

The Rearrangements of Naphthylnitrenes: UV/Vis and IR Spectra of Novel Azirines, Cyclic Ketenimines and Nitrile Ylides

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Supporting Information, part 2

Figure S1: Molecular Orbitals of **13** and **20**

Figure S2: experimental and calculated IR spectrum of ketenimine **10**

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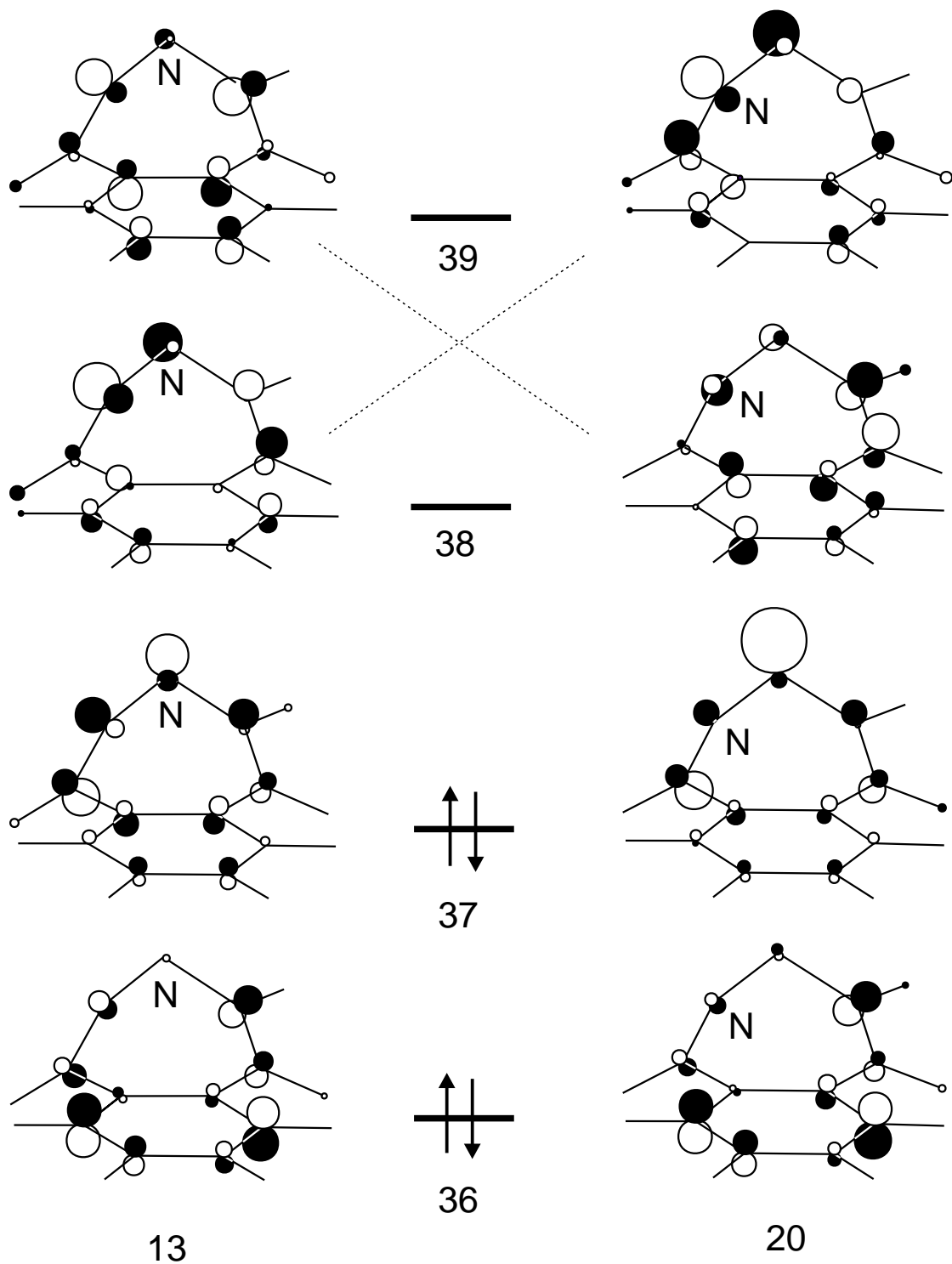


Figure S1: Molecular orbitals of 13 and 20 (cf. Figure 9 in the paper) .

