Supplementary Data

Metabolomic Approach for Discrimination of Red Ginseng Root Parts and Targeted Validation
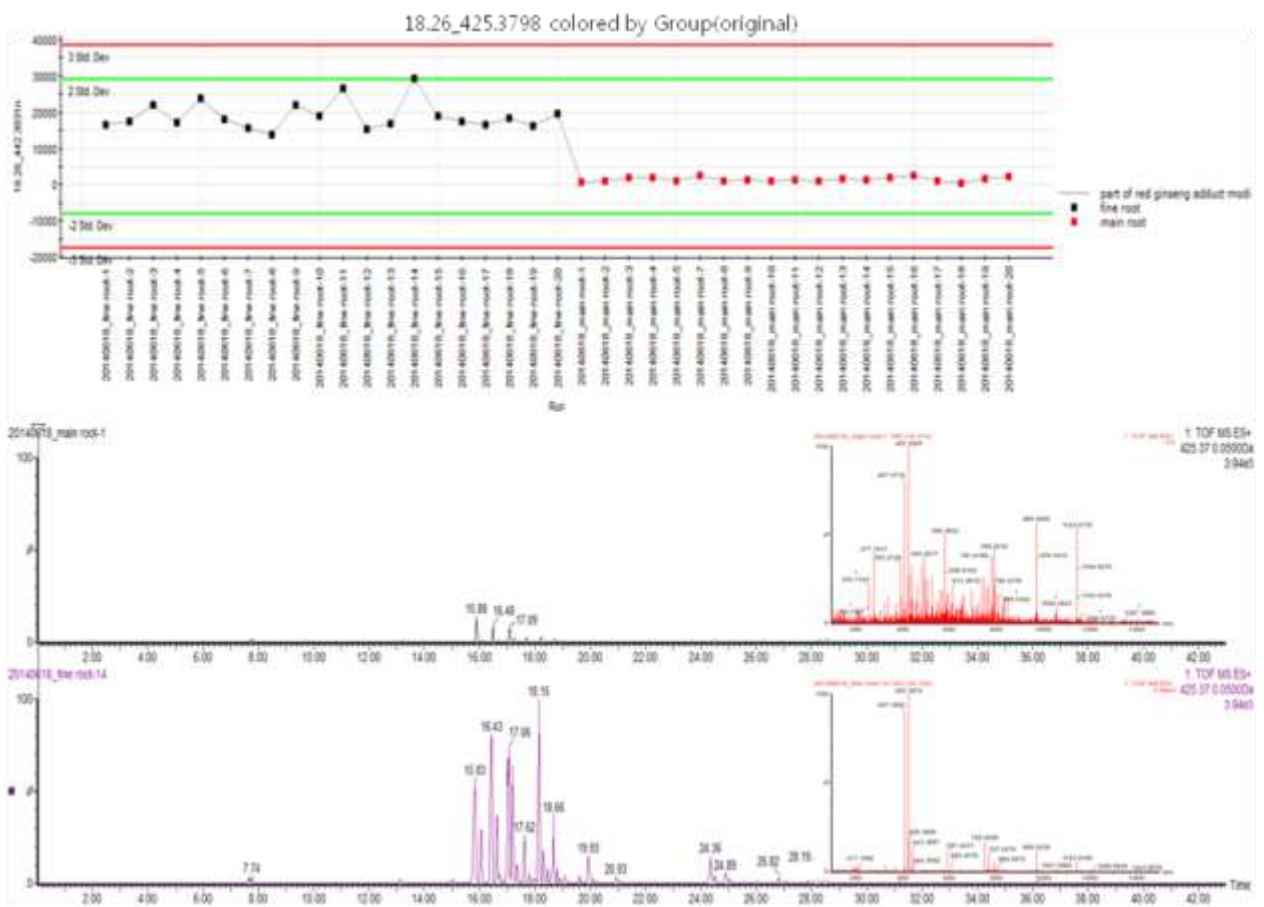
Contents

