

Data Path : Z:\HPCHEM1\BNA G\DATA\BG110615\
 Data File : BG019510.D
 Acq On : 6 Nov 2015 13:43
 Operator : UM/NP
 Sample : G4245-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BCY66

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	2.932	15	16	20	rBV2	2051	2571	0.15%	0.017%
2	3.126	43	49	58	rBV	72925	146979	8.80%	0.954%
3	3.208	58	63	74	rVB	270821	408089	24.43%	2.650%
4	3.849	169	172	176	rBV3	5377	7068	0.42%	0.046%
5	4.648	303	308	313	rVB5	7457	10985	0.66%	0.071%
6	5.658	478	480	487	rVB3	2435	3837	0.23%	0.025%
7	6.187	569	570	574	rVB3	3108	3753	0.22%	0.024%
8	6.657	647	650	653	rBV3	4292	5664	0.34%	0.037%
9	7.256	746	752	754	rVB3	2370	3744	0.22%	0.024%
10	7.327	754	764	772	rVB2	42106	84431	5.06%	0.548%
11	7.491	786	792	801	rBV	144634	230682	13.81%	1.498%
12	7.703	822	828	836	rBV	139449	244882	14.66%	1.590%
13	8.179	903	909	915	rBV	140941	238816	14.30%	1.551%
14	8.226	915	917	923	rVB2	8292	11128	0.67%	0.072%
15	8.884	1019	1029	1035	rBV	125767	220470	13.20%	1.432%
16	9.001	1046	1049	1051	rBV4	4100	5175	0.31%	0.034%
17	9.283	1092	1097	1101	rBV	19225	28919	1.73%	0.188%
18	9.348	1101	1108	1120	rVB	200288	363716	21.78%	2.362%
19	9.501	1132	1134	1139	rVB3	3084	3799	0.23%	0.025%
20	9.730	1171	1173	1181	rVB3	3215	5281	0.32%	0.034%
21	10.077	1224	1232	1239	rBV2	187202	331538	19.85%	2.153%
22	10.300	1269	1270	1275	rVB2	2381	2346	0.14%	0.015%
23	10.347	1275	1278	1285	rBV2	1920	4339	0.26%	0.028%
24	10.623	1318	1325	1335	rVB	248237	439691	26.33%	2.855%
25	10.776	1349	1351	1354	rVB	3368	2621	0.16%	0.017%
26	10.899	1367	1372	1379	rVB6	9203	16002	0.96%	0.104%
27	11.011	1382	1391	1396	rBV	192030	350769	21.00%	2.278%
28	11.058	1396	1399	1404	rVB3	8750	13814	0.83%	0.090%
29	11.134	1407	1412	1418	rVB2	6866	12607	0.75%	0.082%
30	11.551	1479	1483	1486	rVB	1708	2279	0.14%	0.015%
31	12.027	1559	1564	1566	rVB2	1385	2412	0.14%	0.016%
32	12.233	1594	1599	1602	rBV3	15409	23291	1.39%	0.151%
33	12.268	1602	1605	1610	rVB2	22460	30433	1.82%	0.198%
34	12.568	1653	1656	1657	rBV2	4650	3628	0.22%	0.024%

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Integration Parameters: LSCINT.P

