

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019491.D
 Acq On : 5 Nov 2015 14:11
 Operator : UM/NP
 Sample : G4273-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP0

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-BG102815.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	2.897	7	10	15	rVB5	9386	12005	0.84%	0.075%
2	2.979	20	24	28	rVB2	6531	8615	0.60%	0.054%
3	3.043	33	35	40	rVB4	2417	3098	0.22%	0.019%
4	3.132	43	50	58	rBV2	87217	183853	12.87%	1.153%
5	3.208	58	63	78	rVB	599248	884572	61.90%	5.547%
6	3.484	107	110	115	rVB4	5760	8711	0.61%	0.055%
7	3.931	184	186	190	rBV3	2123	3322	0.23%	0.021%
8	4.036	201	204	210	rVB2	5111	7061	0.49%	0.044%
9	4.166	223	226	229	rBV3	2202	2653	0.19%	0.017%
10	4.266	239	243	245	rBV3	1692	2713	0.19%	0.017%
11	4.501	281	283	288	rVB3	3498	3442	0.24%	0.022%
12	5.129	387	390	394	rBV3	2224	2787	0.20%	0.017%
13	5.229	400	407	410	rBV3	5323	9318	0.65%	0.058%
14	5.705	485	488	491	rBV2	2699	2839	0.20%	0.018%
15	7.327	757	764	774	rVB	115082	199993	13.99%	1.254%
16	7.491	782	792	800	rBV	85269	140198	9.81%	0.879%
17	7.709	822	829	836	rBV2	105324	181823	12.72%	1.140%
18	8.179	903	909	916	rVB2	150431	259747	18.18%	1.629%
19	8.778	1009	1011	1017	rBV3	2050	2583	0.18%	0.016%
20	8.884	1023	1029	1039	rVB	139193	238008	16.66%	1.493%
21	9.348	1101	1108	1116	rBV	118756	206191	14.43%	1.293%
22	9.741	1171	1175	1178	rVB2	3925	5846	0.41%	0.037%
23	10.076	1225	1232	1241	rBV2	108191	194758	13.63%	1.221%
24	10.623	1318	1325	1332	rBV	151479	271260	18.98%	1.701%