Figure S1. Selected ion intensity trend plot & EIC for ion **a**

Figure S2. Selected ion intensity trend plots & EIC for ion **b**

Figure S3. Selected ion intensity trend plots & EIC for ion **c**

Figure S4. Selected ion intensity trend plots & EIC for ion **d**
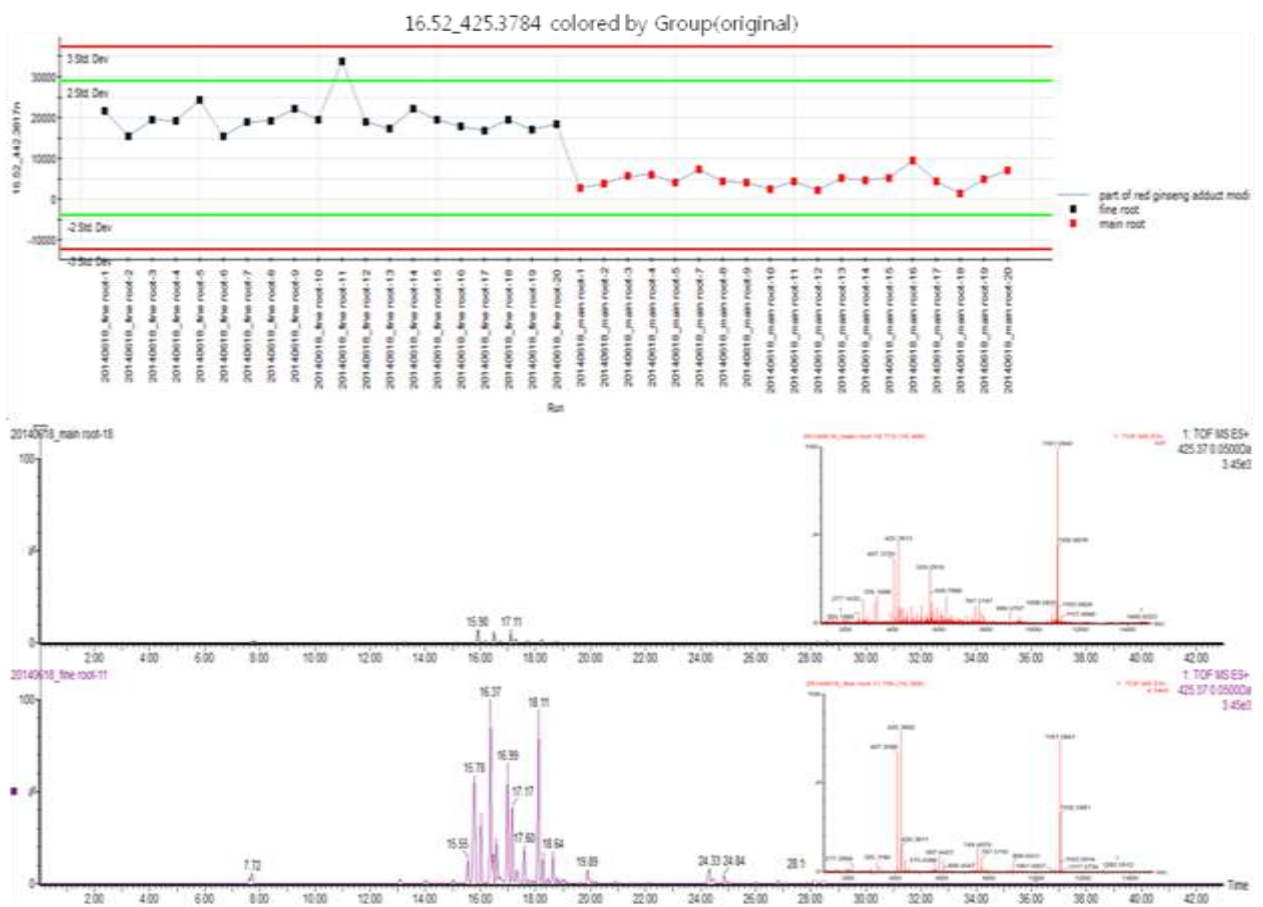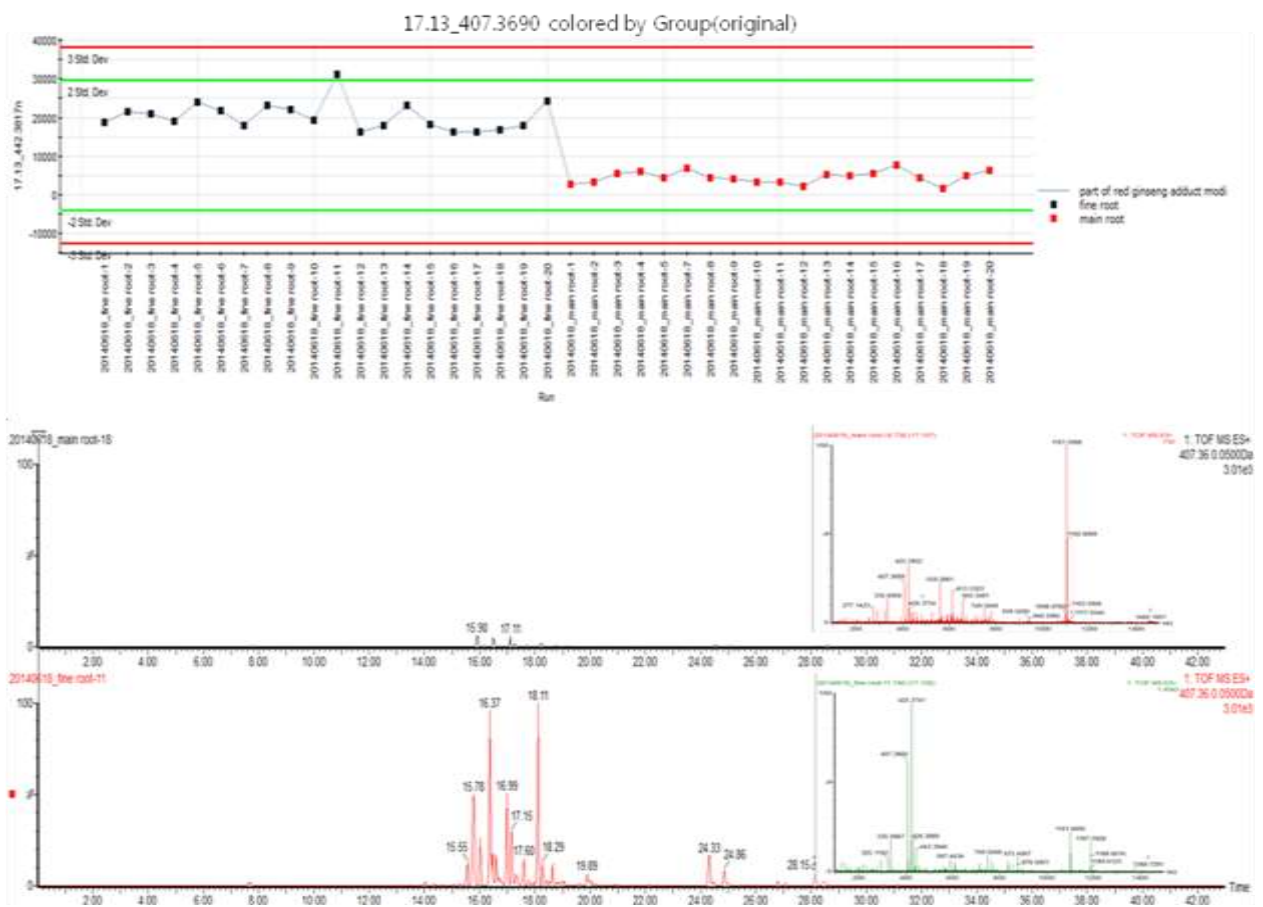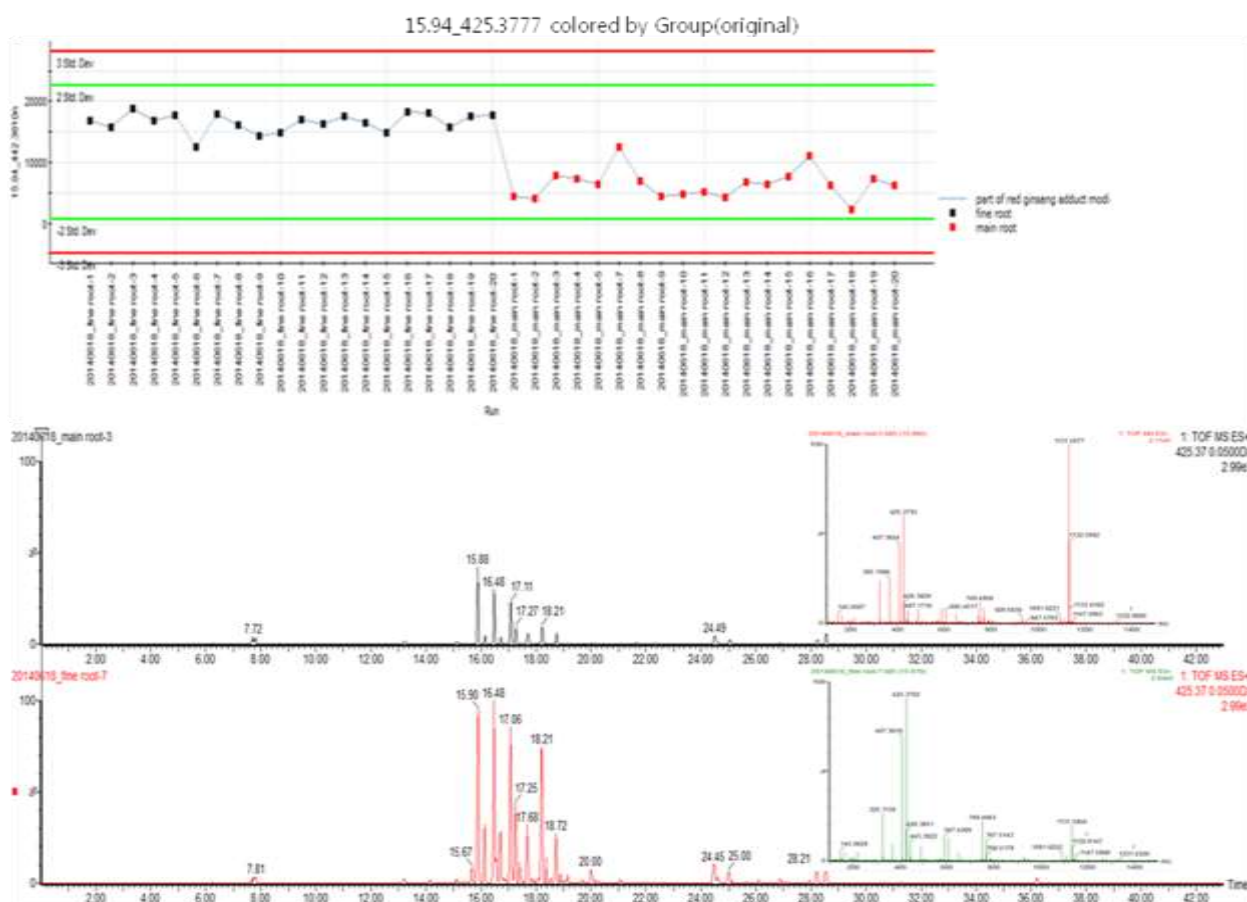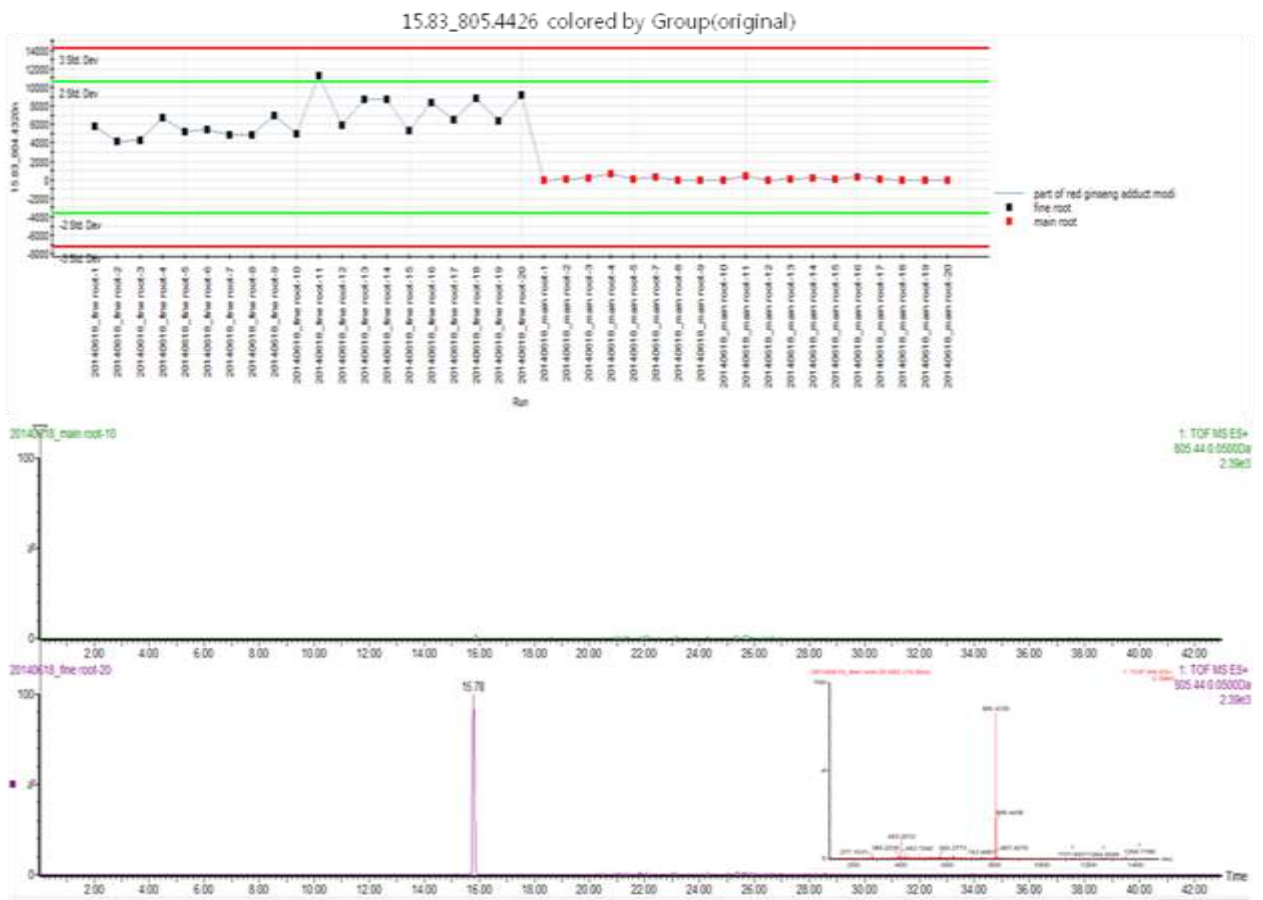
15.83_805.4426 colored by Group(original)

