

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102315\
 Data File : BG019322.D
 Acq On : 24 Oct 2015 6:02
 Operator : UM/NP
 Sample : G4058-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 E5LN6

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-BG102315.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	3.055	35	37	43	rBV2	11414	16297	1.28%	0.128%
2	3.208	58	63	73	rBV3	26069	52063	4.09%	0.408%
3	3.290	73	77	85	rVB	66959	91819	7.22%	0.720%
4	3.567	118	124	129	rBV	6383	10005	0.79%	0.078%
5	3.843	168	171	174	rBV3	3056	3628	0.29%	0.028%
6	4.013	195	200	202	rBV3	1956	2583	0.20%	0.020%
7	4.348	252	257	263	rVB2	33918	53217	4.18%	0.418%
8	5.300	414	419	426	rVB2	10042	15160	1.19%	0.119%
9	5.511	451	455	461	rBV4	4941	6505	0.51%	0.051%
10	5.600	467	470	474	rBV	1981	3305	0.26%	0.026%
11	6.287	582	587	590	rBV2	1550	2611	0.21%	0.020%
12	7.168	735	737	742	rVB2	2931	4165	0.33%	0.033%
13	7.368	763	771	780	rVB	147278	246674	19.40%	1.935%
14	7.550	796	802	810	rBV	96155	158241	12.44%	1.241%
15	7.762	831	838	846	rVB	135364	226496	17.81%	1.777%
16	8.238	913	919	926	rVV	114281	194166	15.27%	1.523%
17	8.667	986	992	998	rVB3	3125	6211	0.49%	0.049%
18	8.925	1029	1036	1044	rBV	178638	306966	24.14%	2.408%
19	8.990	1044	1047	1052	rVB2	3469	5540	0.44%	0.043%
