

Electronic supplementary information (ESI)

Michael addition reaction of Meldrum's acid (MA): an effective route for preparation of reactive precursors for MA-based thermosetting resins

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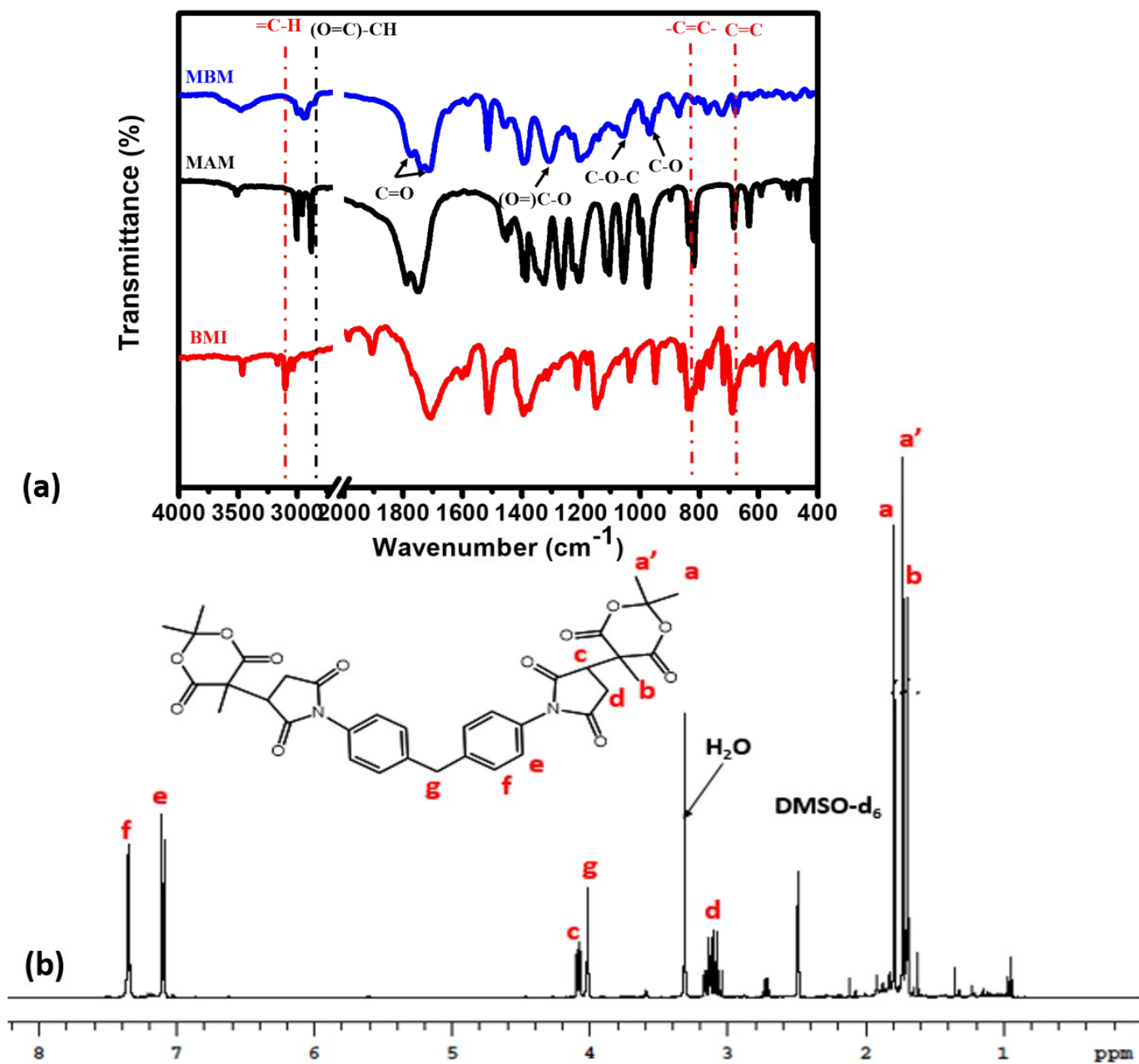


