

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM112619\
 Data File : BM023893.D
 Acq On : 26 Nov 2019 15:11
 Operator : JU
 Sample : K5854-11DL 5X
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9DL

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 0.1 % of largest Peak
 Max Peaks: 100
 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
 Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
 Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.751	143	147	151	rVB	16693	22984	0.26%	0.027%
2	6.692	641	647	663	rVB2	143856	324509	3.72%	0.387%
3	6.851	670	674	684	rBV	116837	207874	2.38%	0.248%
4	7.039	700	706	714	rBV	176922	288780	3.31%	0.345%
5	7.498	777	784	797	rBV	1343242	2117267	24.28%	2.527%
6	8.222	901	907	916	rBV	139665	277985	3.19%	0.332%
7	8.657	974	981	988	rBV	138848	259635	2.98%	0.310%
8	9.104	1052	1057	1058	rBV5	8212	11151	0.13%	0.013%
9	9.375	1095	1103	1113	rBV	113238	213446	2.45%	0.255%
10	9.916	1189	1195	1210	rBV	157424	343813	3.94%	0.410%
11	10.275	1248	1256	1267	rBV	1756054	3041962	34.88%	3.631%
12	10.433	1276	1283	1298	rBV	84177	234878	2.69%	0.280%
13	13.486	1797	1802	1806	rVB5	7021	13596	0.16%	0.016%
14	13.580	1813	1818	1823	rBV	377436	563249	6.46%	0.672%
15	13.627	1823	1826	1833	rVB	98213	146605	1.68%	0.175%
16	13.851	1858	1864	1879	rBV	432214	696909	7.99%	0.832%
17	14.092	1900	1905	1909	rVB6	7233	10654	0.12%	0.013%
18	14.157	1909	1916	1923	rBV	2723664	4136432	47.43%	4.938%
19	14.221	1923	1927	1937	rVB	83844	134722	1.54%	0.161%
20	14.427	1953	1962	1967	rBV5	27986	74445	0.85%	0.089%
