Thermal conversion of black liquor solids to monomeric aromatic hydrocarbons based on synergistic catalysis by Na compounds and HZSM-5

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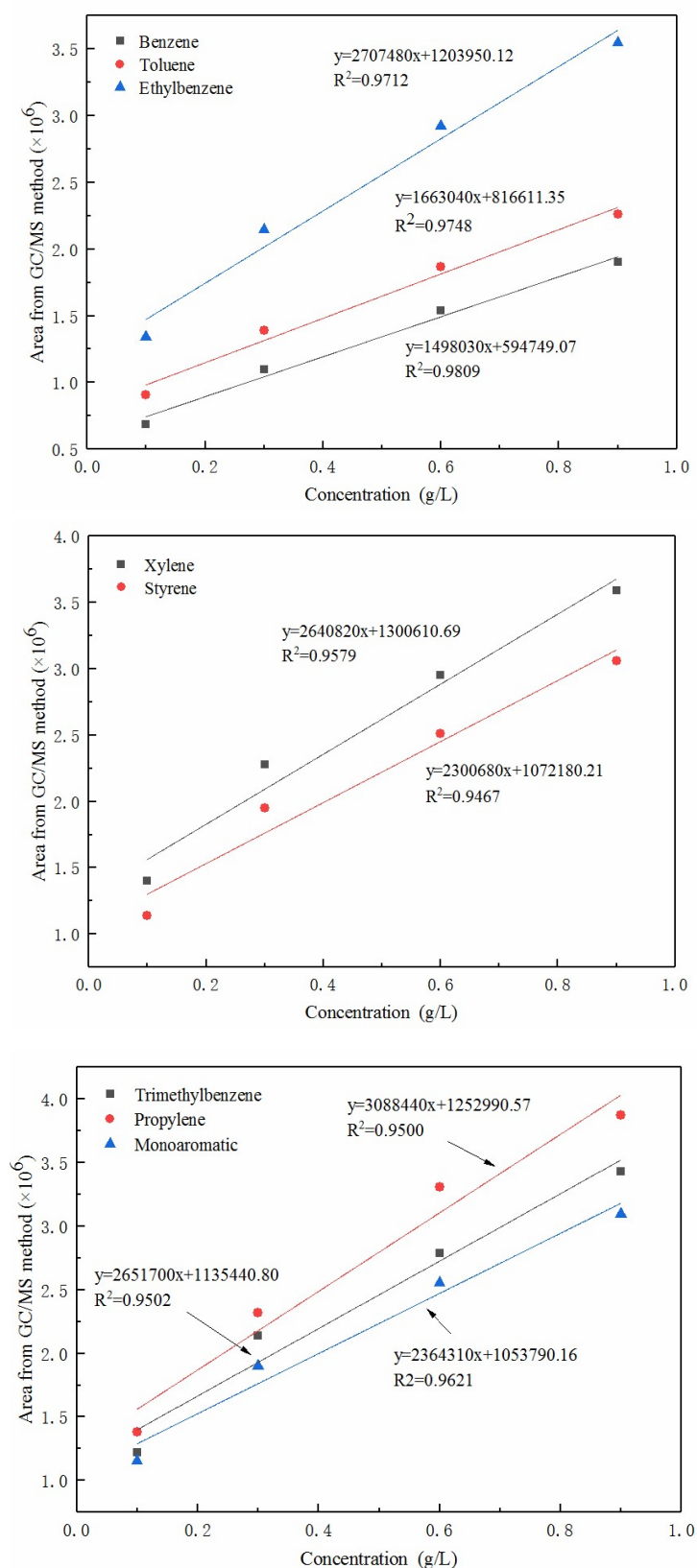*Address*: 579th Qianwangang Rd., Huangdao District, Qingdao 266590, China

Fig. S1. Functional relationship between GC/MS area and concentration for each

monomeric aromatic hydrocarbon

Table S1 The Fitting formulas of the calibration curves

	Fitting formula	Coefficients, R^2
benzene	y = 257076153.85 x + 1544585.50	0.999
toluene	y = 394153088.75 x + 4864455.81	0.998
ethylbenzene	y = 467232880.17 x + 7611739.64	0.988
xylene	y = 336429742.20 x + 11246115.68	0.994
styrene	y = 382675702.90 x + 7314938.69	0.998
phenylpropane	y = 374836302.88 x + 12197286.50	0.995
trimethylbenzene	y = 395909439.02 x + 9806035.53	0.997
naphthalene	y = 323870297.12 x + 7510248.55	0.997