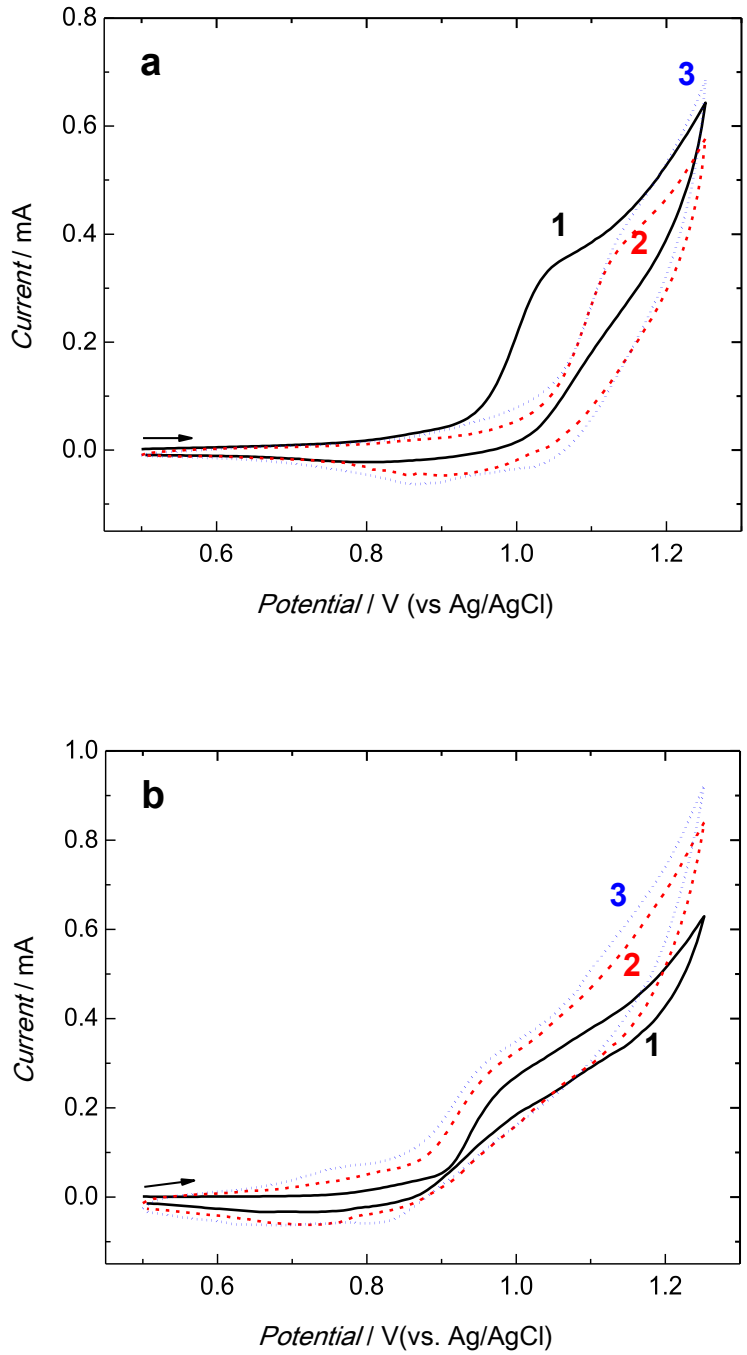

Fig. 1The potentiodynamic curves recorded at the (a) Au- and (b) ITO-coated glass slides for the 0.3 mM TNP, 0.3 mM NH2-S4, 0.6 mM CLM, and 0.1 M (TBA)ClO_4 solution of the acetonitrile-to-toluene volume ratio of 95:5, during 3 potential cycles. The potential scan rate was 20 mV/s.

