

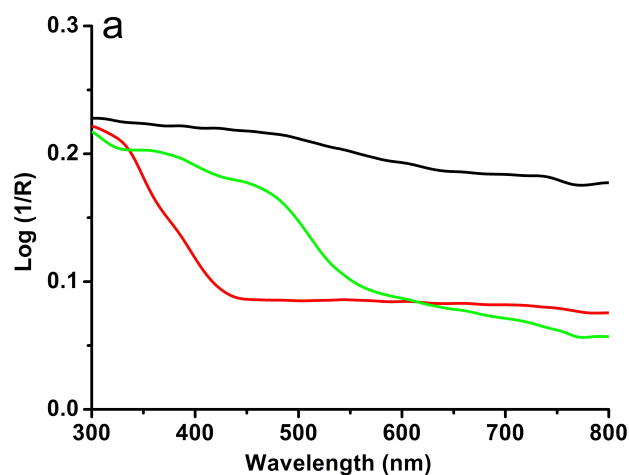
## Supporting Information

### Charge-transfer salts based on Lindqvist and Keggin polyoxoanion acceptors and ferrocenyl cationic donors

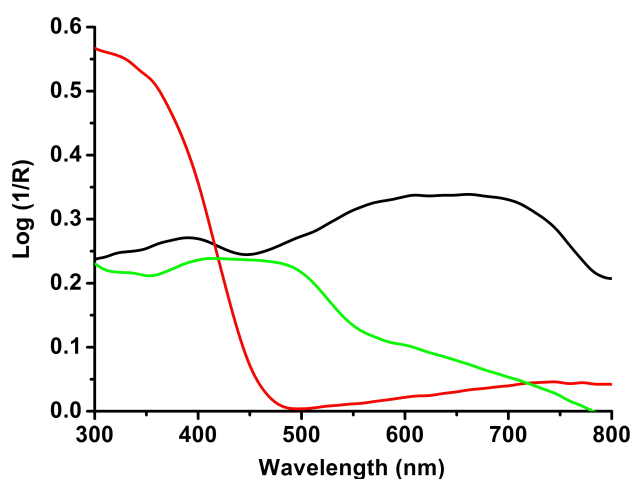
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The diffuse reflectance spectra for compounds **3**, **4** and corresponding starting materials were performed on Shimadzu UV-2550.

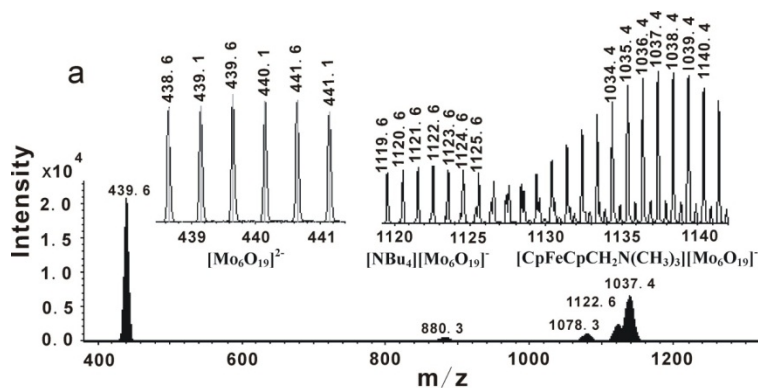


**Figure S1a.** Diffuse reflectance spectra of **3** (black line) dispersed in barium sulfate in comparison with the diffuse reflectance spectra of starting materials, [NBu<sub>4</sub>]<sub>2</sub>[W<sub>6</sub>O<sub>19</sub>] (red line) and CpFeCpCH<sub>2</sub>P(Ph)<sub>3</sub>I (green line), respectively.



**Figure S1b.** Diffuse reflectance spectra of **4** (black line) dispersed in barium sulfate in comparison with the diffuse reflectance spectra of starting materials,  $[\text{NBu}_4]_3[\text{PMo}_{12}\text{O}_{40}]$  (red line) and  $\text{CpFeCpCH}_2\text{N}(\text{CH}_3)_2\text{C}_2\text{H}_5\text{Br}$  (green line), respectively.

The negative ESI-MS spectra of 0.01 mM acetonitrile solution of **1-4** were performed on MicroTOF-Q II mass spectrometer.



**Figure S2a.** The negative ESI-MS spectra of 0.01 mM acetonitrile solution of **1**.

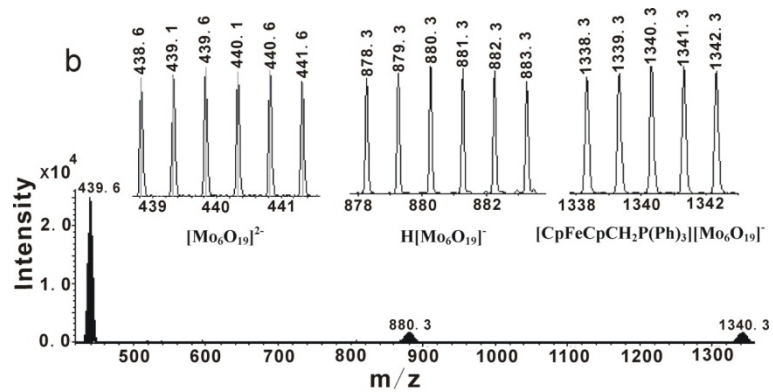


Figure S2b. The negative ESI-MS spectra of 0.01 mM acetonitrile solution of 2.

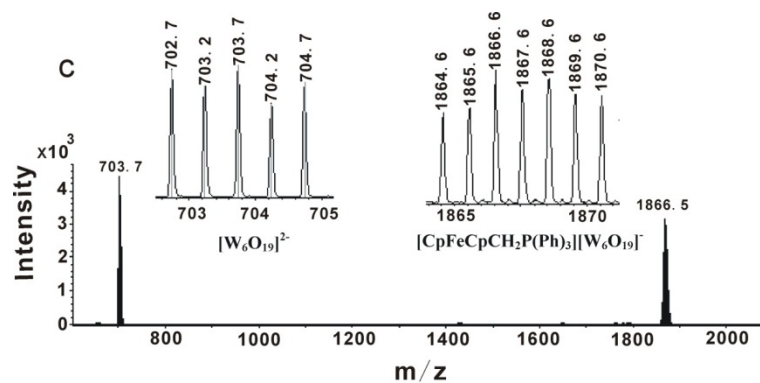


Figure S2c. The negative ESI-MS spectra of 0.01 mM acetonitrile solution of 3.

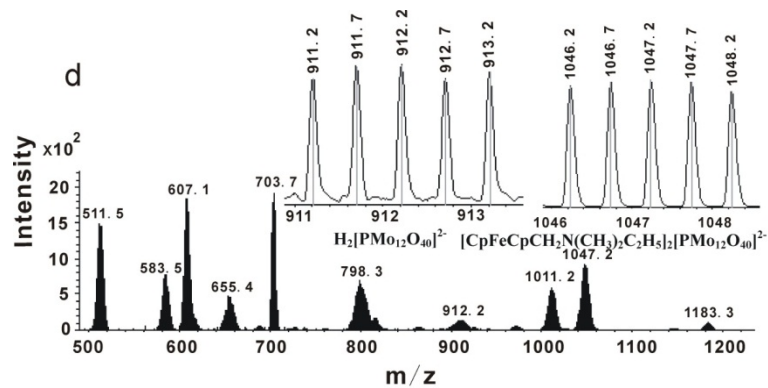


Figure S2d. The negative ESI-MS spectra of 0.01 mM acetonitrile solution of 4.