

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
 Data File : BM047033.D
 Acq On : 06 Aug 2024 21:57
 Operator : RC/JU
 Sample : P3328-14
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 E20L7

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-BM080224.MA.M
 Title : SVOA CALIBRATION

Signal : TIC: BM047033.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.022	20	23	30	rVB	34236	45086	0.86%	0.074%
2	3.281	65	67	75	rBV	62236	87880	1.67%	0.143%
3	3.422	87	91	96	rBV3	21219	33793	0.64%	0.055%
4	3.510	102	106	113	rVB	60086	78759	1.50%	0.129%
5	3.710	137	140	146	rVB	20123	25999	0.49%	0.042%
6	4.069	197	201	206	rVB6	8956	14483	0.28%	0.024%
7	4.469	266	269	275	rBV6	9636	14143	0.27%	0.023%
8	4.587	284	289	295	rVB	36526	47837	0.91%	0.078%
9	5.540	448	451	460	rBV4	12220	22401	0.43%	0.037%
10	5.698	473	478	483	rVB8	10450	17322	0.33%	0.028%
11	6.463	603	608	614	rVV8	6377	13397	0.25%	0.022%
12	6.604	626	632	643	rVB	577224	904557	17.18%	1.476%
13	6.757	651	658	670	rVB	476948	723636	13.75%	1.181%
14	6.939	682	689	698	rBV	597128	922197	17.52%	1.505%
15	7.039	701	706	714	rVV4	22102	40711	0.77%	0.066%
16	7.398	760	767	777	rBV	1241733	1911415	36.31%	3.119%
17	7.487	778	782	790	rVB5	10094	22962	0.44%	0.037%
18	8.122	882	890	901	rBV	633820	1009030	19.17%	1.646%
19	8.216	901	906	917	rVB	52940	95676	1.82%	0.156%
20	8.545	955	962	972	rBV	529131	865785	16.45%	1.413%
21	8.986	1033	1037	1043	rVB5	9027	15290	0.29%	0.025%
22	9.128	1056	1061	1067	rVB	50870	73133	1.39%	0.119%
23	9.257	1076	1083	1090	rBV	423409	687520	13.06%	1.122%
24	9.451	1110	1116	1122	rBV7	11269	20216	0.38%	0.033%
25	9.528	1125	1129	1136	rVB7	7159	14551	0.28%	0.024%
26	9.792	1168	1174	1184	rBV	681498	1139773	21.65%	1.860%
27	10.157	1228	1236	1243	rBV	1607325	2595831	49.31%	4.235%
28	10.304	1253	1261	1279	rBV	460922	844994	16.05%	1.379%
29	10.727	1328	1333	1338	rVB7	18077	32610	0.62%	0.053%
30	10.916	1359	1365	1375	rBV2	122355	225462	4.28%	0.368%
31	10.992	1375	1378	1383	rVB7	10223	18721	0.36%	0.031%
32	11.751	1503	1507	1512	rVV2	13926	23659	0.45%	0.039%
33	11.833	1516	1521	1529	rVB3	12363	22614	0.43%	0.037%
34	12.057	1553	1559	1567	rVB3	17803	32286	0.61%	0.053%
35	12.892	1695	1701	1706	rVB6	13304	24621	0.47%	0.040%
36	13.374	1776	1783	1788	rBV3	17249	33939	0.64%	0.055%

