

NOVEL METABOLOMIC PROFILE OF SUBJECTS WITH NON-CLASSIC APPARENT MINERALOCORTICOID EXCESS

Supplementary Material

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Running head: Metabolomic profile of NC-AME subjects

Keywords: metabolomics, nonclassic AME, mineralocorticoid receptor, hypertension

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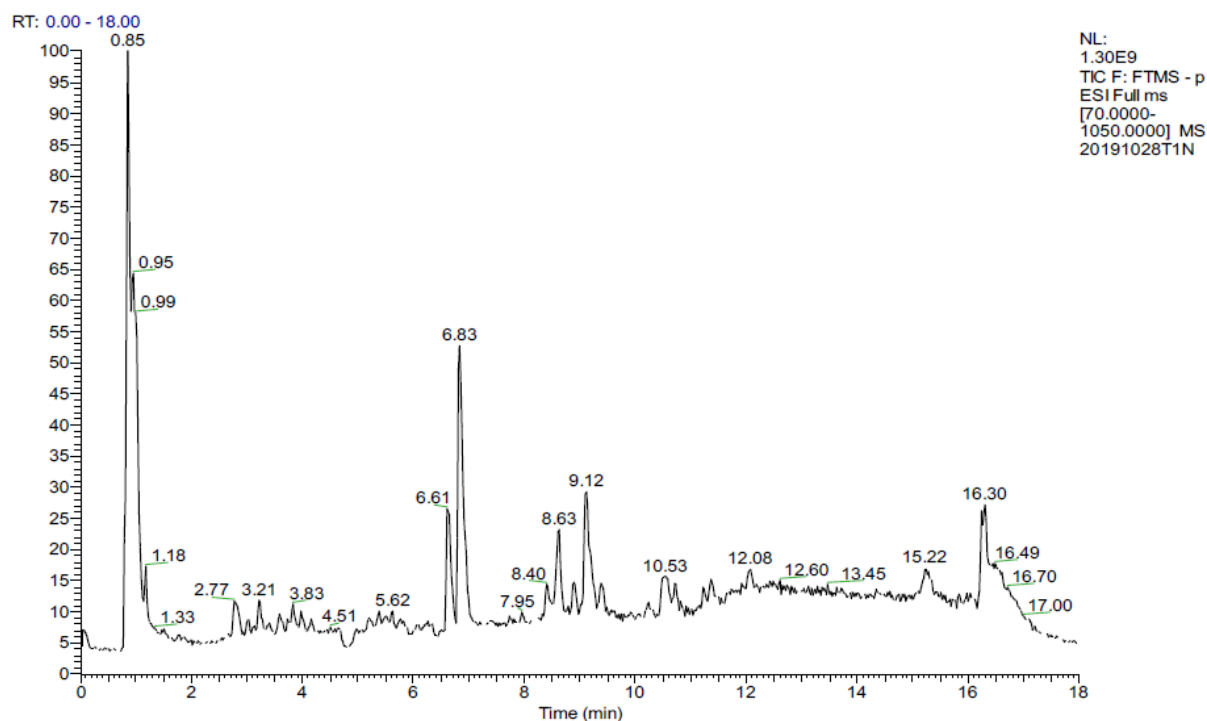
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Santiago 8330077, CHILE

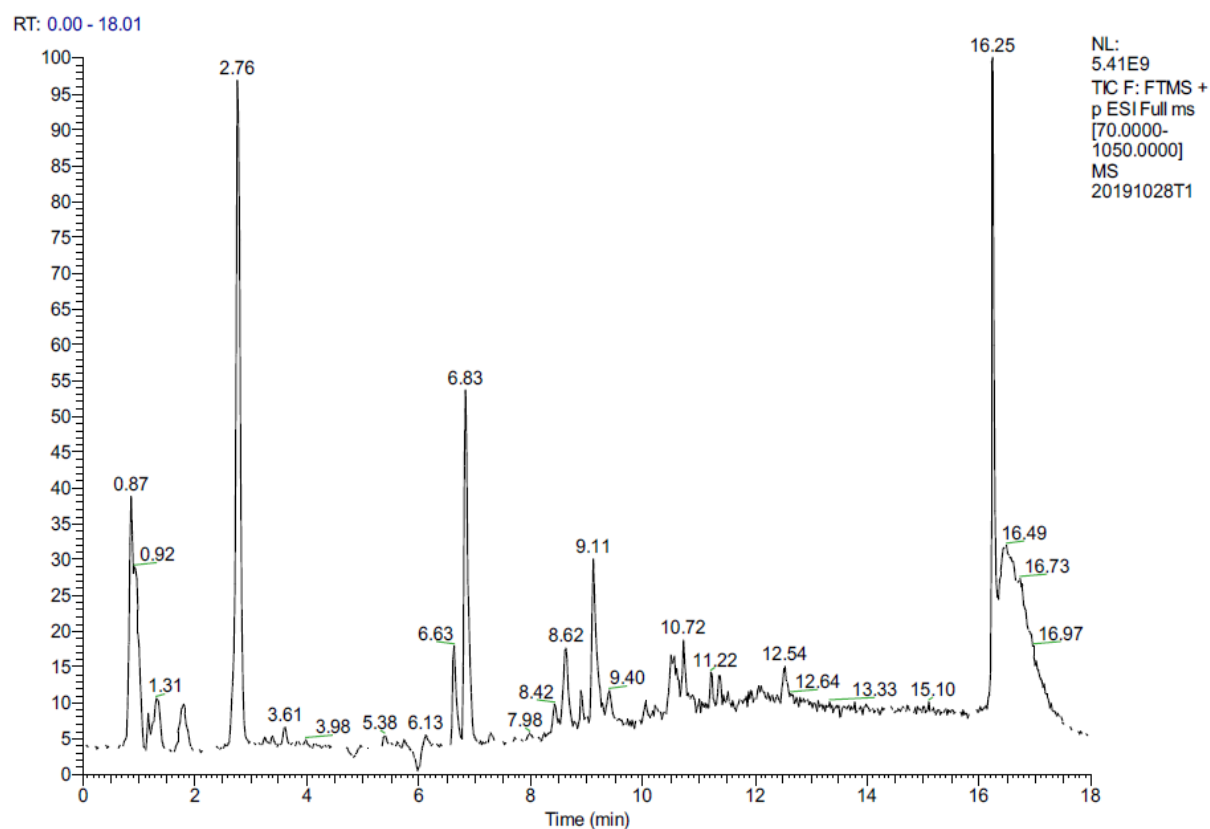
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A)

