

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM063021\
 Data File : BM030731.D
 Acq On : 01 Jul 2021 07:40
 Operator : CG/JU
 Sample : M2808-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGD7

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-BM062221.M
 Title : SVOA CALIBRATION

Signal : TIC: BM030731.D

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.269	28	31	36	rVB2	5642	8060	0.39%	0.046%
2	3.746	109	112	114	rBV3	6624	8133	0.39%	0.047%
3	3.781	115	118	125	rVB3	9761	15656	0.76%	0.090%
4	3.993	149	154	161	rVB	55649	74932	3.63%	0.431%
5	4.546	245	248	252	rVB	6617	8451	0.41%	0.049%
6	5.304	373	377	382	rVB2	3720	5316	0.26%	0.031%
7	5.434	394	399	408	rVB	11895	24994	1.21%	0.144%
8	5.798	456	461	467	rVB5	7429	11039	0.54%	0.063%
9	6.945	648	656	667	rBV	86316	158181	7.67%	0.909%
10	7.110	678	684	696	rVB	71125	118532	5.75%	0.681%
11	7.310	711	718	726	rBV	99578	164930	7.99%	0.948%
12	7.775	790	797	806	rBV	368923	585751	28.39%	3.367%
13	8.010	831	837	843	rBV7	2604	6043	0.29%	0.035%
14	8.481	907	917	926	rBV	96887	172195	8.35%	0.990%
15	8.604	934	938	945	rBV3	5285	9141	0.44%	0.053%
16	8.934	988	994	1001	rBV	81274	135506	6.57%	0.779%
17	9.651	1108	1116	1126	rBV2	59750	103746	5.03%	0.596%
18	10.192	1201	1208	1219	rBV	77777	157545	7.64%	0.905%
19	10.381	1233	1240	1254	rBV3	15600	46336	2.25%	0.266%
20	10.563	1263	1271	1278	rBV	439193	776987	37.66%	4.466%
21	10.704	1287	1295	1309	rBV	67429	140283	6.80%	0.806%
22	13.022	1684	1689	1692	rBV4	2849	4717	0.23%	0.027%
23	13.816	1818	1824	1834	rBV	151755	227916	11.05%	1.310%
24	14.098	1863	1872	1888	rBV	180863	304200	14.75%	1.748%
25	14.304	1903	1907	1912	rVB4	2455	4017	0.19%	0.023%
26	14.404	1917	1924	1933	rBV	636190	936341	45.39%	5.382%
27	14.480	1933	1937	1943	rVB5	4305	7742	0.38%	0.044%
28	14.627	1955	1962	1976	rBV3	14630	41777	2.03%	0.240%
29	15.016	2024	2028	2034	rVB6	2474	4311	0.21%	0.025%
30	15.192	2054	2058	2061	rBV3	3061	4504	0.22%	0.026%
31	15.263	2067	2070	2077	rVB4	3336	6235	0.30%	0.036%
32	15.398	2087	2093	2099	rBV	238560	364229	17.66%	2.093%
33	15.451	2099	2102	2107	rVV4	6508	11473	0.56%	0.066%
34	15.527	2111	2115	2127	rBV2	21906	39126	1.90%	0.225%
35	15.751	2148	2153	2157	rBV2	4516	6674	0.32%	0.038%
36	15.815	2160	2164	2168	rBV2	10995	13754	0.67%	0.079%