25	10.764	1348	1349	1356	rVB3	1553	2439	0.17%	0.015%
26	11.011	1384	1391	1397	rVV	219792	397888	27.84%	2.495%
27	11.063	1397	1400	1401	rVV2	3789	3910	0.27%	0.025%
28	11.134	1404	1412	1420	rBV	129812	240944	16.86%	1.511%
29	12.573	1653	1657	1665	rVB5	3114	6811	0.48%	0.043%
30	12.656	1665	1671	1674	rBV3	6926	11858	0.83%	0.074%
31	12.867	1702	1707	1712	rBV3	9947	15283	1.07%	0.096%
32	13.167	1754	1758	1762	rVB3	6134	7419	0.52%	0.047%
33	13.414	1794	1800	1803	rBV4	8750	12840	0.90%	0.081%
34	13.684	1844	1846	1850	rVB	2560	2715	0.19%	0.017%

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35	13.972	1890	1895	1896	rBV	4560	5571	0.39%	0.035%
36	14.136	1916	1923	1927	rBV4	9440	16551	1.16%	0.104%
37	14.201	1927	1934	1939	rVV	320136	482981	33.80%	3.029%
38	14.248	1939	1942	1950	rVB	160458	210501	14.73%	1.320%
39	14.360	1958	1961	1965	rBV3	5823	8127	0.57%	0.051%
40	14.401	1966	1968	1971	rVB2	3614	3237	0.23%	0.020%
41	14.506	1979	1986	1996	rBV	311325	494481	34.60%	3.101%
42	14.671	2012	2014	2021	rVB4	3236	5058	0.35%	0.032%
43	14.812	2027	2038	2043	rBV2	394634	643927	45.06%	4.038%
44	14.871	2043	2048	2056	rVB2	87819	140296	9.82%	0.880%
45	14.994	2063	2069	2079	rBV	160103	262402	18.36%	1.645%
46	15.118	2086	2090	2096	rVB7	5941	10071	0.70%	0.063%
47	15.206	2098	2105	2109	rVV	47454	75463	5.28%	0.473%
48	15.270	2114	2116	2118	rBV	5543	5681	0.40%	0.036%
49	15.417	2134	2141	2145	rBV6	6517	14516	1.02%	0.091%
50	15.464	2145	2149	2155	rVB2	5512	8343	0.58%	0.052%