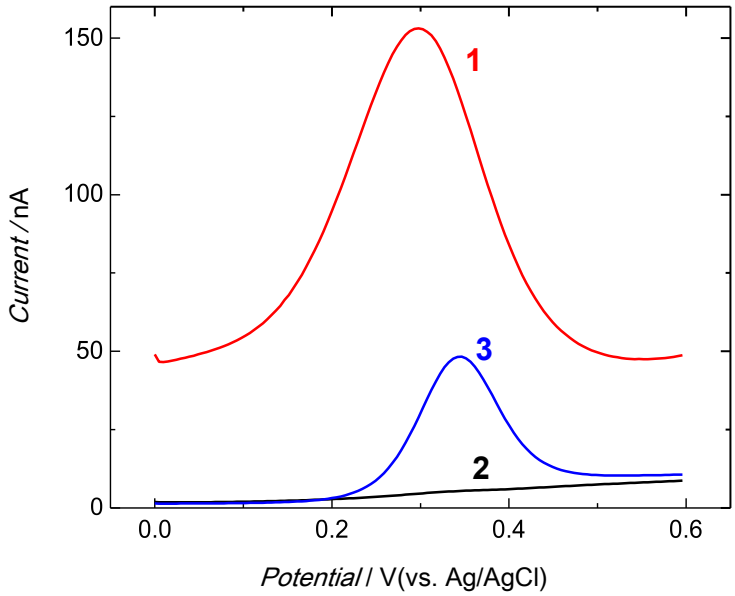

Fig. 2 Differential pulse voltammograms for 1 mM ferrocene in the 0.1 M (TBA)ClO_4 solution of acetonitrile, recorded at the MIP-TNP film coated 1-mm diameter Pt disk electrode (*1*) before and (*2*) after TNP extraction, and then (*3*) after soaking in 1 mL of 50 nM TNP in acetonitrile for 20 min under magnetic stirring conditions. The film was prepared by potentiodynamic electropolymerization in the course of three potential cycles in the range of 0.50 to 1.25 V vs. Ag/AgCl at the scan rate of 50 mV/s.