Figure S1. Spectral characterization of 2MA with (a) FTIR and (b) ^1H NMR

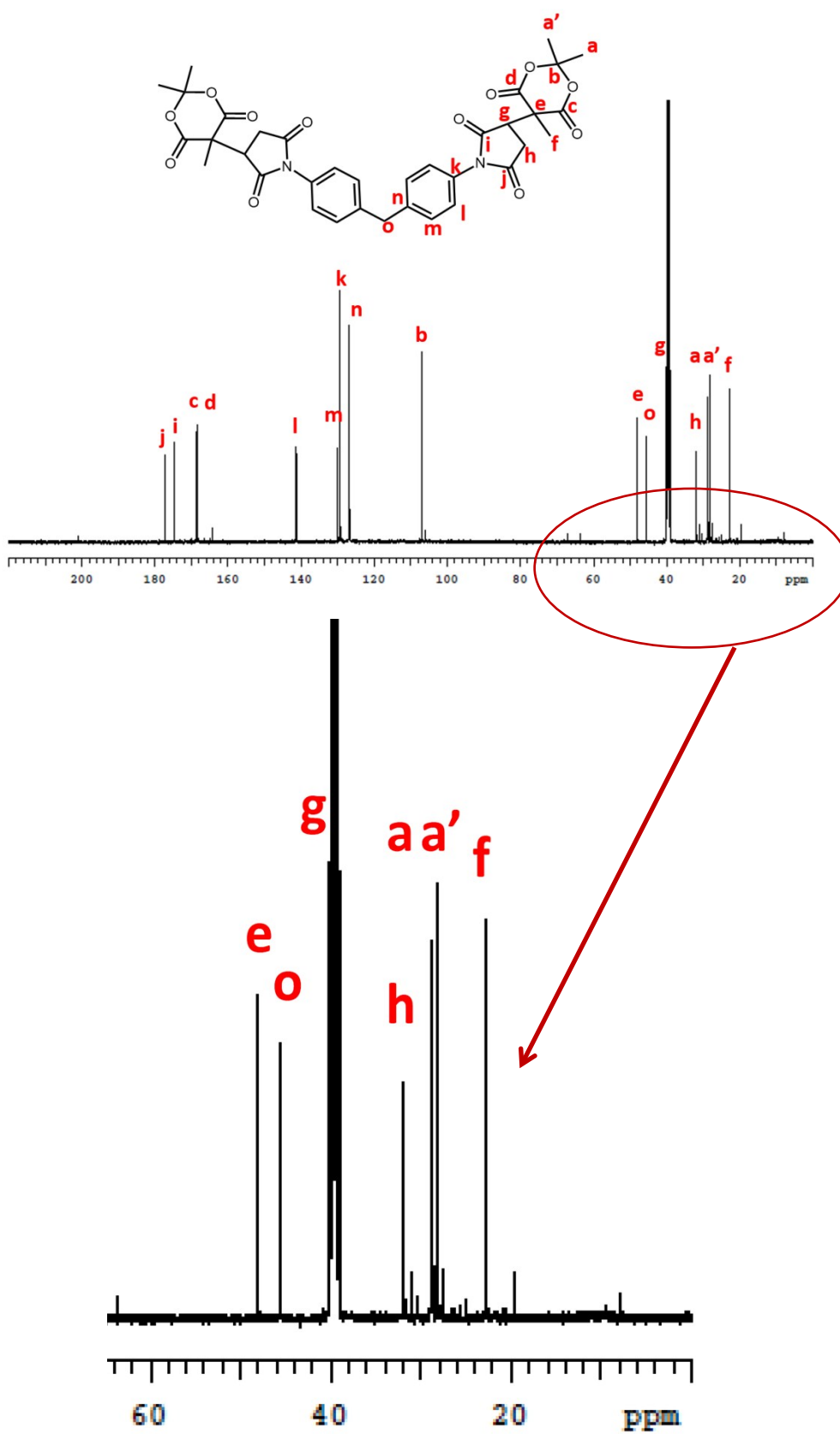


Figure S2. ^{13}C -NMR spectral characterization of 2MA.

