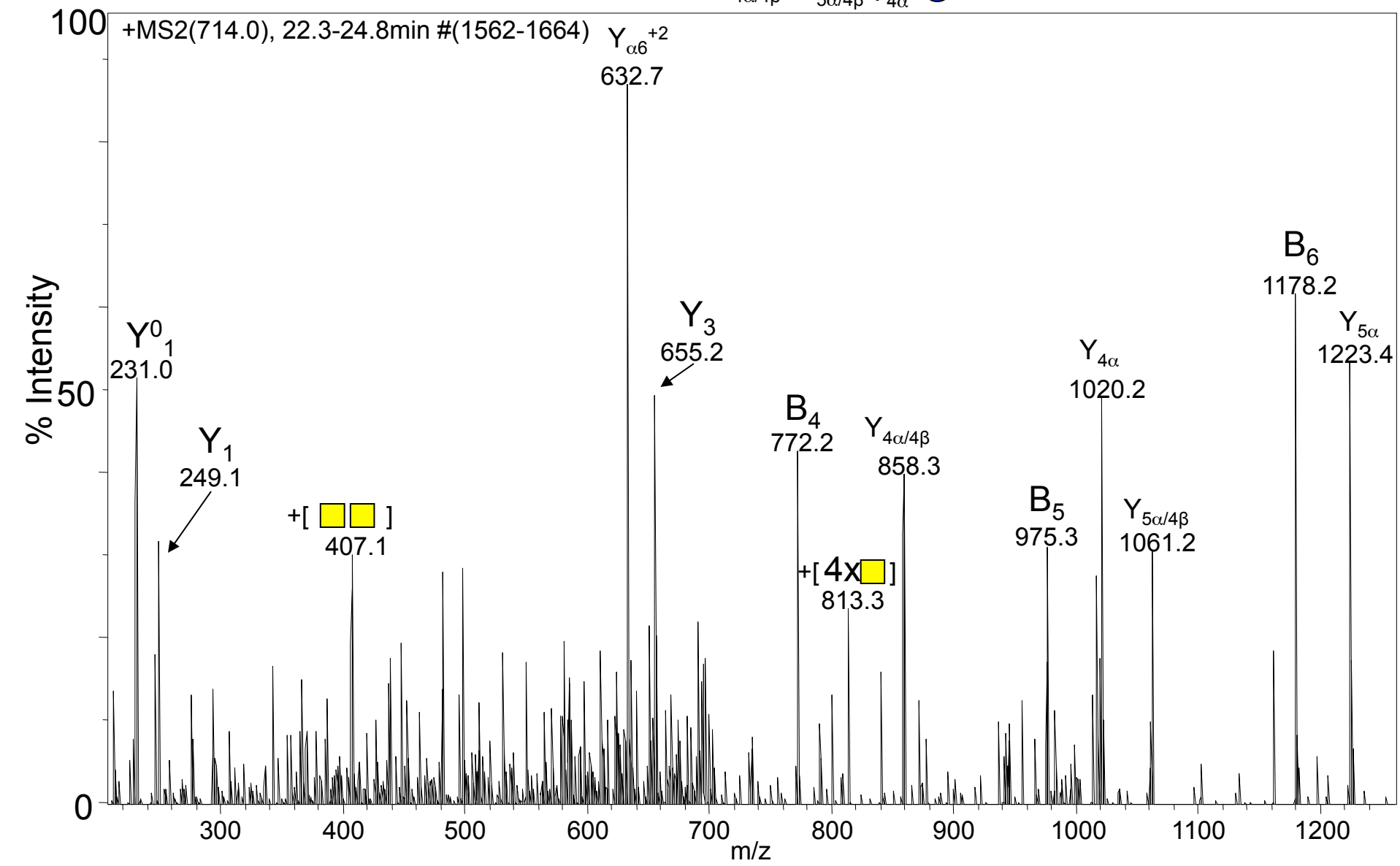
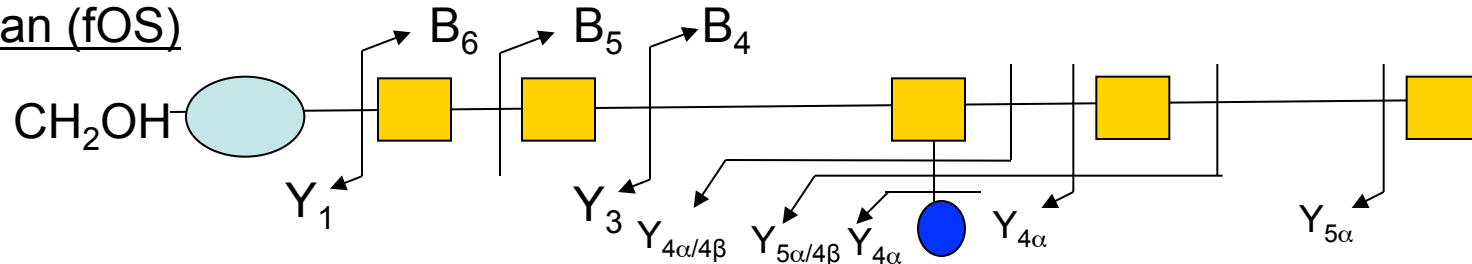