51	15.517	2155	2158	2161	rBV3	1982	2715	0.19%	0.017%
52	15.582	2163	2169	2172	rBV3	10510	16401	1.15%	0.103%
53	15.623	2173	2176	2181	rVB3	14772	21186	1.48%	0.133%
54	15.682	2181	2186	2189	rBV5	4718	8777	0.61%	0.055%
55	15.793	2199	2205	2210	rBV	427207	655535	45.87%	4.111%
56	15.852	2210	2215	2219	rVB	113200	163105	11.41%	1.023%
57	15.905	2219	2224	2229	rBV	171961	237523	16.62%	1.489%
58	16.011	2239	2242	2251	rVB8	16033	32942	2.31%	0.207%
59	16.093	2254	2256	2260	rVV5	7723	12675	0.89%	0.079%
60	16.140	2260	2264	2269	rVB2	25242	38346	2.68%	0.240%
61	16.246	2279	2282	2283	rBV3	3955	3442	0.24%	0.022%
62	16.287	2283	2289	2297	rVB3	29546	60204	4.21%	0.378%
63	16.487	2320	2323	2331	rVV5	26233	55186	3.86%	0.346%
64	16.563	2334	2336	2339	rVB4	3525	3287	0.23%	0.021%
65	16.639	2345	2349	2354	rBV6	12584	21345	1.49%	0.134%
66	16.845	2375	2384	2389	rBV4	23454	52885	3.70%	0.332%
67	16.898	2391	2393	2397	rVB4	9468	9670	0.68%	0.061%
68	16.998	2406	2410	2416	rVB5	12938	19470	1.36%	0.122%
69	17.074	2420	2423	2427	rVV5	9938	12117	0.85%	0.076%
70	17.197	2442	2444	2451	rVB6	8129	11008	0.77%	0.069%
71	17.274	2453	2457	2463	rBV7	24230	42768	2.99%	0.268%

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72	17.362	2470	2472	2479	rVB	23612	35218	2.46%	0.221%
73	17.550	2497	2504	2508	rBV	612708	929452	65.04%	5.828%
74	17.591	2508	2511	2516	rVV	242409	344299	24.09%	2.159%
75	17.650	2516	2521	2524	rVV	513707	796432	55.73%	4.994%
76	17.679	2524	2526	2533	rVB	184138	249143	17.43%	1.562%
77	17.814	2547	2549	2554	rVB6	7189	9700	0.68%	0.061%
