

Supplemental Information

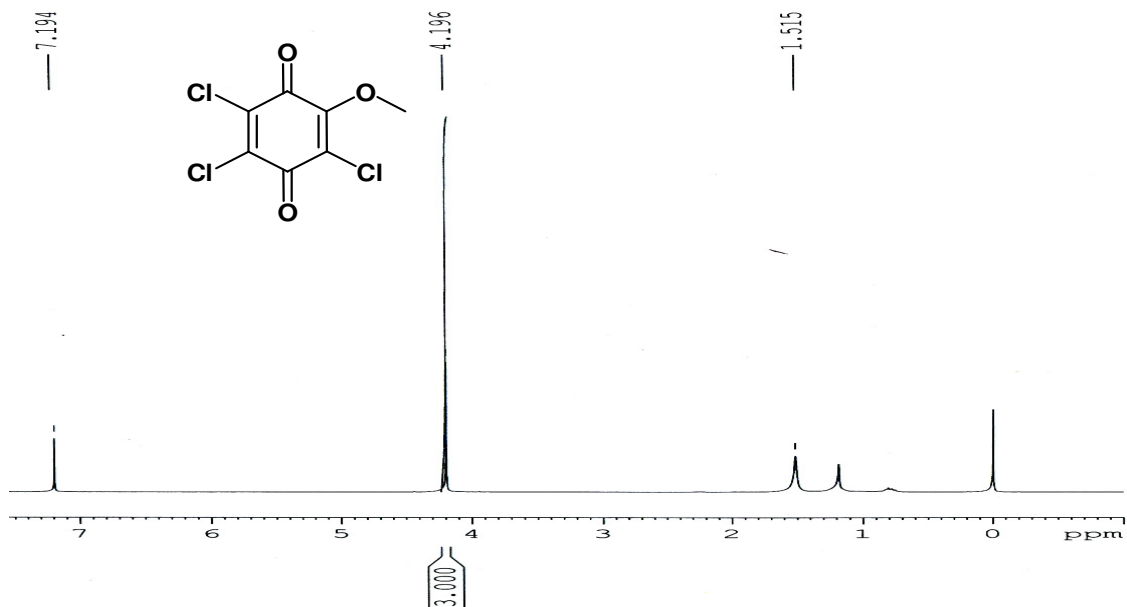


Fig. 1Sa. ^1H NMR Spectrum of MQ

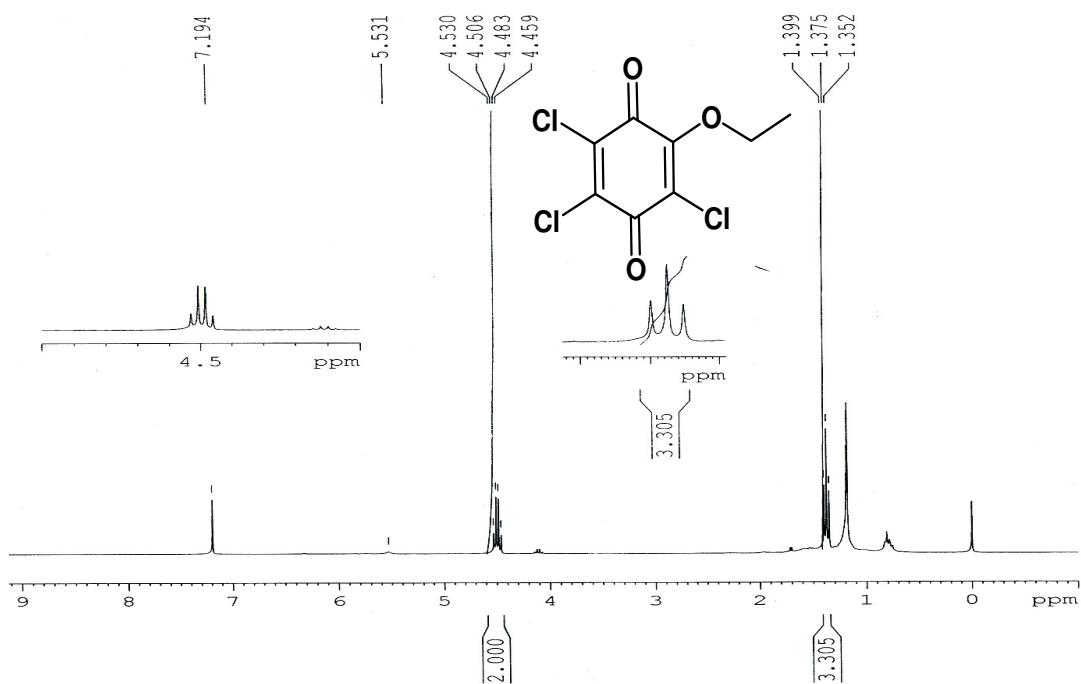


Fig. 1Sb. ^1H NMR Spectrum of EQ