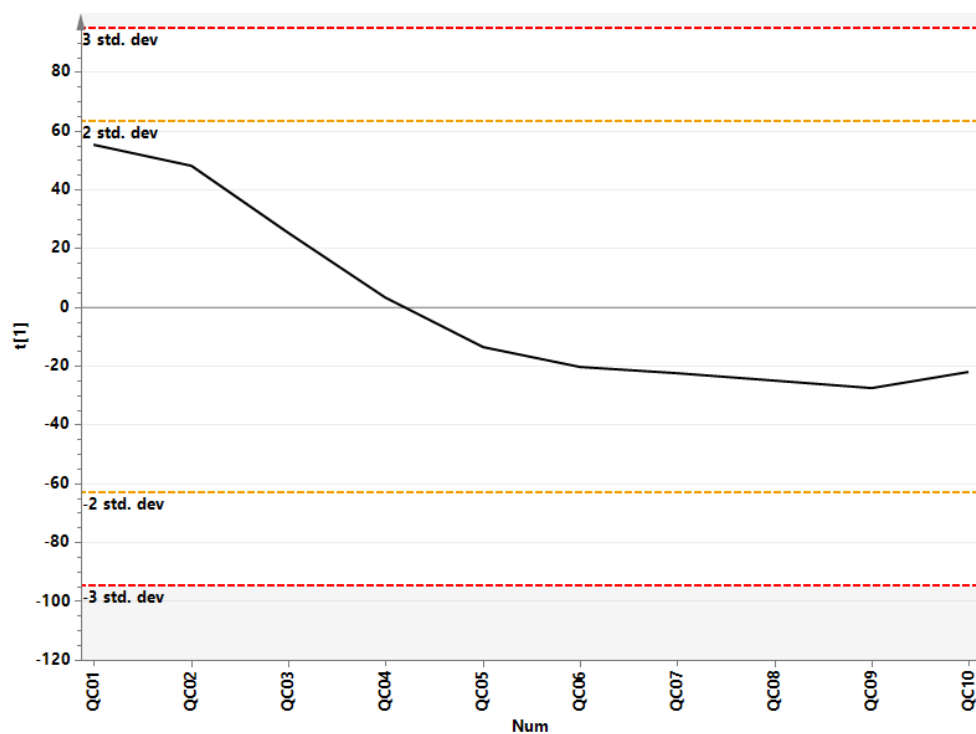


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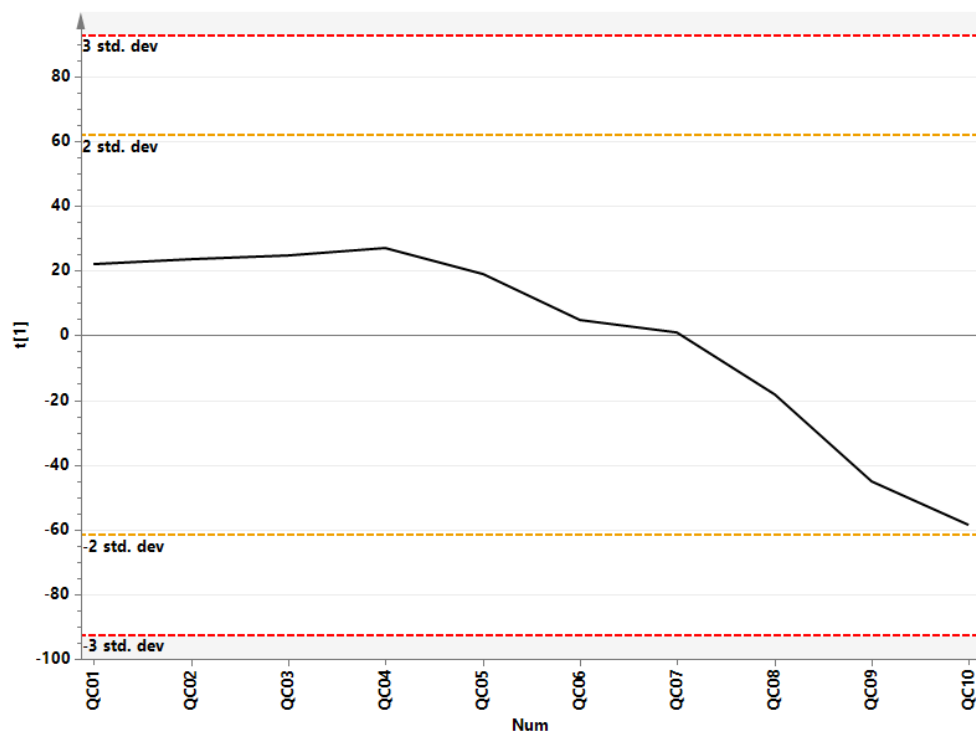


Supplementary Figure 1. Base Peak Intensity (BPI) obtained from plasma in A) ESI- mode; B) ESI+ mode.