20	9.336	1103	1106	1109	rBV	1885	2739	0.22%	0.021%
21	9.407	1111	1118	1126	rVB	136369	241569	19.00%	1.895%
22	9.483	1126	1131	1138	rBV4	6950	11819	0.93%	0.093%
23	9.812	1183	1187	1190	rVB3	4321	5200	0.41%	0.041%
24	10.077	1227	1232	1235	rBV4	4265	8497	0.67%	0.067%
25	10.135	1235	1242	1249	rVV2	129548	234248	18.42%	1.838%
26	10.212	1251	1255	1258	rBV2	3095	5468	0.43%	0.043%
27	10.241	1258	1260	1265	rVB2	4092	4613	0.36%	0.036%
28	10.318	1268	1273	1275	rBV	1420	2618	0.21%	0.021%
29	10.453	1293	1296	1299	rBV	1728	2844	0.22%	0.022%
30	10.517	1303	1307	1312	rVB3	6650	10080	0.79%	0.079%
31	10.670	1326	1333	1341	rBV	195432	335015	26.34%	2.628%
32	10.958	1376	1382	1388	rBV4	4958	8025	0.63%	0.063%
33	11.064	1393	1400	1408	rVV	156562	275897	21.70%	2.165%
34	11.187	1414	1421	1429	rVB	137411	257976	20.29%	2.024%

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35	11.475	1466	1470	1477	rBV4	2529	4617	0.36%	0.036%
36	11.863	1531	1536	1542	rVB3	14913	25499	2.01%	0.200%
37	12.115	1574	1579	1582	rVB3	3784	5354	0.42%	0.042%
38	12.204	1591	1594	1598	rBV2	2329	2893	0.23%	0.023%
39	12.556	1651	1654	1661	rBV3	7020	12518	0.98%	0.098%
40	12.632	1664	1667	1671	rVV2	2978	4660	0.37%	0.037%
41	12.709	1674	1680	1685	rBV2	2914	6504	0.51%	0.051%
