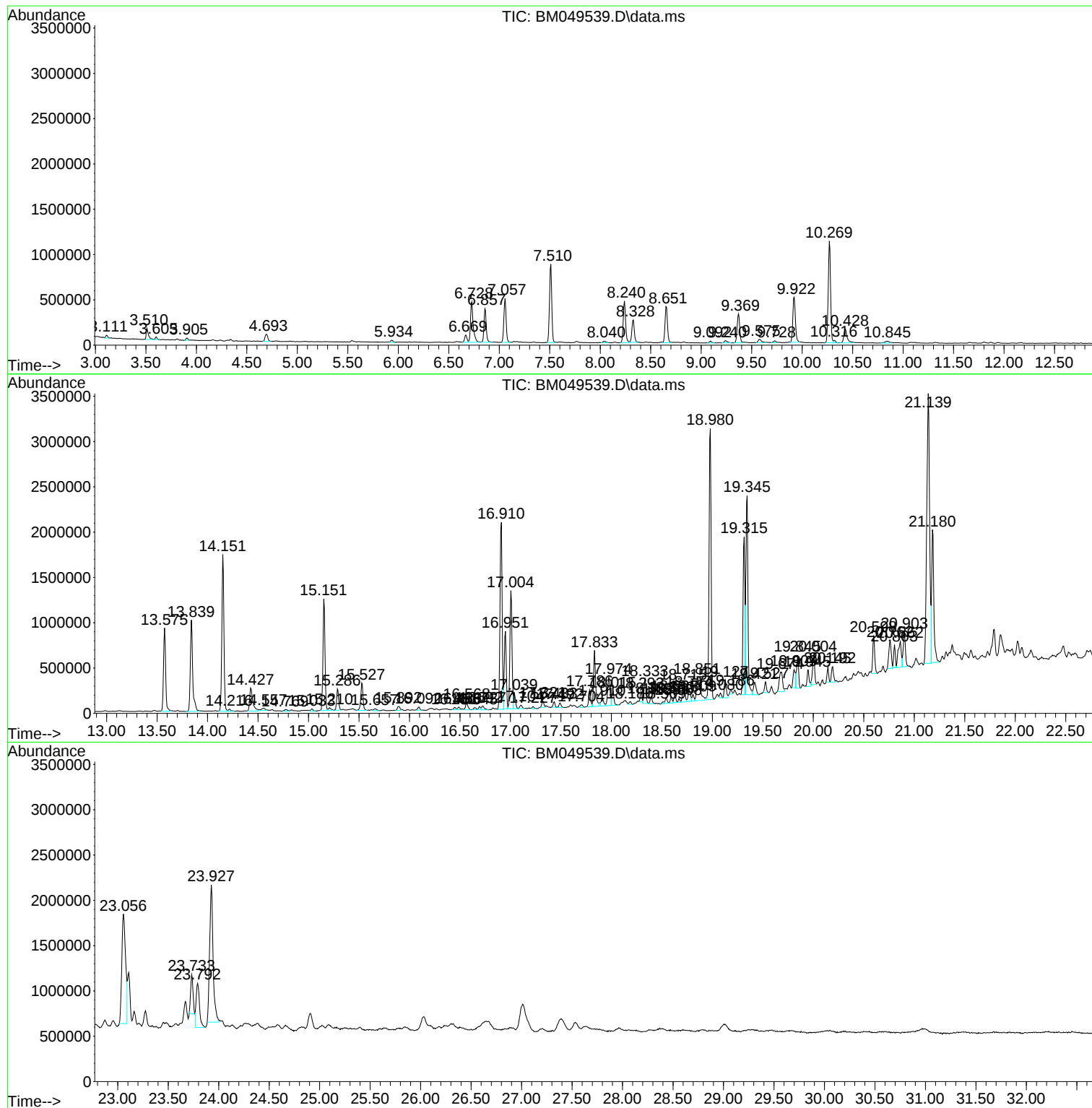
Sum of corrected areas: 61930631

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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



