HIGH RESOLUTION SPECTROSCOPY OF B EXCITED STATE OF BENZENE DIMER CATION

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High resolution spectrum of B-X absorption band of benzene dimer cation in the 600-700 nm region [a] was measured with a Coherent 899-21/899-29 ring dye laser, by monitoring predissociation in an Extrel triple quadrupole mass spectrometer. The spectrum was featured with a ca. 200-cm^{-1} progression.

[a] K. Ohashi and N. Nishi, J. Chem. Phys.95, 4002 (1991); K. Ohashi, Y. Nakai, T. Shibata, and N. Nishi, Laser Chem.14,3 (1994)