

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
 Data File : BG017785.D
 Acq On : 7 Jul 2015 00:51
 Operator : TP/UM
 Sample : G2860-16 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G93K1DL

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-BG070615.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	2.888	30	34	40	rVB	223997	278898	14.11%	1.739%
2	3.646	160	163	165	rBV3	11457	14414	0.73%	0.090%
3	6.778	690	696	704	rVV2	22712	40049	2.03%	0.250%
4	6.948	721	725	733	rVB	15245	26320	1.33%	0.164%
5	7.142	752	758	762	rBV2	23258	38033	1.92%	0.237%
6	7.606	830	837	844	rBV	355755	560900	28.38%	3.498%
7	8.311	950	957	964	rBV	26695	44762	2.26%	0.279%
8	8.752	1028	1032	1038	rVB	21173	32722	1.66%	0.204%
9	9.474	1149	1155	1161	rVV4	18581	29180	1.48%	0.182%
10	10.009	1240	1246	1252	rVB3	29034	48615	2.46%	0.303%
11	10.385	1303	1310	1316	rBV	539803	893323	45.20%	5.570%
12	10.432	1316	1318	1324	rVB2	26932	35826	1.81%	0.223%
13	10.526	1327	1334	1344	rVB6	10388	24019	1.22%	0.150%
14	12.054	1590	1594	1600	rBV	21656	34227	1.73%	0.213%
15	12.277	1626	1632	1639	rBV2	17641	30852	1.56%	0.192%
16	13.088	1765	1770	1774	rVV5	8834	15406	0.78%	0.096%
17	13.282	1797	1803	1805	rVV5	7184	11475	0.58%	0.072%
18	13.417	1821	1826	1828	rBV5	7208	13082	0.66%	0.082%
