

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019677.D
 Acq On : 18 Nov 2015 2:07
 Operator : UM/NP
 Sample : G4427-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC796

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-BG111615.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	3.084	38	42	51	rBV	29128	52114	5.09%	0.452%
2	3.166	51	56	69	rVB	319834	447479	43.71%	3.879%
3	3.448	100	104	110	rVB3	6163	9271	0.91%	0.080%
4	5.181	395	399	404	rVB2	3030	4699	0.46%	0.041%
5	5.428	437	441	447	rVB	9845	14326	1.40%	0.124%
6	7.038	710	715	721	rBV2	21968	32613	3.19%	0.283%
7	7.296	751	759	769	rVB	127483	229834	22.45%	1.992%
8	7.461	778	787	794	rBV	103104	162434	15.87%	1.408%
9	7.672	817	823	831	rBV	118915	200638	19.60%	1.739%
10	7.925	860	866	873	rBV3	3424	5753	0.56%	0.050%
11	8.148	898	904	911	rVB2	68400	107763	10.53%	0.934%
12	8.853	1018	1024	1033	rBV	167271	280722	27.42%	2.434%
13	9.318	1095	1103	1112	rBV	128544	224969	21.98%	1.950%
14	9.435	1117	1123	1127	rBV4	8169	14201	1.39%	0.123%
15	10.046	1220	1227	1234	rVB	111066	198916	19.43%	1.724%
16	10.593	1313	1320	1328	rVB	162326	286281	27.96%	2.482%
17	10.728	1338	1343	1349	rVB4	3241	5493	0.54%	0.048%
18	10.974	1378	1385	1393	rBV	109900	188532	18.42%	1.634%
19	11.110	1401	1408	1418	rBV	137476	252904	24.70%	2.192%
20	11.744	1512	1516	1523	rBV3	5707	10100	0.99%	0.088%
21	11.967	1550	1554	1561	rBV2	4899	9155	0.89%	0.079%
22	12.931	1711	1718	1723	rBV3	6298	8731	0.85%	0.076%
23	13.137	1746	1753	1758	rVB5	8137	13695	1.34%	0.119%
24	13.383	1790	1795	1801	rVB2	12391	17959	1.75%	0.156%
25	13.583	1826	1829	1834	rVB3	4181	6121	0.60%	0.053%
26	13.701	1845	1849	1853	rVB	5243	7842	0.77%	0.068%
27	13.877	1874	1879	1884	rBV3	2532	3988	0.39%	0.035%
28	14.036	1902	1906	1911	rVB3	2676	3998	0.39%	0.035%
29	14.177	1924	1930	1934	rBV	359515	517219	50.52%	4.484%
30	14.224	1934	1938	1944	rVV	355010	489378	47.80%	4.242%
31	14.276	1944	1947	1953	rVV2	1959	3726	0.36%	0.032%
32	14.400	1964	1968	1974	rVB4	3910	6056	0.59%	0.052%
33	14.476	1974	1981	1988	rBV	261122	414706	40.51%	3.595%
34	14.652	2007	2011	2016	rVB2	16965	21776	2.13%	0.189%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019677.D
 Acq On : 18 Nov 2015 2:07
 Operator : UM/NP
 Sample : G4427-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC796

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-BG111615.M
 Title : SVOA CALIBRATION