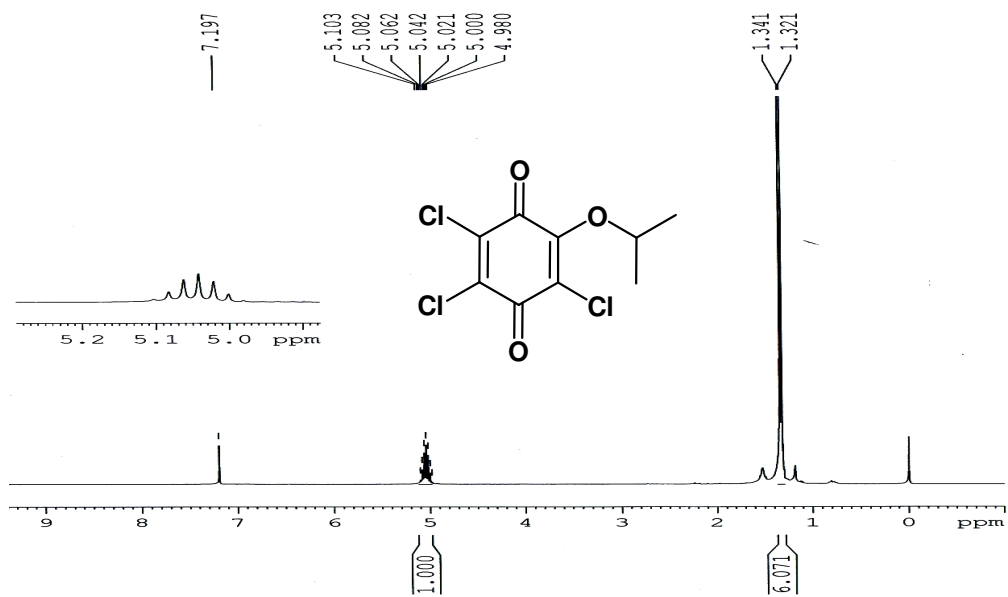


Fig. 1Sc. $^1\text{H NMR}$ Spectrum of IPQ

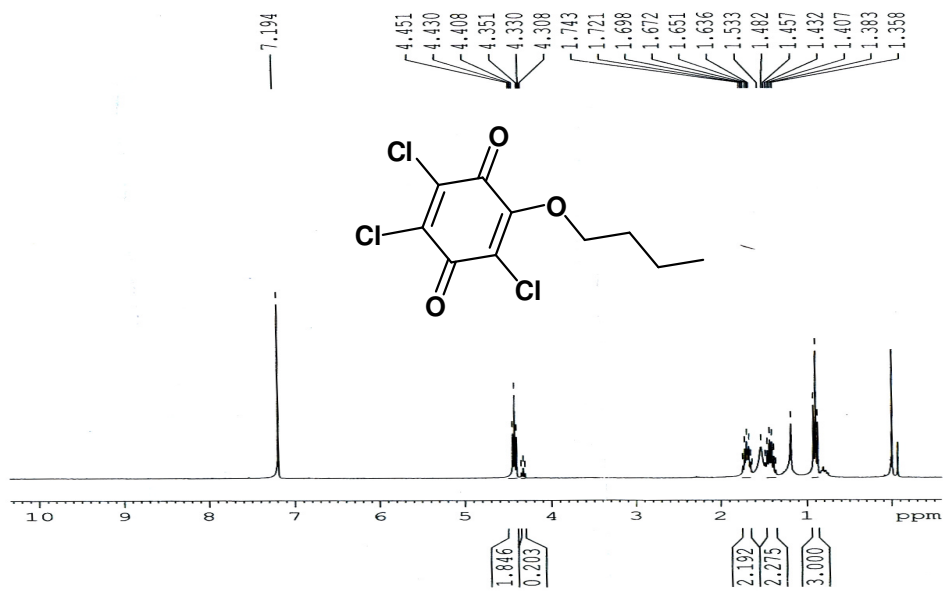


Fig. 1Sd. $^1\text{H NMR}$ Spectrum of BQ

