Supporting Information

Chemical Decoration of Boron Nitride Nanotubes Using the Billups-Birch Reaction: Toward Enhanced Thermostable Reinforced Polymer and Ceramic Nanocomposites

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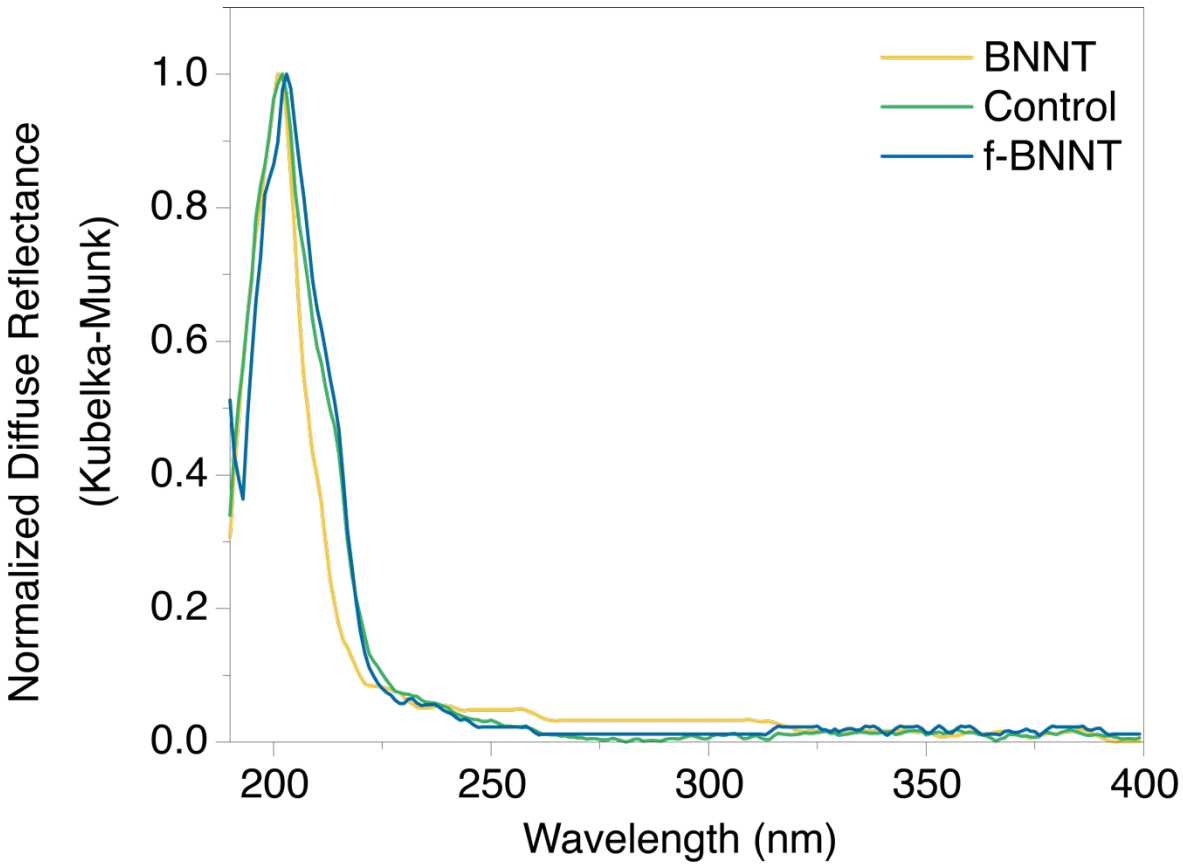

Figure S1. Normalized diffuse reflectance of BNNTs, control BNNTs, and f-BNNTs (< 60% reflectance at 200 nm).

