

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021016\
 Data File : BG020847.D
 Acq On : 10 Feb 2016 19:19
 Operator : SJ/UM
 Sample : H1390-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C04R8

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-BG020816.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	3.254	65	71	79	rBV	47342	84274	14.70%	1.455%
2	3.331	80	84	92	rVB	21559	30828	5.38%	0.532%
3	3.601	128	130	133	rBV3	1267	1569	0.27%	0.027%
4	4.382	261	263	267	rBV4	805	1091	0.19%	0.019%
5	4.752	323	326	328	rVB2	1227	1161	0.20%	0.020%
6	5.252	408	411	415	rBV3	521	1068	0.19%	0.018%
7	5.516	453	456	459	rBV3	527	860	0.15%	0.015%
8	6.297	585	589	590	rBV	711	844	0.15%	0.015%
9	6.309	590	591	594	rVB2	923	849	0.15%	0.015%
10	7.214	742	745	749	rVB	868	1202	0.21%	0.021%
11	7.408	771	778	784	rVB2	17335	28576	4.98%	0.493%
12	7.584	802	808	817	rVB	69812	112955	19.70%	1.950%
13	7.795	836	844	851	rVB	61949	103583	18.06%	1.788%
14	8.271	918	925	930	rBV	61820	104078	18.15%	1.797%
15	8.312	930	932	940	rVB	15848	22958	4.00%	0.396%
16	8.964	1037	1043	1052	rBB	51690	88245	15.39%	1.524%
17	9.094	1059	1065	1071	rVB	2742	4533	0.79%	0.078%
18	9.370	1106	1112	1118	rBV	40177	67134	11.71%	1.159%