19	13.440	1828	1830	1834	rVV2	7797	8018	0.41%	0.050%
20	13.581	1847	1854	1858	rBV2	15605	27238	1.38%	0.170%
21	13.628	1858	1862	1865	rVV2	11194	13963	0.71%	0.087%
22	13.675	1865	1870	1874	rVV	45994	61674	3.12%	0.385%
23	13.722	1874	1878	1881	rVB2	15252	19604	0.99%	0.122%
24	13.811	1888	1893	1896	rBV5	9861	11554	0.58%	0.072%
25	13.946	1911	1916	1920	rVV	55848	85167	4.31%	0.531%
26	13.981	1920	1922	1927	rVB4	12385	15065	0.76%	0.094%
27	14.257	1960	1969	1976	rBV2	802076	1244695	62.98%	7.761%
28	14.322	1976	1980	1985	rVB	62764	84883	4.29%	0.529%
29	14.469	1998	2005	2012	rVB8	18200	35268	1.78%	0.220%
30	14.574	2017	2023	2027	rVV8	18827	28660	1.45%	0.179%
31	14.657	2033	2037	2044	rVV2	45445	70885	3.59%	0.442%
32	14.745	2047	2052	2056	rVV6	7633	12490	0.63%	0.078%
33	14.880	2070	2075	2081	rBV8	8567	13802	0.70%	0.086%
34	14.927	2081	2083	2088	rVB3	5855	8439	0.43%	0.053%

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35	15.050	2100	2104	2108	rVV6	6526	11247	0.57%	0.070%
36	15.256	2133	2139	2143	rBV	79631	107871	5.46%	0.673%
37	15.315	2143	2149	2153	rVB	72251	107100	5.42%	0.668%
38	15.432	2167	2169	2172	rVV4	11545	11133	0.56%	0.069%
39	15.479	2172	2177	2180	rVB5	10605	17647	0.89%	0.110%
40	15.532	2180	2186	2187	rBV6	7719	9055	0.46%	0.056%
