

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG072315\
 Data File : BG018078.D
 Acq On : 23 Jul 2015 23:13
 Operator : TP/UM
 Sample : G3035-09
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C02D4

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:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.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	2.723	3	6	10	rBV2	16784	19988	1.34%	0.127%
2	2.764	11	13	17	rVB	12192	11040	0.74%	0.070%
3	3.534	140	144	148	rBV2	20000	24650	1.65%	0.157%
4	6.695	677	682	691	rVB	79797	130721	8.77%	0.833%
5	6.859	705	710	715	rVB	64617	94417	6.34%	0.602%
6	7.047	736	742	749	rVB	87621	137695	9.24%	0.878%
7	7.511	815	821	827	rVB	193793	295038	19.80%	1.881%
8	8.228	937	943	953	rVB	66175	103555	6.95%	0.660%
9	8.334	956	961	971	rVB2	23548	39854	2.67%	0.254%
10	8.663	1011	1017	1026	rVB	81921	139172	9.34%	0.887%
11	9.386	1133	1140	1145	rBV	71572	115126	7.72%	0.734%
12	9.920	1225	1231	1242	rVB	118970	193166	12.96%	1.232%
13	10.290	1287	1294	1301	rBV	306330	505078	33.89%	3.220%
14	10.437	1310	1319	1328	rBV2	59718	108050	7.25%	0.689%
15	12.523	1669	1674	1679	rVB3	6758	11049	0.74%	0.070%
16	12.782	1711	1718	1725	rVB2	15059	21245	1.43%	0.135%
17	13.598	1851	1857	1861	rVV	233332	313761	21.05%	2.001%
18	13.639	1861	1864	1873	rVB	85807	119063	7.99%	0.759%
19	13.869	1896	1903	1911	rBV	274085	402824	27.03%	2.568%
20	14.180	1950	1956	1963	rVV2	519611	771856	51.79%	4.921%
21	14.239	1963	1966	1975	rVV	13216	19172	1.29%	0.122%
22	14.397	1987	1993	2000	rBV	87061	128882	8.65%	0.822%
23	14.579	2021	2024	2031	rVV2	7704	12027	0.81%	0.077%
24	15.055	2102	2105	2110	rVB2	8071	9801	0.66%	0.062%
