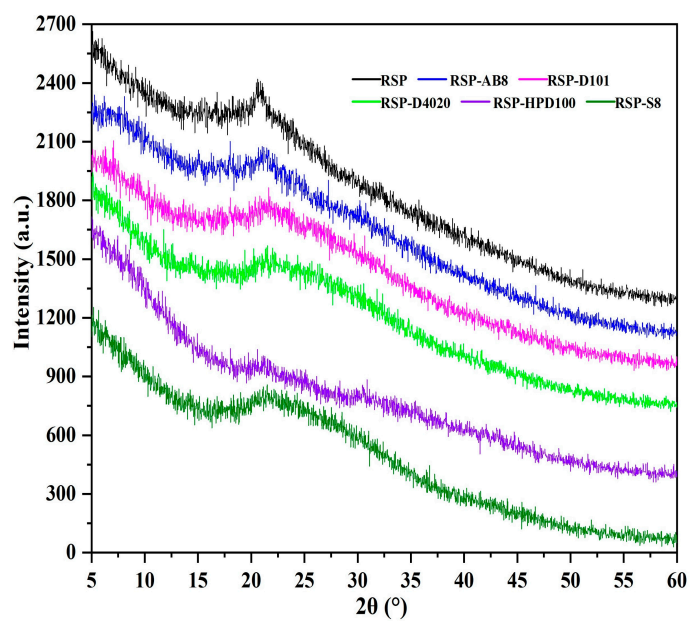


**Figure S1.** Ion chromatograms of monosaccharide standards and hydrolysates of RSP before and after decoloration with different macroporous resins.