41	15.608	2194	2199	2202	rBV	16017	22565	1.14%	0.141%
42	15.755	2219	2224	2233	rVB4	19011	41415	2.10%	0.258%
43	15.990	2261	2264	2268	rBV5	9053	13929	0.70%	0.087%
44	16.214	2299	2302	2306	rVB6	6037	8038	0.41%	0.050%
45	16.325	2317	2321	2324	rVB5	12977	16486	0.83%	0.103%
46	16.372	2325	2329	2333	rVB5	12167	17025	0.86%	0.106%
47	16.466	2340	2345	2350	rVB6	11632	20185	1.02%	0.126%
48	16.525	2350	2355	2358	rBV3	23655	33983	1.72%	0.212%
49	16.590	2363	2366	2369	rVB5	10705	13946	0.71%	0.087%
50	16.660	2374	2378	2384	rVB3	20391	34048	1.72%	0.212%
51	16.766	2388	2396	2398	rBV7	19521	41305	2.09%	0.258%
52	16.789	2398	2400	2403	rVV4	8895	9604	0.49%	0.060%
53	16.831	2403	2407	2412	rVB	25241	36762	1.86%	0.229%
54	17.007	2431	2437	2441	rVV2	966482	1397824	70.73%	8.716%
55	17.054	2441	2445	2450	rVV	628033	863270	43.68%	5.383%
56	17.107	2450	2454	2457	rVV	90761	132438	6.70%	0.826%
57	17.142	2457	2460	2465	rVV	159770	206581	10.45%	1.288%
58	17.207	2465	2471	2476	rVV9	9536	17033	0.86%	0.106%
59	17.330	2490	2492	2496	rVB4	9570	8259	0.42%	0.051%
60	17.377	2496	2500	2501	rBV4	6609	9027	0.46%	0.056%
61	17.412	2503	2506	2511	rVB2	27361	37927	1.92%	0.236%
62	17.530	2523	2526	2532	rBV6	16954	28840	1.46%	0.180%
63	17.588	2532	2536	2541	rBV2	20207	27743	1.40%	0.173%
