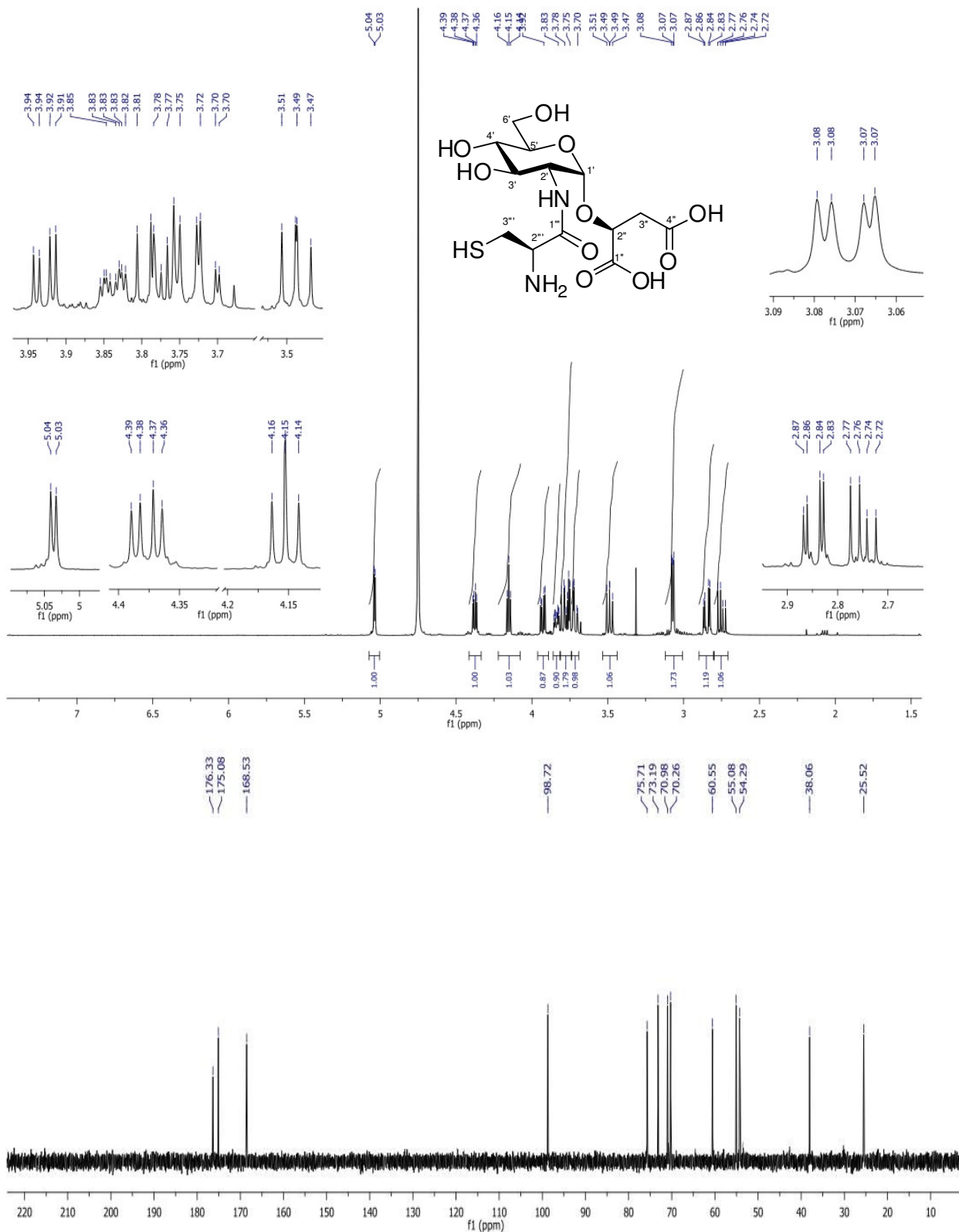
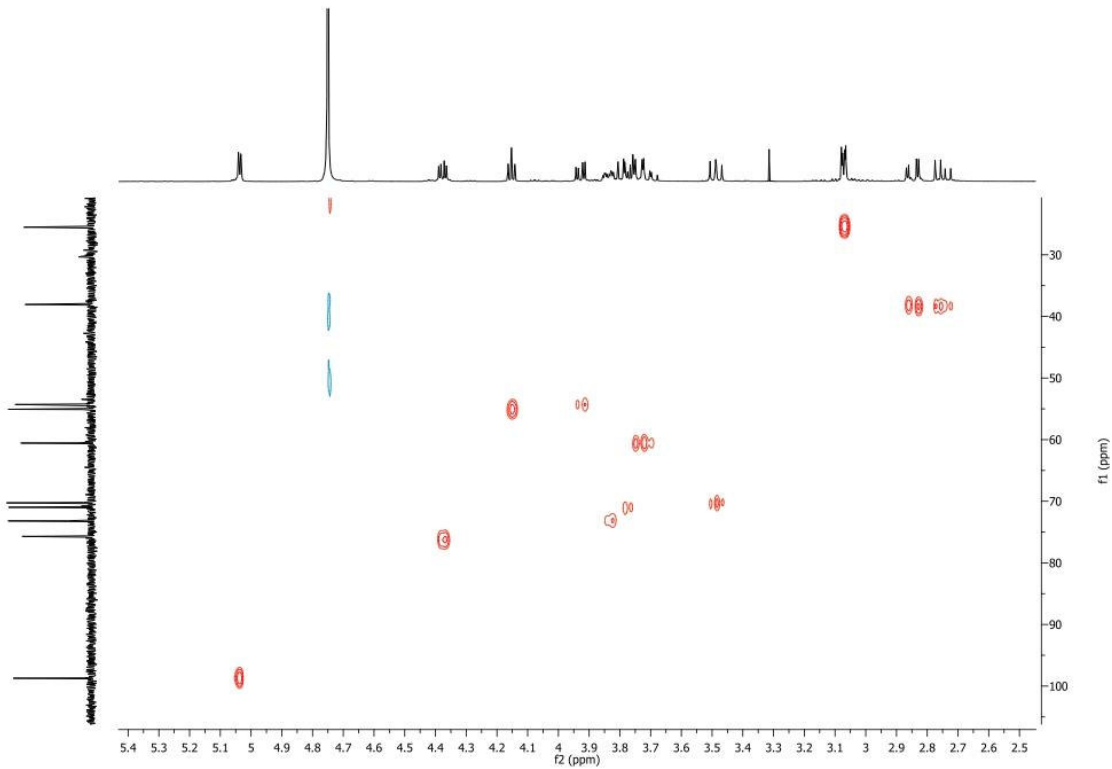
