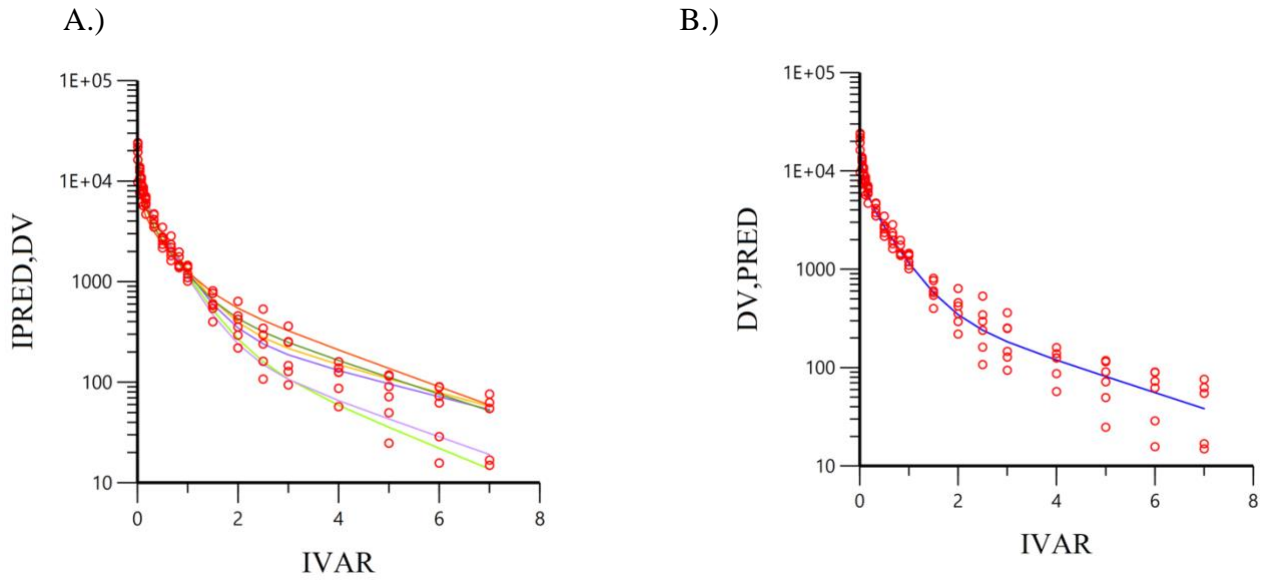
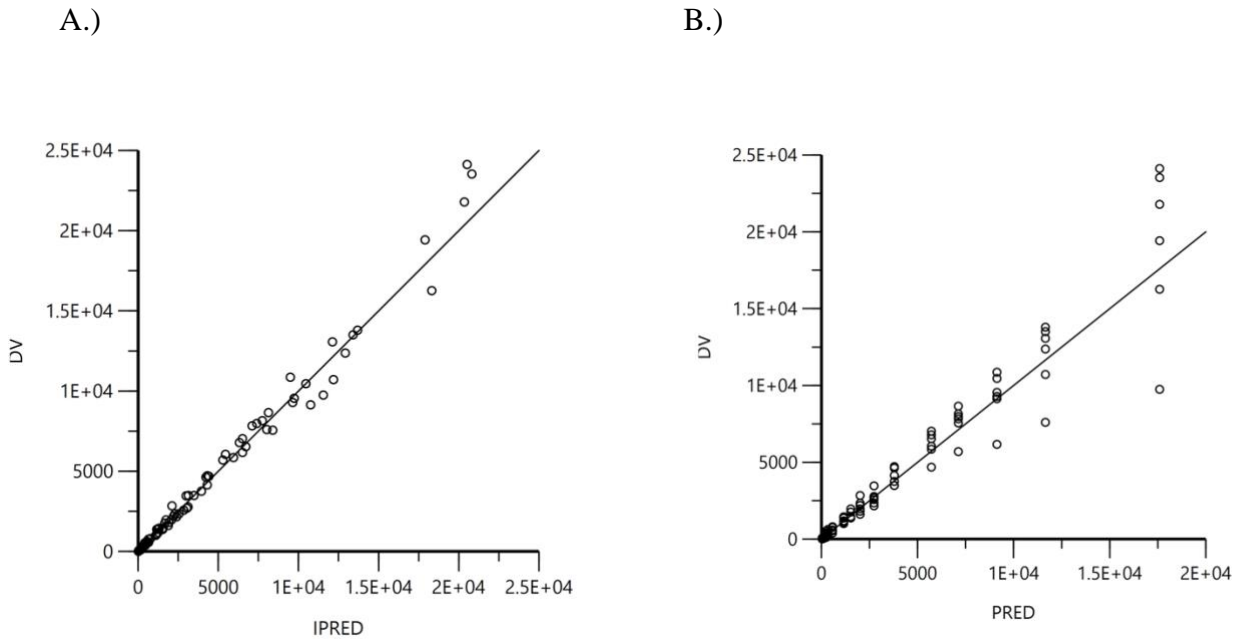


Supplementary Figures:



Supplementary Figure 1. (A) Plot of dependent variable (DV; concentrations) and individual prediction (IPRED) vs independent variable (IVAR; time) (B) Plot of dependent variable (DV; concentrations) and population prediction (PRED) vs the independent variable (IVAR: time).



Supplementary Figure 2. (A) Plot of the dependent variable (DV; concentrations) versus individual predicted values (IPRED; predicted concentrations) and (B) Plot of the dependent variable (DV; concentrations) versus population predictions (PRED)