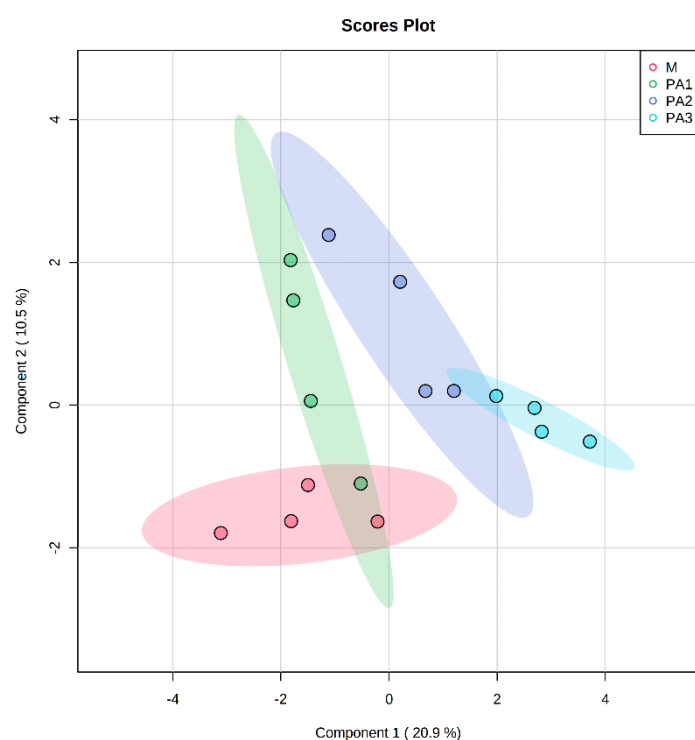


Supplementary Materials: Metabolite Profiling in the Liver, Plasma and Milk of Dairy Cows Exposed to Tansy Ragwort (*Senecio jacobae*) Pyrrolizidine Alkaloids

A



B

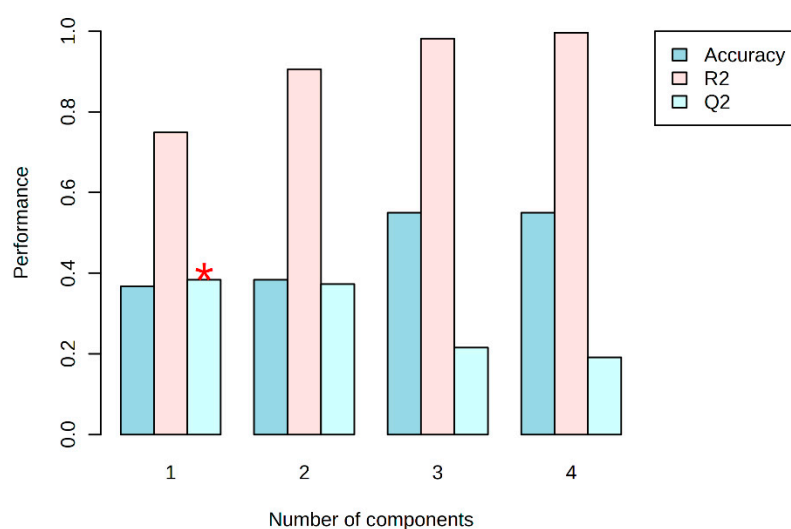


Figure S1 Partial least square discriminant analysis (PLS-DA, (A) and cross-validation metrics Q2 (B)) of **liver** metabolite profile in dairy cows treated with different concentrations of pyrrolizidine alkaloids (M = Control, PA1 = 0.47 mg PA/kg body weight/day, PA2 = 0.95 mg PA/kg body weight/day, PA3 = 1.91 mg/kg body weight/day).