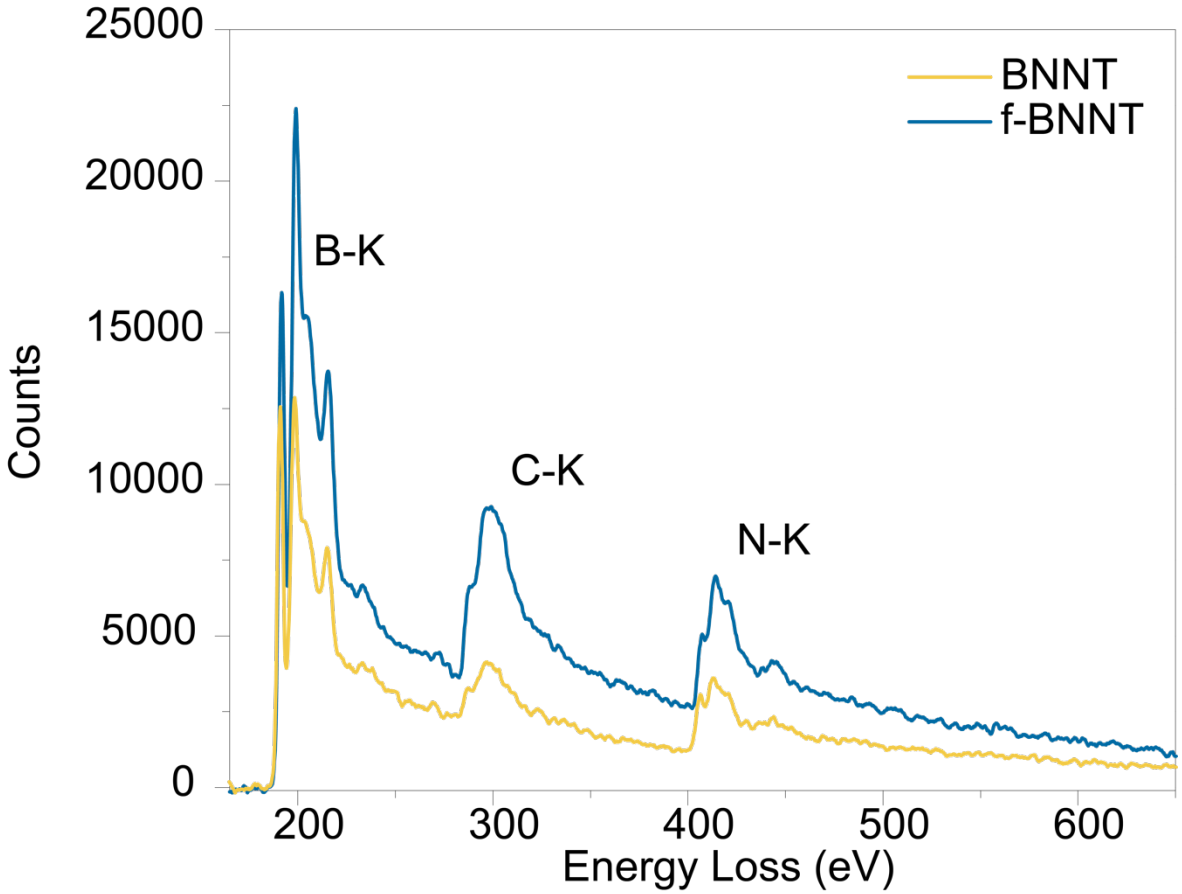

Figure S2. STEM-EELS of BNNT and f-BNNT showing the boron, nitrogen and carbon edges