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35	12.709	1675	1680	1681	rBV	1929	2379	0.14%	0.015%
36	12.873	1705	1708	1711	rVB3	2080	2513	0.15%	0.016%
37	12.997	1727	1729	1733	rVB4	2106	3231	0.19%	0.021%
38	13.167	1754	1758	1762	rBV3	5480	7901	0.47%	0.051%
39	13.408	1794	1799	1805	rBV3	12551	18275	1.09%	0.119%
40	13.502	1811	1815	1817	rBV	1733	2416	0.14%	0.016%
41	13.719	1847	1852	1861	rVB	75144	121166	7.25%	0.787%
42	14.201	1927	1934	1941	rBV	555820	783993	46.94%	5.090%
43	14.260	1941	1944	1948	rVB	3019	3597	0.22%	0.023%
44	14.460	1972	1978	1979	rBV2	1781	2727	0.16%	0.018%
45	14.507	1979	1986	1993	rVB	558247	853086	51.08%	5.539%
46	14.812	2029	2038	2045	rBV2	354437	589181	35.28%	3.826%
47	14.871	2045	2048	2056	rVB4	17783	25035	1.50%	0.163%
48	14.994	2064	2069	2076	rBV2	56239	85381	5.11%	0.554%
49	15.200	2103	2104	2106	rBV2	3082	2647	0.16%	0.017%
50	15.464	2142	2149	2156	rVB	19000	30726	1.84%	0.200%
51	15.576	2164	2168	2170	rBV2	3574	4689	0.28%	0.030%
52	15.799	2199	2206	2213	rVB	739894	1151475	68.94%	7.476%
53	15.905	2215	2224	2231	rBV	313606	450193	26.95%	2.923%
54	15.976	2233	2236	2240	rVV	2513	3760	0.23%	0.024%
55	16.034	2241	2246	2250	rVB2	10194	12266	0.73%	0.080%
56	16.152	2260	2266	2270	rVB2	10540	16049	0.96%	0.104%
57	16.469	2315	2320	2323	rBV	2164	4182	0.25%	0.027%
58	16.628	2341	2347	2349	rBV3	1337	2360	0.14%	0.015%
59	16.751	2362	2368	2371	rBV4	1879	3537	0.21%	0.023%
60	16.781	2371	2373	2377	rVB2	1936	2586	0.15%	0.017%
61	16.998	2406	2410	2412	rBV2	3076	3117	0.19%	0.020%
62	17.127	2428	2432	2436	rBV3	4436	6448	0.39%	0.042%
63	17.274	2454	2457	2460	rBV4	3761	4026	0.24%	0.026%
64	17.333	2464	2467	2468	rBV2	2910	2369	0.14%	0.015%
65	17.550	2497	2504	2511	rVB	560777	826543	49.49%	5.367%
66	17.650	2514	2521	2532	rVB	900987	1348278	80.73%	8.754%
67	17.809	2544	2548	2552	rBV2	10112	13689	0.82%	0.089%
68	18.197	2609	2614	2620	rBV2	158027	214750	12.86%	1.394%
69	18.367	2641	2643	2649	rVB4	3757	5399	0.32%	0.035%
70	18.490	2660	2664	2667	rBV	8441	9399	0.56%	0.061%
71	18.526	2667	2670	2673	rBV3	7458	8095	0.48%	0.053%

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72	18.678	2690	2696	2698	rBV4	12398	13065	0.78%	0.085%
73	18.825	2717	2721	2723	rBV	1865	3206	0.19%	0.021%
74	19.007	2747	2752	2755	rBV4	8867	12609	0.75%	0.082%
75	19.495	2831	2835	2837	rVB3	3643	4074	0.24%	0.026%
76	19.560	2842	2846	2852	rBV2	11560	18404	1.10%	0.119%
77	19.618	2854	2856	2858	rBV3	3321	3005	0.18%	0.020%
78	19.759	2878	2880	2882	rVB3	2812	2422	0.15%	0.016%
79	19.812	2886	2889	2894	rVB2	11389	13118	0.79%	0.085%
80	19.924	2901	2908	2917	rBV	1190573	1646435	98.58%	10.690%
81	20.094	2935	2937	2940	rBV3	2746	2348	0.14%	0.015%
82	20.165	2947	2949	2951	rVB3	3878	2720	0.16%	0.018%
83	20.746	3046	3048	3049	rBV2	7643	7355	0.44%	0.048%
84	21.828	3226	3232	3239	rBV	667182	1102054	65.98%	7.156%
85	24.947	3753	3763	3774	rVB2	584449	1670174	100.00%	10.844%
86	25.182	3792	3803	3814	rBV	352717	1003998	60.11%	6.519%
87	28.332	4337	4339	4340	rBV2	5366	3101	0.19%	0.020%

