

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
 Data File : BM049423.D
 Acq On : 23 Jan 2025 17:28
 Operator : RC/JU
 Sample : Q1139-13DL 5X
 Misc :
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DCZJ0DL

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-BM011325.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM049423.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.522	87	91	99	rBV	83327	145626	3.19%	0.404%
2	3.816	139	141	146	rVB	15724	17096	0.37%	0.047%
3	6.710	628	633	649	rVB	104024	203672	4.47%	0.565%
4	6.869	654	660	667	rBV	96917	161895	3.55%	0.449%
5	7.057	687	692	706	rVB	123802	214349	4.70%	0.594%
6	7.516	763	770	782	rBV	830788	1308383	28.69%	3.628%
7	8.234	885	892	903	rBV2	110969	221298	4.85%	0.614%
8	8.663	958	965	978	rBV	94383	180386	3.96%	0.500%
9	9.375	1080	1086	1095	rBV	61932	118756	2.60%	0.329%
10	9.916	1170	1178	1188	rBV	87735	195215	4.28%	0.541%
11	10.275	1230	1239	1256	rBV	989498	1714130	37.59%	4.754%
12	10.434	1259	1266	1281	rVV	56931	169596	3.72%	0.470%
13	12.098	1541	1549	1557	rBV2	16094	38606	0.85%	0.107%
14	13.475	1778	1783	1789	rBV5	8089	20309	0.45%	0.056%
15	13.580	1795	1801	1806	rBV	207124	305998	6.71%	0.849%
16	13.704	1818	1822	1828	rVB4	9329	15758	0.35%	0.044%
17	13.845	1841	1846	1860	rVB	249564	408404	8.96%	1.133%
18	14.157	1893	1899	1906	rBV	1498209	2111078	46.29%	5.854%
19	14.216	1906	1909	1917	rVB3	20996	35617	0.78%	0.099%
20	14.410	1937	1942	1947	rVV8	9712	21210	0.47%	0.059%
21	14.563	1961	1968	1973	rVV2	21552	32225	0.71%	0.089%
22	14.698	1986	1991	1997	rVB4	8674	15334	0.34%	0.043%
23	14.786	2000	2006	2011	rBV8	6422	13110	0.29%	0.036%
24	15.157	2063	2069	2074	rBV	307717	450372	9.88%	1.249%
25	15.210	2074	2078	2084	rVV	63908	101911	2.23%	0.283%
26	15.292	2086	2092	2097	rVV3	24643	48581	1.07%	0.135%
27	15.339	2097	2100	2103	rVV5	9526	13125	0.29%	0.036%
28	15.374	2103	2106	2111	rVV4	12258	18074	0.40%	0.050%
29	15.463	2118	2121	2124	rVB4	10365	13461	0.30%	0.037%
30	15.533	2124	2133	2140	rBV2	128859	228810	5.02%	0.635%
31	15.657	2149	2154	2162	rVB	37124	73263	1.61%	0.203%
32	15.733	2162	2167	2168	rBV3	11673	16490	0.36%	0.046%
33	15.886	2185	2193	2199	rBV9	19021	49048	1.08%	0.136%
34	16.021	2208	2216	2221	rBV9	8417	23307	0.51%	0.065%
35	16.098	2222	2229	2232	rVV5	19888	31796	0.70%	0.088%
36	16.221	2240	2250	2255	rBV4	29978	85448	1.87%	0.237%