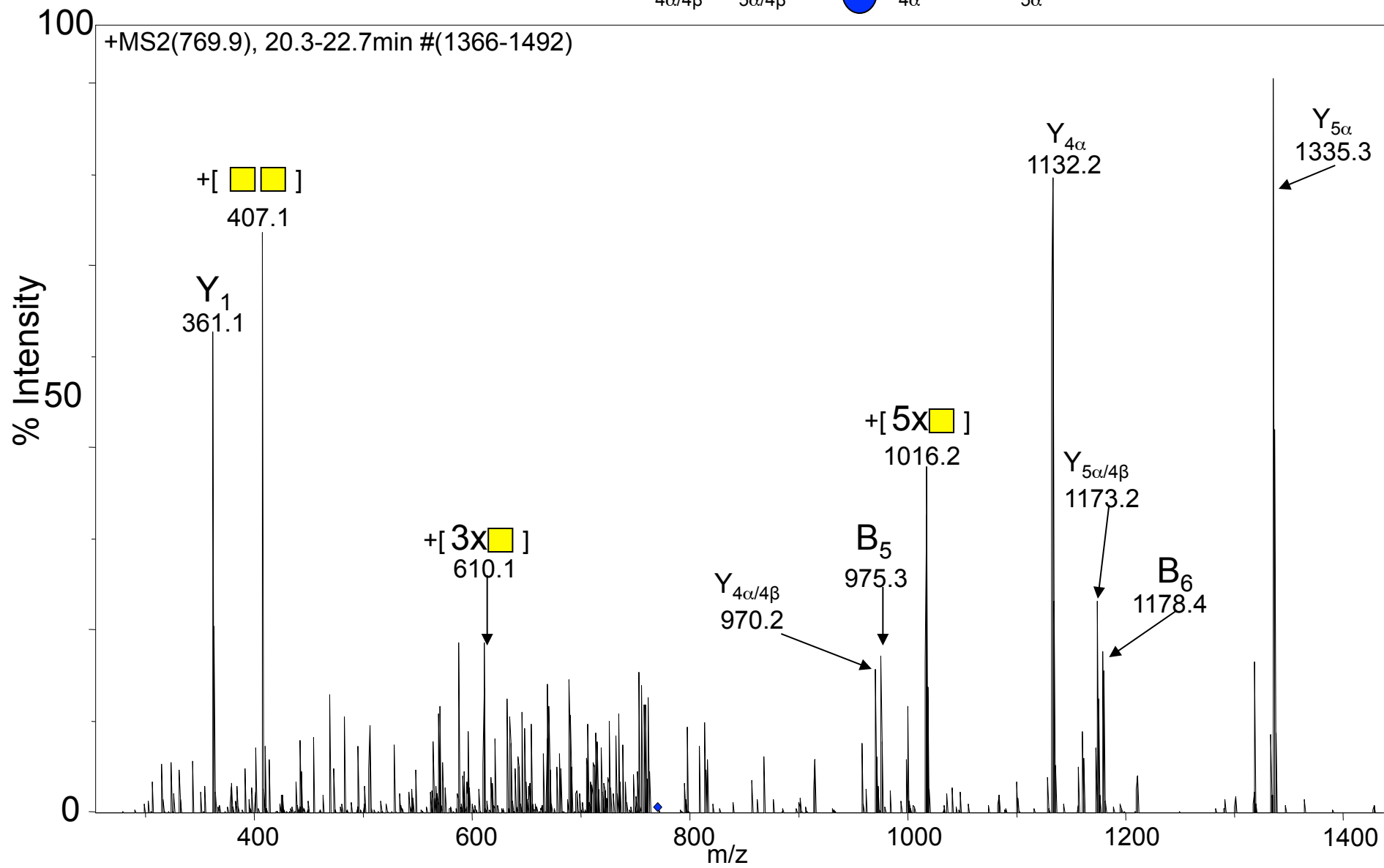
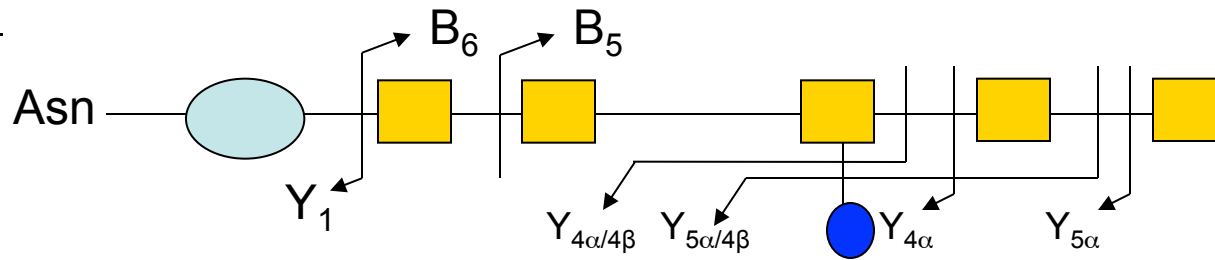