64	17.729	2557	2560	2565	rVB7	10635	17171	0.87%	0.107%
65	17.812	2570	2574	2575	rBV4	10130	9084	0.46%	0.057%
66	17.888	2582	2587	2591	rBV	77742	106314	5.38%	0.663%
67	17.935	2591	2595	2601	rVB	100802	142438	7.21%	0.888%
68	18.017	2603	2609	2613	rBV	39279	59159	2.99%	0.369%
69	18.082	2614	2620	2624	rVV2	113465	218605	11.06%	1.363%
70	18.117	2624	2626	2634	rVB2	66928	95251	4.82%	0.594%
71	18.170	2634	2635	2638	rBV3	7773	10176	0.51%	0.063%

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72	18.393	2668	2673	2677	rBV	62906	103713	5.25%	0.647%
73	18.435	2677	2680	2686	rVB3	35741	53628	2.71%	0.334%
74	18.523	2692	2695	2698	rBV5	12980	16128	0.82%	0.101%
75	18.640	2713	2715	2720	rVB4	23118	26421	1.34%	0.165%
76	18.693	2721	2724	2727	rBV2	19372	17875	0.90%	0.111%
77	18.811	2739	2744	2749	rBV3	44220	84104	4.26%	0.524%
78	18.952	2766	2768	2771	rBV3	17722	14553	0.74%	0.091%
79	19.075	2784	2789	2795	rVB	709889	975715	49.37%	6.084%
80	19.151	2798	2802	2803	rBV4	13921	18628	0.94%	0.116%
81	19.322	2828	2831	2835	rBV4	22149	29004	1.47%	0.181%
82	19.416	2841	2847	2848	rBV	203515	274118	13.87%	1.709%
83	19.439	2848	2851	2861	rVV	637540	922329	46.67%	5.751%
84	19.516	2861	2864	2871	rVB4	34631	67272	3.40%	0.419%
85	19.680	2890	2892	2897	rVB5	26096	29871	1.51%	0.186%