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Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
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37	16.268	2255	2258	2263	rVV2	18681	26874	0.59%	0.075%
38	16.368	2271	2275	2280	rVB2	21444	34495	0.76%	0.096%
39	16.421	2280	2284	2285	rBV3	16012	17910	0.39%	0.050%
40	16.451	2285	2289	2292	rVV	34478	49939	1.10%	0.138%
41	16.492	2292	2296	2299	rVV3	43403	60582	1.33%	0.168%
42	16.521	2299	2301	2306	rVB3	11003	13085	0.29%	0.036%
43	16.574	2306	2310	2317	rVB5	16854	34994	0.77%	0.097%
44	16.645	2317	2322	2328	rBV2	48289	108059	2.37%	0.300%
45	16.727	2332	2336	2340	rVB	33603	44431	0.97%	0.123%
46	16.910	2361	2367	2371	rBV	1687748	2364817	51.86%	6.558%
47	16.951	2371	2374	2378	rVV	187822	263508	5.78%	0.731%
48	17.004	2378	2383	2386	rVV2	355972	509601	11.18%	1.413%
49	17.039	2386	2389	2396	rVV	306933	438319	9.61%	1.216%
50	17.104	2396	2400	2407	rVB3	41233	68740	1.51%	0.191%
51	17.321	2431	2437	2440	rBV	51988	82514	1.81%	0.229%
52	17.357	2440	2443	2452	rVV3	28293	69849	1.53%	0.194%
53	17.433	2452	2456	2462	rVV	73024	104462	2.29%	0.290%
54	17.492	2462	2466	2475	rVV4	23074	48324	1.06%	0.134%
55	17.568	2477	2479	2482	rVV3	9130	13669	0.30%	0.038%
56	17.627	2486	2489	2494	rVB2	16803	25911	0.57%	0.072%
57	17.786	2507	2516	2520	rBV	187098	295635	6.48%	0.820%
58	17.833	2520	2524	2531	rVB2	98669	150550	3.30%	0.418%
59	17.915	2531	2538	2543	rBV2	104388	176124	3.86%	0.488%
60	17.980	2543	2549	2553	rVV	450297	709328	15.55%	1.967%
61	18.015	2553	2555	2564	rVB	106063	132417	2.90%	0.367%
62	18.262	2593	2597	2599	rBV5	21252	30140	0.66%	0.084%
63	18.292	2599	2602	2608	rVB	163878	217984	4.78%	0.605%
64	18.421	2620	2624	2628	rBV2	25772	33124	0.73%	0.092%
65	18.545	2641	2645	2649	rVB	36273	49676	1.09%	0.138%
66	18.592	2649	2653	2656	rBV	36673	47111	1.03%	0.131%
67	18.633	2656	2660	2663	rVB2	22267	28434	0.62%	0.079%
68	18.709	2669	2673	2678	rBV2	62980	103367	2.27%	0.287%
69	18.780	2680	2685	2688	rBV3	53011	78128	1.71%	0.217%
70	18.851	2693	2697	2699	rBV3	30640	39455	0.87%	0.109%
71	18.974	2713	2718	2725	rBV	3528947	4560165	100.00%	12.646%
72	19.051	2727	2731	2733	rVV2	31324	39543	0.87%	0.110%
73	19.080	2733	2736	2740	rVV3	29155	36173	0.79%	0.100%
74	19.121	2740	2743	2747	rVB3	31394	37530	0.82%	0.104%
75	19.174	2748	2752	2754	rBV4	14600	20345	0.45%	0.056%
76	19.221	2754	2760	2765	rBV	78046	130021	2.85%	0.361%

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77	19.315	2770	2776	2777	rBV	1000943	1348977	29.58%	3.741%
78	19.339	2777	2780	2785	rVB	2340275	2937606	64.42%	8.147%
79	19.415	2790	2793	2801	rVB2	103003	163105	3.58%	0.452%
80	19.527	2807	2812	2818	rBV	143765	207117	4.54%	0.574%
81	19.586	2820	2822	2827	rVB2	30663	41905	0.92%	0.116%
82	19.674	2830	2837	2843	rBV3	113849	297900	6.53%	0.826%
83	19.815	2855	2861	2862	rBV3	80806	142363	3.12%	0.395%
84	19.845	2862	2866	2871	rVB	391061	532118	11.67%	1.476%
85	19.945	2878	2883	2887	rBV	435383	553026	12.13%	1.534%
86	19.998	2887	2892	2896	rVV2	166149	268689	5.89%	0.745%
87	20.039	2896	2899	2904	rVV	70320	97019	2.13%	0.269%
88	20.086	2904	2907	2911	rVB2	37184	46189	1.01%	0.128%
89	20.139	2913	2916	2920	rVB	62193	70244	1.54%	0.195%
90	20.186	2920	2924	2930	rBV2	75807	134088	2.94%	0.372%
91	20.556	2984	2987	2992	rBV4	39833	73083	1.60%	0.203%
92	20.762	3018	3022	3025	rBV	100029	126905	2.78%	0.352%
93	20.803	3025	3029	3032	rVV	123602	158363	3.47%	0.439%
94	20.839	3032	3035	3041	rVB2	70019	122050	2.68%	0.338%
95	21.133	3078	3085	3090	rBV2	2113341	3841971	84.25%	10.655%
96	21.174	3090	3092	3102	rVB	634216	859223	18.84%	2.383%
97	21.309	3112	3115	3125	rVB	124669	195561	4.29%	0.542%
98	23.045	3405	3410	3416	rBV	190835	470394	10.32%	1.305%
99	23.721	3520	3525	3531	rBV	174188	363530	7.97%	1.008%
100	23.915	3550	3558	3577	rVB	1187485	2890712	63.39%	8.017%