35	14.782	2027	2033	2041	rVB2	280640	439992	42.98%	3.814%
36	14.858	2041	2046	2053	rVB5	3111	6293	0.61%	0.055%
37	14.970	2057	2065	2071	rBV	183666	282783	27.62%	2.451%
38	15.181	2097	2101	2105	rVV6	3166	6612	0.65%	0.057%
39	15.275	2109	2117	2122	rVB6	5121	10500	1.03%	0.091%
40	15.334	2122	2127	2132	rVB4	3776	6243	0.61%	0.054%
41	15.551	2160	2164	2168	rBV	7894	12265	1.20%	0.106%
42	15.598	2168	2172	2178	rVB	26138	32107	3.14%	0.278%
43	15.657	2178	2182	2187	rBV5	2435	3629	0.35%	0.031%
44	15.769	2195	2201	2207	rBV	329198	490027	47.87%	4.248%
45	15.880	2214	2220	2231	rVB	158730	230800	22.54%	2.001%
46	16.010	2233	2242	2246	rVB7	8604	17410	1.70%	0.151%
47	16.098	2255	2257	2263	rVB7	3343	5448	0.53%	0.047%
48	16.221	2274	2278	2283	rVB3	4413	5361	0.52%	0.046%
49	16.456	2314	2318	2322	rBV	22289	33830	3.30%	0.293%
50	16.591	2337	2341	2344	rVB	7199	8470	0.83%	0.073%
51	16.644	2344	2350	2355	rBV6	10492	16371	1.60%	0.142%
52	16.709	2355	2361	2366	rBV6	8490	15961	1.56%	0.138%
53	16.750	2366	2368	2371	rVB4	4257	4895	0.48%	0.042%
54	16.797	2373	2376	2377	rBV3	4021	3926	0.38%	0.034%
55	16.909	2390	2395	2400	rVB7	9043	16948	1.66%	0.147%
56	16.973	2400	2406	2409	rBV2	12135	17200	1.68%	0.149%
57	17.044	2415	2418	2421	rVB4	5968	8123	0.79%	0.070%
58	17.249	2448	2453	2456	rBV3	14143	19419	1.90%	0.168%
59	17.302	2460	2462	2465	rVB3	6212	6227	0.61%	0.054%
60	17.520	2493	2499	2504	rVV	437175	665476	65.00%	5.769%
61	17.567	2504	2507	2510	rVV	26300	38445	3.76%	0.333%
62	17.620	2510	2516	2527	rVB2	370457	567956	55.48%	4.924%
63	17.778	2541	2543	2547	rVB5	4803	4847	0.47%	0.042%
64	17.866	2556	2558	2563	rBV5	3508	4425	0.43%	0.038%
65	17.984	2575	2578	2582	rVV4	8551	11401	1.11%	0.099%
66	18.031	2582	2586	2593	rVB7	4856	9384	0.92%	0.081%
67	18.289	2625	2630	2635	rVB4	4055	7580	0.74%	0.066%
68	18.383	2642	2646	2651	rBV5	17726	28968	2.83%	0.251%
69	18.442	2652	2656	2658	rBV4	8149	12647	1.24%	0.110%
70	18.519	2663	2669	2674	rBV4	6803	14751	1.44%	0.128%
71	18.595	2676	2682	2685	rBV4	11406	18284	1.79%	0.159%

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
 Data File : BG019677.D
 Acq On : 18 Nov 2015 2:07
 Operator : UM/NP
 Sample : G4427-03
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BC796

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-BG111615.M
 Title : SVOA CALIBRATION

72	18.677	2692	2696	2698	rBV3	5869	6251	0.61%	0.054%
73	18.895	2728	2733	2735	rBV6	10183	15456	1.51%	0.134%
74	18.983	2744	2748	2751	rBV5	8107	12239	1.20%	0.106%
75	19.118	2767	2771	2773	rBV5	6637	9553	0.93%	0.083%
76	19.147	2773	2776	2779	rVV4	5455	6896	0.67%	0.060%
77	19.235	2787	2791	2795	rVB4	18144	20134	1.97%	0.175%
78	19.318	2798	2805	2810	rVV6	34274	58580	5.72%	0.508%
79	19.558	2842	2846	2851	rVB	101907	144052	14.07%	1.249%
80	19.711	2869	2872	2874	rBV3	8625	11341	1.11%	0.098%
81	19.776	2879	2883	2889	rBV3	21627	32081	3.13%	0.278%
82	19.893	2897	2903	2916	rVB2	400353	684504	66.86%	5.934%
83	20.405	2986	2990	2998	rVB4	32546	57959	5.66%	0.502%
84	20.504	3003	3007	3012	rBV2	29166	45098	4.41%	0.391%
85	20.781	3051	3054	3058	rVB	34142	45598	4.45%	0.395%
86	20.992	3087	3090	3093	rBV2	27145	33366	3.26%	0.289%
87	21.045	3095	3099	3104	rVB2	62067	95905	9.37%	0.831%
88	21.398	3155	3159	3165	rVB3	60736	87763	8.57%	0.761%
89	21.550	3182	3185	3189	rVB2	29295	35313	3.45%	0.306%
90	21.791	3218	3226	3231	rBV	591177	1023735	100.00%	8.875%
91	22.808	3395	3399	3417	rVB	44747	150116	14.66%	1.301%
92	23.078	3440	3445	3453	rVB8	22985	55732	5.44%	0.483%
93	23.489	3511	3515	3520	rVB2	23360	38149	3.73%	0.331%
94	23.871	3573	3580	3584	rBV7	9868	23988	2.34%	0.208%
95	24.077	3604	3615	3616	rBV3	31256	94247	9.21%	0.817%
96	24.423	3668	3674	3683	rVB7	30342	73264	7.16%	0.635%
97	24.788	3729	3736	3742	rBV5	29834	79614	7.78%	0.690%
98	24.870	3743	3750	3759	rVV	144892	376420	36.77%	3.263%
99	25.111	3780	3791	3801	rBV3	300947	875806	85.55%	7.592%
100	32.073	4973	4976	4977	rBV3	4028	3916	0.38%	0.034%

