

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110515\
 Data File : BG019498.D
 Acq On : 5 Nov 2015 18:40
 Operator : UM/NP
 Sample : G4273-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP8

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	2.894	6	9	13	rVB2	12328	17076	1.18%	0.108%
2	3.129	43	49	57	rBV2	94347	189022	13.08%	1.198%
3	3.205	57	62	78	rVB	665243	995895	68.91%	6.314%
4	3.487	106	110	114	rVB4	5386	7885	0.55%	0.050%
5	4.034	199	203	208	rVB3	7670	12136	0.84%	0.077%
6	5.215	400	404	411	rBV4	7889	15435	1.07%	0.098%
7	5.397	431	435	442	rBV3	1233	3251	0.22%	0.021%
8	7.324	756	763	773	rBV2	115085	200130	13.85%	1.269%
9	7.489	786	791	799	rVB	85310	144133	9.97%	0.914%
10	7.706	821	828	834	rBV2	102341	179151	12.40%	1.136%
11	8.182	901	909	915	rBV	163847	274118	18.97%	1.738%
12	8.881	1020	1028	1035	rVB	130820	227494	15.74%	1.442%
13	9.093	1061	1064	1071	rBV5	2049	3882	0.27%	0.025%
14	9.351	1100	1108	1114	rBV	122442	214799	14.86%	1.362%
15	9.739	1170	1174	1181	rVB3	2870	5442	0.38%	0.035%
16	10.080	1223	1232	1240	rVB2	108259	197120	13.64%	1.250%
17	10.620	1317	1324	1332	rBV	157790	277106	19.17%	1.757%
18	11.008	1382	1390	1396	rBV	232962	408199	28.24%	2.588%
19	11.061	1397	1399	1403	rVB2	7676	7112	0.49%	0.045%
20	11.137	1405	1412	1419	rVB2	128482	226043	15.64%	1.433%
21	12.577	1651	1657	1661	rVB7	2633	5488	0.38%	0.035%
22	12.647	1663	1669	1676	rVB2	26571	42436	2.94%	0.269%
23	12.870	1700	1707	1712	rVB	19461	31754	2.20%	0.201%
24	13.164	1753	1757	1761	rBV3	4760	5952	0.41%	0.038%
