

Supporting Information:

Synthesis and Characterization of new modified silica coated magnetite nanoparticles with bisaldeheyde as selective adsorption of Ag (I) from aqueous samples

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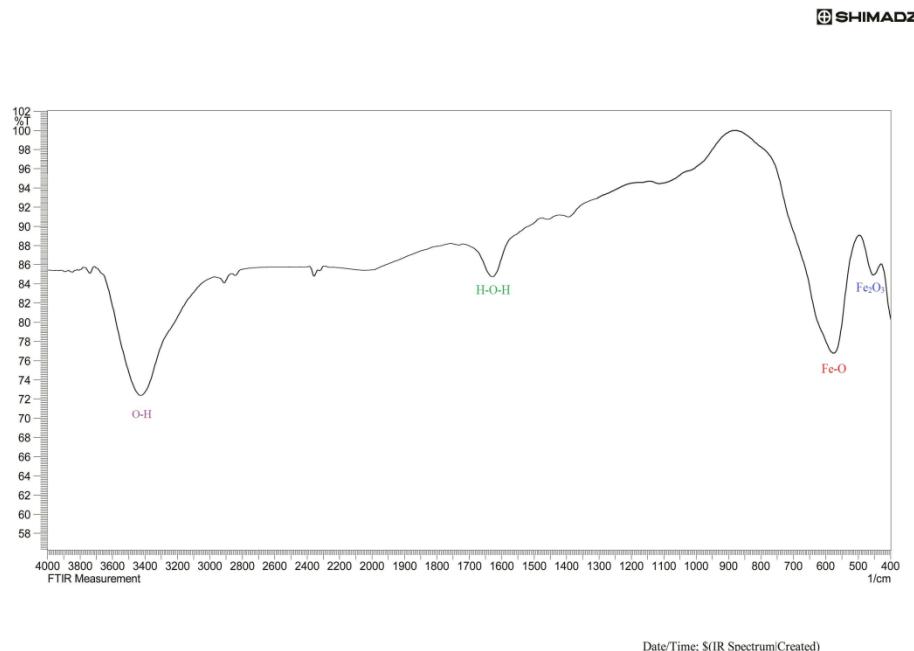
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Supporting Information

Figure S1. FT-IR spectra for *MNPs*



Date/Time; \$ (IR Spectrum|Created)