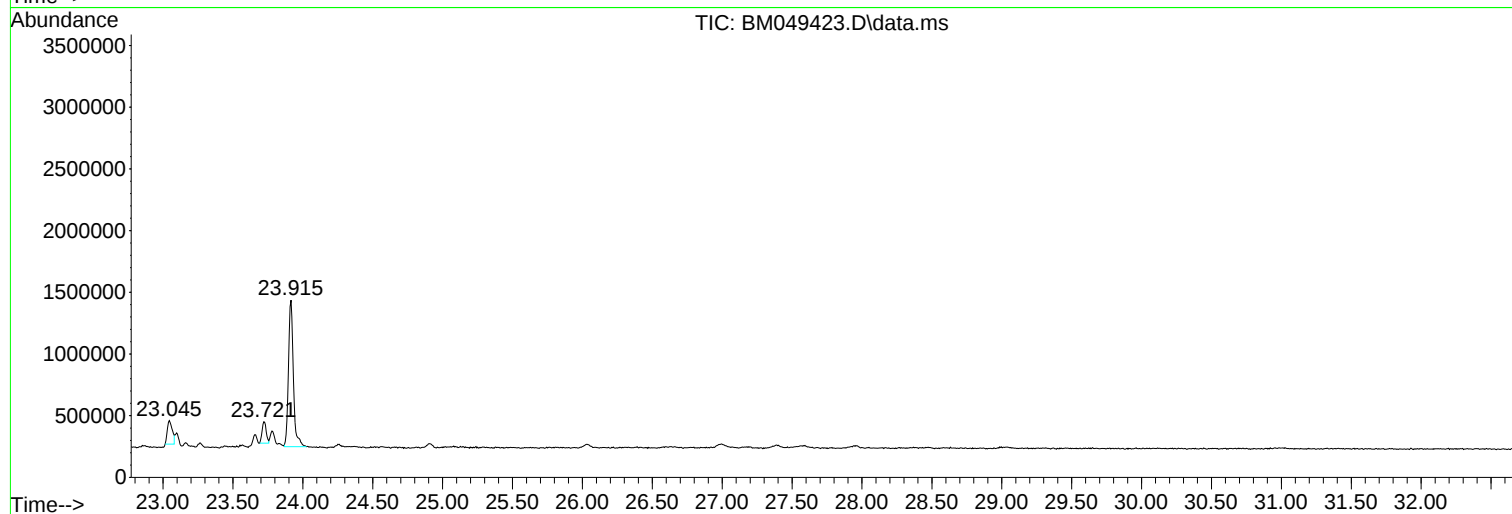
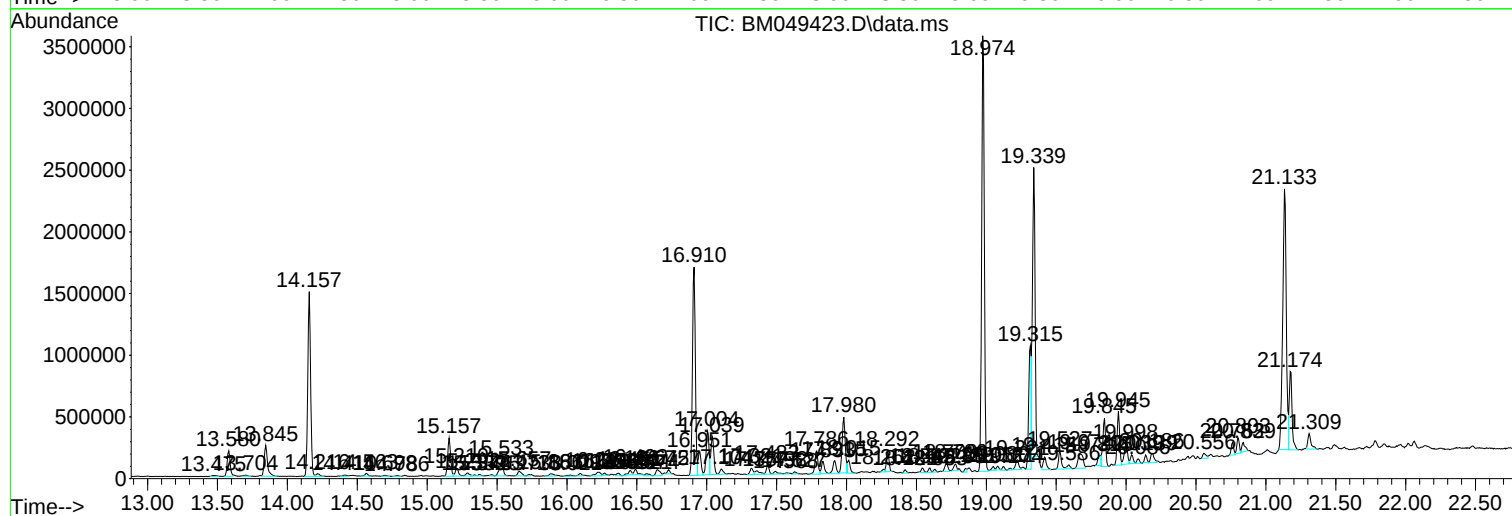