A)

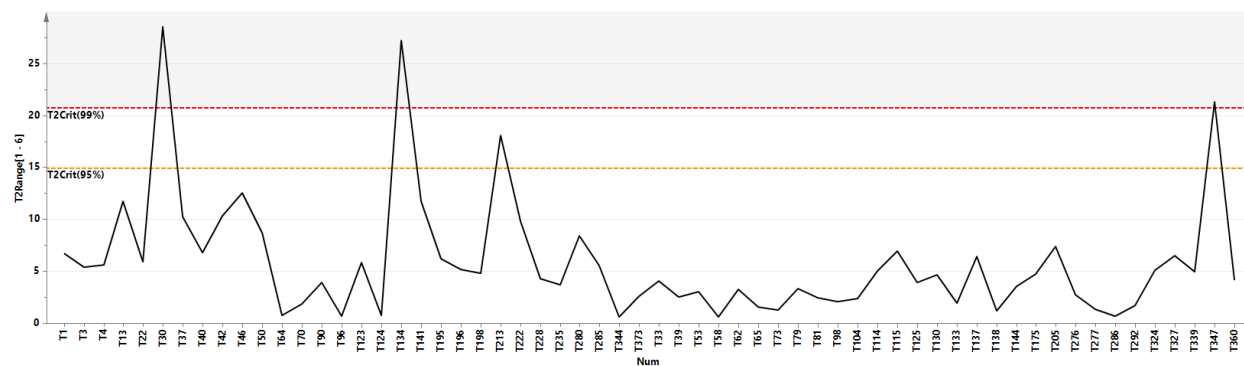


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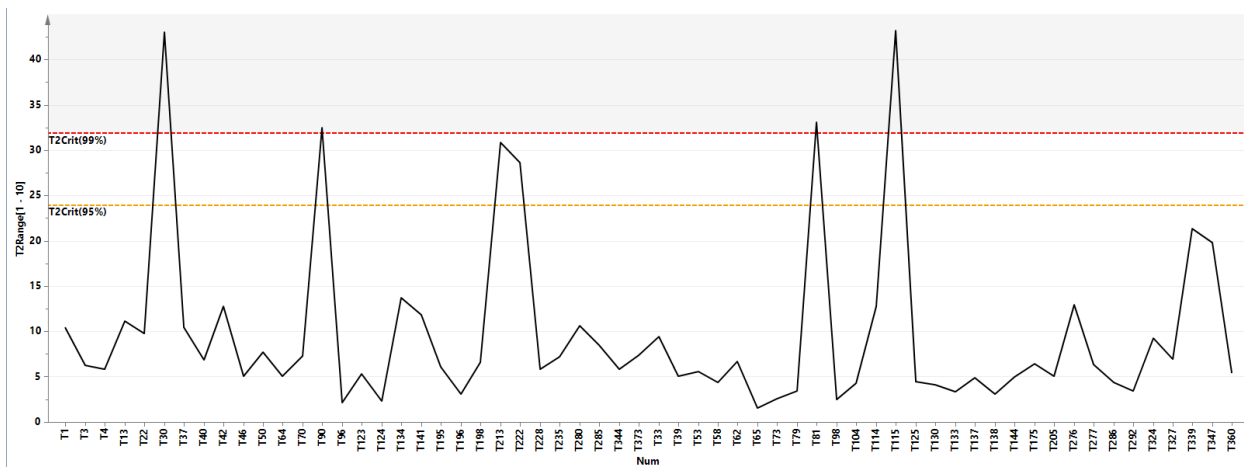


Supplementary Figure 2. The PCA score plot of the QC samples, the X axis indicates the number of QC samples, the Y axis indicates the range of RSD. A) negative mode; B) positive mode

A)

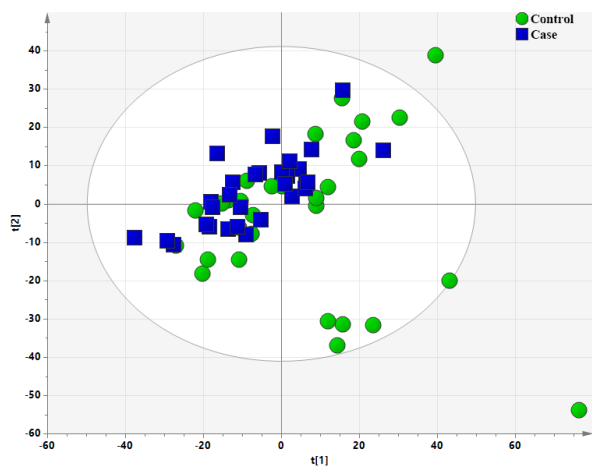


B)