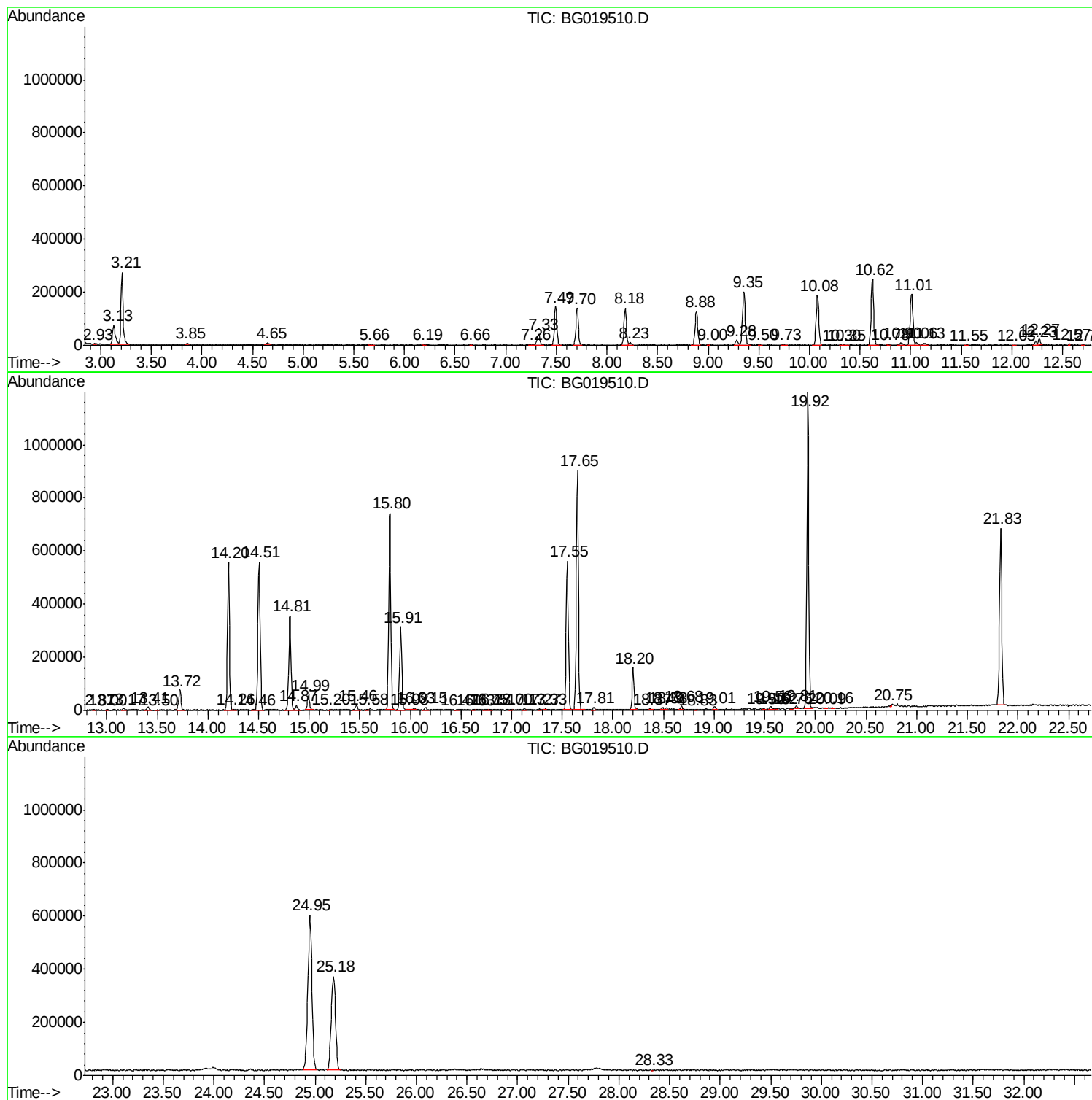
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Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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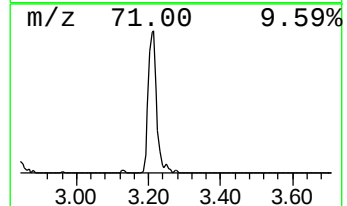
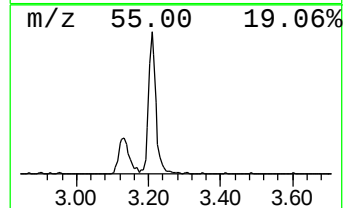
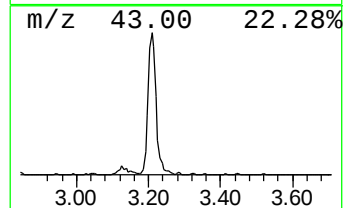