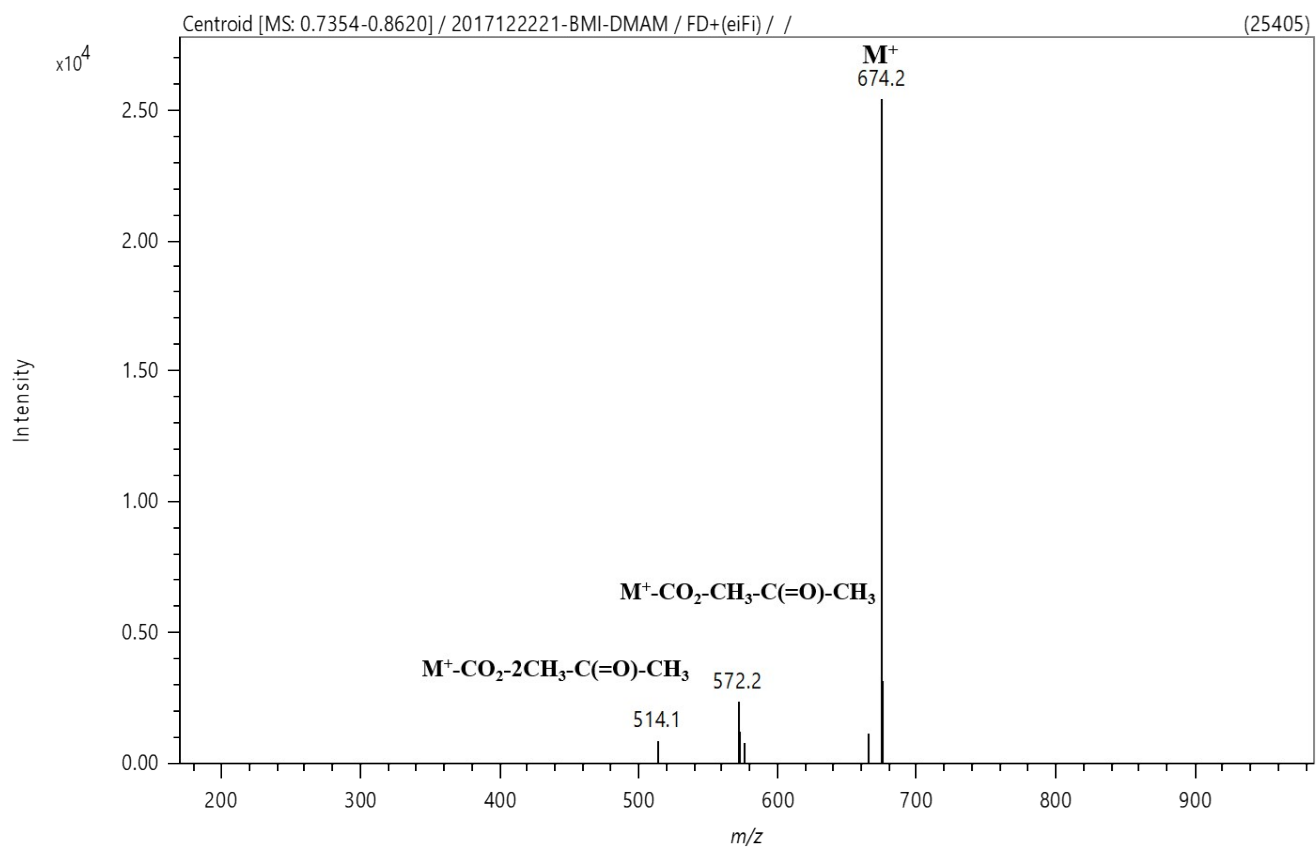


Figure S3. Low Resolution Field Desorption Mass spectra of 2MA

