

Data Path : Z:\HPCHEM1\BNA G\DATA\BG122515\
 Data File : BG020503.D
 Acq On : 25 Dec 2015 13:50
 Operator : UM/SJ
 Sample : G4848-18DL 5X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 D9N64DL

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-BG122415.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	3.098	39	44	54	rBV2	8546	17085	3.65%	0.395%
2	3.174	54	57	60	rVB3	2155	2651	0.57%	0.061%
3	3.438	101	102	109	rVB4	1171	1803	0.39%	0.042%
4	7.240	743	749	757	rBV2	11480	19909	4.25%	0.461%
5	7.398	771	776	782	rBV	9348	16263	3.47%	0.376%
6	7.610	806	812	819	rBV	12530	20583	4.40%	0.476%
7	8.074	883	891	902	rBB	51726	86968	18.58%	2.013%
8	8.615	980	983	989	rBB	1424	2698	0.58%	0.062%
9	8.785	1006	1012	1025	rBB	15738	28365	6.06%	0.657%
10	9.243	1085	1090	1099	rBV	12790	23616	5.04%	0.547%
11	9.972	1208	1214	1222	rBB2	10081	17209	3.68%	0.398%
12	10.512	1301	1306	1313	rBV	17205	30851	6.59%	0.714%
13	10.894	1364	1371	1375	rBV	79689	138184	29.52%	3.198%
14	10.941	1375	1379	1387	rVV	77838	136654	29.19%	3.163%
15	11.030	1389	1394	1405	rBV3	14694	30939	6.61%	0.716%
16	12.545	1645	1652	1662	rBB	30554	48842	10.43%	1.130%
17	12.763	1681	1689	1696	rBB	14123	23470	5.01%	0.543%
18	13.544	1817	1822	1828	rBB	9373	13814	2.95%	0.320%
19	13.738	1852	1855	1863	rBB	1770	2936	0.63%	0.068%
20	13.891	1873	1881	1885	rBB3	2658	5969	1.27%	0.138%
21	14.026	1900	1904	1910	rBV2	5019	7787	1.66%	0.180%
22	14.108	1910	1918	1922	rVV	50483	74292	15.87%	1.720%
23	14.155	1922	1926	1931	rVB2	21179	30186	6.45%	0.699%
24	14.267	1942	1945	1948	rBV	1391	1978	0.42%	0.046%
25	14.402	1961	1968	1978	rBV	53395	83771	17.89%	1.939%
26	14.708	2010	2020	2026	rBV2	144773	233978	49.98%	5.416%
27	14.772	2026	2031	2038	rVV	71664	106908	22.84%	2.474%
28	14.843	2038	2043	2051	rVB	2862	5133	1.10%	0.119%
29	14.925	2052	2057	2065	rBV	6627	13863	2.96%	0.321%
30	15.107	2081	2088	2097	rBV	44531	68778	14.69%	1.592%
31	15.195	2097	2103	2107	rVB2	1577	2793	0.60%	0.065%
32	15.530	2157	2160	2163	rBB2	1730	1642	0.35%	0.038%
33	15.701	2181	2189	2193	rBV	75331	112047	23.93%	2.593%
34	15.753	2193	2198	2205	rVV2	63567	97184	20.76%	2.249%