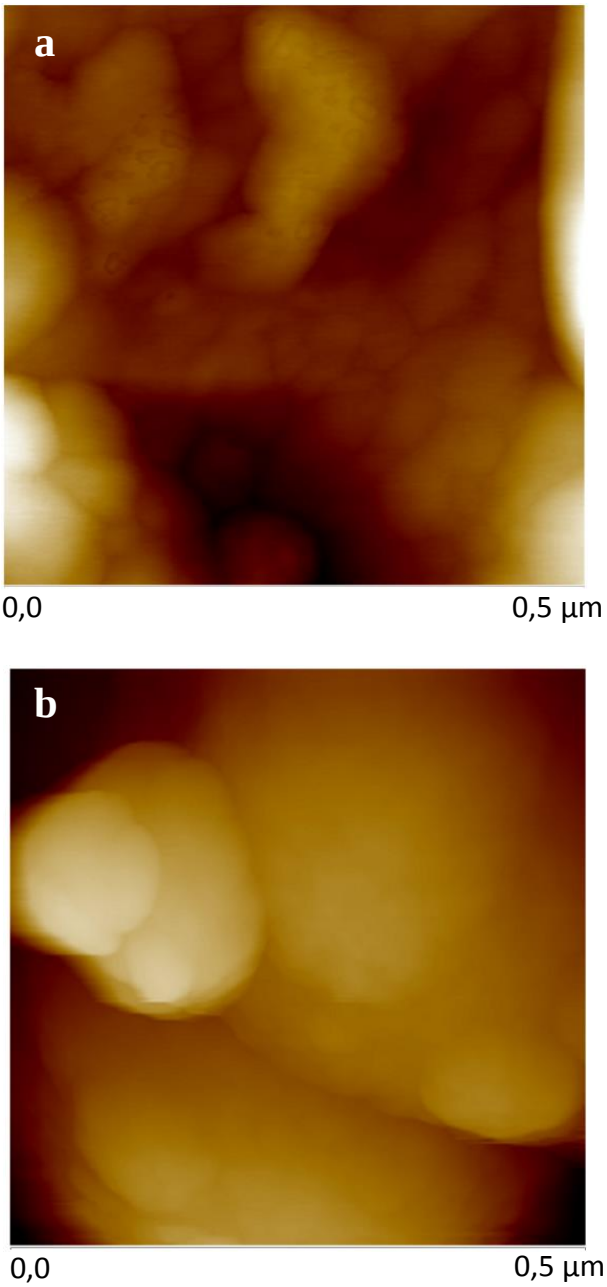

Fig. 3 The atomic force microscopy (AFM) image of the MIP-TNP film deposited on the (a) Au and (b) ITO-coated glass slide of the (0.5 × 0.5) μm^2 surface area

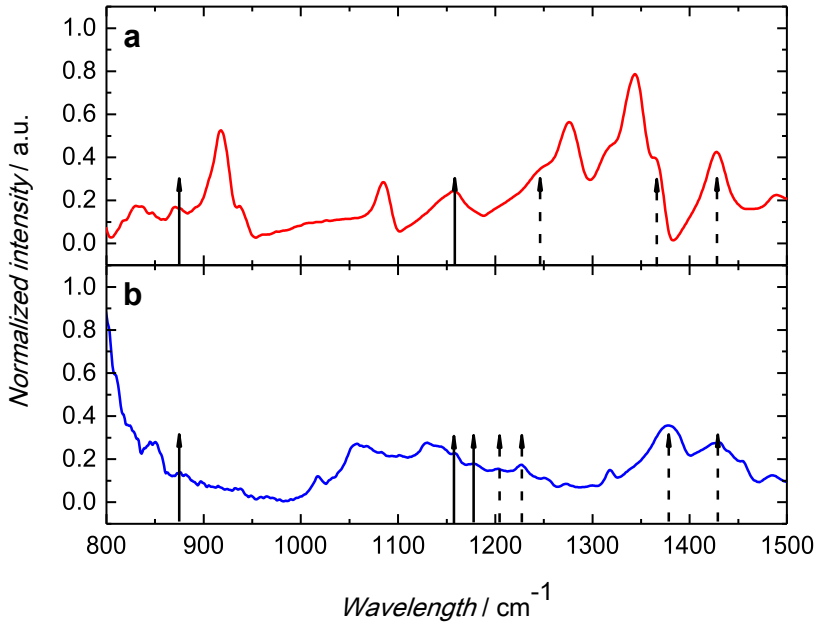

Fig. 4 The PM-IRRAS spectra for the Au-film coated glass slides coated with (a) the TNP drop-cast film and (b) the TNP-templated MIP-TNP films deposited by potentiodynamic electropolymerization; conditions of this electropolymerization are described in caption to Fig. S1a. Assignment of *ab-initio* calculated normal modes is represented by arrows, i.e., solid –NC stretching and dash NO– stretching.

