

Supporting Information

Influence of molecular structure on heterocyclic-ring dissociation kinetics and structural evolution of laser-induced plasmas

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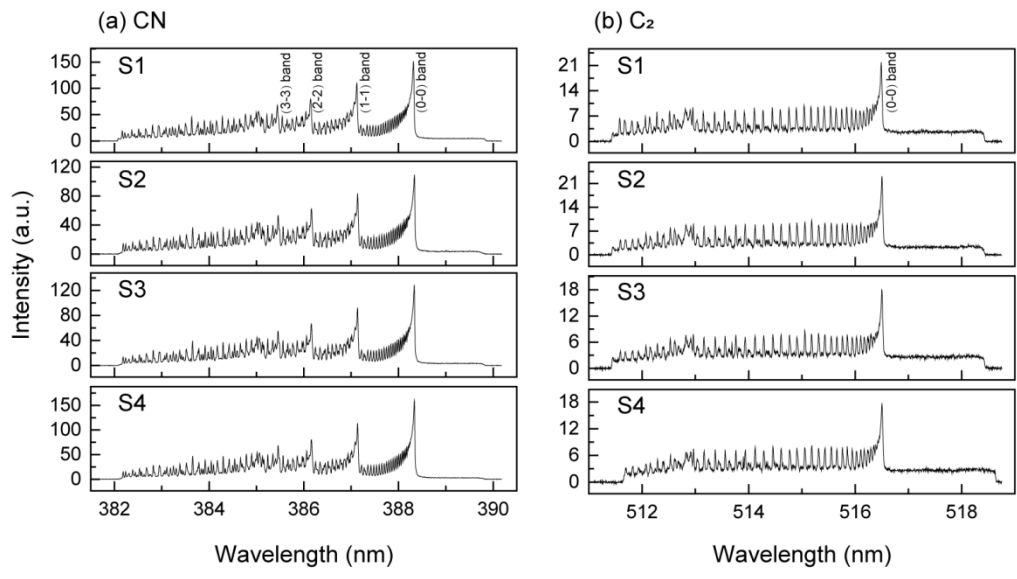


Fig. 1s. LIBS spectra of (a) CN violet system ($B^2\Sigma^+ - X^2\Sigma^+$, $\Delta v = 0$ sequence) and (b) C₂ swan system ($d^3\Pi_g - a^3\Pi_u$, $\Delta v = 0$ sequence) of laser ablated S1 to S4.

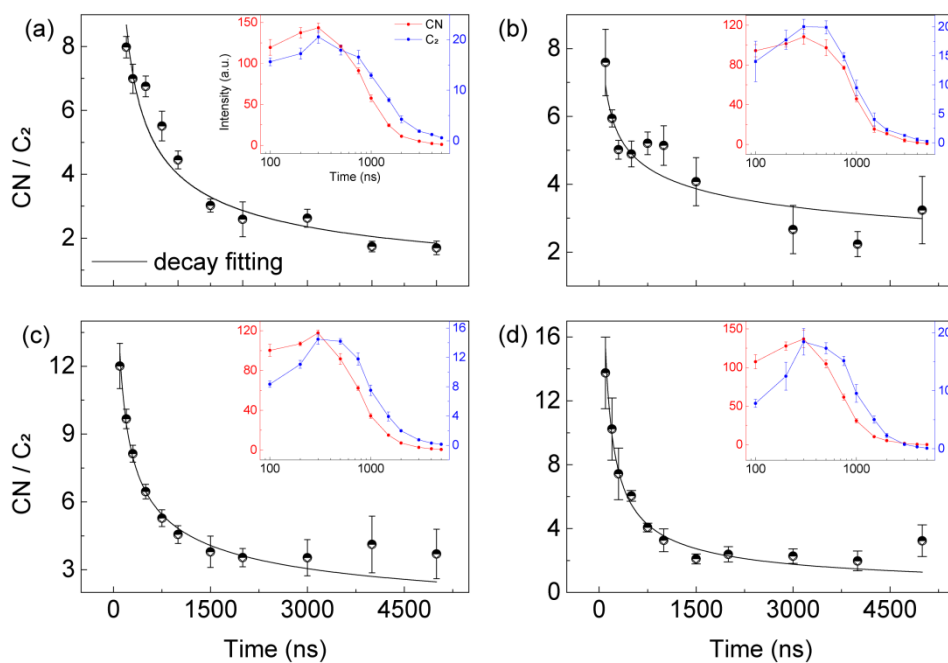


Fig. 2s. Intensity ratio CN / C_2 as a function of delay time for (a) S1, (b) S2, (c) S3 and (d) S4. The corresponding CN and C_2 emission intensities are shown in the insets.