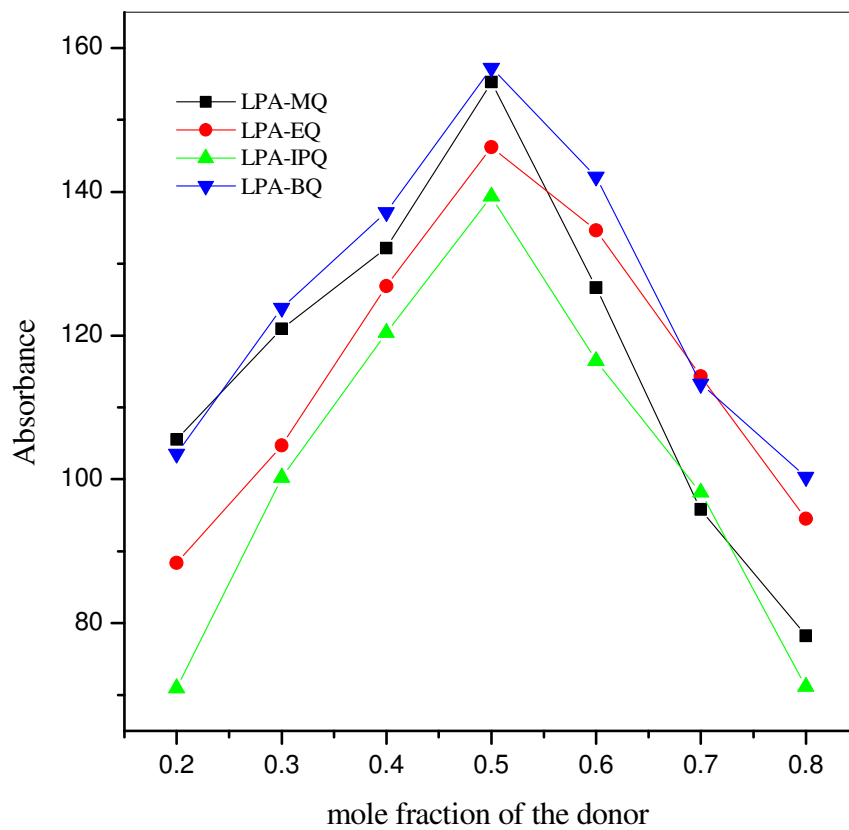


Fig. 2S. Jobs continuous variation plots for LPA-MQ, LPA-EQ, LPA-IPQ and LPA-BQ systems in water at 298 K