Figure S2. FT-IR spectra for *SCMNPs*

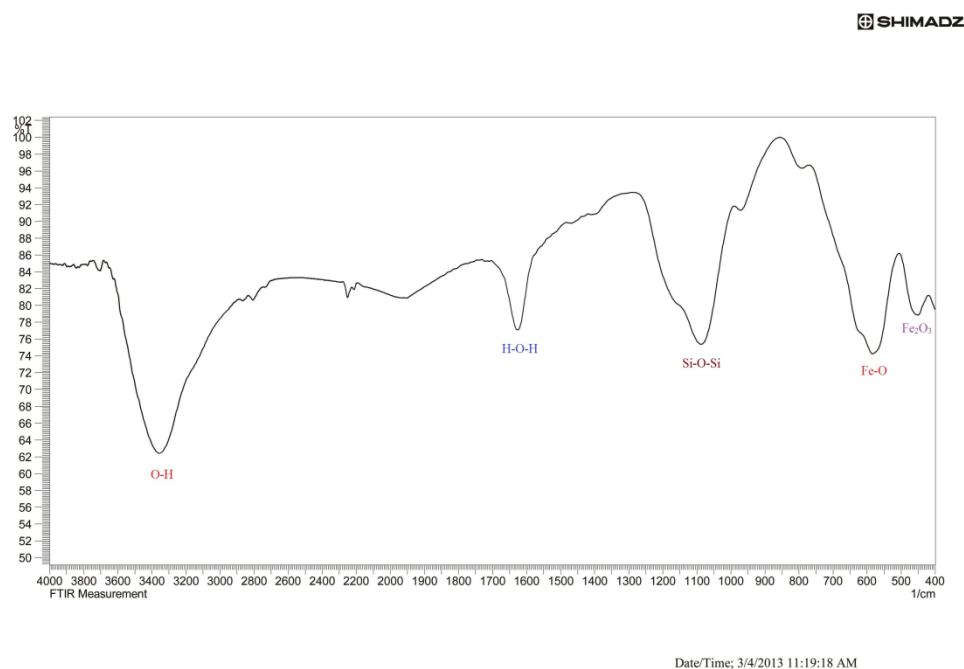
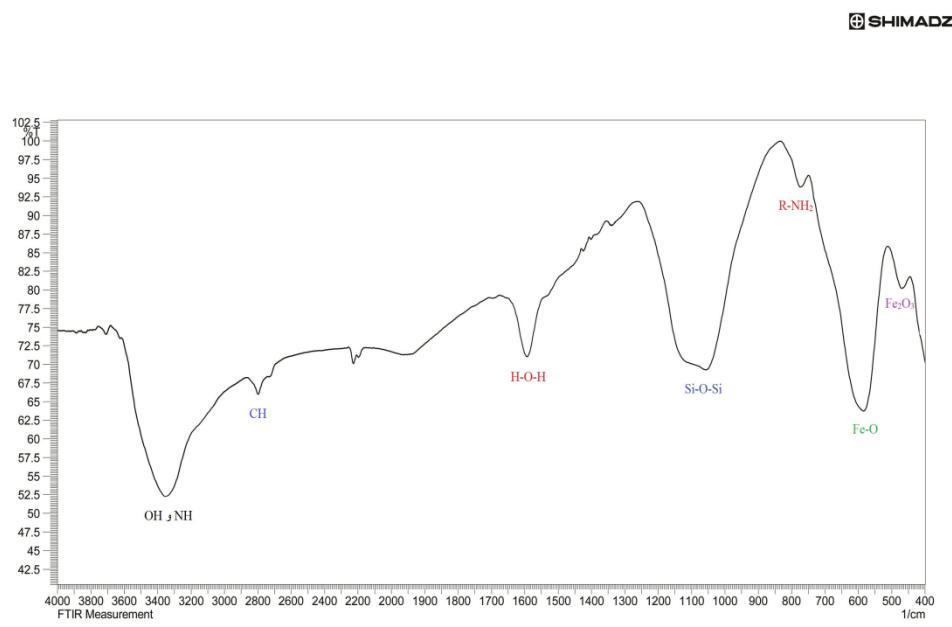
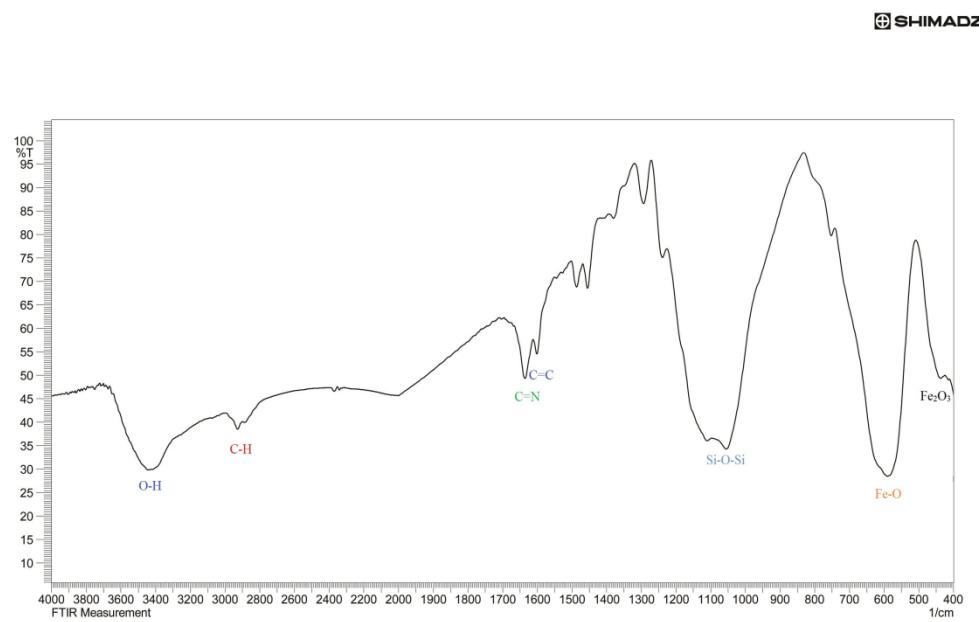