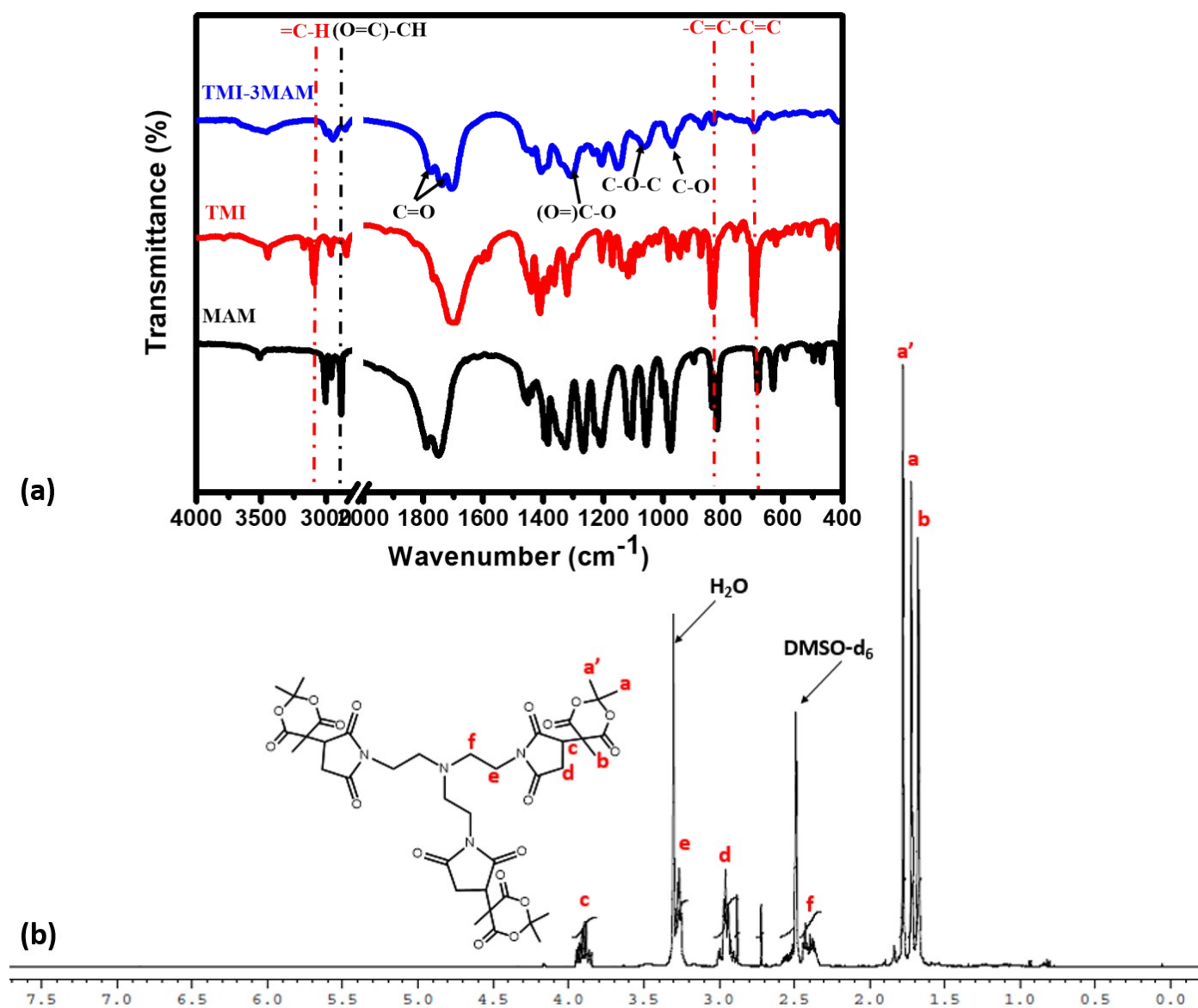


Figure S4. Spectral characterization of 3MA with (a) FTIR and (b) ^1H NMR.