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37	15.892	2175	2177	2186	rVB3	5289	9863	0.48%	0.057%
38	16.121	2212	2216	2223	rBV7	3926	7877	0.38%	0.045%
39	16.457	2265	2273	2278	rBV4	9007	15834	0.77%	0.091%
40	16.498	2278	2280	2285	rVB5	3082	4677	0.23%	0.027%
41	16.598	2294	2297	2301	rBV5	4041	5349	0.26%	0.031%
42	16.680	2304	2311	2315	rBV3	11081	18077	0.88%	0.104%
43	16.721	2315	2318	2322	rVV3	6508	7304	0.35%	0.042%
44	16.810	2329	2333	2339	rBV6	4152	7858	0.38%	0.045%
45	16.874	2339	2344	2347	rBV3	9415	16734	0.81%	0.096%
46	16.962	2356	2359	2362	rVB4	3262	3959	0.19%	0.023%
47	17.145	2384	2390	2394	rBV	682729	1022343	49.56%	5.876%
48	17.186	2394	2397	2401	rVV	110751	153342	7.43%	0.881%
49	17.239	2401	2406	2410	rVV	256764	391668	18.99%	2.251%
50	17.274	2410	2412	2418	rVV	71861	91919	4.46%	0.528%
51	17.333	2418	2422	2428	rVB5	8658	15755	0.76%	0.091%
52	17.427	2435	2438	2440	rBV3	3590	4376	0.21%	0.025%
53	17.580	2461	2464	2468	rVB3	5980	7575	0.37%	0.044%
54	17.662	2475	2478	2482	rVB	10233	14338	0.70%	0.082%
55	17.721	2485	2488	2489	rBV2	3997	4405	0.21%	0.025%
56	17.809	2500	2503	2508	rBV4	9047	10469	0.51%	0.060%
57	18.015	2530	2538	2542	rVV	40688	77445	3.75%	0.445%
58	18.062	2542	2546	2551	rVV	62509	98075	4.75%	0.564%
59	18.109	2551	2554	2556	rVV	5608	8629	0.42%	0.050%
60	18.145	2556	2560	2566	rVV	37274	58098	2.82%	0.334%
61	18.209	2566	2571	2575	rVV2	81654	152955	7.41%	0.879%
62	18.245	2575	2577	2587	rVB	36305	53596	2.60%	0.308%
63	18.327	2588	2591	2596	rVB5	6980	9778	0.47%	0.056%
64	18.380	2596	2600	2602	rBV5	3308	4241	0.21%	0.024%
65	18.415	2602	2606	2610	rBV7	3735	7134	0.35%	0.041%
66	18.521	2619	2624	2628	rBV	37859	54971	2.66%	0.316%
67	18.762	2662	2665	2669	rBV3	11746	16365	0.79%	0.094%
68	18.815	2670	2674	2677	rVB	14864	15623	0.76%	0.090%
69	18.851	2677	2680	2685	rVB2	17360	23424	1.14%	0.135%
70	18.933	2685	2694	2698	rBV2	48534	97855	4.74%	0.562%
71	19.074	2713	2718	2727	rBV5	22586	58728	2.85%	0.338%
72	19.198	2733	2739	2745	rBV	785500	1039665	50.40%	5.976%
73	19.256	2745	2749	2753	rBV2	15301	22602	1.10%	0.130%
74	19.298	2753	2756	2760	rBV5	18827	30614	1.48%	0.176%
75	19.345	2760	2764	2769	rVV	67483	84967	4.12%	0.488%
76	19.527	2789	2795	2797	rBV2	466456	644270	31.23%	3.703%

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77	19.556	2797	2800	2809	rVV	663462	925377	44.86%	5.319%
78	19.633	2809	2813	2819	rVB2	39035	65386	3.17%	0.376%
79	19.739	2826	2831	2837	rVB	49431	74399	3.61%	0.428%
80	19.798	2838	2841	2846	rVB5	15727	24882	1.21%	0.143%
81	19.880	2850	2855	2863	rBV4	60502	160486	7.78%	0.922%
82	19.974	2867	2871	2873	rBV5	11933	18904	0.92%	0.109%
83	20.015	2874	2878	2879	rVV2	49582	62008	3.01%	0.356%
84	20.050	2880	2884	2891	rVB	161338	258871	12.55%	1.488%
85	20.150	2897	2901	2905	rBV	133760	165779	8.04%	0.953%
86	20.209	2905	2911	2915	rVB2	86904	141270	6.85%	0.812%
87	20.292	2922	2925	2930	rBV4	15907	31081	1.51%	0.179%
88	20.350	2931	2935	2938	rVV	46571	60895	2.95%	0.350%
89	20.392	2939	2942	2947	rVV2	43497	63434	3.07%	0.365%
90	20.521	2961	2964	2968	rVB	45867	49861	2.42%	0.287%
91	20.962	3036	3039	3042	rBV	37244	47884	2.32%	0.275%
92	20.997	3042	3045	3048	rBV	69373	88721	4.30%	0.510%
93	21.309	3091	3098	3102	rBV2	1176546	2062917	100.00%	11.857%
94	21.345	3102	3104	3114	rVB	427139	561058	27.20%	3.225%
95	21.468	3121	3125	3130	rBV2	75442	121491	5.89%	0.698%
96	22.886	3360	3366	3371	rBV	322869	770915	37.37%	4.431%
97	23.368	3444	3448	3452	rBV	120594	212845	10.32%	1.223%
98	23.421	3452	3457	3460	rVV	254158	486361	23.58%	2.795%
99	23.462	3461	3464	3472	rVB	312374	520047	25.21%	2.989%
100	23.562	3475	3481	3487	rBV2	727300	1342293	65.07%	7.715%