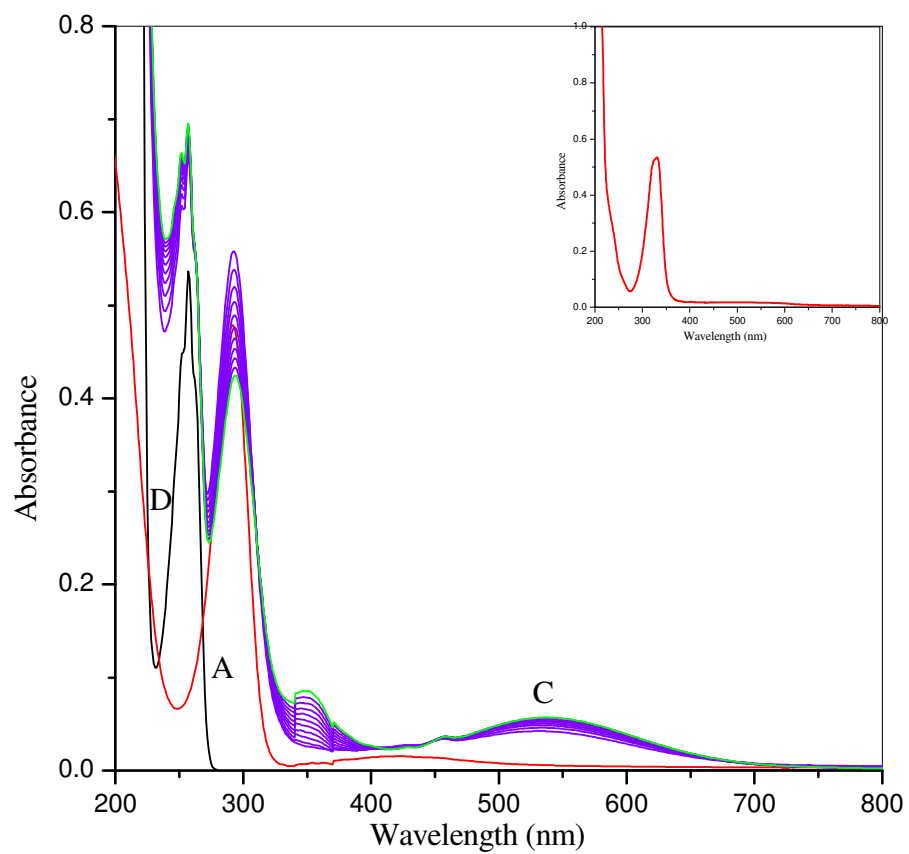


Fig. 3Sa. Electronic spectra of LPA with EQ in water at 298K
D: LPA; A: EQ; C: CT complex; Inset LPA-EQ complex peak