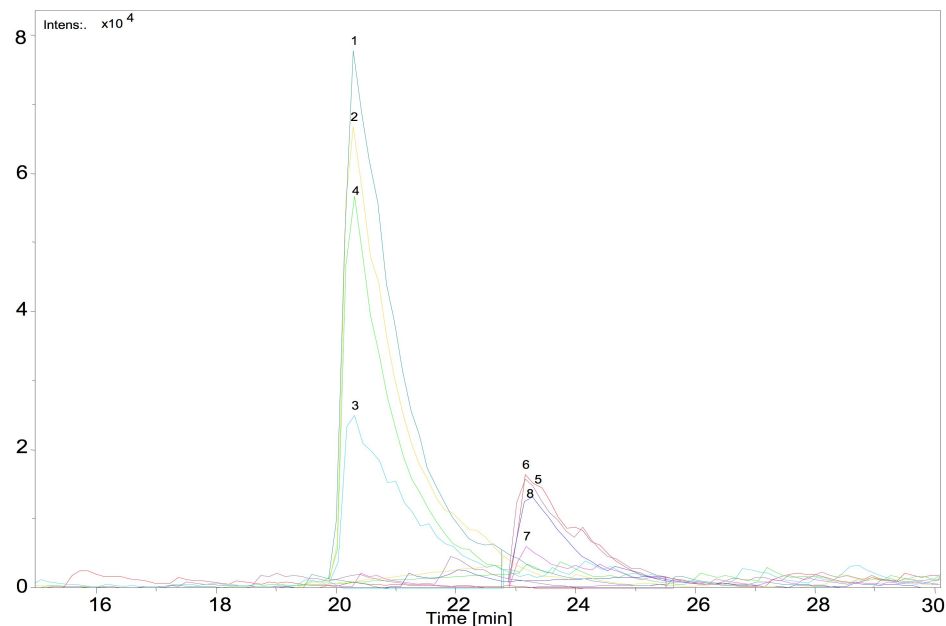
Reduced N-glycan (fOS)