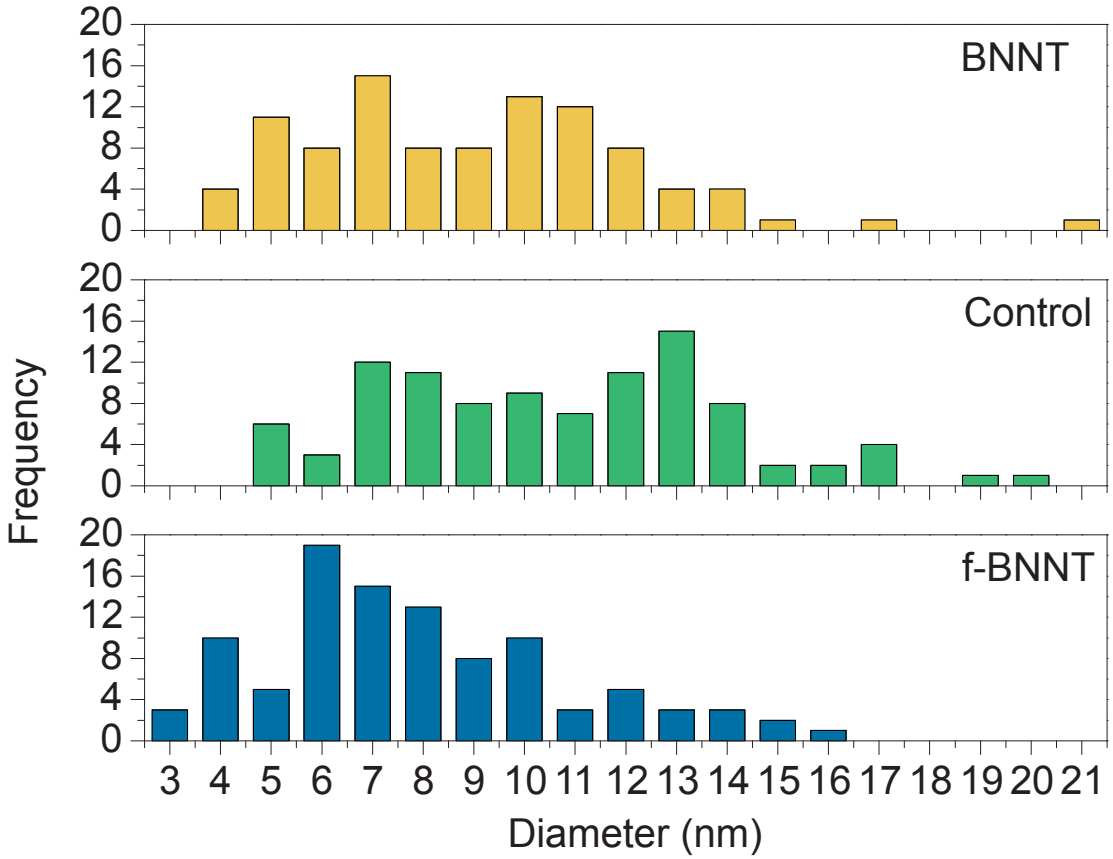

Figure S3. Heights of 100 individual nanotubes in BNNTs, control BNNTs, and f-BNNTs. Measurements were taken from the center of each of the nanotubes.

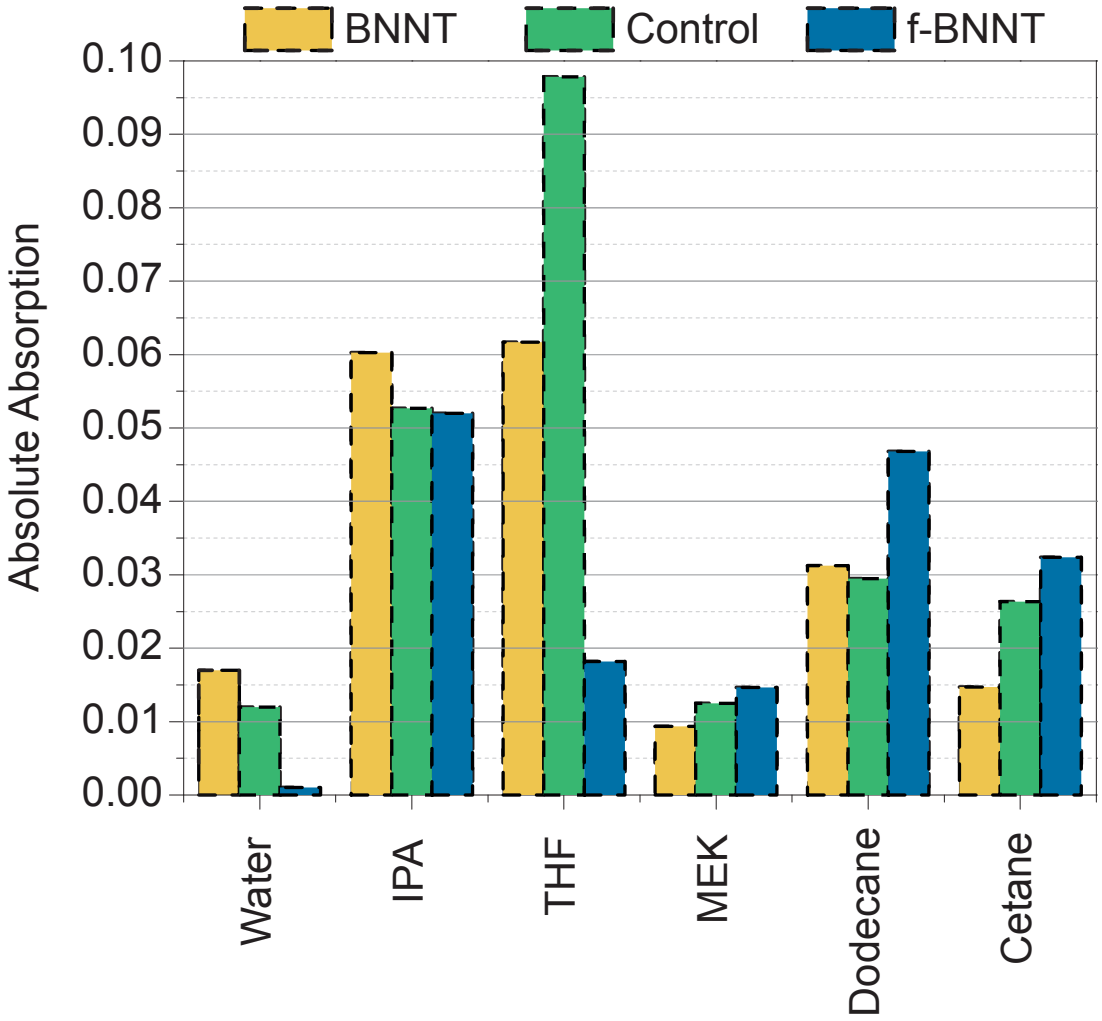

Figure S4. Absolute absorption for the dispersibility of BNNTs, control BNNTs and f-BNNTs in different solvents.