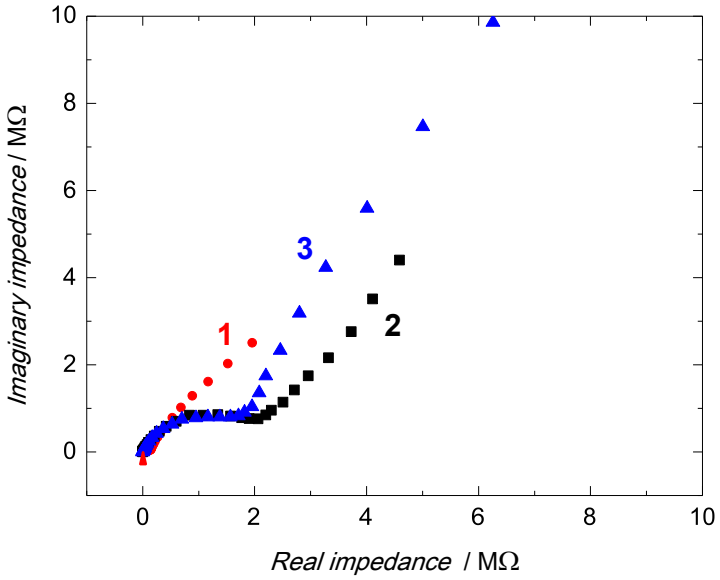

Fig. 5 The EIS spectra for 1 mM ferrocene in the 0.1 M (TBA)ClO_4 solution of acetonitrile, recorded at the MIP-TNP film coated 1-mm diameter Pt disk electrode (*1*) before and (*2*) after TNP extraction, and then (*3*) after soaking in a 1 mL sample of 50 nM TNP in acetonitrile for 20 min under magnetic stirring conditions. The film was prepared by potentiodynamic electropolymerization in the course of three potential cycles in the range of 0.50 to 1.25 V vs. Ag/AgCl at the scan rate of 50 mV/s.

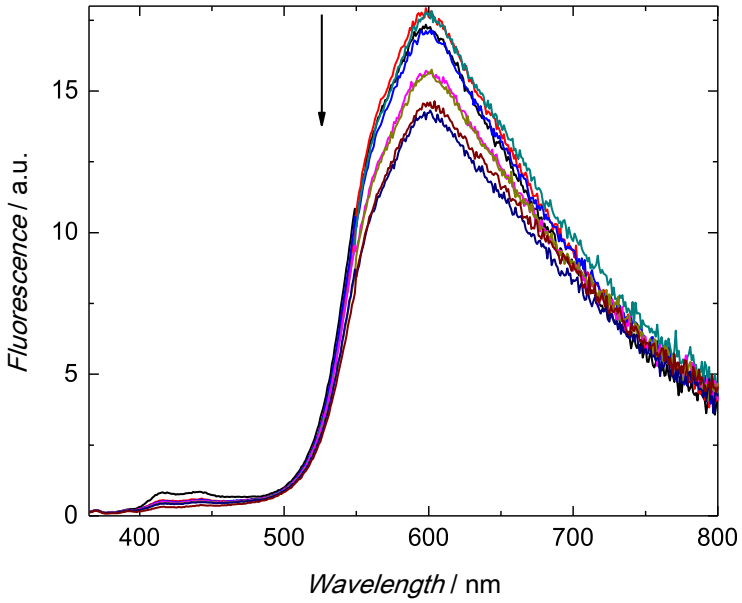

Fig. 6 The emission spectra for excitation at 350 nm for the MIP-TNP film, deposited on the Au-coated glass slide by potentiodynamic electropolymerization, consecutively wetted with single drops of TNP of concentrations of 2.5 to 50.6 ng/mL in acetonitrile.

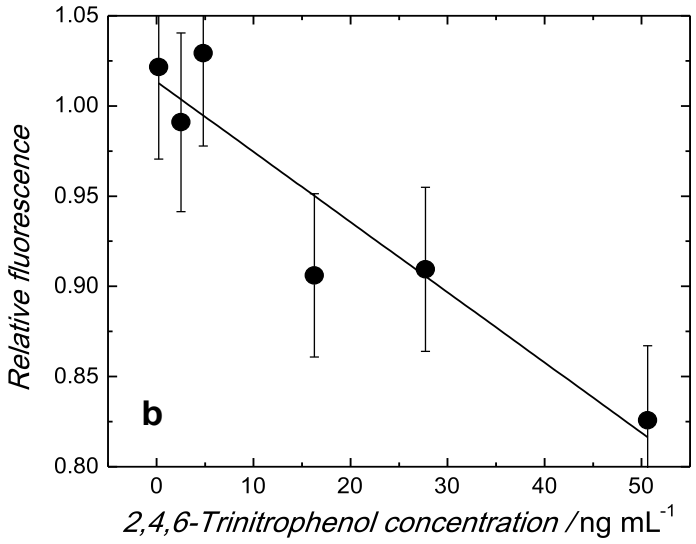

Fig. 7 The calibration plot for the MIP-TNP film, deposited on the Au-coated glass slide by potentiodynamic electropolymerization, consecutively wetted with single drops of TNP of concentrations of 2.5 to 50.6 ng/mL in acetonitrile.