25	15.179	2120	2126	2131	rBV	364797	505533	33.92%	3.223%
26	15.232	2131	2135	2140	rVV2	16516	23647	1.59%	0.151%
27	15.308	2142	2148	2154	rVV	79128	112087	7.52%	0.715%
28	15.678	2205	2211	2219	rBV3	5929	11895	0.80%	0.076%
29	15.919	2247	2252	2262	rVB5	10890	18641	1.25%	0.119%
30	16.483	2341	2348	2350	rVV4	6126	9964	0.67%	0.064%
31	16.589	2361	2366	2372	rVB	13617	19469	1.31%	0.124%
32	16.712	2385	2387	2390	rVV3	12595	14175	0.95%	0.090%
33	16.748	2390	2393	2403	rVV2	13715	21688	1.46%	0.138%
34	16.930	2418	2424	2428	rBV2	641684	931318	62.49%	5.938%

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35	16.977	2428	2432	2436	rVV	325168	442499	29.69%	2.821%
36	17.030	2436	2441	2445	rVV	378177	530952	35.63%	3.385%
37	17.065	2445	2447	2452	rVB	49070	55558	3.73%	0.354%
38	17.124	2452	2457	2462	rVB2	7925	11479	0.77%	0.073%
39	17.247	2473	2478	2482	rVB4	4978	9617	0.65%	0.061%
40	17.341	2485	2494	2498	rBV2	24091	40152	2.69%	0.256%
41	17.458	2510	2514	2518	rVB3	11066	13980	0.94%	0.089%
42	17.511	2518	2523	2527	rBV5	7140	10505	0.70%	0.067%
43	17.811	2568	2574	2578	rBV	39779	58700	3.94%	0.374%
44	17.858	2578	2582	2587	rVV	71369	95961	6.44%	0.612%
45	17.923	2588	2593	2601	rVB2	13938	31883	2.14%	0.203%
46	18.005	2601	2607	2611	rBV2	61227	103843	6.97%	0.662%
47	18.040	2611	2613	2620	rVB	29325	34662	2.33%	0.221%
48	18.158	2629	2633	2637	rVB6	5558	9369	0.63%	0.060%
49	18.316	2656	2660	2663	rBV	33519	45431	3.05%	0.290%
50	18.357	2663	2667	2672	rVB2	35732	49504	3.32%	0.316%
51	18.563	2697	2702	2706	rVV3	12416	17233	1.16%	0.110%
52	18.616	2708	2711	2715	rVV2	9076	12640	0.85%	0.081%
53	18.657	2715	2718	2723	rVB3	12348	14969	1.00%	0.095%
54	18.739	2727	2732	2737	rVV2	22512	38425	2.58%	0.245%