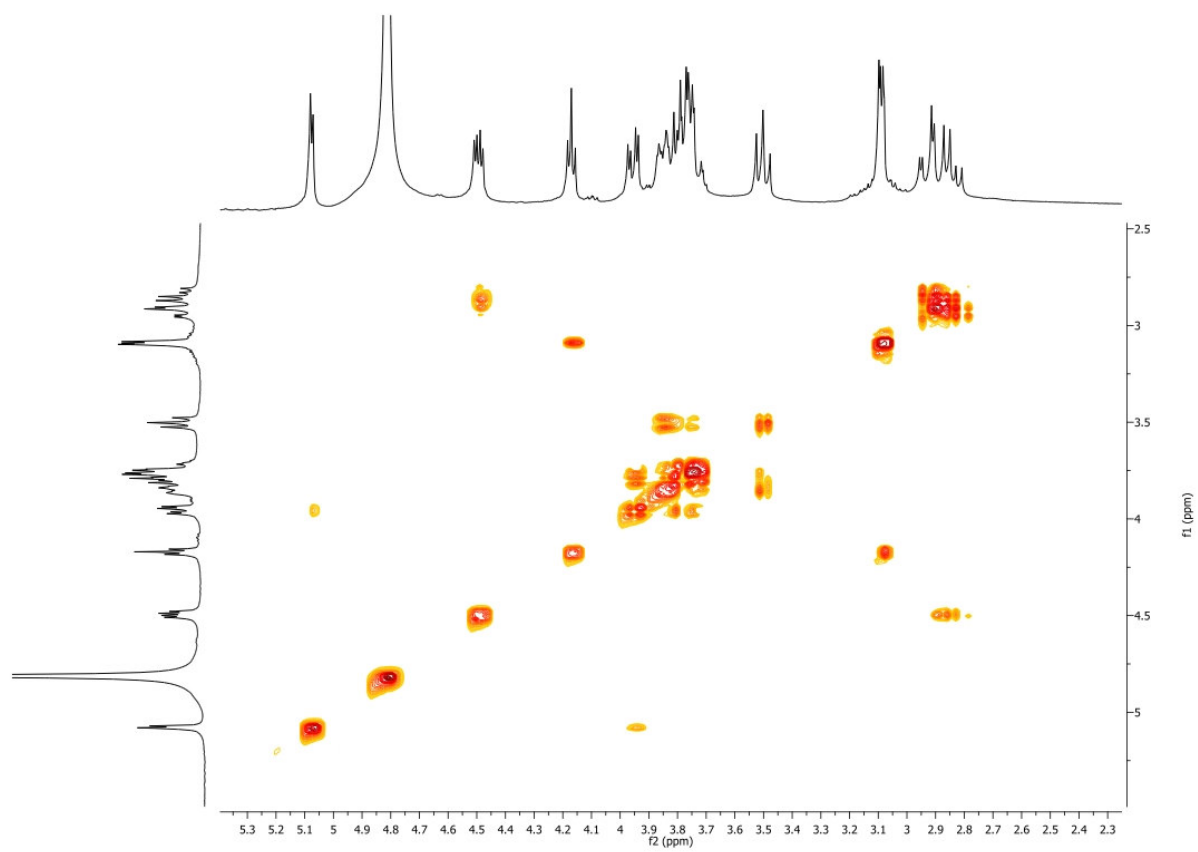


