

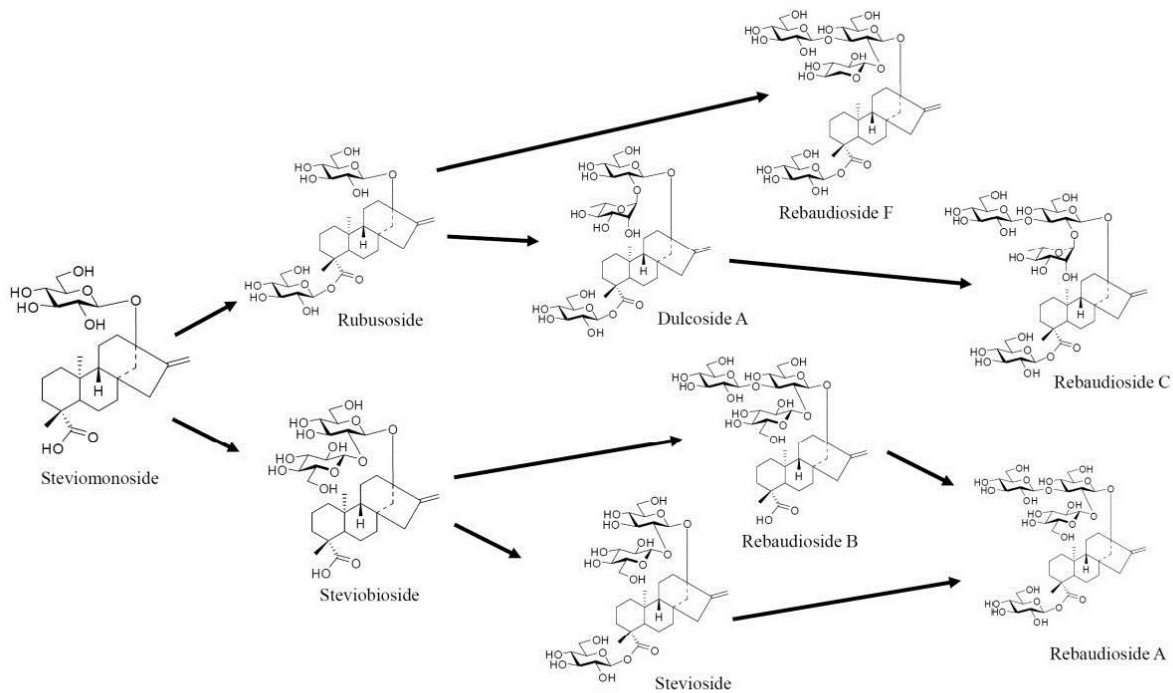


Figure 1

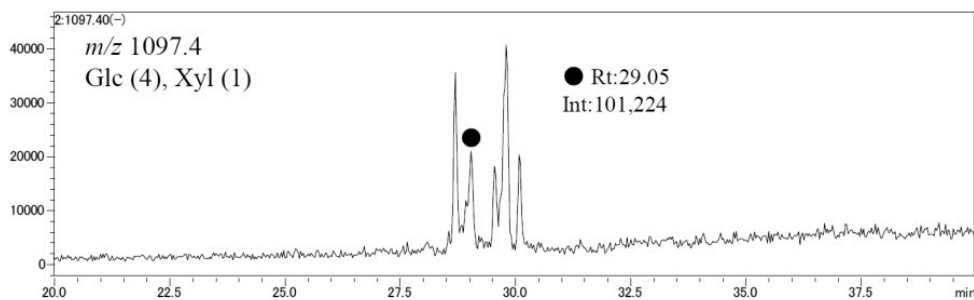


Figure 2: Selected ion chromatogram of Novel stevia plant (Cultivar A) at m/z 1097.4