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37	13.421	1788	1791	1795	rVV5	10252	14322	0.27%	0.023%
38	13.480	1795	1801	1811	rVV	1108958	1510513	28.70%	2.465%
39	13.610	1819	1823	1827	rBV6	10984	15960	0.30%	0.026%
40	13.745	1838	1846	1858	rBV	1261662	1976209	37.54%	3.224%
41	13.992	1884	1888	1892	rVB4	13221	16558	0.31%	0.027%
42	14.057	1892	1899	1905	rBV	2219401	3255362	61.84%	5.311%
43	14.121	1905	1910	1915	rVV	122633	181938	3.46%	0.297%
44	14.298	1931	1940	1949	rBV	467359	794591	15.10%	1.296%
45	14.463	1960	1968	1972	rBV	70473	128501	2.44%	0.210%
46	14.510	1972	1976	1980	rVB6	8818	14830	0.28%	0.024%
47	14.692	2002	2007	2010	rBV6	9828	16958	0.32%	0.028%
48	14.739	2011	2015	2021	rVB7	13055	19417	0.37%	0.032%
49	14.892	2038	2041	2048	rVV8	10411	17800	0.34%	0.029%
50	14.951	2048	2051	2056	rVB2	16857	22052	0.42%	0.036%
51	15.057	2063	2069	2075	rBV	1640693	2326219	44.19%	3.795%
52	15.115	2075	2079	2084	rVV	215008	294451	5.59%	0.480%
53	15.198	2088	2093	2098	rBV	186251	265177	5.04%	0.433%
54	15.239	2098	2100	2103	rVV4	16591	19743	0.38%	0.032%
55	15.274	2103	2106	2113	rVB7	22885	41436	0.79%	0.068%
56	15.362	2118	2121	2125	rVB4	18352	24282	0.46%	0.040%
57	15.415	2125	2130	2136	rBV	49224	74760	1.42%	0.122%
58	15.562	2151	2155	2162	rVB	50881	96163	1.83%	0.157%
59	15.645	2164	2169	2175	rBV10	19278	31741	0.60%	0.052%
60	15.792	2190	2194	2196	rBV4	19399	28348	0.54%	0.046%
61	15.815	2196	2198	2201	rVB	13609	17050	0.32%	0.028%
62	16.127	2244	2251	2256	rBV2	35574	73507	1.40%	0.120%
63	16.174	2256	2259	2264	rVB2	23656	28746	0.55%	0.047%
64	16.274	2271	2276	2282	rVB5	24675	44892	0.85%	0.073%
65	16.357	2287	2290	2293	rVV3	21619	28513	0.54%	0.047%
66	16.398	2294	2297	2300	rVB3	25347	31068	0.59%	0.051%
67	16.474	2306	2310	2317	rVB3	28939	49996	0.95%	0.082%
68	16.562	2319	2325	2329	rBV3	30742	63604	1.21%	0.104%
69	16.633	2330	2337	2342	rBV	119751	191775	3.64%	0.313%
70	16.815	2362	2368	2372	rVV	2557599	3611875	68.62%	5.893%
71	16.856	2372	2375	2380	rVV	2398137	3056531	58.07%	4.987%
72	16.915	2380	2385	2388	rVV2	1655891	2386835	45.34%	3.894%
73	16.945	2388	2390	2398	rVV	622596	812290	15.43%	1.325%
74	17.015	2398	2402	2409	rVV3	39221	75455	1.43%	0.123%
75	17.086	2412	2414	2419	rVV5	16806	25404	0.48%	0.041%
76	17.198	2430	2433	2434	rBV	27229	28571	0.54%	0.047%

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77	17.227	2434	2438	2442	rVB	144458	184841	3.51%	0.302%
78	17.351	2454	2459	2463	rBV3	60521	89688	1.70%	0.146%
79	17.398	2464	2467	2476	rVB3	41287	68771	1.31%	0.112%
80	17.533	2487	2490	2496	rVB3	30425	48990	0.93%	0.080%
81	17.692	2513	2517	2521	rBV	185069	250073	4.75%	0.408%
82	17.745	2521	2526	2534	rVV2	437960	677427	12.87%	1.105%
83	17.821	2535	2539	2543	rVV	104218	146565	2.78%	0.239%
84	17.886	2545	2550	2554	rVV2	486623	764628	14.53%	1.248%
85	17.921	2554	2556	2561	rVB	112993	141071	2.68%	0.230%
86	18.051	2574	2578	2582	rBV3	67058	89623	1.70%	0.146%
87	18.203	2600	2604	2607	rBV	197546	244868	4.65%	0.400%
88	18.245	2607	2611	2616	rVB2	146600	212036	4.03%	0.346%
89	18.627	2673	2676	2682	rBV5	83321	136418	2.59%	0.223%
90	18.892	2715	2721	2727	rBV	3975222	5263921	100.00%	8.588%
91	19.050	2745	2748	2751	rBV4	120947	139102	2.64%	0.227%
92	19.227	2773	2778	2780	rBV	1938234	2621005	49.79%	4.276%
93	19.256	2780	2783	2787	rVB	2076780	2561940	48.67%	4.180%
94	19.445	2811	2815	2819	rBV	185626	247696	4.71%	0.404%
95	19.762	2865	2869	2873	rVB	532769	685664	13.03%	1.119%
96	19.862	2883	2886	2890	rVB2	502159	586508	11.14%	0.957%
97	21.044	3081	3087	3091	rBV2	2722352	5243128	99.60%	8.555%
98	21.086	3091	3094	3099	rVB	1238366	1642221	31.20%	2.679%
99	22.915	3400	3405	3411	rBV	847132	2073479	39.39%	3.383%
100	23.762	3543	3549	3556	rVB	1297334	2755418	52.35%	4.496%