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35	15.812	2205	2208	2213	rVV2	13524	19386	4.14%	0.449%
36	15.847	2213	2214	2217	rVV	2291	2509	0.54%	0.058%
37	15.871	2217	2218	2222	rVV3	2882	3863	0.83%	0.089%
38	15.912	2222	2225	2230	rVV2	5382	8224	1.76%	0.190%
39	16.006	2237	2241	2244	rVV2	2443	3627	0.77%	0.084%
40	16.047	2244	2248	2252	rVB	6149	8342	1.78%	0.193%
41	16.194	2267	2273	2281	rBV2	6905	13103	2.80%	0.303%
42	16.547	2330	2333	2341	rVB	3138	4294	0.92%	0.099%
43	16.758	2362	2369	2373	rVB4	4337	8151	1.74%	0.189%
44	16.811	2373	2378	2382	rBV	1273	1897	0.41%	0.044%
45	16.905	2392	2394	2401	rVV2	1901	2083	0.44%	0.048%
46	16.981	2401	2407	2409	rVV2	1464	2567	0.55%	0.059%
47	17.022	2411	2414	2417	rVV2	2189	2797	0.60%	0.065%
48	17.181	2436	2441	2445	rBV2	3427	4938	1.05%	0.114%
49	17.275	2452	2457	2463	rVV2	12253	17633	3.77%	0.408%
50	17.457	2481	2488	2491	rVV	208917	323424	69.08%	7.486%
51	17.498	2491	2495	2500	rVV	240353	346947	74.11%	8.030%
52	17.551	2500	2504	2508	rVV	93034	140966	30.11%	3.263%
53	17.587	2508	2510	2515	rVV2	22611	29615	6.33%	0.685%
54	17.645	2515	2520	2522	rVV2	1257	2304	0.49%	0.053%
55	17.857	2548	2556	2564	rBV	22246	35582	7.60%	0.824%
56	17.968	2571	2575	2579	rVV3	2275	3617	0.77%	0.084%
57	18.039	2582	2587	2591	rVV3	1316	2549	0.54%	0.059%
58	18.180	2608	2611	2615	rVB2	1121	1813	0.39%	0.042%
59	18.327	2632	2636	2640	rBV2	12289	16364	3.50%	0.379%
60	18.380	2640	2645	2650	rVV	16681	23616	5.04%	0.547%
61	18.456	2653	2658	2663	rVB2	5108	7372	1.57%	0.171%
62	18.527	2663	2670	2680	rBV2	25349	48018	10.26%	1.111%
63	18.673	2692	2695	2700	rVB2	1492	1745	0.37%	0.040%
64	18.767	2706	2711	2715	rVB4	1311	2016	0.43%	0.047%
65	18.820	2715	2720	2725	rBV	8724	12346	2.64%	0.286%
66	18.873	2725	2729	2732	rVB2	1452	1721	0.37%	0.040%
67	19.073	2759	2763	2767	rVV4	1543	2052	0.44%	0.047%
68	19.120	2767	2771	2774	rVV2	1247	2061	0.44%	0.048%
69	19.238	2787	2791	2795	rBV3	2053	3437	0.73%	0.080%
70	19.502	2827	2836	2843	rBV	140114	191765	40.96%	4.439%
71	19.549	2843	2844	2850	rVV3	997	1733	0.37%	0.040%

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72	19.725	2871	2874	2875	rBV	1771	1599	0.34%	0.037%
73	19.749	2875	2878	2882	rVB3	3192	4147	0.89%	0.096%
74	19.837	2887	2893	2896	rBV	137068	230382	49.21%	5.332%
75	19.860	2896	2897	2905	rVV	86497	94579	20.20%	2.189%
76	19.931	2907	2909	2912	rVB3	3465	3597	0.77%	0.083%
77	20.042	2924	2928	2933	rVB2	4876	7289	1.56%	0.169%
78	20.189	2946	2953	2958	rBV5	3944	9046	1.93%	0.209%
79	20.242	2958	2962	2966	rBV	2753	3557	0.76%	0.082%
80	20.354	2974	2981	2985	rVB	13065	17637	3.77%	0.408%
81	20.454	2993	2998	3001	rBV	13852	18998	4.06%	0.440%
82	20.542	3011	3013	3016	rVB3	1974	1997	0.43%	0.046%
83	20.595	3020	3022	3027	rVB2	1645	1596	0.34%	0.037%
84	20.648	3027	3031	3034	rBB4	1791	2313	0.49%	0.054%
85	20.701	3035	3040	3042	rBV3	2618	4085	0.87%	0.095%
86	20.730	3042	3045	3050	rVB6	3732	3997	0.85%	0.093%
87	21.024	3093	3095	3097	rBV3	1528	1637	0.35%	0.038%
88	21.300	3140	3142	3147	rBV3	2543	3557	0.76%	0.082%
89	21.347	3147	3150	3155	rVB6	3366	5049	1.08%	0.117%
90	21.729	3206	3215	3220	rBV	266660	468172	100.00%	10.836%
91	21.770	3220	3222	3232	rVB	15644	22830	4.88%	0.528%
92	22.404	3327	3330	3331	rBV4	1616	1618	0.35%	0.037%
93	23.156	3456	3458	3461	rBV4	1895	2758	0.59%	0.064%
94	23.726	3553	3555	3558	rBV4	1608	1622	0.35%	0.038%
95	24.760	3721	3731	3741	rBV2	58273	158285	33.81%	3.664%
96	24.990	3759	3770	3782	rVB2	145997	412931	88.20%	9.558%
97	25.072	3782	3784	3789	rBV5	1811	2267	0.48%	0.052%
98	26.100	3952	3959	3964	rBV7	5640	13359	2.85%	0.309%
99	26.793	4075	4077	4078	rBV2	2298	2096	0.45%	0.049%
100	27.463	4187	4191	4192	rBV4	4862	5770	1.23%	0.134%