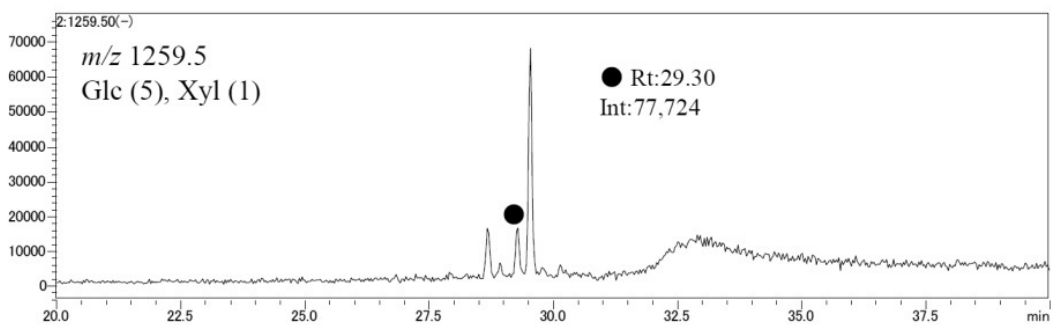


Figure 3: Selected ion chromatogram of Novel stevia plant (Cultivar A) at m/z 1259.5

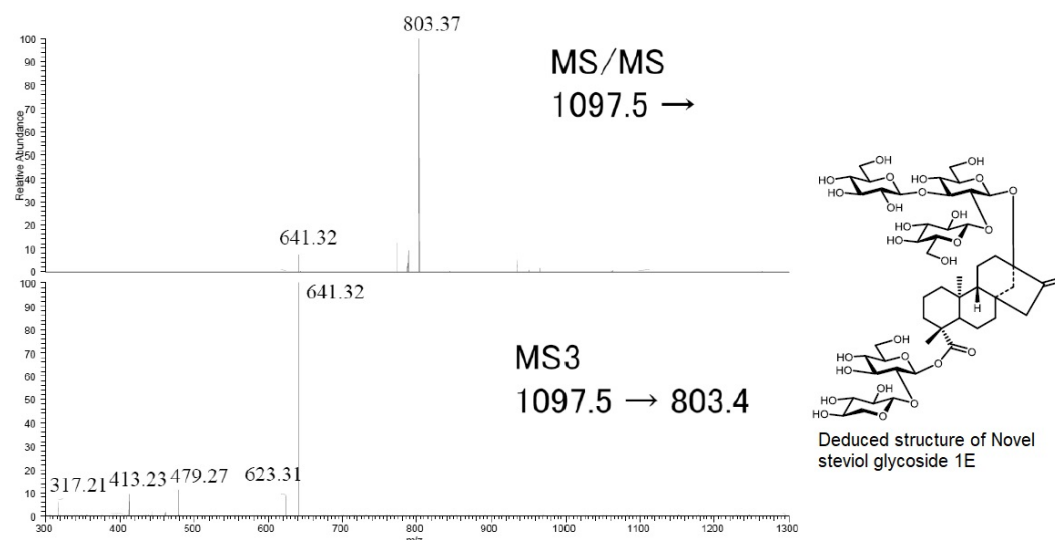


Figure 4: MS/MS and MS³-fragmented mass spectra of Novel steviol glycoside 1E (corresponding to m/z 1097.4, Rt: 29.05)