42	12.932	1713	1718	1720	rVB3	1950	2643	0.21%	0.021%
43	13.044	1733	1737	1741	rVB2	3489	5119	0.40%	0.040%
44	13.202	1761	1764	1765	rBV2	2777	2789	0.22%	0.022%
45	13.226	1765	1768	1771	rVB3	4187	4285	0.34%	0.034%
46	13.461	1805	1808	1813	rVB3	3777	5662	0.45%	0.044%
47	13.678	1842	1845	1848	rVB2	2935	3001	0.24%	0.024%
48	13.743	1852	1856	1858	rBV	2353	2654	0.21%	0.021%
49	14.025	1901	1904	1909	rVB2	2709	3517	0.28%	0.028%
50	14.254	1936	1943	1947	rBV	389335	559177	43.97%	4.387%
51	14.301	1947	1951	1959	rVB	232860	329771	25.93%	2.587%
52	14.554	1987	1994	2001	rBV	371128	571352	44.93%	4.482%
53	14.736	2022	2025	2031	rVB3	6139	7647	0.60%	0.060%
54	14.859	2037	2046	2052	rBV2	270570	449303	35.33%	3.525%
55	15.012	2066	2072	2079	rBV	228329	343391	27.00%	2.694%
56	15.247	2106	2112	2116	rBV4	4913	8583	0.67%	0.067%
57	15.582	2165	2169	2172	rVB	2481	3311	0.26%	0.026%
58	15.635	2172	2178	2182	rBV	7495	14216	1.12%	0.112%
59	15.682	2182	2186	2190	rVB	15172	16771	1.32%	0.132%
60	15.840	2207	2213	2220	rBV	498334	773757	60.84%	6.070%
61	15.940	2224	2230	2236	rBV	228446	325273	25.58%	2.552%
62	16.081	2250	2254	2258	rBV3	10785	14740	1.16%	0.116%
63	16.187	2270	2272	2276	rVB3	3847	4505	0.35%	0.035%
64	16.293	2288	2290	2291	rBV2	3916	2987	0.23%	0.023%
