

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121815\
 Data File : BG020254.D
 Acq On : 17 Dec 2015 20:31
 Operator : UM/SJ
 Sample : G4767-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N28DL

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	3.116	43	47	56	rVB3	9899	19151	3.68%	0.373%
2	7.246	743	750	757	rVB	14467	25364	4.87%	0.494%
3	7.416	773	779	786	rVB	11648	20050	3.85%	0.391%
4	7.622	809	814	821	rVB3	14139	23493	4.51%	0.458%
5	8.092	888	894	902	rVB	53915	92432	17.74%	1.801%
6	8.633	982	986	992	rVB2	4814	7541	1.45%	0.147%
7	8.797	1006	1014	1024	rBB2	19390	33438	6.42%	0.651%
8	9.261	1086	1093	1101	rVB	14440	25729	4.94%	0.501%
9	9.990	1210	1217	1225	rBB3	12021	20734	3.98%	0.404%
10	10.525	1301	1308	1318	rBB	19520	33494	6.43%	0.652%
11	10.912	1366	1374	1378	rBV	81882	145871	28.00%	2.842%
12	10.959	1378	1382	1389	rVV	112264	192713	37.00%	3.754%
13	11.042	1391	1396	1410	rVB3	19258	38427	7.38%	0.749%
14	11.747	1512	1516	1521	rVB	1234	1993	0.38%	0.039%
15	12.557	1648	1654	1661	rBV	51146	82876	15.91%	1.614%
16	12.781	1686	1692	1700	rVB	24413	38858	7.46%	0.757%
17	13.562	1817	1825	1830	rBV2	16725	25034	4.81%	0.488%
18	13.756	1853	1858	1865	rBV3	4574	8024	1.54%	0.156%
19	13.885	1874	1880	1881	rBV	6333	7019	1.35%	0.137%
20	14.044	1901	1907	1912	rBV	8686	15151	2.91%	0.295%
21	14.120	1912	1920	1925	rVV	48259	76548	14.70%	1.491%
22	14.167	1925	1928	1934	rVB2	18426	25935	4.98%	0.505%
23	14.285	1943	1948	1953	rBV2	3512	5609	1.08%	0.109%
24	14.420	1965	1971	1980	rBV	47093	79598	15.28%	1.551%
25	14.726	2013	2023	2029	rBV2	147957	235589	45.23%	4.589%
26	14.790	2029	2034	2040	rVV	105385	160440	30.80%	3.125%
27	14.855	2040	2045	2050	rVB	3979	5148	0.99%	0.100%
28	14.914	2050	2055	2067	rBV2	15403	25020	4.80%	0.487%
29	15.037	2072	2076	2081	rVB2	3102	4439	0.85%	0.086%
30	15.119	2084	2090	2098	rBV	69238	106105	20.37%	2.067%
31	15.190	2098	2102	2106	rVB	1419	2003	0.38%	0.039%
32	15.395	2132	2137	2139	rBV3	1391	1813	0.35%	0.035%
33	15.507	2152	2156	2159	rBV2	1272	2059	0.40%	0.040%
34	15.548	2159	2163	2168	rVB2	2474	3228	0.62%	0.063%