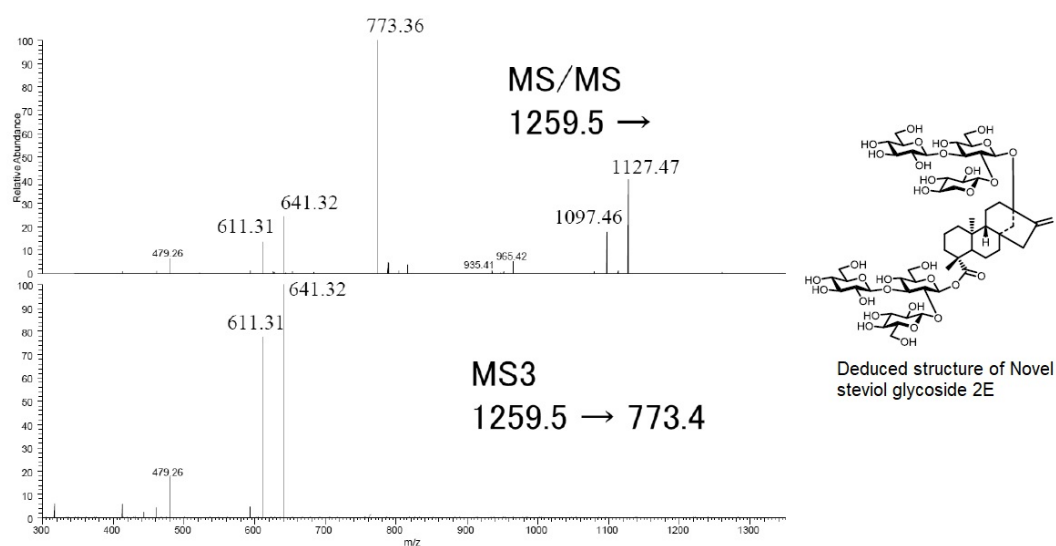


Figure 5: MS/MS and MS³-fragmented mass spectra of Novel steviol glycoside 2E (corresponding to m/z 1259.5, Rt: 29.68)



D-181121-13C_Carbon-1-1.jdf
 single pulse decoupled gated NOE
 2018-11-21 20:01:45
 13C
 carbon.jcp
 100.53 MHz
 5.35 kHz
 5.86 Hz
 32767
 31407.04 Hz
 1024
 1.0433 sec
 2.0000 sec
 3.50 usec
 1H
 21.7 °C
 C5DSN
 150.35 ppm
 0.12 Hz
 50

