

## **Supplementary materials for**

### **Ultrasonic–Thermal Regeneration of Spent Powdered Activated Carbon**

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**Supplementary materials include three supplementary figures.**

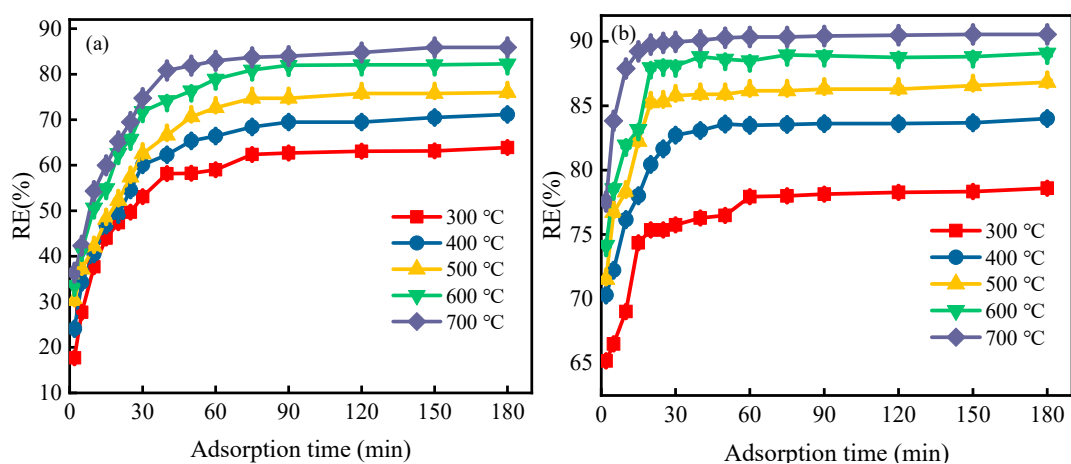
#### **Supplementary figures:**

##### **Figures captions:**

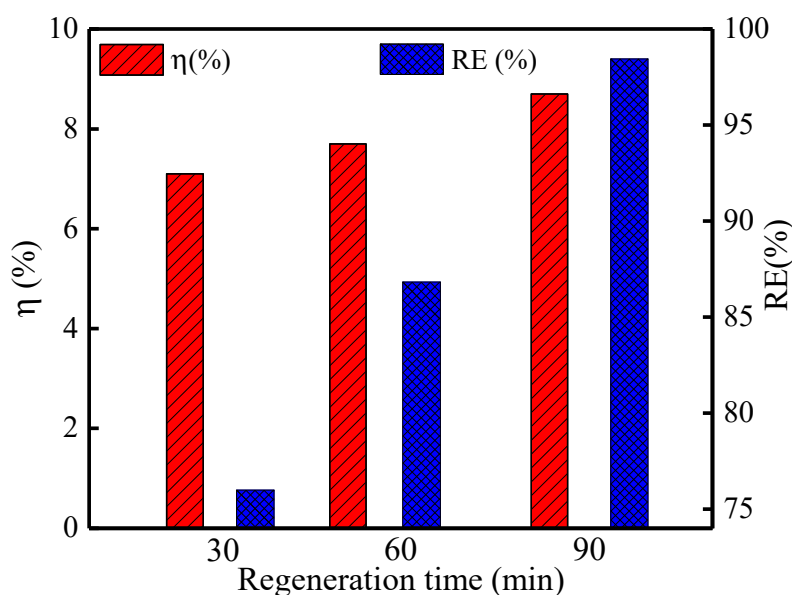
**Figure S1. Effect of regeneration temperature on regeneration rate of PAC (a) regeneration time 30min, (b) regeneration time 60min**

**Figure S2. Effects of regeneration time on PAC regeneration rate and mass loss rate**

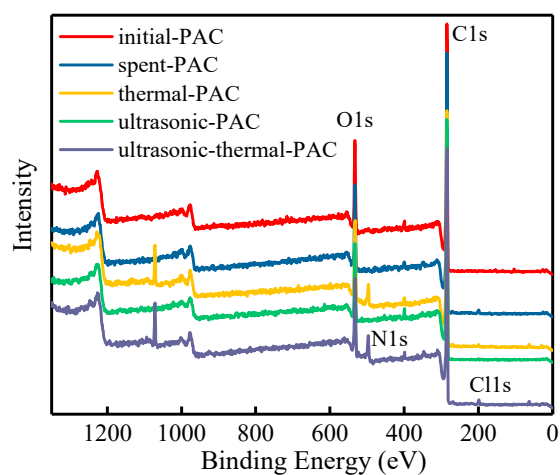
**Figure S3. The survey scan XPS spectrum of the PAC**



**Figure S1.** Effect of regeneration temperature on regeneration rate of PAC (a) regeneration time 30min, (b) regeneration time 60min



**Figure S2.** Effects of regeneration time on PAC regeneration rate and mass loss rate



**Figure S3.** The survey scan XPS spectrum of the PAC