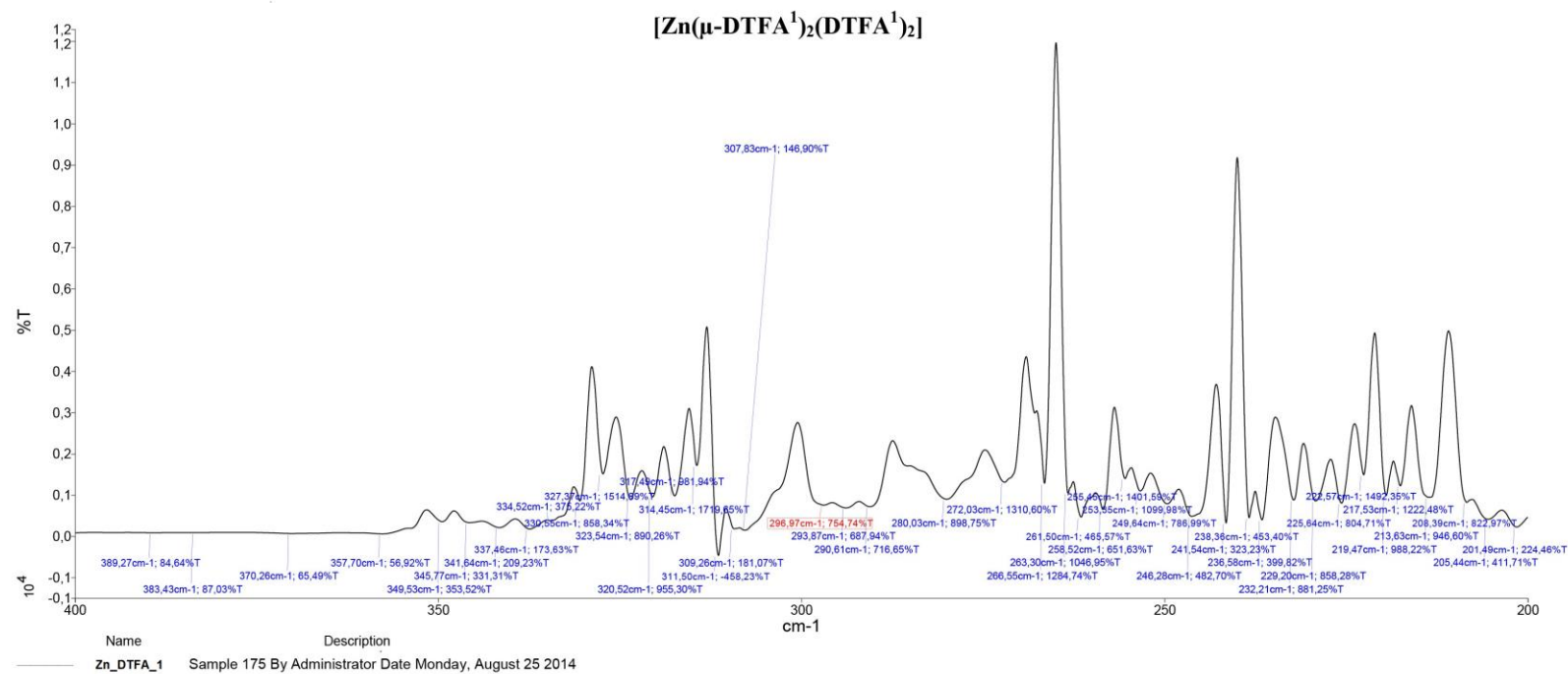
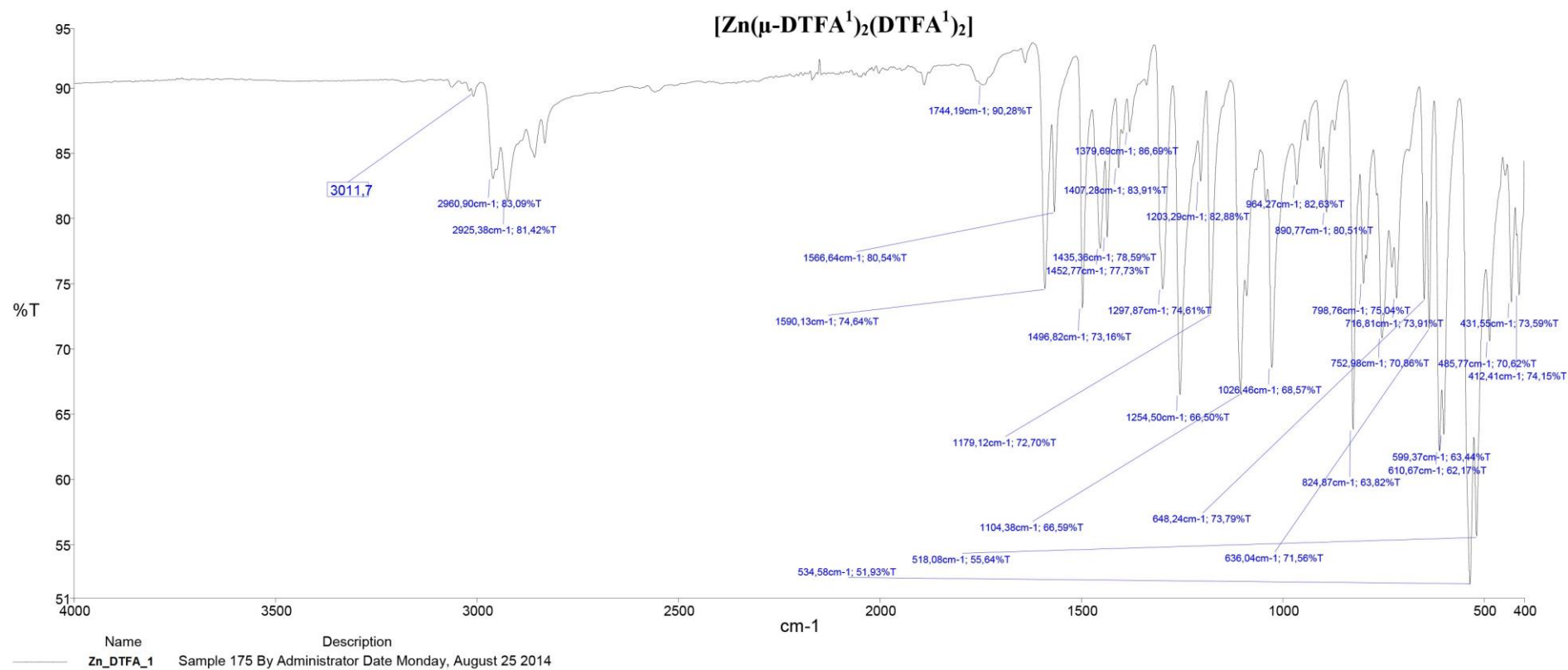