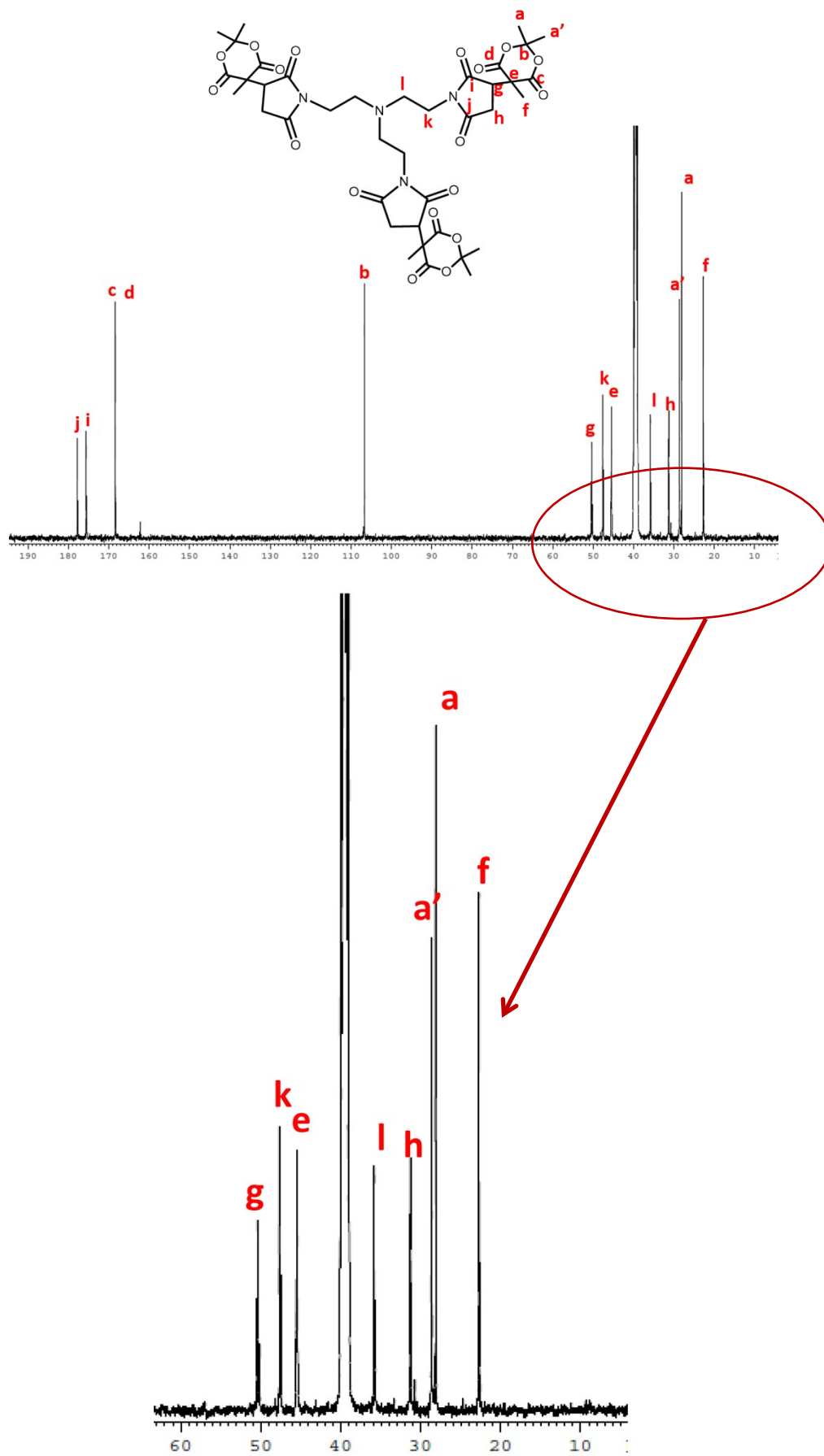


Figure S5. ^{13}C -NMR spectral characterization of 3MA.