86	19.780	2902	2909	2914	rBV6	54801	137841	6.97%	0.860%
87	19.939	2933	2936	2941	rVB2	90789	122036	6.17%	0.761%
88	20.044	2950	2954	2957	rBV2	56938	73081	3.70%	0.456%
89	20.097	2960	2963	2967	rVB3	63065	89448	4.53%	0.558%
90	20.238	2984	2987	2991	rVV	46796	57653	2.92%	0.360%
91	20.285	2992	2995	2999	rVB2	53235	71364	3.61%	0.445%
92	20.896	3096	3099	3101	rVB	42965	42459	2.15%	0.265%
93	20.984	3112	3114	3117	rBV2	39954	39449	2.00%	0.246%
94	21.208	3145	3152	3156	rBV2	1291063	1976371	100.00%	12.324%
95	21.243	3156	3158	3166	rVB	288653	336265	17.01%	2.097%
96	21.361	3175	3178	3181	rBV	68256	86650	4.38%	0.540%
97	22.765	3412	3417	3422	rBV2	210852	459183	23.23%	2.863%
98	23.241	3495	3498	3503	rVB	112844	144941	7.33%	0.904%
99	23.335	3510	3514	3520	rVB2	213933	392375	19.85%	2.447%
100	23.435	3524	3531	3537	rBV	783694	1500516	75.92%	9.357%

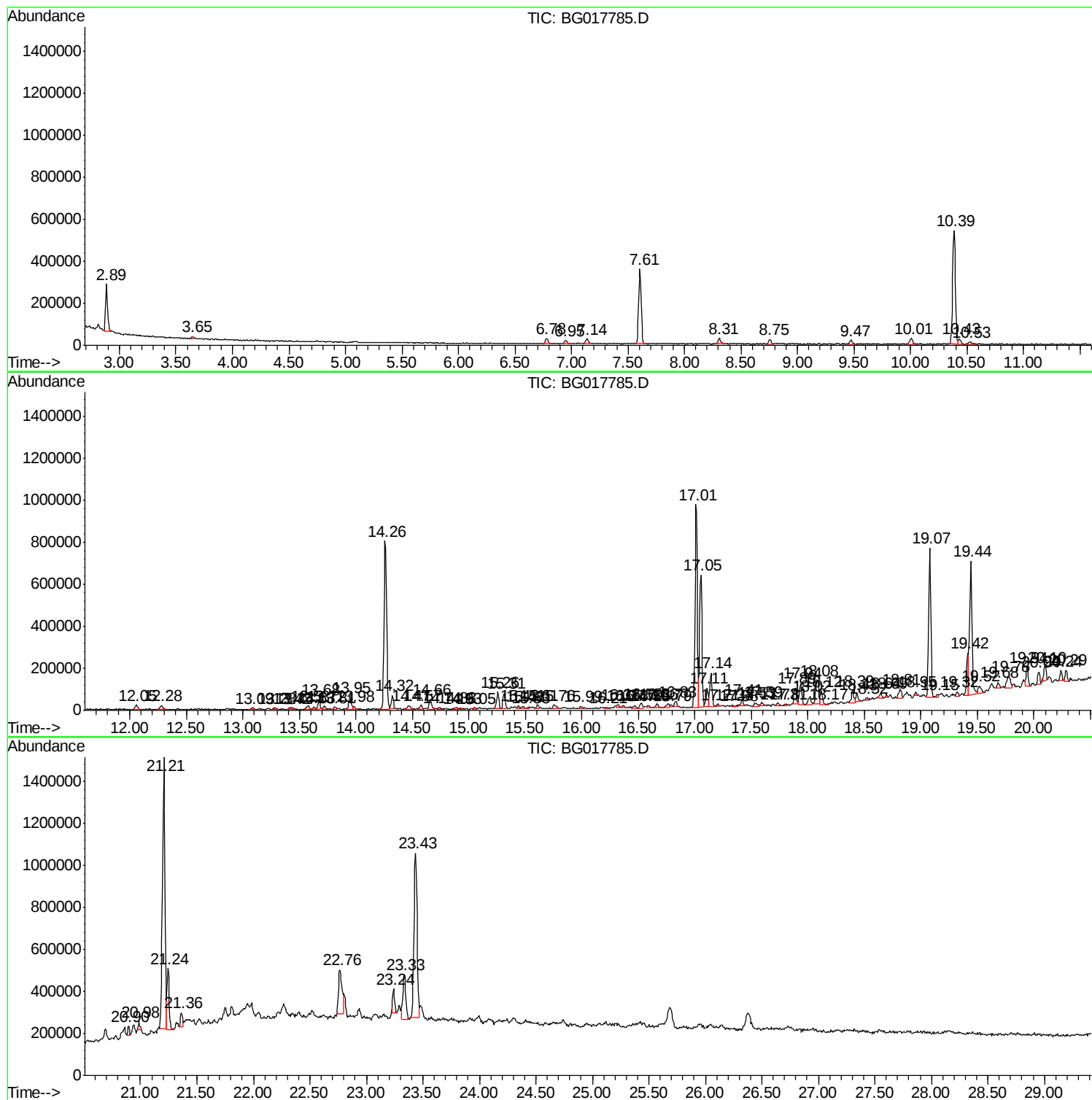
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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



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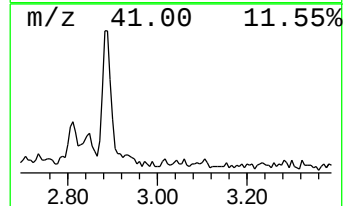
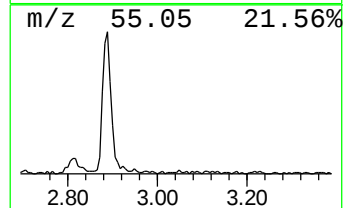
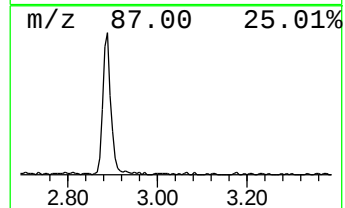
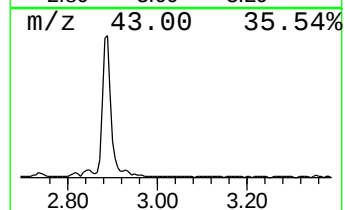
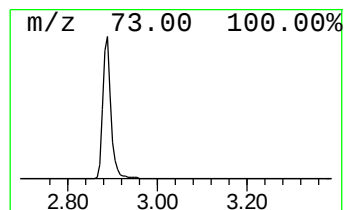