Sum of corrected areas: 61290813

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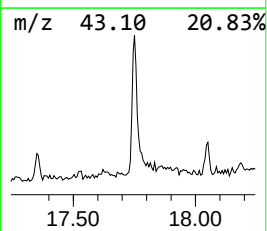
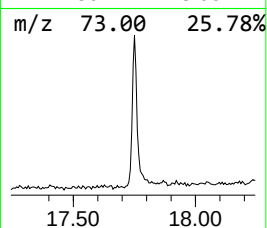
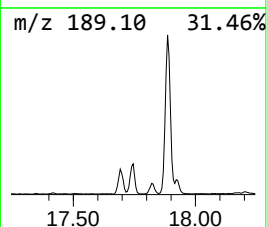
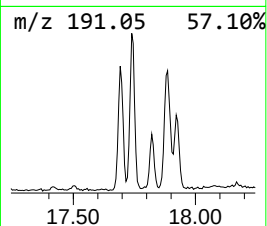
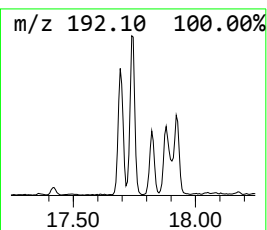
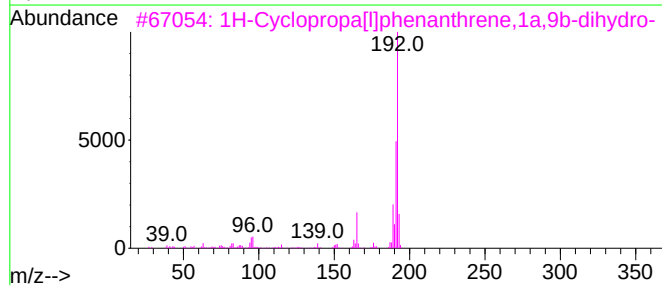
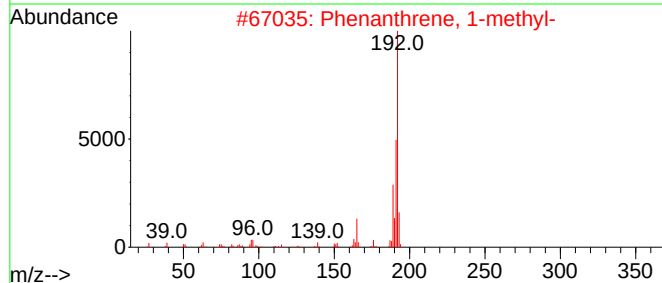
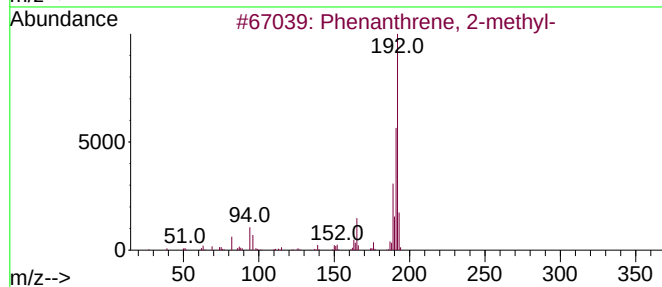
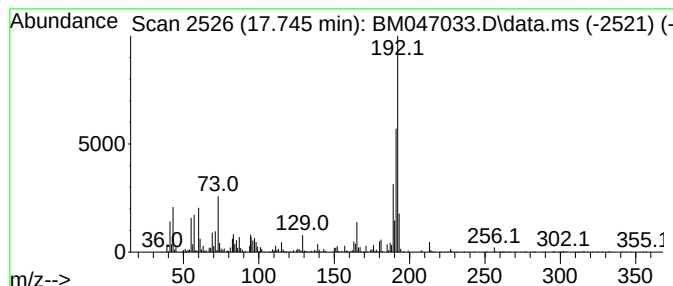
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.745	3.75 ng/ul	677427	Phenanthrene-d10	16.815