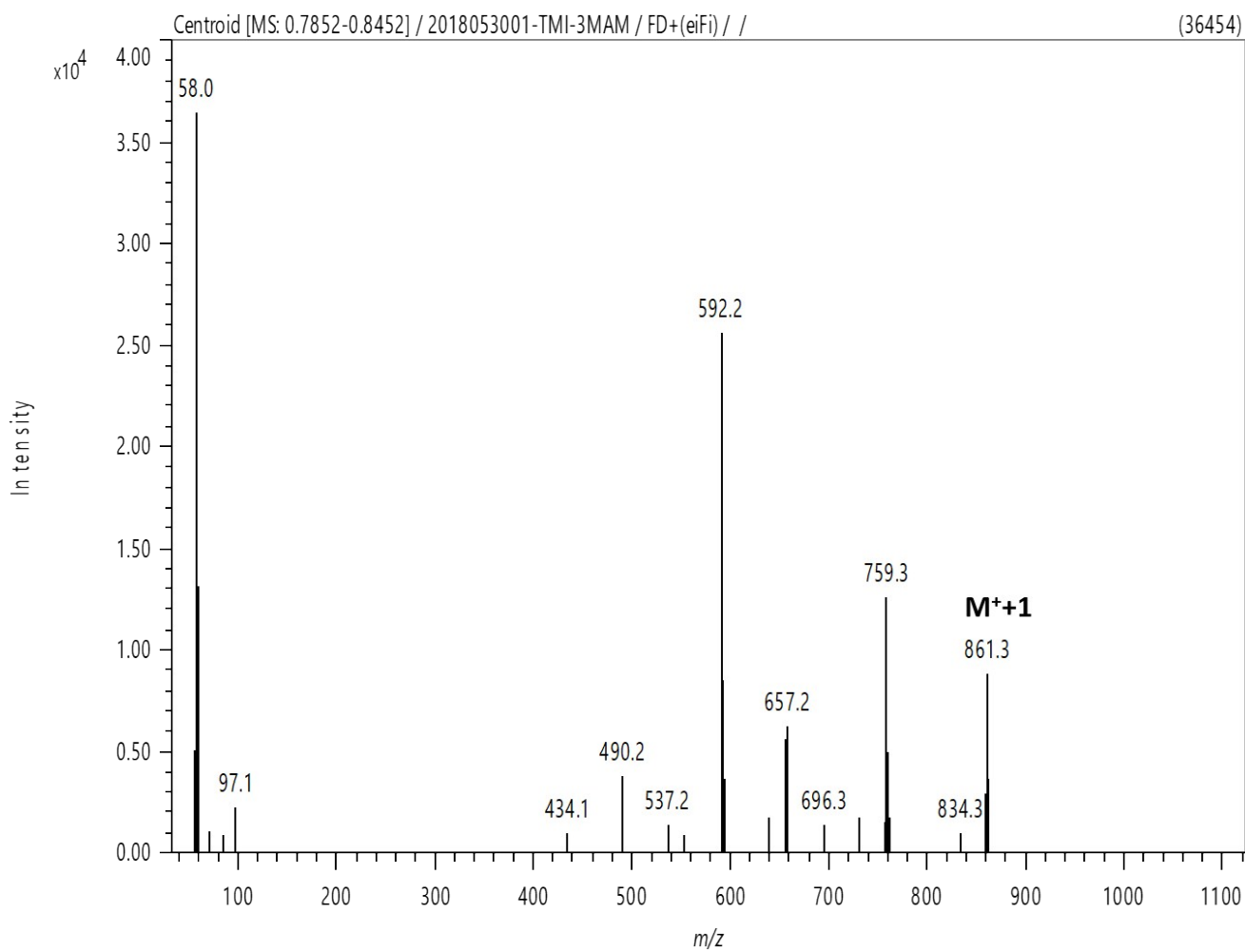


Figure S6. Low Resolution Field Desorption Mass spectra of 3MA.