21	14.568	1982	1986	1990	rBV	23913	37059	0.42%	0.044%
22	14.610	1990	1993	1998	rVV7	10885	23221	0.27%	0.028%
23	15.162	2080	2087	2092	rBV	615440	905741	10.39%	1.081%
24	15.215	2092	2096	2102	rVB	107186	157637	1.81%	0.188%
25	15.304	2105	2111	2121	rBV3	67822	137248	1.57%	0.164%
26	15.462	2135	2138	2142	rVB6	7380	10744	0.12%	0.013%
27	15.515	2142	2147	2155	rVB	26009	44374	0.51%	0.053%
28	15.668	2166	2173	2179	rBV2	24707	55115	0.63%	0.066%
29	15.745	2185	2186	2192	rVB5	8815	12747	0.15%	0.015%
30	15.904	2207	2213	2218	rBV4	18516	34521	0.40%	0.041%
31	16.227	2261	2268	2273	rVV5	21845	46987	0.54%	0.056%
32	16.274	2273	2276	2280	rVB5	14777	21471	0.25%	0.026%
33	16.456	2304	2307	2310	rBV3	15321	14417	0.17%	0.017%
34	16.492	2310	2313	2317	rBV6	11632	15700	0.18%	0.019%

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35	16.574	2323	2327	2335	rVB5	36490	59344	0.68%	0.071%
36	16.651	2335	2340	2345	rBV6	18889	40757	0.47%	0.049%
37	16.703	2345	2349	2350	rVV2	30019	39360	0.45%	0.047%
38	16.733	2350	2354	2361	rVB	95652	139396	1.60%	0.166%
39	16.839	2368	2372	2375	rBV6	10942	17749	0.20%	0.021%
40	16.915	2378	2385	2388	rBV	3299247	4733347	54.27%	5.650%
41	16.951	2388	2391	2397	rVV	2342712	3363353	38.57%	4.015%
42	17.009	2397	2401	2405	rVV	653999	1044564	11.98%	1.247%
43	17.045	2405	2407	2415	rVV	357184	454052	5.21%	0.542%
44	17.115	2415	2419	2424	rVB2	46198	73678	0.84%	0.088%
45	17.321	2446	2454	2467	rBV	159622	302169	3.46%	0.361%
46	17.439	2470	2474	2479	rBV2	48084	71230	0.82%	0.085%
47	17.498	2480	2484	2491	rVB4	24846	41773	0.48%	0.050%
