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Supplementary Material

Molecular fractionation of dissolved organic matter on ferrihydrite: effects of dissolved cations

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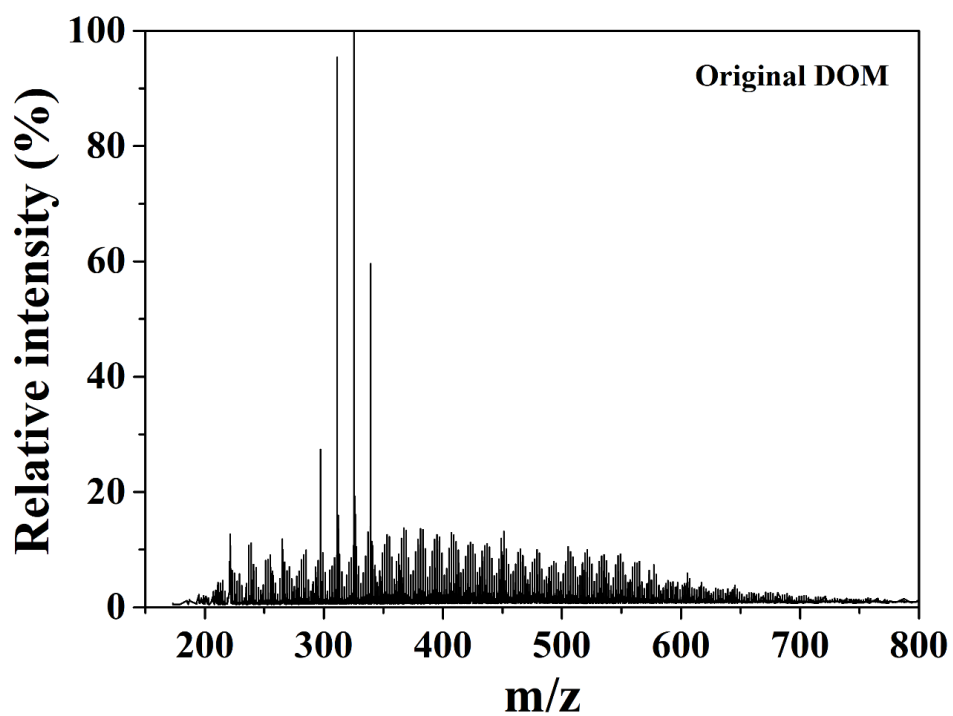


Figure S1. Broadband ESI-FT-ICR-MS spectrum for the original DOM in relative intensity.

