Supplementary Materials: Gold Nanotriangles as Selective Catalysts for Cyclohexanol and Cyclohexanone Production

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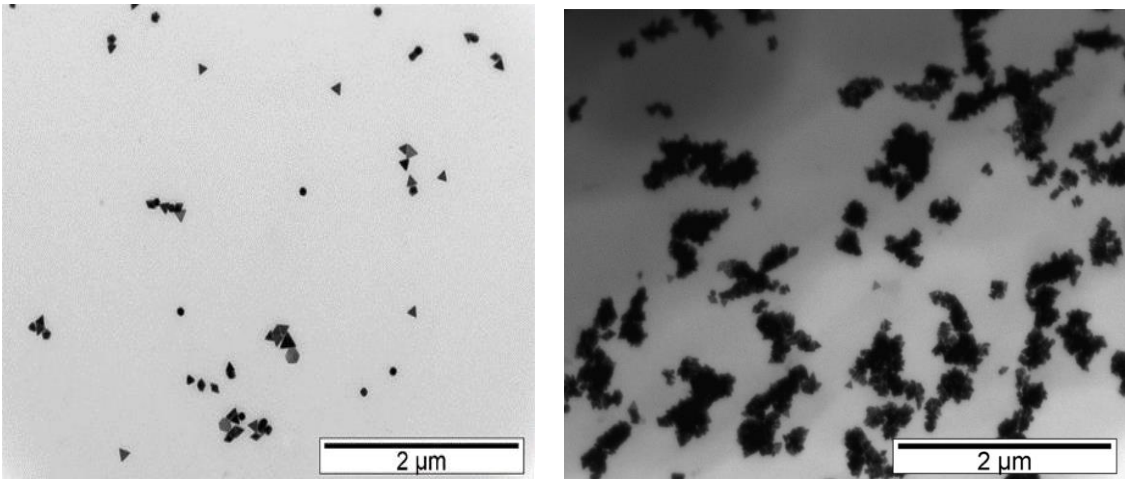

Figure S1. Additional Transmission Electron Microscopy (TEM) images (**a**) and (**b**) and histogram (c) of Au NTs.

Calculations for NTs surface and volume of an equilateral triangle were performed using equations S1 and S2:

$$A = \frac{s^2 \times \sqrt{3}}{4} \quad \text{(S1)}$$

where s = length of a side.

$$V = A \times h \quad \text{(S2)}$$

where h is the height of the triangular shape.

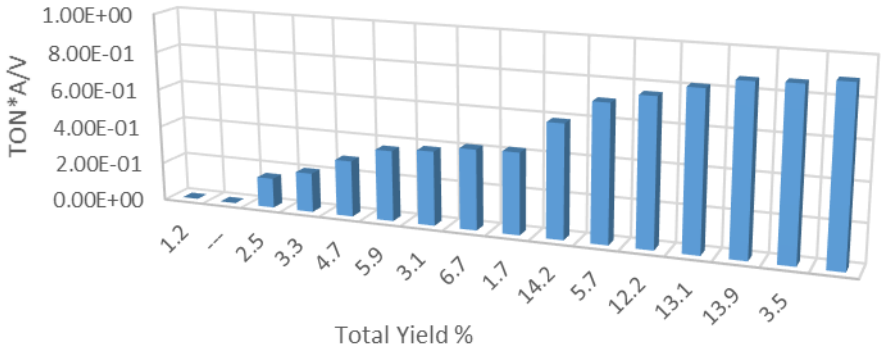

Figure S2. Dependence of turnover number (TON) affected by the surface to volume ratio, on the total yield of products.