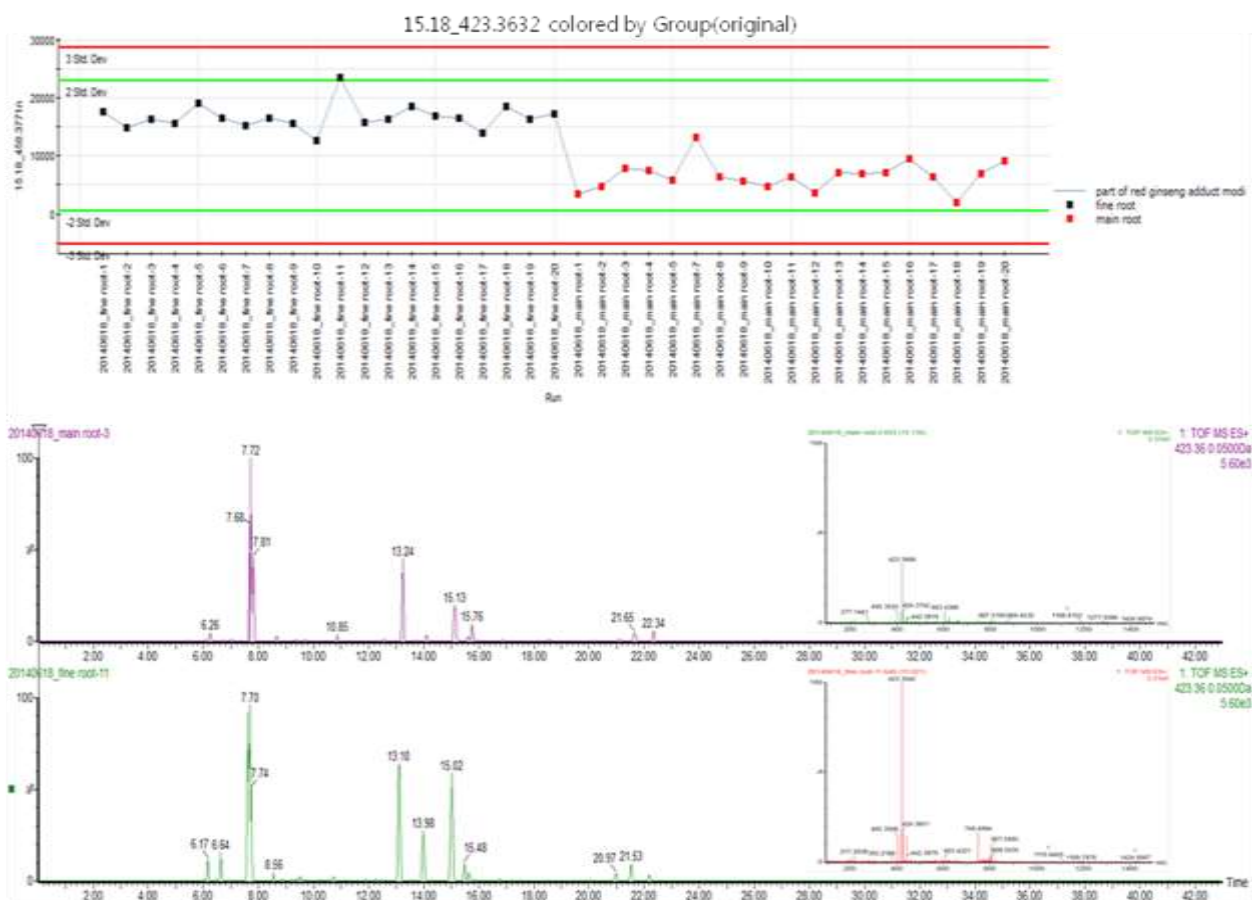Figure S5. Selected ion intensity trend plots & EIC for ion **e**