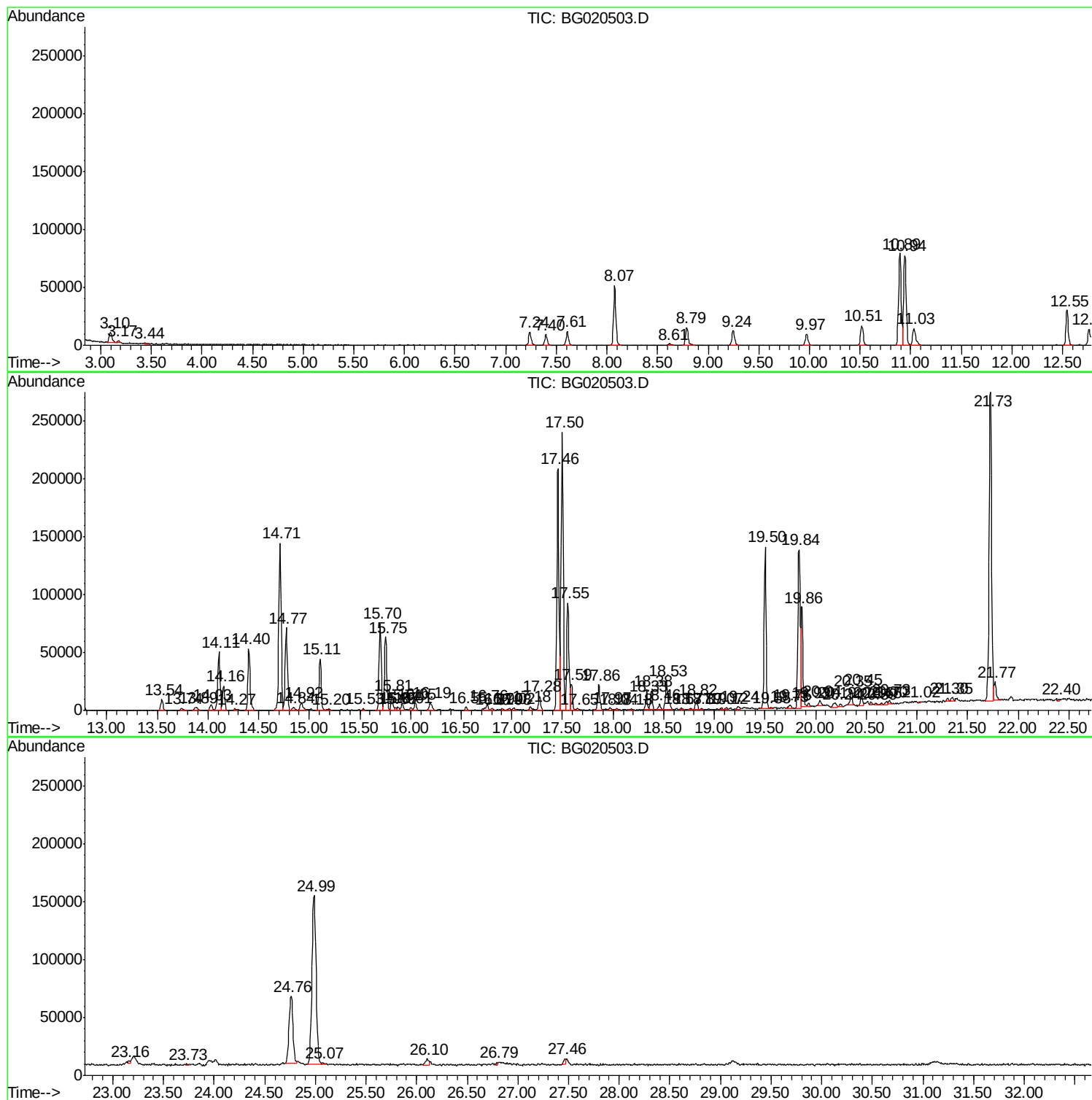
Sum of corrected areas: 4320396

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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



