

ESI

Poly(alanine-nylon-alanine) as a bioplastic: chemoenzymatic synthesis, thermal properties and biological degradation effects

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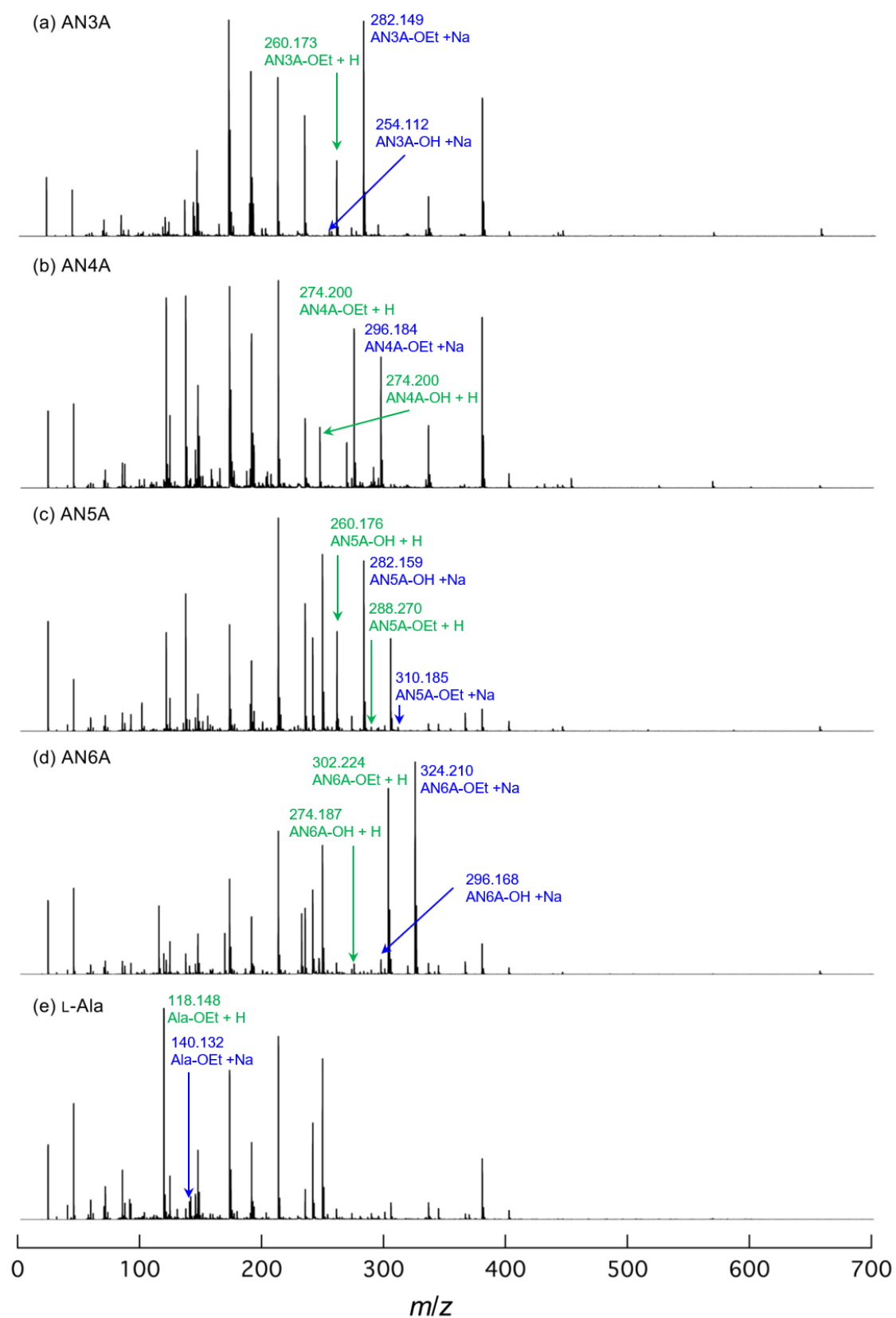


Figure S1. MALDI TOF mass spectra of AlaNylXAla after the reaction without enzyme as negative controls.