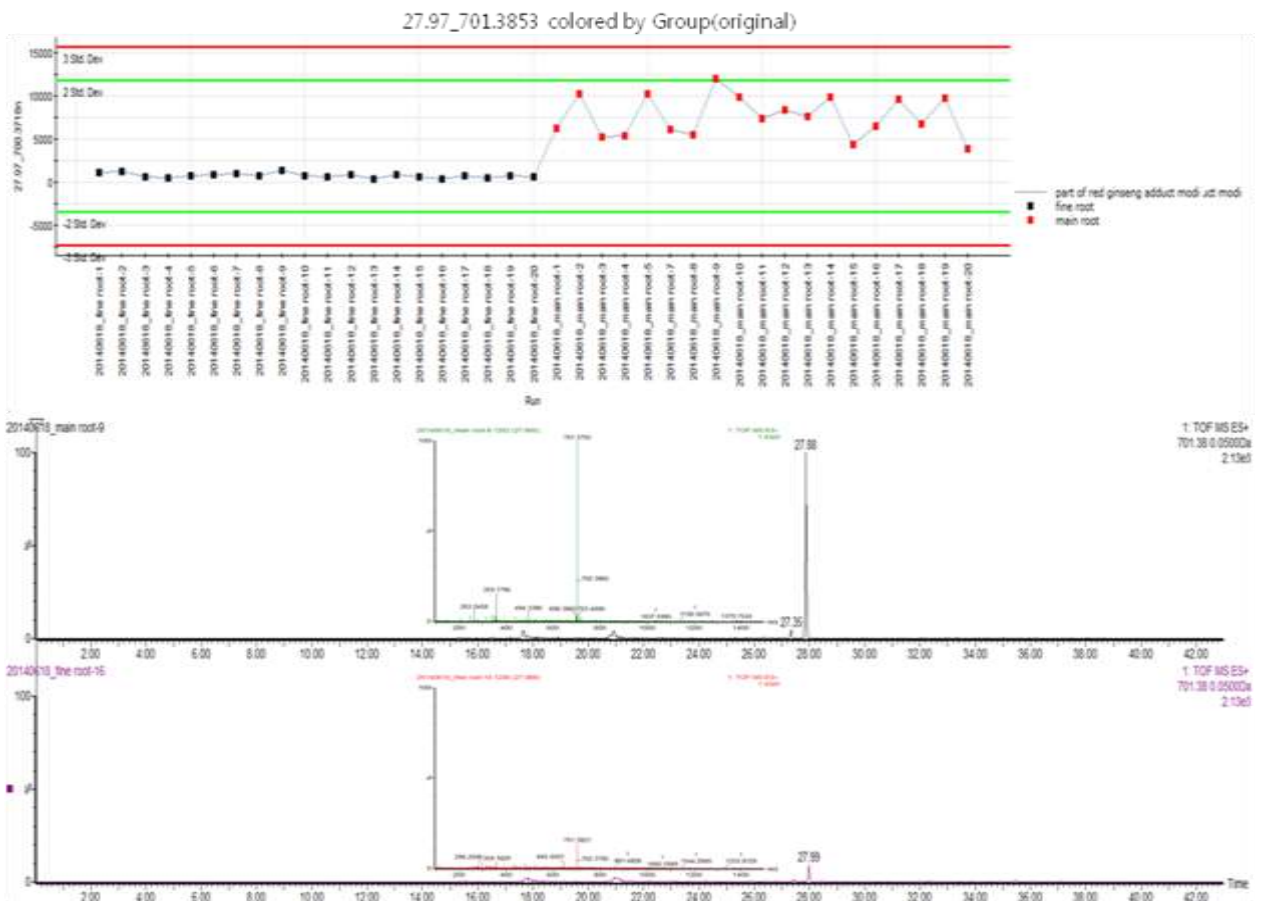Figure S6. Selected ion intensity trend plots & EIC for ion **f**