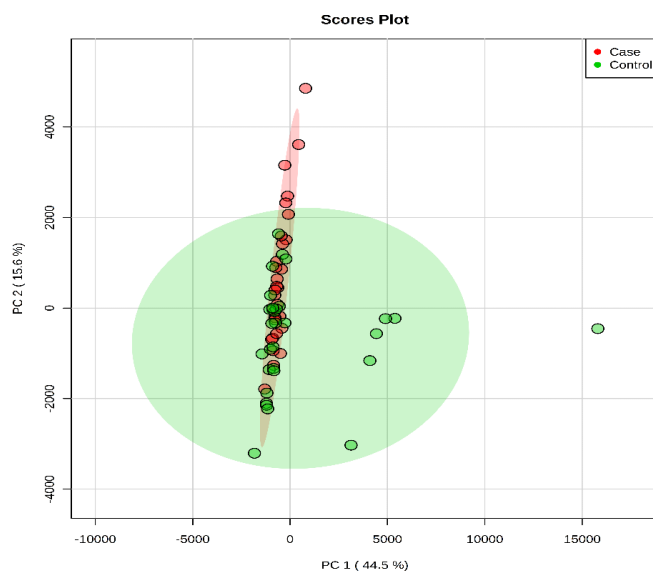
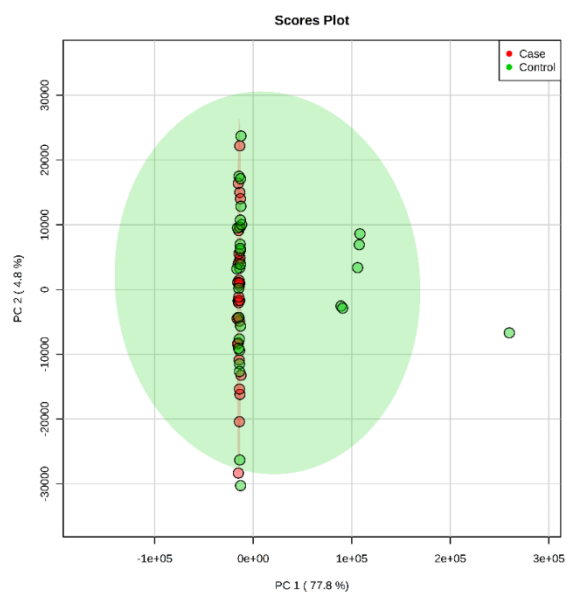
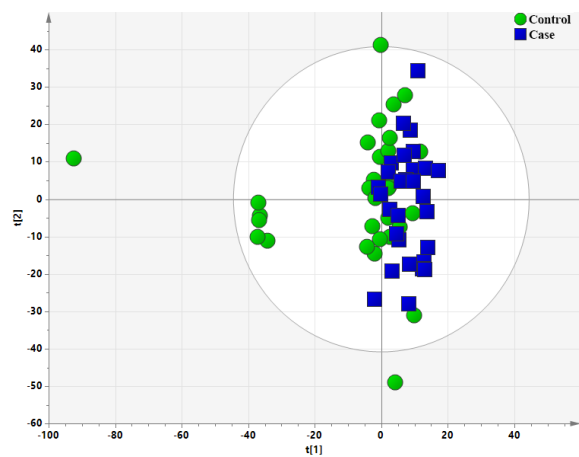


Supplementary Figure 3. The line plot of samples, the X axis indicates the number of samples, the Y axis indicates the 95% confidence interval. A) ESI-mode; B) ESI+mode