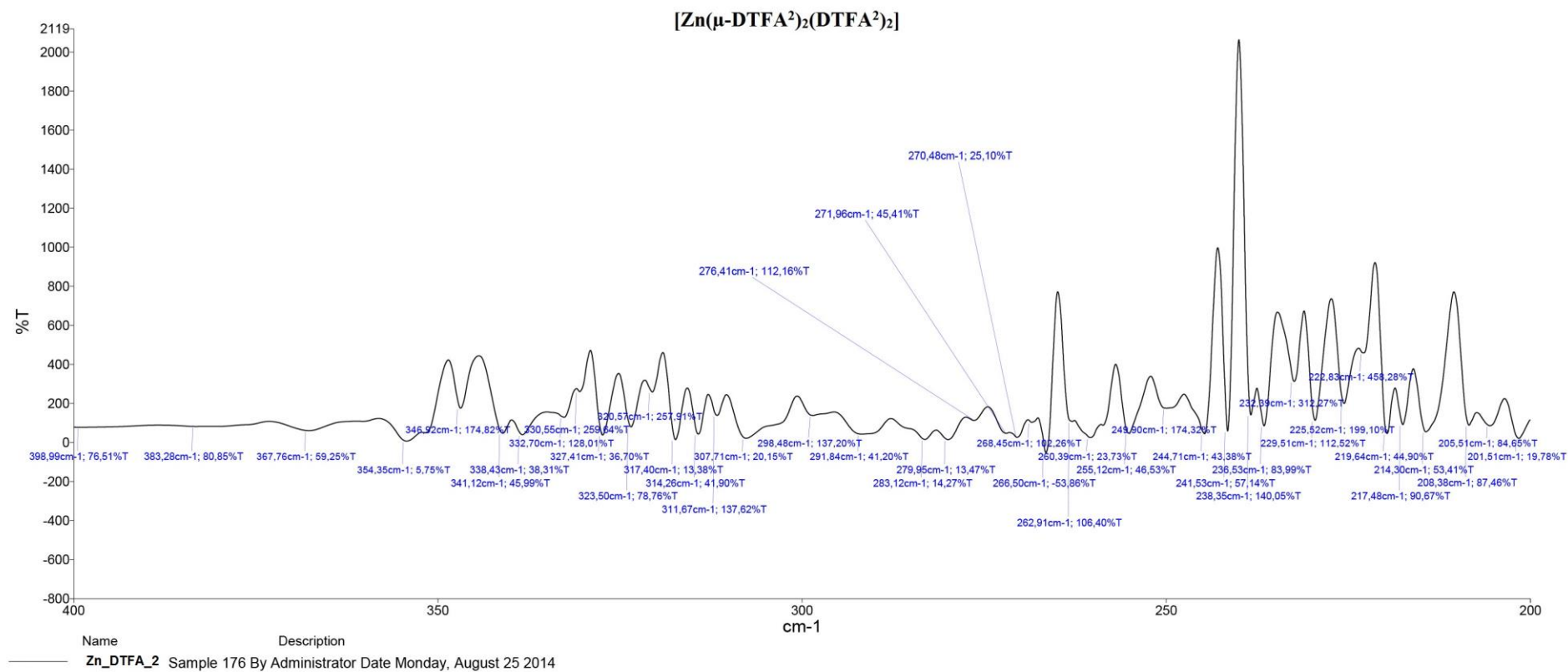
IR SPECTRA



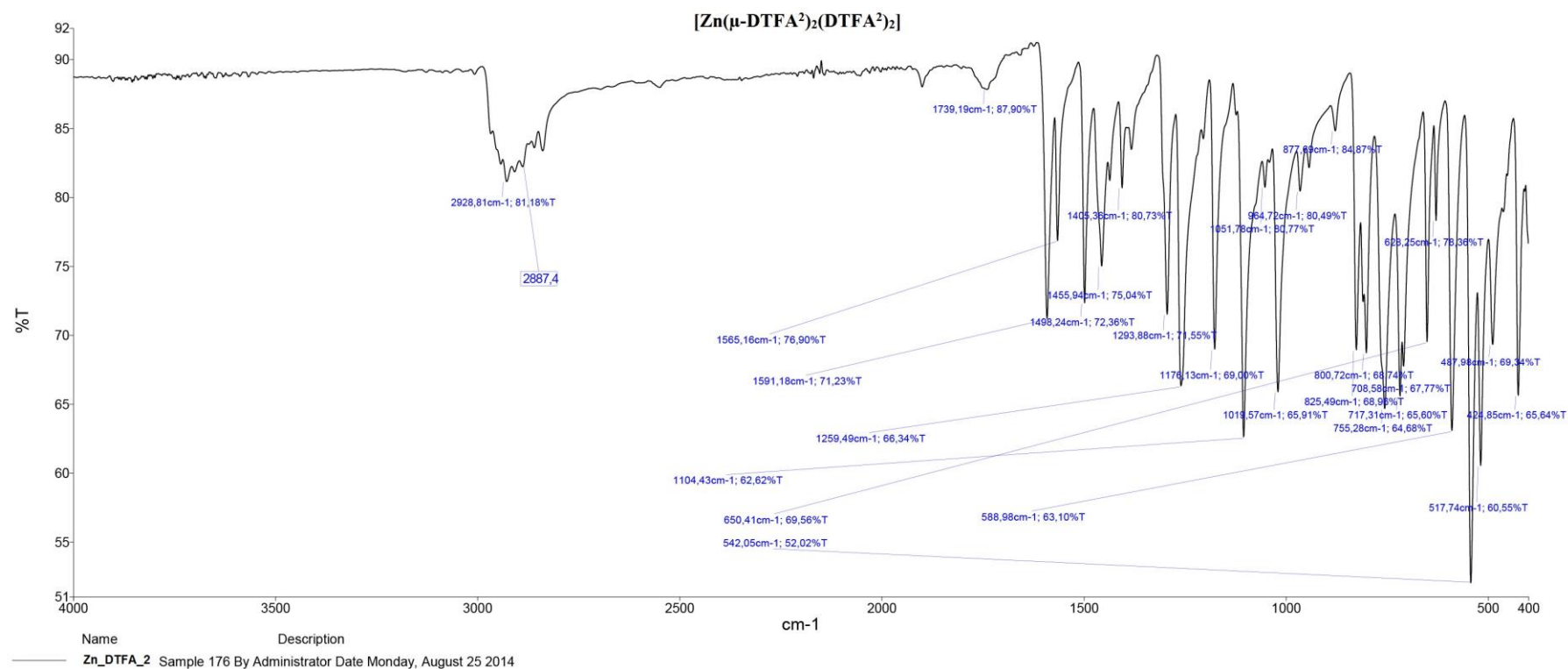