55	18.798	2737	2742	2745	rVV6	13017	23629	1.59%	0.151%
56	18.880	2751	2756	2765	rBV	31102	65018	4.36%	0.415%
57	19.004	2771	2777	2784	rVB	625675	817267	54.84%	5.211%
58	19.074	2784	2789	2791	rBV4	7034	12163	0.82%	0.078%
59	19.104	2791	2794	2798	rVV4	11042	15938	1.07%	0.102%
60	19.151	2798	2802	2807	rVV6	16511	19842	1.33%	0.127%
61	19.209	2807	2812	2813	rVV5	11456	15807	1.06%	0.101%
62	19.245	2816	2818	2822	rVV	18329	22635	1.52%	0.144%
63	19.339	2828	2834	2836	rBV2	531223	691222	46.38%	4.407%
64	19.368	2836	2839	2844	rVV	562150	726528	48.75%	4.632%
65	19.444	2848	2852	2858	rVB2	19172	31627	2.12%	0.202%
66	19.550	2866	2870	2875	rBV2	25504	37524	2.52%	0.239%
67	19.609	2875	2880	2885	rVB	19660	37755	2.53%	0.241%
68	19.703	2889	2896	2901	rBV3	30661	74444	4.99%	0.475%
69	19.832	2913	2918	2920	rBV4	24299	38310	2.57%	0.244%
70	19.867	2920	2924	2929	rVB	62272	89406	6.00%	0.570%
71	19.967	2937	2941	2945	rBV2	39957	46370	3.11%	0.296%

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72	20.026	2945	2951	2955	rBV2	49660	82872	5.56%	0.528%
73	20.067	2955	2958	2961	rVV3	16696	22056	1.48%	0.141%
74	20.102	2962	2964	2969	rVB4	11317	17755	1.19%	0.113%
75	20.167	2971	2975	2978	rVV	26191	35188	2.36%	0.224%
76	20.208	2978	2982	2987	rVV2	29090	44727	3.00%	0.285%
77	20.531	3035	3037	3041	rVB5	12210	15850	1.06%	0.101%
78	20.584	3041	3046	3048	rBV6	9554	18584	1.25%	0.118%
79	20.614	3048	3051	3058	rVB	42122	63393	4.25%	0.404%
80	20.708	3064	3067	3072	rVB6	14815	18387	1.23%	0.117%
81	20.778	3074	3079	3083	rVV2	44447	72985	4.90%	0.465%
82	20.819	3083	3086	3089	rVV	44972	54628	3.67%	0.348%
83	20.866	3089	3094	3098	rVV2	54663	107057	7.18%	0.683%