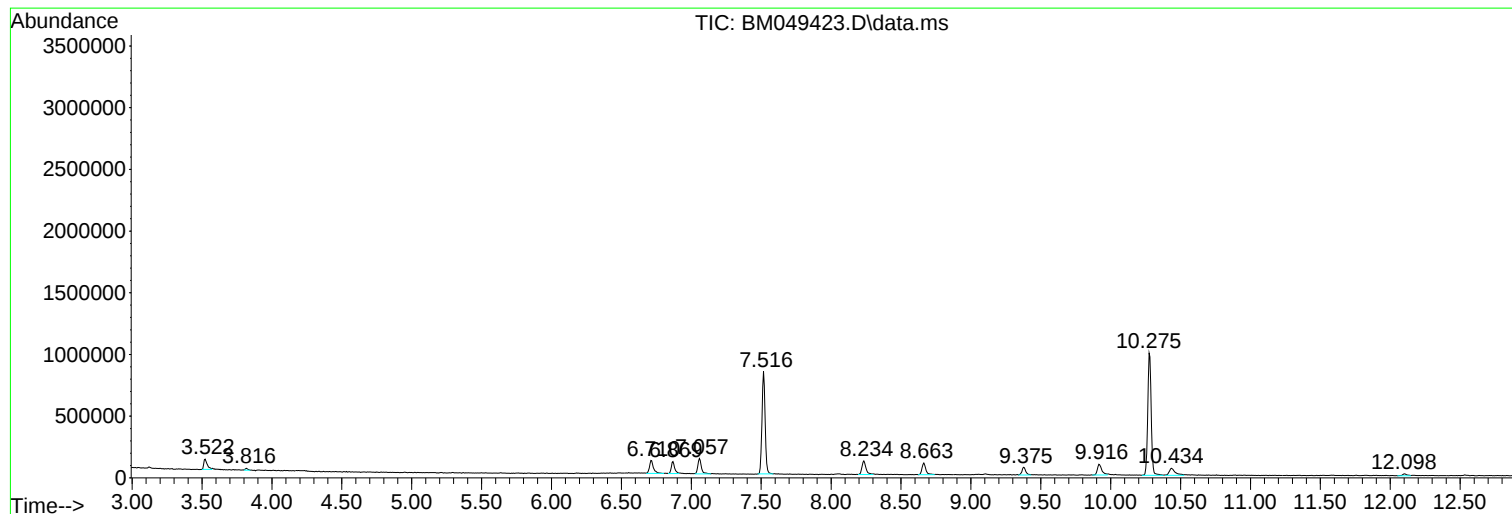
Sum of corrected areas: 36059208