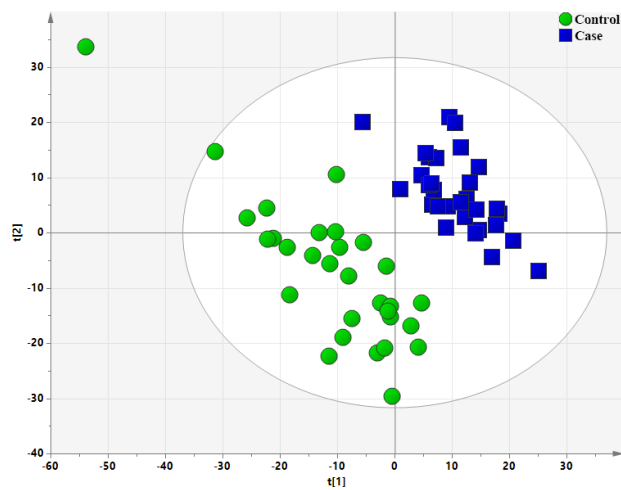
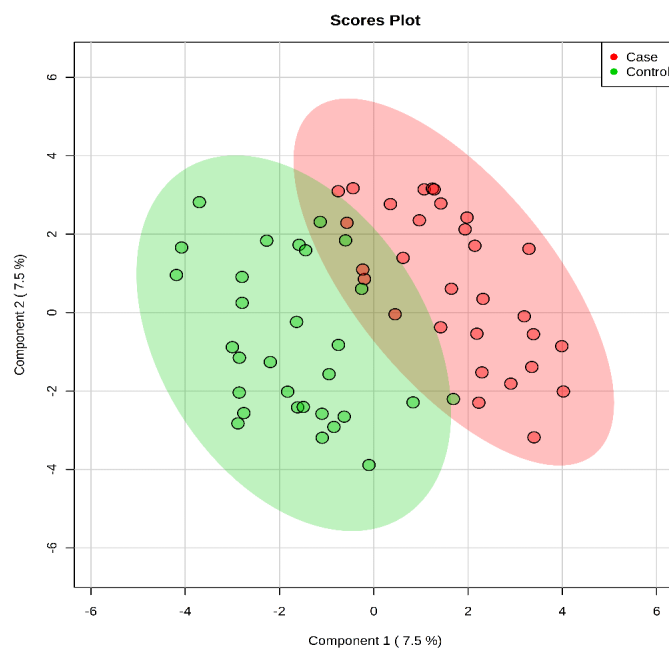
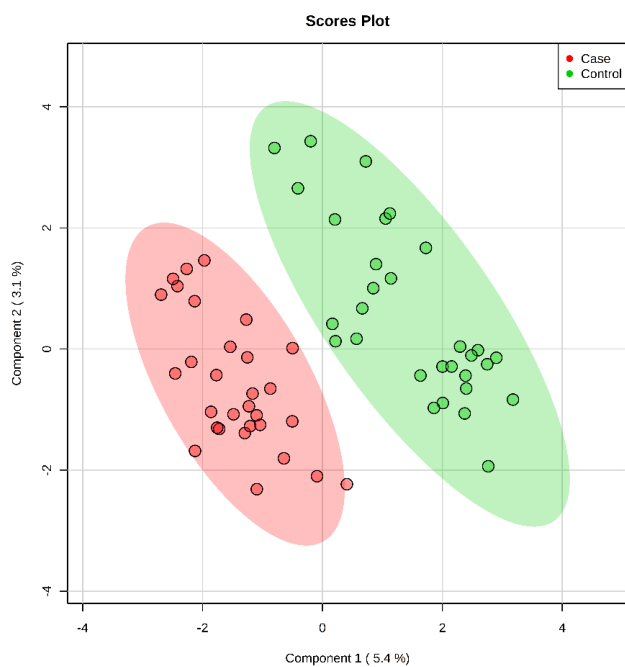
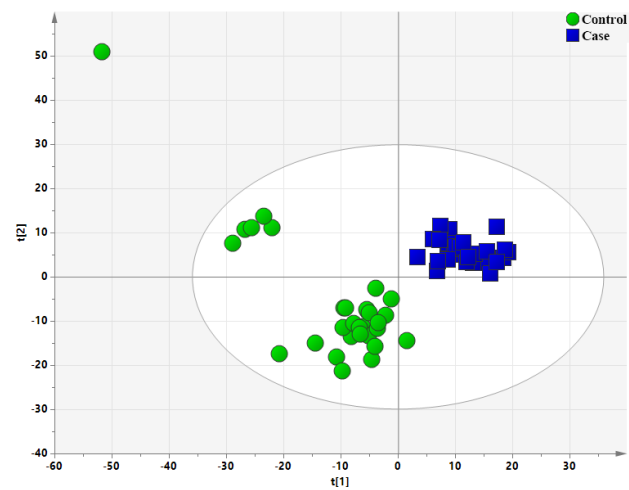
A)



B)

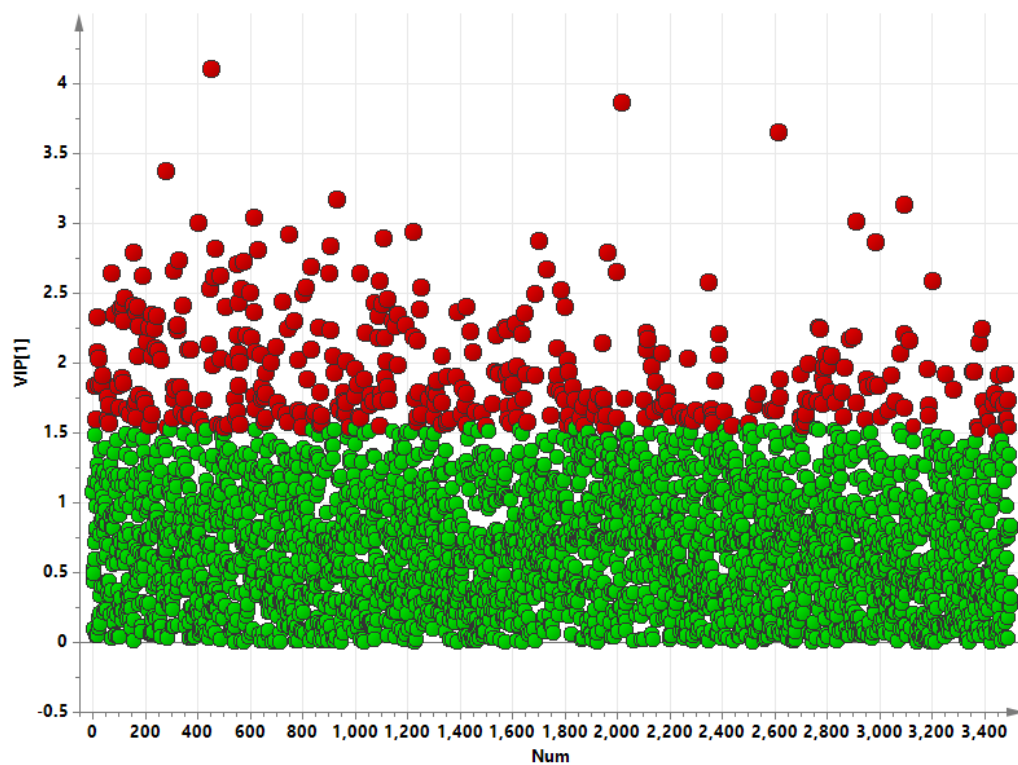


Supplementary Figure 4. The scores scatter plot of PCA model. A) ESI-mode B) ESI+mode