Bound N-glycan



11168 GS representative chromatogram



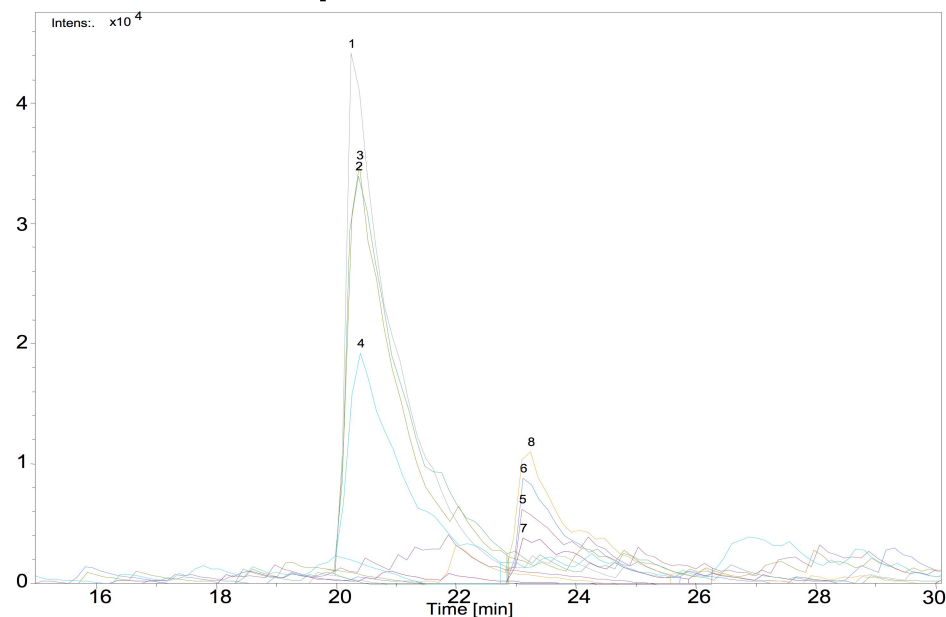
Bound N-glycan

- GS mrm: EIC 361.1 +MS3(769.9->i361.1)
- GS mrm: EIC 1132.3 +MS3(769.9->i1132.3)
- GS mrm: EIC 1335.4 +MS3(769.9->i1335.4)
- GS mrm: EIC 407.1 +MS3(769.9->i407.1)

Free N-glycan

- GS mrm: EIC 1178.3 +MS3(714.0->i1178.3)
- GS mrm: EIC 407.1 +MS3(714.0->i407.1)
- GS mrm: EIC 231.0 +MS3(714.0->i231.0)
- GS mrm: EIC 249.0 +MS3(714.0->i249.0)

11168 O representative chromatogram



Bound N-glycan

- O mrm: EIC 361.1 +MS3(769.9->i361.1)
- O mrm: EIC 1132.3 +MS3(769.9->i1132.3)
- O mrm: EIC 1335.4 +MS3(769.9->i1335.4)
- O mrm: EIC 407.1 +MS3(769.9->i407.1)

Free N-glycan

- O mrm: EIC 231.0 +MS3(714.0->i231.0)
- O mrm: EIC 249.0 +MS3(714.0->i249.0)
- O mrm: EIC 1178.3 +MS3(714.0->i1178.3)
- O mrm: EIC 407.1 +MS3(714.0->i407.1)

Peak areas

Transitions	GS1	GS2	GS3	GS4	GS5
231.1	564	704	645	586	1168
1178.5	478	709	436	613	1037
249.1	222	223	131	131	313
407.1	585	612	418	359	899
361.1	1940	2394	1459	1745	4161
1132.5	2725	2650	1775	1617	4327
1335.5	2898	3465	2161	1777	4508
407.1	794	1301	875	1007	2214