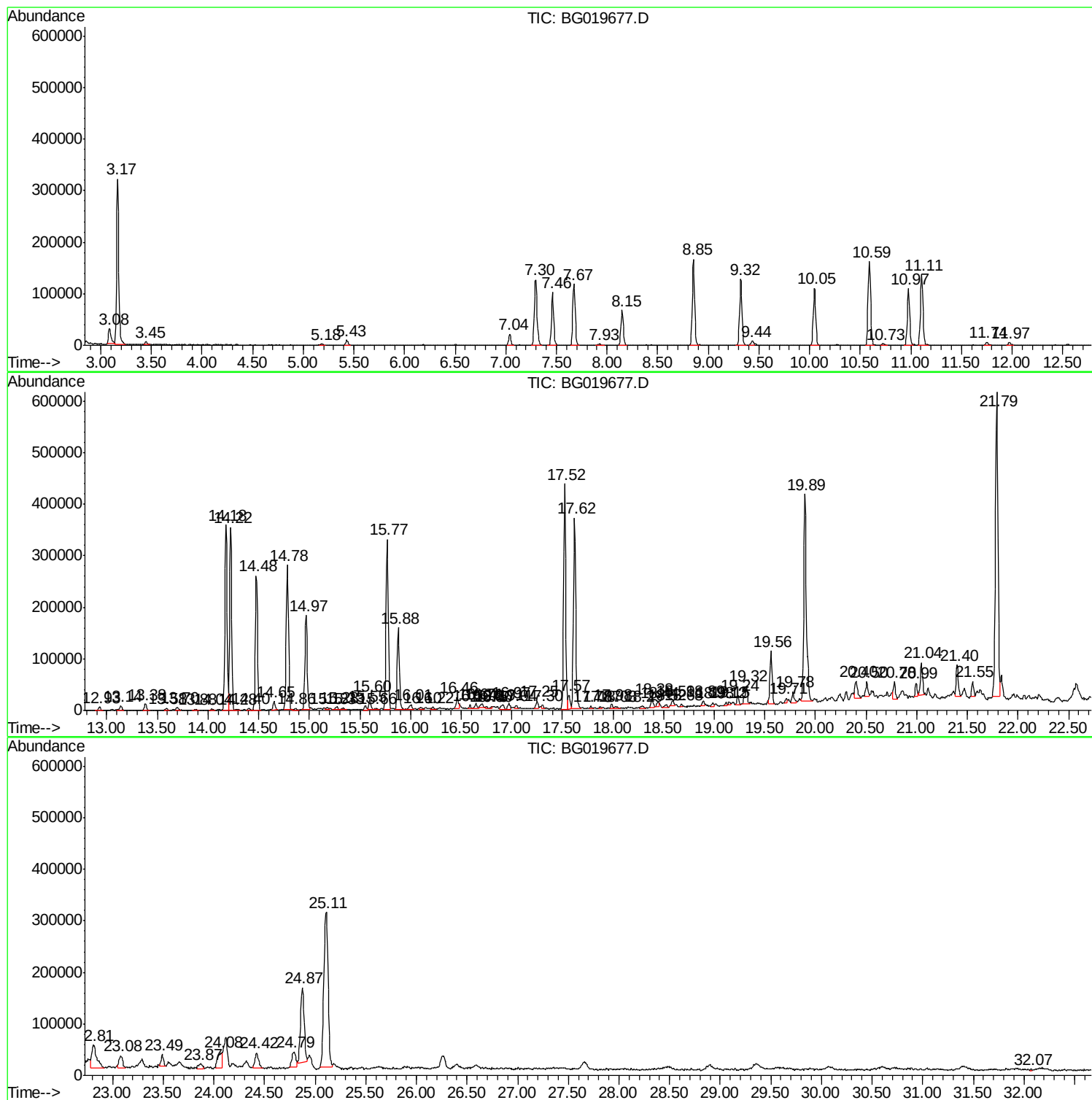
Sum of corrected areas: 11535472

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019677.D
Acq On : 18 Nov 2015 2:07
Operator : UM/NP
Sample : G4427-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC796

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019677.D
Acq On : 18 Nov 2015 2:07
Operator : UM/NP
Sample : G4427-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC796