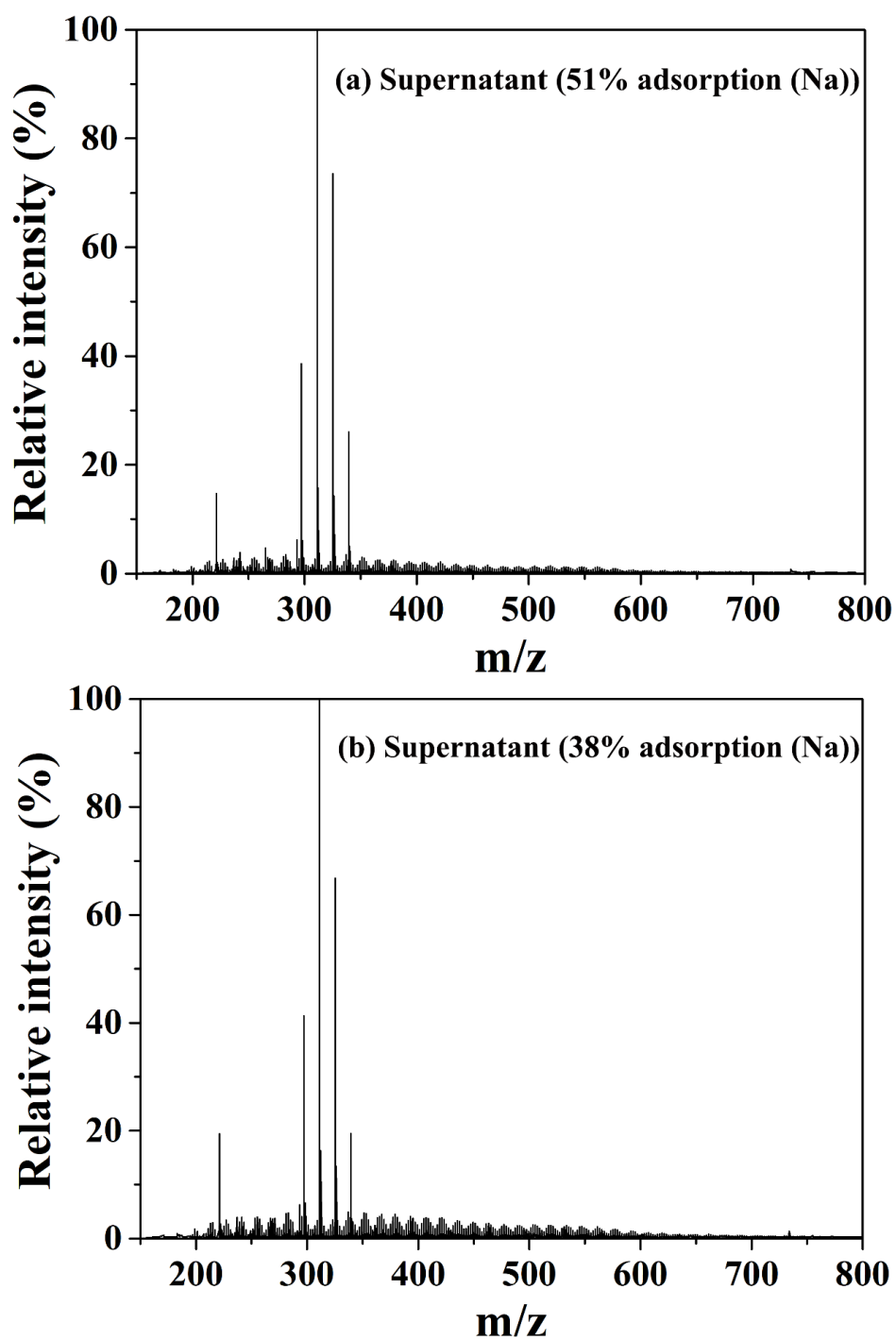


Figure S2. Broadband ESI-FT-ICR-MS spectra for the supernatant samples after adsorption by ferrihydrite with adsorption of 51% and 38% in the presence of Na ions at pH 6.5.

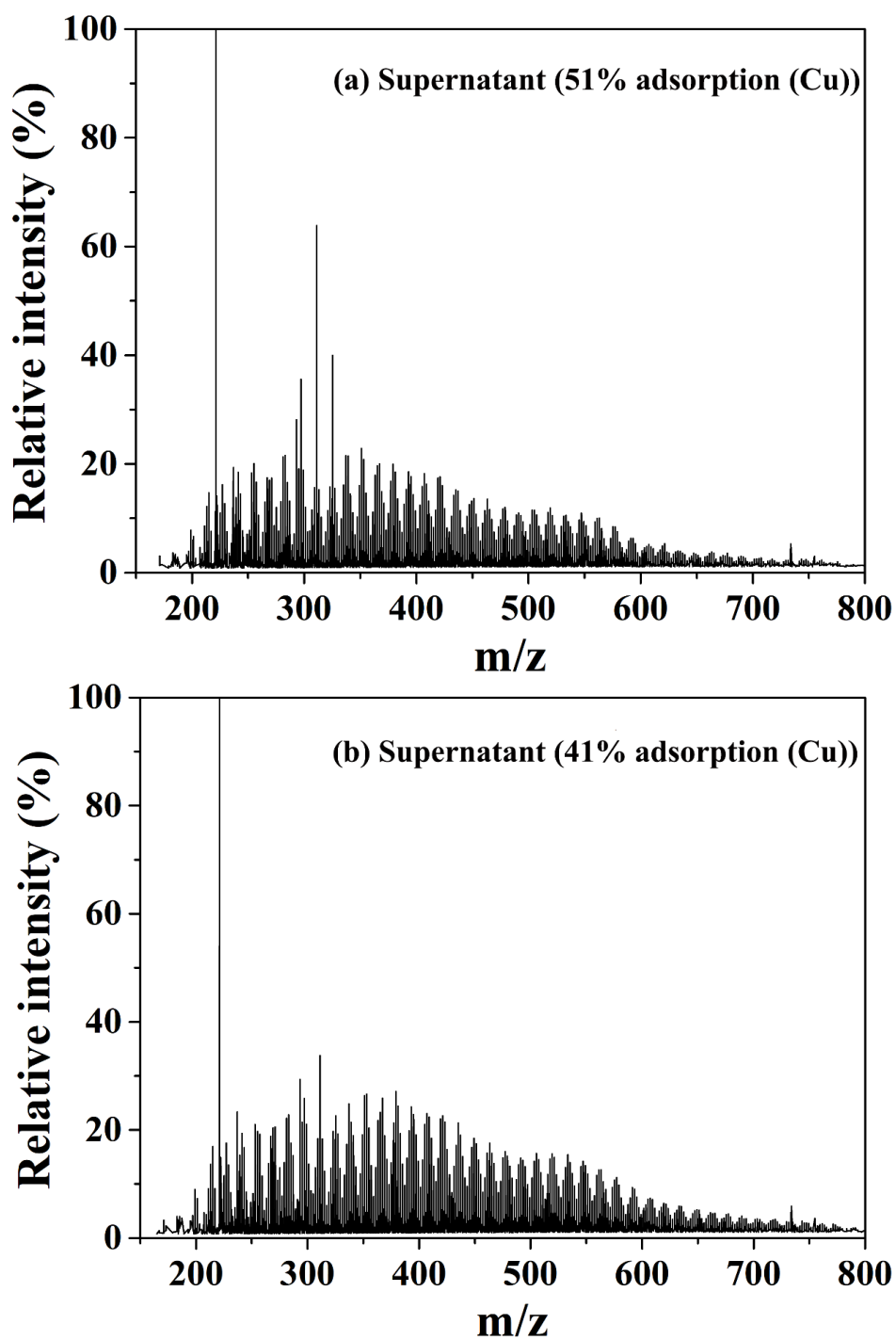


Figure S3. Broadband ESI-FT-ICR-MS spectra for the supernatant samples after adsorption by ferrihydrite with adsorption of 51% and 41% in the presence of Cu ions at pH 6.5.