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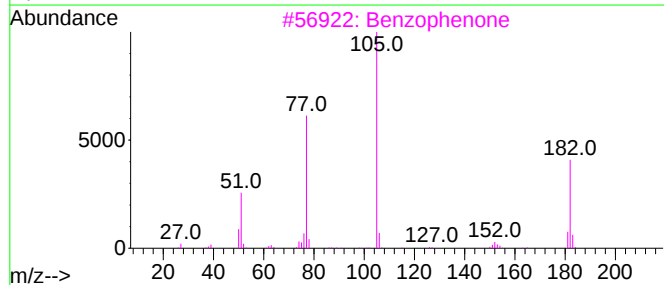
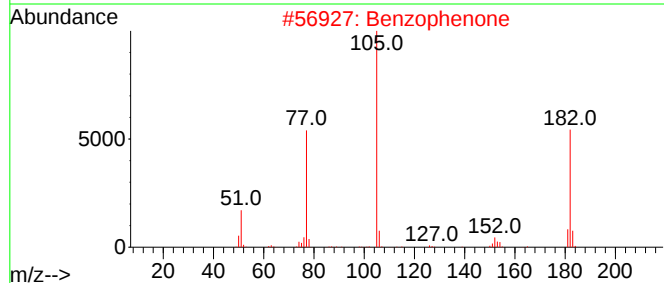
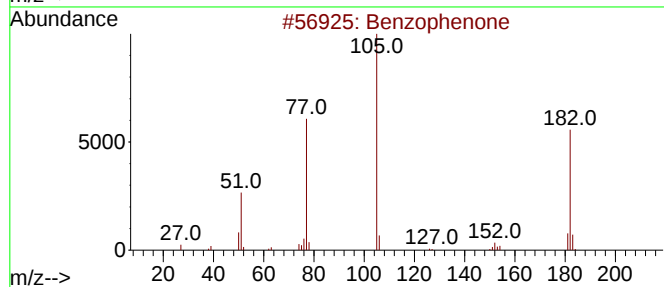
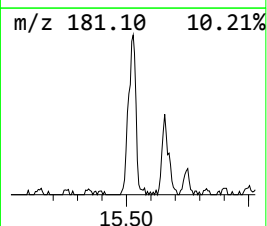
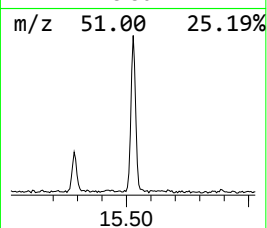
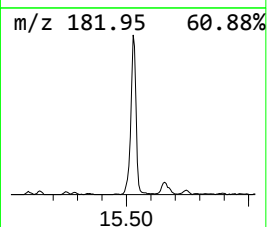
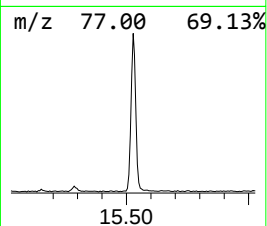
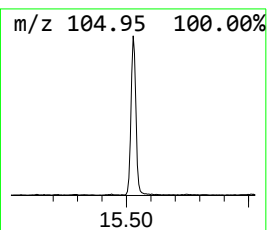
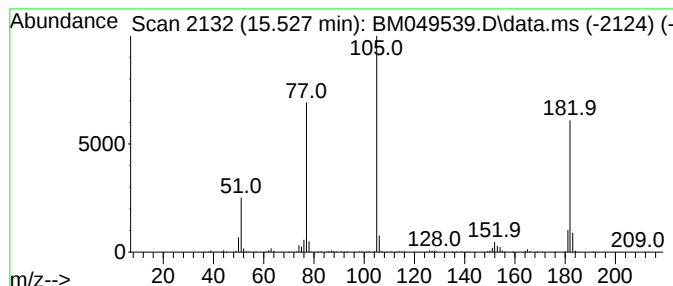
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzophenone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.527	3.69 ng/ul	456836	Acenaphthene-d10	14.151

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzophenone	182	C13H10O	000119-61-9	96
2			Benzophenone	182	C13H10O	000119-61-9	95
3			Benzophenone	182	C13H10O	000119-61-9	94
4			Benzophenone	182	C13H10O	000119-61-9	90
5			1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47