19	9.440	1118	1124	1134	rVB	78170	136925	23.88%	2.364%
20	9.587	1146	1149	1152	rVB	861	1004	0.18%	0.017%
21	9.834	1186	1191	1195	rBB	647	898	0.16%	0.016%
22	10.169	1241	1248	1254	rBV	61206	105107	18.33%	1.815%
23	10.703	1333	1339	1347	rVB	100149	174164	30.37%	3.007%
24	10.991	1383	1388	1391	rBB2	1403	1849	0.32%	0.032%
25	11.097	1399	1406	1413	rBV	105941	184254	32.13%	3.181%
26	11.144	1413	1414	1418	rVB3	2523	1715	0.30%	0.030%
27	11.226	1423	1428	1432	rBV2	1309	2273	0.40%	0.039%
28	11.743	1515	1516	1523	rVB2	943	1320	0.23%	0.023%
29	12.236	1594	1600	1605	rBV	2369	3561	0.62%	0.061%
30	12.324	1608	1615	1619	rBV	1904	2677	0.47%	0.046%
31	12.659	1666	1672	1678	rBB2	1669	2877	0.50%	0.050%
32	12.859	1702	1706	1711	rBV	1473	1908	0.33%	0.033%
33	13.247	1767	1772	1777	rBV2	2878	3729	0.65%	0.064%
34	13.488	1809	1813	1819	rBV3	4389	6693	1.17%	0.116%

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 Title : SVOA CALIBRATION

35	13.793	1858	1865	1873	rBV	22310	34536	6.02%	0.596%
36	14.281	1941	1948	1954	rBB	218437	311572	54.33%	5.380%
37	14.580	1992	1999	2006	rVB	274297	432604	75.44%	7.469%
38	14.886	2042	2051	2058	rBB2	176646	275302	48.01%	4.753%
39	14.950	2058	2062	2066	rBB	1867	1813	0.32%	0.031%
40	15.050	2073	2079	2084	rBV	13393	20297	3.54%	0.350%