48	17.639	2505	2508	2511	rVB3	14577	22133	0.25%	0.026%
49	17.715	2517	2521	2525	rBV5	17713	26078	0.30%	0.031%
50	17.792	2528	2534	2538	rVV	178877	266241	3.05%	0.318%
51	17.839	2538	2542	2548	rVV	329719	475316	5.45%	0.567%
52	17.921	2552	2556	2560	rVV2	48214	74443	0.85%	0.089%
53	17.980	2560	2566	2571	rVV2	393547	650311	7.46%	0.776%
54	18.021	2571	2573	2579	rVB	117150	142470	1.63%	0.170%
55	18.103	2582	2587	2589	rBV4	13222	21462	0.25%	0.026%
56	18.139	2590	2593	2597	rBV3	19913	28493	0.33%	0.034%
57	18.192	2599	2602	2606	rBV4	16401	17903	0.21%	0.021%
58	18.227	2606	2608	2610	rBV3	9334	10911	0.13%	0.013%
59	18.298	2616	2620	2624	rBV	169930	231886	2.66%	0.277%
60	18.345	2624	2628	2633	rVB	191791	273689	3.14%	0.327%
61	18.545	2659	2662	2667	rVV2	45668	55950	0.64%	0.067%
62	18.598	2667	2671	2674	rVV	48470	60937	0.70%	0.073%
63	18.639	2674	2678	2682	rVB2	41486	55360	0.63%	0.066%
64	18.721	2687	2692	2698	rBV	102669	184201	2.11%	0.220%
65	18.774	2698	2701	2705	rBV4	45266	71364	0.82%	0.085%
66	18.862	2711	2716	2723	rBV	101864	180972	2.08%	0.216%
67	18.980	2730	2736	2745	rBV	5613397	7583313	86.95%	9.052%
68	19.050	2745	2748	2751	rVV3	39867	58589	0.67%	0.070%
69	19.086	2751	2754	2758	rVB2	60713	78480	0.90%	0.094%
70	19.133	2758	2762	2764	rBV5	39997	47504	0.54%	0.057%
71	19.227	2774	2778	2782	rVB	123116	181984	2.09%	0.217%

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72	19.321	2788	2794	2795	rBV3	1534697	2114849	24.25%	2.525%
73	19.345	2795	2798	2808	rVV	4509101	5733674	65.74%	6.844%
74	19.421	2808	2811	2819	rVB2	143115	247910	2.84%	0.296%