Transitions	O1	O2	O3	O4	O5
231.1	369	416	430	285	438
1178.5	530	453	556	387	537
249.1	181	114	105	147	170
407.1	333	148	334	208	480
361.1	1602	1659	1368	1277	1332
1132.5	2338	1244	1601	1598	1893
1335.5	3177	2592	2297	1258	2289
407.1	1242	907	948	691	1137

Mean and Standard Deviation

Analysis	values
Free average area GS	2166.60
Free average area O	1324.20
Bound average area GS	9158.60
Bound average area O	6490.00
StDev free area GS	739.43
StDev free area O	241.96
StDev bound area GS	3711.67
StDev bound area O	1262.79

Co-efficient of variation

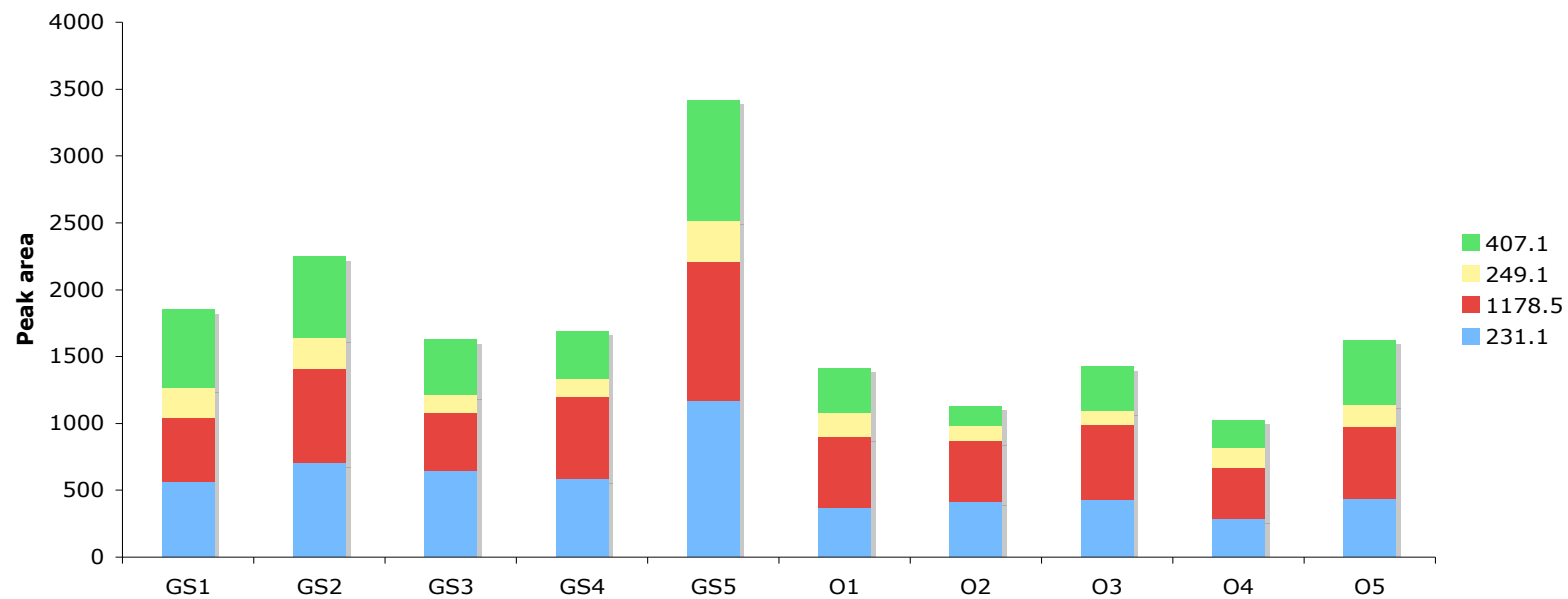
Co-efficient of variation	%
CV of free GS	34.1%
CV of free O	18.3%
CV of bound GS	40.5%
CV of bound O	19.5%

Student paired T-Test

T-test	P-values
Ttest of free area	0.02004887
Ttest of bond area	0.08503047

*

Combined transition peaks area for free N-glycan



Combined transition peak area for bound N-glycan

