

Supporting Material

During the experiment, we carried out quality control on the samples. The results are shown below:

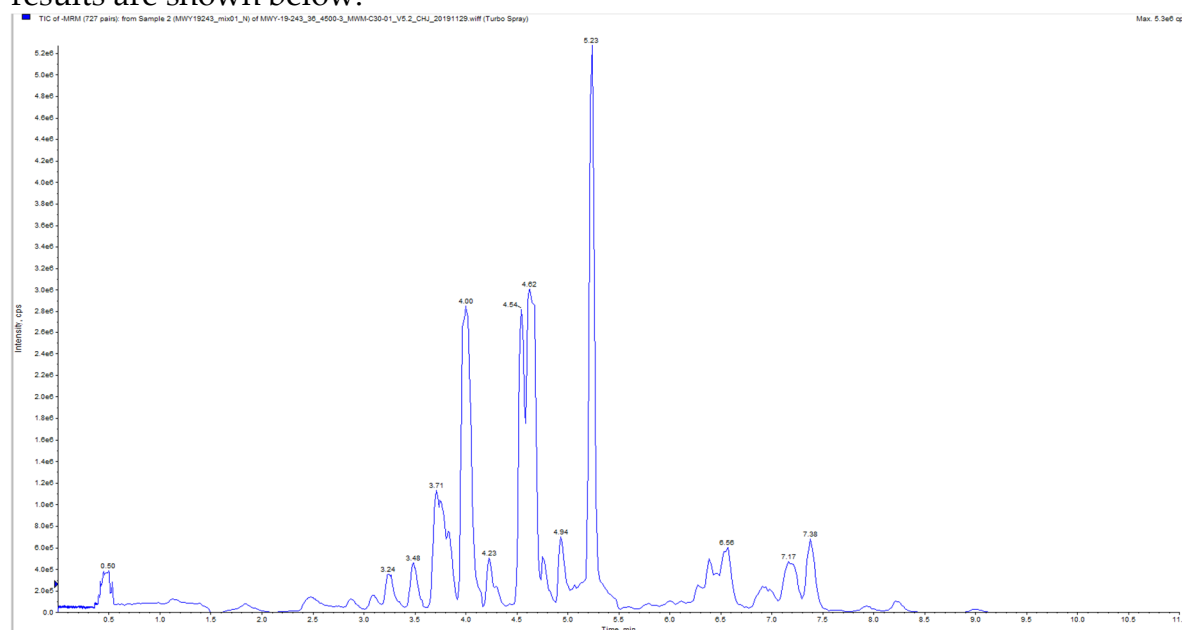


Figure S1: QC sample mass spectrometry analysis of total ion flow (Abcissa: retention time; Ordinate: ion current intensity)