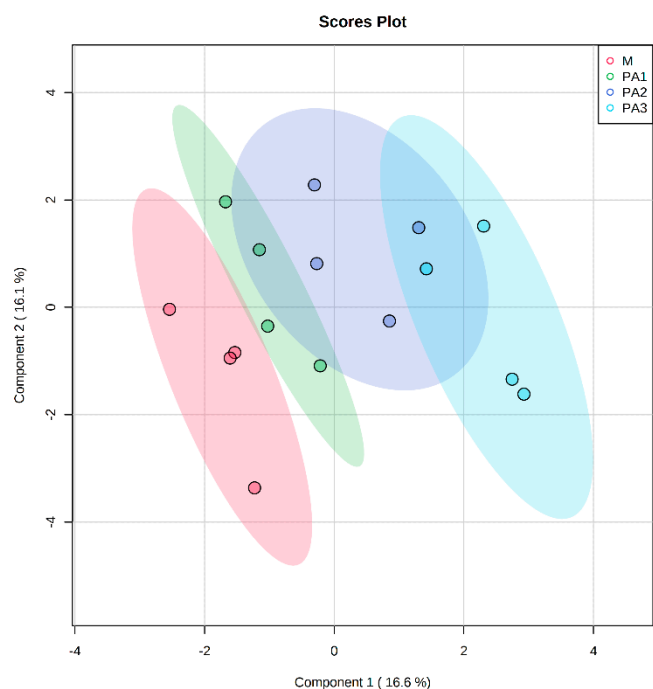
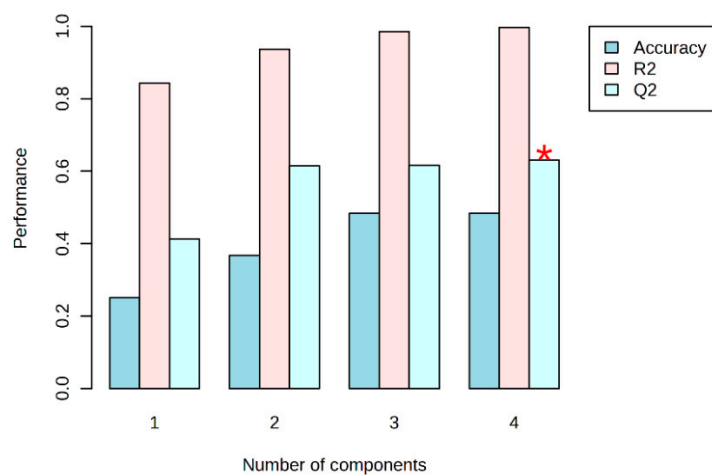
A**B**

Figure S2 Partial least square discriminant analysis (PLS-DA, (A) and cross validation metrics Q2 (B)) of **plasma** metabolite profile in dairy cows treated with different concentrations of pyrrolizidine alkaloids (M = Control, PA1 = 0.47 mg PA/kg body weight/day, PA2 = 0.95 mg PA/kg body weight/day, PA3 = 1.91 mg/kg body weight/day).

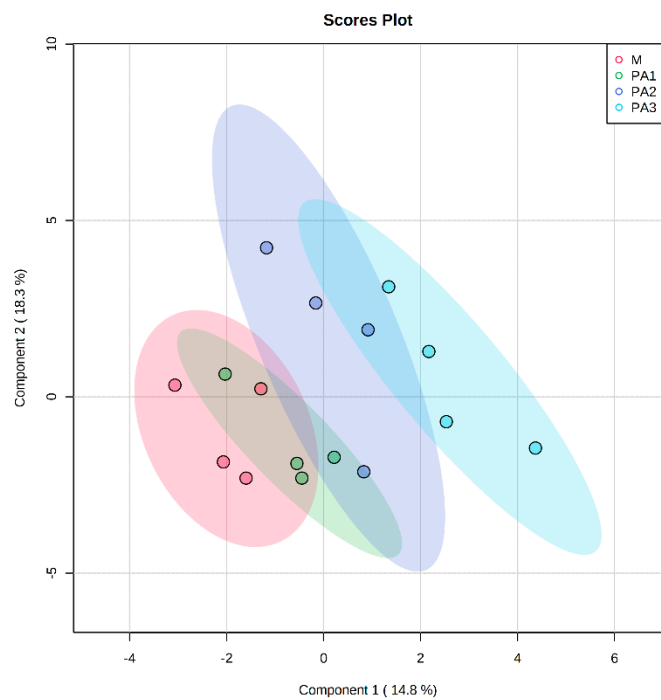
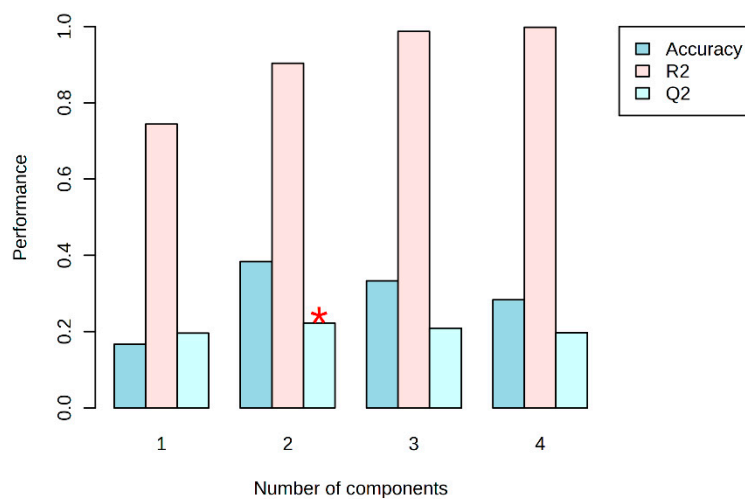
A**B**

Figure S3 Partial least square discriminant analysis (PLS-DA, (A) and cross validation metrics Q2 (B)) of **milk** metabolite profile in dairy cows treated with different concentrations of pyrrolizidine alkaloids (M = Control, PA1 = 0.47 mg PA/kg body weight/day, PA2 = 0.95 mg PA/kg body weight/day, PA3 = 1.91 mg/kg body weight/day).