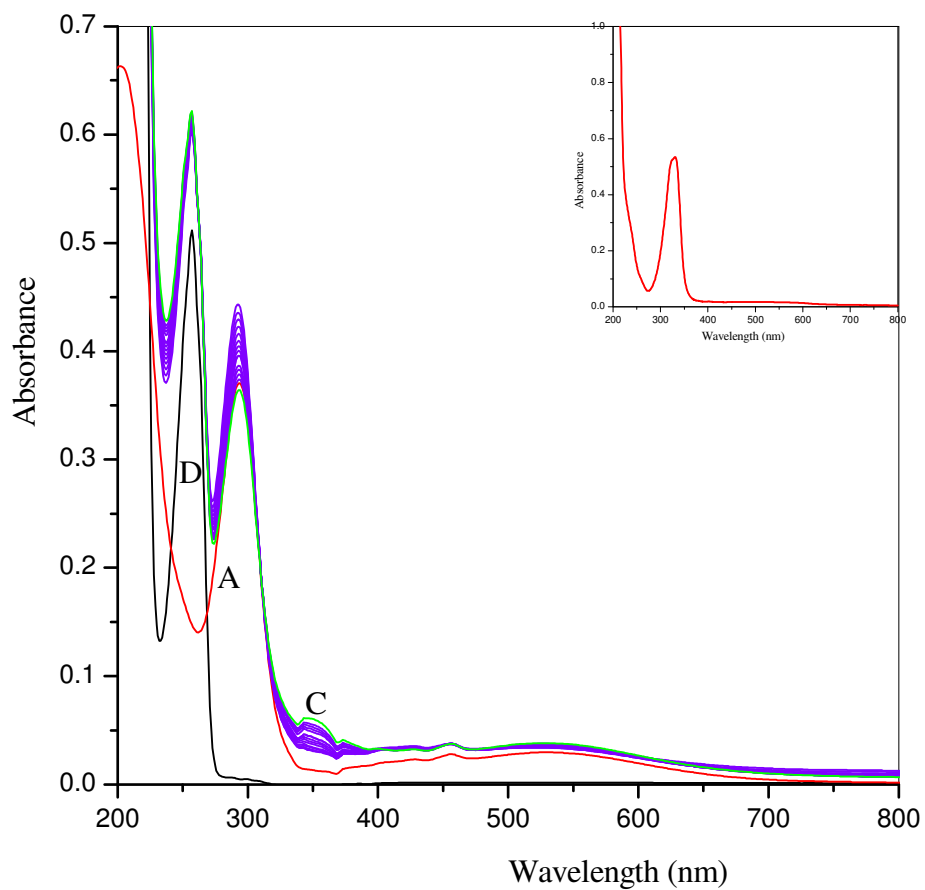


Fig. 3Sb. Electronic spectra of LPA with IPQ in water at 298 K
D: LPA; A: IPQ; C: CT complex; Inset LPA-IPQ complex peak

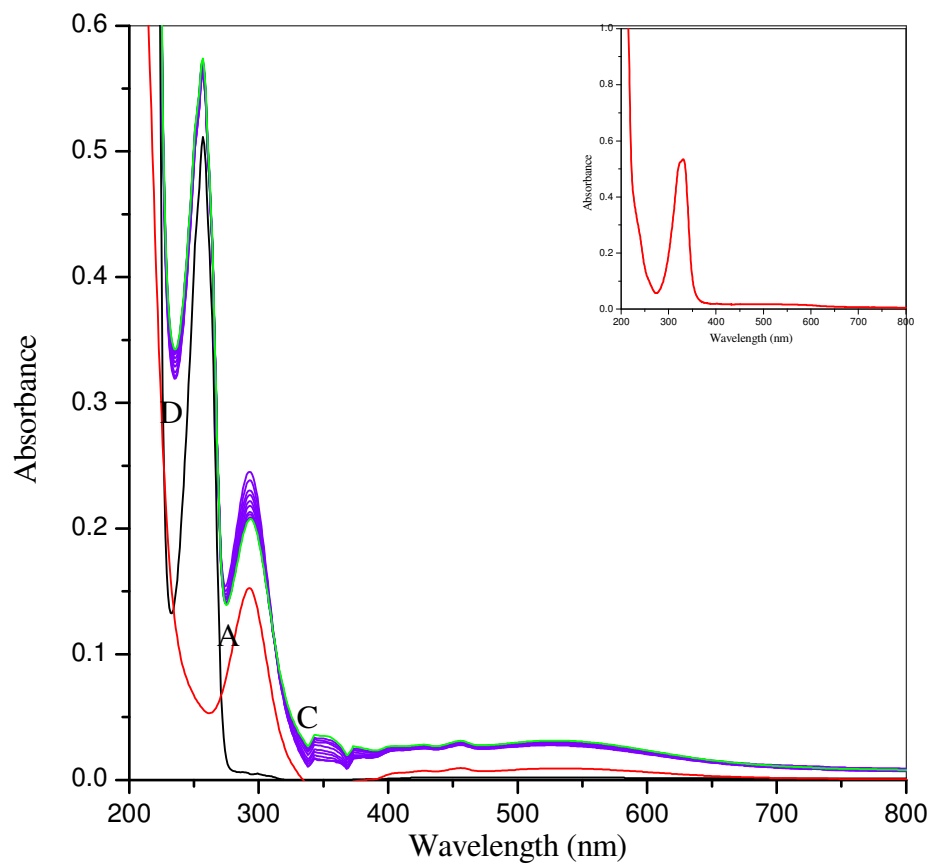


Fig. 3Sc. Electronic spectra of LPA with BQ in water at 298 K
D: LPA; A: BQ; C: CT complex; Inset: LPA-BQ complex peak