65	16.416	2307	2311	2312	rVB3	2159	2654	0.21%	0.021%
66	16.499	2321	2325	2327	rBV4	2539	2831	0.22%	0.022%
67	16.540	2329	2332	2335	rBV2	15259	21633	1.70%	0.170%
68	16.675	2353	2355	2357	rVB2	3415	2795	0.22%	0.022%
69	16.710	2357	2361	2362	rBV2	6057	5866	0.46%	0.046%
70	16.810	2376	2378	2382	rVB4	3737	3805	0.30%	0.030%
71	16.880	2387	2390	2393	rVV4	3693	5507	0.43%	0.043%

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72	16.939	2398	2400	2403	rBV4	3019	3762	0.30%	0.030%
73	17.333	2463	2467	2472	rVV5	18657	24448	1.92%	0.192%
74	17.392	2472	2477	2481	rVB4	9493	16703	1.31%	0.131%
75	17.591	2505	2511	2519	rBV	412576	648258	50.98%	5.086%
76	17.691	2522	2528	2534	rVV	585877	918855	72.25%	7.209%
77	17.738	2534	2536	2537	rVV2	5733	3764	0.30%	0.030%
78	17.862	2554	2557	2560	rBV4	4128	5564	0.44%	0.044%
79	17.950	2569	2572	2576	rVV5	13128	18855	1.48%	0.148%
80	18.073	2590	2593	2600	rVB4	19644	26057	2.05%	0.204%
81	18.126	2600	2602	2608	rBV4	4287	6493	0.51%	0.051%
82	18.173	2608	2610	2613	rBV4	3679	2945	0.23%	0.023%
83	18.326	2635	2636	2640	rVB4	3951	3690	0.29%	0.029%
84	18.408	2649	2650	2653	rBV3	3005	2924	0.23%	0.023%
85	18.461	2653	2659	2665	rBV2	91205	129589	10.19%	1.017%
86	18.761	2706	2710	2712	rBV4	12064	13834	1.09%	0.109%
