

Supporting Information

Probing the Reaction Mechanisms Involved in the Decomposition of Solid 1,3,5-Trinitro-1,3,5-Triazinane (RDX) by Energetic Electrons

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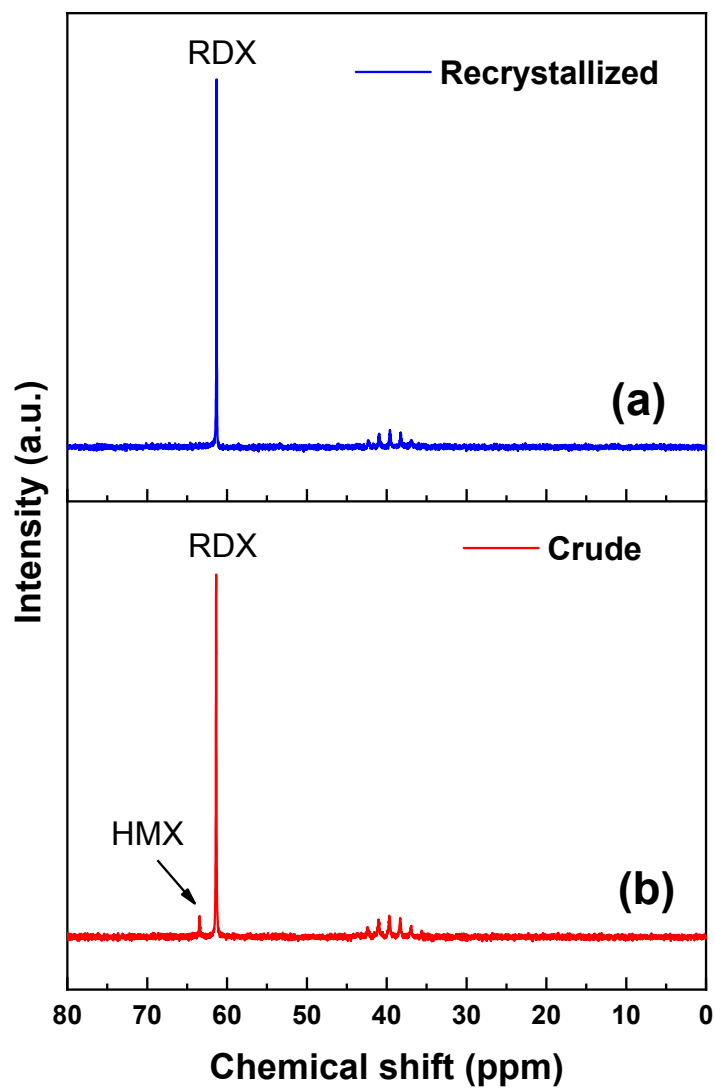


Figure S1. ¹³C NMR spectra of (a) recrystallized RDX (b) crude RDX. Peak at 63.47 ppm in the NMR spectra of crude RDX corresponds to HMX impurity which is absent in the NMR spectra measured after recrystallization of RDX.

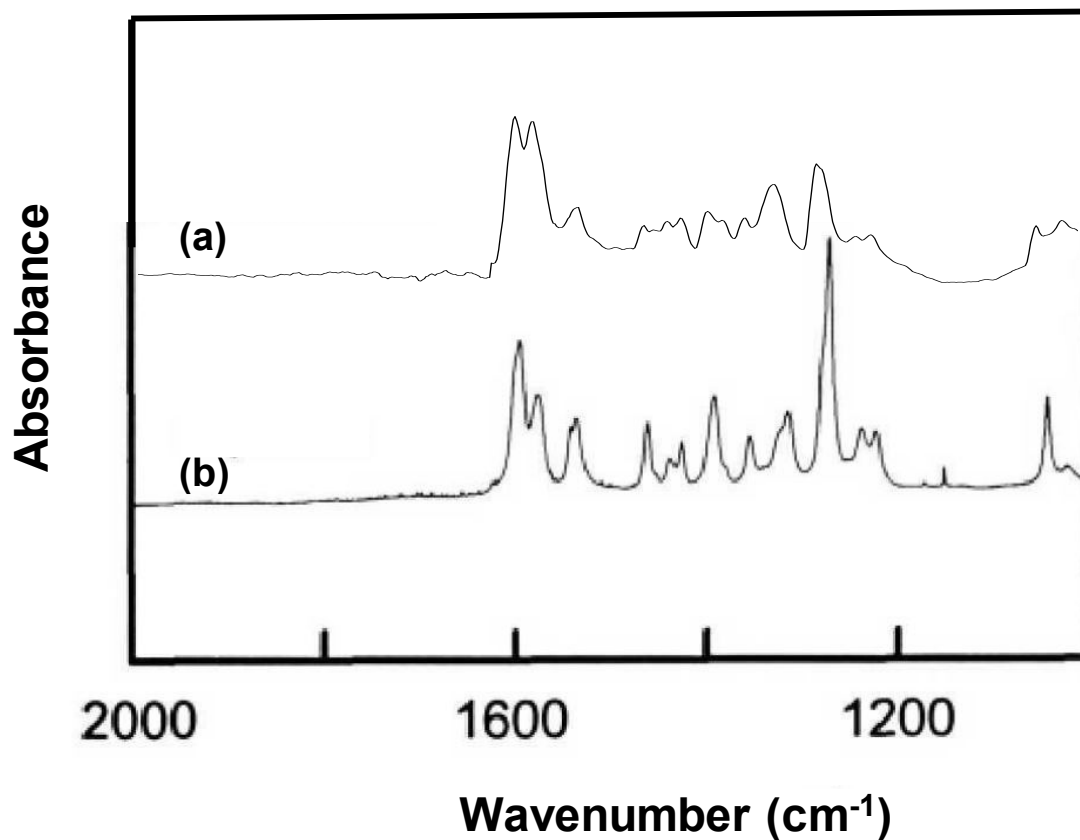


Figure S2. Infrared spectra of (a) amorphous phase of RDX film measured in the current work and (b) crystalline phase of RDX film measured by Botcher, T. R. *et al.* Fig (b) is adapted with permission from Botcher, T. R.; Wight, C. A. *J. Phys. Chem.* **1993**, *97*, 9149-9153. Copyright (1993) *American Chemical Society*.