

Molecular Characterization of Dissolved Organic Matter and Its Sub-fractions in Refinery Process Water by FT-ICR MS

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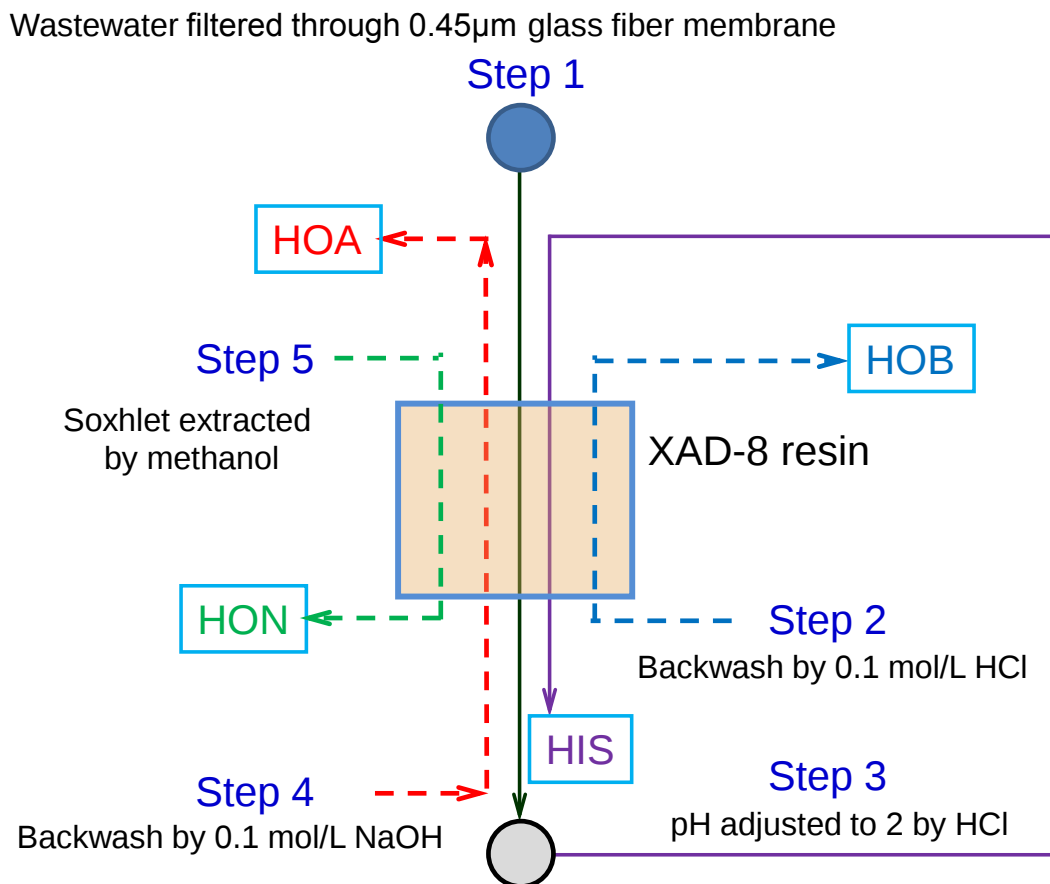


Figure S1 - Schematic diagram of the procedure for DOM fractionation.

