



Fig.S1 The fractionation efficiency obtained from the conventional heating hydrolysis of hemicellulose (a) different HCl concentrations (130 °C, 75 min); (b) different temperatures (0.75 wt% HCl, 75 min); (c) different times (0.75 wt% HCl, 130 °C). The left axis was the retention efficiency of cellulose and lignin, and the right axis was the hemicellulose removal efficiency.