Structural Characterization of the UV-Induced Fragmentation Products in an Ion Trap by Infra-Red Multiple Photon Dissociation Spectroscopy.

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Supplementary Information

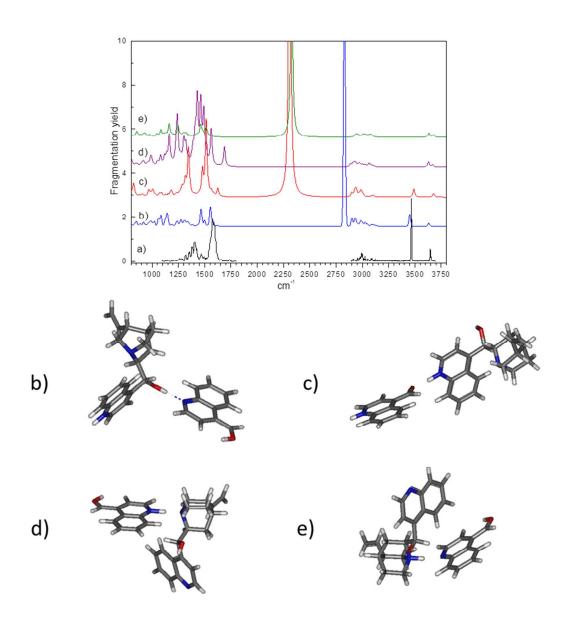


Figure S1.

Comparison between the experimental (a) and simulated (b-e) vibrational spectrum (top) and calculated structure (bottom) of the photofragment (m/z 453) arising from the UVPD of (Cd)₂H⁺ The experimental IRMPD spectrum has been recorded by monitoring the CdH⁺ loss channel. The structures have been calculated at the b97-D/TZVPP level of theory. The structures b) and c) match the experimental spectrum and are discussed in the text.