75	19.533	2825	2830	2836	rBV	183842	275842	3.16%	0.329%
76	19.592	2836	2840	2848	rVB	126233	206977	2.37%	0.247%
77	19.680	2848	2855	2860	rBV2	180278	476736	5.47%	0.569%
78	19.733	2861	2864	2867	rVB	53056	69342	0.80%	0.083%
79	19.815	2873	2878	2880	rBV4	147887	255690	2.93%	0.305%
80	19.850	2880	2884	2889	rVB2	511477	708087	8.12%	0.845%
81	19.950	2897	2901	2905	rBV2	445432	571136	6.55%	0.682%
82	20.009	2905	2911	2914	rVV2	265362	460573	5.28%	0.550%
83	20.044	2914	2917	2921	rVB	149419	197830	2.27%	0.236%
84	20.144	2931	2934	2938	rBV2	121459	162629	1.86%	0.194%
85	20.192	2939	2942	2947	rVV3	124139	185167	2.12%	0.221%
86	20.603	3009	3012	3019	rVB	171855	257413	2.95%	0.307%
87	20.762	3035	3039	3043	rBV	374667	552551	6.34%	0.660%
88	20.803	3043	3046	3049	rVB	281908	315340	3.62%	0.376%
89	20.897	3060	3062	3068	rVB2	255769	348038	3.99%	0.415%
90	21.115	3093	3099	3103	rBV2	4885480	8721242	100.00%	10.411%
91	21.156	3103	3106	3116	rVB	2360940	2971842	34.08%	3.548%
92	21.274	3122	3126	3128	rBV	458158	571974	6.56%	0.683%
93	21.427	3149	3152	3157	rVB2	250888	389600	4.47%	0.465%
94	22.285	3295	3298	3304	rVB3	371767	478282	5.48%	0.571%
95	22.633	3352	3357	3373	rBV	2417550	6986980	80.11%	8.340%
96	23.085	3429	3434	3438	rBV	1212153	2075204	23.79%	2.477%
97	23.133	3439	3442	3445	rVV	525696	746631	8.56%	0.891%
98	23.174	3445	3449	3457	rVB	2008506	3642353	41.76%	4.348%
99	23.268	3459	3465	3470	rBV	3230066	5567767	63.84%	6.646%
100	25.397	3822	3827	3838	rVB	1065289	2661594	30.52%	3.177%

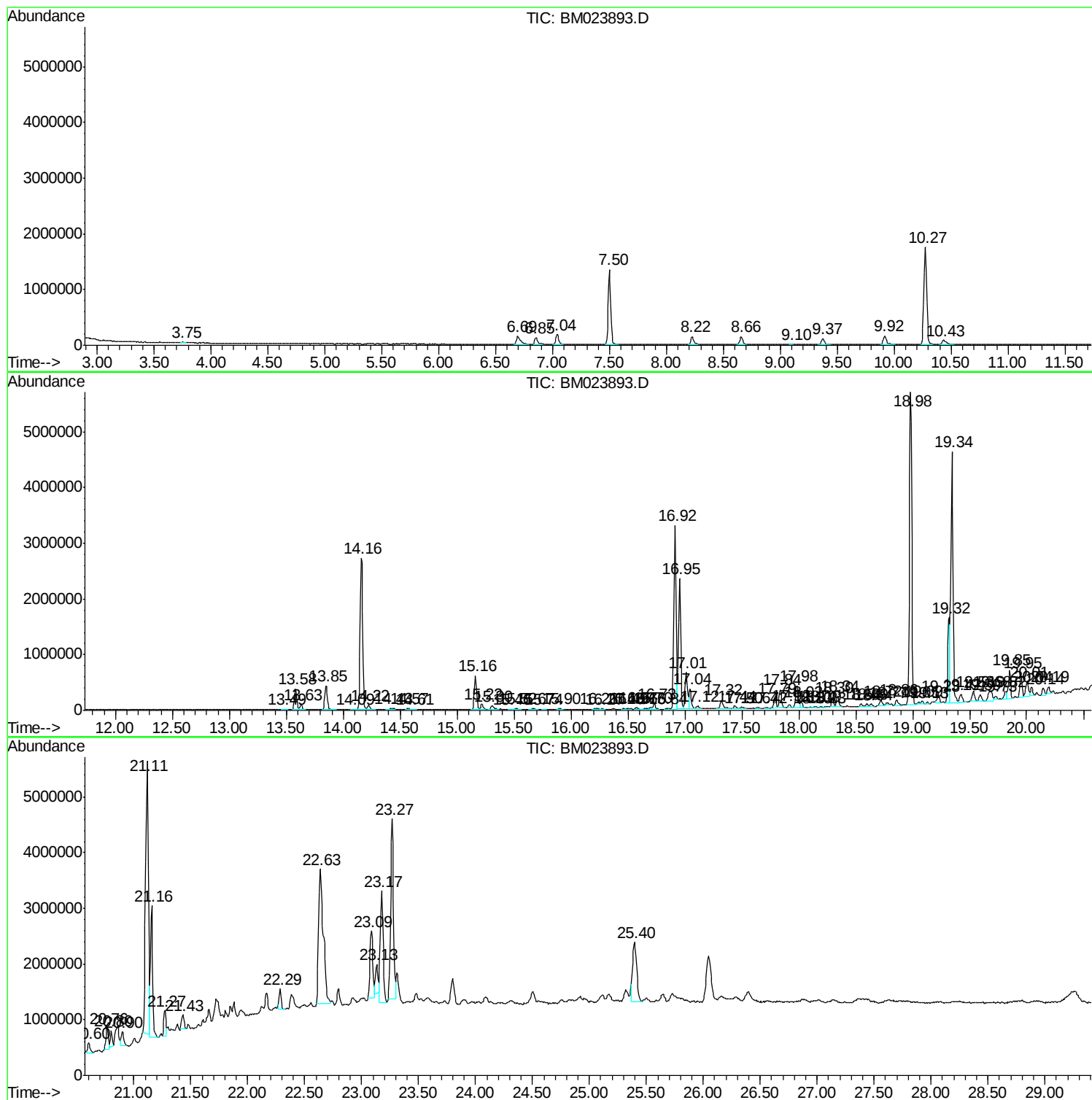