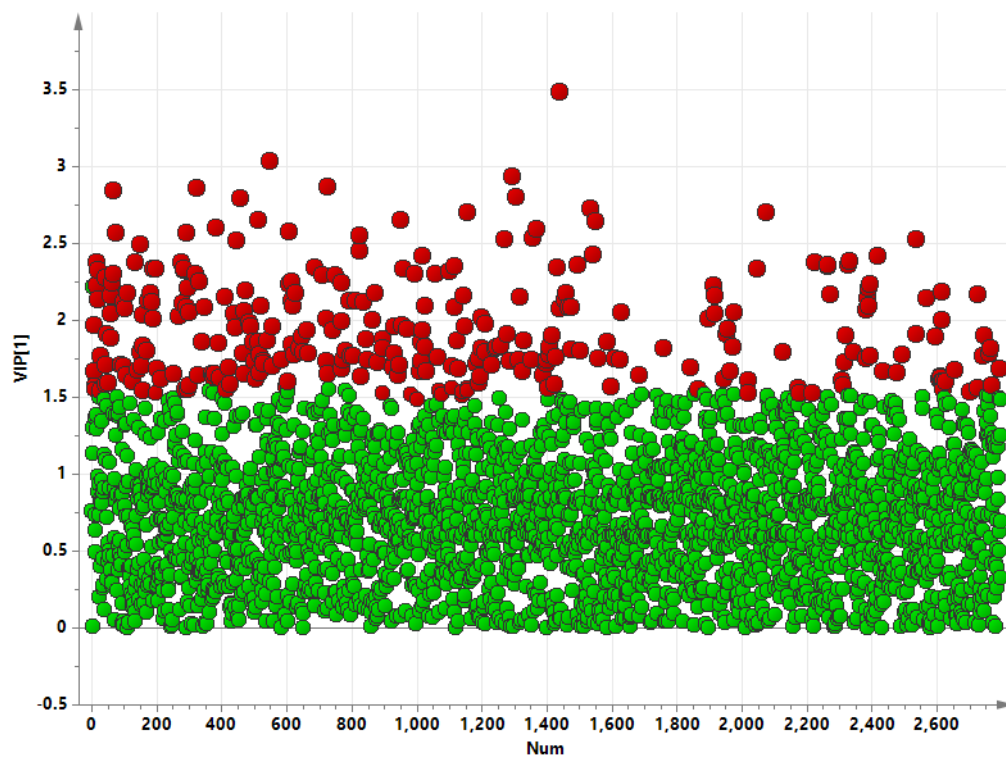
A)**B)**

Supplementary Figure 5. The scores scatter plot of PLS-DA model. A) samples run in negative ion mode B) samples run in positive ion mode.

A)

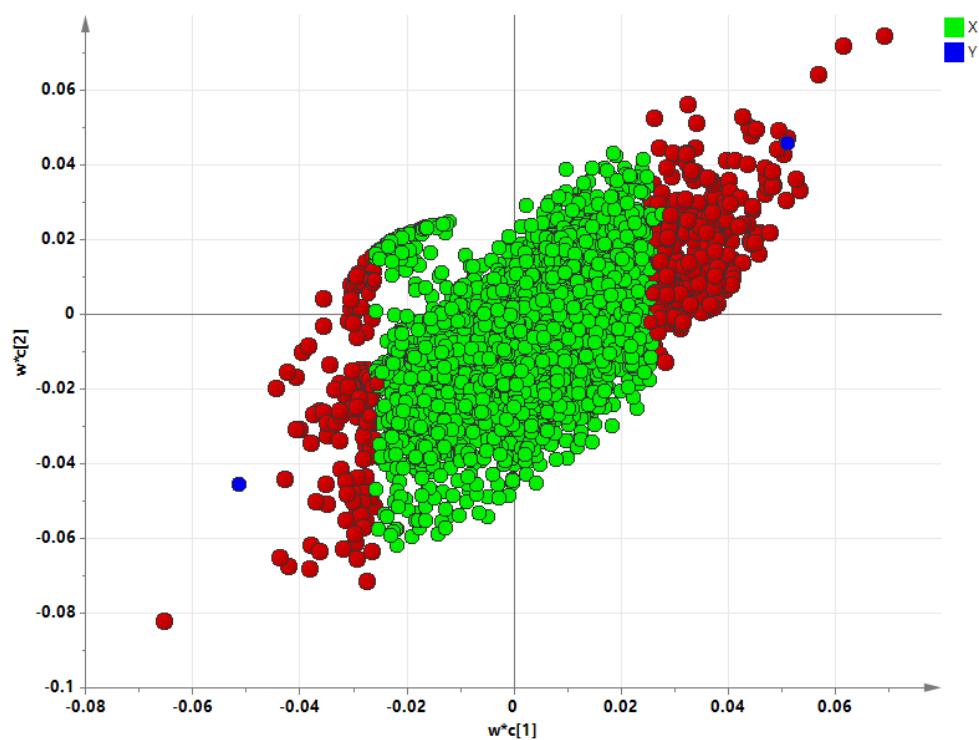


B)