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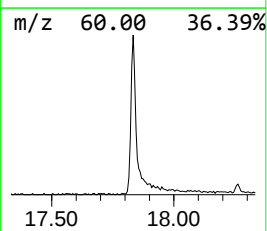
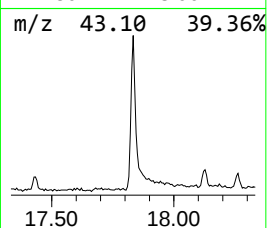
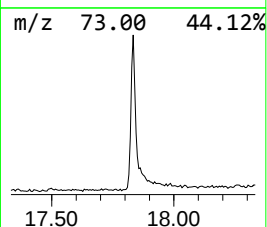
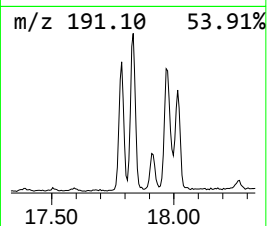
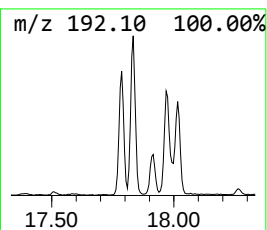
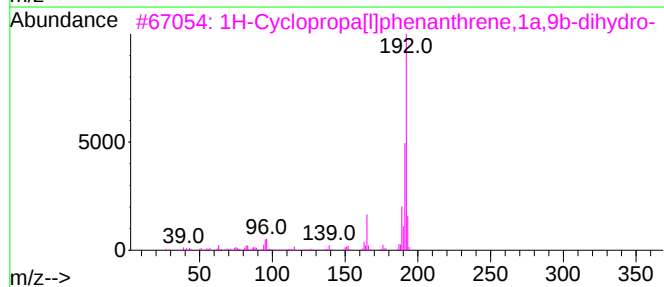
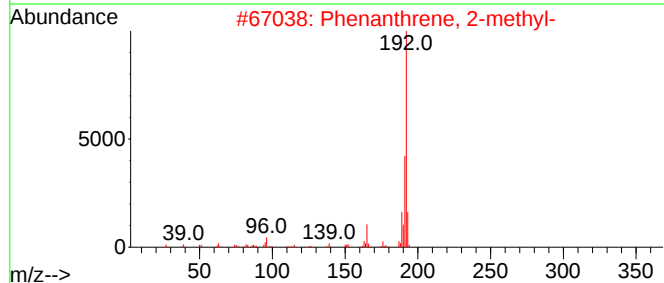
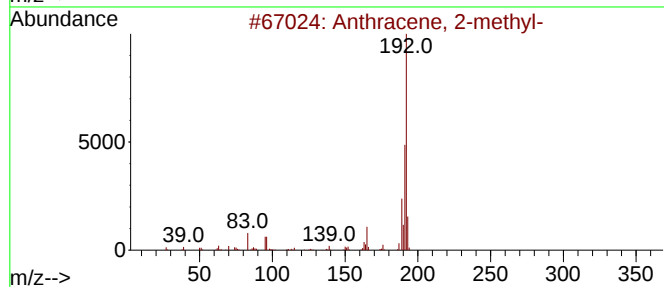
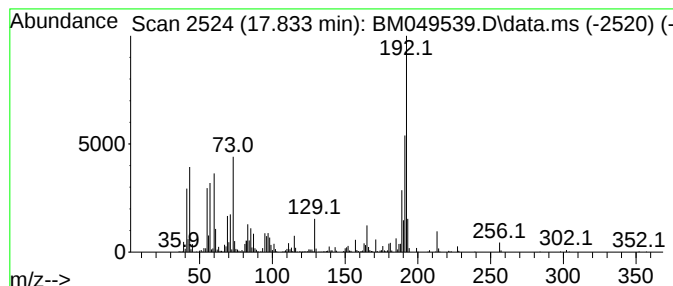
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM012825.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.833	5.80 ng/ul	877085	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3			1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	95



