## Chemical Fingerprinting and quantitative analysis of the doping drugs bambuterol and terbutaline in human urine samples using ATR-FTIR coupled with chemometric tools.

## Supplementary Figures



Figure (1S): Typical ATR-FTIR spectra of bank urine sample side by side to the urine samples obtained from volunteers at various times (1, 2 and 6 hours) after a single oral dose of 20 mg bambuterol tablet. All the samples were measured against urine sample background spectrum that contain all unit components of urine without the under investigation drug or its metabolites.

## Supplementary Tables

Table (1S): Characteristic groups and spectrum peaks differences between BAM and TER
Terbutaline