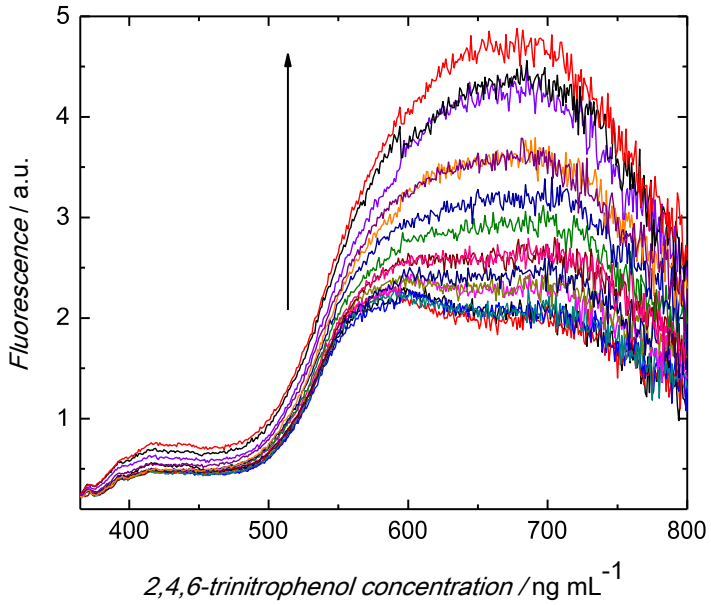

Fig. 8 The steady-state fluorescence spectra of the TNP-extracted MIP-TNP film, deposited onto the ITO-coated glass slide, for different TNP titrant concentrations; excitation at 350 nm. The TNP concentration was increased stepwise in the range of 0.46 to 22.45 mM, as indicated with the arrow.

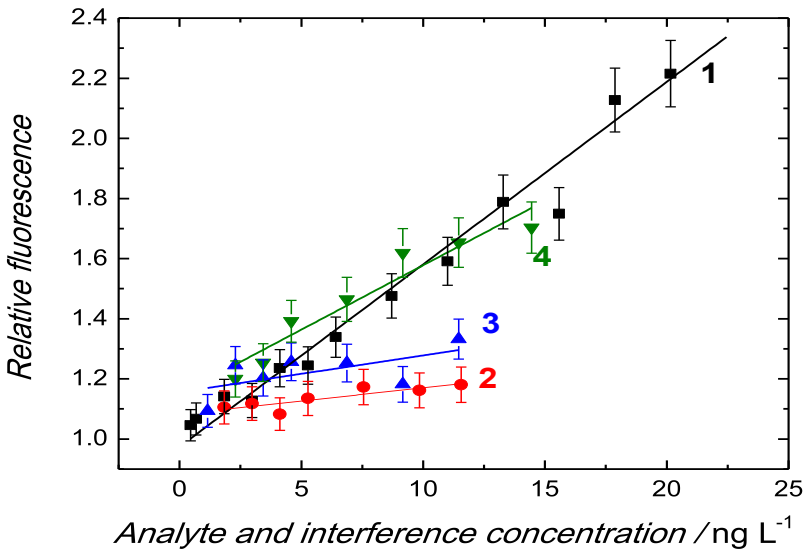

Fig. 9 The calibration plots of relative fluorescence for solutions of different concentrations of (*1*) TNP, (*3*) TNT, and (*4*) DNT measured under the drop-wetting conditions, and (*2*) TNP for the NIP film used as a control.