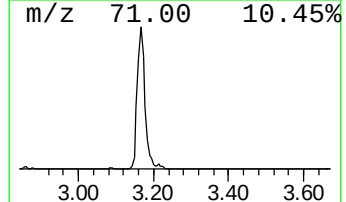
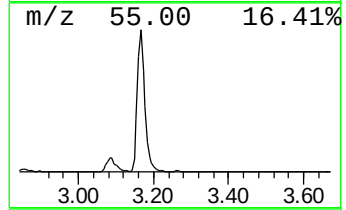
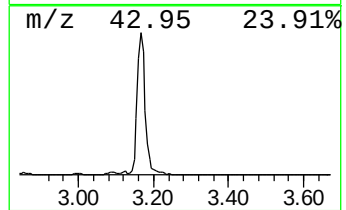
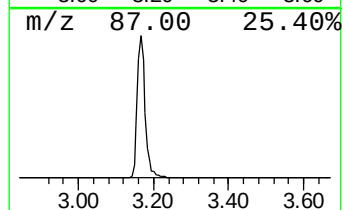
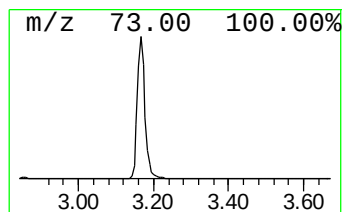
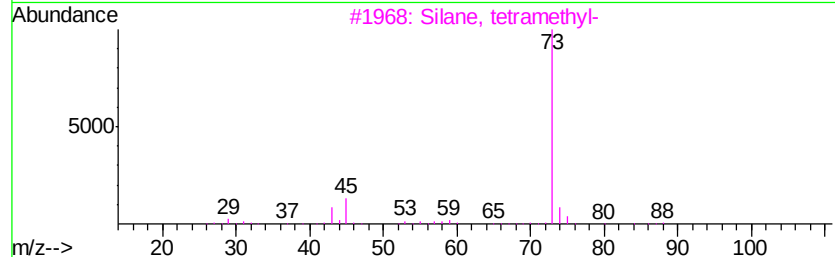
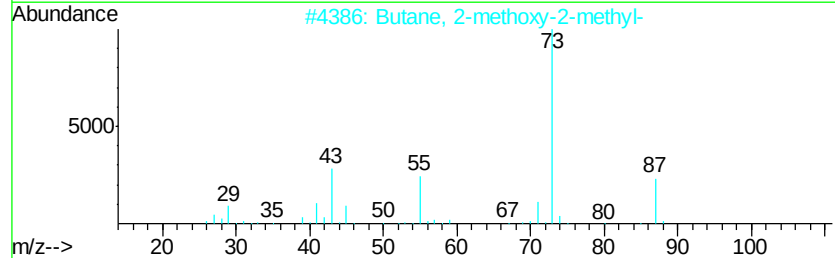
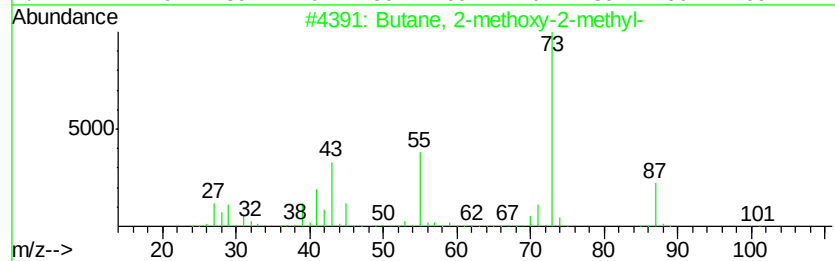
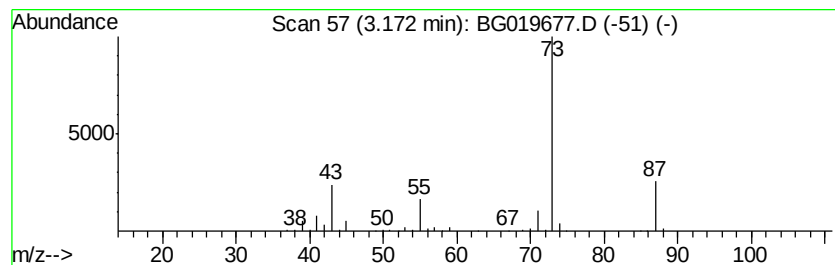
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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.
3.17	83.05 ng/ul	447479	1,4-Dichlorobenzene-d4	8.15

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	50
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
5		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019677.D
Acq On : 18 Nov 2015 2:07
Operator : UM/NP
Sample : G4427-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC796