Scheme 1a. IR spectrum of [Zn(μ -DTFA¹)₂(DTFA¹)₂] (400-200 cm⁻¹).



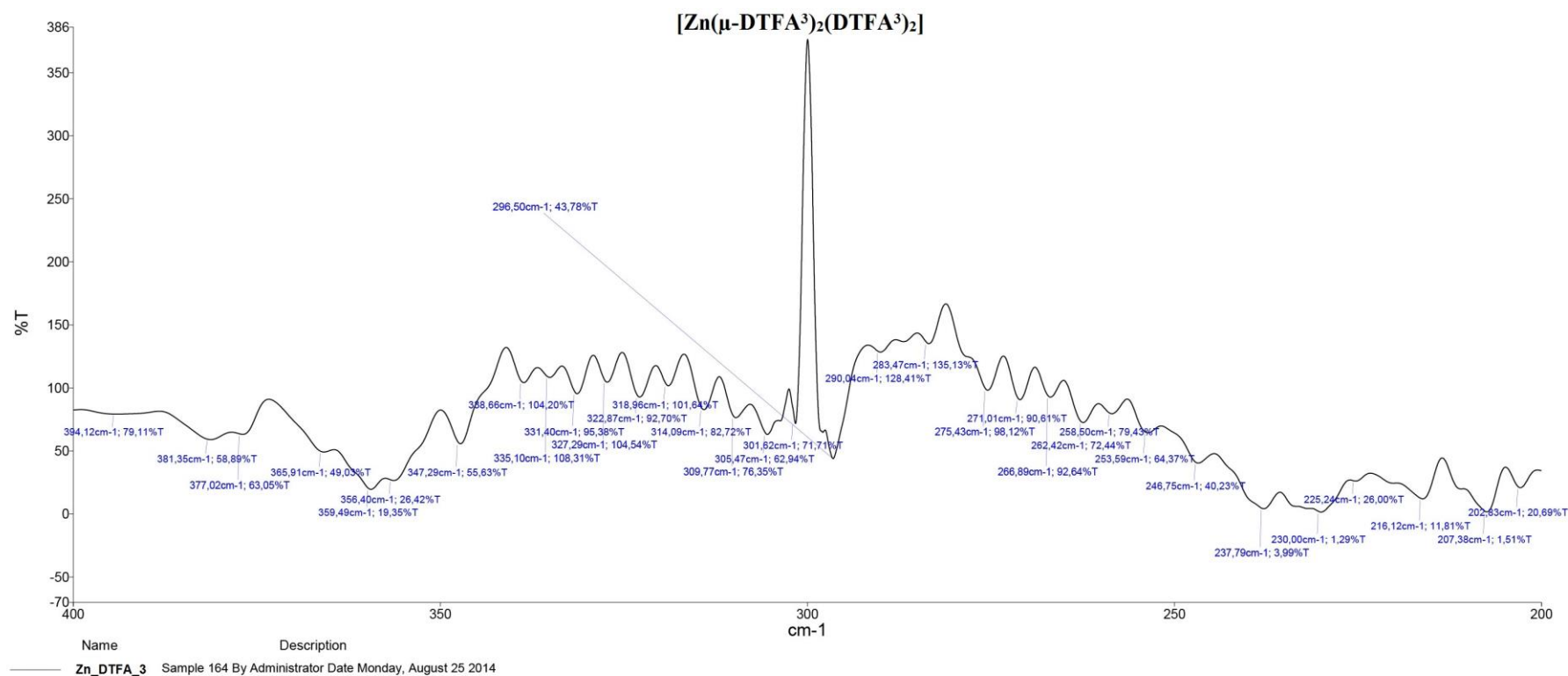
Scheme 1b. IR spectrum of [Zn(μ -DTFA¹)₂(DTFA¹)₂] (4000-400 cm⁻¹).



