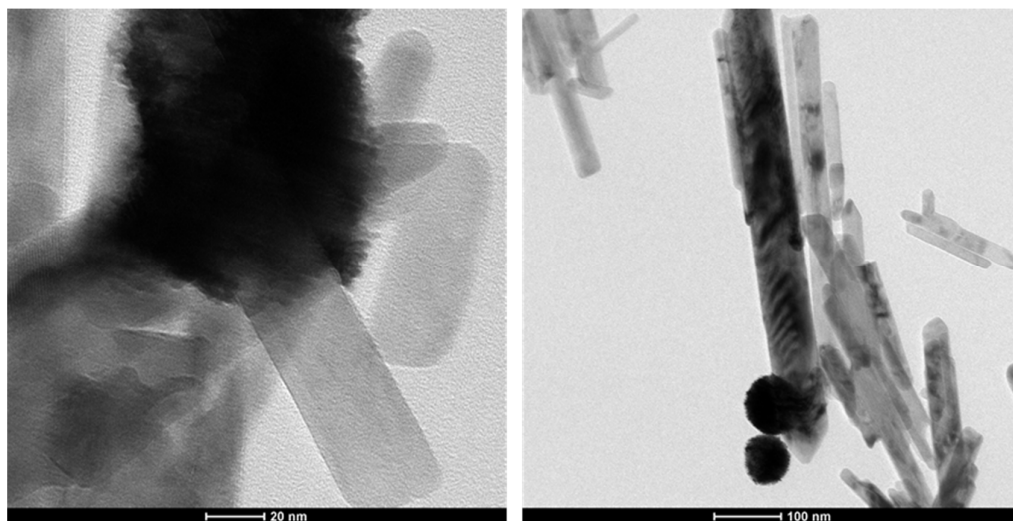


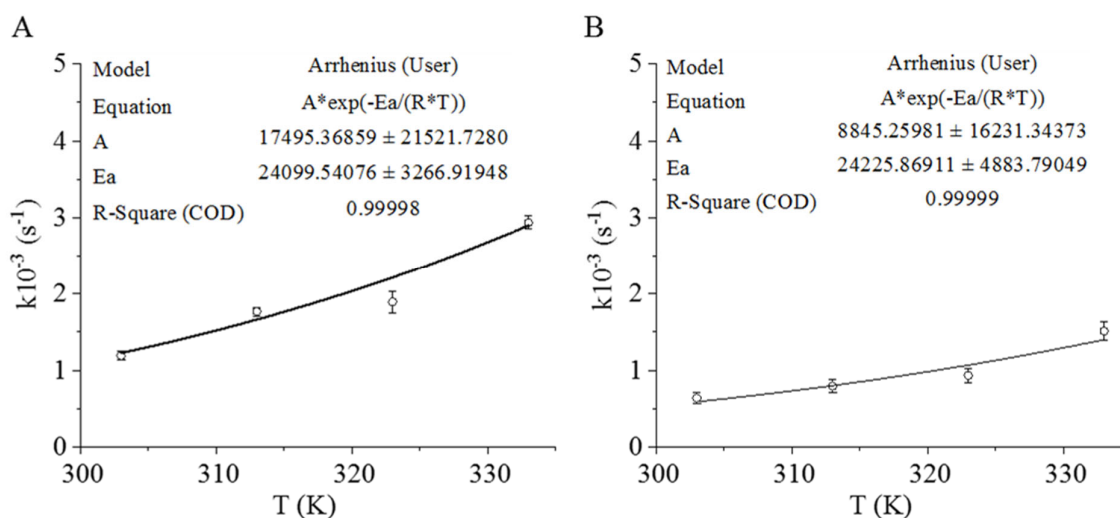
SUPPLEMENTARY INFORMATION

Precious Metals Decorated Chromium(IV) oxide Nanowires as Efficient Catalysts for 2,4-toluenediamine Synthesis