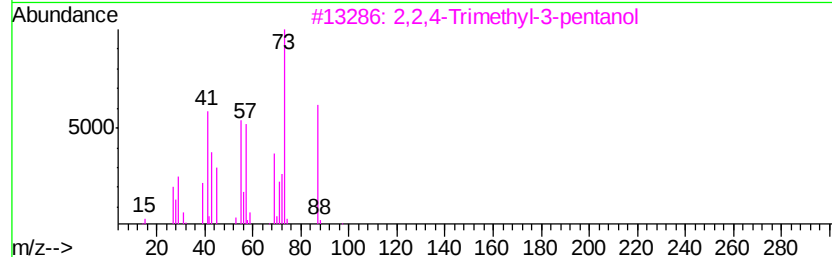
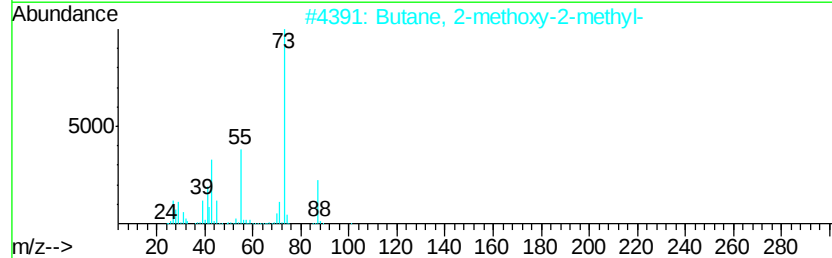
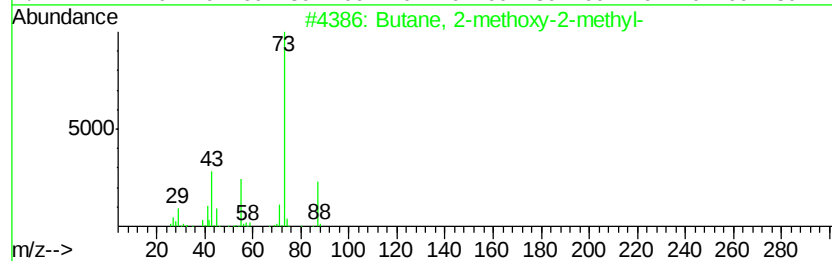
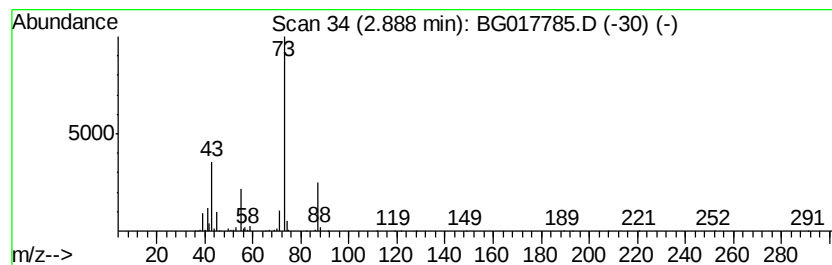
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.89	9.94 ng/ul	278898	1,4-Dichlorobenzene-d4	7.61

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	74
3		2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	56
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
5		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9



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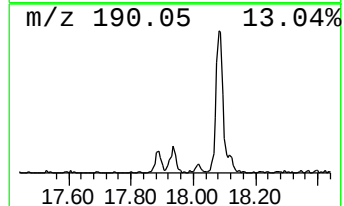
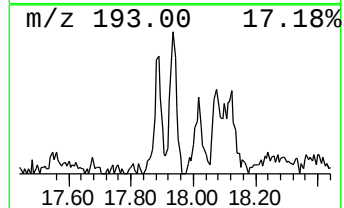
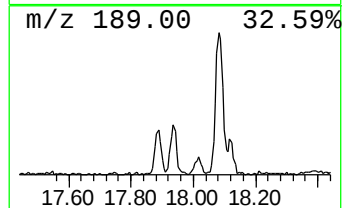
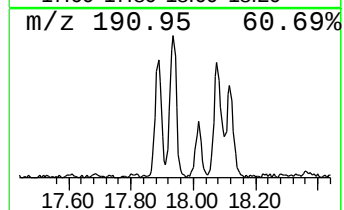
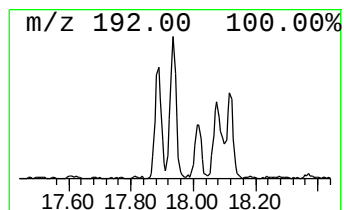
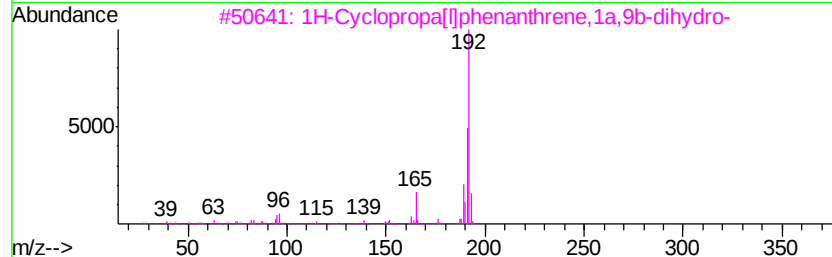
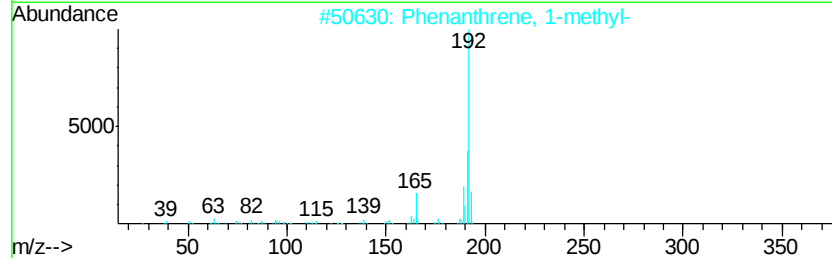
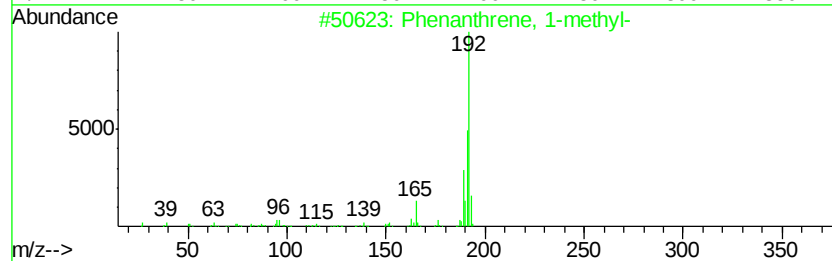
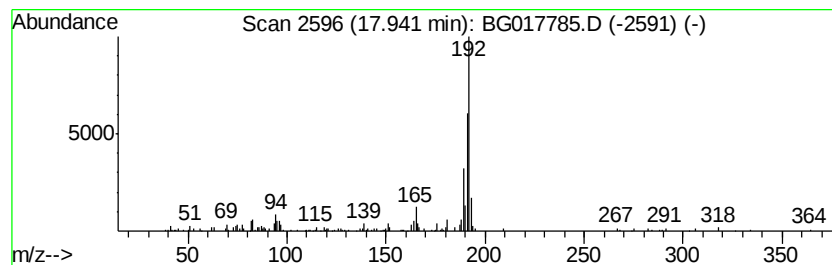
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	2.04 ng/ul	142438	Phenanthrene-d10	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2		Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3		1H-Cyclopropa[1]phenanthrene, 1a, ...	192	C15H12	000949-41-7	95
4		Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
5		Anthracene, 2-methyl-	192	C15H12	000613-12-7	94