78	17.944	2568	2571	2576	rBV2	19056	27861	1.95%	0.175%
79	18.061	2589	2591	2596	rVB4	9598	11677	0.82%	0.073%
80	18.337	2636	2638	2643	rBV6	5569	9306	0.65%	0.058%
81	18.414	2648	2651	2656	rVV3	42489	68661	4.80%	0.431%
82	18.467	2656	2660	2668	rVV2	53101	82693	5.79%	0.519%
83	18.549	2671	2674	2678	rVV2	36497	50117	3.51%	0.314%
84	18.619	2681	2686	2696	rVB2	83188	170336	11.92%	1.068%
85	18.907	2732	2735	2740	rVB	32530	44461	3.11%	0.279%
86	19.319	2802	2805	2811	rBV2	20418	29084	2.04%	0.182%
87	19.589	2845	2851	2857	rVB	388578	542011	37.93%	3.399%
88	19.636	2857	2859	2864	rBV5	8651	10335	0.72%	0.065%
89	19.736	2871	2876	2883	rBV	26783	51793	3.62%	0.325%
90	19.924	2902	2908	2911	rBV	709879	1117185	78.18%	7.006%
91	20.018	2920	2924	2931	rVB5	22271	37571	2.63%	0.236%
92	20.123	2939	2942	2946	rVB	27354	36929	2.58%	0.232%
93	20.435	2991	2995	3001	rVB	84244	122162	8.55%	0.766%
94	20.535	3007	3012	3016	rBV	93441	129157	9.04%	0.810%
95	21.440	3162	3166	3171	rVB3	35324	51016	3.57%	0.320%
96	21.692	3205	3209	3213	rVB3	36324	55655	3.89%	0.349%
97	21.827	3224	3232	3237	rBV2	764234	1429043	100.00%	8.961%
98	24.101	3612	3619	3627	rBV3	49401	164245	11.49%	1.030%
99	24.941	3754	3762	3770	rBV2	311070	833246	58.31%	5.225%
100	25.176	3793	3802	3812	rVB2	391848	1102661	77.16%	6.915%

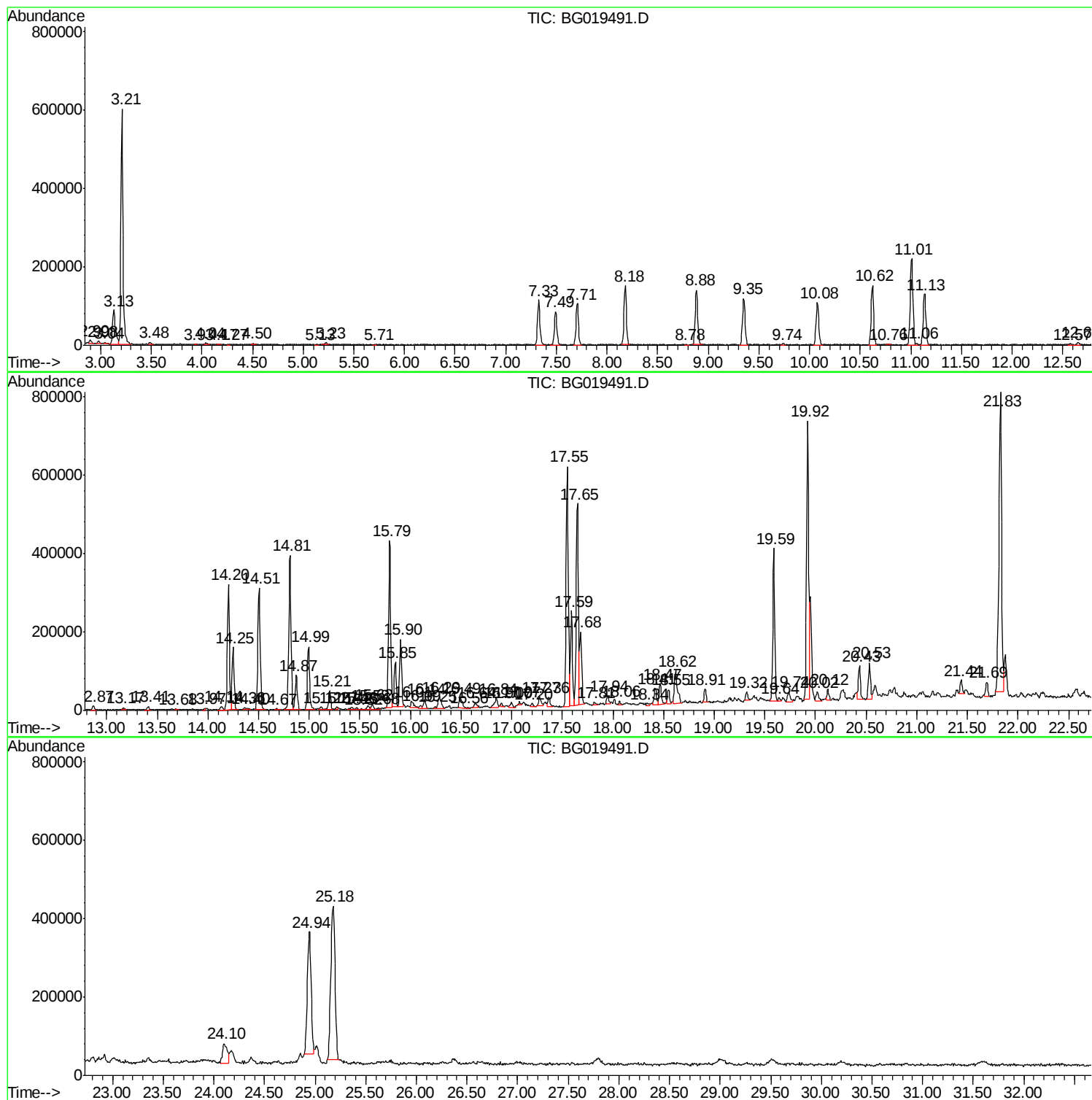
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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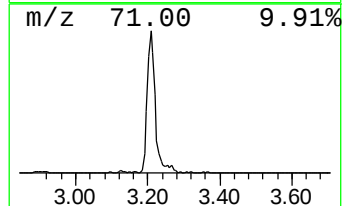