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM11119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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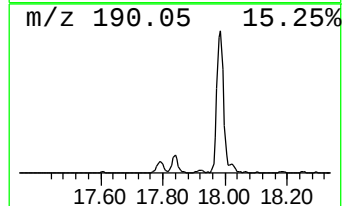
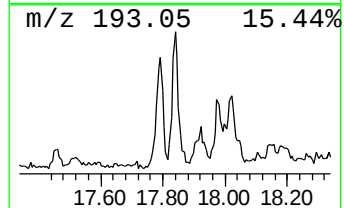
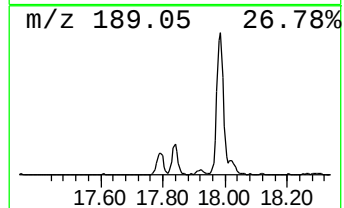
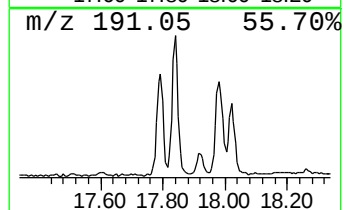
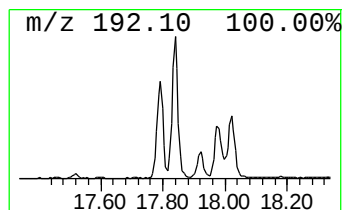
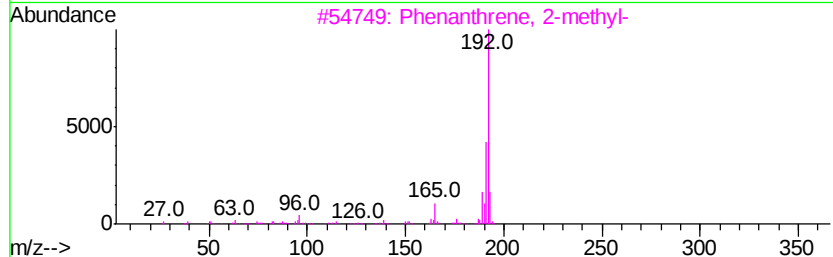
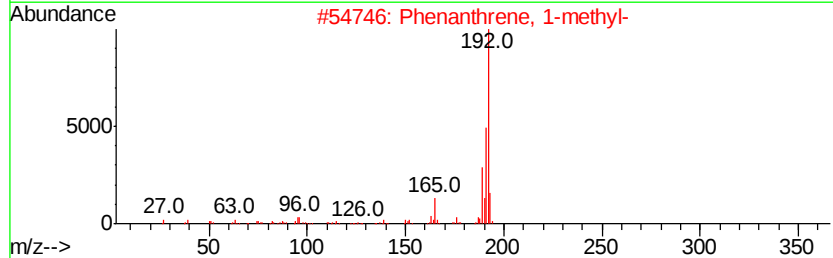
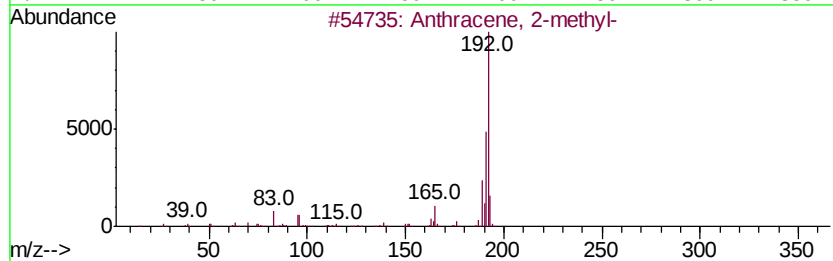
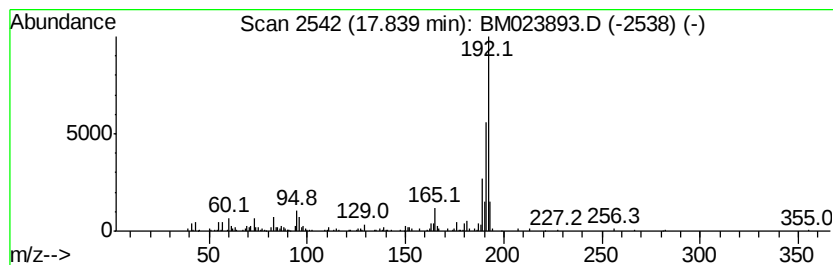
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111119MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
17.84	2.01 ng/ul	475316	Phenanthrene-d10	16.92	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95



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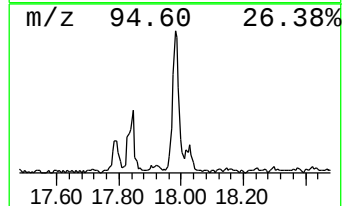
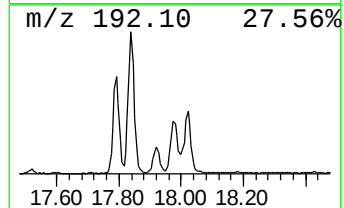
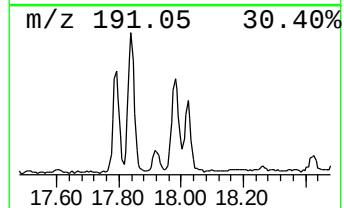
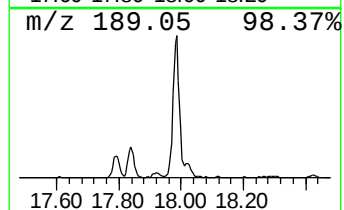
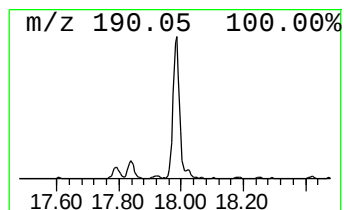
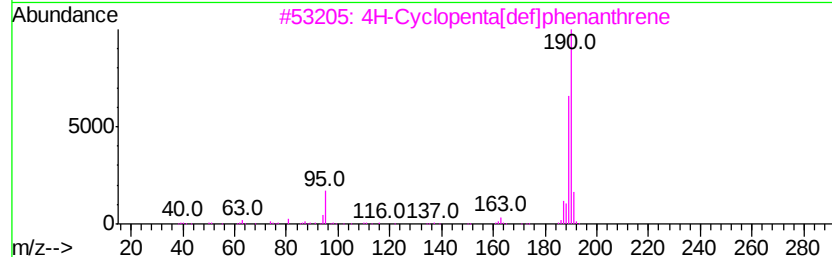
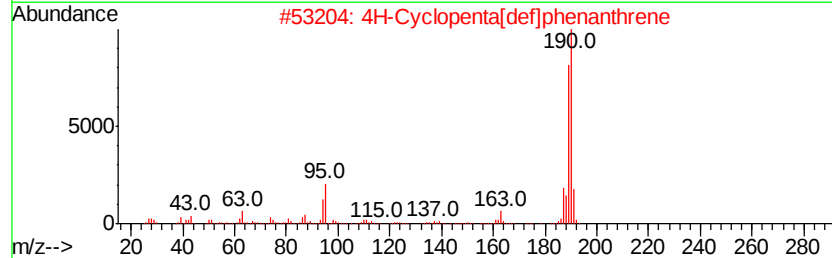
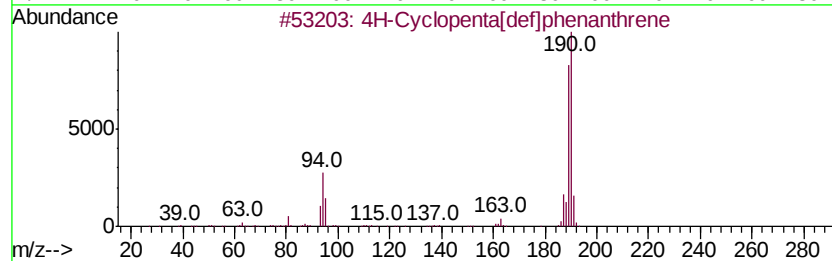
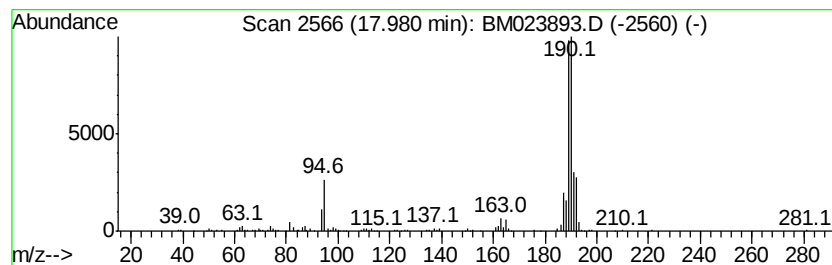
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TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.98	2.75 ng/ul	650311	Phenanthrene-d10		16.92	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
4		6H-Cyclobuta[flk]phenanthrene	190	C15H10	083469-43-6	64
5		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 2-met...	17.84	2.0	ng/ul	475316	4	16.92	4733350	20.0
4H-Cyclopenta[def...	17.98	2.8	ng/ul	650311	4	16.92	4733350	20.0