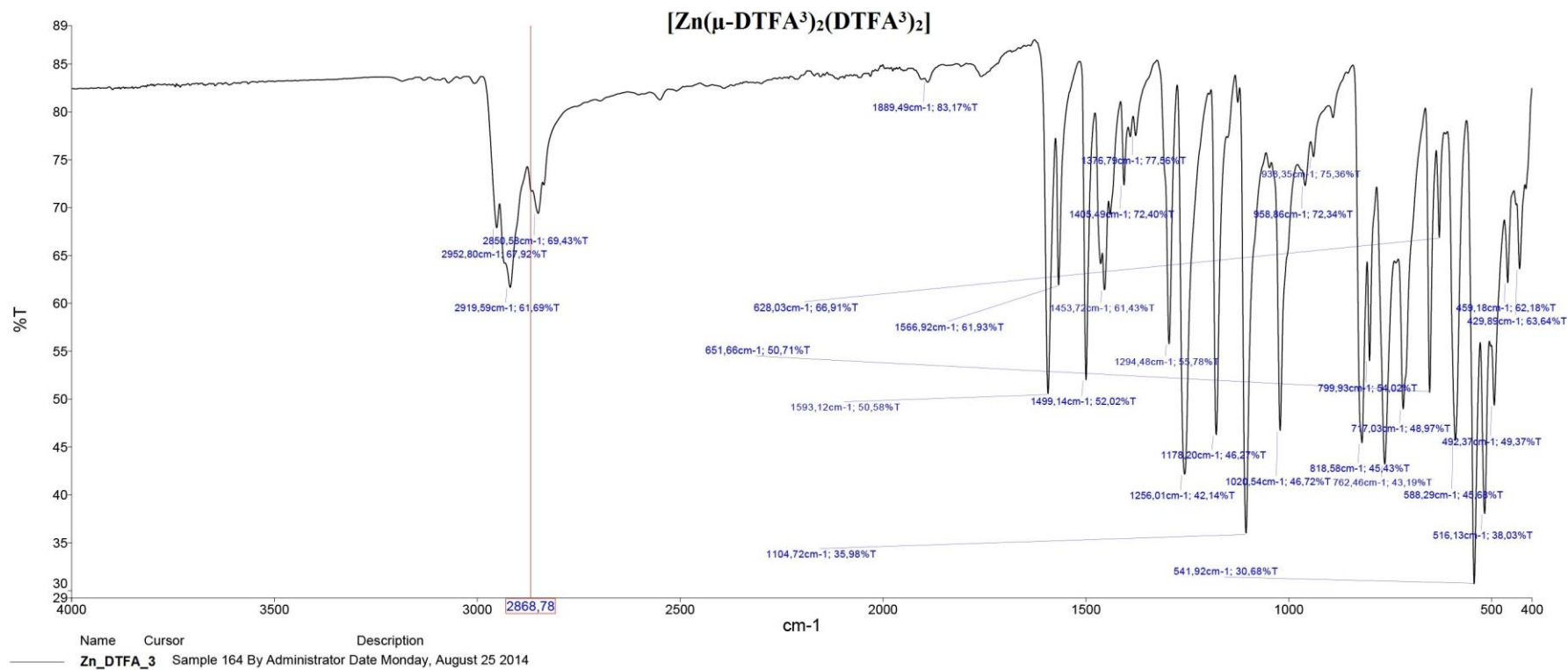
Scheme 2a. IR spectrum of [Zn(μ -DTFA²)₂(DTFA²)₂] (400-200 cm⁻¹).