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BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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



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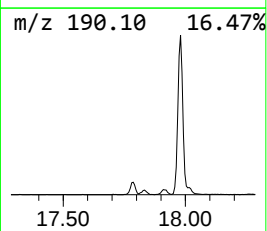
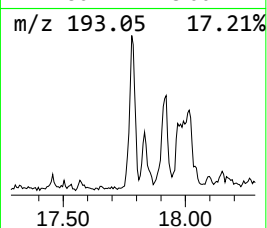
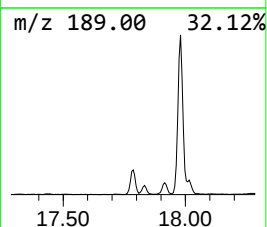
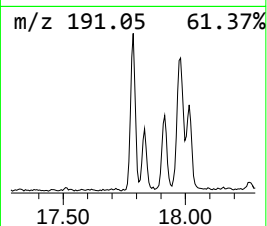
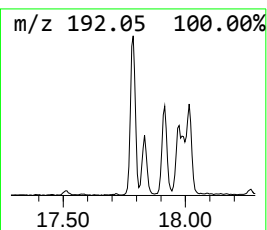
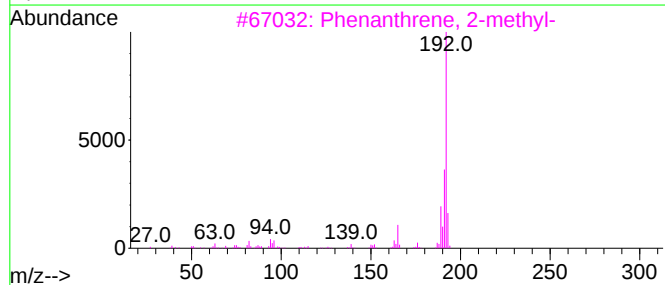
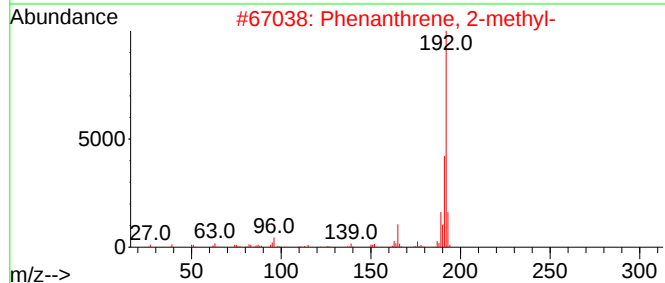
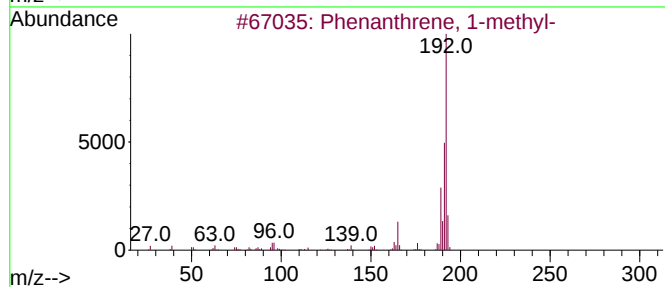
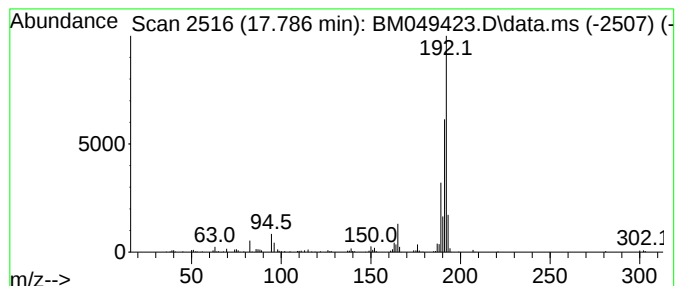
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.786	2.50 ng/ul	295635	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4			Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
5			1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94