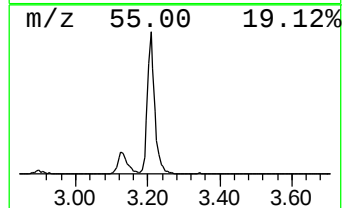
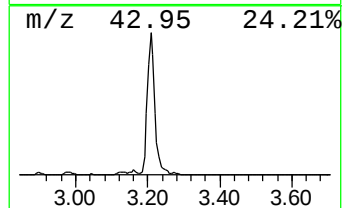
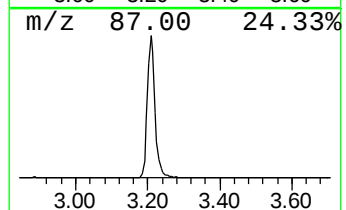
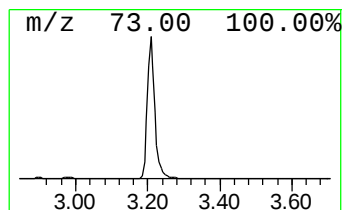
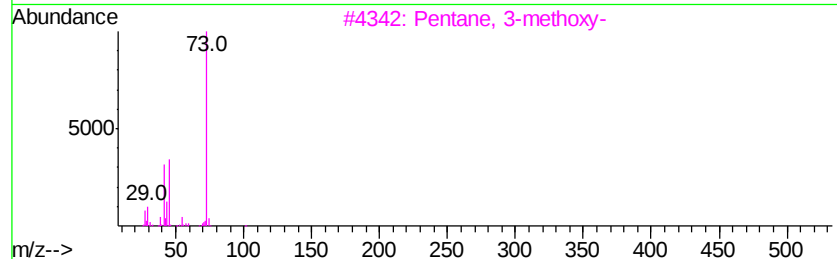
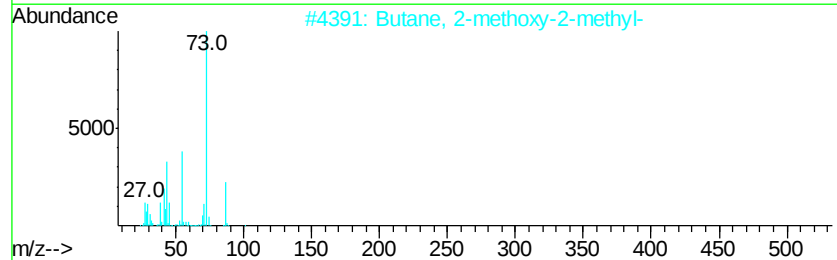
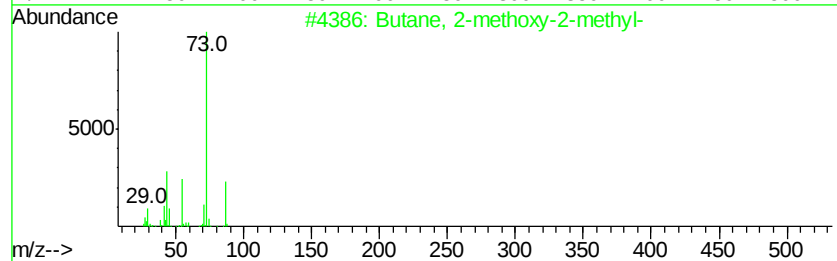
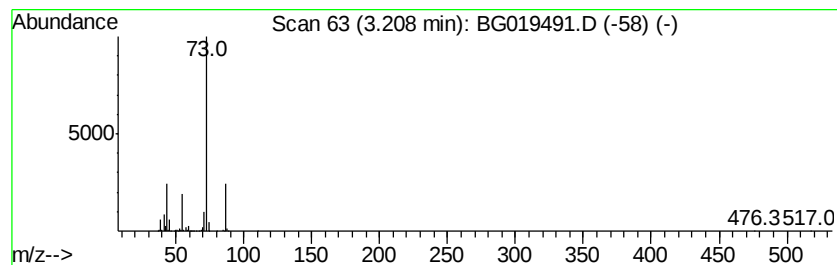
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.21	68.11 ng/ul	884572	1,4-Dichlorobenzene-d4	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	50
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	43
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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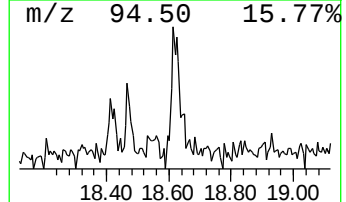
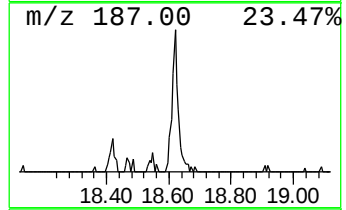
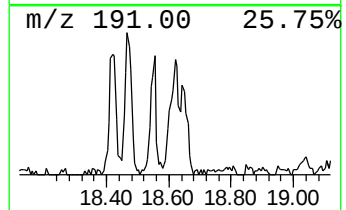
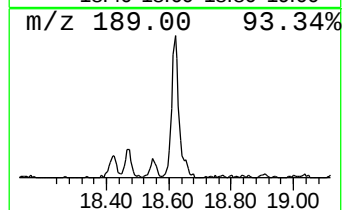
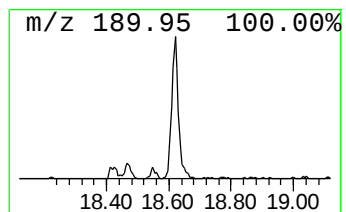
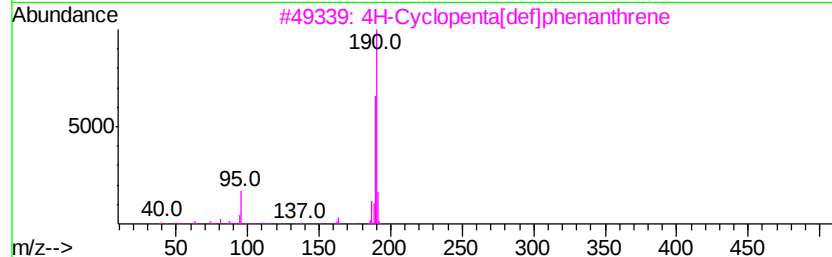
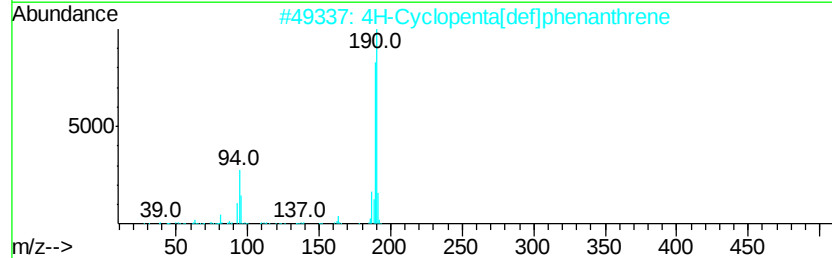
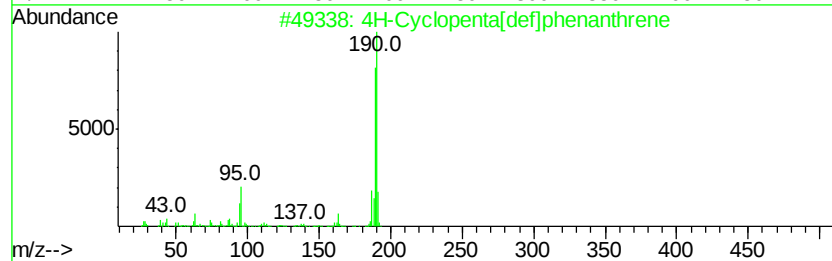
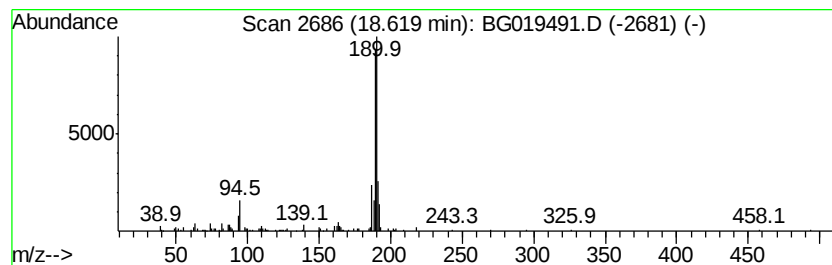
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.62	3.67 ng/ul	170336	Phenanthrene-d10	17.55

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	72
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
4		2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	53
5		Pyrimidine, 6-oxo-4-(3-fluorophe...	190	C10H7FN2O	085979-55-1	42



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.21	68.1	ng/ul	884572	1	8.18	259747	20.0
4H-Cyclopenta[def...	18.62	3.7	ng/ul	170336	4	17.55	929452	20.0