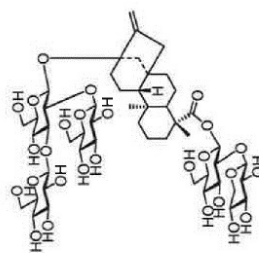
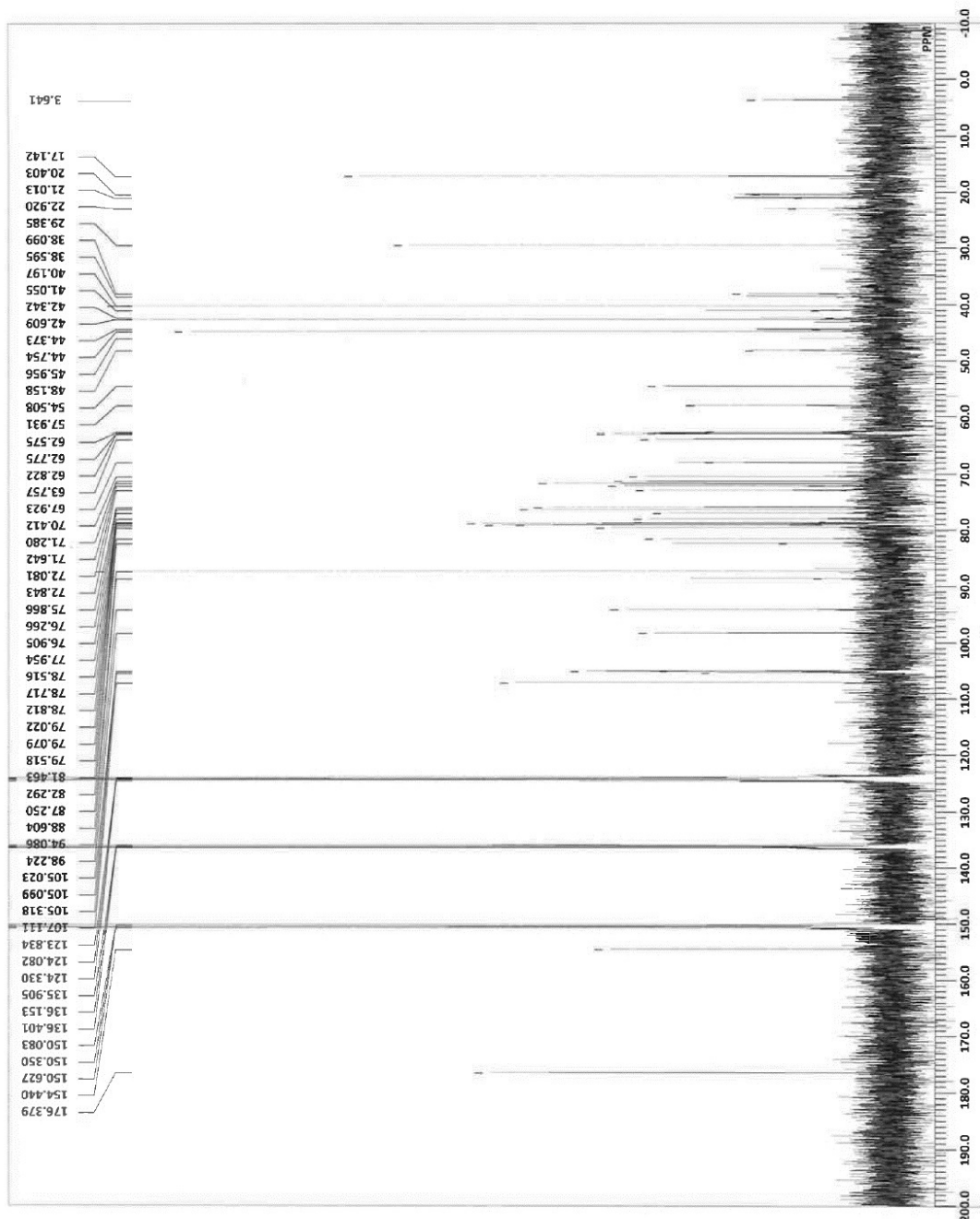
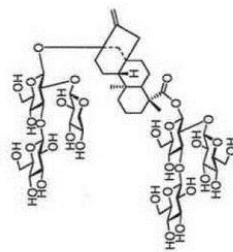
