

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122115\
 Data File : BG020404.D
 Acq On : 22 Dec 2015 8:46
 Operator : UM/SJ
 Sample : G4848-14DL 25X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N60DL

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-BG121415.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	3.112	42	46	54	rVB2	6284	11708	2.40%	0.305%
2	3.188	57	59	65	rVB4	1540	1823	0.37%	0.047%
3	7.412	775	778	783	rBB2	1265	1832	0.38%	0.048%
4	7.624	811	814	818	rVB2	1016	1547	0.32%	0.040%
5	8.088	885	893	901	rBB	48157	78457	16.10%	2.042%
6	8.629	981	985	991	rBV	2435	4089	0.84%	0.106%
7	8.799	1011	1014	1019	rBV	932	1678	0.34%	0.044%
8	9.263	1089	1093	1096	rBV2	1053	1607	0.33%	0.042%
9	10.532	1305	1309	1312	rBB2	1066	1724	0.35%	0.045%
10	10.908	1365	1373	1377	rBV	71152	129444	26.57%	3.369%
11	10.955	1377	1381	1392	rVB	93378	167274	34.33%	4.353%
12	11.049	1392	1397	1398	rBV	1467	1527	0.31%	0.040%
13	12.559	1647	1654	1661	rBB	46589	75624	15.52%	1.968%
14	12.777	1684	1691	1697	rBB	22607	35506	7.29%	0.924%
15	13.558	1818	1824	1831	rBB	17883	26787	5.50%	0.697%
16	13.752	1853	1857	1866	rBB	4997	7862	1.61%	0.205%
17	13.881	1875	1879	1880	rBV	5790	6059	1.24%	0.158%
18	14.040	1901	1906	1912	rBV3	8914	14171	2.91%	0.369%
19	14.099	1912	1916	1918	rBV2	5394	8550	1.75%	0.223%
20	14.169	1924	1928	1932	rVB	1757	2332	0.48%	0.061%
21	14.281	1942	1947	1950	rBV2	3432	4306	0.88%	0.112%
22	14.416	1965	1970	1972	rBV2	4900	6783	1.39%	0.177%
23	14.721	2013	2022	2028	rBV2	135324	225399	46.26%	5.866%
24	14.786	2028	2033	2040	rVB	108352	165592	33.98%	4.309%
25	14.857	2040	2045	2050	rVB2	3309	5357	1.10%	0.139%
26	14.921	2052	2056	2058	rBV	1041	1483	0.30%	0.039%
27	15.033	2069	2075	2079	rBB2	2886	4475	0.92%	0.116%
28	15.121	2080	2090	2097	rBV	68353	106008	21.76%	2.759%
29	15.192	2098	2102	2106	rVB	1653	2342	0.48%	0.061%
30	15.338	2122	2127	2129	rBB2	1241	1443	0.30%	0.038%
31	15.385	2132	2135	2139	rBB2	1025	1491	0.31%	0.039%
32	15.685	2181	2186	2187	rBV	1060	1392	0.29%	0.036%
33	15.714	2187	2191	2195	rVV2	8212	12100	2.48%	0.315%
34	15.767	2195	2200	2207	rVV2	92538	135128	27.73%	3.517%