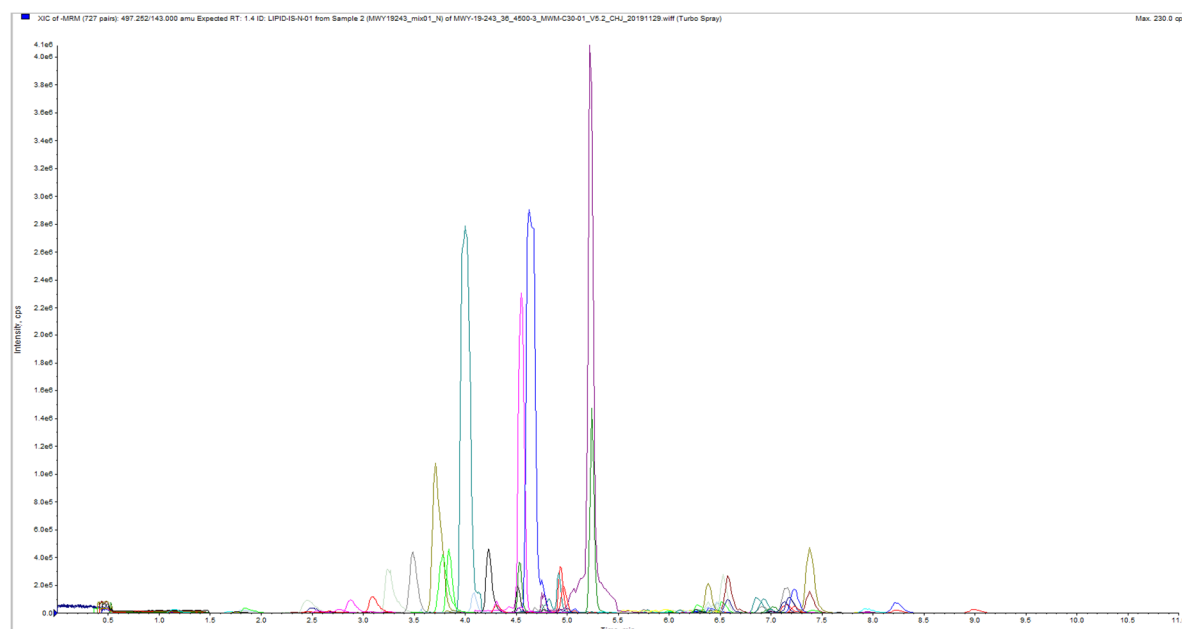


Figure S2: Detected multimodal plot of MRM metabolites (Abcissa: retention time; Ordinate: ion current intensity)

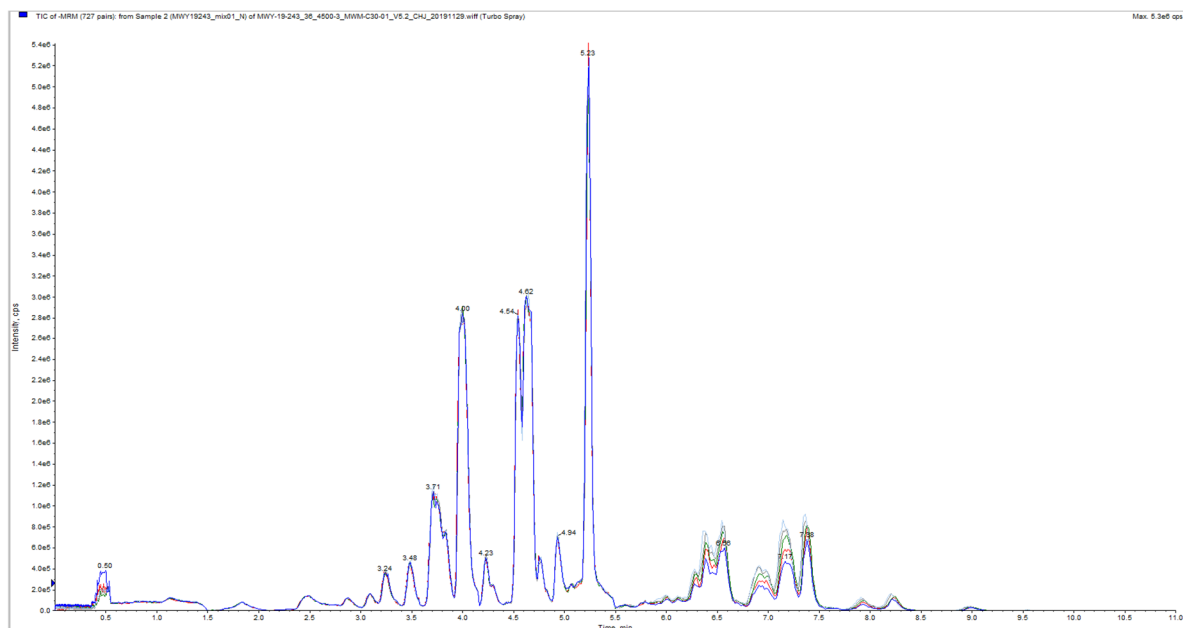


Figure S3: TIC overlay of QC sample with mass spectrometry detection (Abcissa: retention time; Ordinate: ion flow intensity)