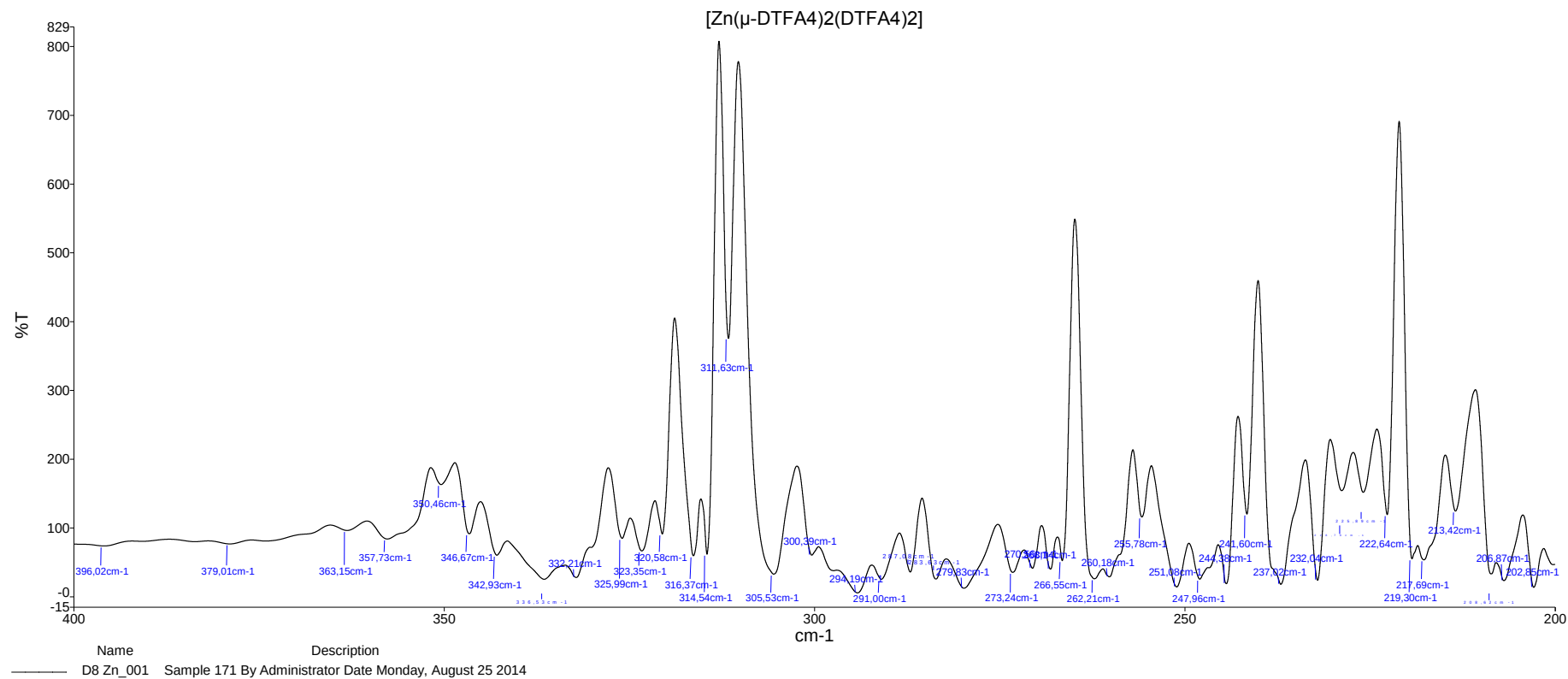
Scheme 2b. IR spectrum of [Zn(μ -DTFA²)₂(DTFA²)₂] (4000-400 cm⁻¹).