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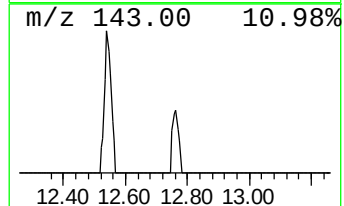
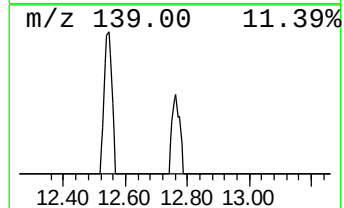
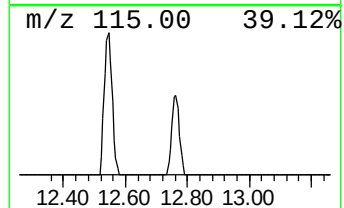
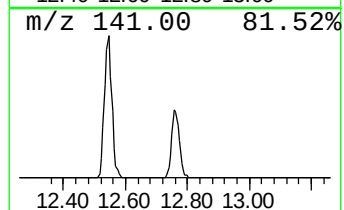
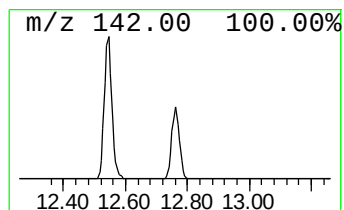
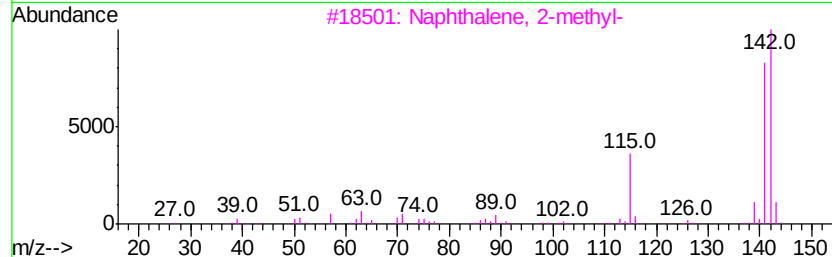
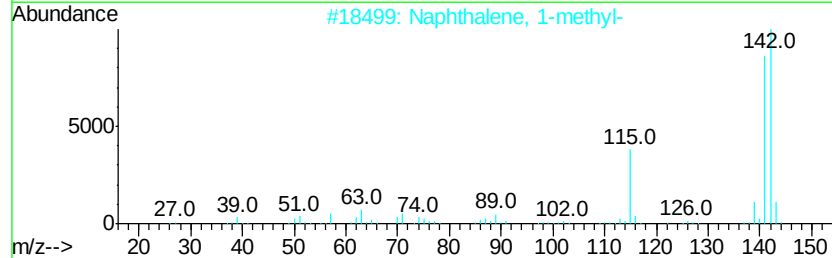
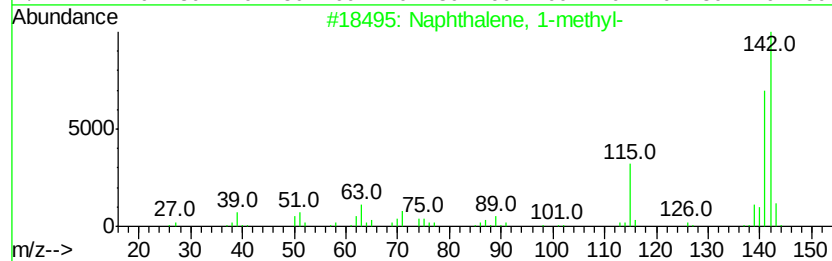
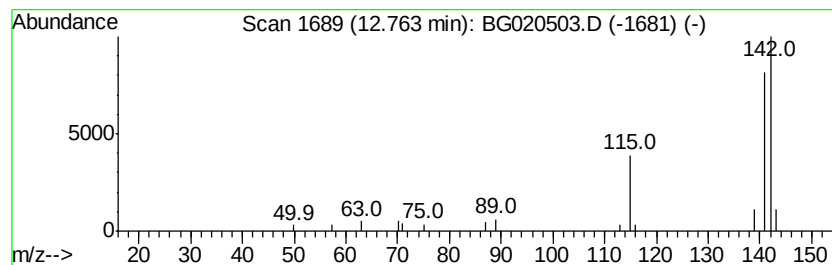
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG122415.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.76	3.40 ng/ul	23470	Naphthalene-d8	10.89