25	13.411	1793	1799	1804	rBV3	6857	11393	0.79%	0.072%
26	13.640	1836	1838	1843	rVB3	4319	5078	0.35%	0.032%
27	13.846	1868	1873	1879	rBV3	5759	9871	0.68%	0.063%
28	13.975	1889	1895	1897	rBV3	9415	14356	0.99%	0.091%
29	14.128	1916	1921	1927	rBV3	14183	25618	1.77%	0.162%
30	14.204	1927	1934	1938	rVV	319515	484555	33.53%	3.072%
31	14.245	1938	1941	1947	rVB	150837	209041	14.46%	1.325%
32	14.369	1957	1962	1964	rBV3	6639	9577	0.66%	0.061%
33	14.398	1964	1967	1970	rVV3	3339	4573	0.32%	0.029%
34	14.422	1970	1971	1976	rVB3	2687	3039	0.21%	0.019%

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35	14.504	1976	1985	1995	rBV	328328	503912	34.87%	3.195%
36	14.809	2025	2037	2043	rBV2	421297	679961	47.05%	4.311%
37	14.874	2043	2048	2054	rVB	84447	136845	9.47%	0.868%
38	14.992	2062	2068	2074	rBV	165293	255090	17.65%	1.617%
39	15.115	2085	2089	2092	rBV2	6413	7504	0.52%	0.048%
40	15.203	2097	2104	2111	rVB2	62755	106020	7.34%	0.672%
41	15.279	2111	2117	2121	rBV5	6225	9557	0.66%	0.061%
42	15.420	2136	2141	2145	rVB2	5832	9466	0.65%	0.060%
43	15.467	2145	2149	2153	rBV3	5566	8590	0.59%	0.054%
44	15.585	2163	2169	2171	rBV5	6520	12734	0.88%	0.081%
45	15.626	2173	2176	2181	rVB4	12431	15783	1.09%	0.100%
46	15.796	2194	2205	2210	rBV	450402	700128	48.44%	4.439%
47	15.849	2210	2214	2218	rVV	102207	145872	10.09%	0.925%
48	15.902	2218	2223	2229	rVB	158494	225092	15.57%	1.427%
49	16.008	2237	2241	2248	rBV7	14547	29737	2.06%	0.189%
50	16.096	2253	2256	2259	rVV4	7280	10802	0.75%	0.068%