41	15.450	2141	2147	2152	rBV2	4820	6159	1.07%	0.106%
42	15.538	2158	2162	2164	rBV	1067	1153	0.20%	0.020%
43	15.573	2164	2168	2172	rVB	2551	3800	0.66%	0.066%
44	15.661	2177	2183	2189	rBV2	2713	4941	0.86%	0.085%
45	15.873	2212	2219	2225	rVB	349732	536423	93.54%	9.262%
46	15.972	2231	2236	2242	rBV	67502	92808	16.18%	1.602%
47	16.108	2254	2259	2262	rBV	2970	3618	0.63%	0.062%
48	16.225	2273	2279	2283	rBB2	2279	3288	0.57%	0.057%
49	17.623	2510	2517	2525	rVB	199275	298966	52.13%	5.162%
50	17.717	2527	2533	2541	rBV	357988	529339	92.31%	9.139%
51	17.882	2557	2561	2565	rBV2	1200	1470	0.26%	0.025%
52	18.269	2623	2627	2632	rBV	48781	55792	9.73%	0.963%
53	18.557	2672	2676	2680	rVB	1427	1696	0.30%	0.029%
54	18.739	2703	2707	2710	rBV2	720	875	0.15%	0.015%
55	19.626	2852	2858	2861	rVB3	3355	4360	0.76%	0.075%
56	19.879	2896	2901	2904	rVB3	2705	3616	0.63%	0.062%
57	19.985	2913	2919	2928	rBV	400654	573452	100.00%	9.901%
58	20.754	3046	3050	3051	rBV2	957	1303	0.23%	0.022%
59	20.778	3051	3054	3056	rVB2	1047	1245	0.22%	0.021%
60	20.836	3061	3064	3065	rBV3	1341	1048	0.18%	0.018%
61	20.872	3067	3070	3074	rVB4	2995	3702	0.65%	0.064%
62	20.966	3082	3086	3087	rBV3	1424	1524	0.27%	0.026%