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35	15.713	2184	2191	2196	rBV	67567	101873	19.56%	1.985%
36	15.771	2196	2201	2207	rVV	100327	152311	29.24%	2.967%
37	15.824	2207	2210	2214	rVV	8880	12732	2.44%	0.248%
38	15.860	2214	2216	2219	rVV3	2797	4078	0.78%	0.079%
39	15.895	2219	2222	2225	rVV2	4598	7279	1.40%	0.142%
40	15.930	2225	2228	2233	rVV2	9523	14573	2.80%	0.284%
41	15.983	2234	2237	2239	rVV	1900	2453	0.47%	0.048%
42	16.018	2239	2243	2247	rVV2	4257	6822	1.31%	0.133%
43	16.065	2247	2251	2255	rVB	10137	13980	2.68%	0.272%
44	16.206	2271	2275	2283	rVB	11367	22609	4.34%	0.440%
45	16.300	2287	2291	2295	rVB2	1746	2610	0.50%	0.051%
46	16.412	2307	2310	2317	rBV2	2651	4774	0.92%	0.093%
47	16.565	2331	2336	2340	rVB2	4809	7403	1.42%	0.144%
48	16.735	2358	2365	2366	rBV3	2024	3255	0.62%	0.063%
49	16.770	2366	2371	2376	rVV3	7796	13723	2.63%	0.267%
50	16.817	2376	2379	2386	rVB3	2436	3834	0.74%	0.075%
51	16.923	2393	2397	2402	rVB3	2997	3701	0.71%	0.072%
52	16.999	2402	2410	2413	rBV4	2010	4848	0.93%	0.094%
53	17.040	2413	2417	2422	rVV3	2236	3153	0.61%	0.061%
54	17.123	2427	2431	2436	rVV3	1393	2179	0.42%	0.042%
55	17.199	2438	2444	2451	rVV5	3633	8658	1.66%	0.169%
56	17.287	2455	2459	2469	rVB	19598	28231	5.42%	0.550%
57	17.469	2484	2490	2494	rBV	211487	334274	64.17%	6.512%
58	17.511	2494	2497	2503	rVV	355688	520897	100.00%	10.147%
59	17.569	2503	2507	2510	rVV	84209	125757	24.14%	2.450%
60	17.599	2510	2512	2518	rVB	43753	59236	11.37%	1.154%
61	17.869	2551	2558	2564	rVV	28250	40991	7.87%	0.799%
62	17.986	2575	2578	2582	rBV	4230	4500	0.86%	0.088%
63	18.192	2609	2613	2617	rVB2	1410	2140	0.41%	0.042%
64	18.345	2633	2639	2643	rBV2	16479	24321	4.67%	0.474%
65	18.392	2643	2647	2654	rVB	24432	33073	6.35%	0.644%
66	18.474	2654	2661	2666	rBV2	8216	12400	2.38%	0.242%
67	18.545	2666	2673	2677	rBV	36911	61456	11.80%	1.197%
68	18.680	2693	2696	2701	rVB3	1467	2075	0.40%	0.040%
69	18.780	2708	2713	2717	rVB2	1399	1945	0.37%	0.038%
70	18.838	2717	2723	2728	rVV	13660	18478	3.55%	0.360%
71	19.079	2761	2764	2768	rBV4	2243	3213	0.62%	0.063%

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72	19.132	2769	2773	2776	rVB2	1792	2137	0.41%	0.042%
73	19.162	2776	2778	2784	rBV4	1720	2716	0.52%	0.053%
74	19.256	2788	2794	2799	rBV3	4160	7207	1.38%	0.140%
75	19.320	2801	2805	2808	rBV3	2331	3475	0.67%	0.068%
76	19.520	2832	2839	2845	rVV	194395	276068	53.00%	5.378%
77	19.573	2845	2848	2851	rVV2	1562	2135	0.41%	0.042%
78	19.608	2852	2854	2859	rVB4	1874	2204	0.42%	0.043%
79	19.761	2874	2880	2889	rBV3	4366	8410	1.61%	0.164%
80	19.849	2889	2895	2898	rVV2	136364	218007	41.85%	4.247%
81	19.878	2898	2900	2908	rVV	126634	158311	30.39%	3.084%
82	19.943	2908	2911	2918	rVB3	5512	9036	1.73%	0.176%
83	20.055	2925	2930	2934	rVB	6156	9660	1.85%	0.188%
84	20.201	2949	2955	2961	rBV3	6292	15645	3.00%	0.305%
85	20.254	2961	2964	2970	rVB3	3939	5639	1.08%	0.110%
86	20.325	2974	2976	2978	rVV3	2831	3258	0.63%	0.063%
87	20.366	2979	2983	2989	rVB	19927	26799	5.14%	0.522%
88	20.466	2996	3000	3004	rBV	20628	27097	5.20%	0.528%
89	20.525	3004	3010	3014	rVV4	5965	11196	2.15%	0.218%
90	20.560	3014	3016	3020	rVB2	4629	4649	0.89%	0.091%
91	20.666	3032	3034	3037	rVB4	2799	1954	0.38%	0.038%
92	20.895	3070	3073	3075	rBV4	3110	3694	0.71%	0.072%
93	21.324	3142	3146	3149	rBV	4300	5790	1.11%	0.113%
94	21.371	3149	3154	3157	rBV5	8273	12937	2.48%	0.252%
95	21.400	3157	3159	3165	rVB3	3631	6598	1.27%	0.129%
96	21.747	3209	3218	3223	rBV	264168	488944	93.87%	9.525%
97	21.946	3248	3252	3257	rVB4	5523	8361	1.61%	0.163%
98	23.974	3593	3597	3603	rBV3	4184	9100	1.75%	0.177%
99	24.790	3728	3736	3743	rBV	51612	132557	25.45%	2.582%
100	25.019	3765	3775	3788	rVB2	148248	408983	78.52%	7.967%