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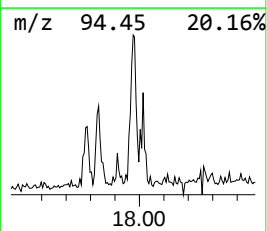
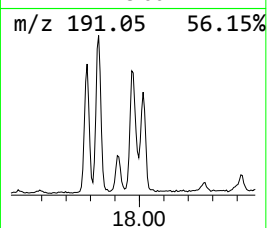
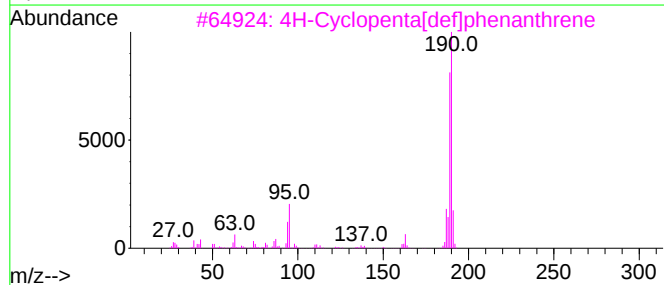
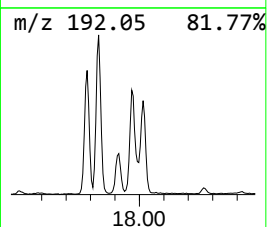
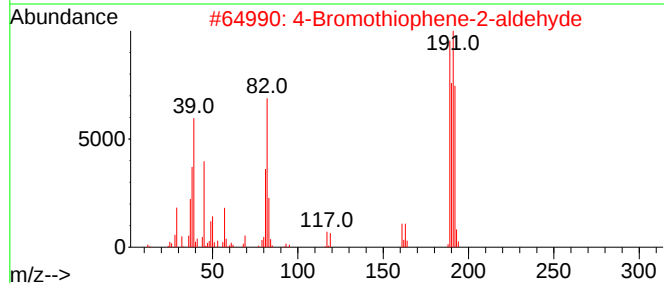
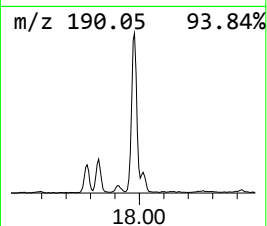
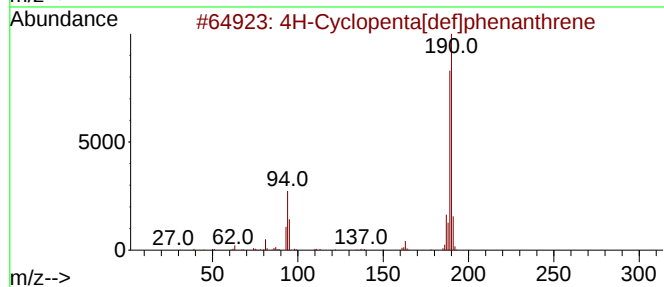
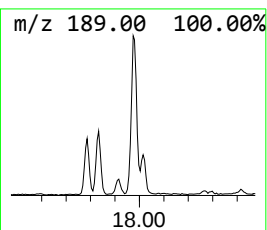
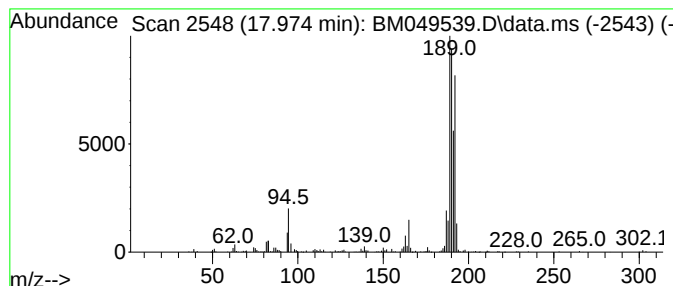
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.974	3.50 ng/ul	528989	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2			4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	58
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
4			1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	42
5			Anthracene, 1-methyl-	192	C15H12	000610-48-0	42



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049539.D
Acq On : 30 Jan 2025 23:06
Operator : RC/JU
Sample : Q1189-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q6