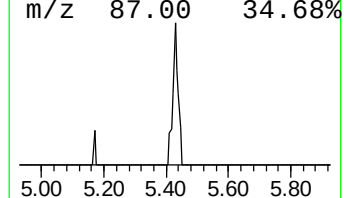
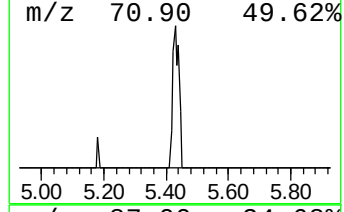
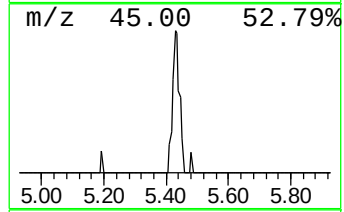
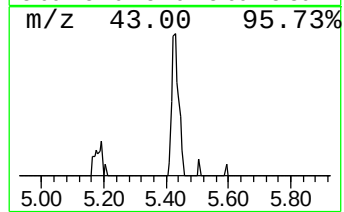
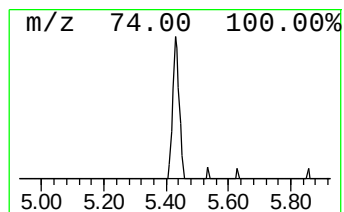
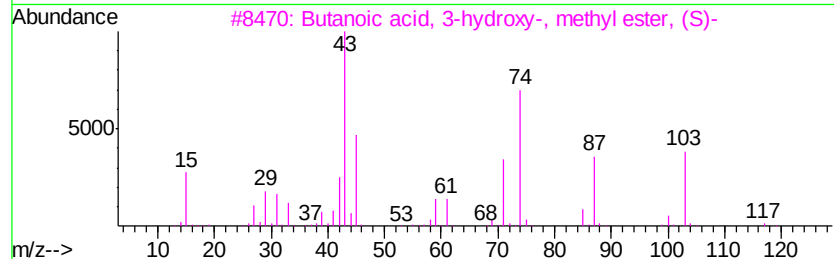
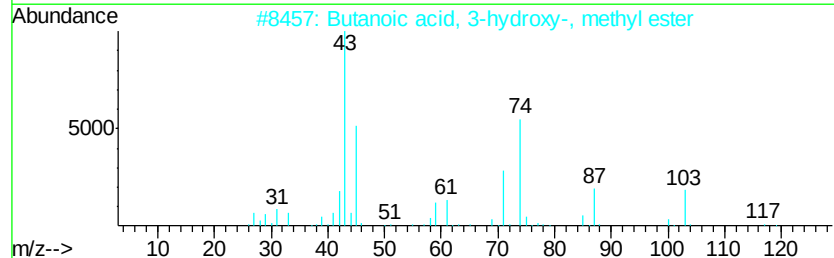
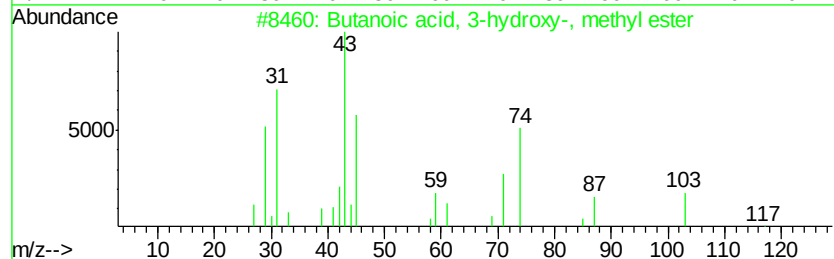
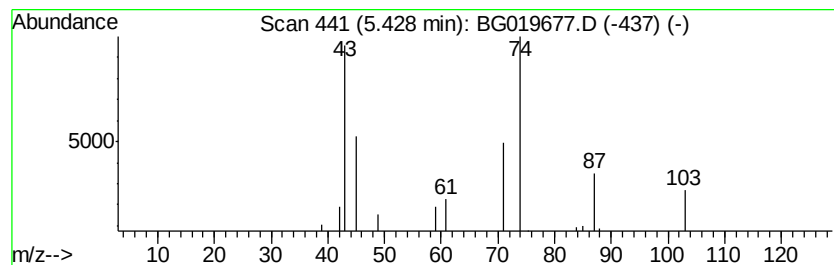
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 3 Butanoic acid, 3-hydroxy-, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.43	2.66 ng/ul	14326	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butanoic acid, 3-hydroxy-, methyl ester	118	C5H10O3	001487-49-6	80
2		Butanoic acid, 3-hydroxy-, methyl ester	118	C5H10O3	001487-49-6	78
3		Butanoic acid, 3-hydroxy-, methyl ester	118	C5H10O3	053562-86-0	72
4		(R)-(-)-Methyl 3-hydroxybutyrate	118	C5H10O3	003976-69-0	56
5		Butanoic acid, 3-hydroxy-, methyl ester	118	C5H10O3	053562-86-0	56



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019677.D
Acq On : 18 Nov 2015 2:07
Operator : UM/NP
Sample : G4427-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC796