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35	15.861	2211	2216	2218	rBV2	3044	4708	0.97%	0.123%
36	15.891	2218	2221	2224	rVV2	6081	7971	1.64%	0.207%
37	15.926	2224	2227	2233	rVV2	9609	14013	2.88%	0.365%
38	15.979	2233	2236	2237	rVV	2192	2200	0.45%	0.057%
39	16.014	2239	2242	2245	rVV2	4259	6462	1.33%	0.168%
40	16.055	2245	2249	2257	rVB2	10176	15554	3.19%	0.405%
41	16.202	2266	2274	2284	rBB	11242	22423	4.60%	0.584%
42	16.296	2284	2290	2295	rBB	1813	2758	0.57%	0.072%
43	16.560	2330	2335	2339	rBB2	3387	4790	0.98%	0.125%
44	16.766	2359	2370	2375	rBV4	7865	15013	3.08%	0.391%
45	16.813	2375	2378	2385	rVB3	2684	4175	0.86%	0.109%
46	16.872	2385	2388	2390	rBV2	735	1133	0.23%	0.029%
47	16.919	2393	2396	2400	rVB3	2142	3113	0.64%	0.081%
48	16.989	2401	2408	2411	rBV3	1840	3617	0.74%	0.094%
49	17.036	2411	2416	2418	rVV2	1939	2336	0.48%	0.061%
50	17.119	2426	2430	2434	rVB2	2373	3515	0.72%	0.091%
51	17.195	2437	2443	2445	rBV2	2386	4445	0.91%	0.116%
52	17.283	2453	2458	2465	rVB	18742	28803	5.91%	0.750%
53	17.465	2482	2489	2493	rBV	197988	309561	63.53%	8.056%
54	17.512	2493	2497	2502	rVV	327723	487251	100.00%	12.681%
55	17.565	2502	2506	2508	rVV	9774	13800	2.83%	0.359%
56	17.600	2508	2512	2517	rVB	20313	29266	6.01%	0.762%
57	17.871	2552	2558	2566	rBV	9166	16082	3.30%	0.419%
58	17.982	2572	2577	2582	rVB	3687	5027	1.03%	0.131%
59	18.047	2584	2588	2592	rBV2	1840	2212	0.45%	0.058%
60	18.188	2607	2612	2619	rVB2	1565	3270	0.67%	0.085%
61	18.341	2633	2638	2642	rBV	16701	22080	4.53%	0.575%
62	18.388	2642	2646	2652	rVB2	22044	29909	6.14%	0.778%
63	18.470	2656	2660	2665	rVB2	5358	8326	1.71%	0.217%
64	18.541	2665	2672	2676	rBV2	36199	59274	12.16%	1.543%
65	18.640	2686	2689	2693	rBV2	1075	1326	0.27%	0.035%
66	18.682	2693	2696	2698	rBV2	1295	1242	0.25%	0.032%
67	18.740	2703	2706	2709	rVV	904	1166	0.24%	0.030%
68	18.770	2709	2711	2715	rVV	1253	1624	0.33%	0.042%
69	18.834	2718	2722	2728	rVV2	14097	19124	3.92%	0.498%
70	18.881	2728	2730	2733	rVB2	1287	1268	0.26%	0.033%
71	19.081	2760	2764	2767	rVB2	2337	2772	0.57%	0.072%

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72	19.128	2767	2772	2774	rBV3	1533	2067	0.42%	0.054%
73	19.169	2776	2779	2782	rVB2	1405	1631	0.33%	0.042%
74	19.246	2786	2792	2796	rBV2	4137	5232	1.07%	0.136%
75	19.387	2813	2816	2820	rBV3	875	1280	0.26%	0.033%
76	19.516	2831	2838	2844	rBV	196534	277224	56.90%	7.215%
77	19.598	2850	2852	2857	rVB2	1277	2117	0.43%	0.055%
78	19.639	2857	2859	2861	rBV2	1482	1371	0.28%	0.036%
79	19.757	2874	2879	2886	rBV2	4705	7674	1.57%	0.200%
80	19.845	2888	2894	2896	rVV2	40620	63958	13.13%	1.664%
81	19.874	2896	2899	2907	rVV	126488	178811	36.70%	4.654%
82	19.939	2907	2910	2918	rVB5	3877	7138	1.46%	0.186%
83	20.051	2925	2929	2933	rVB	5053	6694	1.37%	0.174%
84	20.186	2948	2952	2953	rBV	4708	5325	1.09%	0.139%
85	20.250	2959	2963	2970	rVB2	3024	4007	0.82%	0.104%
86	20.362	2972	2982	2988	rVB2	16363	30078	6.17%	0.783%
87	20.462	2994	2999	3003	rBV2	18353	26705	5.48%	0.695%
88	20.556	3013	3015	3019	rVB4	3080	3361	0.69%	0.087%
89	20.662	3029	3033	3037	rBV4	3387	5063	1.04%	0.132%
90	20.703	3037	3040	3043	rBV3	3594	4725	0.97%	0.123%
91	20.891	3068	3072	3076	rBV3	2637	3317	0.68%	0.086%
92	20.991	3087	3089	3090	rBV2	1755	1140	0.23%	0.030%
93	21.079	3102	3104	3108	rBV6	1929	2207	0.45%	0.057%
94	21.314	3141	3144	3148	rVB2	3747	4857	1.00%	0.126%
95	21.367	3148	3153	3155	rBV4	3808	5942	1.22%	0.155%
96	21.743	3208	3217	3222	rBV	236949	437874	89.87%	11.396%
97	22.154	3282	3287	3294	rBV6	2809	5833	1.20%	0.152%
98	23.964	3593	3595	3596	rBV	3186	2690	0.55%	0.070%
99	25.015	3764	3774	3796	rVB2	104362	328294	67.38%	8.544%
100	25.244	3811	3813	3816	rBV4	1849	1373	0.28%	0.036%

