Supplementary data

Mo(VI) complex supported on Fe_3O_4 nanoparticles: Magnetically separable nanocatalysts for selective oxidation of sulfides to sulfoxides

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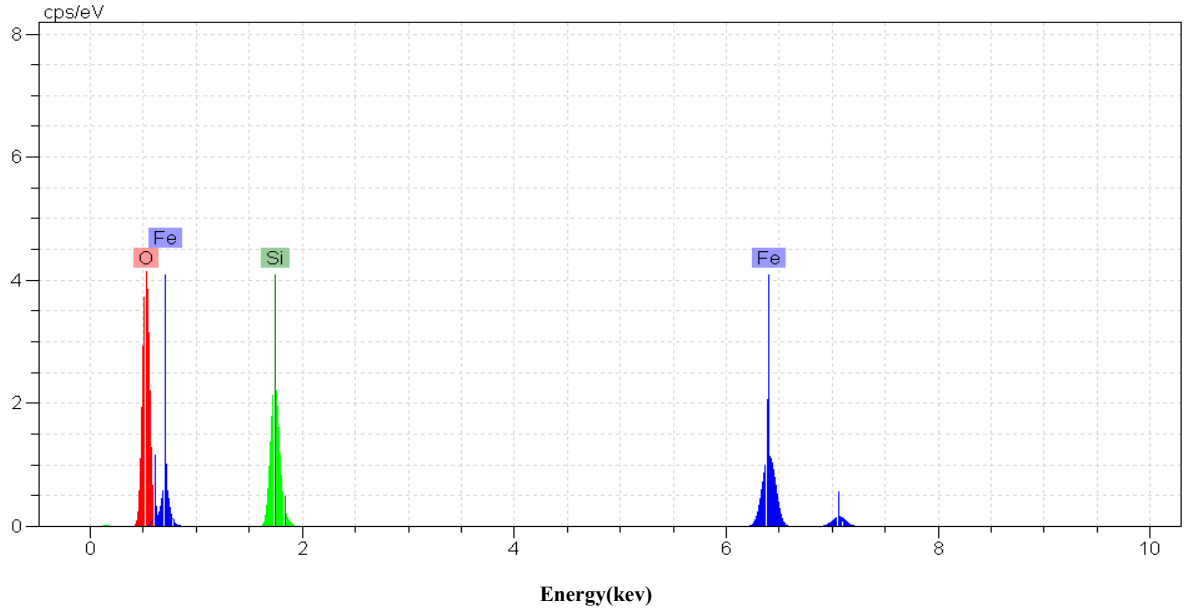

Fig. S1. Energy dispersive X-ray (EDX) analysis of the Fe_3O_4@SiO_2 (**2**) nanoparticles showed expected elements such as iron, oxygen and silicon.

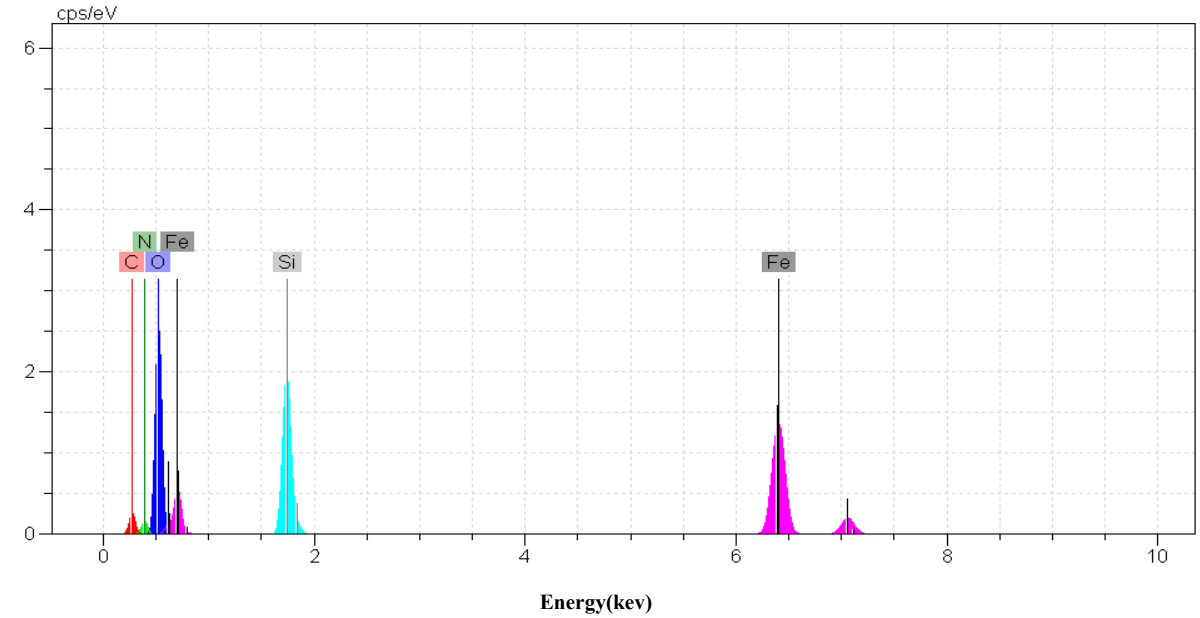

Fig. S2. Energy dispersive X-ray (EDX) analysis of the Fe_3O_4@SiO_2-NH_2 (**3**) nanoparticles showed expected elements such as iron, oxygen, silicon, carbon and nitrogen.

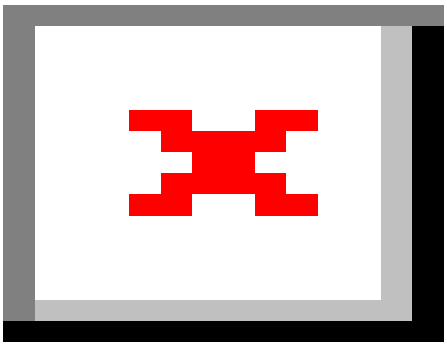

Fig. 10. The XPS spectrum of Fe_3O_4@SiO_2-SB-Mo nanoparticle.