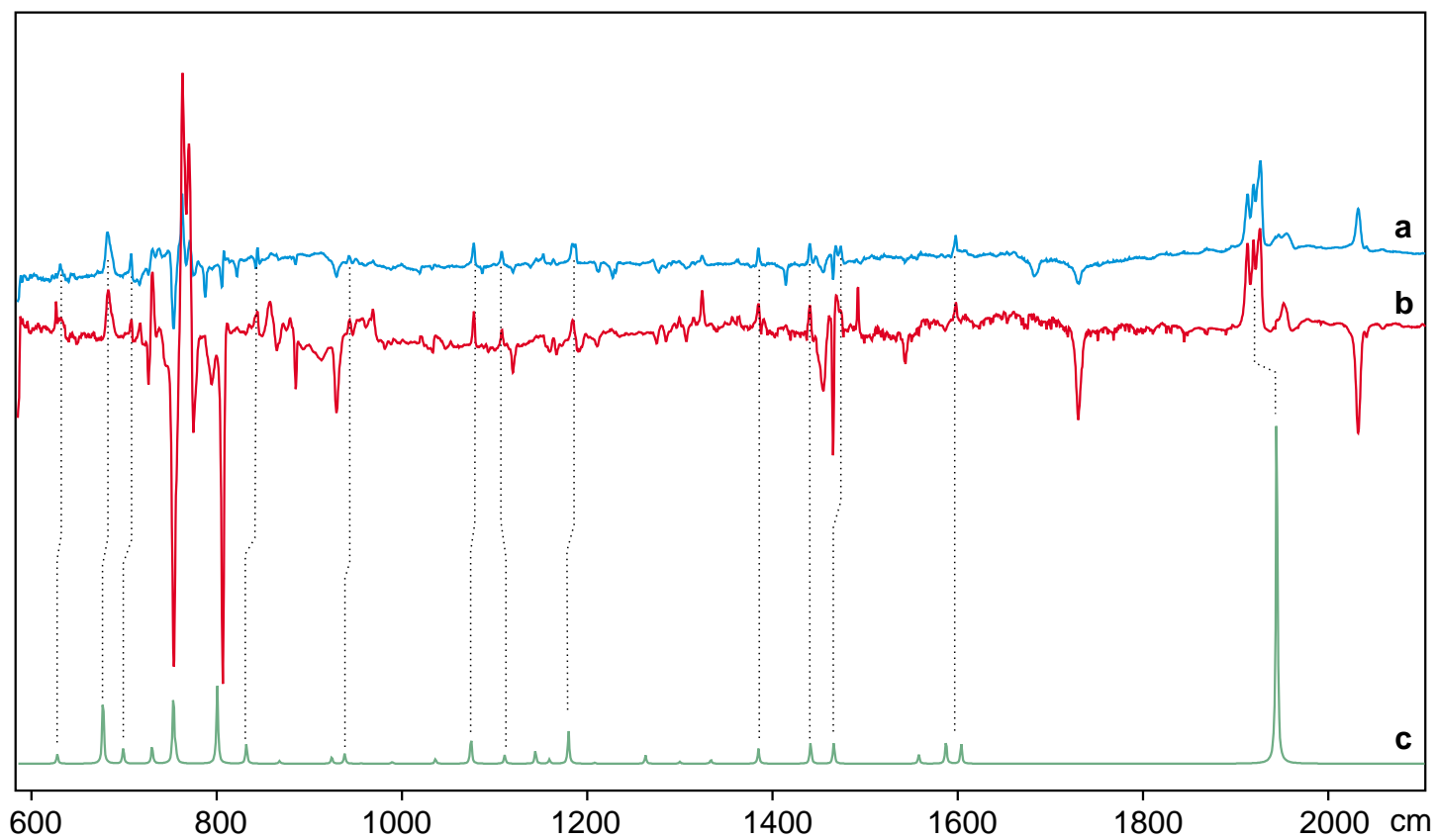


Figure S2: a) and b) are difference spectra for 313 nm irradiation (different time), normalized with respect to the group of bands at 1910-1930 cm^{-1} ; c) B3LYP/6-31G* calculated spectrum of **10** (scaling factor 0.97).