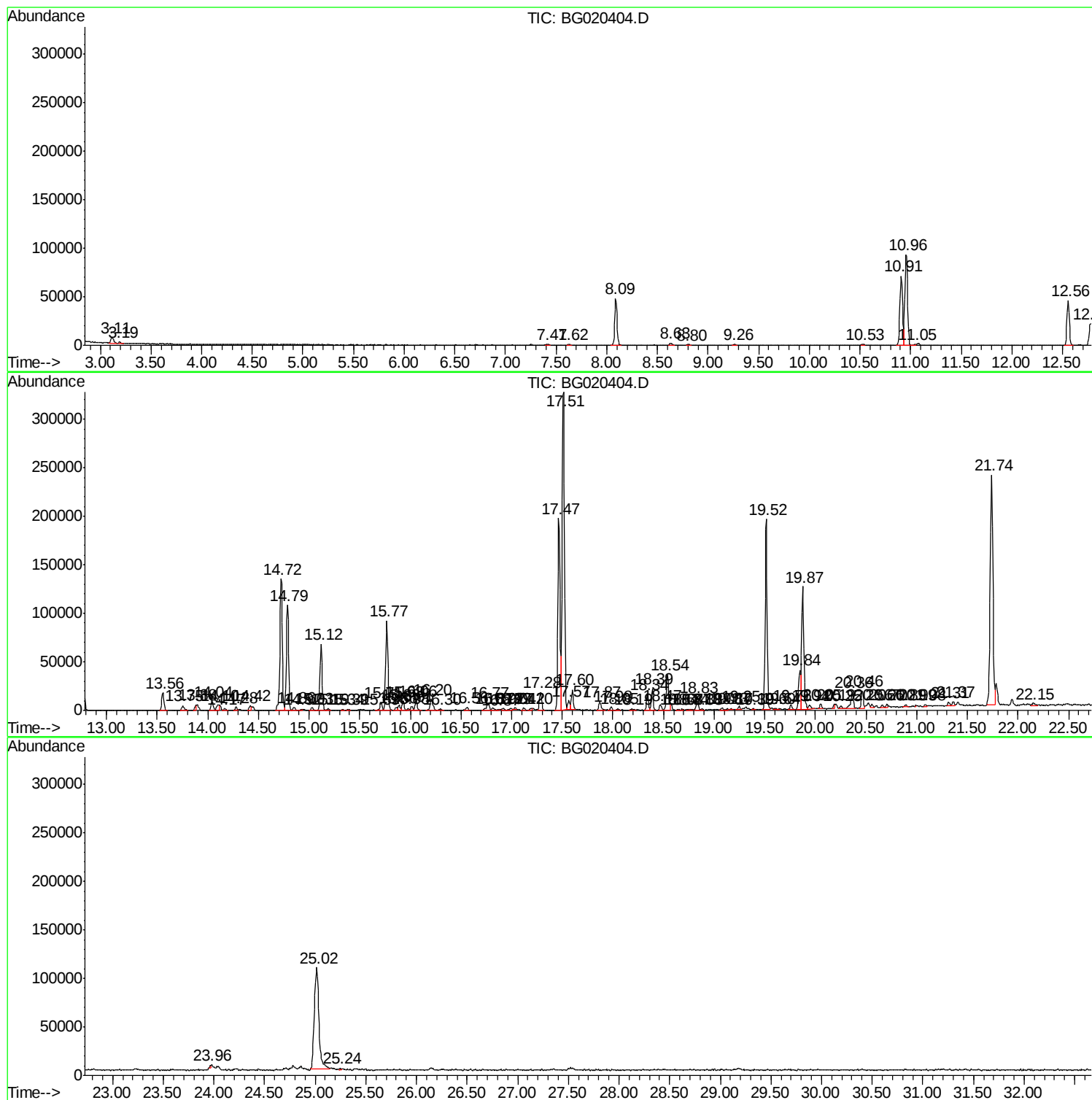
Sum of corrected areas: 3842497

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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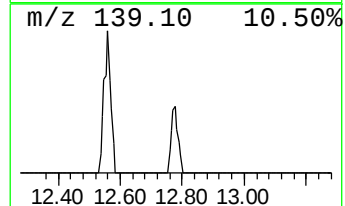
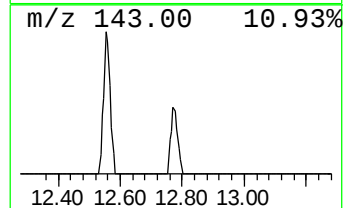
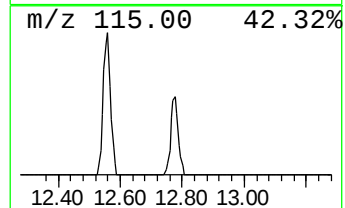
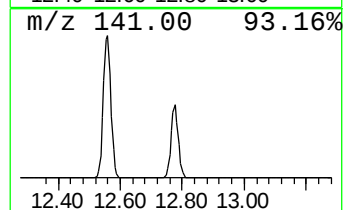
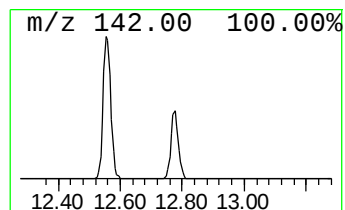
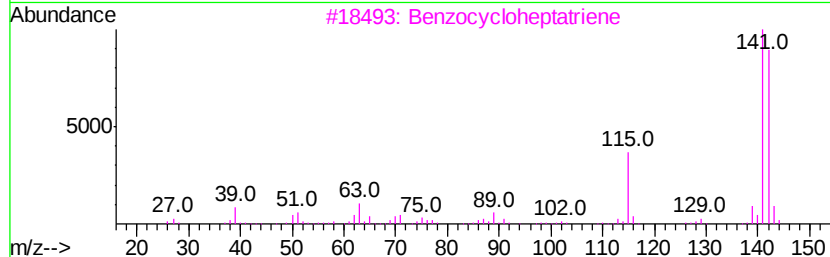
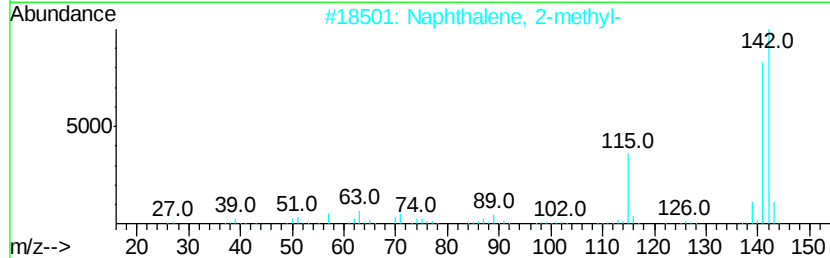