87	18.890	2728	2732	2735	rVB4	16062	18462	1.45%	0.145%
88	19.236	2789	2791	2794	rVB4	5095	3907	0.31%	0.031%
89	19.307	2801	2803	2807	rVB5	5261	5560	0.44%	0.044%
90	19.378	2812	2815	2819	rBV5	7132	8144	0.64%	0.064%
91	19.601	2846	2853	2856	rBV4	12898	23905	1.88%	0.188%
92	19.718	2869	2873	2878	rBV4	35646	50132	3.94%	0.393%
93	19.848	2893	2895	2901	rVB2	13465	17781	1.40%	0.139%
94	19.965	2908	2915	2922	rBV	847970	1196496	94.09%	9.387%
95	21.105	3105	3109	3112	rBV4	27595	34425	2.71%	0.270%
96	21.499	3172	3176	3182	rVB5	53228	74213	5.84%	0.582%
97	21.880	3234	3241	3248	rVB	577928	924312	72.68%	7.252%
98	23.426	3500	3504	3514	rVB8	34902	77874	6.12%	0.611%
99	25.036	3769	3778	3789	rVB	450712	1271693	100.00%	9.977%
100	25.271	3808	3818	3827	rBV2	285423	839824	66.04%	6.589%

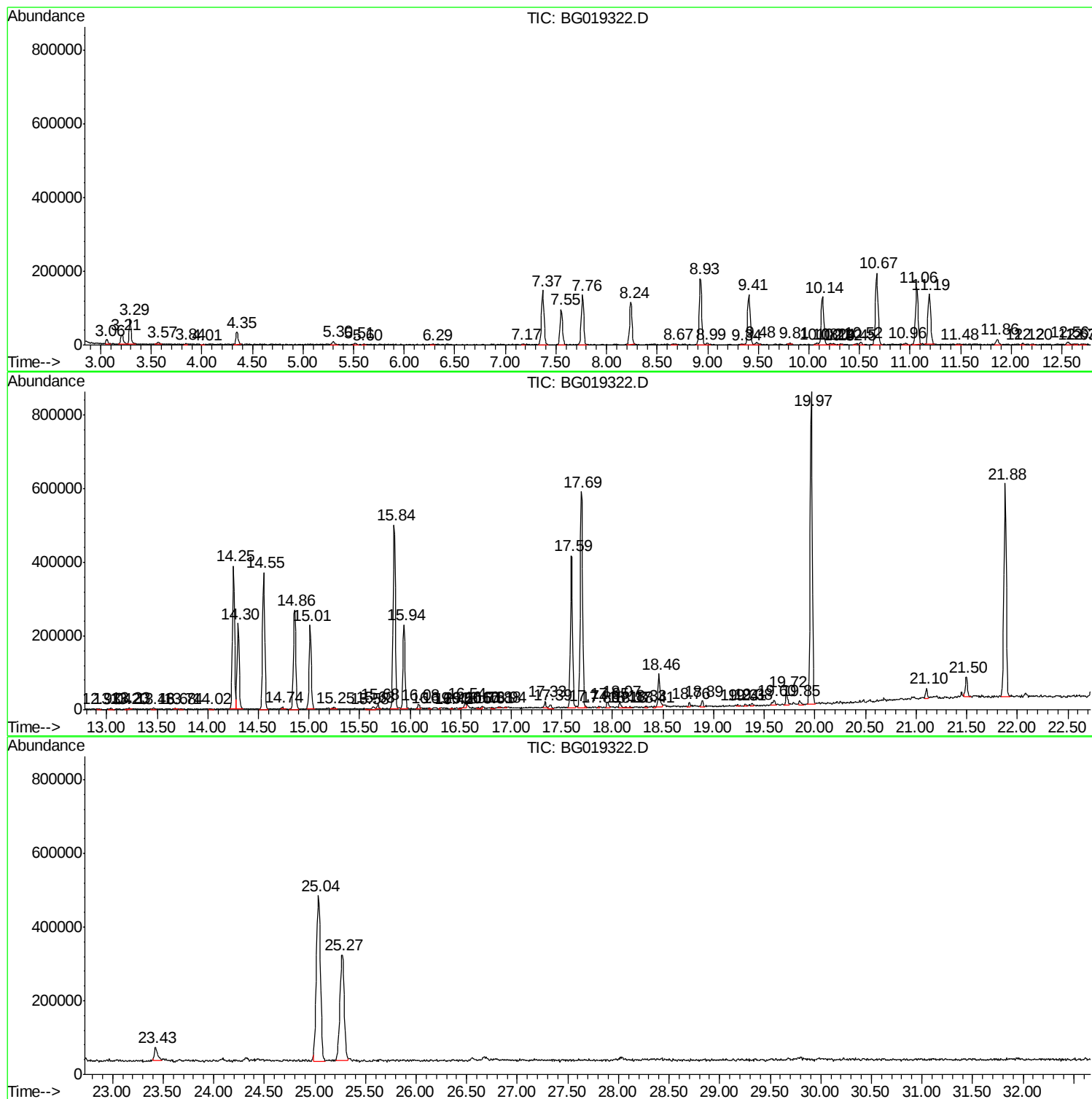
Sum of corrected areas: 12746319

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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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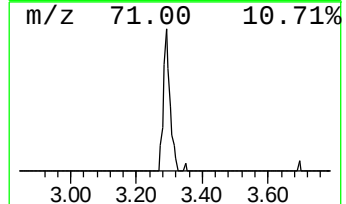
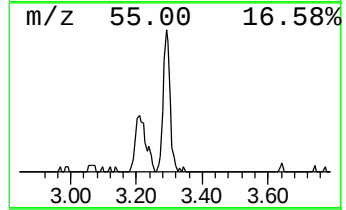
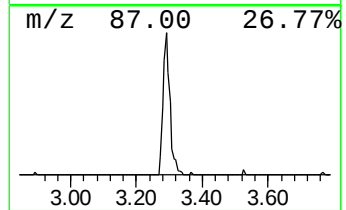
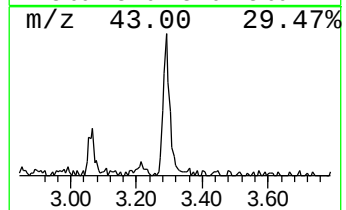
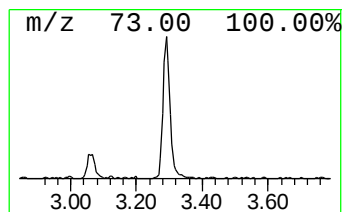
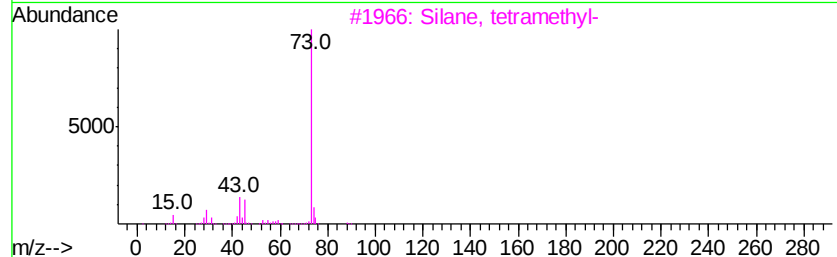