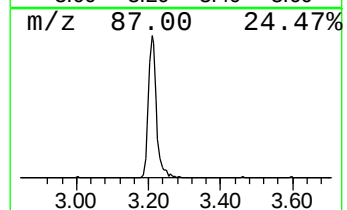
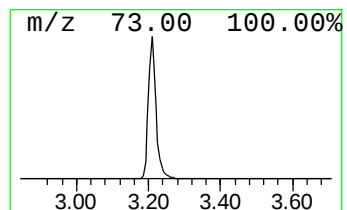
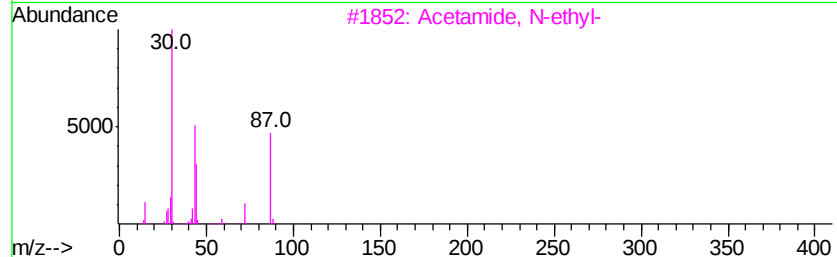
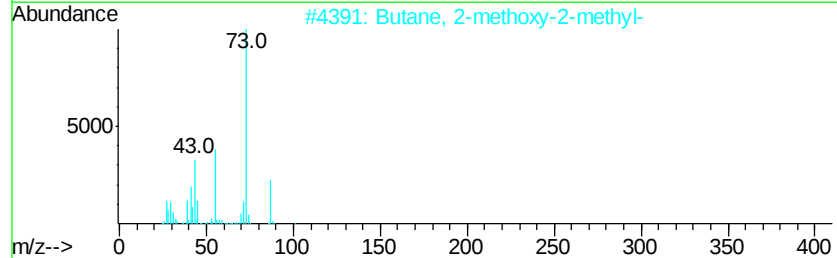
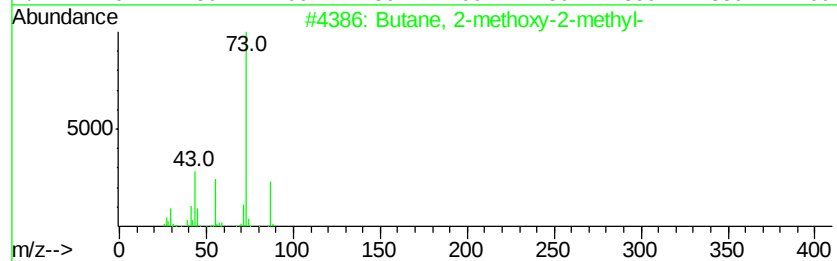
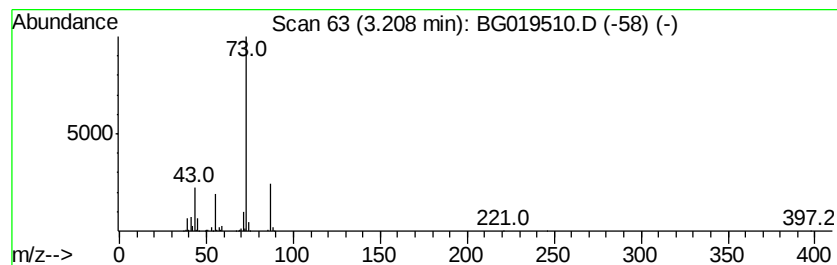
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG102815.M
Quant Title : SVOA CALIBRATION