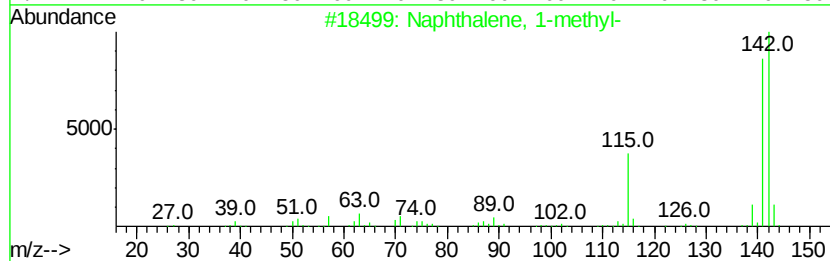
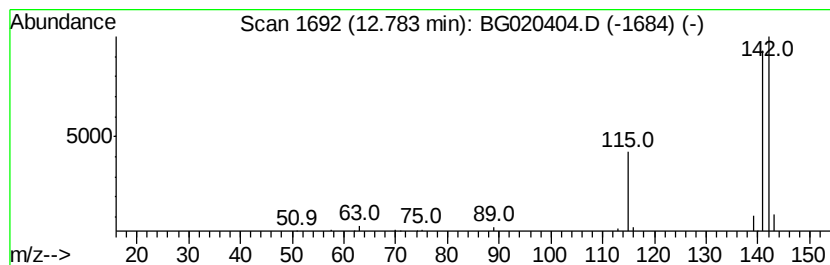
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	5.49 ng/ul	35506	Naphthalene-d8	10.91

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2		Naphthalene, 2-methyl-	142	C11H10	000091-57-6	94
3		Benzocycloheptatriene	142	C11H10	000264-09-5	91
4		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5		Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91