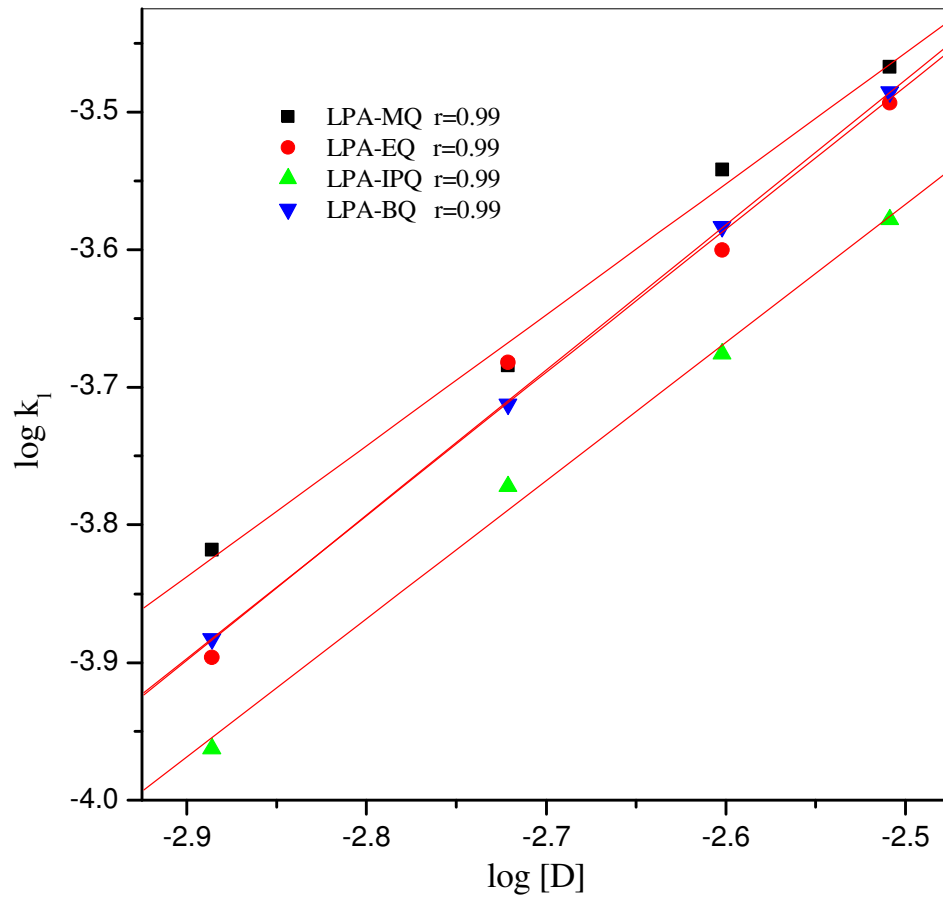


Fig. 4S. Plots of $\log k_1$ versus $\log [D]$

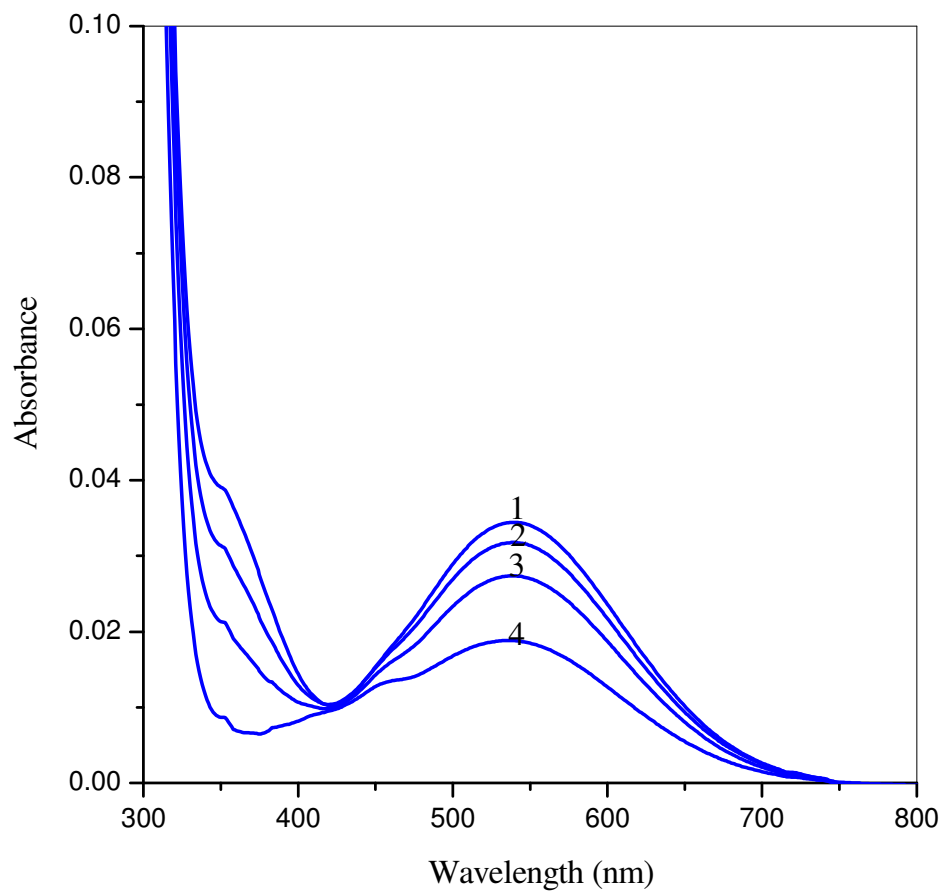


Fig. 5S. Concentration variation spectra for the LPA-MQ system in water at 