51	16.143	2259	2264	2269	rVB	20488	32306	2.24%	0.205%
52	16.249	2278	2282	2283	rBV3	3377	3973	0.27%	0.025%
53	16.290	2284	2289	2295	rVB4	19970	45735	3.16%	0.290%
54	16.372	2302	2303	2305	rBV2	3393	3098	0.21%	0.020%
55	16.490	2317	2323	2324	rBV3	20269	28338	1.96%	0.180%
56	16.601	2338	2342	2344	rBV4	2126	2999	0.21%	0.019%
57	16.648	2344	2350	2352	rBV3	9984	16768	1.16%	0.106%
58	16.725	2361	2363	2365	rBV3	4714	3389	0.23%	0.021%
59	16.819	2376	2379	2380	rBV3	6321	6083	0.42%	0.039%
60	16.842	2380	2383	2389	rVV6	16297	27795	1.92%	0.176%
61	16.895	2389	2392	2398	rVB6	6574	9941	0.69%	0.063%
62	16.995	2407	2409	2414	rVB4	7630	10826	0.75%	0.069%
63	17.071	2414	2422	2427	rBV7	18242	34635	2.40%	0.220%
64	17.201	2440	2444	2446	rBV4	5157	6010	0.42%	0.038%
65	17.248	2450	2452	2453	rBV	4211	3429	0.24%	0.022%
66	17.277	2453	2457	2463	rVV6	20726	38024	2.63%	0.241%
67	17.330	2463	2466	2469	rVV4	12528	19050	1.32%	0.121%
68	17.365	2469	2472	2480	rVB2	23399	35821	2.48%	0.227%
69	17.547	2495	2503	2507	rBV	612608	953671	65.98%	6.046%
70	17.588	2507	2510	2515	rVB	310558	438065	30.31%	2.777%
71	17.647	2515	2520	2524	rBV2	516416	763491	52.83%	4.841%

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72	17.806	2545	2547	2548	rBV2	4420	3059	0.21%	0.019%
73	17.947	2568	2571	2575	rVB	13159	14261	0.99%	0.090%
74	18.017	2579	2583	2586	rVB4	7238	8749	0.61%	0.055%
75	18.270	2624	2626	2628	rBV3	3892	4217	0.29%	0.027%
76	18.417	2646	2651	2655	rVV4	41280	66728	4.62%	0.423%
77	18.470	2656	2660	2666	rVB2	43779	66466	4.60%	0.421%