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	34.18 ng/ul	408089	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	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	39
3		Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9
4		N-Ethylformamide	73	C3H7NO	000627-45-2	9
5		3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9



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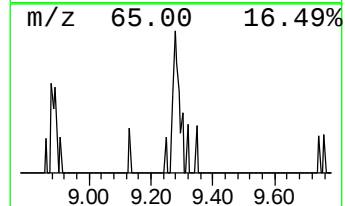
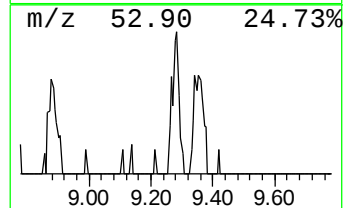
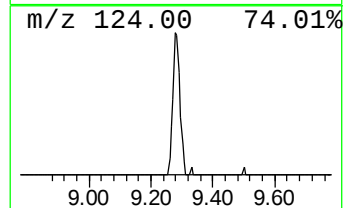
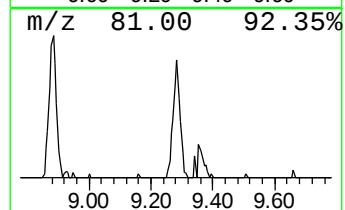
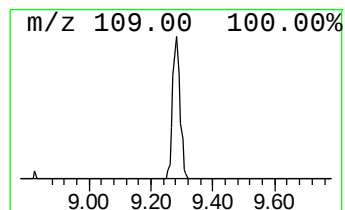
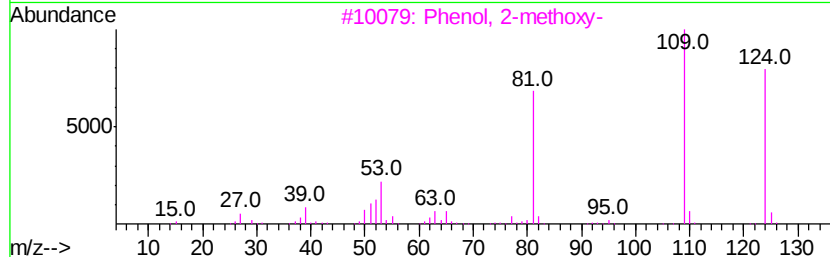
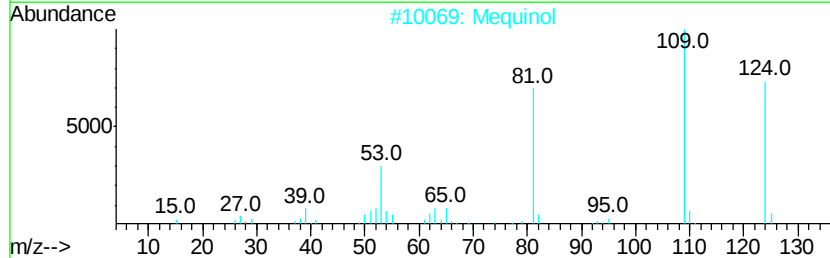
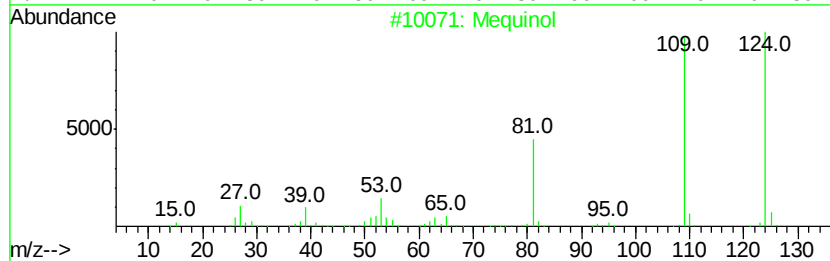
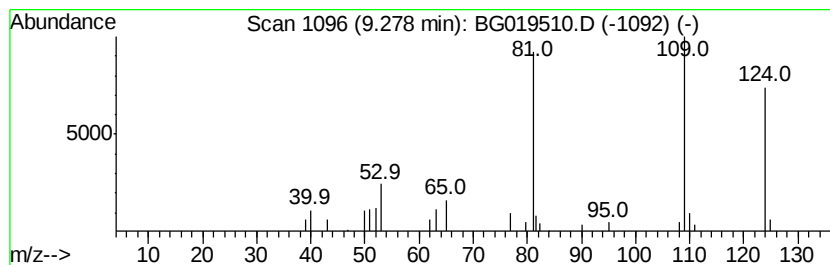
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Quant Title : SVOA CALIBRATION