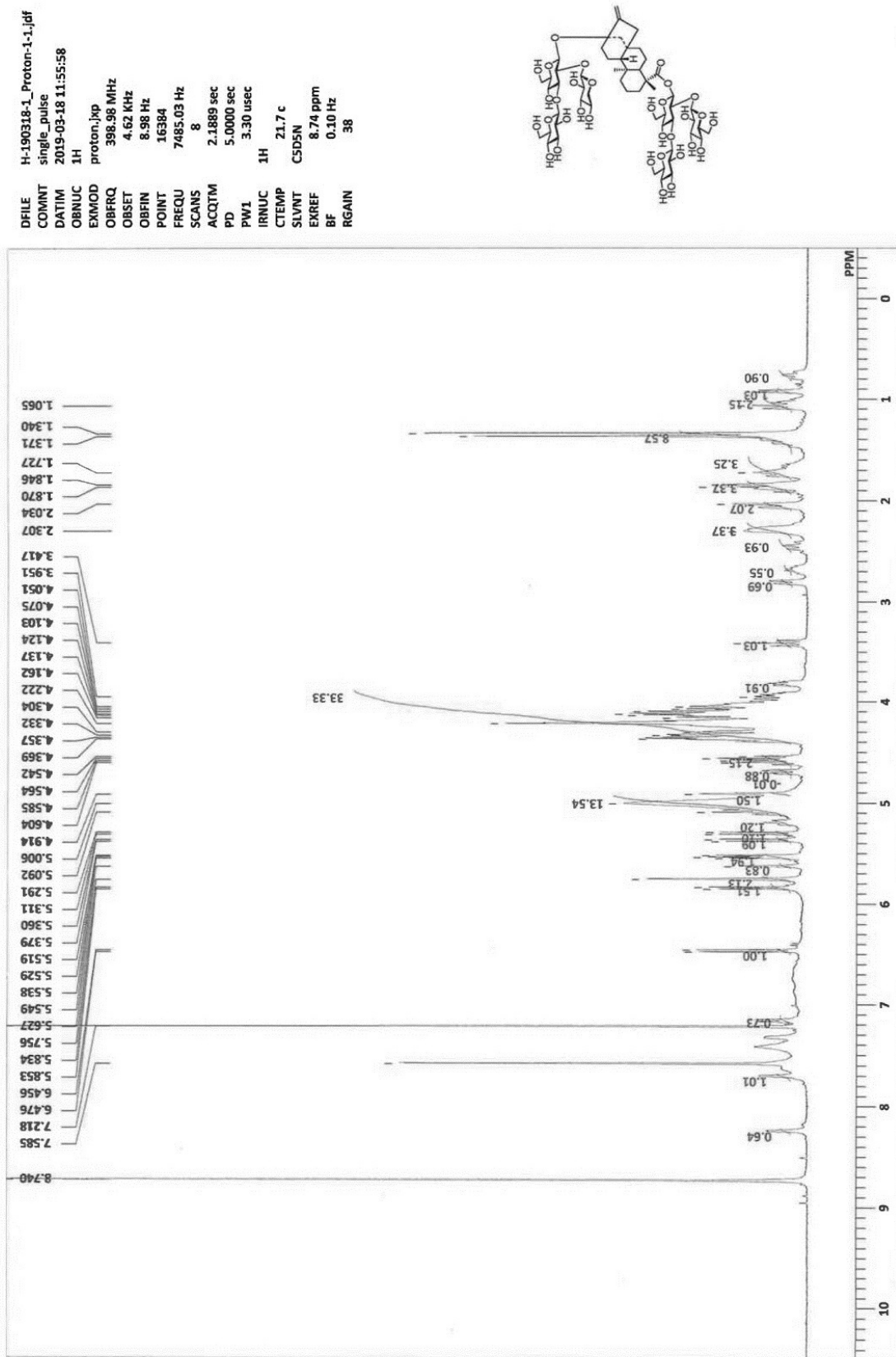
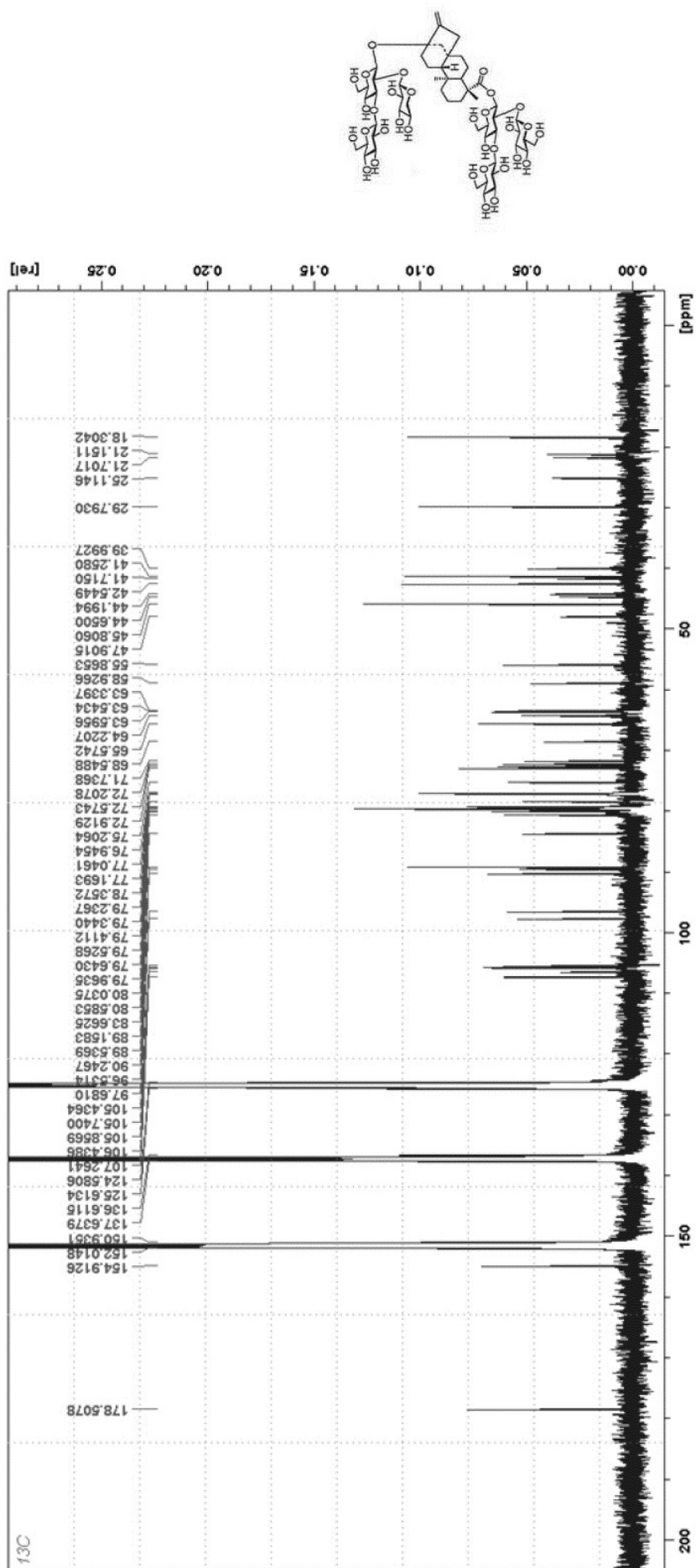