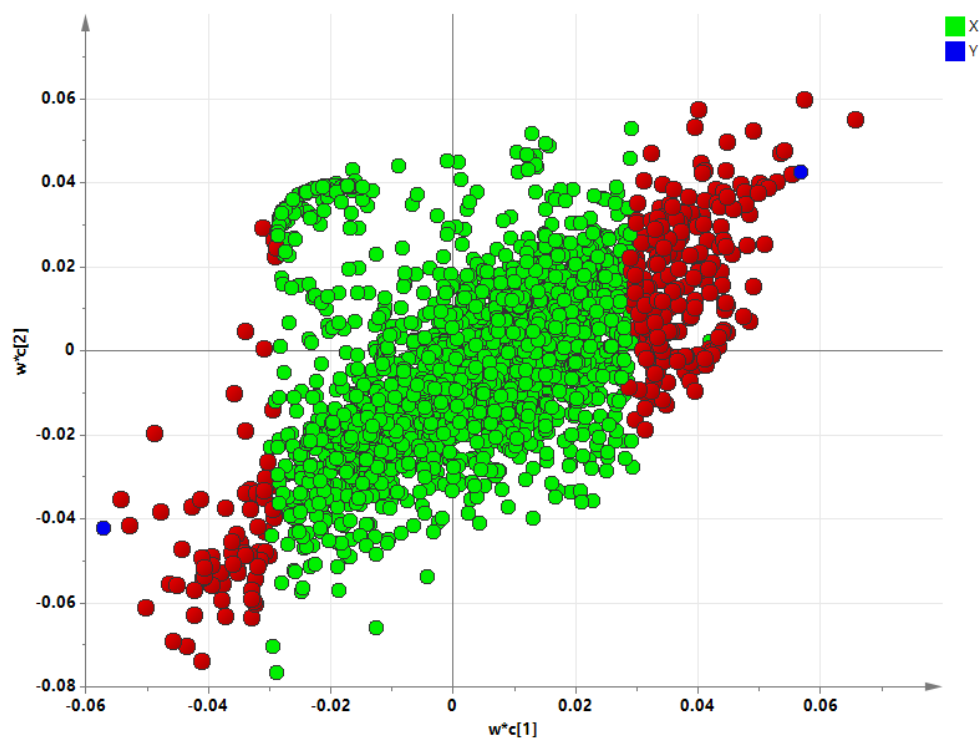


Supplementary Figure 6. The distribution of VIP values ($VIP > 1.5$). A) ESI-mode; B) ESI+mode

A)

