

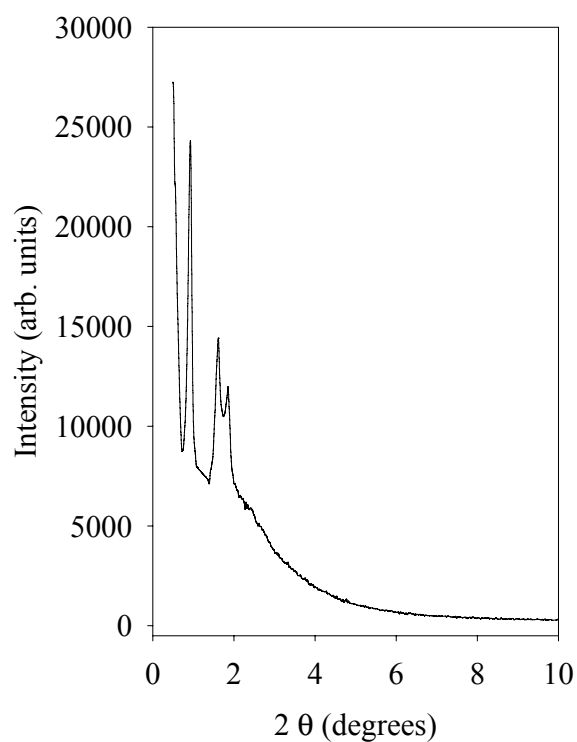
Supplementary Information

**Mesoporous boron nitride and boron nitride carbon materials from
mesoporous silica templates**

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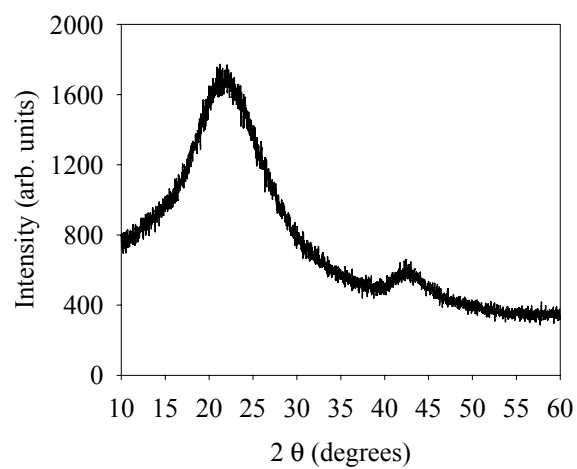
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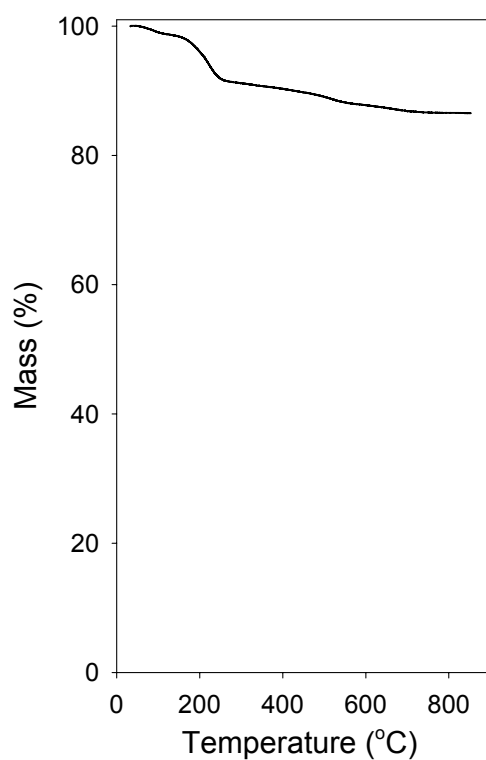


Supplementary Figure S1. Powder XRD pattern of calcined mesoporous silica SBA-15.

Low angle XRD was used to ascertain the long-range ordering of the arrangement of pores in the calcined mesoporous silica SBA-15. Three peaks, corresponding to the (100), (110) and (200) reflections are observed, thus confirming $p6mm$ symmetry. The d spacing of the silica is 95.8 Å corresponding to a unit cell parameter, a_o , of 110.6 Å.



Supplementary Figure S2. High angle XRD pattern of SBA-15/BH₃.NH₃ after 6 hours of CVD.



Supplementary Figure S3. Thermogravimetric analysis (TGA) curve for sample BNs.

The main mass loss event is the desorption of water (ca. 7 wt%) below 200 °C. The BNs sample remains stable up to temperatures above 900 °C.