

# High temperature Infrared Spectroscopy of Large Aromatic Molecules

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- ❖ Infrared Spectra of Pyrene, Coronene and Dicoronylene from 300K to 723K
- ❖ Study in solid phase with PAHs embedded in a KBr pellet
- ❖ Bands shift with temperature, in most cases in agreement with available gas phase data
- ❖ Anharmonicity factors could be derived for all bands corresponding to the major aromatic infrared bands

(AIBs)