**Figure S2.** The XRD spectra of RSP before and after decoloration with different macroporous resins.

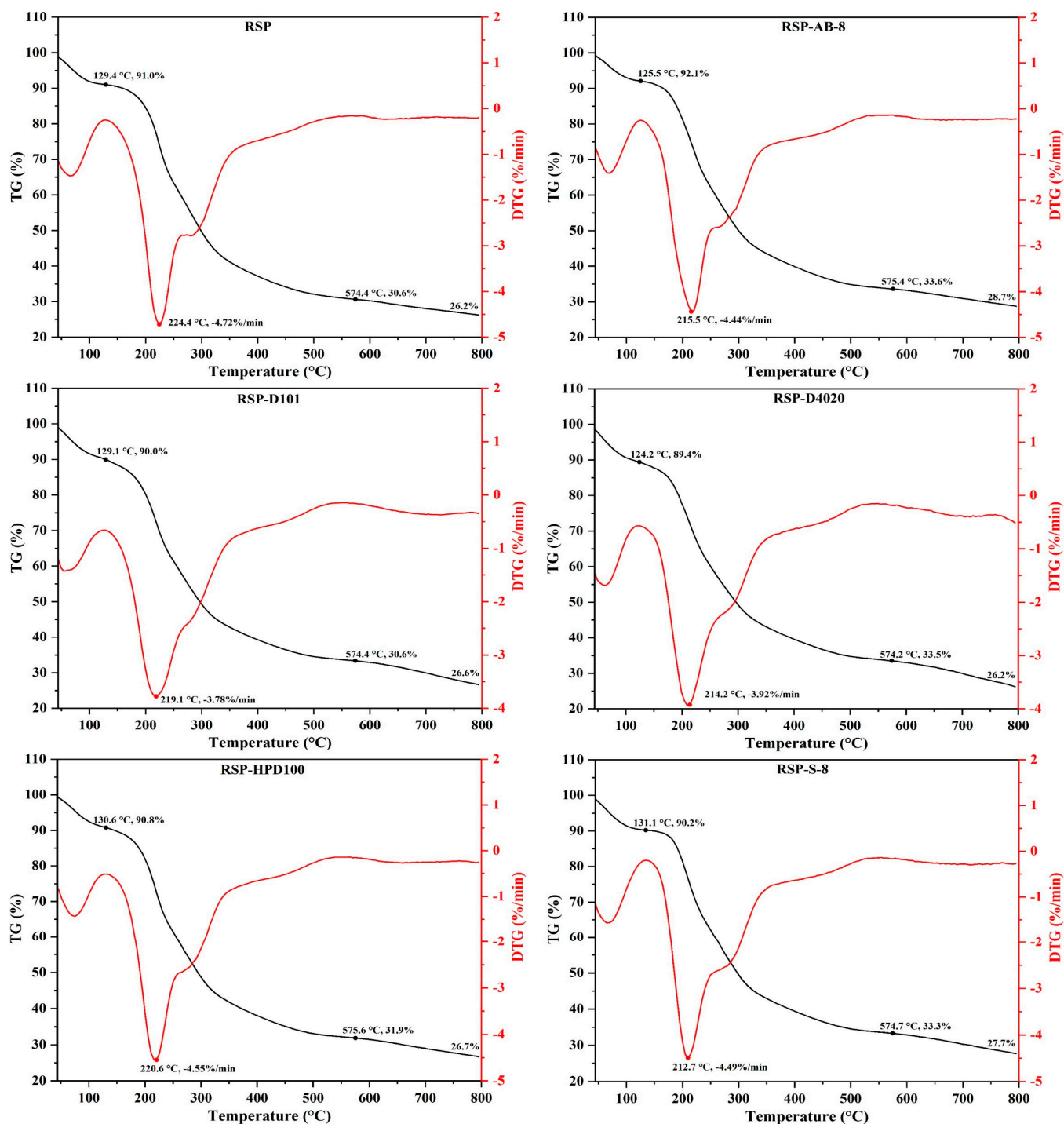
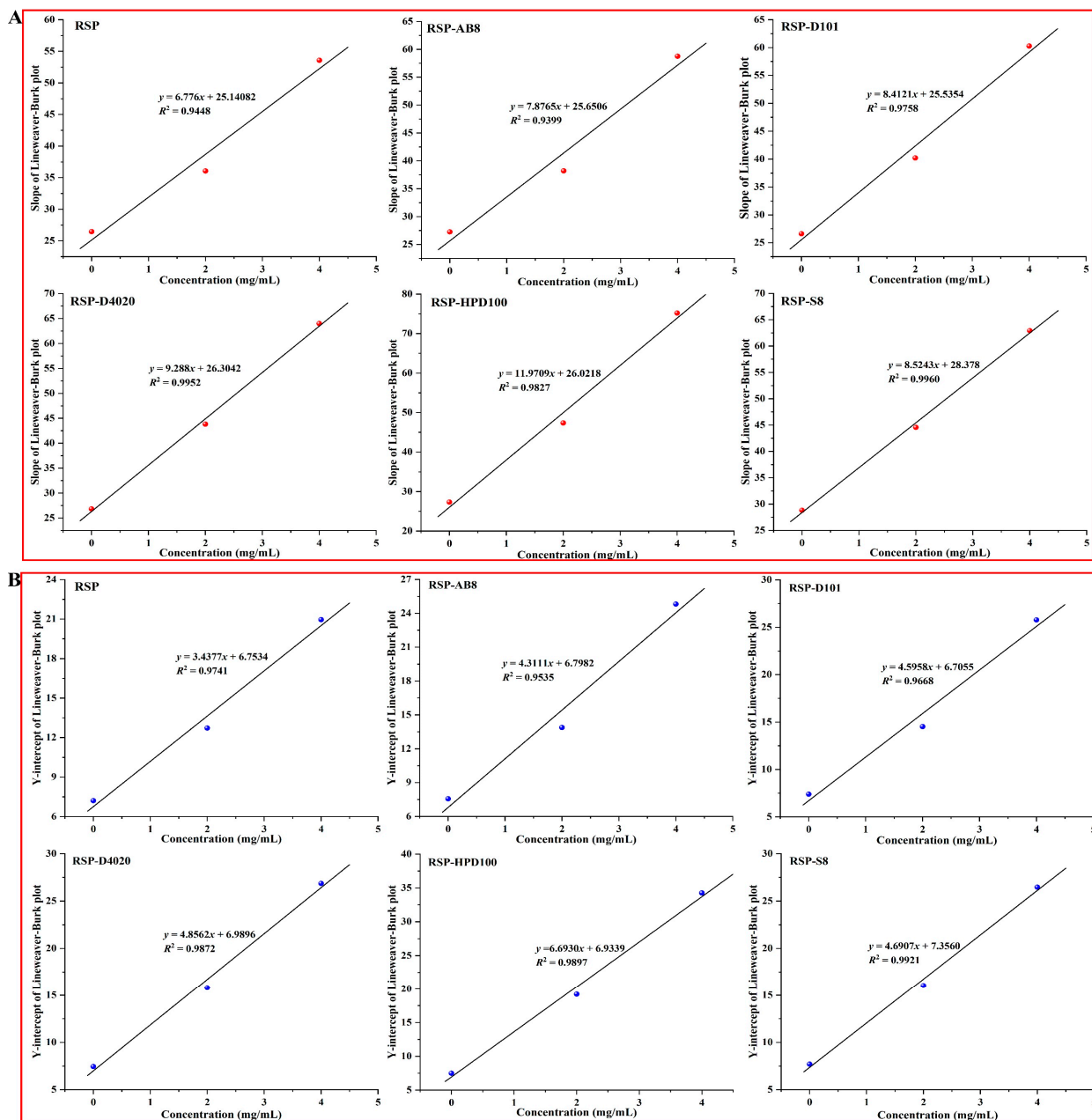


Figure S3. TG and DTG curves of RSP before and after decoloration with different macroporous resins.



**FigureS4.** The slope of Lineweaver-Burk plot versus concentration for RSPs (A); The Y-intercept of Lineweaver-Burk plot versus concentration for RSPs (B).