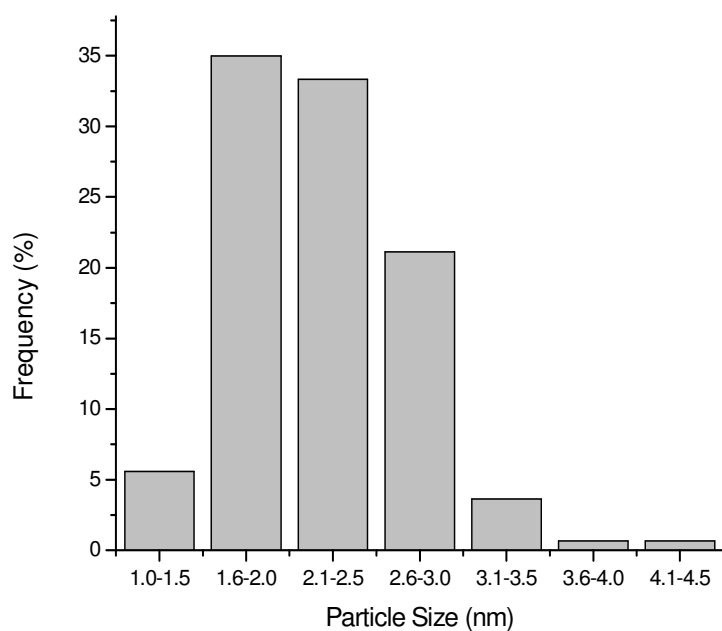
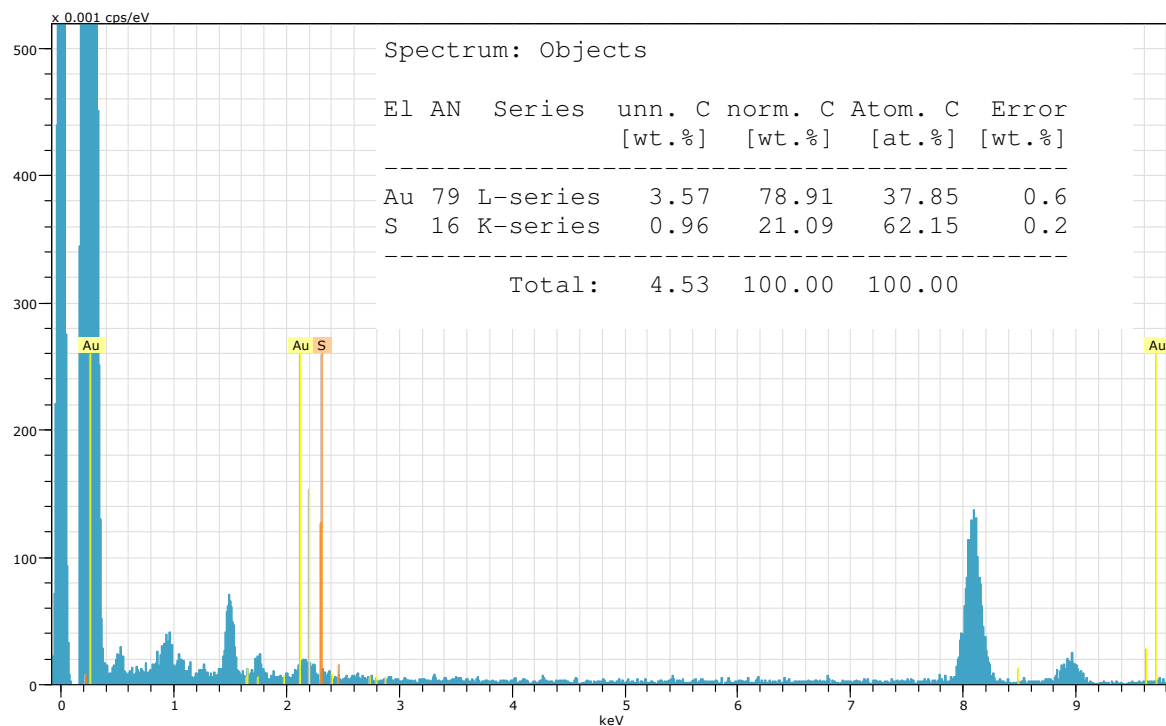


Supporting Information



S.1: Particle size distribution, average size and standard deviation were based on the measurement of 303 nanoparticles. Random gold atom aggregates were not considered for statistics.



S2: Energy-dispersive X-ray (EDX) analysis of the thiol-capped Au nanoparticles