Figure S3. FT-IR spectra for *APTSCMNPs*



Date/Time; 3/4/2013 10:15:42 AM

Figure S4. FT-IR spectra for BISA-*APTSCMNP*s (Normal method)



Date/Time; 3/7/2013 1:09:47 PM

Figure S5. FT-IR spectra for BISA- *APTSCMNP*s (Vice versa method)

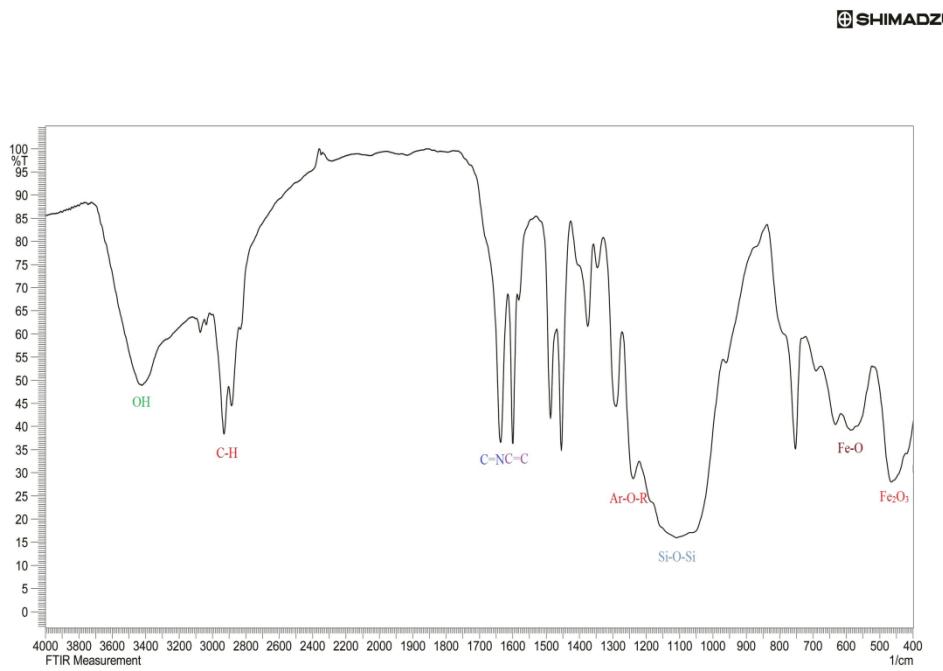


Figure S6. Hysteresis loops of the *MNPs*