Certificate of Analysis

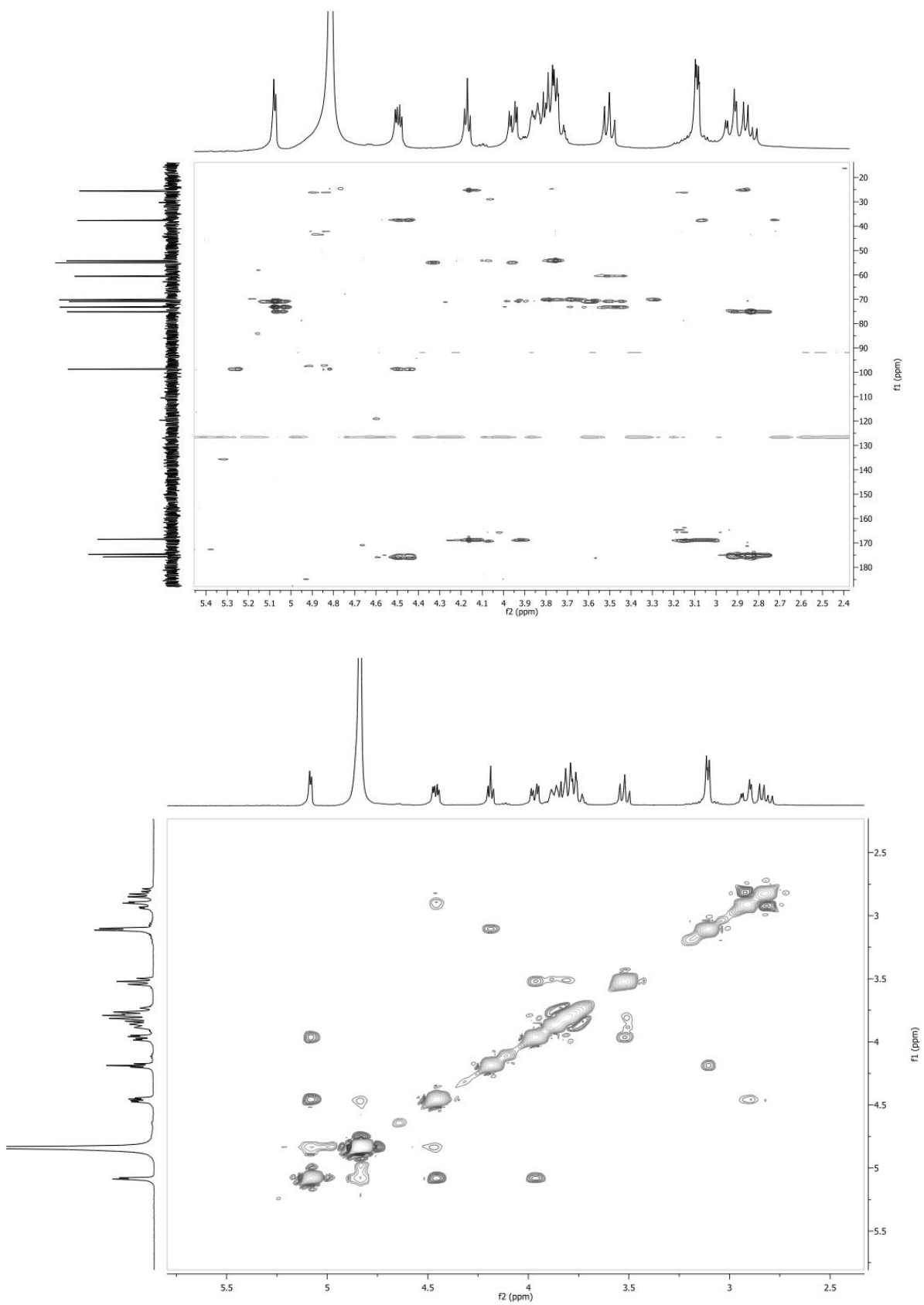
Bacillithiol



¹H NMR at 500 MHz (top) and ¹³C NMR at 100 MHz (bottom) spectra of BSH (1) in D₂O