78	18.552	2670	2674	2679	rVB2	20396	29605	2.05%	0.188%
79	18.617	2679	2685	2689	rBV2	65302	116864	8.09%	0.741%
80	18.705	2698	2700	2702	rBV2	3948	3116	0.22%	0.020%
81	18.758	2706	2709	2713	rBV6	5658	9634	0.67%	0.061%
82	18.910	2731	2735	2739	rVB	31294	40423	2.80%	0.256%
83	19.151	2774	2776	2781	rVB6	11214	9092	0.63%	0.058%
84	19.322	2802	2805	2810	rVB5	15358	22595	1.56%	0.143%
85	19.375	2812	2814	2815	rBV2	7833	5994	0.41%	0.038%
86	19.586	2844	2850	2857	rVB	321945	457426	31.65%	2.900%
87	19.680	2864	2866	2871	rVB5	10112	10907	0.75%	0.069%
88	19.733	2872	2875	2880	rVB2	20914	28496	1.97%	0.181%
89	19.815	2885	2889	2891	rBV2	12544	16162	1.12%	0.102%
90	19.921	2901	2907	2911	rBV2	712301	1161250	80.35%	7.362%
91	20.015	2919	2923	2931	rVB5	19982	39657	2.74%	0.251%
92	20.121	2938	2941	2947	rVB	22571	27367	1.89%	0.174%
93	20.403	2984	2989	2990	rBV5	15962	23039	1.59%	0.146%
94	20.432	2991	2994	2999	rVB	63839	93981	6.50%	0.596%
95	20.532	3007	3011	3016	rBV	68769	98132	6.79%	0.622%
96	21.437	3161	3165	3169	rBV5	37417	58159	4.02%	0.369%
97	21.690	3205	3208	3214	rVB3	31183	40408	2.80%	0.256%
98	21.825	3223	3231	3237	rBV	762932	1445301	100.00%	9.163%
99	24.939	3753	3761	3770	rBV2	315854	879147	60.83%	5.574%
100	25.180	3792	3802	3815	rVB	408299	1183887	81.91%	7.506%

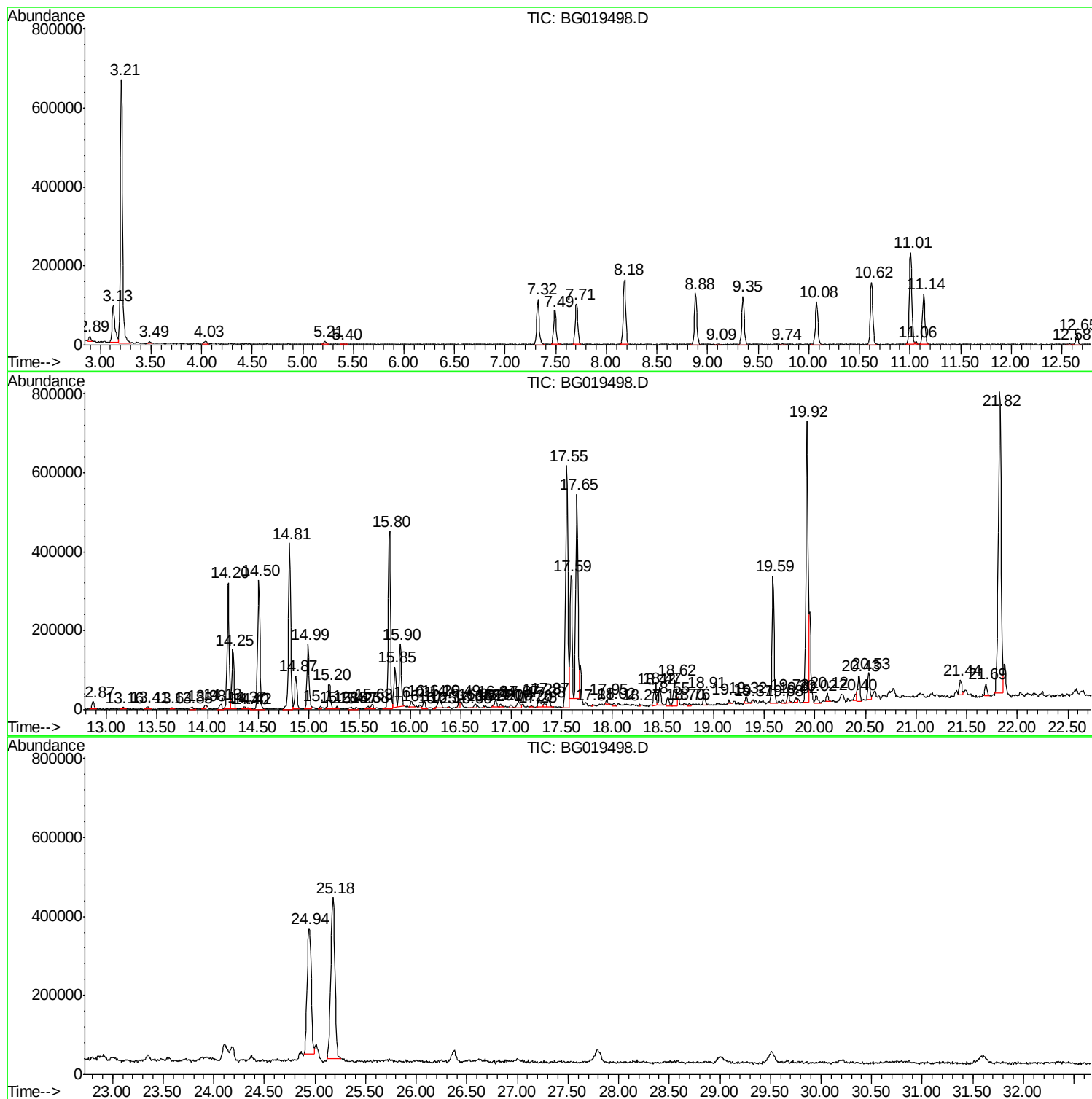
Sum of corrected areas: 15772822

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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