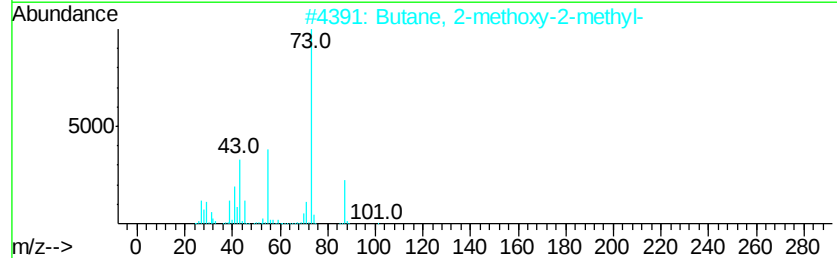
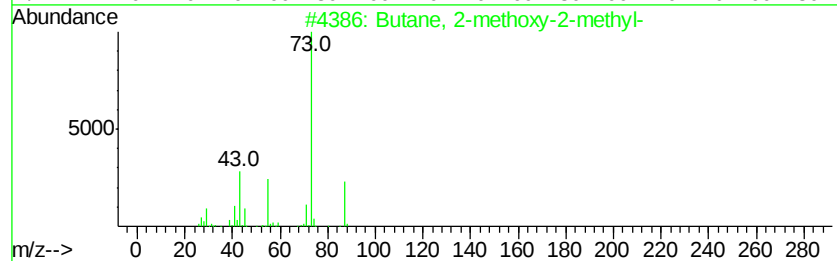
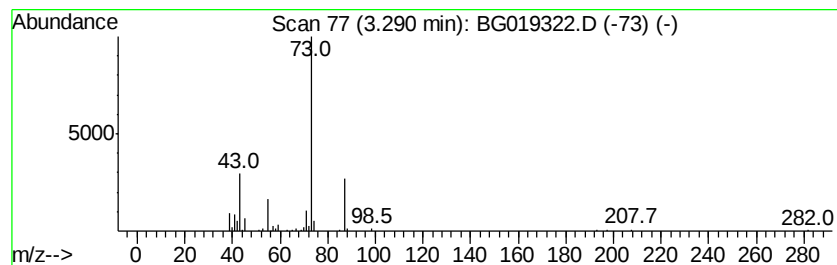
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102315.M
Quant Title : SVOA CALIBRATION

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.
3.29	9.46 ng/ul	91819	1,4-Dichlorobenzene-d4	8.24

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	56
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	40
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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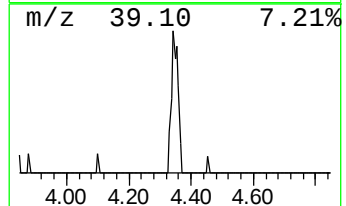
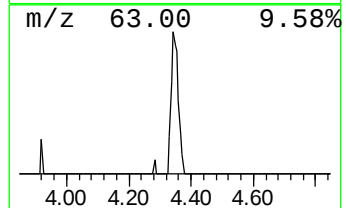
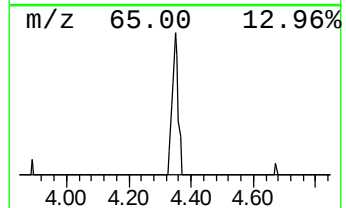
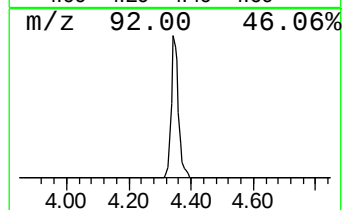
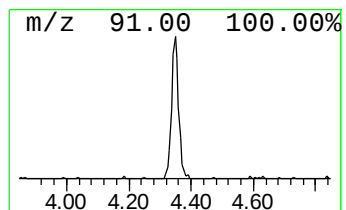
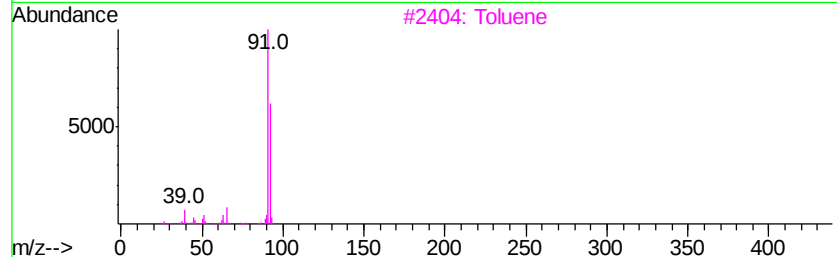
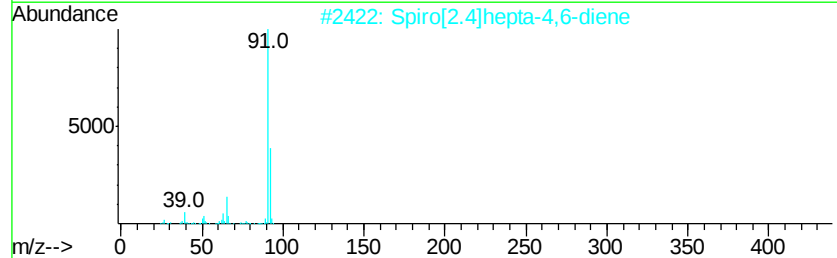
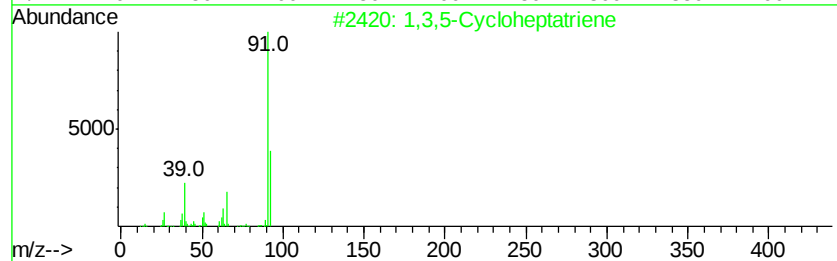
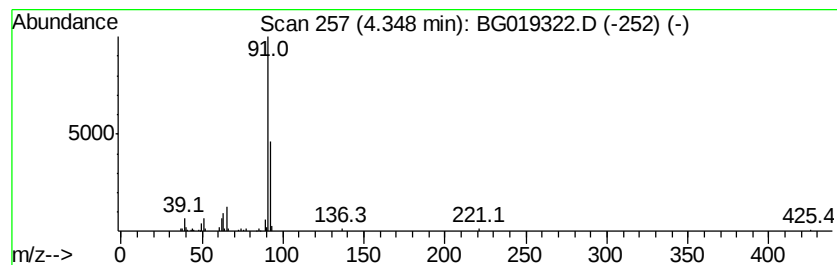
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 1,3,5-Cycloheptatriene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.35	5.48 ng/ul	53217	1,4-Dichlorobenzene-d4	8.24

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	87
2			Spiro[2.4]hepta-4,6-diene	92	C7H8	000765-46-8	83
3			Toluene	92	C7H8	000108-88-3	80