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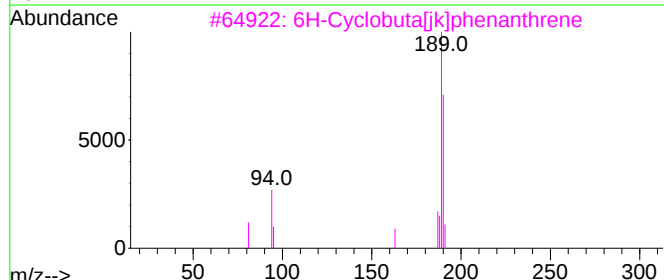
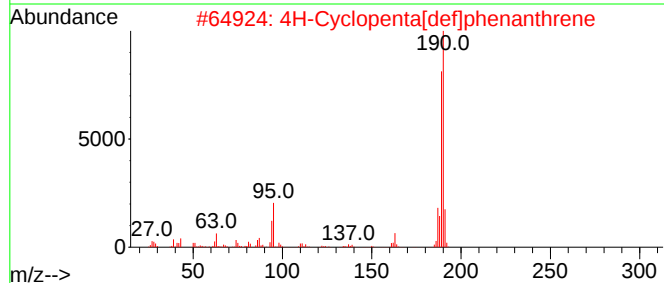
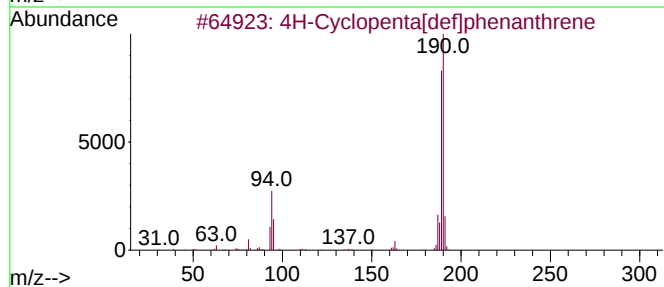
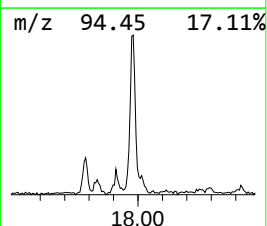
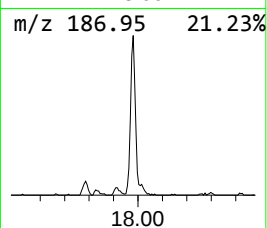
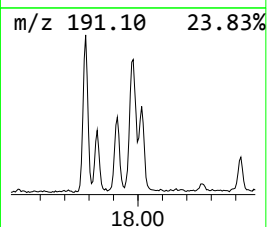
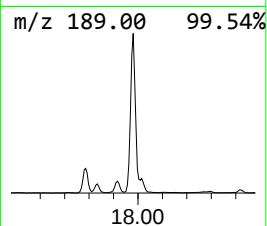
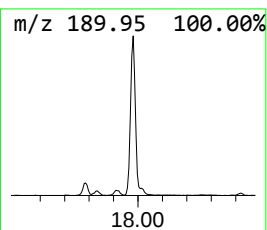
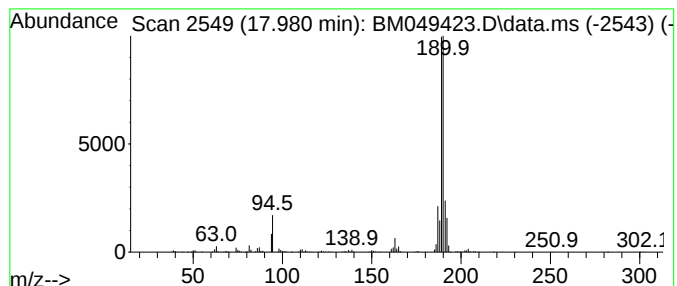
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	6.00 ng/ul	709328	Phenanthrene-d10	16.910

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
5			Methyl diselenide	190	C2H6Se2	007101-31-7	55