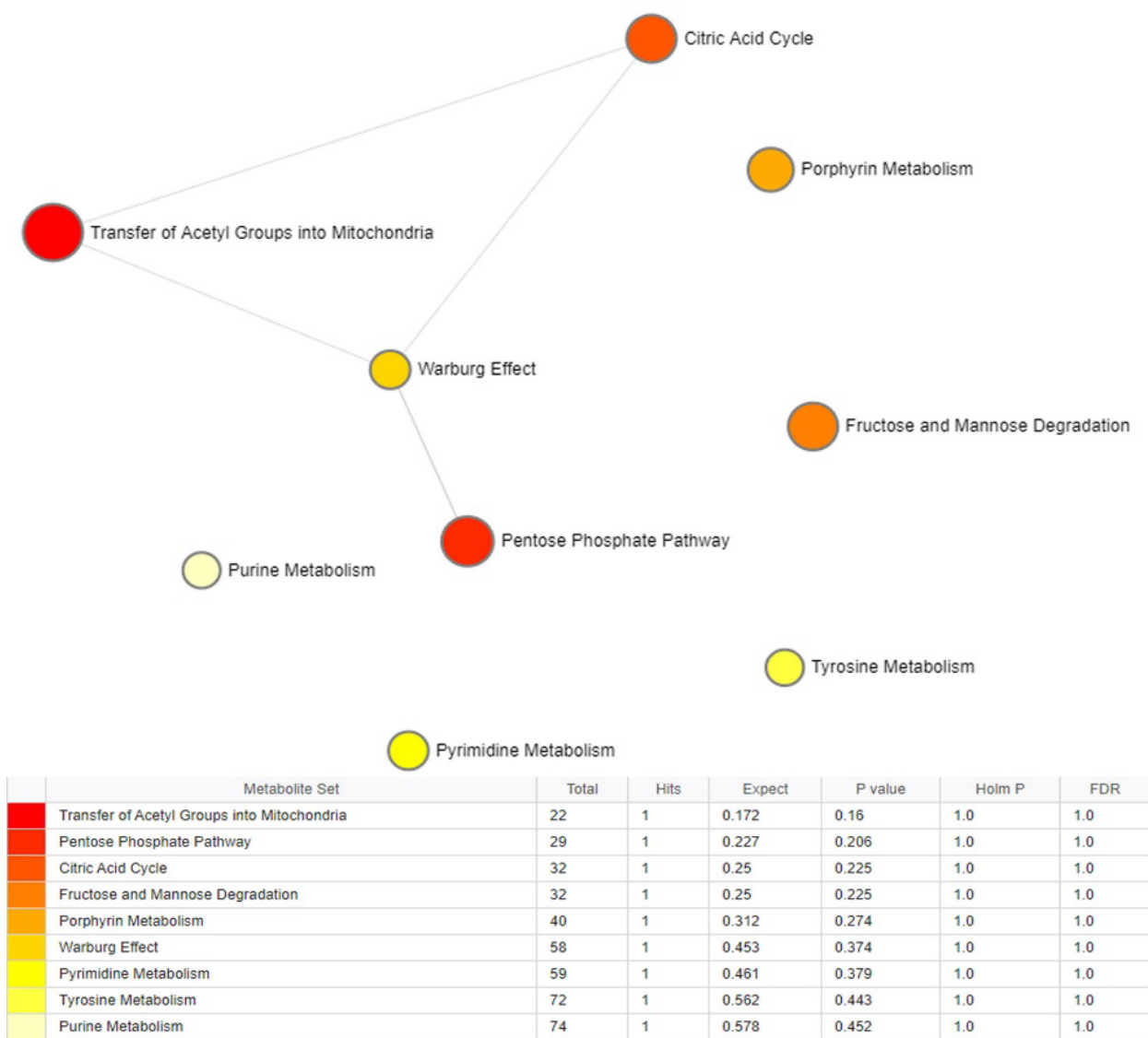


B)

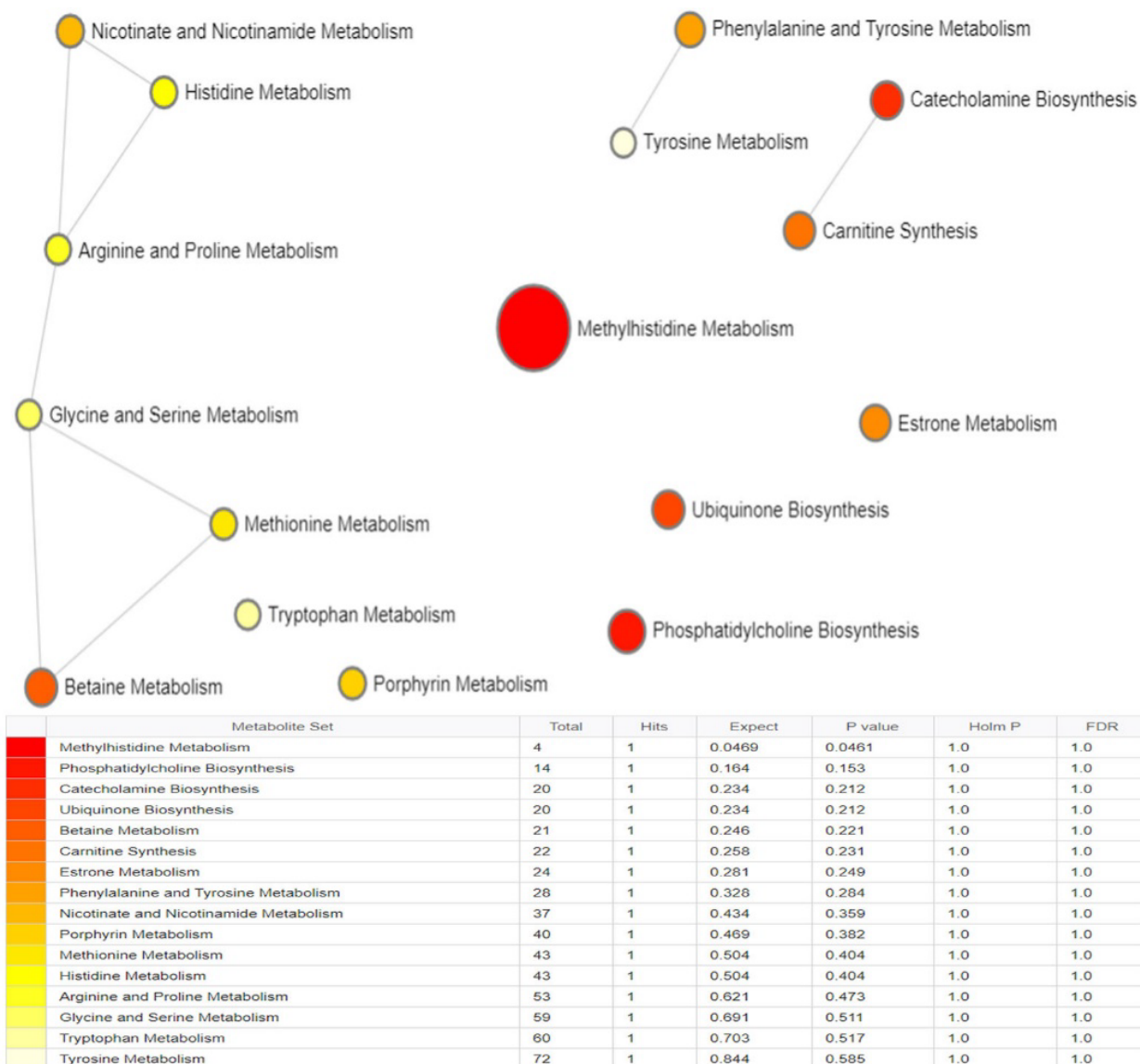


Supplementary Figure 7. The loading plot of PLS-DA model. the metabolites with red box were labeled as significant compounds ($VIP > 1.5$). A) ESI-mode; B) ESI+mode.

A)



B)



Supplementary Figure 8. Pathway enrichment analysis of perturbed metabolites. A) At negative ion mode B) At positive ion mode.