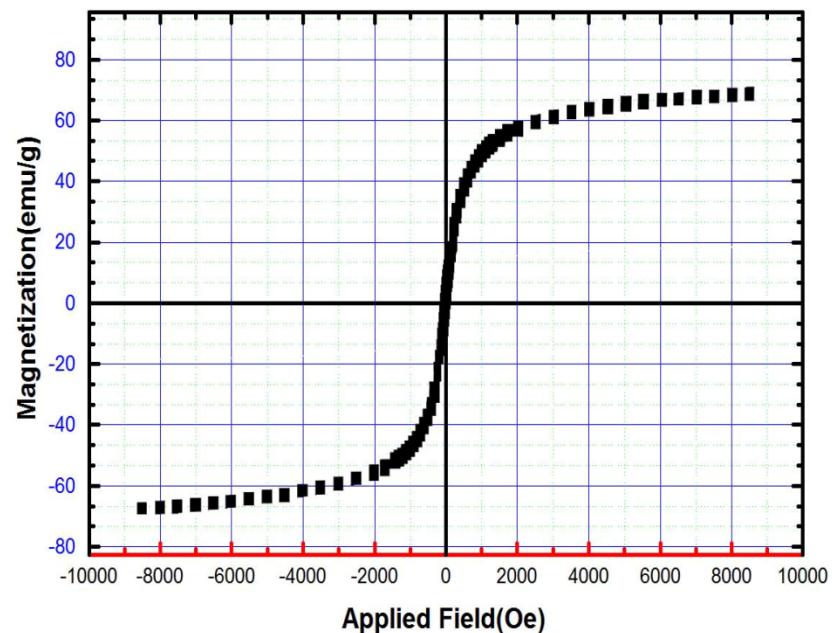


Figure S7. Hysteresis loops of the *SCMNP*s

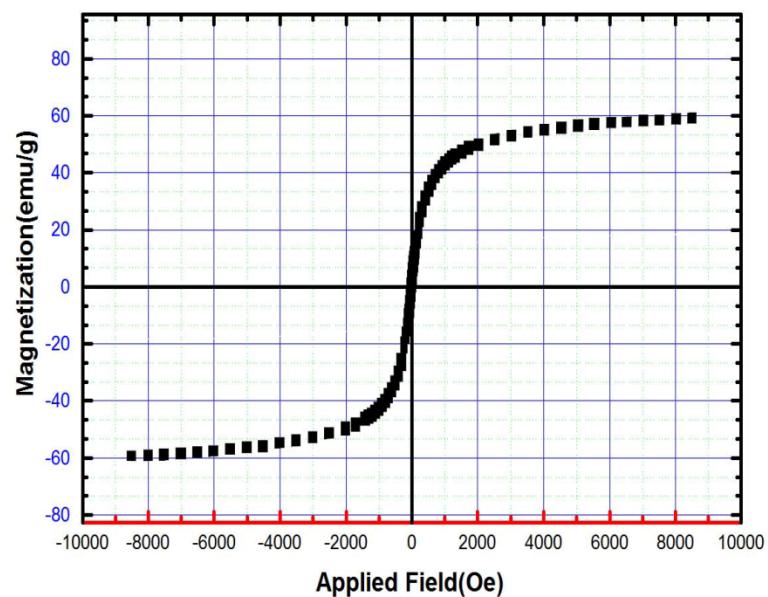


Figure S8. Hysteresis loops of the *APTSCMNP*s

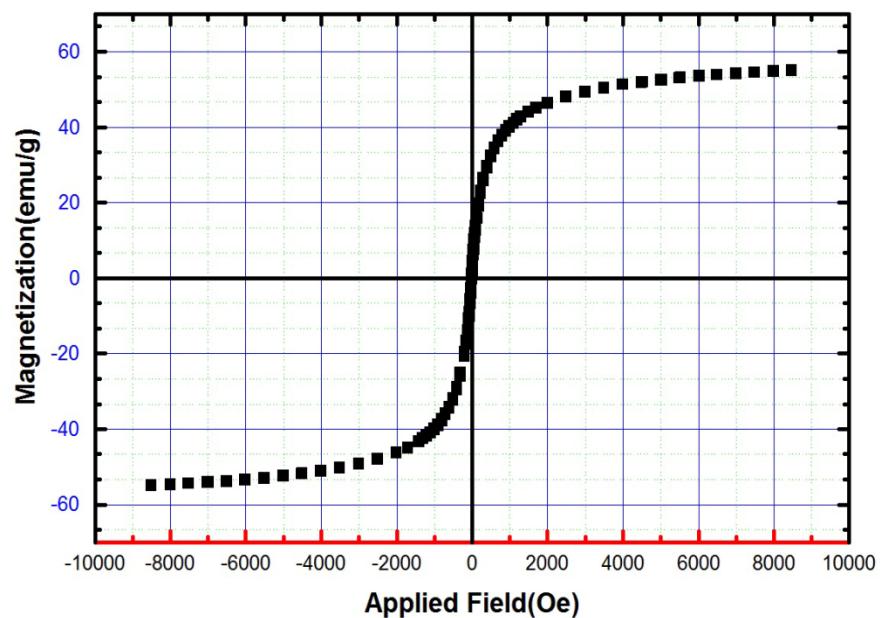


Figure S9. Hysteresis loops of the BISA- *APTSCMNP*s (Normal method)