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2			Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3			1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4			Anthracene, 9-methyl-	192	C15H12	000779-02-2	96
5			Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96



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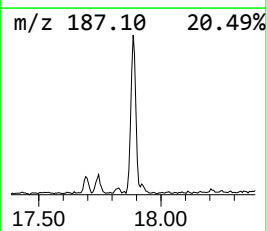
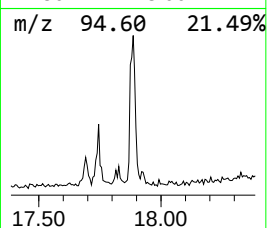
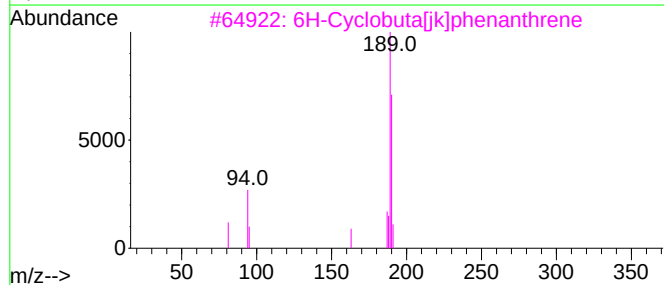
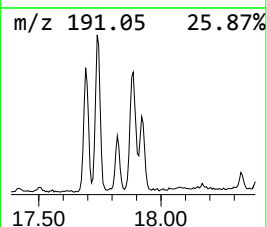
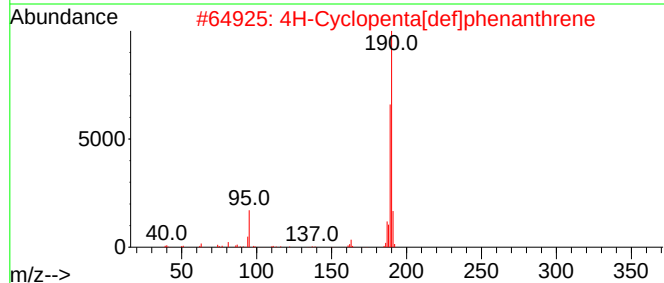
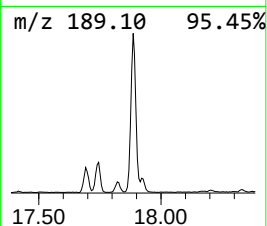
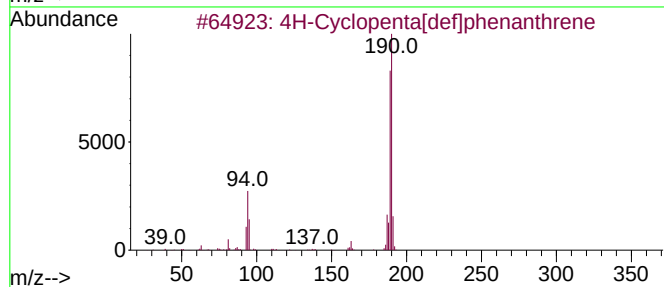
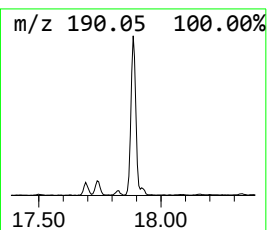
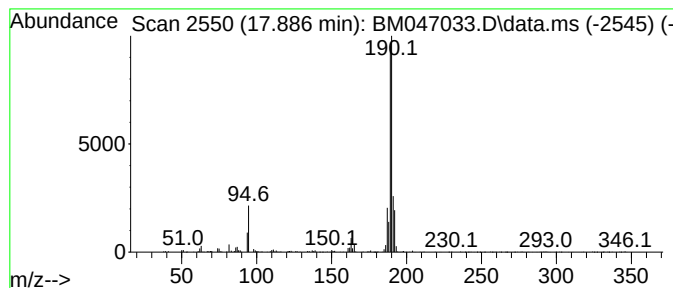
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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.
17.886	4.23 ng/ul	764628	Phenanthrene-d10	16.815

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	68
3			6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	56
4			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5			2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50