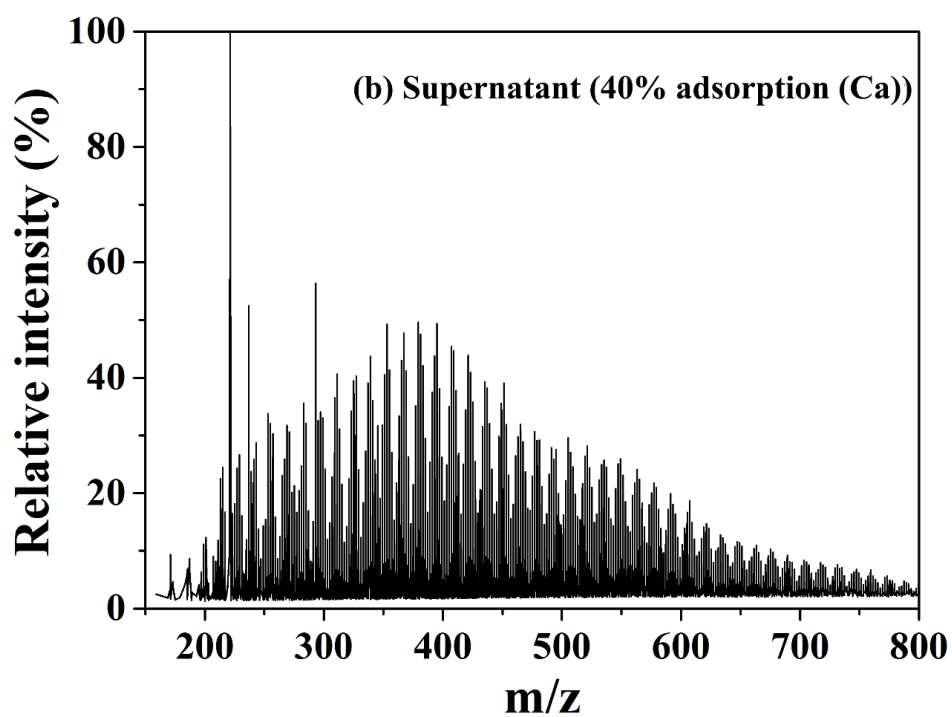
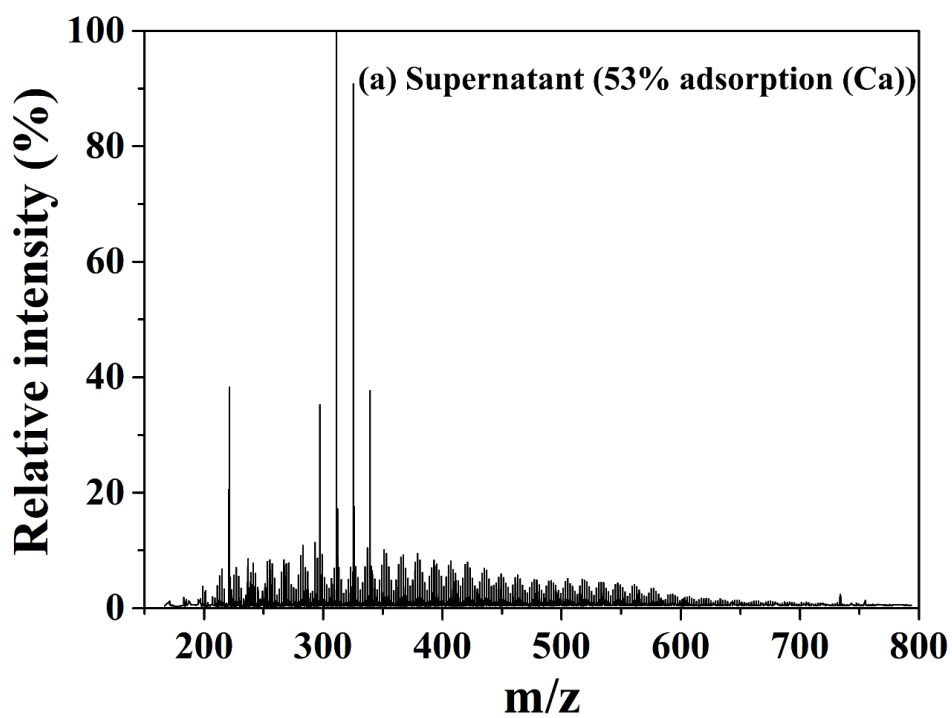


Figure S4. Broadband ESI-FT-ICR-MS spectra for the supernatant samples after adsorption by ferrihydrite with adsorption of 53% and 40% in the presence of Ca ions at pH 6.5.