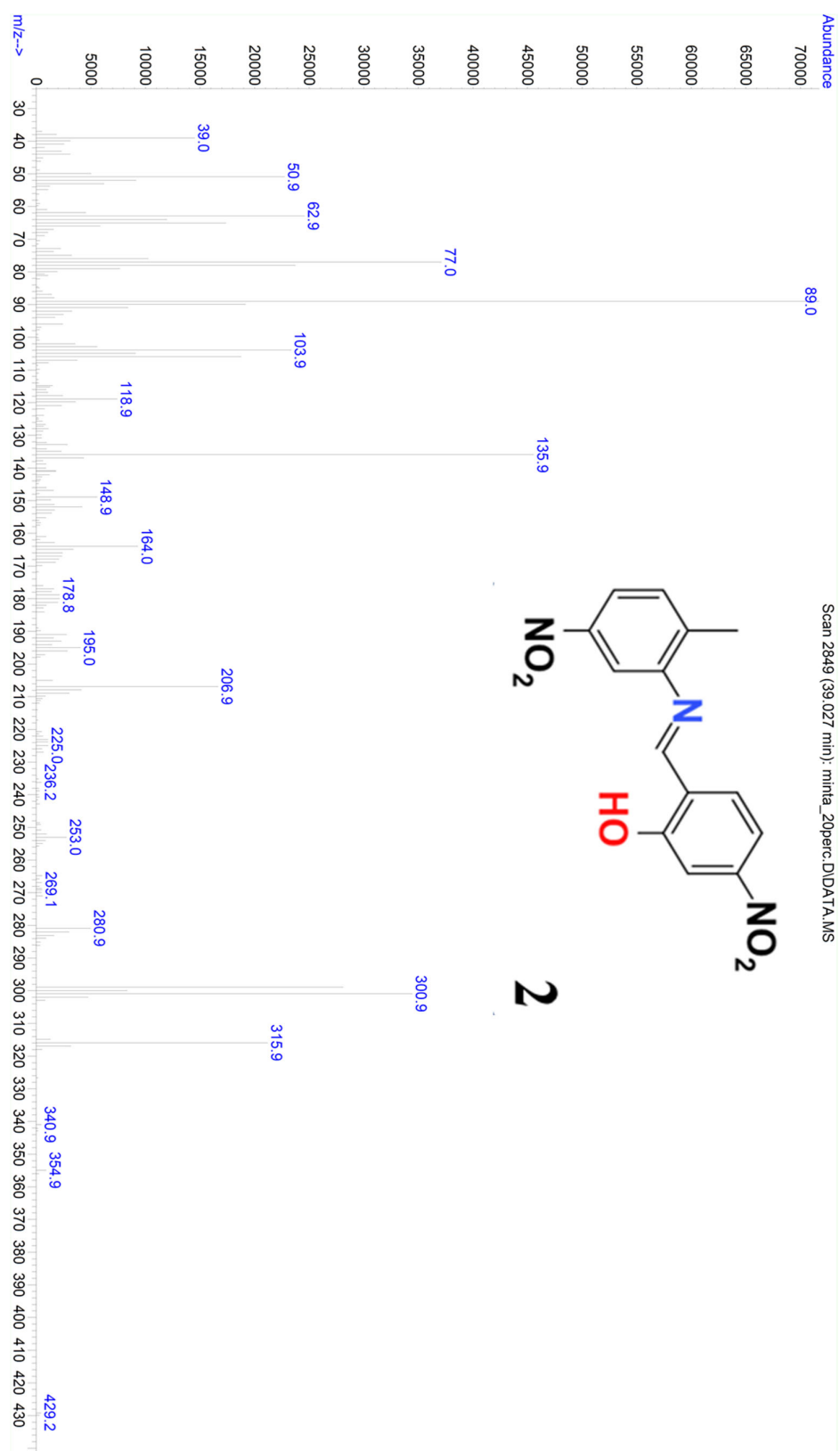
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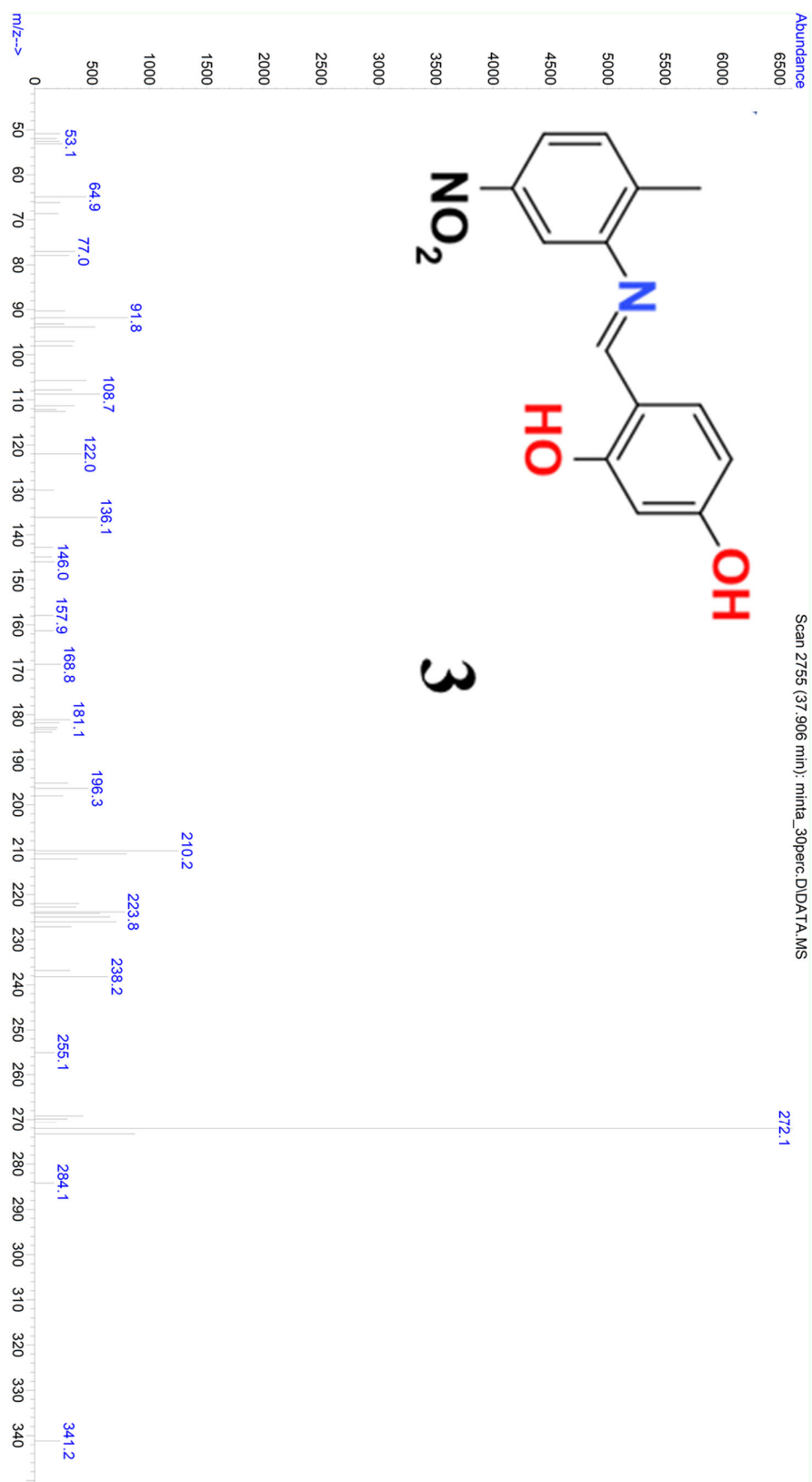
FigS1: TEM pictures of the aggregated platinum nanoparticles on the surface of the CrO_2 nanowires.