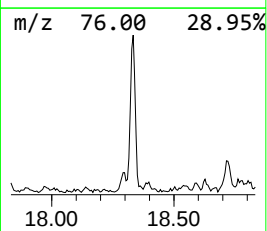
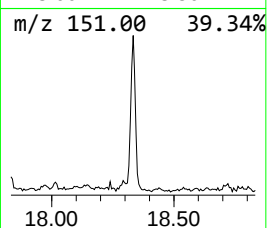
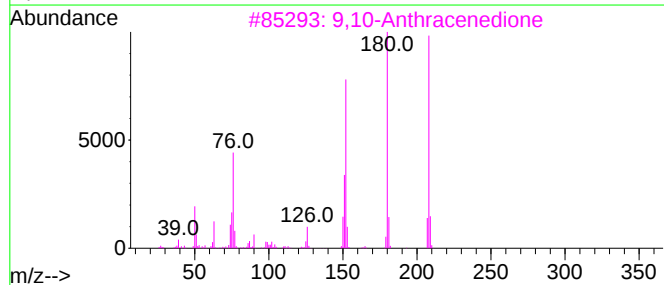
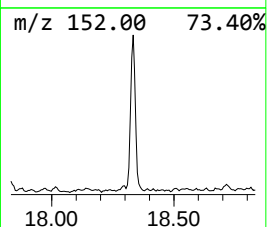
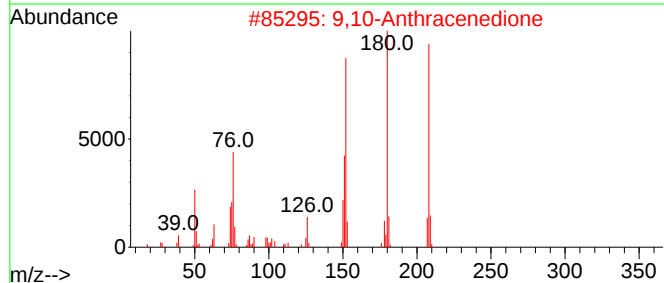
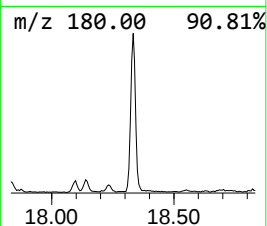
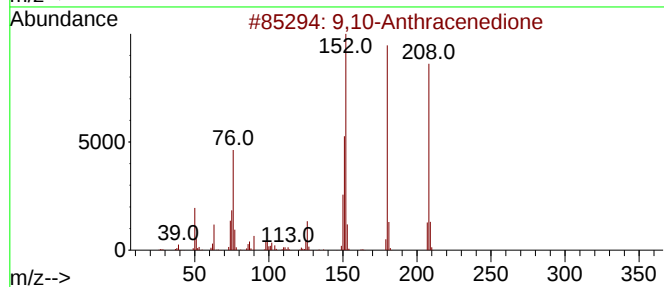
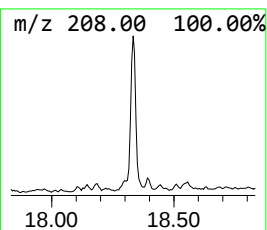
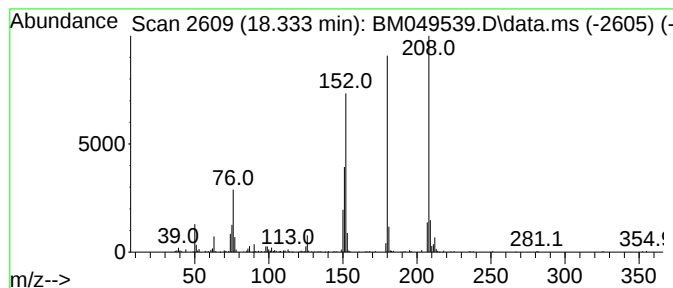
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 9,10-Anthracenedione Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	2.40 ng/ul	363310	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2			9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
3			9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
4			9,10-Anthracenedione	208	C14H8O2	000084-65-1	89
5			9H-Fluoren-9-one	180	C13H8O	000486-25-9	62



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049539.D
Acq On : 30 Jan 2025 23:06
Operator : RC/JU
Sample : Q1189-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q6