Sum of corrected areas: 17398695

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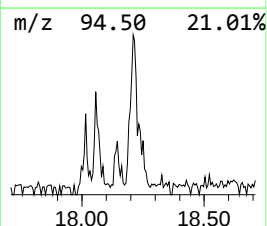
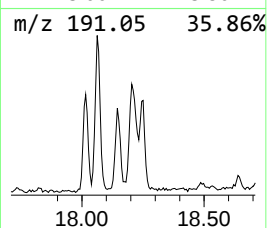
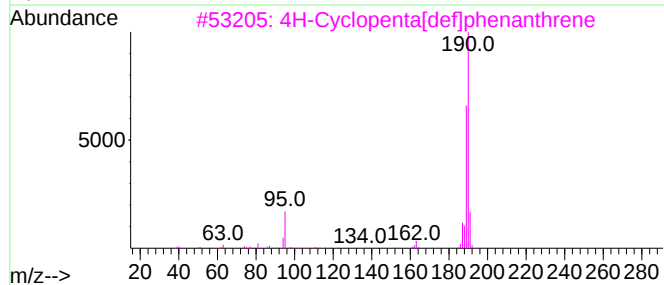
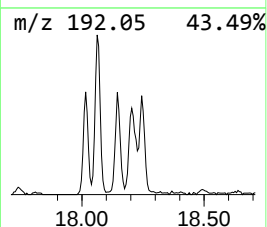
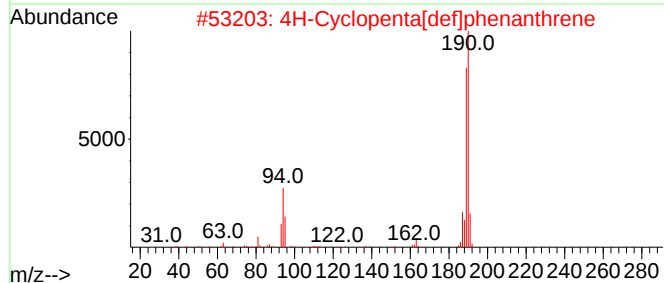
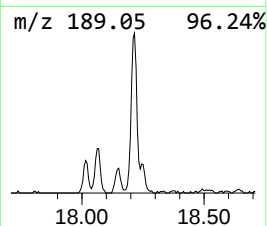
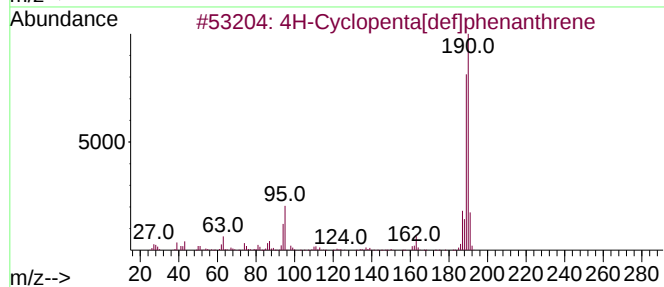
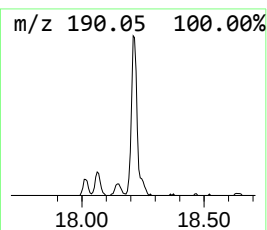
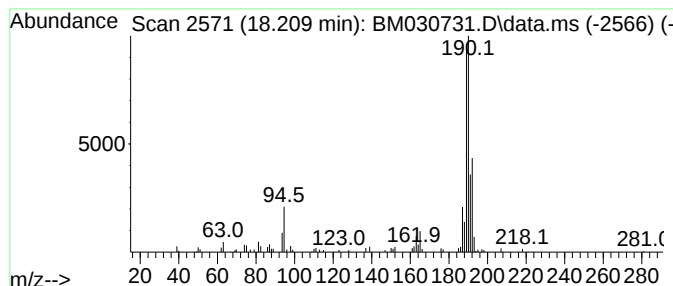
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM062221.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.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.
18.210	2.99 ng/ul	152955	Phenanthrene-d10	17.145