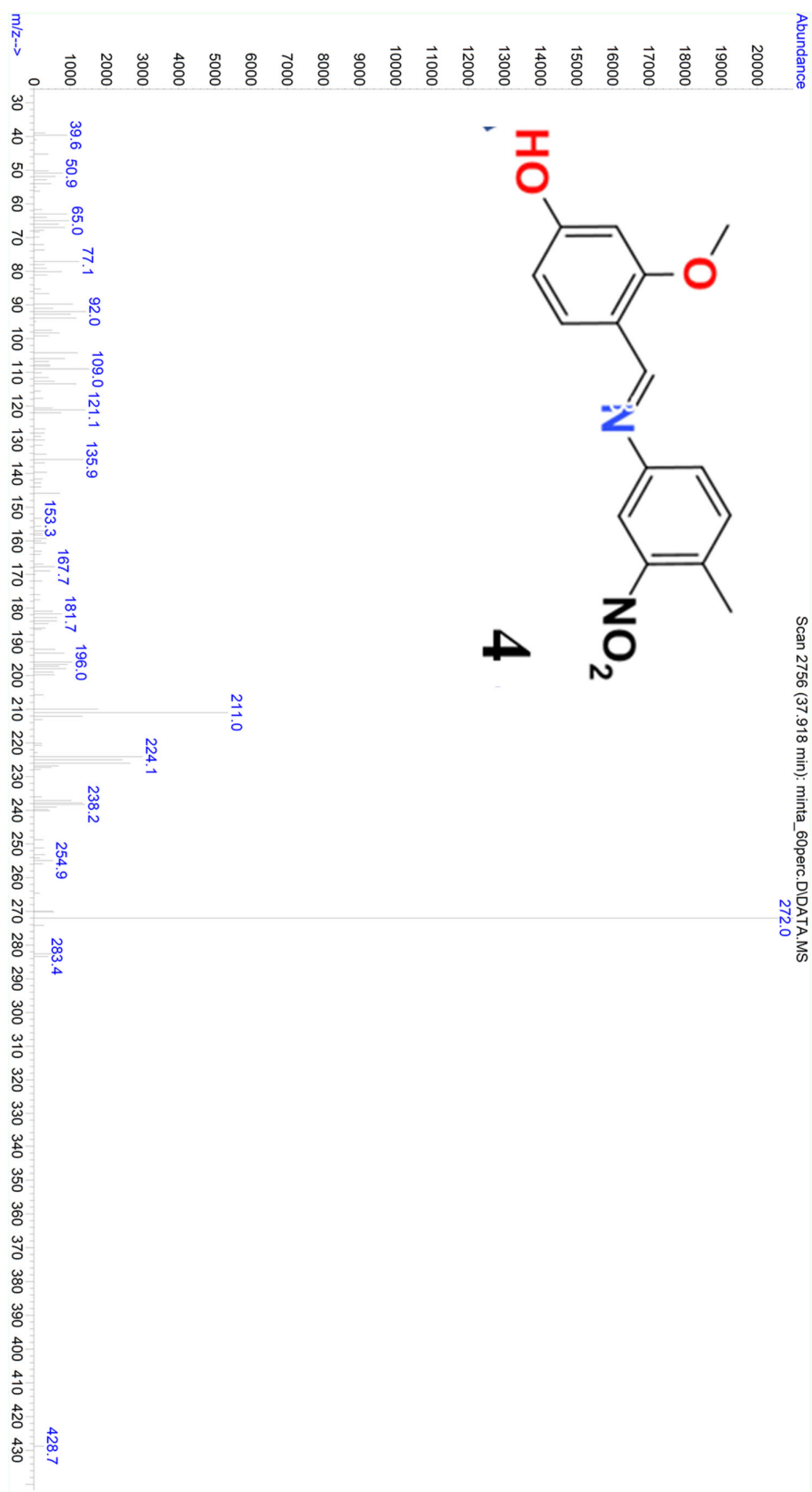
FigS2: Calculation of the activation energies (E_a) by non-linear regression of the Arrhenius plots in the case of the Pt/CrO_2 (A), Pd/CrO_2 (B) catalysts.



FigS3: Mass spectrum of the 2-[(*E*)-[(2-methyl-5-nitrophenyl)imino]methyl]-5-nitrophenol



FigS4: Mass spectrum of the 4-[(E)-[(2-methyl-5-nitrophenyl)imino]methyl]benzene-1,3-diol



FigS5: Mass spectrum of the 3-methoxy-4-[(E)-[(4-methyl-3-nitrophenyl)imino]methyl]phenol