

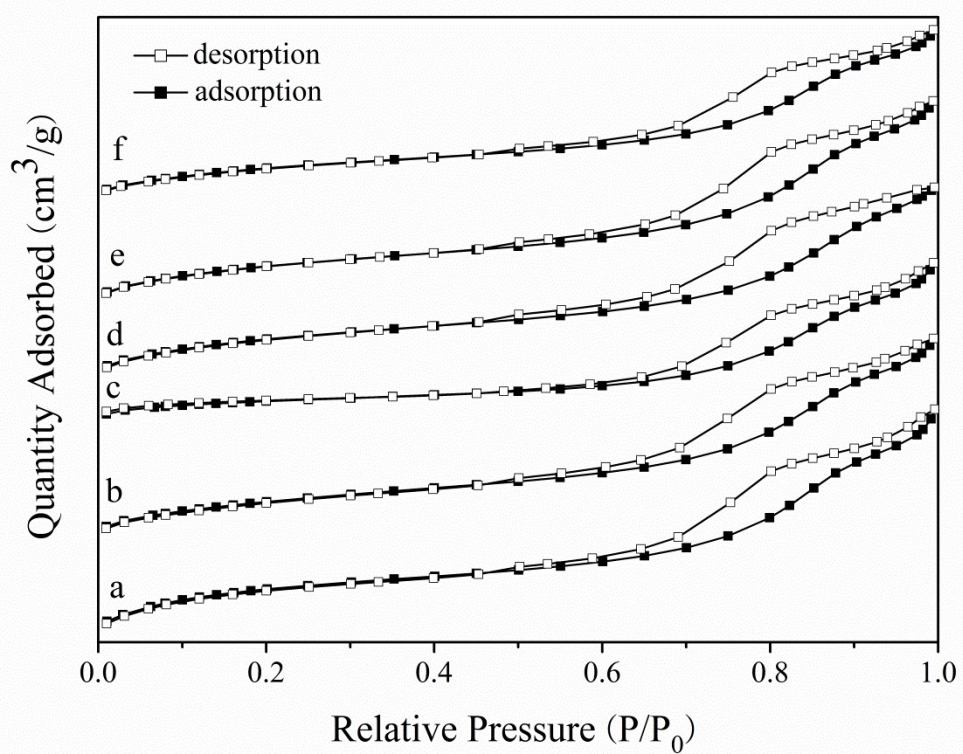


Fig. S2 Adsorption–desorption isotherms of the catalyst samples. (a) HZSM-5(38); (b) 4.6%Cu/HZSM-5(38) (Fresh); (c) 4.6%Cu/HZSM-5(38) (Used); (d) 4.6%Cu/HZSM-5(38) (Regenerated); (e) 2.3%Cu/HZSM-5(38); (f) 15.3%Cu/HZSM-5(38).