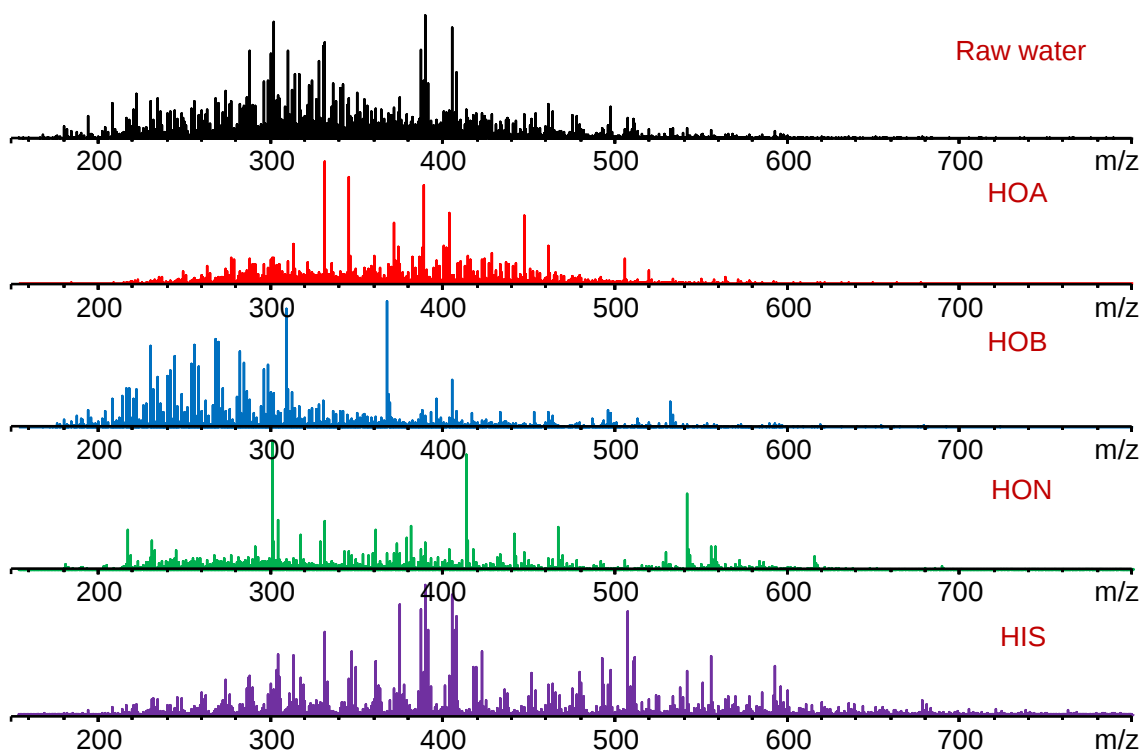


Figure S2 - Positive-ion FT-ICR MS broadband spectra of DOM for the raw water and its fractions.