63	20.977	3087	3088	3090	rBV2	1012	925	0.16%	0.016%
64	21.142	3113	3116	3118	rBV3	975	1442	0.25%	0.025%
65	21.594	3191	3193	3195	rBV3	2095	2461	0.43%	0.042%
66	21.900	3239	3245	3256	rVB	199181	323523	56.42%	5.586%
67	22.017	3263	3265	3267	rBV2	1225	952	0.17%	0.016%
68	22.082	3273	3276	3282	rVB6	1595	2434	0.42%	0.042%
69	22.593	3359	3363	3367	rBV6	1236	2278	0.40%	0.039%
70	22.722	3383	3385	3389	rVB4	1328	1520	0.27%	0.026%
71	22.981	3428	3429	3431	rBV2	1598	1441	0.25%	0.025%

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72	23.016	3434	3435	3438	rBV3	1303	1643	0.29%	0.028%
73	23.439	3498	3507	3516	rBV10	8708	24291	4.24%	0.419%
74	23.639	3539	3541	3543	rBV3	1808	1211	0.21%	0.021%
75	23.962	3594	3596	3599	rVB3	1564	1406	0.25%	0.024%
76	24.103	3618	3620	3622	rBV3	1724	1500	0.26%	0.026%
77	24.308	3653	3655	3661	rVB3	4982	6766	1.18%	0.117%
78	25.060	3770	3783	3797	rBV	190146	548195	95.60%	9.465%
79	25.183	3802	3804	3807	rVB4	1646	1373	0.24%	0.024%
80	25.295	3811	3823	3834	rBV2	104901	318506	55.54%	5.499%
81	26.082	3954	3957	3960	rVB4	1272	1661	0.29%	0.029%
82	26.188	3973	3975	3978	rBV3	1189	1488	0.26%	0.026%
83	26.529	4028	4033	4042	rVB8	7098	18591	3.24%	0.321%
84	27.028	4116	4118	4119	rVB2	1332	875	0.15%	0.015%
