

Figure 1: The total ion chromatogram (TIC) and extracted ion chromatogram (XIC) of DMA detected by HPLC-Q-Tof-MS. (a) TIC. (b) XIC. Positive mode was adopted, collision energy=10 V, ionspray voltage at 5500 V, ion scan from 50-600 Da, temperature at 400 °C. [M+H]⁺ at m/z 415.0983, m/z 397.0889 means a molecule depletion of H_2O , m/z 379.0786 means two molecule depletion of H_2O .

3 4

1

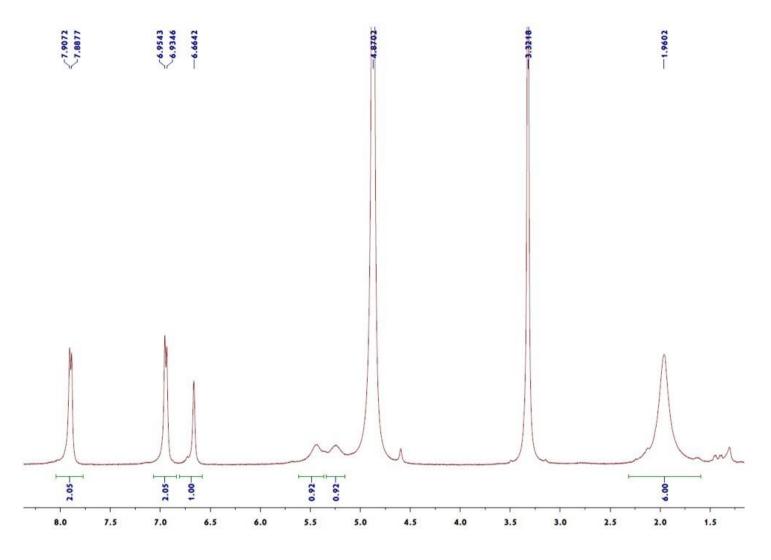


Figure 2: ¹H NMR of DMA. A 400 MHz Bruker instrument (Billerica, MA, USA) was adopted at 25 °C, with compound dissolved in CD₃OD in a 3 mm i.d. tube. The chemical shift assignments were referenced internally to TMS at 0 ppm.