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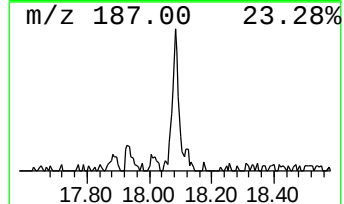
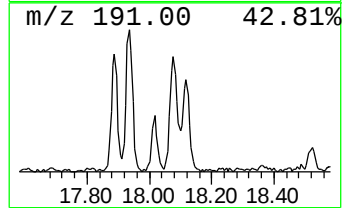
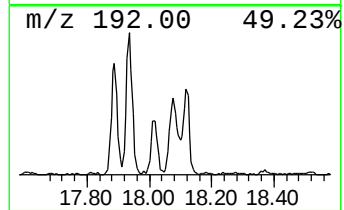
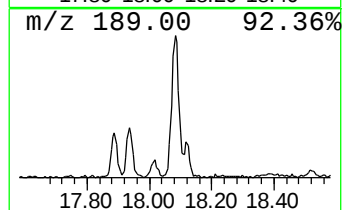
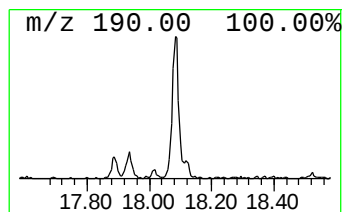
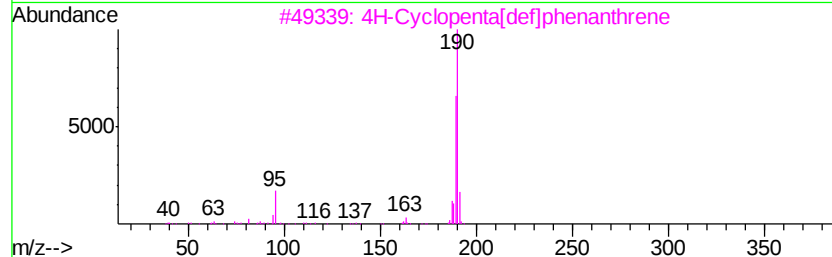
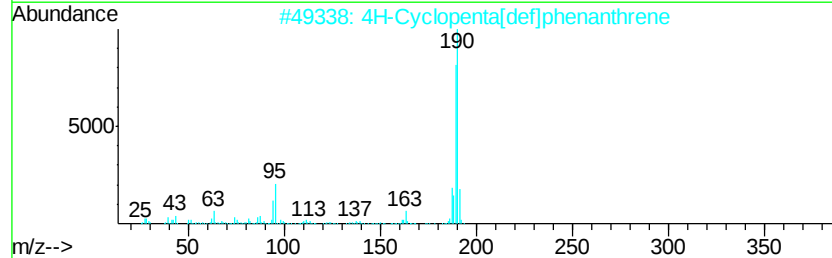
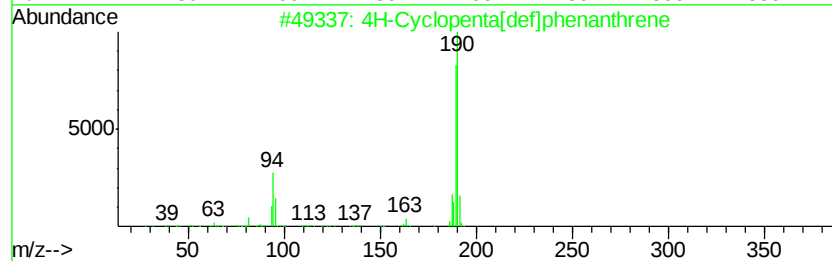
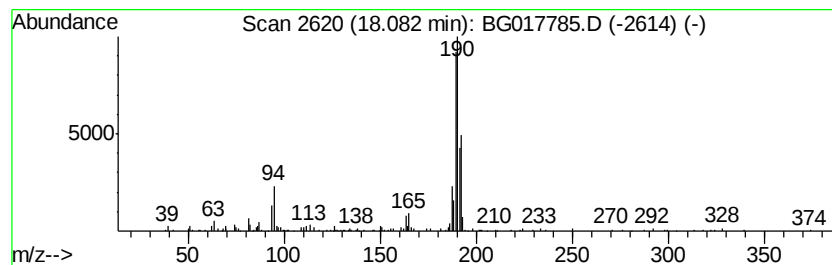
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.08	3.13 ng/ul	218605	Phenanthrene-d10	17.01

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3		4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
4		2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5		Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	25



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG070615\
Data File : BG017785.D
Acq On : 7 Jul 2015 00:51
Operator : TP/UM
Sample : G2860-16 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
G93K1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG070615.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	2.89	9.9	ng/ul	278898	1	7.61	560900	20.0
Phenanthrene, 1-m...	17.94	2.0	ng/ul	142438	4	17.01	1397820	20.0
4H-Cyclopenta[def...	18.08	3.1	ng/ul	218605	4	17.01	1397820	20.0