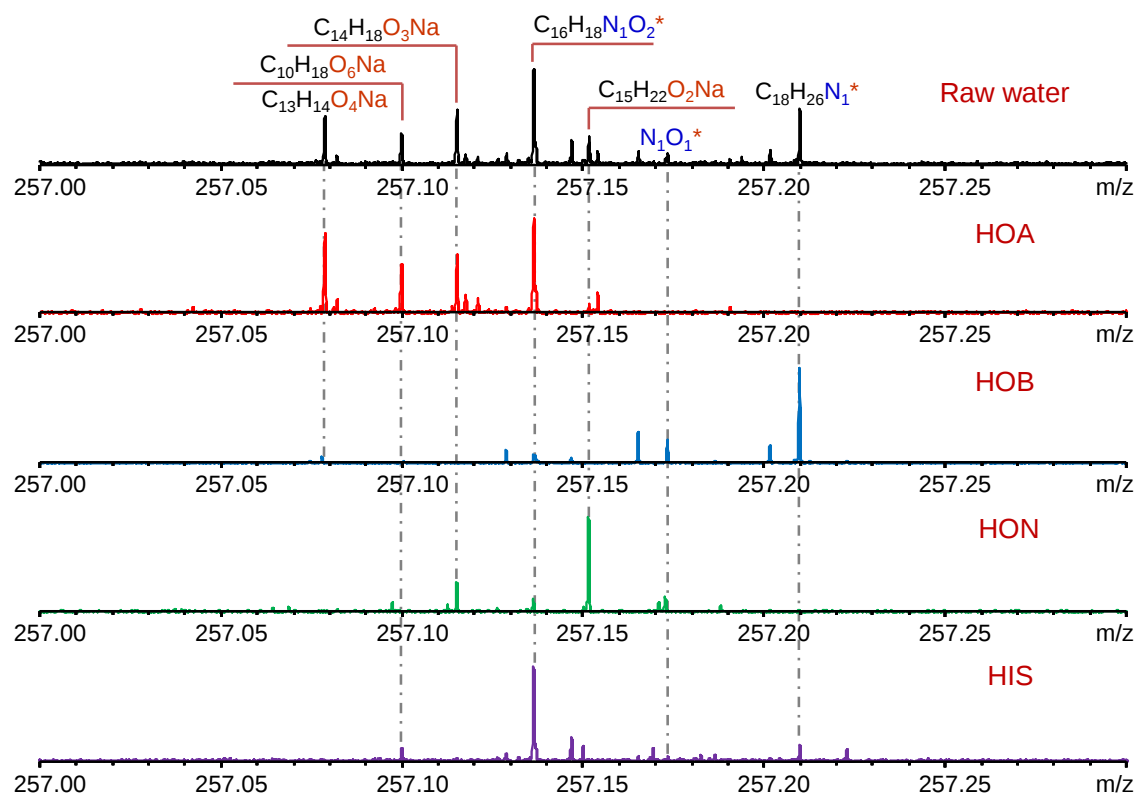


Figure S3 - Mass scale-expanded segments (m/z 257) of positive-ion FT-ICR mass spectra of the raw water and its fractions. Peaks with asterisk means the molecules have one ^{13}C atom.

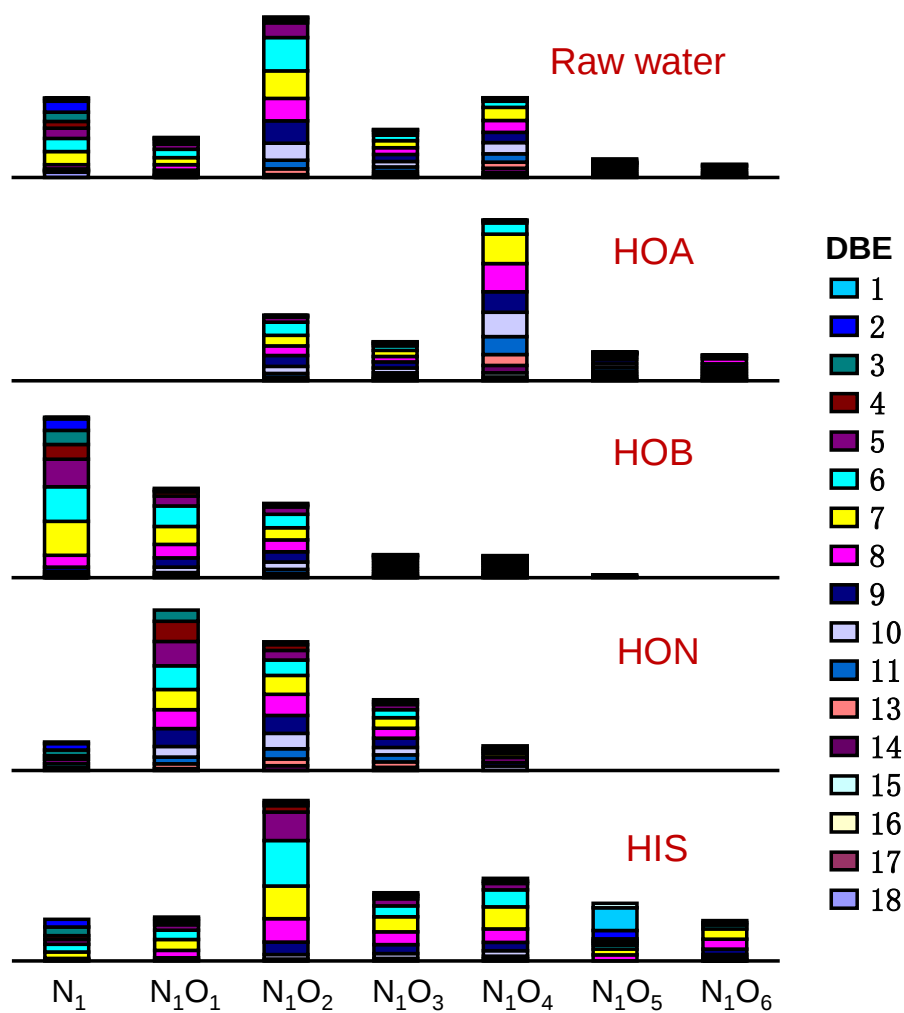


Figure S4 - Relative abundance of N_1 and N_1O_x class species in DOM of the raw water and its fractions.