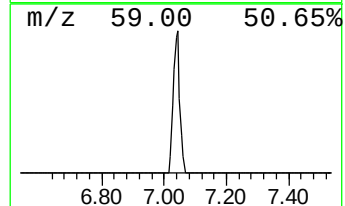
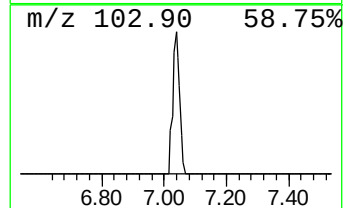
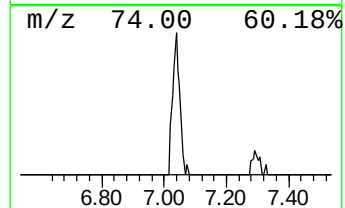
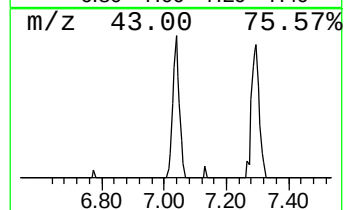
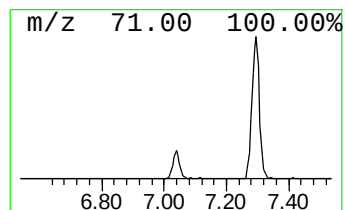
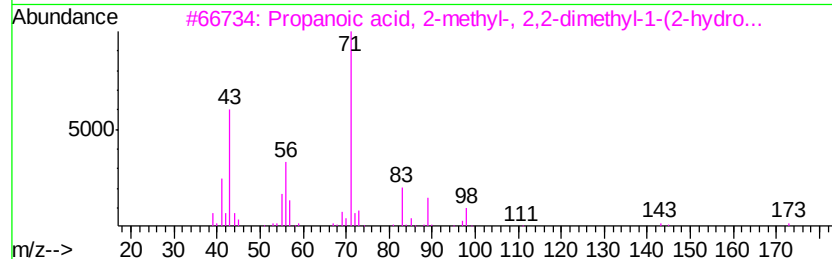
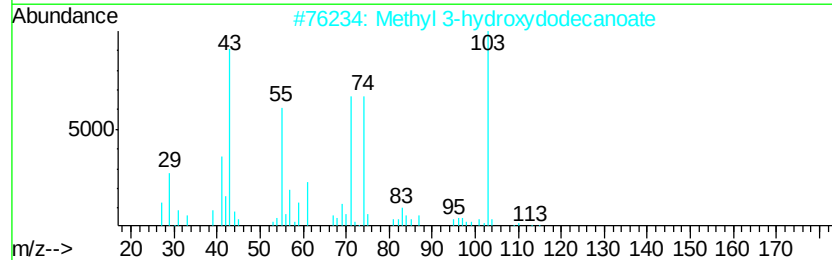
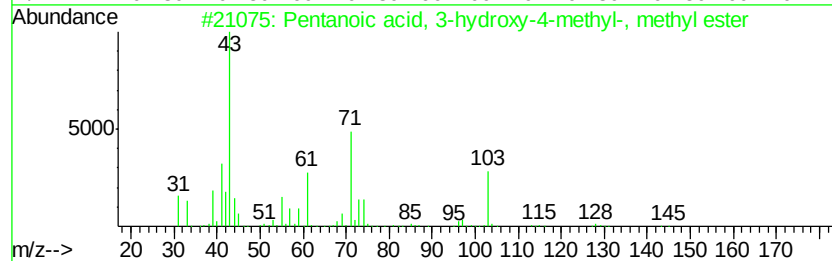
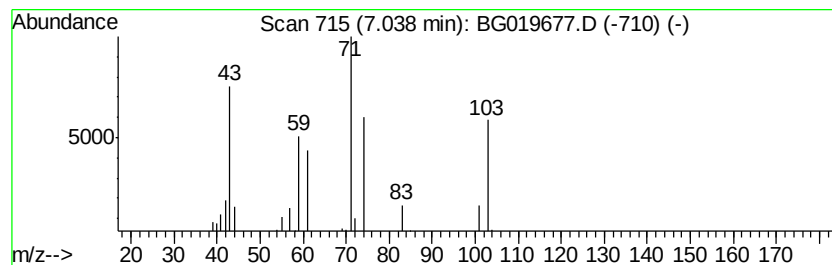
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 4 Pentanoic acid, 3-hydroxy-4... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.04	6.05 ng/ul	32613	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Pentanoic acid, 3-hydroxy-4-meth...	146	C7H14O3	065596-31-8	53
2		Methyl 3-hydroxydodecanoate	230	C13H26O3	072864-23-4	47
3		Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	10
4		2-Furanmethanol, tetrahydro-	102	C5H10O2	000097-99-4	10
5		Cyanoic acid, ethyl ester	71	C3H5NO	000627-48-5	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019677.D
Acq On : 18 Nov 2015 2:07
Operator : UM/NP
Sample : G4427-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC796