4			1,3,5-Cycloheptatriene	92	C7H8	000544-25-2	74
5			Cyclobutene, 2-propenylidene-	92	C7H8	052097-85-5	72



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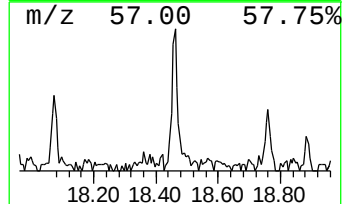
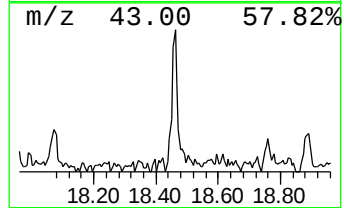
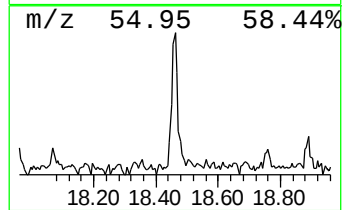
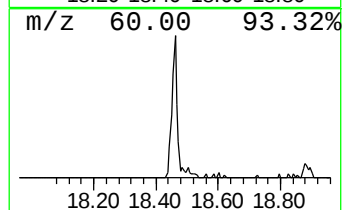
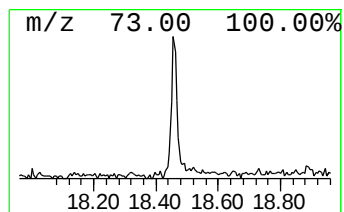
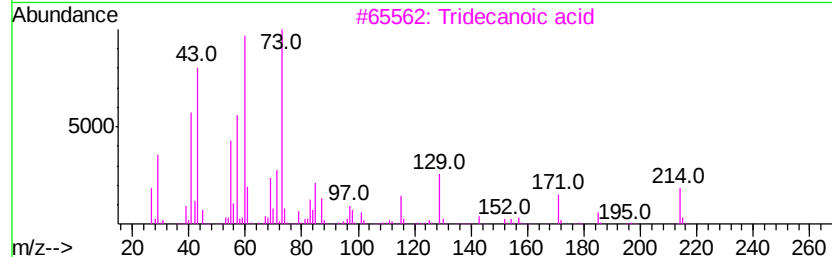
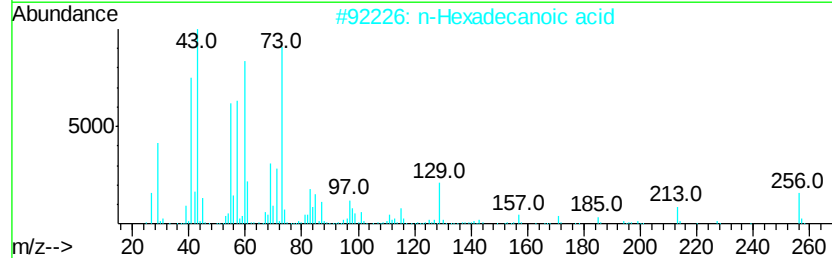
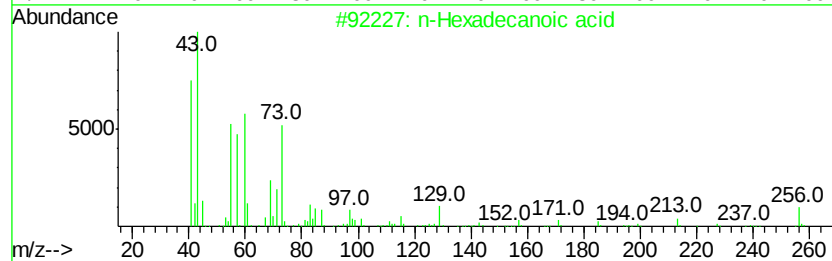
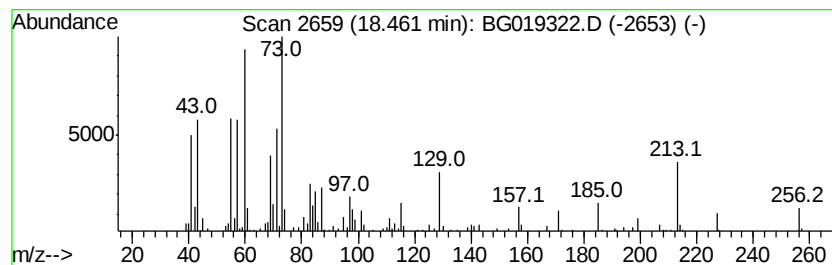
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Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.46	4.00 ng/ul	129589	Phenanthrene-d10	17.60	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Tridecanoic acid	214	C13H26O2	000638-53-9	70



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102315\
Data File : BG019322.D
Acq On : 24 Oct 2015 6:02
Operator : UM/NP
Sample : G4058-04
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
E5LN6

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG102315.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...	3.29	9.5	ng/ul	91819	1	8.24	194166	20.0
1,3,5-Cycloheptat...	4.35	5.5	ng/ul	53217	1	8.24	194166	20.0
n-Hexadecanoic acid	18.46	4.0	ng/ul	129589	4	17.60	648258	20.0