298 K [A] = 3.125×10^{-5} M; [D]: 1) 3.125, 2) 2.500, 3) 1.875, 4) 1.250×10^{-3} M.

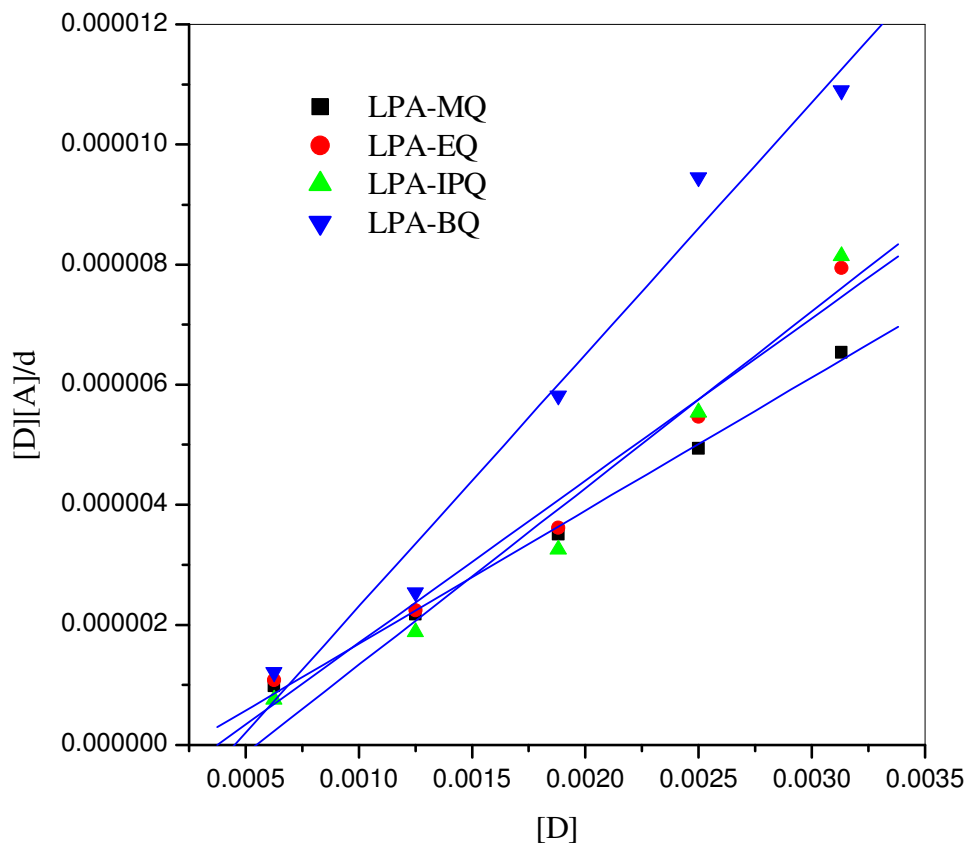


Fig. 6S. Scott linear plots for LPA-MQ,EQ,IPQ and BQ systems in ethanol at 298 K.