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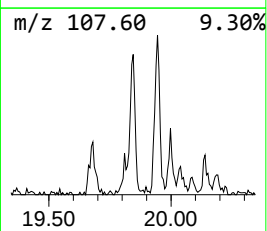
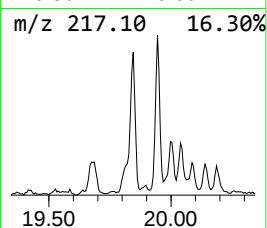
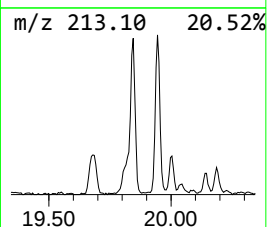
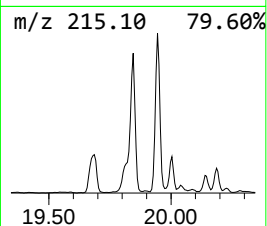
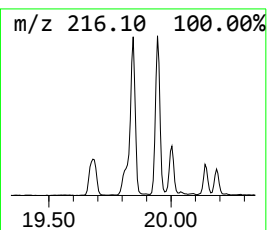
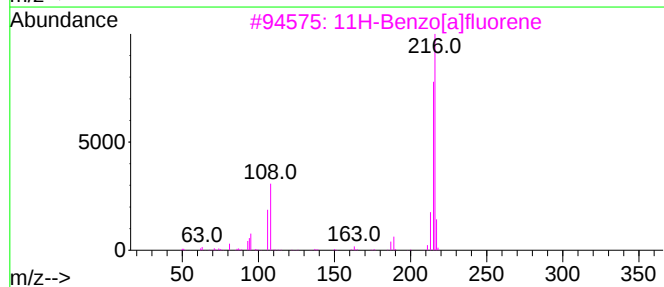
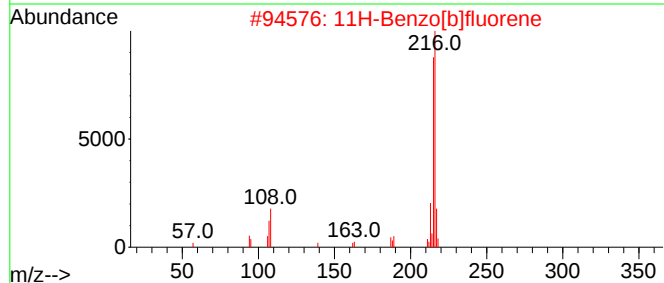
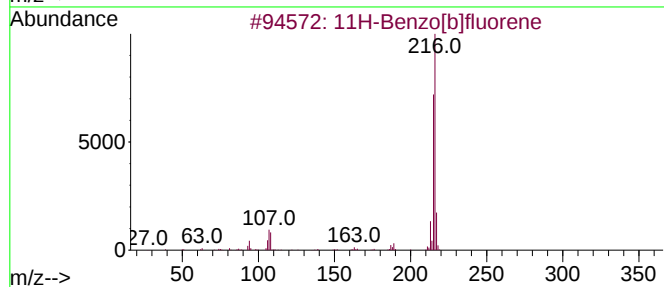
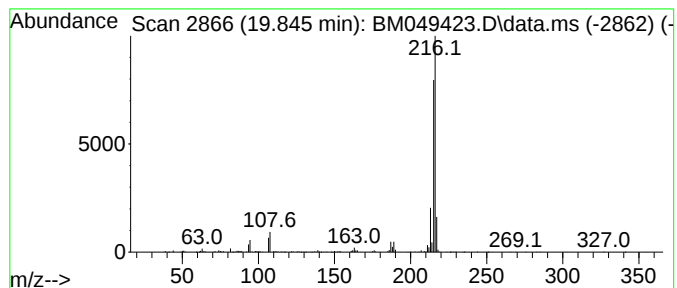
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 11H-Benzo[b]fluorene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.845	2.77 ng/ul	532118	Chrysene-d12	21.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	87



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049423.D
Acq On : 23 Jan 2025 17:28
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