Figure S7. Selected ion intensity trend plots & EIC for ion **g**

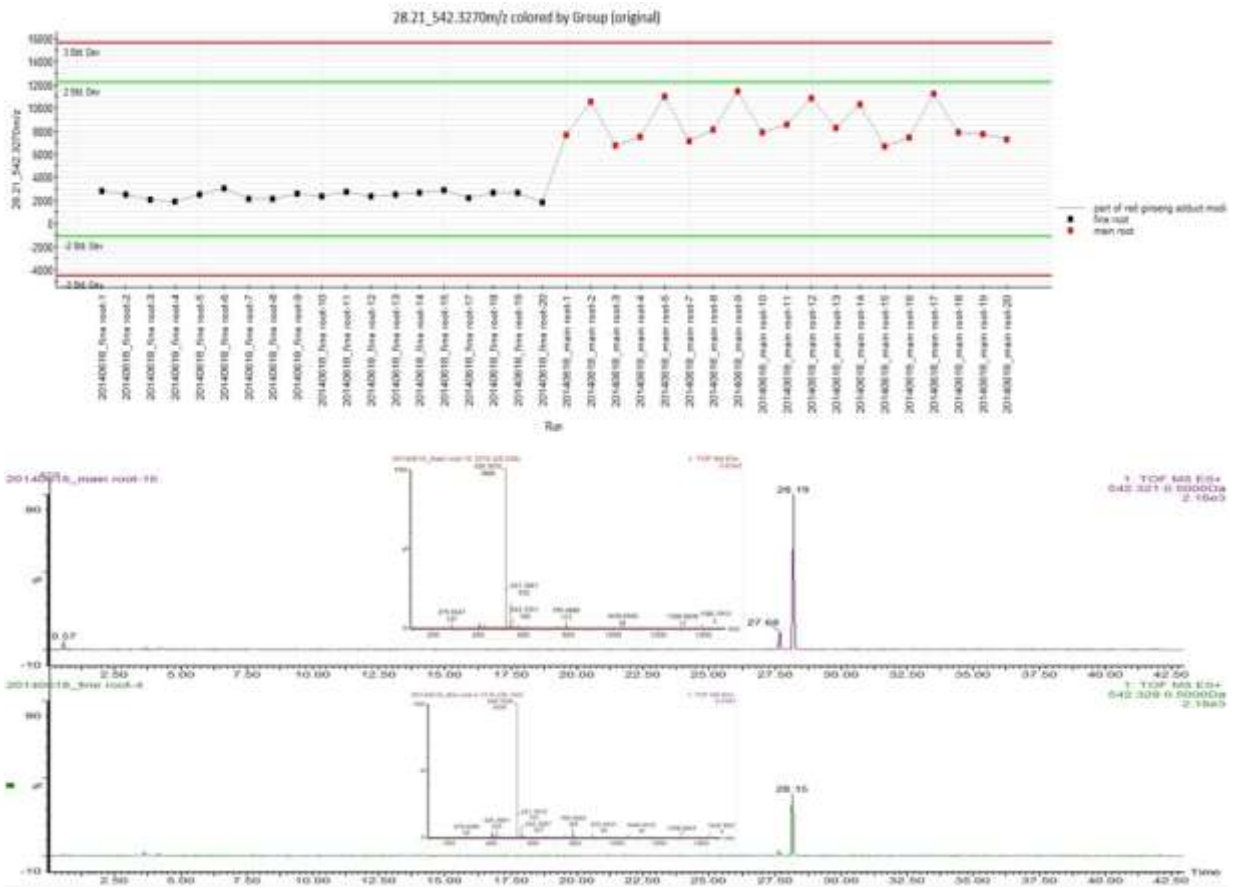Figure S8. Selected ion intensity trend plots & EIC for ion **h**

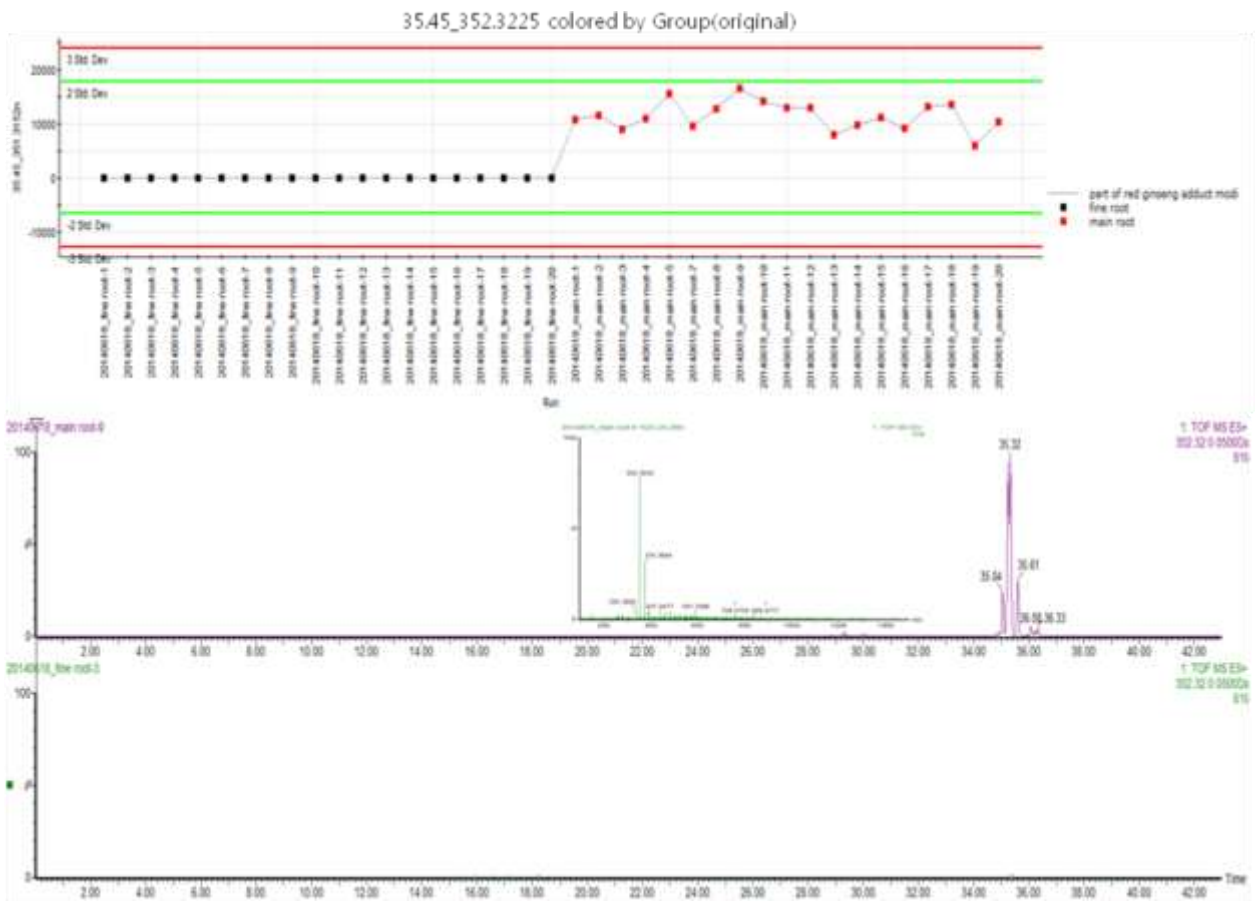Figure S9. Selected ion intensity trend plots & EIC for ion **i**