85	27.081	4125	4127	4131	rBV4	1178	1616	0.28%	0.028%
86	27.134	4134	4136	4139	rBV3	1162	1427	0.25%	0.025%
87	27.445	4188	4189	4190	rBV	1506	863	0.15%	0.015%
88	27.950	4273	4275	4276	rBV2	1910	1776	0.31%	0.031%
89	27.974	4276	4279	4289	rVB7	5978	15278	2.66%	0.264%
90	28.649	4392	4394	4395	rBV2	1067	920	0.16%	0.016%
91	29.395	4519	4521	4524	rBV4	1129	1296	0.23%	0.022%
92	29.484	4535	4536	4539	rVB3	1418	1295	0.23%	0.022%
93	29.983	4617	4621	4624	rBV5	1220	1749	0.30%	0.030%
94	30.564	4719	4720	4722	rBV2	1065	1065	0.19%	0.018%
95	31.052	4802	4803	4806	rBV2	1379	1104	0.19%	0.019%
96	31.228	4832	4833	4835	rBV2	1284	902	0.16%	0.016%
97	31.839	4935	4937	4941	rVB5	1544	1460	0.25%	0.025%
98	32.186	4994	4996	4998	rBV3	1302	1080	0.19%	0.019%
99	32.374	5026	5028	5030	rBV3	1098	1019	0.18%	0.018%
100	32.556	5057	5059	5060	rBV2	1449	1034	0.18%	0.018%

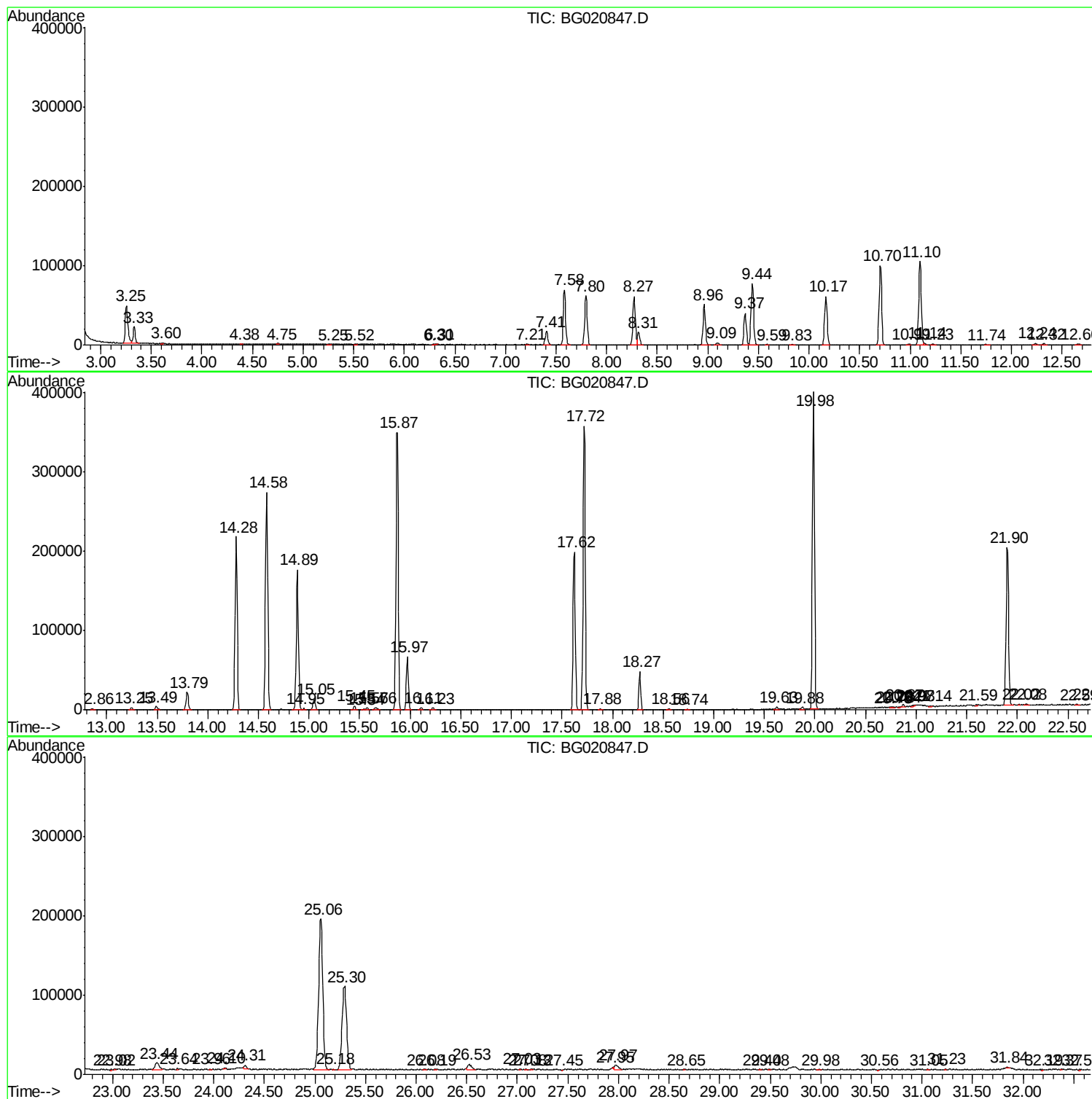
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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



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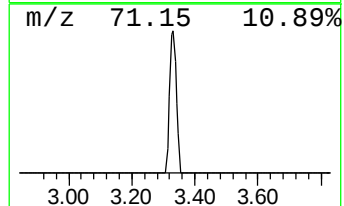
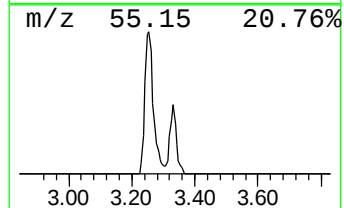
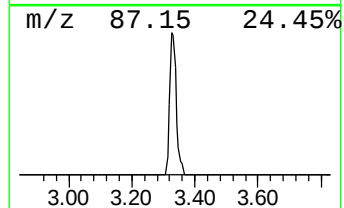
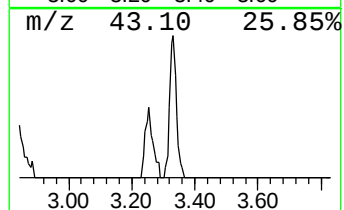
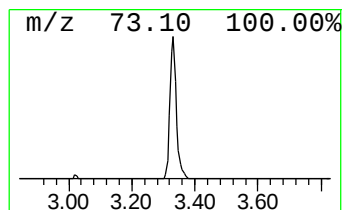