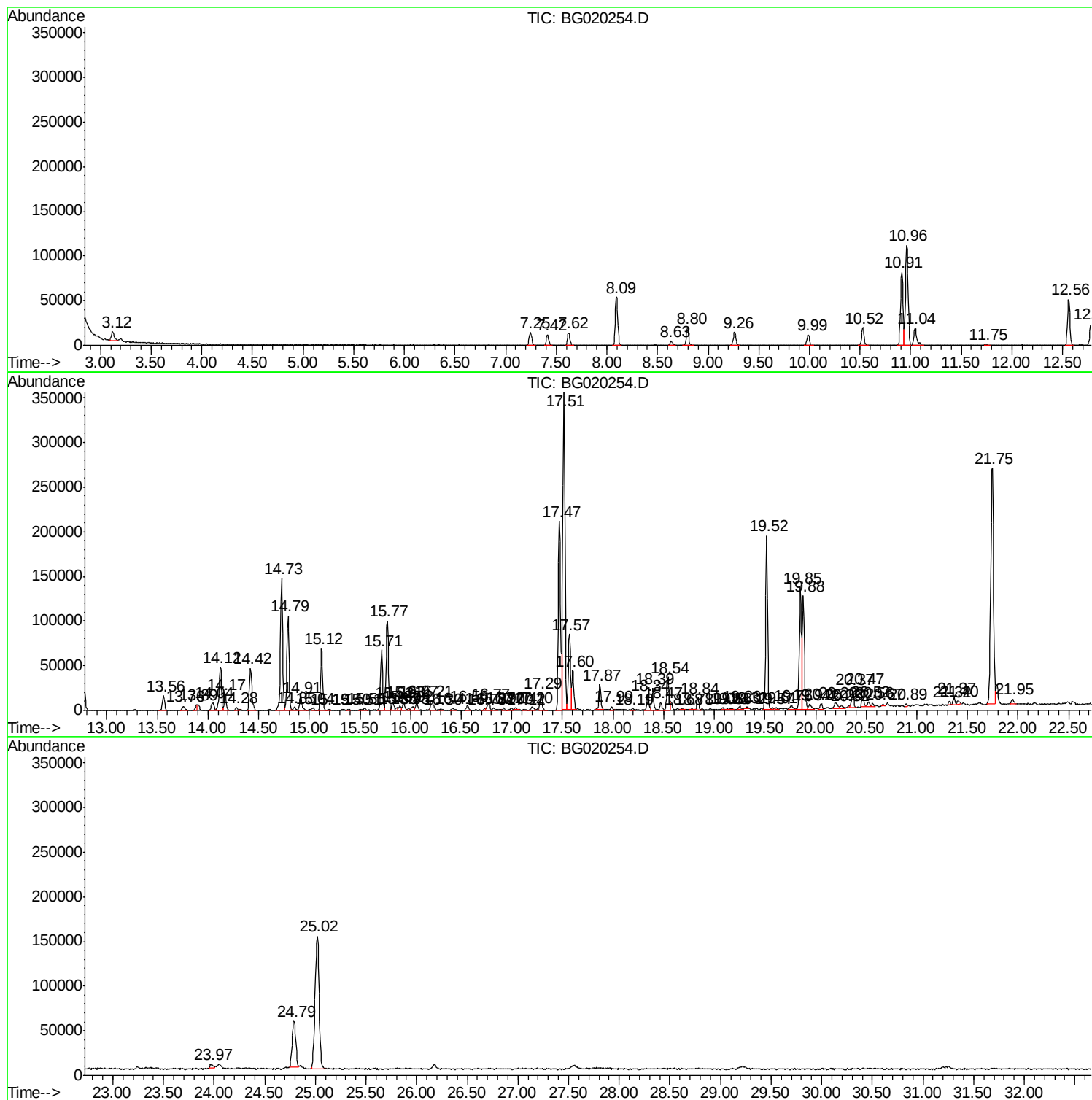
Sum of corrected areas: 5133328

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



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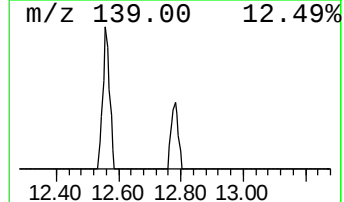
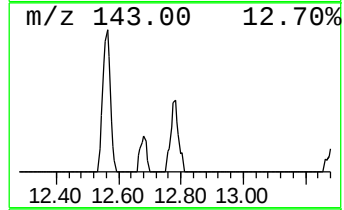
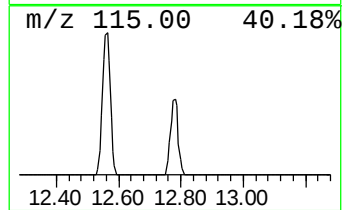
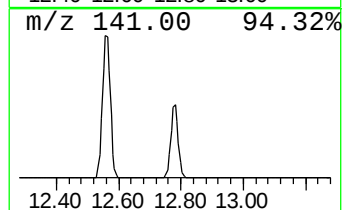
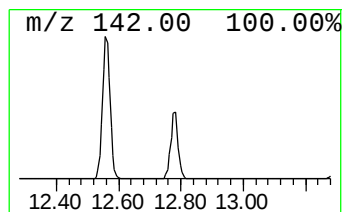
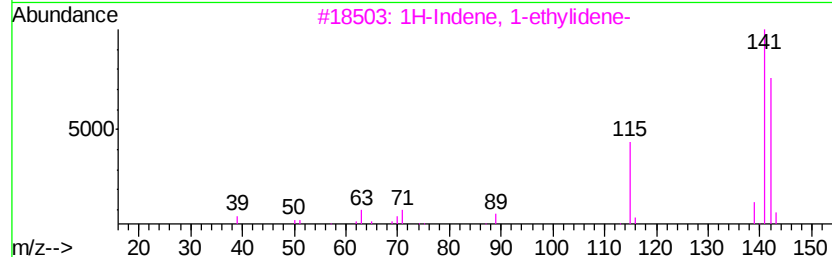
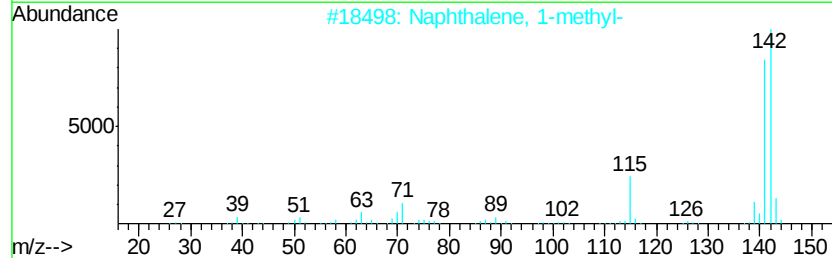