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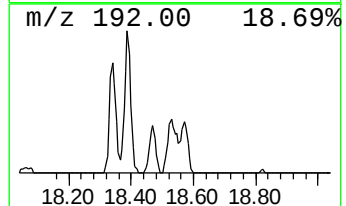
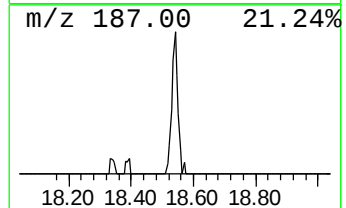
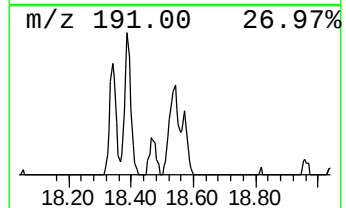
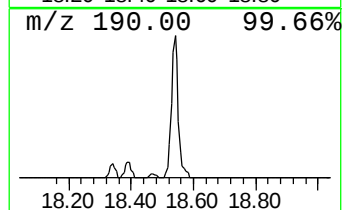
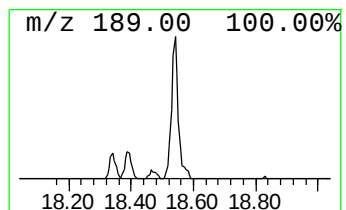
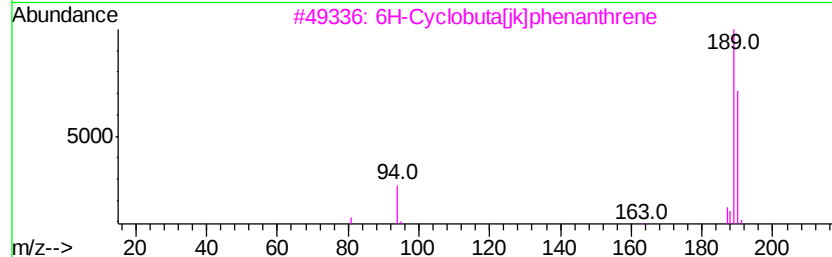
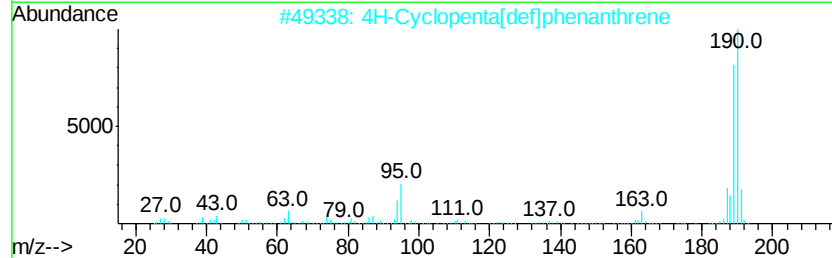
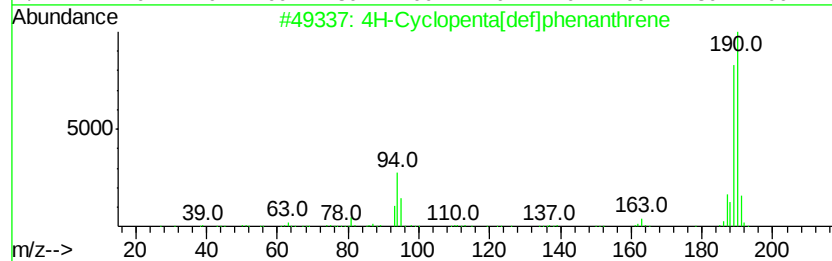
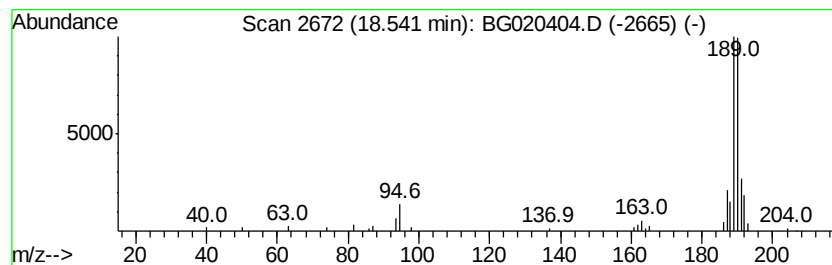
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.54	3.83 ng/ul	59274	Phenanthrene-d10	17.47	
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	81
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	42



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TIC Integration Parameters: LSCINT.P

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.78	5.5	ng/ul	35506	2	10.91	129444	20.0
4H-Cyclopenta[def...	18.54	3.8	ng/ul	59274	4	17.47	309561	20.0