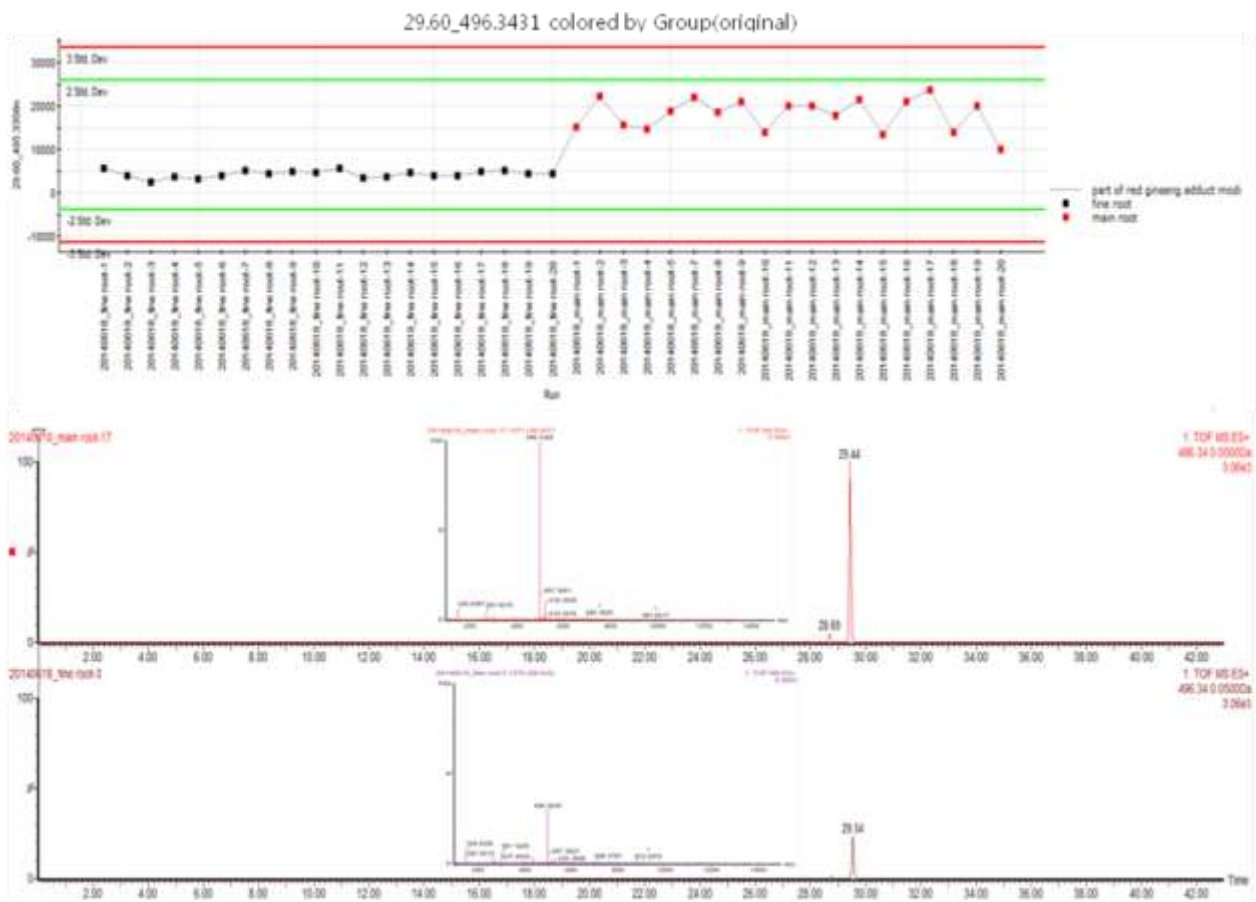Figure S10. Selected ion intensity trend plots & EIC for ion **j**

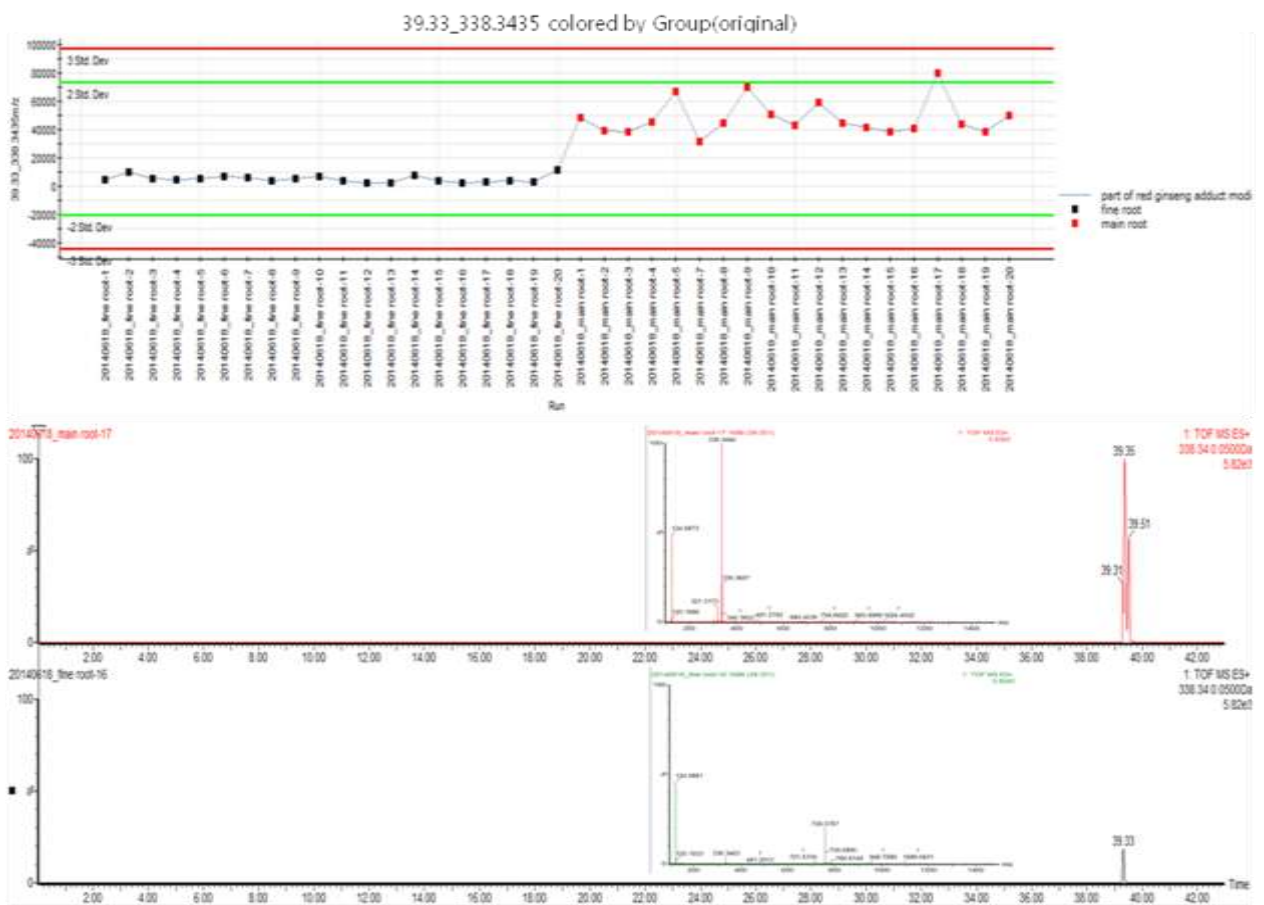Figure S11. Selected ion intensity trend plots & EIC for ion **k**