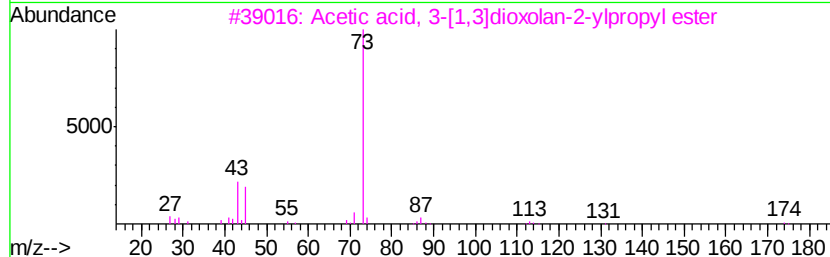
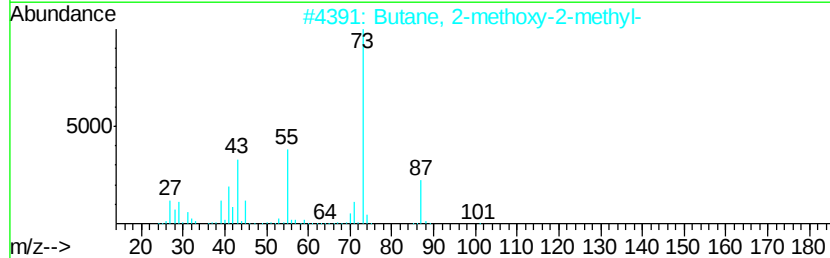
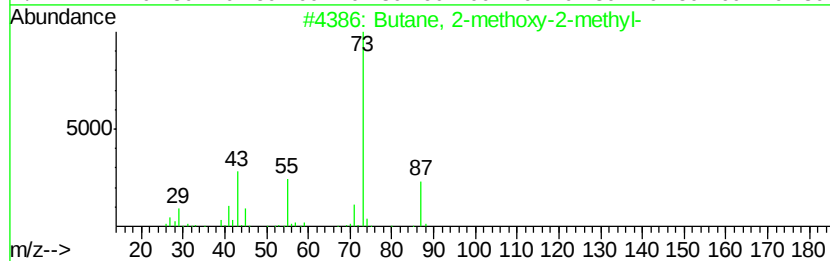
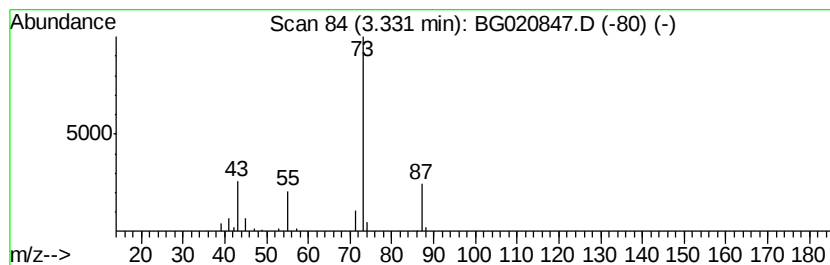
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.33	5.92 ng/ul	30828	1,4-Dichlorobenzene-d4	8.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3		Acetic acid, 3-[1,3]dioxolan-2-yl...	174	C8H14O4	1000186-02-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	7
5		N-Ethylformamide	73	C3H7NO	000627-45-2	5



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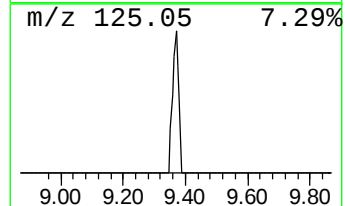
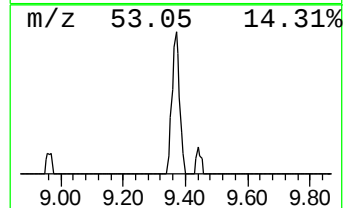
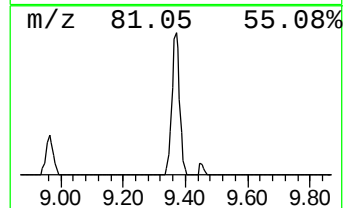
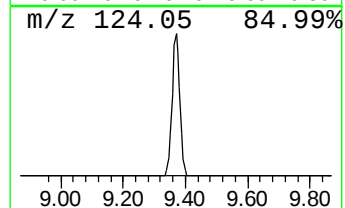
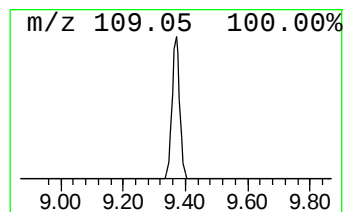
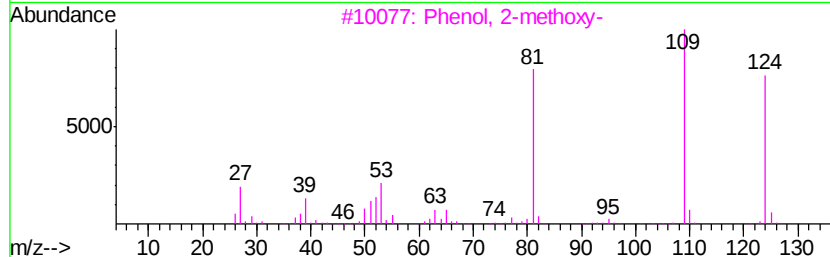
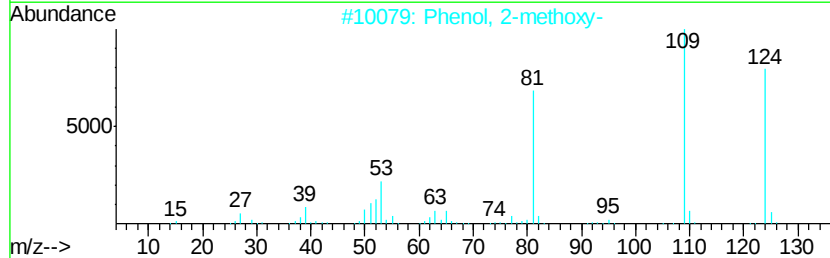
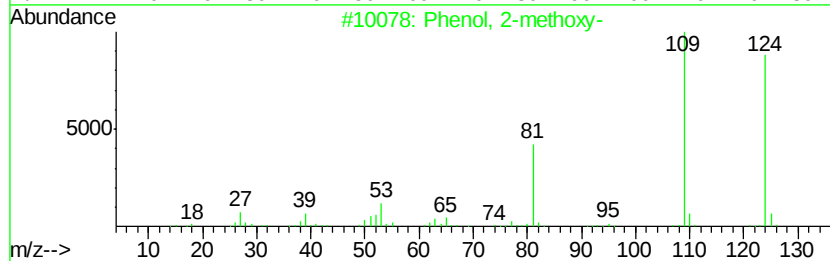
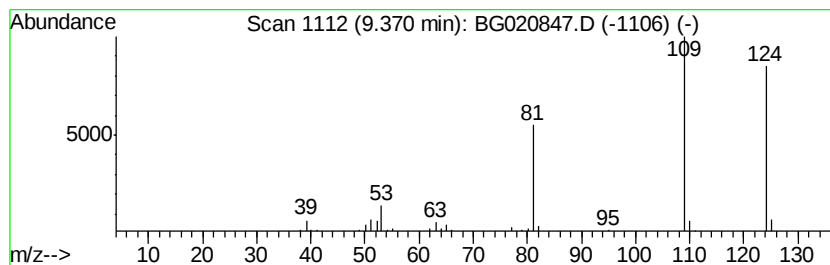
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Phenol, 2-methoxy- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.37	12.90 ng/ul	67134	1,4-Dichlorobenzene-d4	8.27

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	97
2			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