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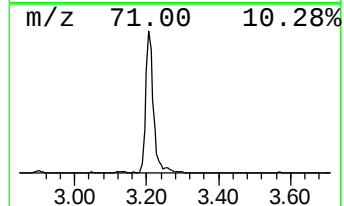
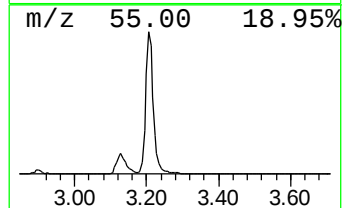
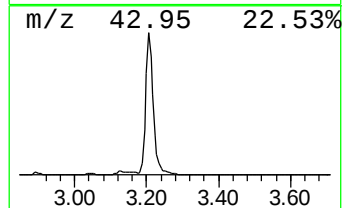
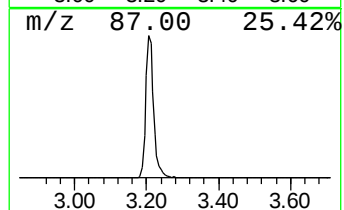
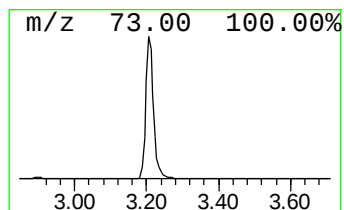
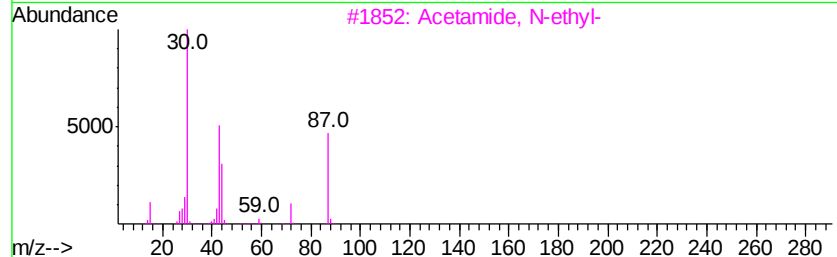
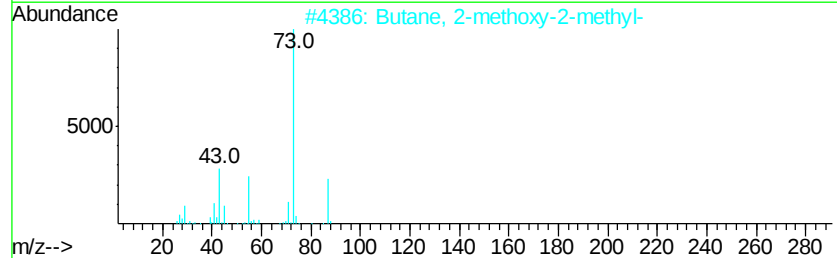
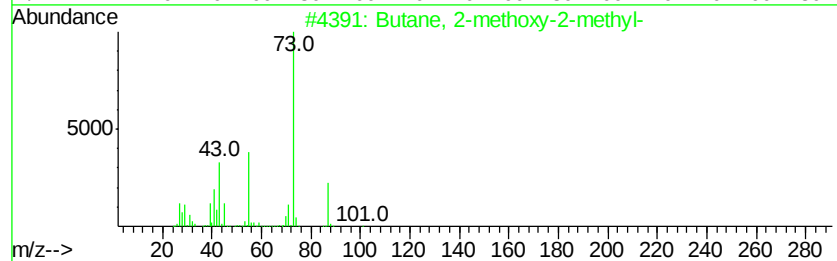
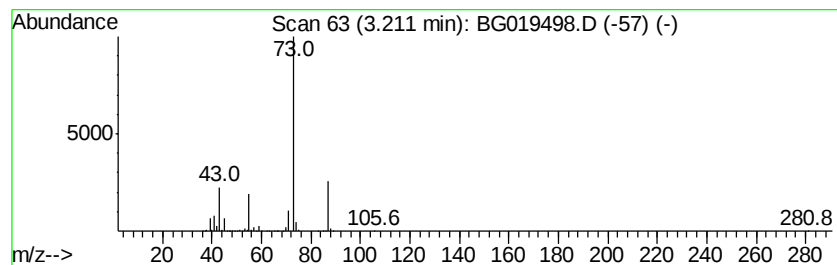
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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	72.66 ng/ul	995895	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	64
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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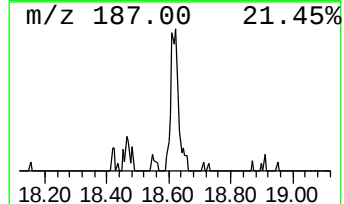
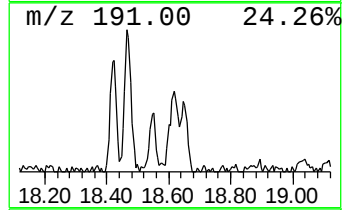
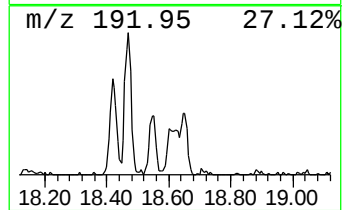
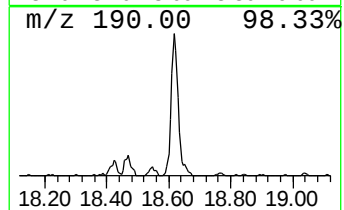
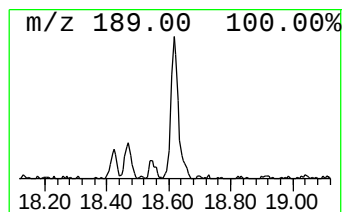
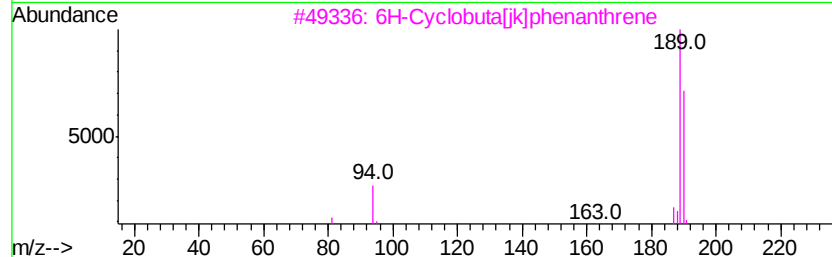
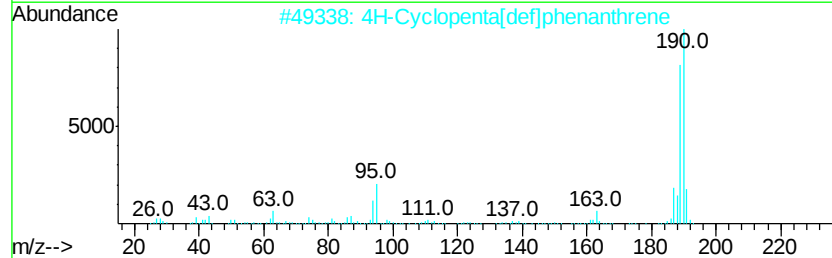
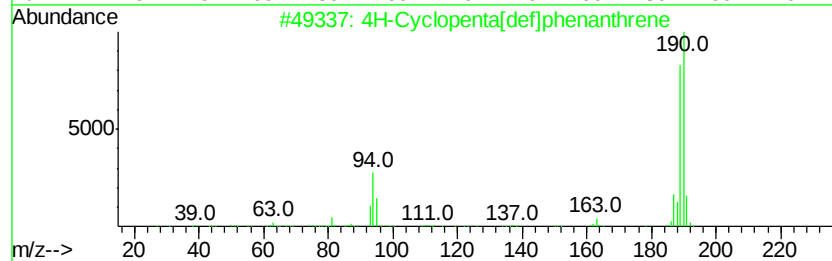
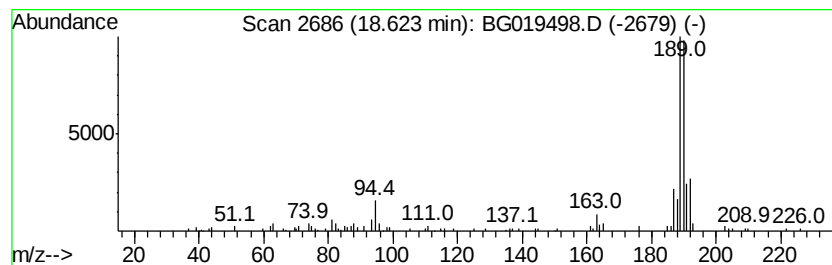
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.62	2.45 ng/ul	116864	Phenanthrene-d10	17.55	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	68
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
5	Pyrazole-4-carboxaldehyde, 3-(4-...	190	C10H7FN2O	306936-57-2	33



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.21	72.7	ng/ul	995895	1	8.18	274118	20.0
4H-Cyclopenta[def...	18.62	2.5	ng/ul	116864	4	17.55	953671	20.0