

Tremella fuciformis

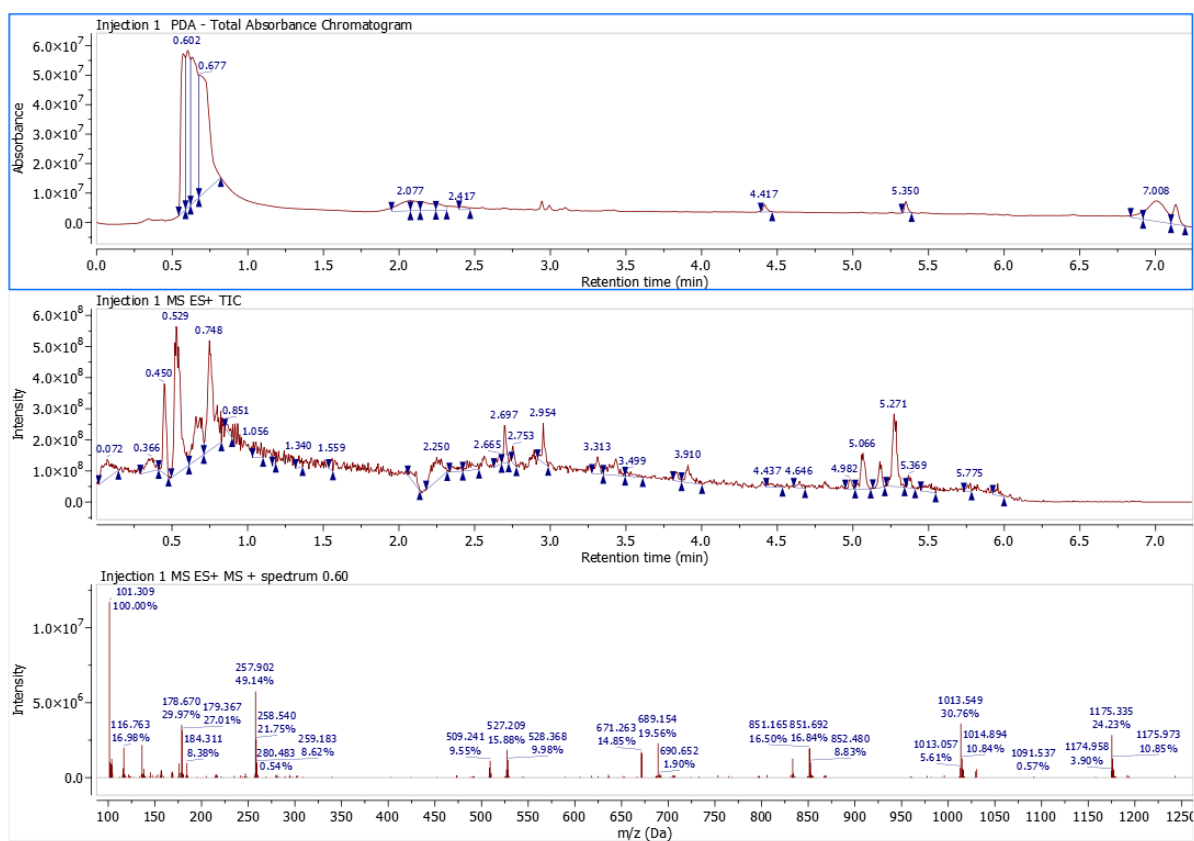
White powder in poly bag

Expected MW: polymer of glucose isomers with 162.16 au. polymerization step (Glc – H₂O)

Found: polymeric species with nominal masses MH⁺ 1175.33, 1013.54, 851.69 (matching the 162 au step pattern) eluting at void volume

¹H NMR: spectrum matches target compound (beta-glucan)

qNMR: Dry sample contains 35.5% beta-glucan by weight



^1H NMR, D_2O :