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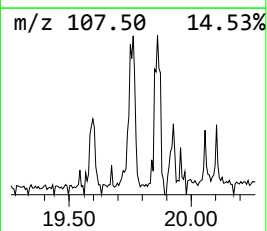
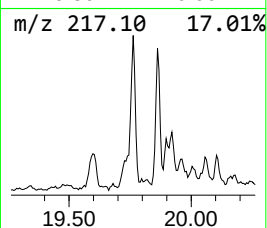
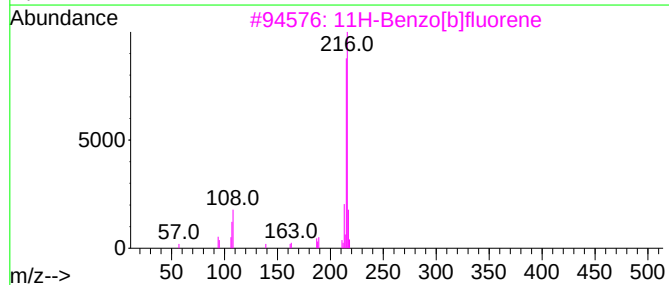
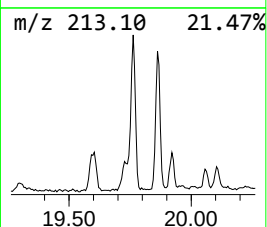
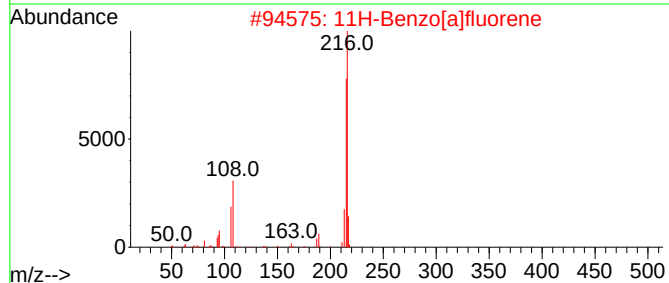
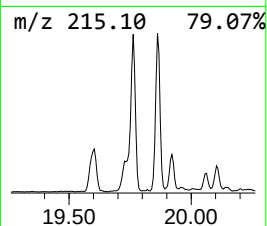
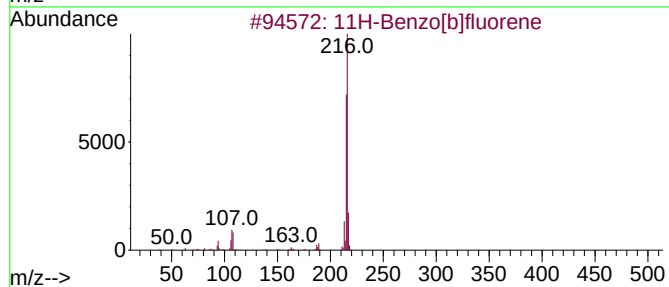
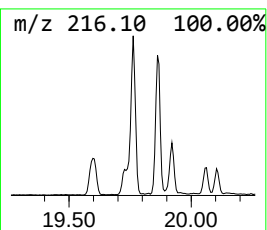
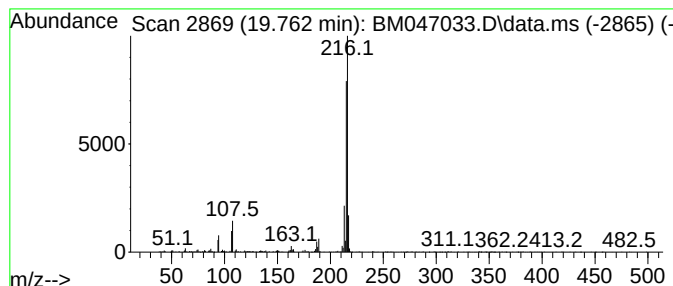
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.MA.M
Quant Title : SVOA CALIBRATION

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.
19.762	2.62 ng/ul	685664	Chrysene-d12	21.050

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3			11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4			7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81