3			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	91
4			Mequinol	124	C7H8O2	000150-76-5	91
5			Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	90



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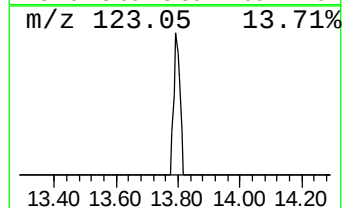
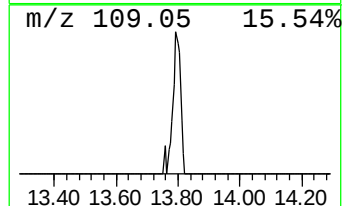
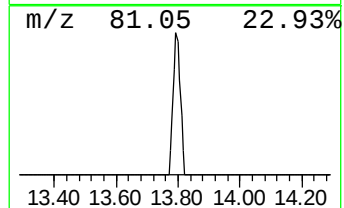
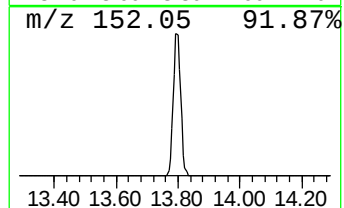
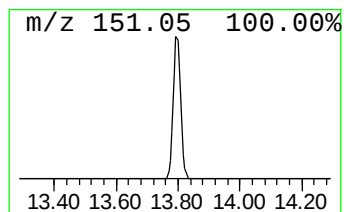
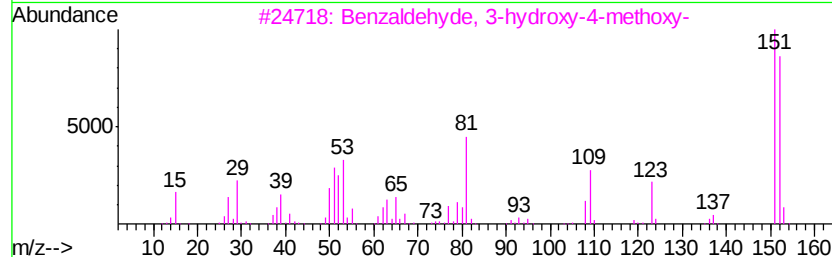
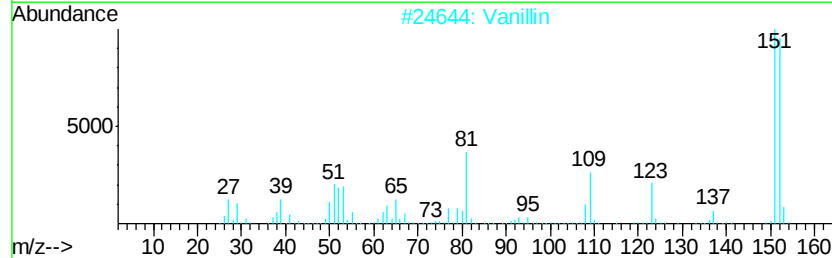
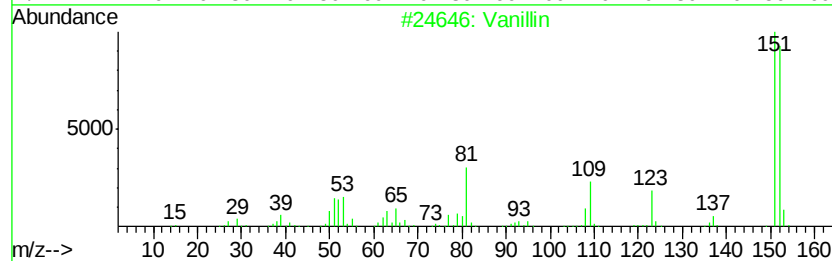
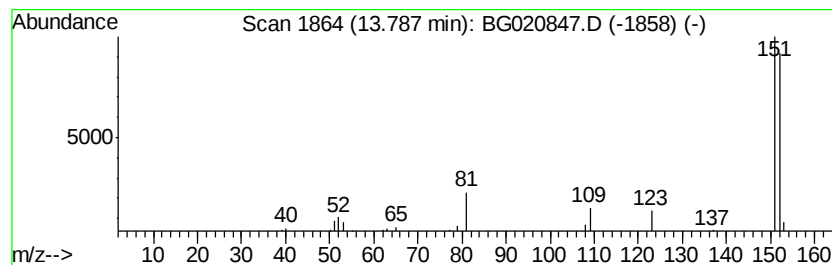
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Peak Number 4 Vanillin Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	2.51 ng/ul	34536	Acenaphthene-d10	14.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin		152	C8H8O3	000121-33-5	95
2	Vanillin		152	C8H8O3	000121-33-5	95
3	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	94
4	Vanillin		152	C8H8O3	000121-33-5	91
5	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	90



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG021016\
Data File : BG020847.D
Acq On : 10 Feb 2016 19:19
Operator : SJ/UM
Sample : H1390-08
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04R8