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

Peak Number 3 Mequinol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.28	2.42 ng/ul	28919	1,4-Dichlorobenzene-d4	8.18

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mequinol	124	C7H8O2	000150-76-5	86
2		Mequinol	124	C7H8O2	000150-76-5	58
3		Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	52
4		2-Oxo-2,3-dihydro-1H-imidazole-4...	109	C4H3N3O	1000294-08-6	50
5		Mequinol	124	C7H8O2	000150-76-5	49



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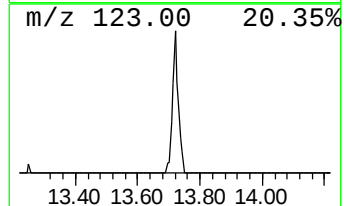
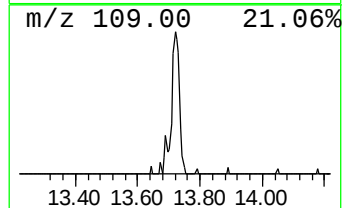
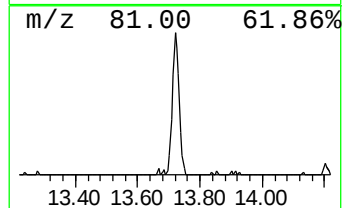
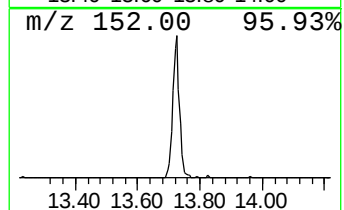
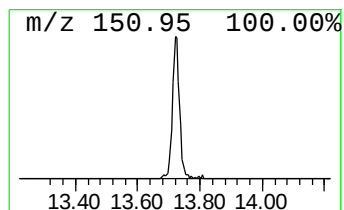
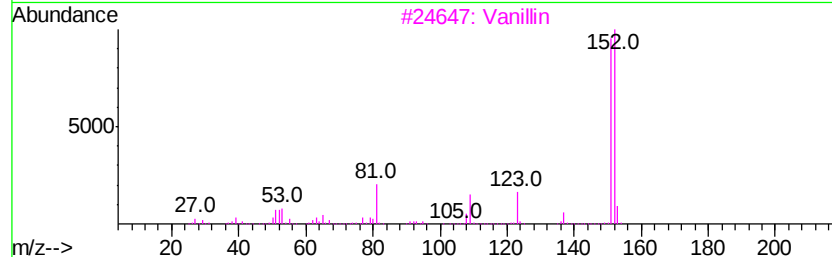
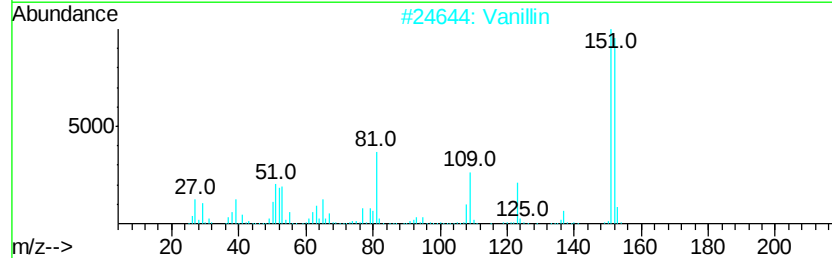
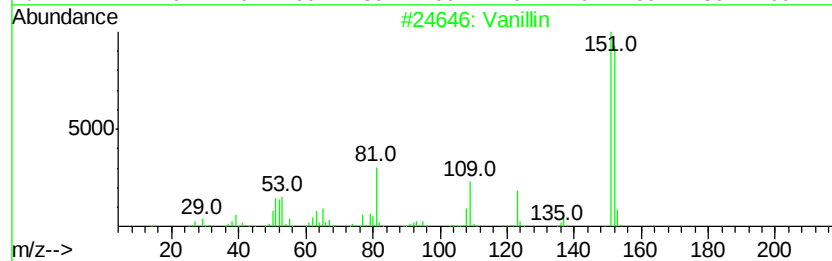
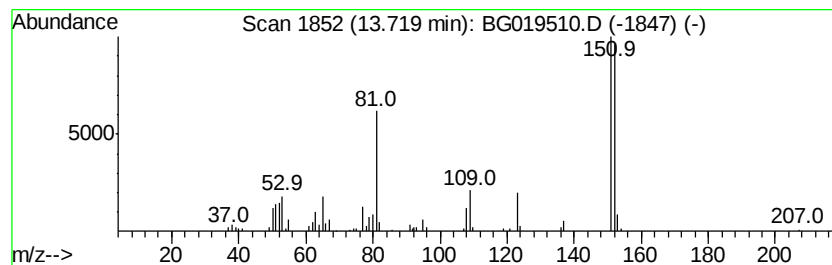
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Quant Title : SVOA CALIBRATION