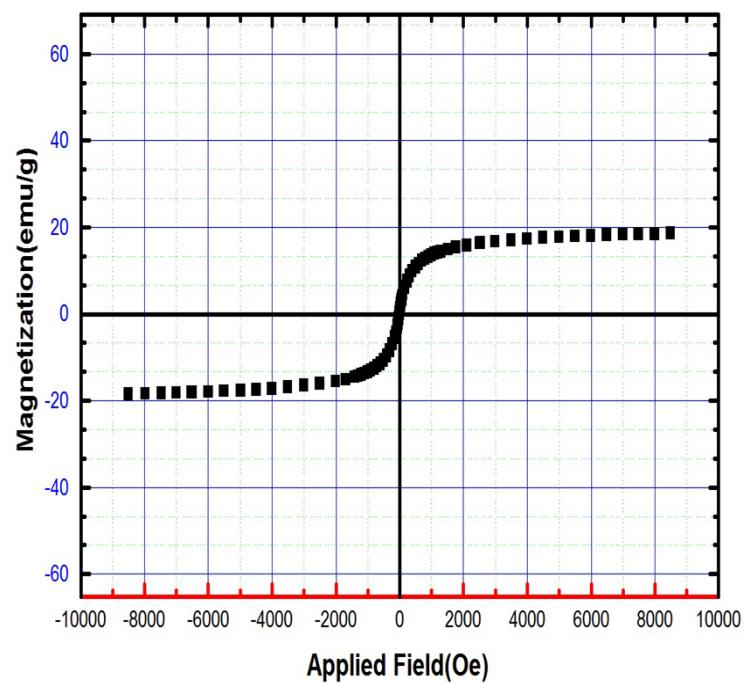


Figure S10. Hysteresis loops of the BISA- *APTSCMNP*s (Vice versa method)