84	20.913	3098	3102	3110	rVB3	52222	91419	6.13%	0.583%
85	21.137	3133	3140	3144	rBV2	935294	1490372	100.00%	9.503%
86	21.172	3144	3146	3157	rVB	298031	347336	23.31%	2.215%
87	21.289	3162	3166	3172	rBV	44433	70975	4.76%	0.453%
88	21.448	3188	3193	3197	rBV3	32620	48435	3.25%	0.309%
89	21.677	3230	3232	3237	rVB	45828	47646	3.20%	0.304%
90	21.730	3237	3241	3245	rBV2	36018	47846	3.21%	0.305%
91	21.871	3261	3265	3267	rBV3	23094	30045	2.02%	0.192%
92	21.900	3267	3270	3273	rVB4	22692	29030	1.95%	0.185%
93	22.664	3394	3400	3405	rBV	245857	540962	36.30%	3.449%
94	22.835	3425	3429	3433	rBV	38472	58837	3.95%	0.375%
95	23.134	3475	3480	3483	rBV	122577	209506	14.06%	1.336%
96	23.181	3483	3488	3492	rVV	270123	466595	31.31%	2.975%
97	23.222	3492	3495	3502	rVB	208668	350433	23.51%	2.234%
98	23.322	3505	3512	3518	rBV2	547365	1056332	70.88%	6.735%
99	25.520	3879	3886	3896	rVB2	100498	287807	19.31%	1.835%
100	26.189	3994	4000	4015	rVB2	53796	168200	11.29%	1.072%

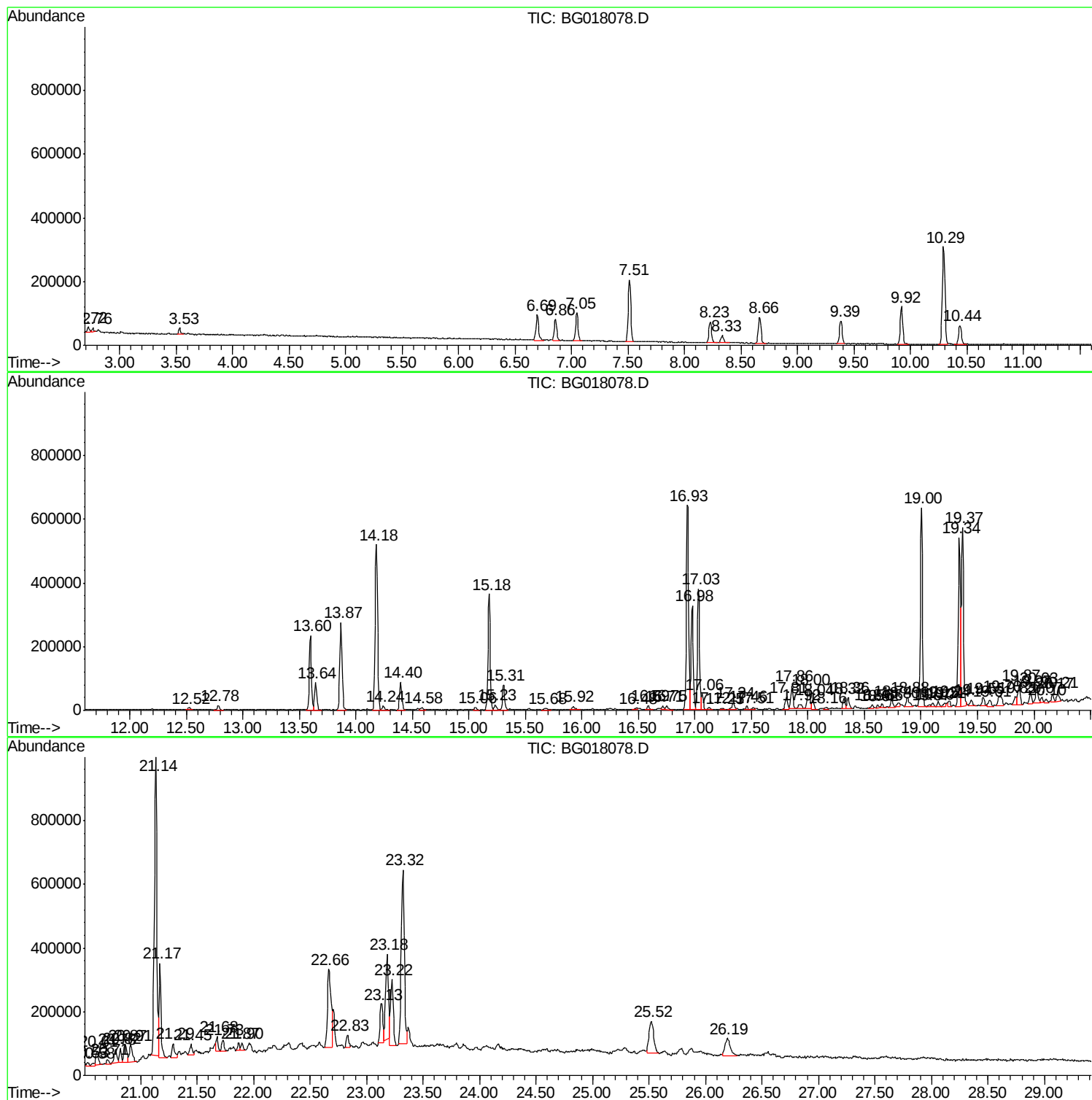
Sum of corrected areas: 15683752

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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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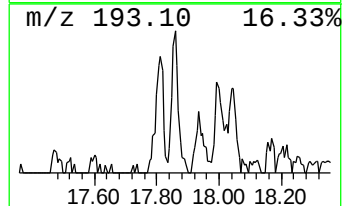
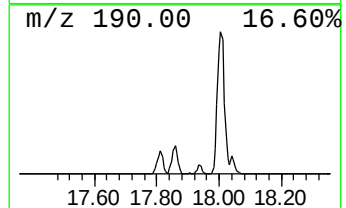
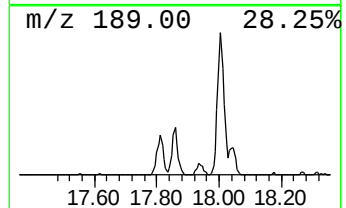
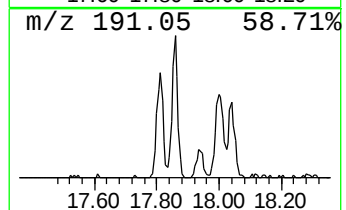
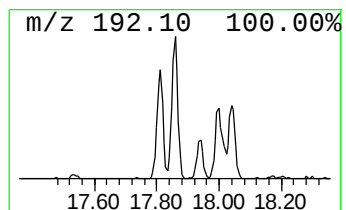
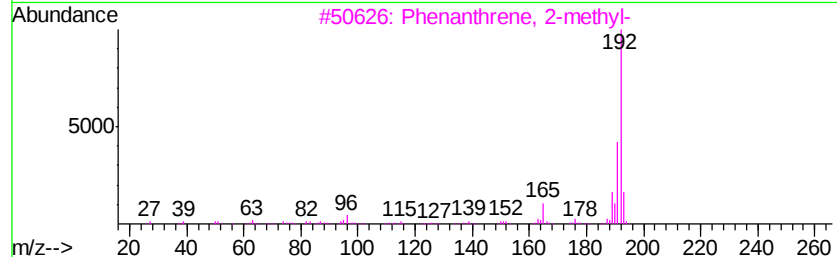
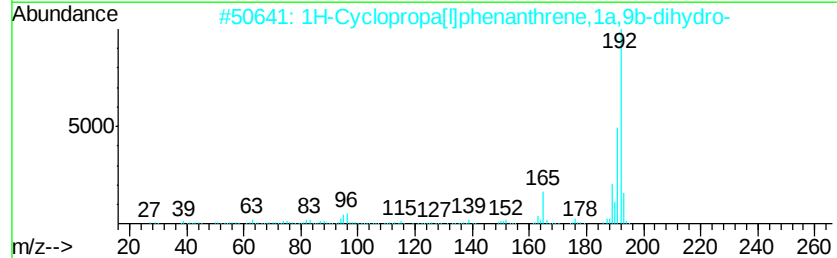
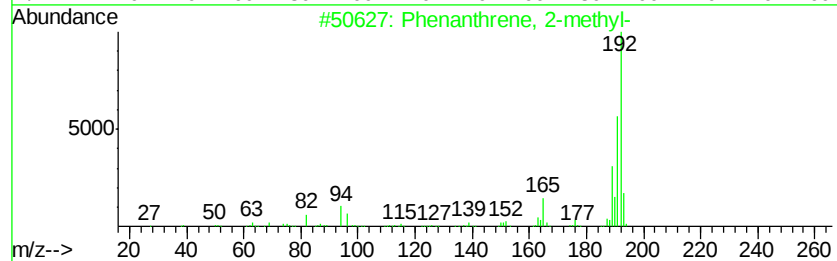
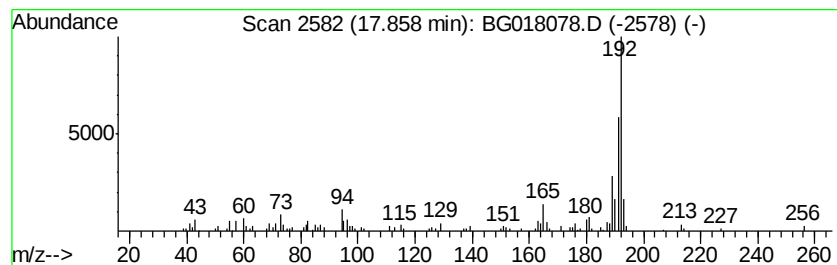
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG072315.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD		R.T.	