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

Peak Number 4 Vanillin Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.11 ng/ul	121166	Acenaphthene-d10	14.81

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vanillin		152	C8H8O3	000121-33-5	97
2	Vanillin		152	C8H8O3	000121-33-5	97
3	Vanillin		152	C8H8O3	000121-33-5	96
4	Vanillin		152	C8H8O3	000121-33-5	95
5	Benzaldehyde, 3-hydroxy-4-methoxy-		152	C8H8O3	000621-59-0	94



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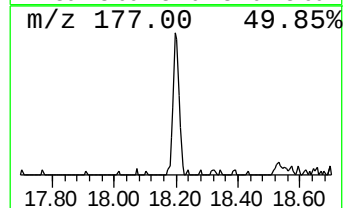
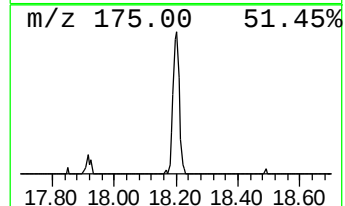
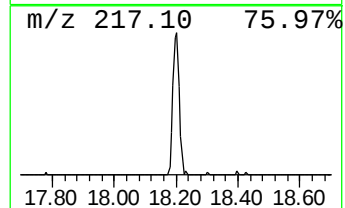
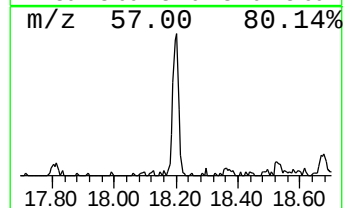
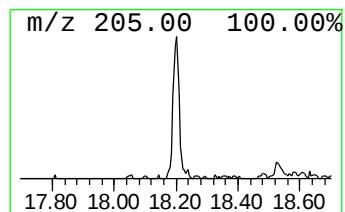
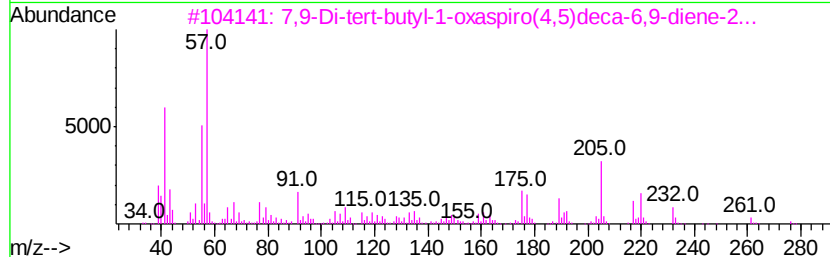
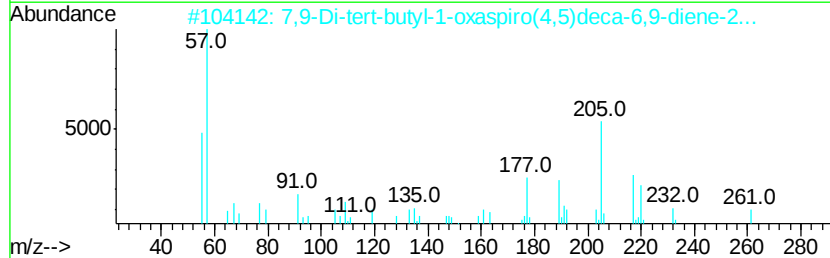
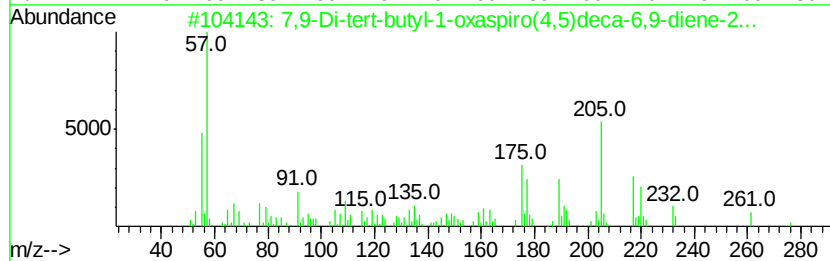
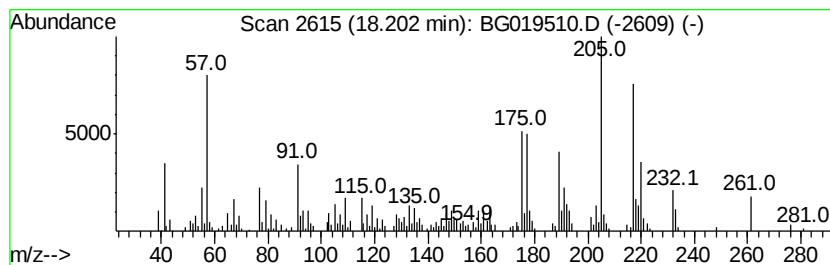
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Quant Title : SVOA CALIBRATION

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

Peak Number 5 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.20	5.20 ng/ul	214750	Phenanthrene-d10	17.55

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	76
2		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	60
3		7,9-Di-tert-butyl-1-oxaspiro(4,5)deca-6,9-diene-2-one	276	C17H24O3	082304-66-3	47
4		Ethanone, 1-(5,6,7,8-tetrahydro-2H-chromeno[2,1-b]pyridin-2-yl)-	220	C14H20O2	071596-88-8	42
5		1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	30



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG110615\
Data File : BG019510.D
Acq On : 6 Nov 2015 13:43
Operator : UM/NP
Sample : G4245-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BCY66

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.21	34.2	ng/ul	408089	1	8.18	238816	20.0
Mequinol	9.28	2.4	ng/ul	28919	1	8.18	238816	20.0
Vanillin	13.72	4.1	ng/ul	121166	3	14.81	589181	20.0
7,9-Di-tert-butyl...	18.20	5.2	ng/ul	214750	4	17.55	826543	20.0