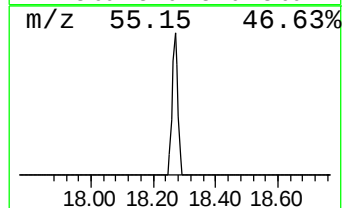
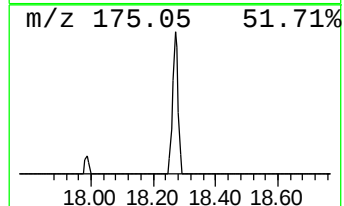
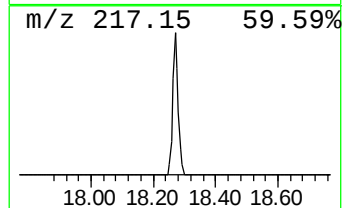
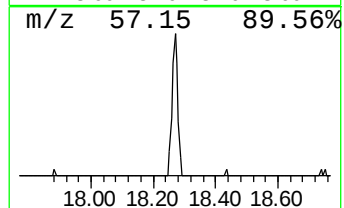
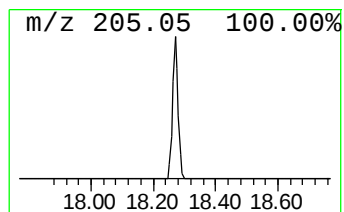
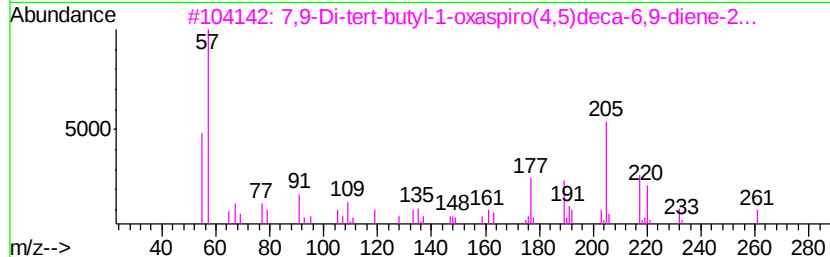
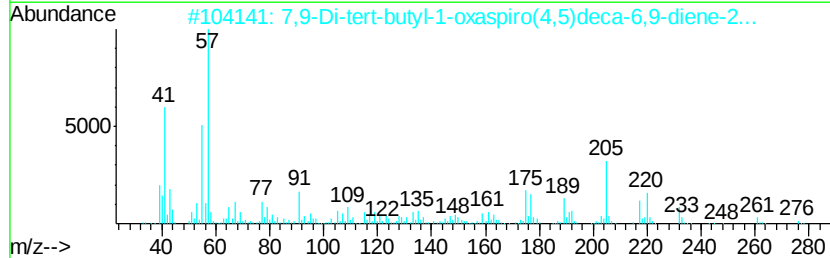
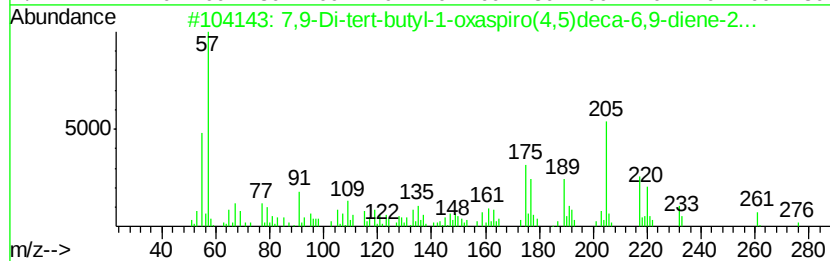
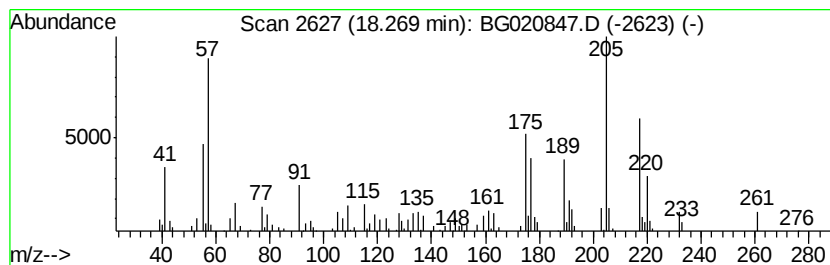
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.27	3.73 ng/ul	55792	Phenanthrene-d10	17.62

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	95
2		7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	93
3		7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	64
4		Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	45
5		2H-1-Benzopyran, 6,7-dimethoxy-2...	220	C13H16O3	000644-06-4	27



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ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C04R8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG020816.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...	3.33	5.9	ng/ul	30828	1	8.27	104078	20.0
Phenol, 2-methoxy-	9.37	12.9	ng/ul	67134	1	8.27	104078	20.0
Vanillin	13.79	2.5	ng/ul	34536	3	14.89	275302	20.0
7,9-Di-tert-butyl...	18.27	3.7	ng/ul	55792	4	17.62	298966	20.0