

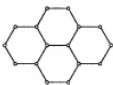
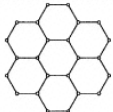
Fig. 1. from Normal Coordinate Analysis and Vibrational Spectra of Aromatic Carbon Nanostructures

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PAH Analog	Structure	$n(\text{C})$	$n(\text{CH}_n)$
Pyrene		16	10
Coronene		24	12
Ovalene		32	14
Hexabenzocoronene (HBC)		42	18
Octabenzocoronene (OBC)		46	18
Circumcoronene (CC)		54	18
Circumhexabenzocoronene (CHCB)		84	24
Dicircumcoronene (DCC)		96	24