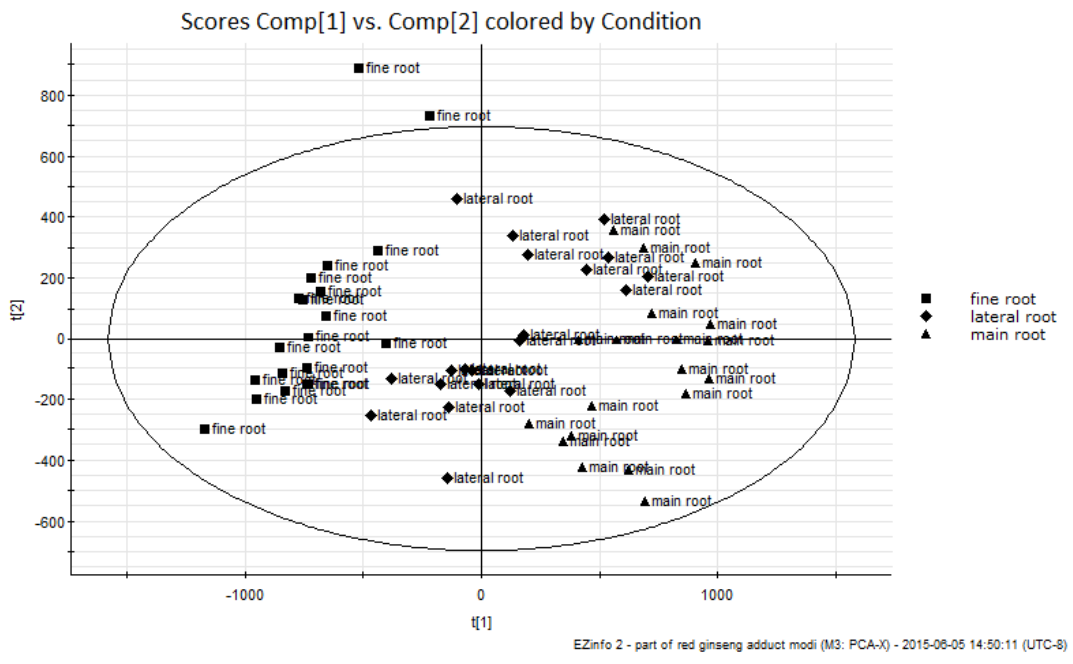Figure S12. Selected ion intensity trend plots & EIC for ion **1**

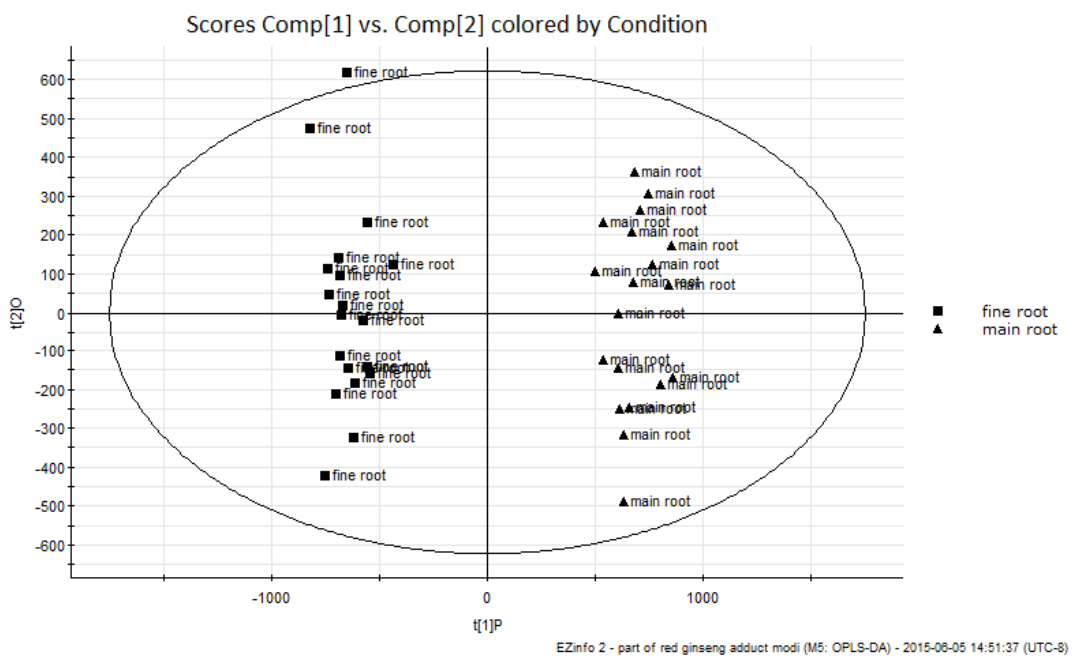Figure S13. PCA score plot (main root, lateral root, and fine root)