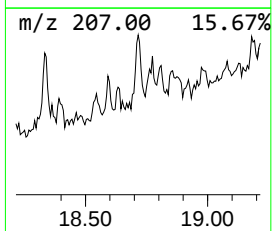
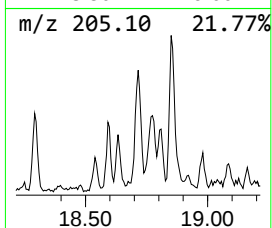
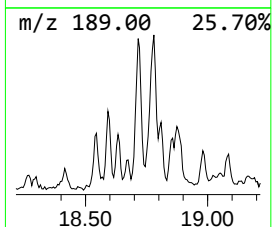
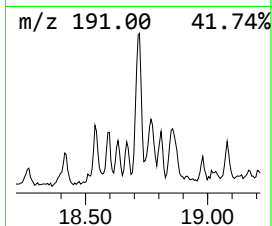
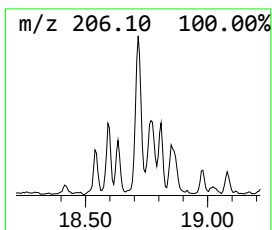
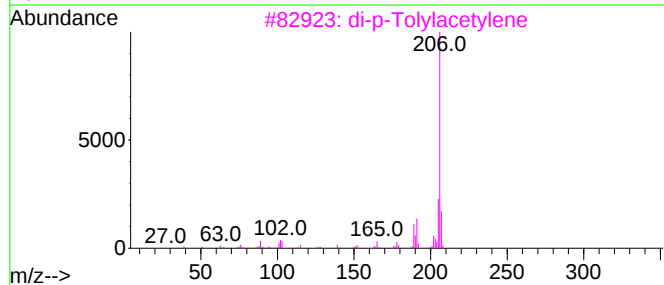
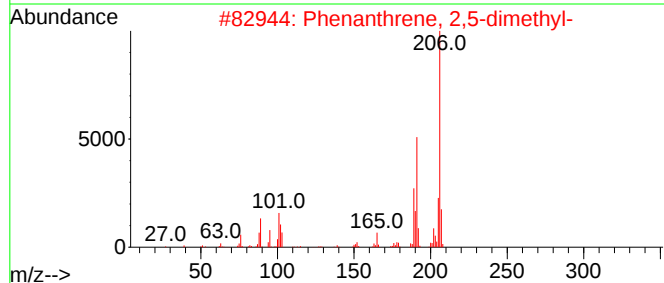
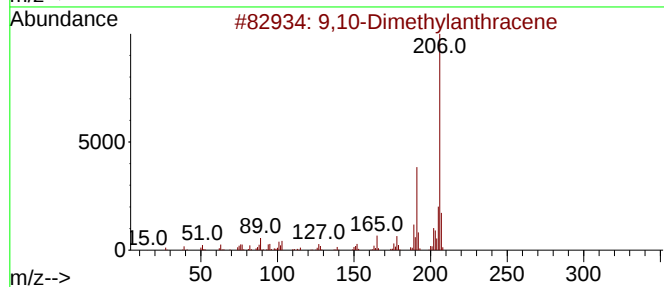
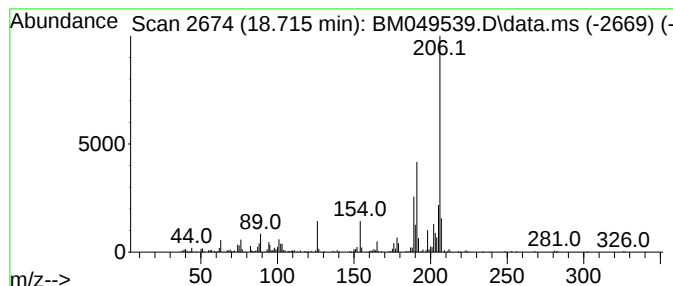
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 9,10-Dimethylantracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	2.26 ng/ul	341190	Phenanthrene-d10	16.910

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylantracene	206	C16H14	000781-43-1	96	
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94	
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93	
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	91	
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90	



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049539.D
Acq On : 30 Jan 2025 23:06
Operator : RC/JU
Sample : Q1189-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

