Electronic Supplementary Material (ESI) for RSC Advances. This journal is © The Royal Society of Chemistry 2017

Supporting Information



Figure S1. AFM images and their size-distribution histograms: (a) NGQD-5, (b) NGQD-7,

(c) NGQD-9, and (d) NGQD-12.



Figure S2. The full-range XPS spectra of N-modified GN sample: (a) NGQD-5, (b) NGQD-

7, (c) NGQD-9, and (d) NGQD-12.