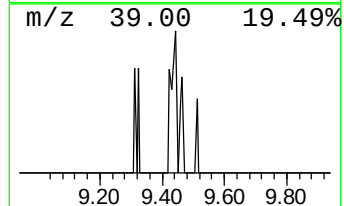
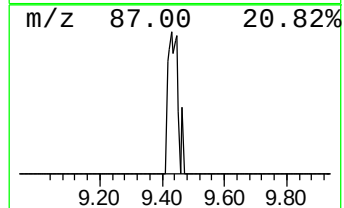
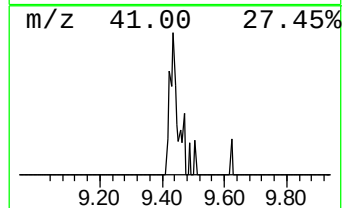
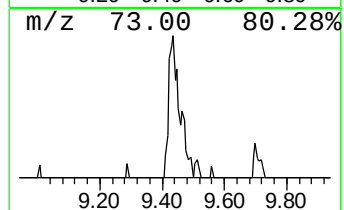
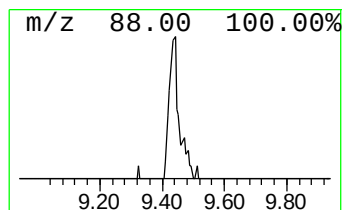
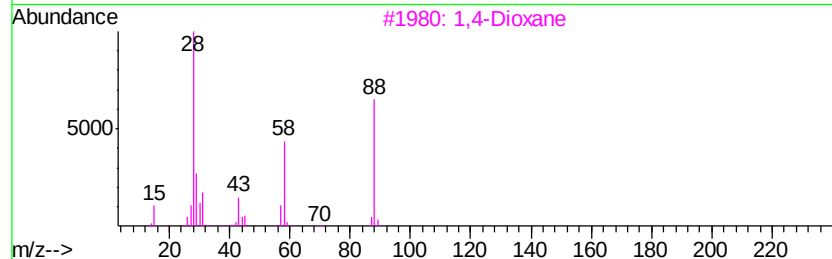
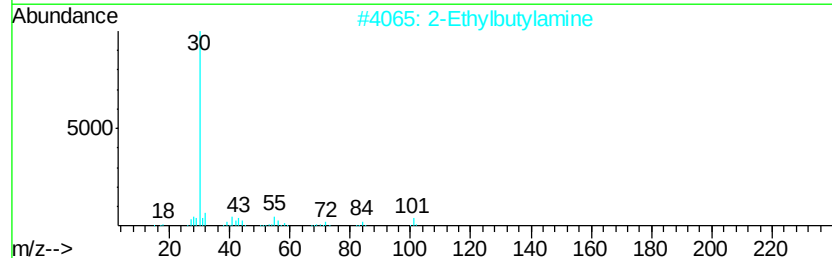
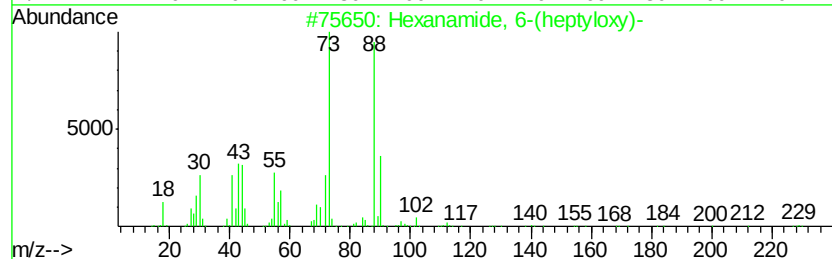
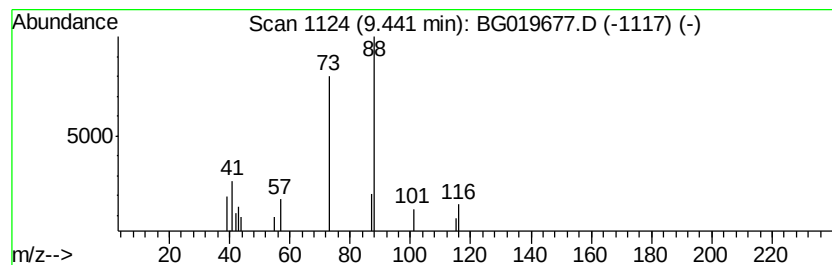
Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 5 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.44	2.64 ng/ul	14201	1,4-Dichlorobenzene-d4	8.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Hexanamide, 6-(heptyloxy)-	229	C13H27NO2	055191-08-7	36
2		2-Ethylbutylamine	101	C6H15N	000617-79-8	9
3		1,4-Dioxane	88	C4H8O2	000123-91-1	9
4		1-Pentanamine	87	C5H13N	000110-58-7	9
5		Urea, N,N'-dimethyl-	88	C3H8N2O	000096-31-1	9



Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019677.D
Acq On : 18 Nov 2015 2:07
Operator : UM/NP
Sample : G4427-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