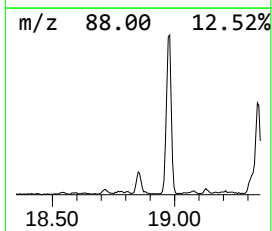
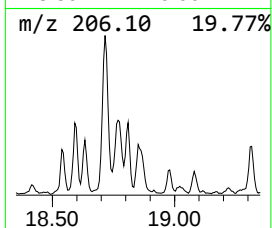
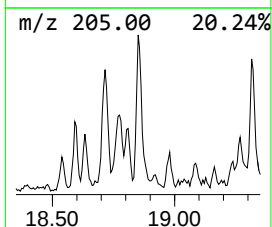
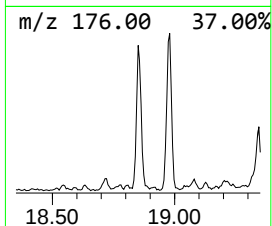
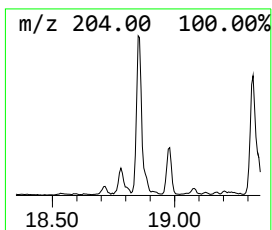
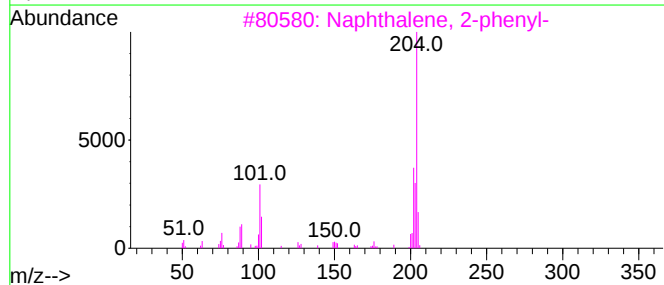
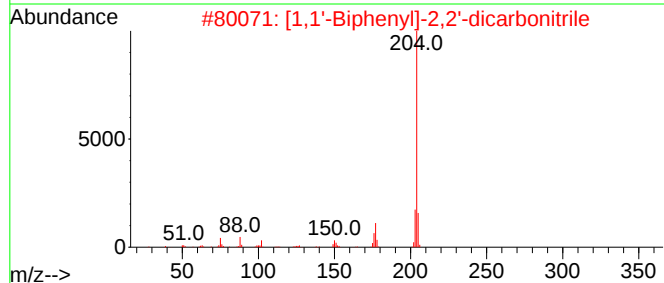
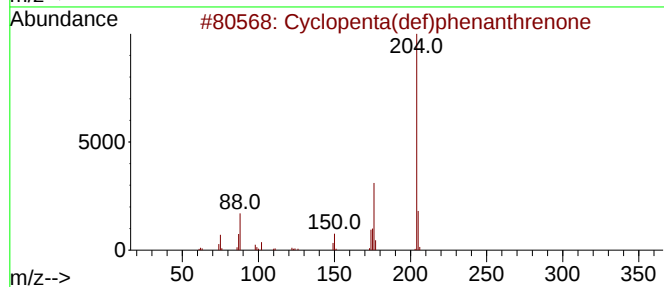
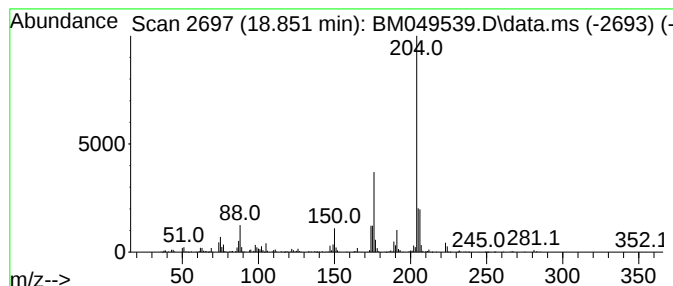
Instrument :
BNA_M
ClientSampleId :
A44Q6

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 7 Cyclopenta(def)phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.851	4.15 ng/ul	627439	Phenanthrene-d10	16.910	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	43
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	42
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	40



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM013025\
Data File : BM049539.D
Acq On : 30 Jan 2025 23:06
Operator : RC/JU
Sample : Q1189-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A44Q6

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
Benzophenone	15.527	3.7	ng/ul	456836	3	14.151	2477070	20.0
Anthracene, 2-m...	17.833	5.8	ng/ul	877085	4	16.910	3025570	20.0
4H-Cyclopenta[d...	17.974	3.5	ng/ul	528989	4	16.910	3025570	20.0
9,10-Anthracene...	18.333	2.4	ng/ul	363310	4	16.910	3025570	20.0
9,10-Dimethylan...	18.715	2.3	ng/ul	341190	4	16.910	3025570	20.0
Cyclopenta(def)...	18.851	4.2	ng/ul	627439	4	16.910	3025570	20.0