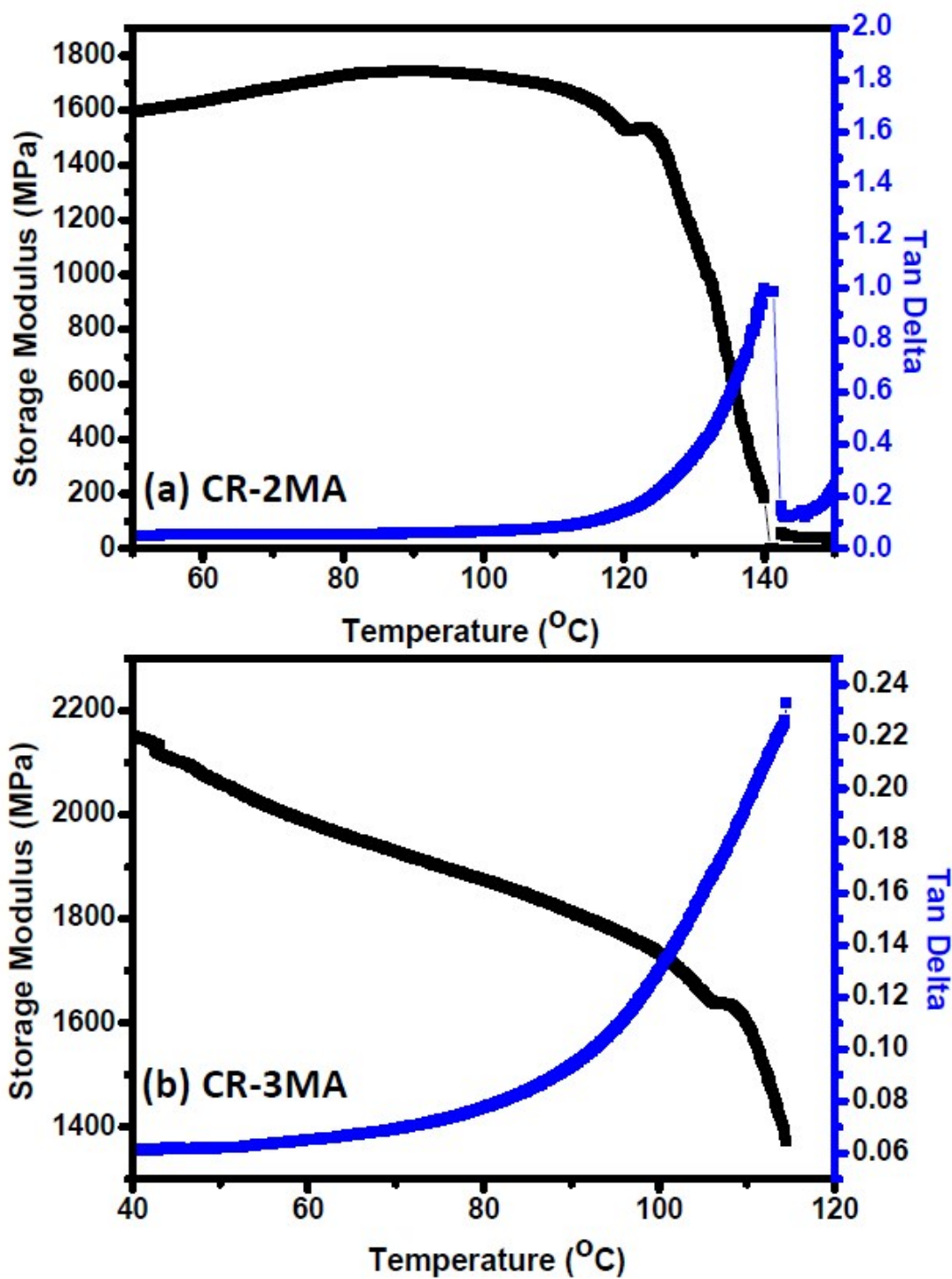


Figure S7 DMA thermograms of thermally cured sample of (a) 2MA (CR-2MA) and (b) 3MA (CR-3MA).