COSY at 400 MHz (top) and HSQC at 500 MHz (bottom) spectra of BSH (**1**) in D₂O



HMBC (top) and NOESY (bottom) at 400 MHz spectra of BSH (1) in D₂O

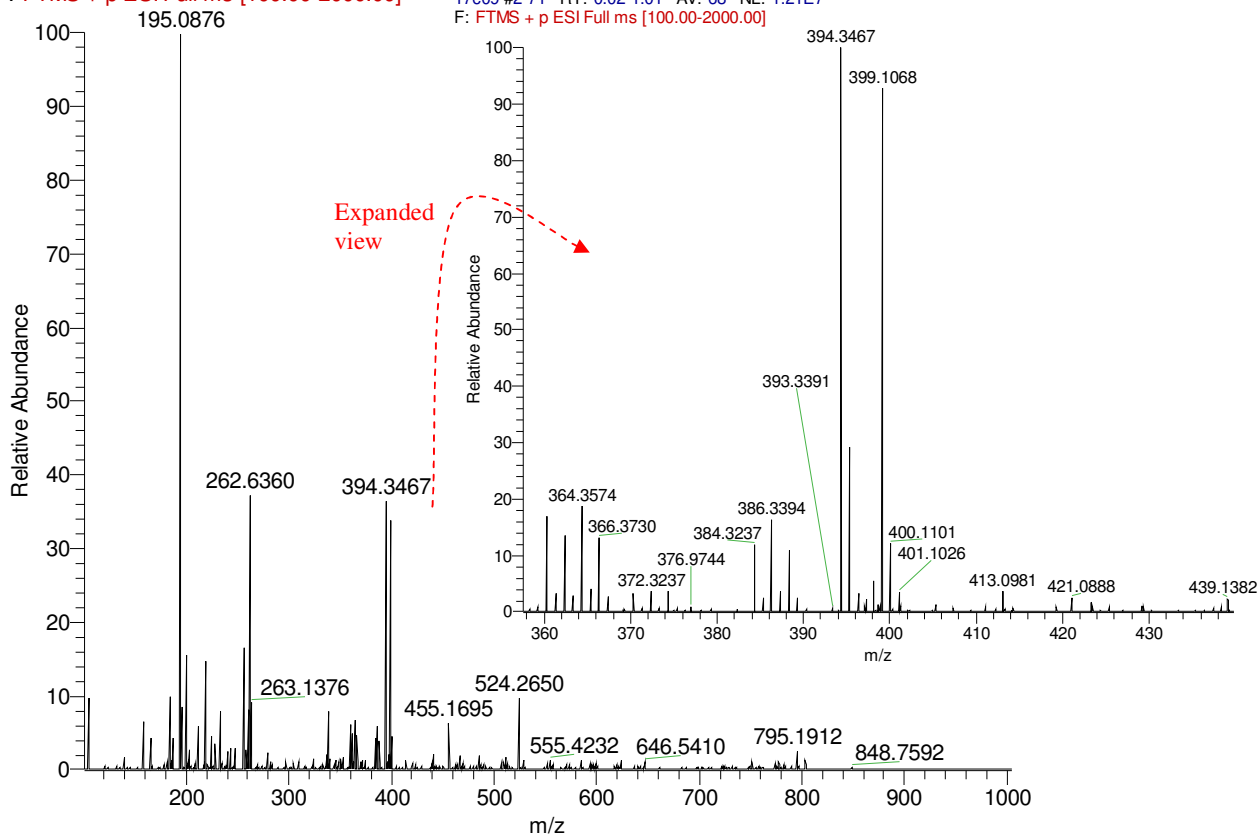
High resolution mass spectrum of BSH (1)

17c09 #2-71 RT: 0.02-1.01 AV: 68 NL: 3.33E7

F: FTMS + p ESI Full ms [100.00-2000.00]

17c09 #2-71 RT: 0.02-1.01 AV: 68 NL: 1.21E7

F: FTMS + p ESI Full ms [100.00-2000.00]



$[M+H]^+$ expected 399.1068; found 399.1068; delta 0.05 ppm; $C_{13}H_{23}N_2O_{10}S$