17.86	2.06 ng/ul	95961	Phenanthrene-d10		16.93	
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	96
3		Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5		Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93



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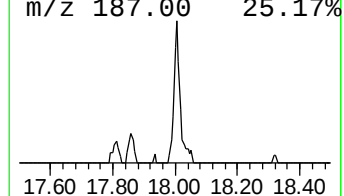
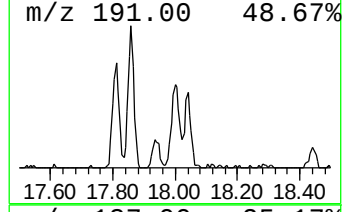
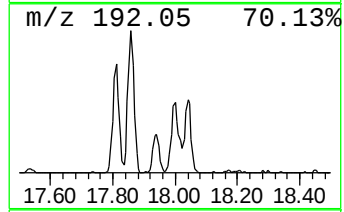
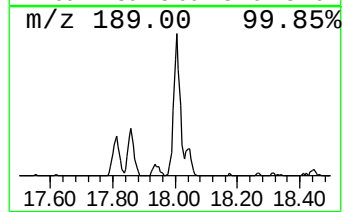
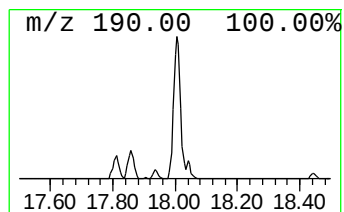
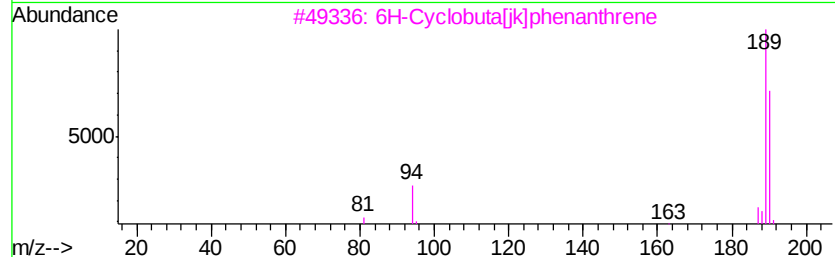
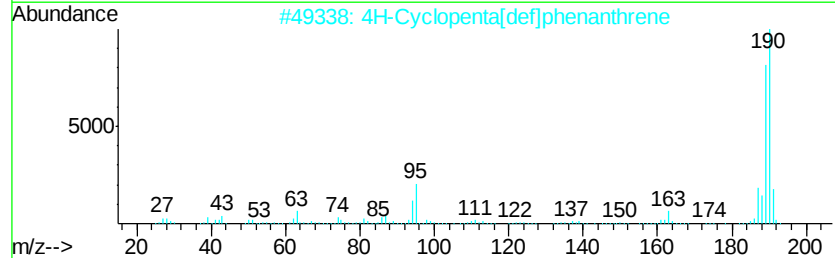
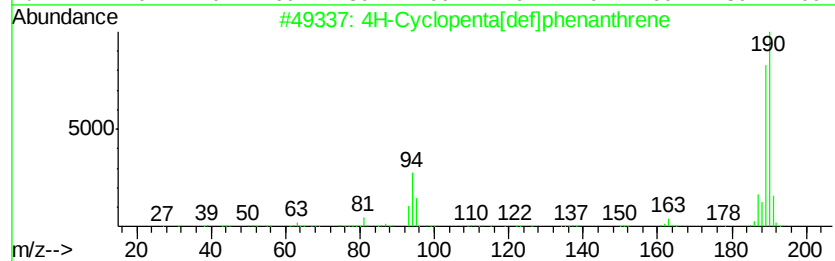
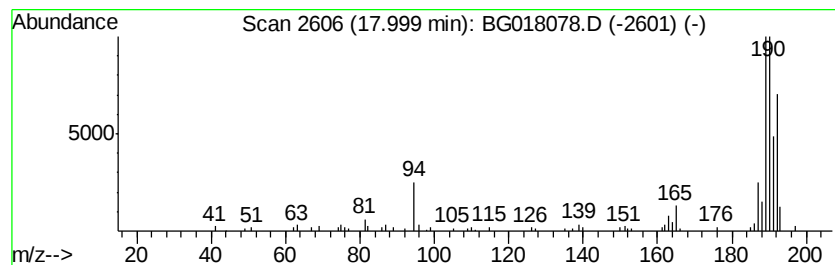
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.00	2.23 ng/ul	103843	Phenanthrene-d10	16.93	
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	64
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	32
5	6,7-Methylenedioxy-4(3H)-quinazo...	190	C9H6N2O3	028310-11-4	16



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Phenanthrene, 2-m...	17.86	2.1	ng/ul	95961	4	16.93	931318	20.0
4H-Cyclopenta[def...	18.00	2.2	ng/ul	103843	4	16.93	931318	20.0