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E20L7

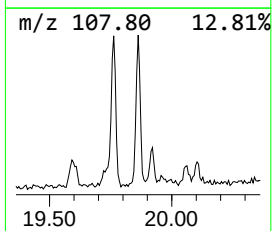
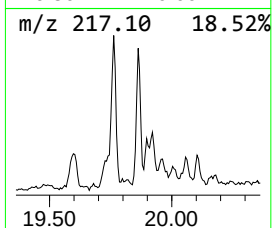
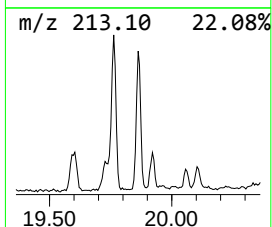
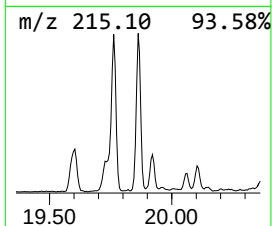
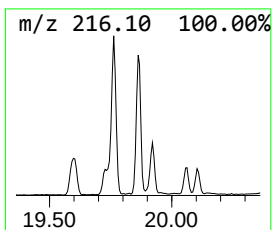
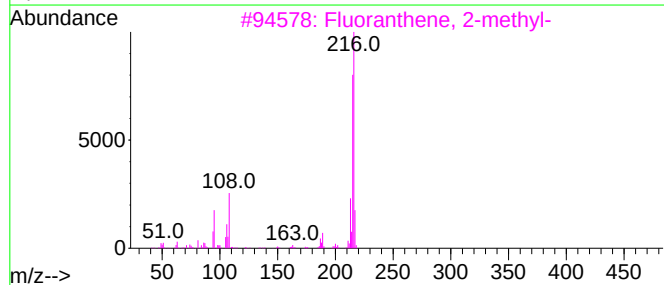
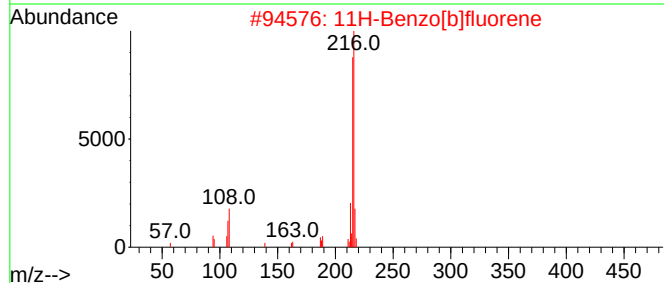
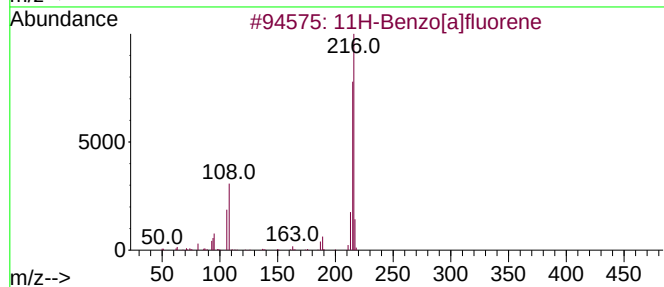
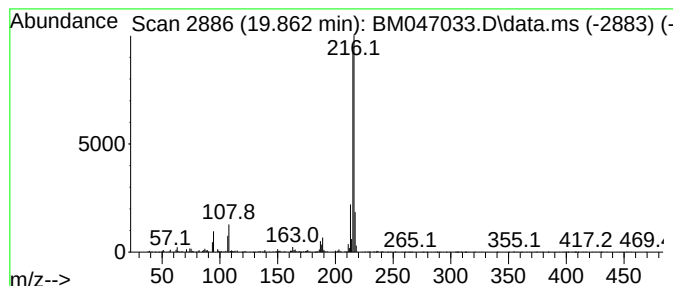
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Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.862	2.24 ng/ul	586508	Chrysene-d12	21.050

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080624\
Data File : BM047033.D
Acq On : 06 Aug 2024 21:57
Operator : RC/JU
Sample : P3328-14
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
E20L7

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM080224.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, 2...	17.745	3.8	ng/u1	677427	4	16.815	3611880	20.0
4H-Cyclopenta[d...	17.886	4.2	ng/u1	764628	4	16.815	3611880	20.0
11H-Benzo[b]flu...	19.762	2.6	ng/u1	685664	5	21.050	5243130	20.0
11H-Benzo[a]flu...	19.862	2.2	ng/u1	586508	5	21.050	5243130	20.0