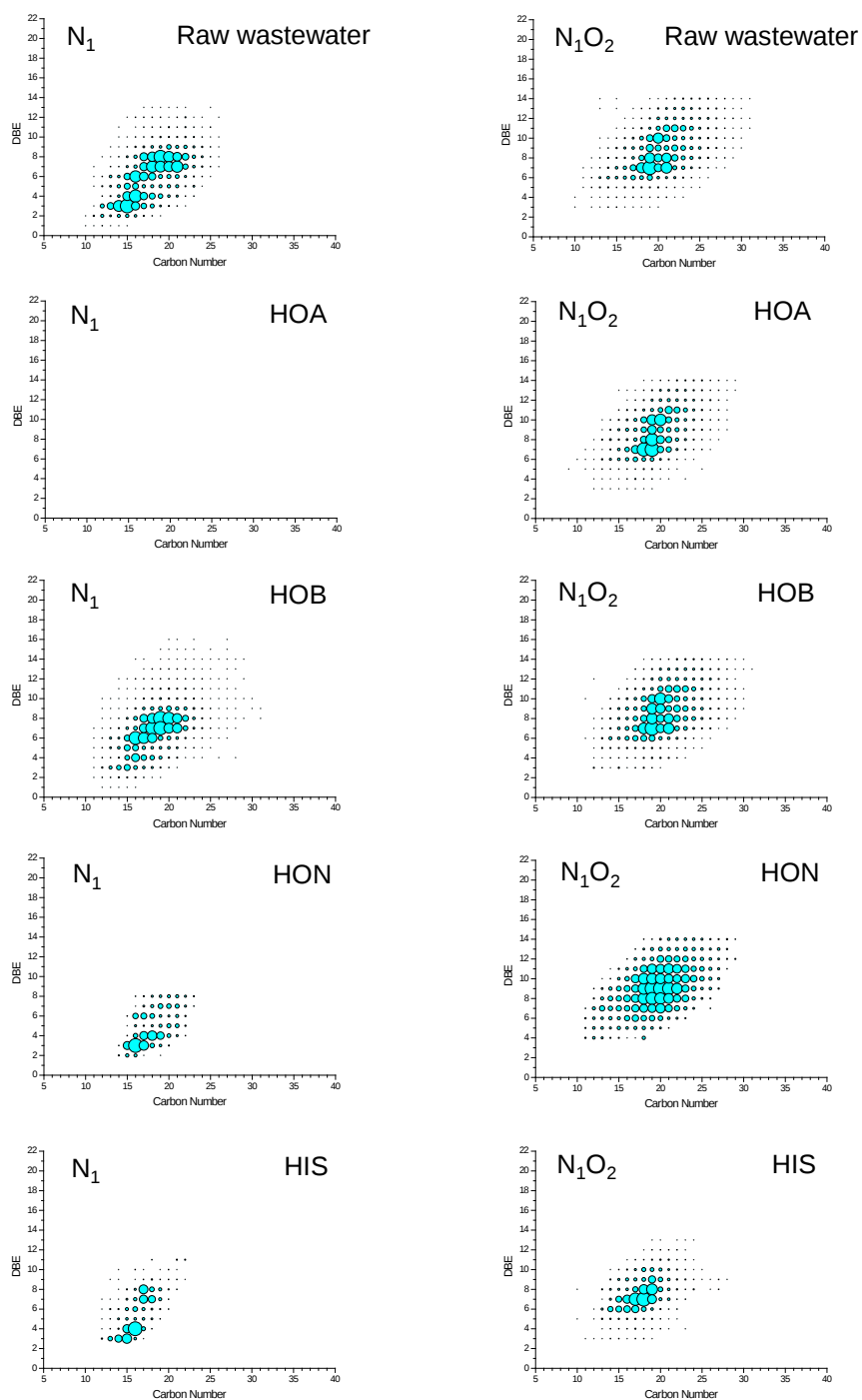


Figure S5 - Relative abundance of N₁ and N₁O_x class species in DOM of the raw water and its fractions.