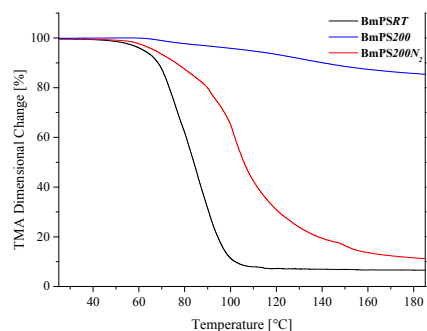


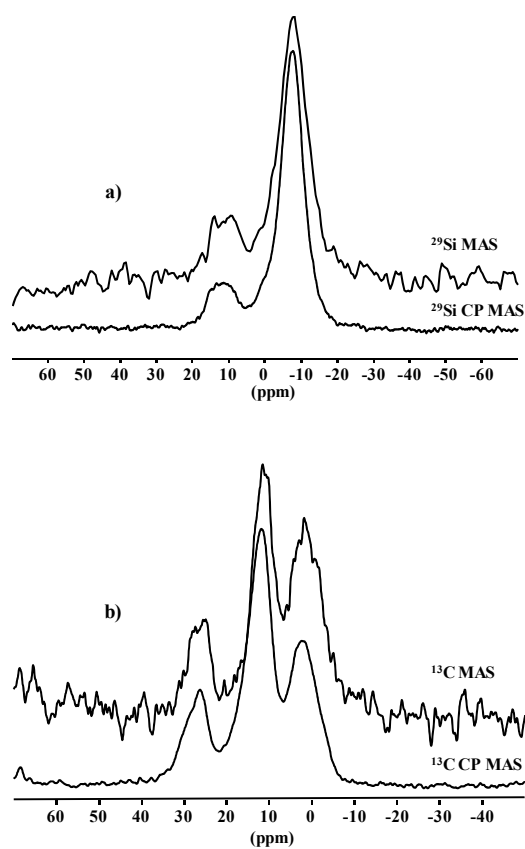
## Study of the Intermediate Pyrolysis Steps and Mechanism Identification of Polymer-Derived SiBCN Ceramics

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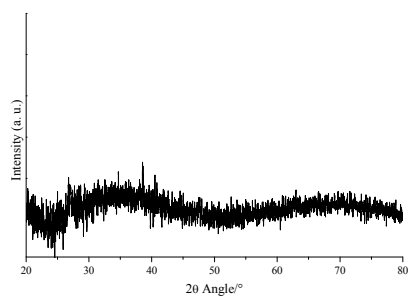
### Electronic Supplementary Information



**Figure 1SI.** TMA curves recorded under nitrogen in the temperature range RT – 185 °C for samples **BmPSRT**, **BmPS200N<sub>2</sub>** after thermolysis to 200 °C in flowing nitrogen and **BmPS200**.



**Figure 2SI.** Effect of cross polarization on NMR spectra : a) <sup>29</sup>Si CP MAS and <sup>29</sup>Si MAS NMR spectra of **BmPS100** b) <sup>13</sup>C CP MAS and <sup>13</sup>C MAS NMR spectra of **BmPS100**



**Figure 3SI.** XRD pattern of **BmPS1000**.