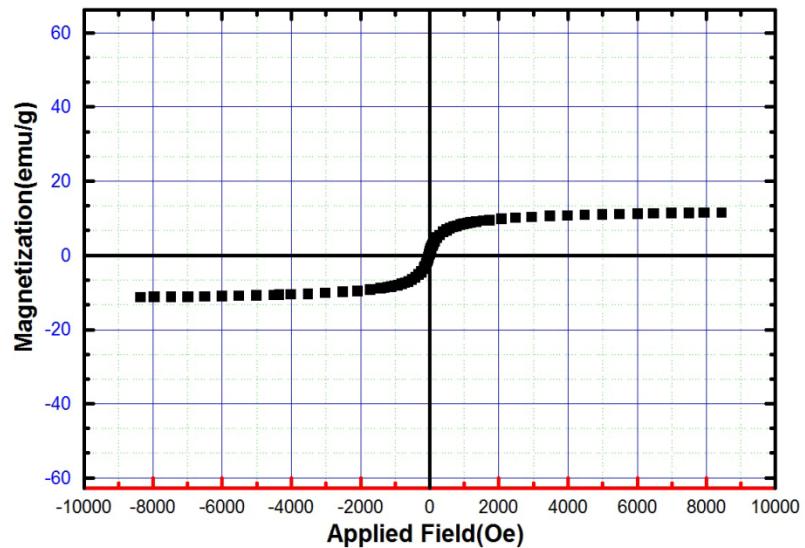


Figure S11. The Uv-vis spectra of the *MNPs*

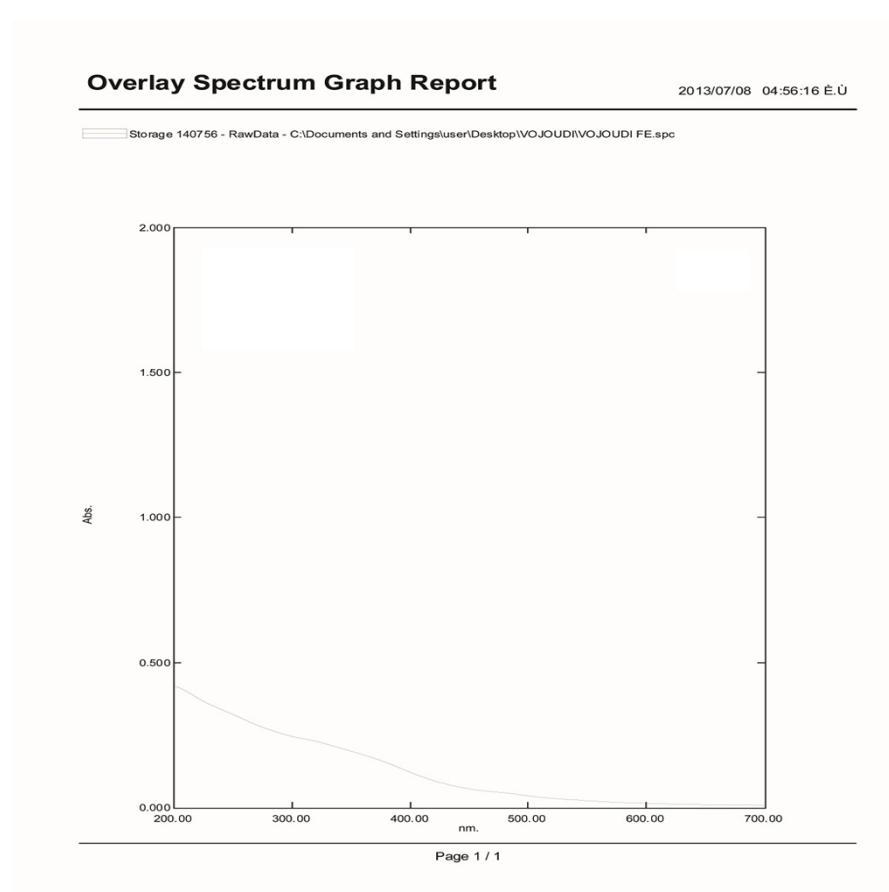


Figure S12. The Uv-vis spectra of the *SCMNPs*

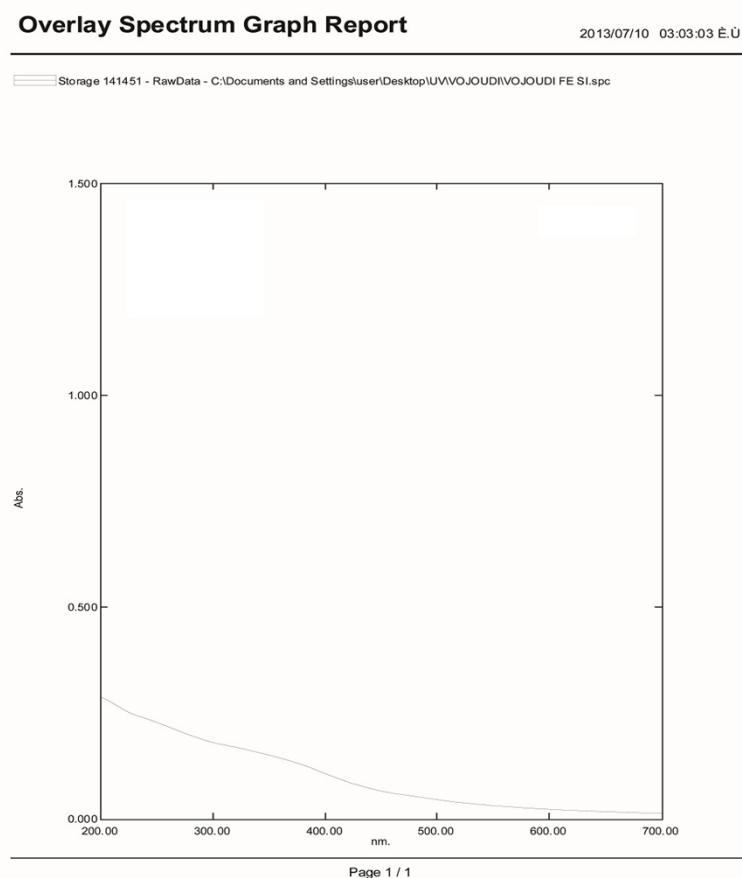


Figure S13. The Uv-vis spectra of the *APTSCMNP*s