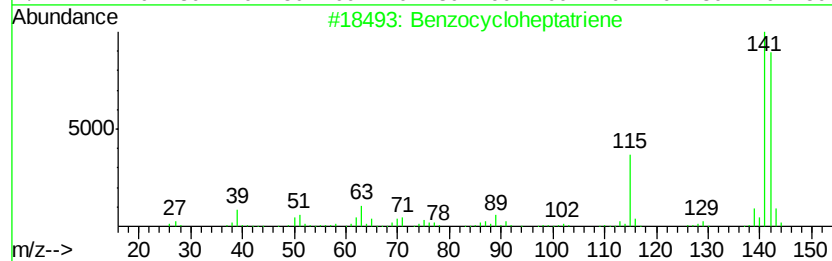
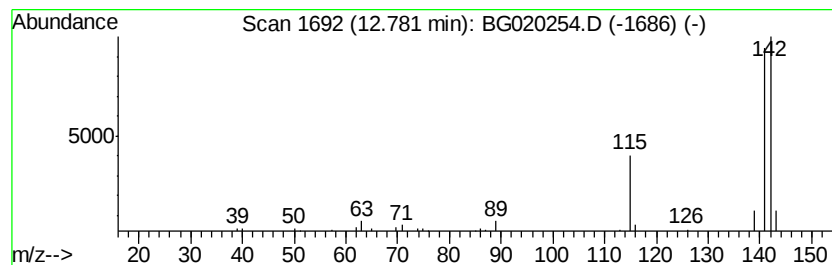
Instrument :
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG121415.M
Quant Title : SVOA CALIBRATION

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	5.33 ng/ul	38858	Naphthalene-d8	10.91	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzocycloheptatriene	142	C11H10	000264-09-5	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91