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



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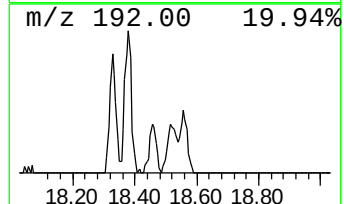
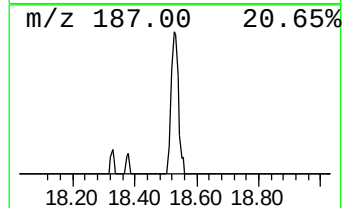
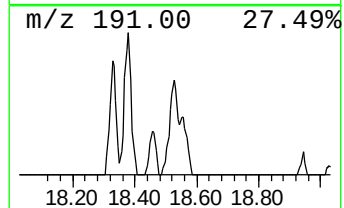
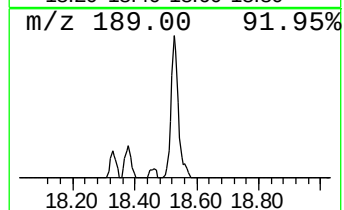
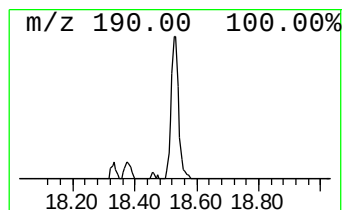
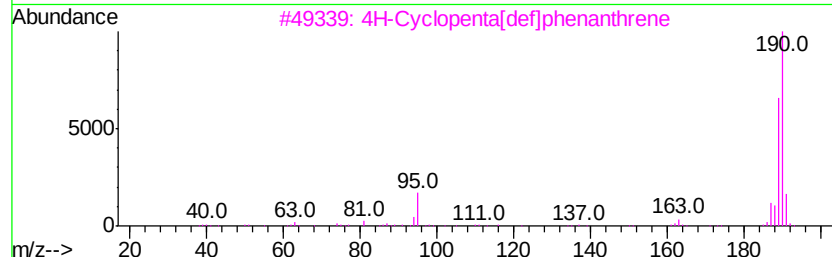
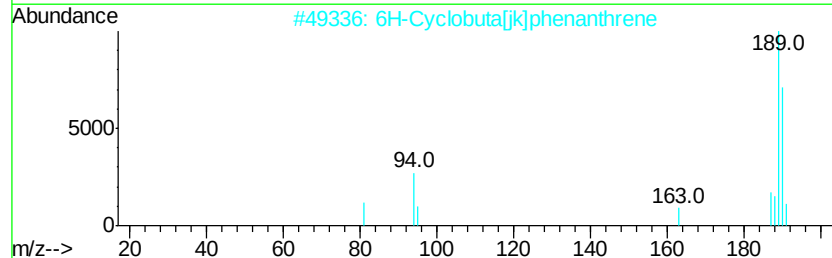
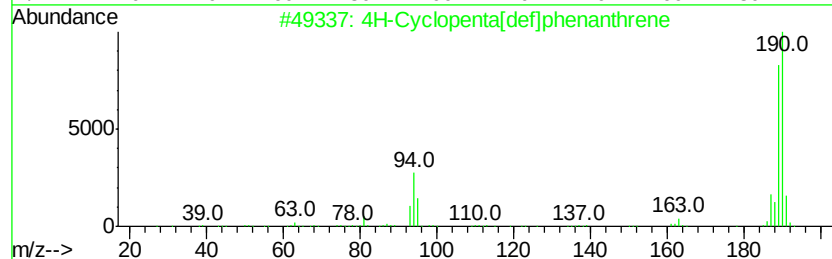
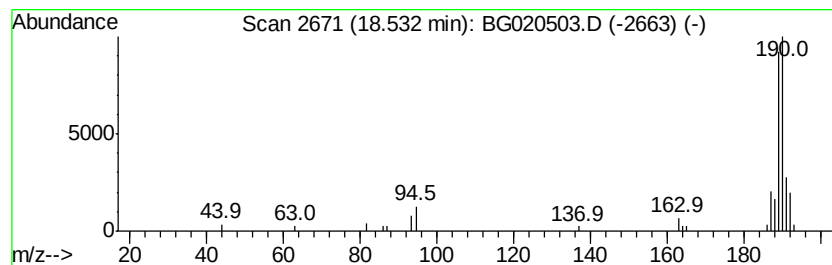
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.53	2.97 ng/ul	48018	Phenanthrene-d10	17.46

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2		6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	49
4		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42



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TIC Top Hit name	RT	EstConc	Units	Response	---Internal Standard---			
					#	RT	Resp	Conc
Naphthalene, 1-me...	12.76	3.4	ng/ul	23470	2	10.89	138184	20.0
4H-Cyclopenta[def...	18.53	3.0	ng/ul	48018	4	17.46	323424	20.0