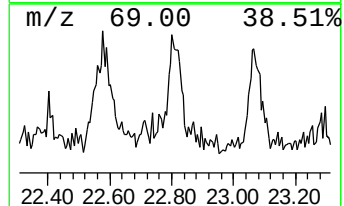
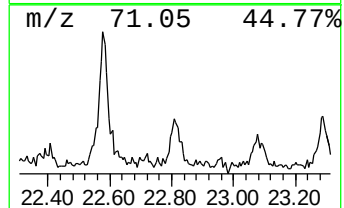
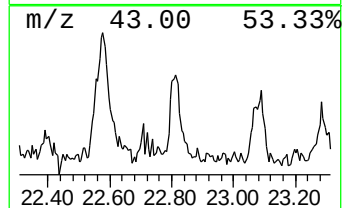
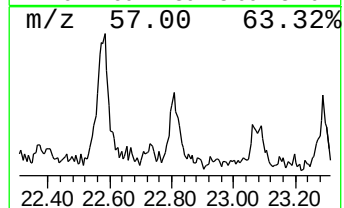
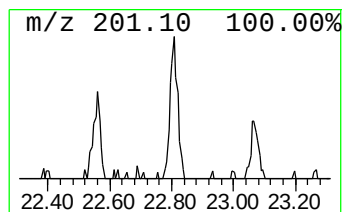
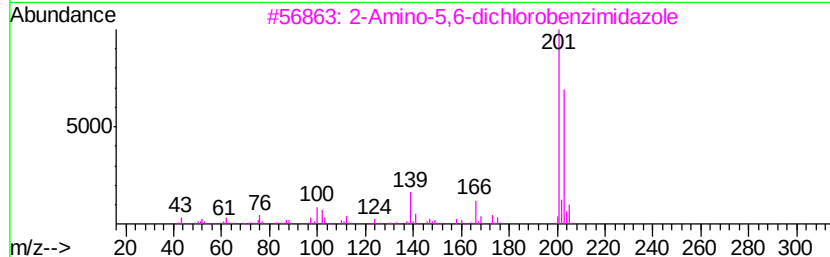
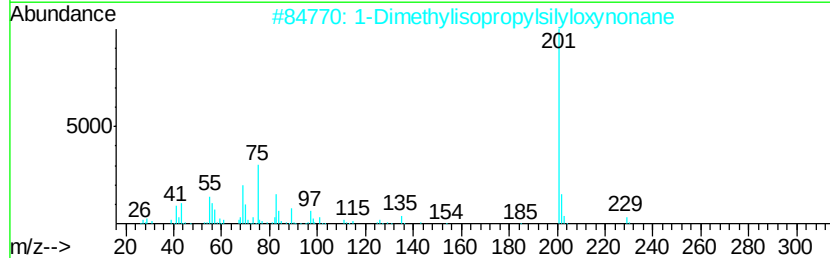
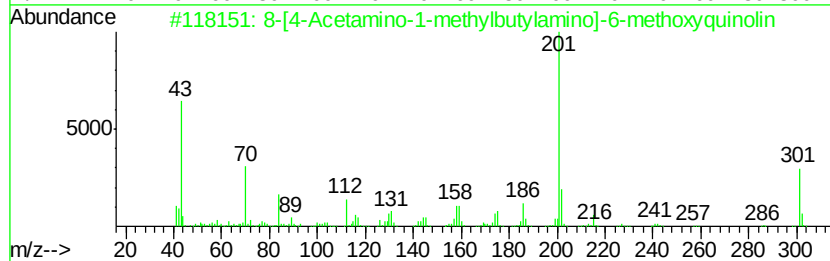
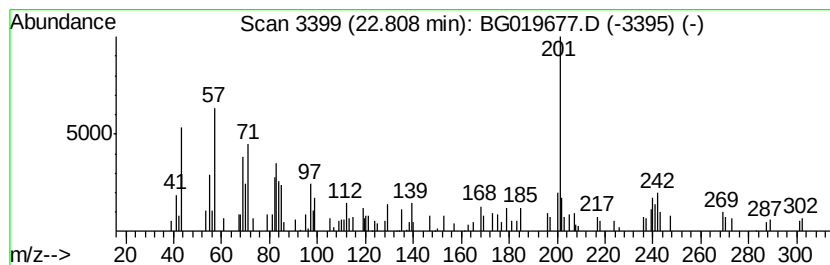
Instrument :
BNA_G
ClientSampleId :
BC796

Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 unknown-02 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.81	2.93 ng/ul	150116	Chrysene-d12	21.79
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	8-[4-Acetamino-1-methylbutylamin...	301 C17H23N3O2	077229-67-5	22
2	1-Dimethylisopropylsilyloxynonane	244 C14H32OSi	1000283-07-0	22
3	2-Amino-5,6-dichlorobenzimidazole	201 C7H5Cl2N3	018672-03-2	14
4	Thieno(2,3-b)quinoline-9-oxide	201 C11H7NOS	094734-32-4	14
5	Thiabendazole	201 C10H7N3S	000148-79-8	14



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111715\
Data File : BG019677.D
Acq On : 18 Nov 2015 2:07
Operator : UM/NP
Sample : G4427-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC796

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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...	3.17	83.0	ng/ul	447479	1	8.15	107763	20.0
Butanoic acid, 3-...	5.43	2.7	ng/ul	14326	1	8.15	107763	20.0
Pentanoic acid, 3...	7.04	6.0	ng/ul	32613	1	8.15	107763	20.0
unknown-01	9.44	2.6	ng/ul	14201	1	8.15	107763	20.0
unknown-02	22.81	2.9	ng/ul	150116	5	21.79	1023740	20.0