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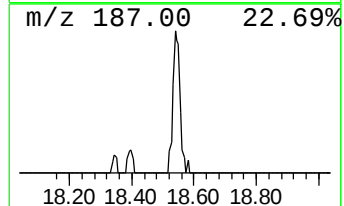
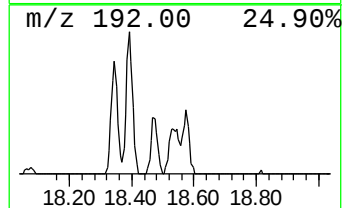
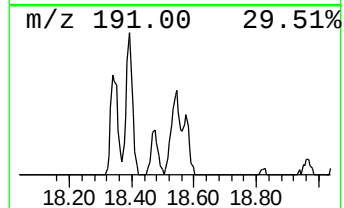
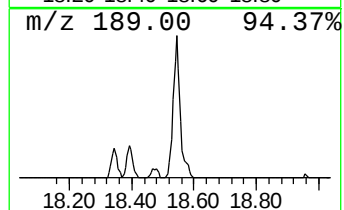
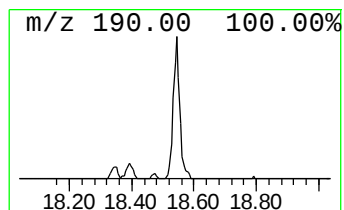
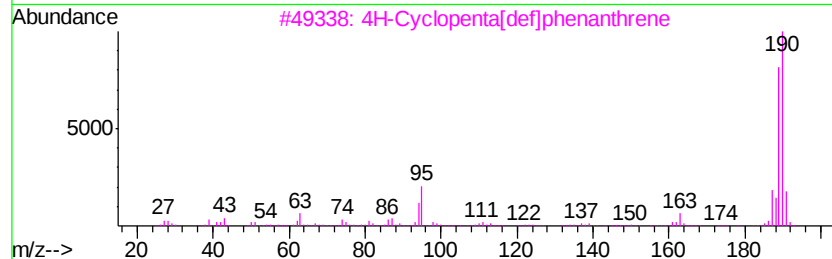
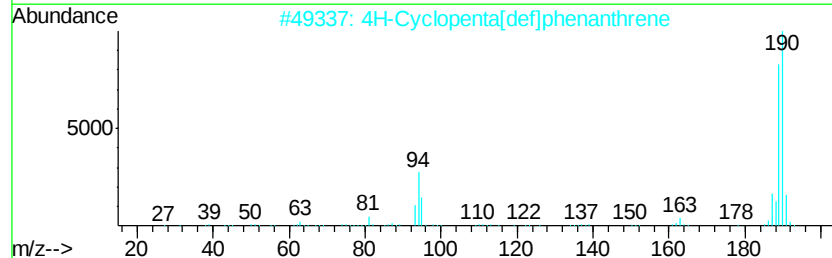
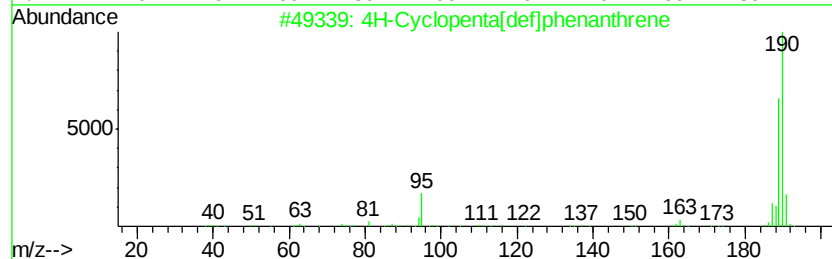
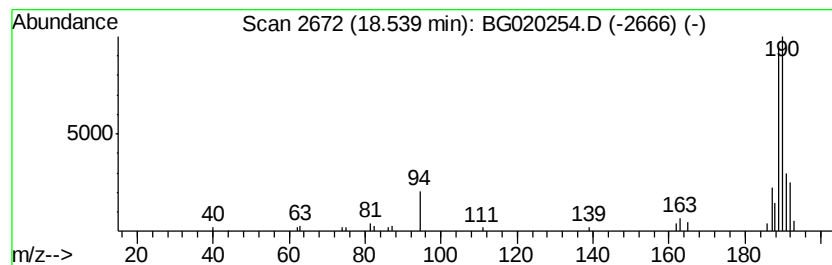
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	3.68 ng/ul	61456	Phenanthrene-d10	17.47

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	81
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5		Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	42



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.78	5.3	ng/ul	38858	2	10.91	145871	20.0
4H-Cyclopenta[def...	18.54	3.7	ng/ul	61456	4	17.47	334274	20.0