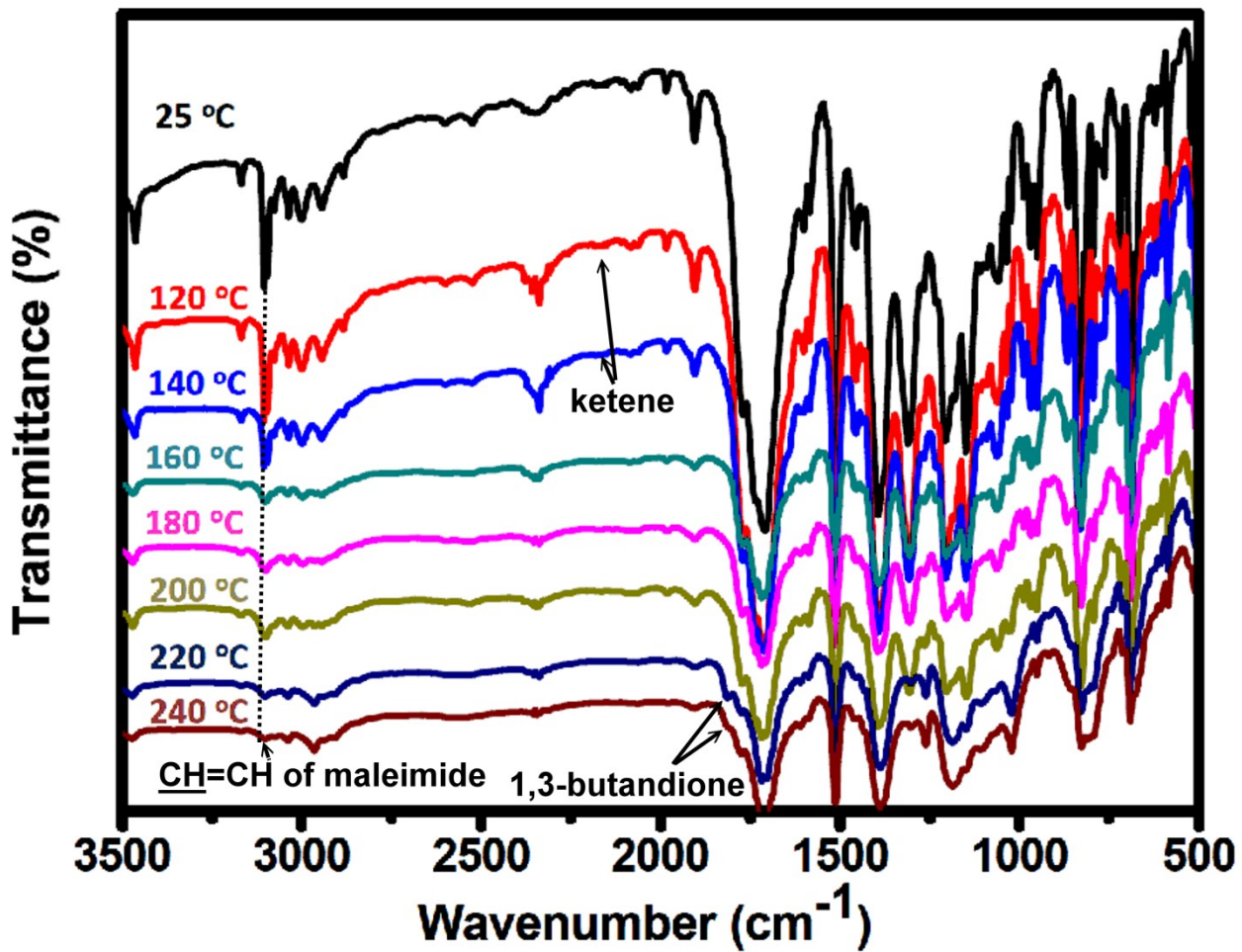


Figure S8 FTIR spectra of a BMI/2MA mixture (weight: 50/50) recorded at different temperatures.

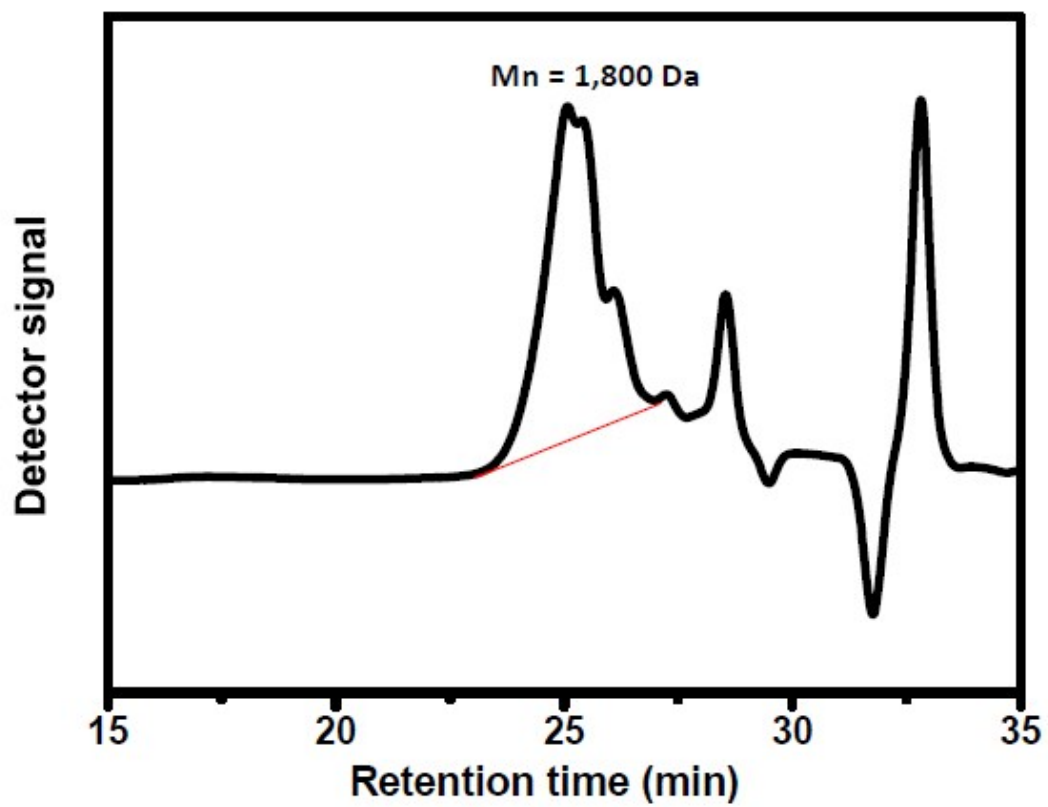


Figure S9 GPC chromatogram of poly(BMI-MA).