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3			4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	52
4			Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5			Methyl diselenide	190	C2H6Se2	007101-31-7	45



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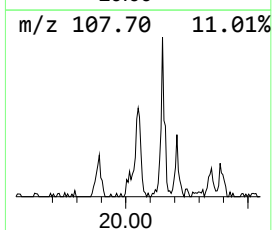
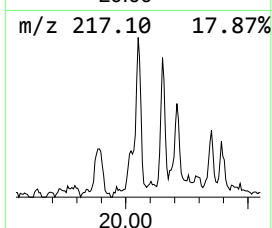
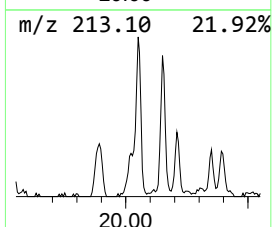
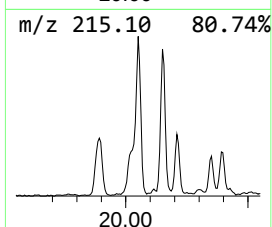
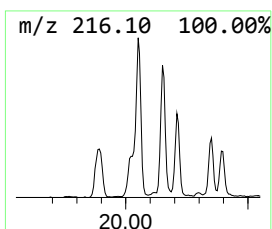
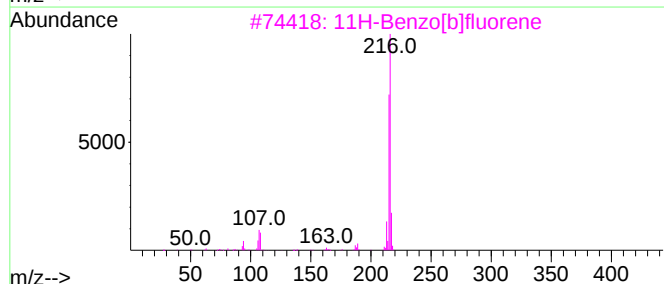
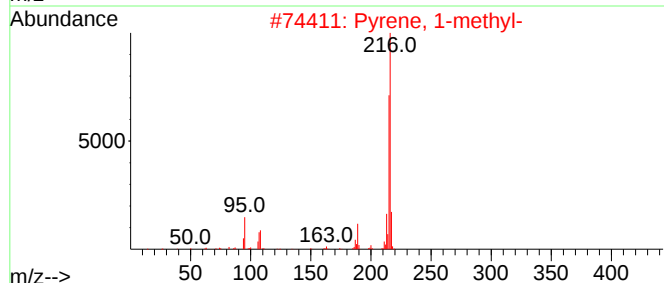
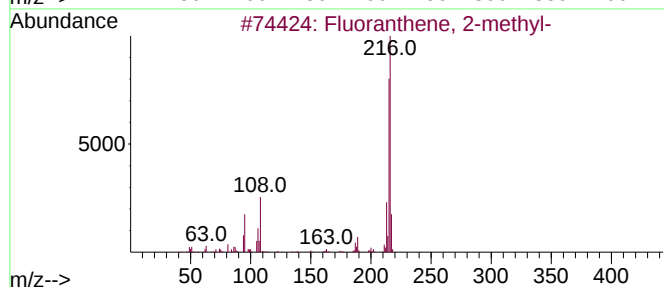
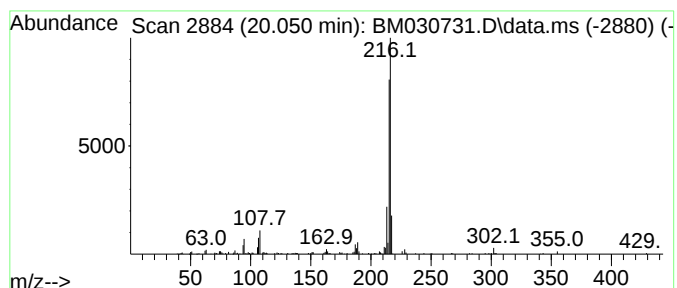
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Fluoranthene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.050	2.51 ng/ul	258871	Chrysene-d12	21.309

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
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			11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[d... Fluoranthene, 2...	18.210 20.050	3.0 2.5	ng/ul ng/ul	152955 258871	4 5	17.145 21.309	1022340 2062920	20.0 20.0