## SUPPLEMENTARY INFORMATION

## Evaluation of Postharvest Washing on Ag NPs Removal from Spinach Leaves

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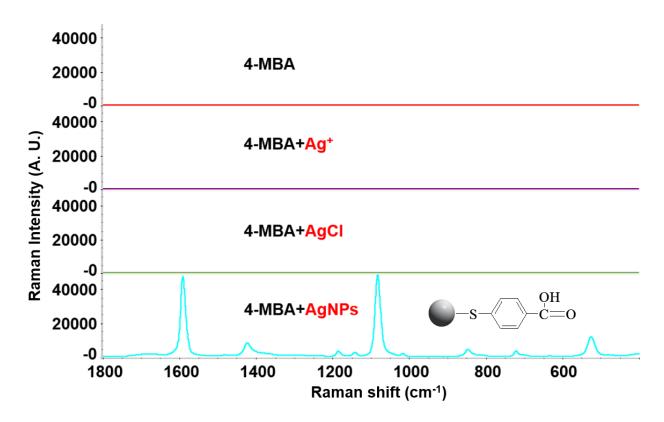


Figure S1. SERS spectra of deionized water (negative control),  $AgNO_3$ , AgCl, AgNPs with 100 mg/L 4-mercaptobenzoic acid.

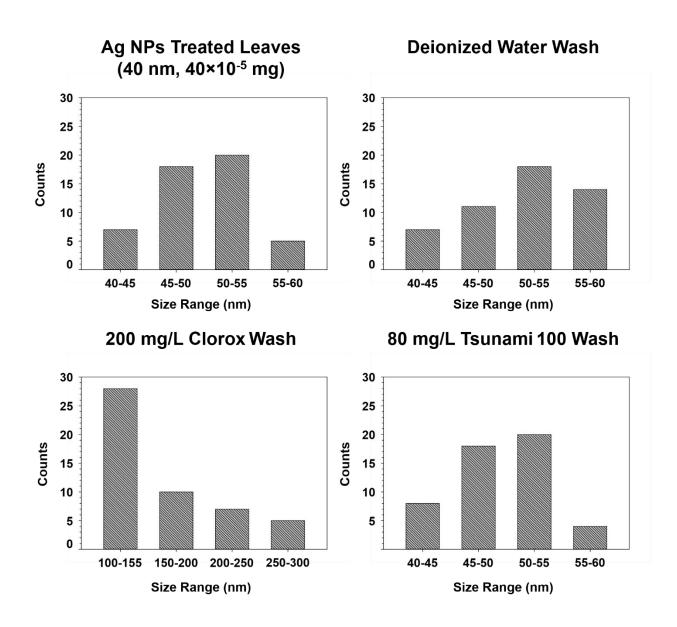


Figure S2. The size distribution of residual particles on spinach after postharvest washing.

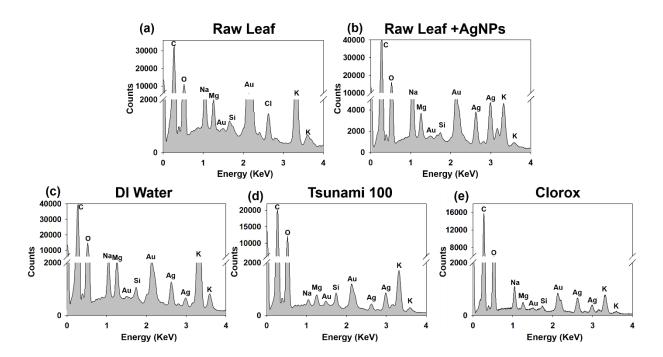


Figure S3. EDS analysis of spinach leaf surfaces treated with  $4\times10^{-4}$  mg AgNPs: (a) raw spinach leaf; (b) AgNPs treated spinach leaves; (c) deionized water washed; (d) 80 mg/L Tsunami 100 treated; (e) 200 mg/L Clorox bleach solution treated.