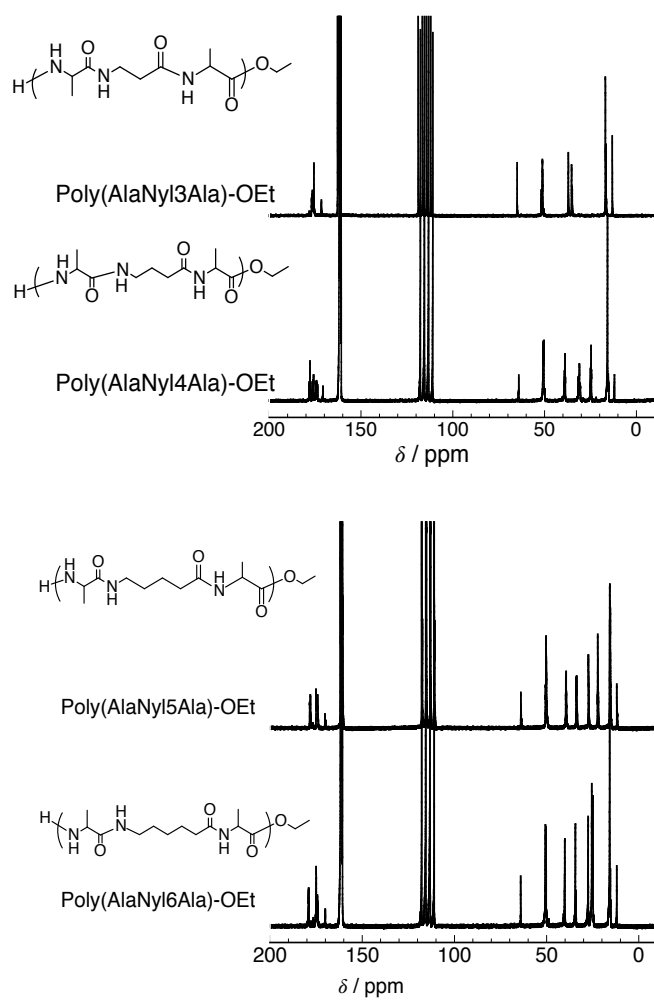


Figure S2 ^{13}C NMR spectra of poly(AlaNylXAla) in TFA- d , (125 MHz, 25°C).

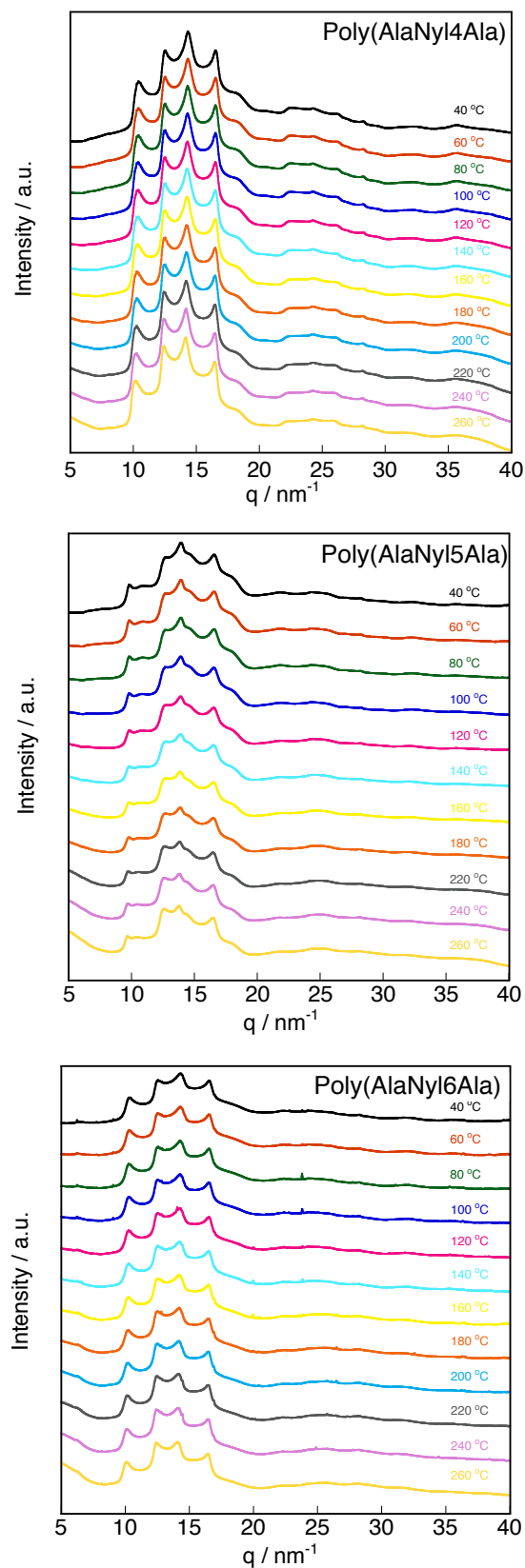


Figure S3. WAXS 1D profiles of poly(AlaNylXAla) ($X = 4, 5$, and 6) at elevated temperatures from 40 to 260°C .