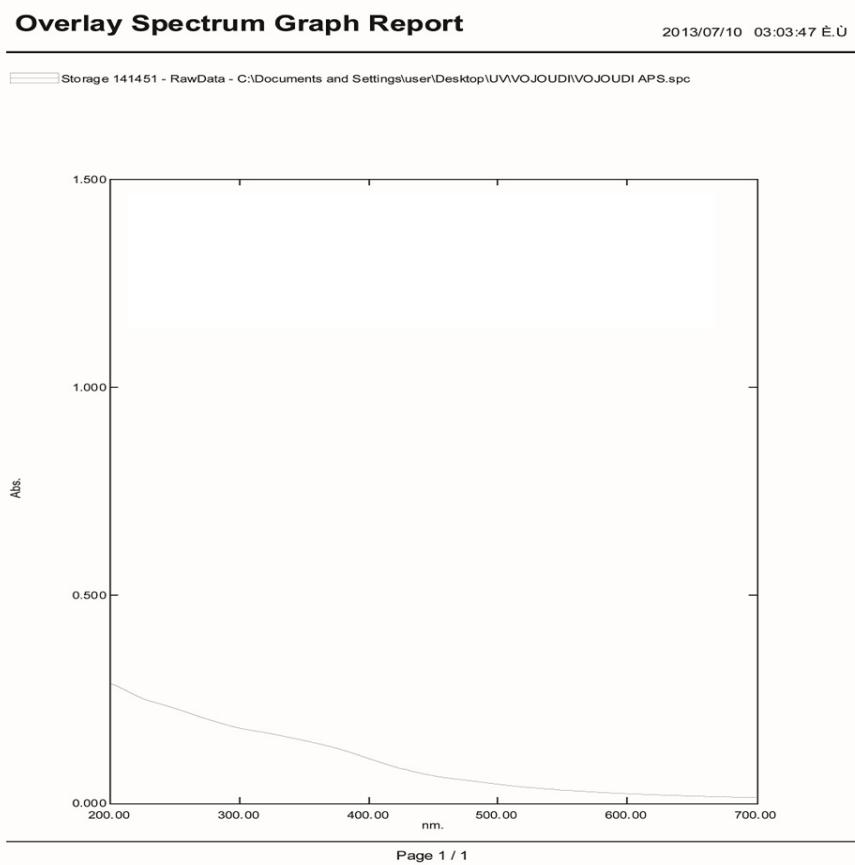


Figure S14. The Uv-vis spectra of the BISA- *APTSCMNP*s (Normal method)

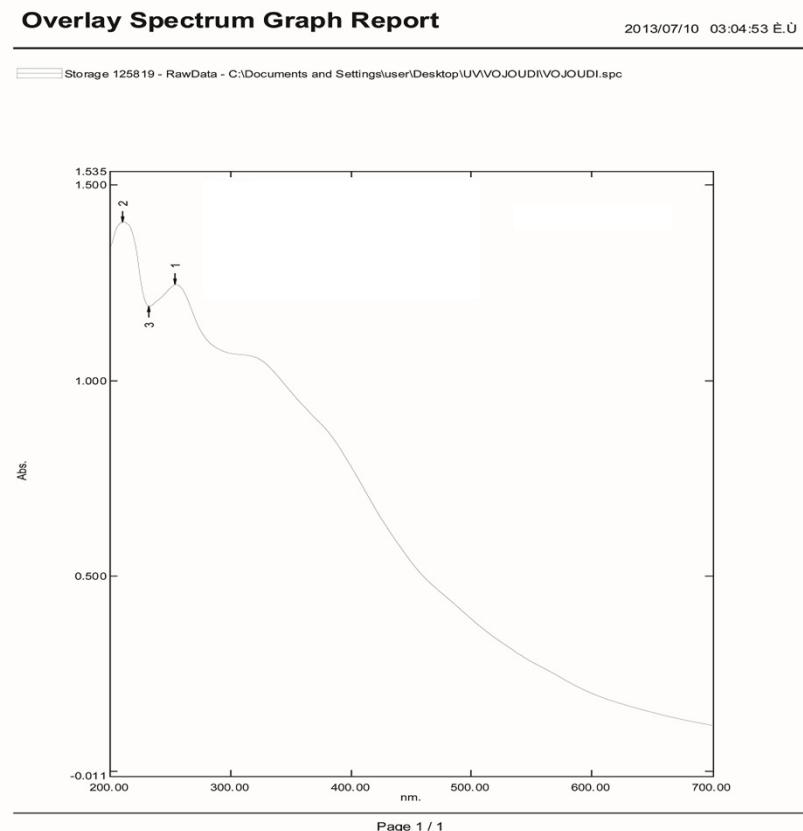


Figure S15. The Uv-vis spectra of the BISA- *APTSCMNPs* (Vice versa method)