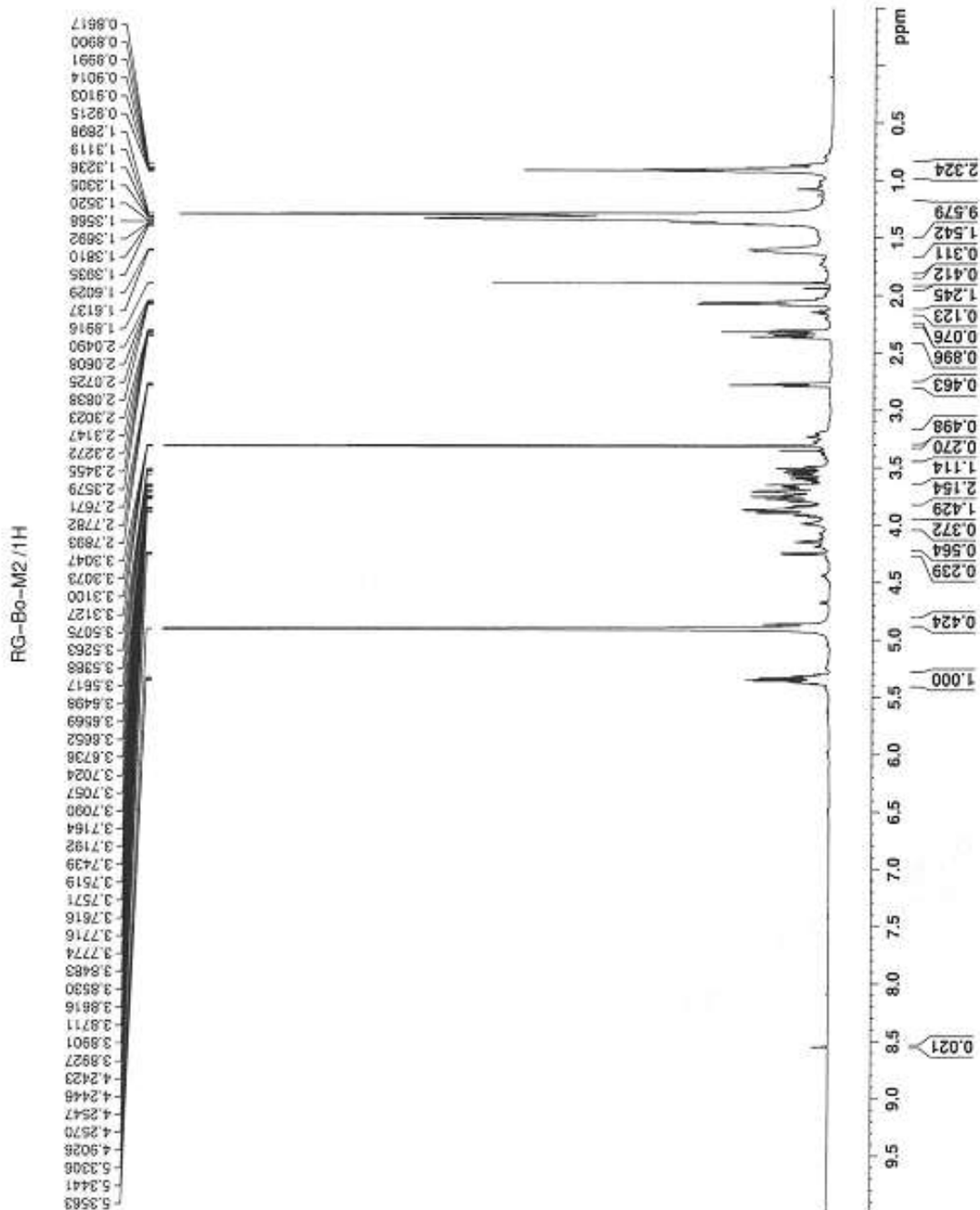Figure S14. OPLS-DA score plot (main root and fine root)

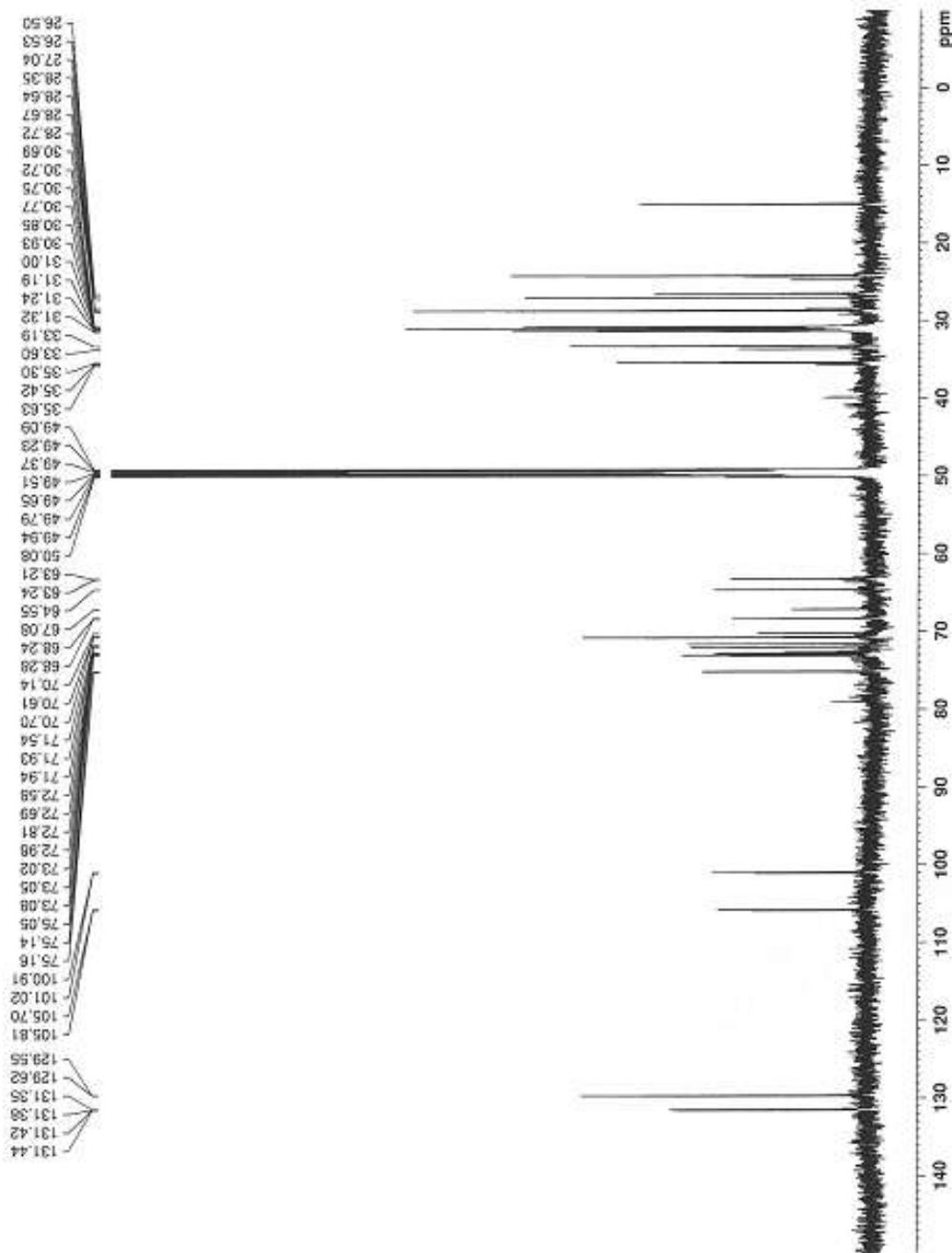Figure S15. The ¹H NMR spectrum of compound **1** (ion **g**)

Figure S16. The ¹³C NMR spectrum of compound **1** (ion **g**)