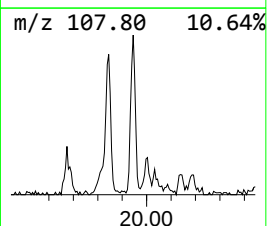
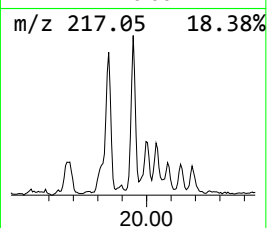
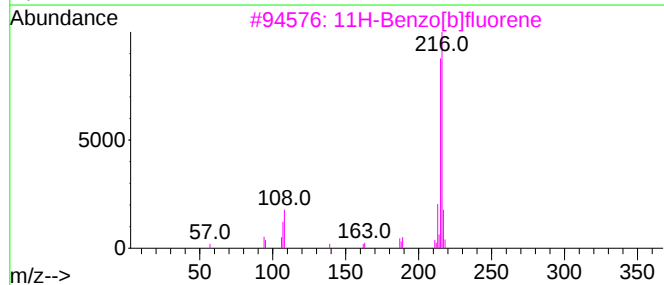
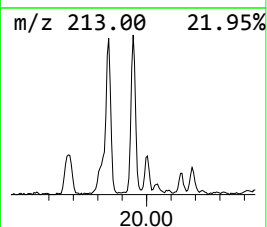
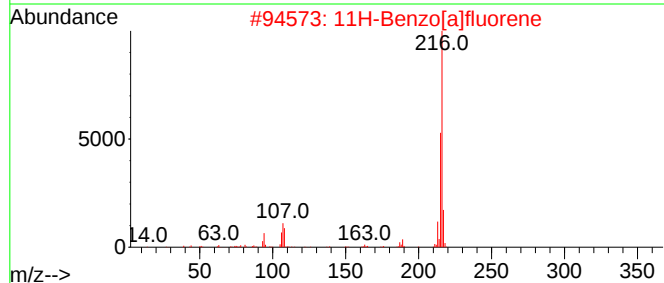
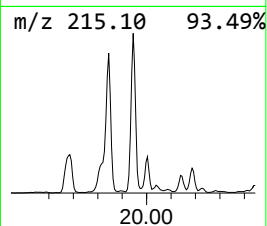
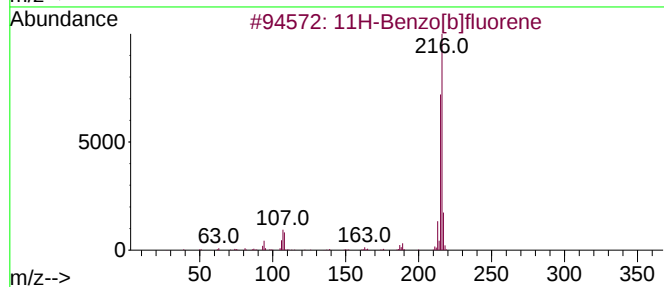
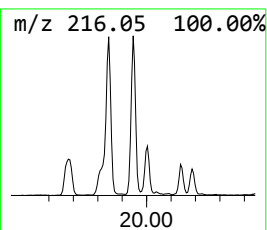
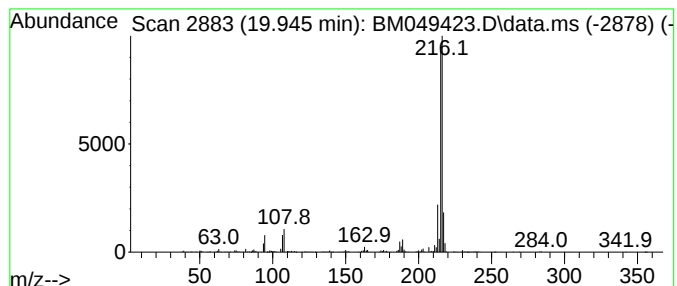
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 11H-Benzo[a]fluorene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.945	2.88 ng/ul	553026	Chrysene-d12	21.139

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	96
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5			Pyrene, 1-methyl-	216	C17H12	002381-21-7	90



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012225\
Data File : BM049423.D
Acq On : 23 Jan 2025 17:28
Operator : RC/JU
Sample : Q1139-13DL 5X
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DCZJ0DL

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM011325.MA.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 1...	17.786	2.5	ng/u1	295635	4	16.910	2364820	20.0
4H-Cyclopenta[d]...	17.980	6.0	ng/u1	709328	4	16.910	2364820	20.0
11H-Benzo[b]flu...	19.845	2.8	ng/u1	532118	5	21.139	3841970	20.0
11H-Benzo[a]flu...	19.945	2.9	ng/u1	553026	5	21.139	3841970	20.0