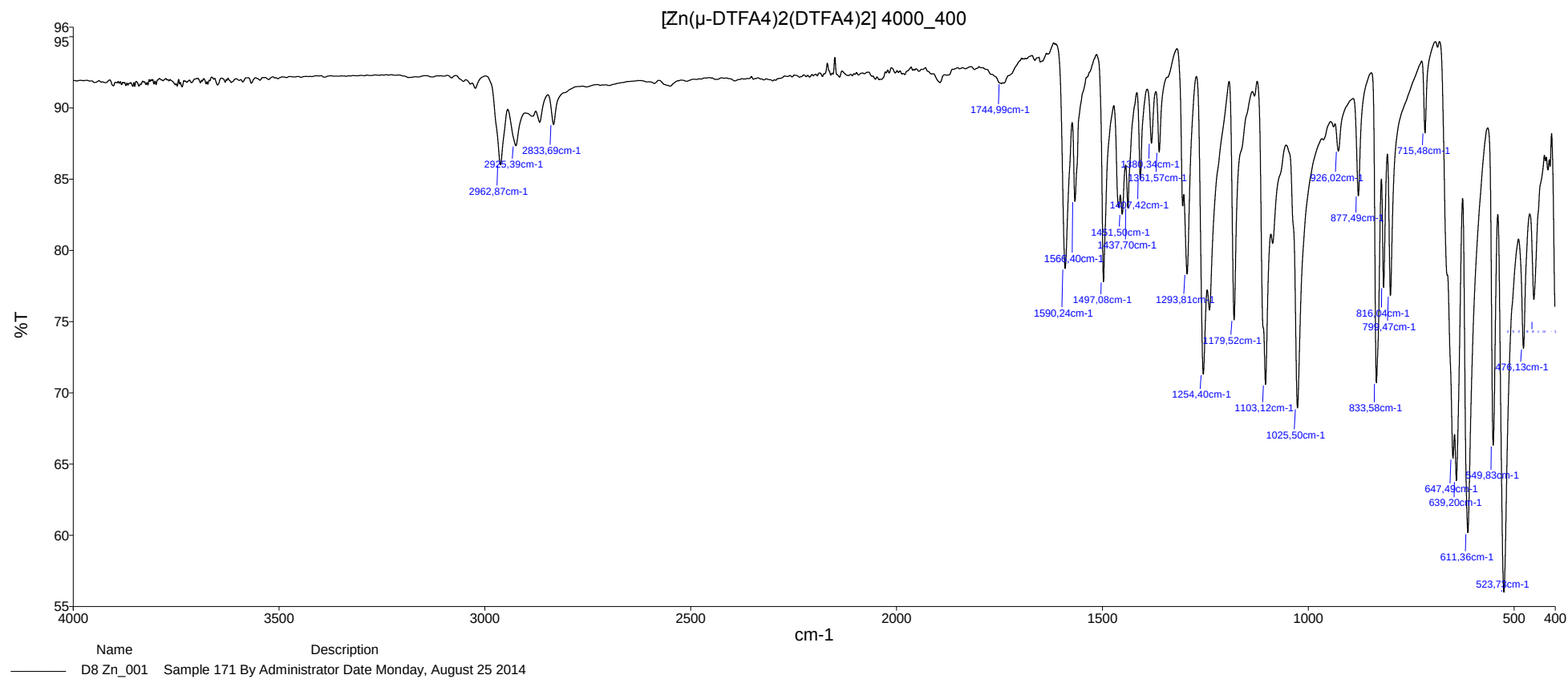
Scheme 3a. IR spectrum of [Zn(μ -DTFA³)₂(DTFA³)₂] (400-200 cm⁻¹).



Scheme 3b. IR spectrum of $[\text{Zn}(\mu\text{-DTFA}^3)_2(\text{DTFA}^3)_2]$ ($4000\text{-}400\text{ cm}^{-1}$).



Scheme 4a. IR spectrum of [Zn(μ-DTFA⁴)₂(DTFA⁴)₂] (4000-400 cm⁻¹).



Scheme 4b. IR spectrum of $[\text{Zn}(\mu\text{-DTFA}^4)_2(\text{DTFA}^4)_2]$ ($4000\text{--}400\text{ cm}^{-1}$).