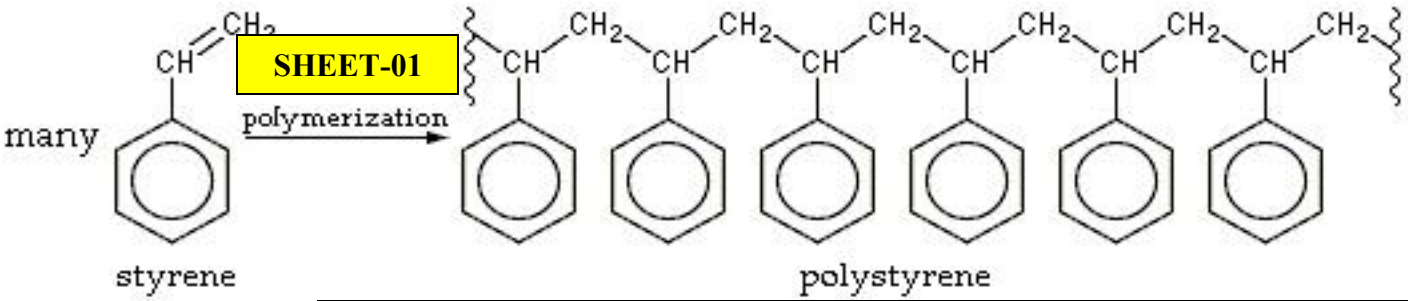
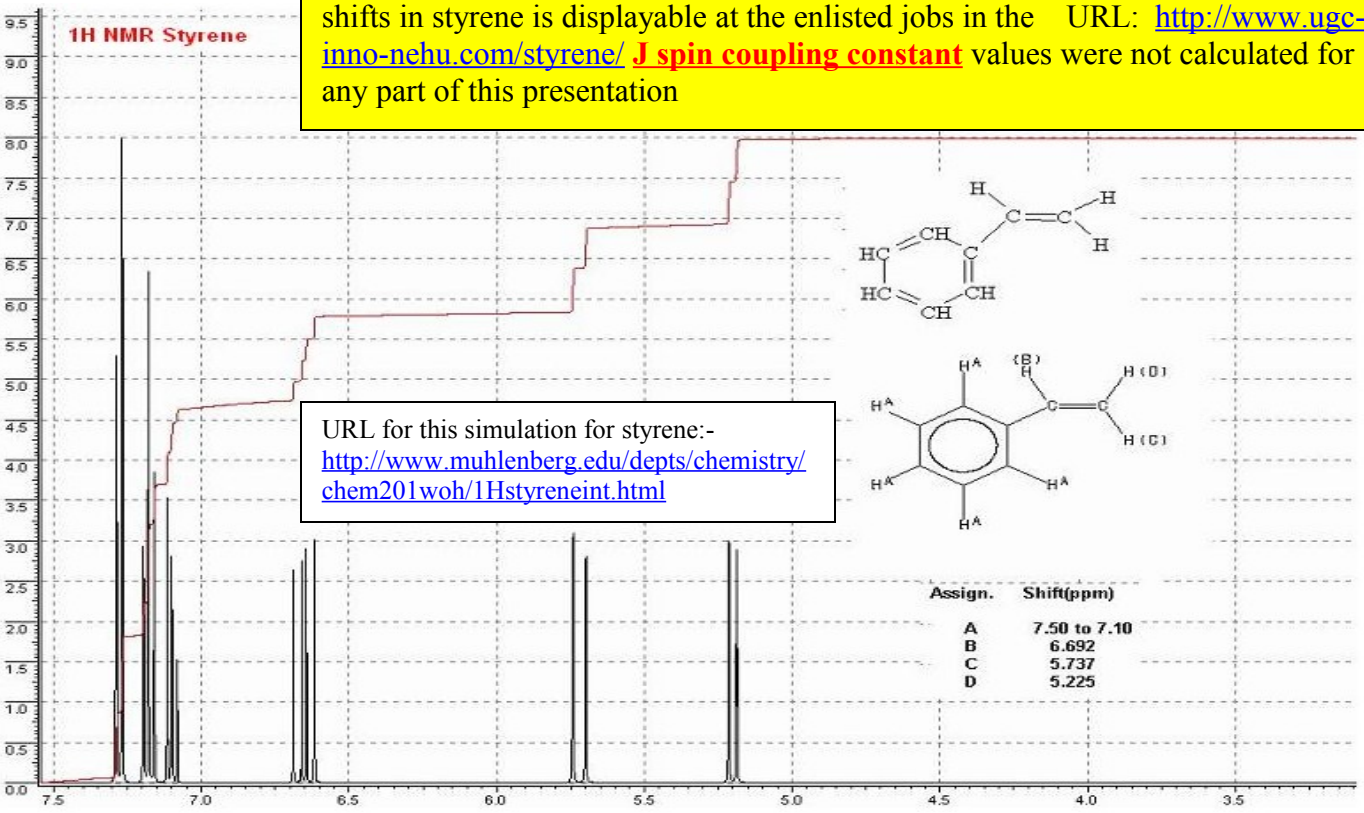


Theoretical Calculated Chemical shifts values & the spectral plot of chemical shifts in styrene is displayable at the enlisted jobs in the URL: http://www.ugc-inno-nehu.com/styrene/ **J spin coupling constant** values were not calculated for any part of this presentation



A compilation of Spectral (1H NMR) data available on Styrene Polystyrene system

TABLE VI-1

CHEMICAL SHIFTS AND COUPLING CONSTANTS FOR ISOTACTIC POLYSTYRENE (2% IN *o*-DICHLOROBENZENE)[a]

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Temp, °C	τ_A	τ_B	τ_C	J_{AB}, Hz	J_{AC}, Hz	J_{BC}, Hz	Line width, Hz
55	8.527	8.433	7.806	−14.5	7.5	6.0	8.0
80	8.518	8.436	7.795	−14.5	7.5	6.0	6.0
100	8.499	8.426	7.771	−14.5	7.25	6.25	6.0
130	8.462	8.403	7.746	−14.5	7.25	6.25	5.5
160	8.413	8.369	7.682	−14.5	7.25	6.25	4.0

[a] A, high-field β-proton; B, low-field β-proton; C, α-proton.