Figure 7: ^{13}C -NMR spectrum of Compound 15 (100 MHz, Pyr-d5)

Figure 8: ¹H-NMR spectrum of Compound 17 (400 MHz, Pyr-d₅)

Figure 9: ^{13}C -NMR spectrum of Compound 17 (100 MHz, Pyr-d_5)

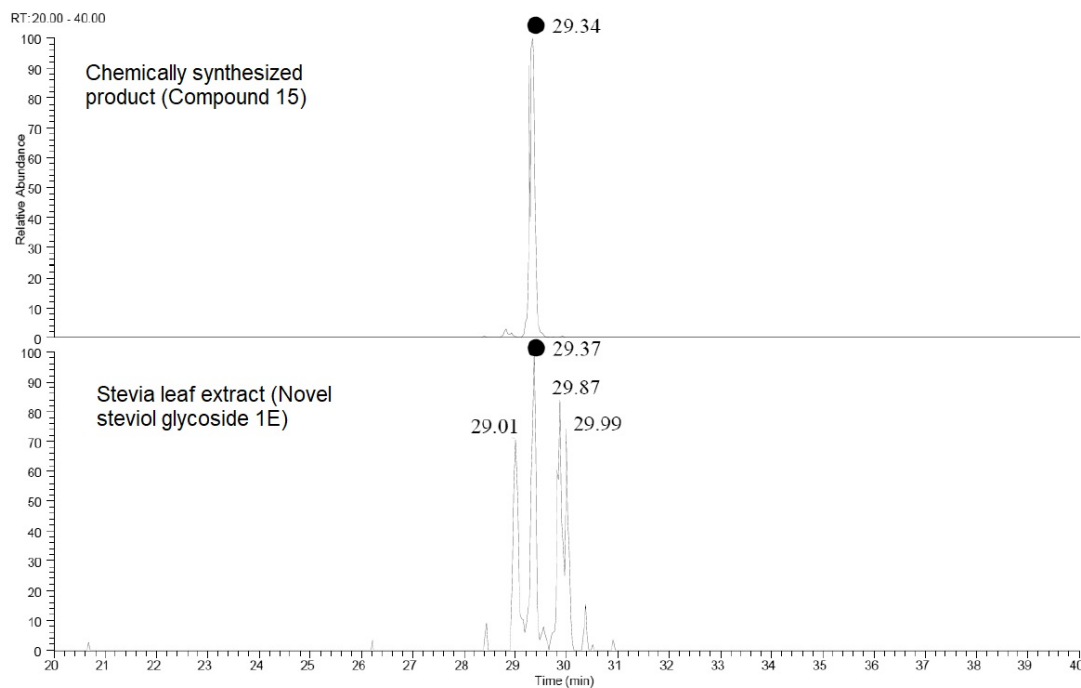


Figure 10: Extracted ion chromatograms of Novel steviol glycoside 1E (Stevia leaf extract) and chemically synthesized product (β -form of Compound 15)

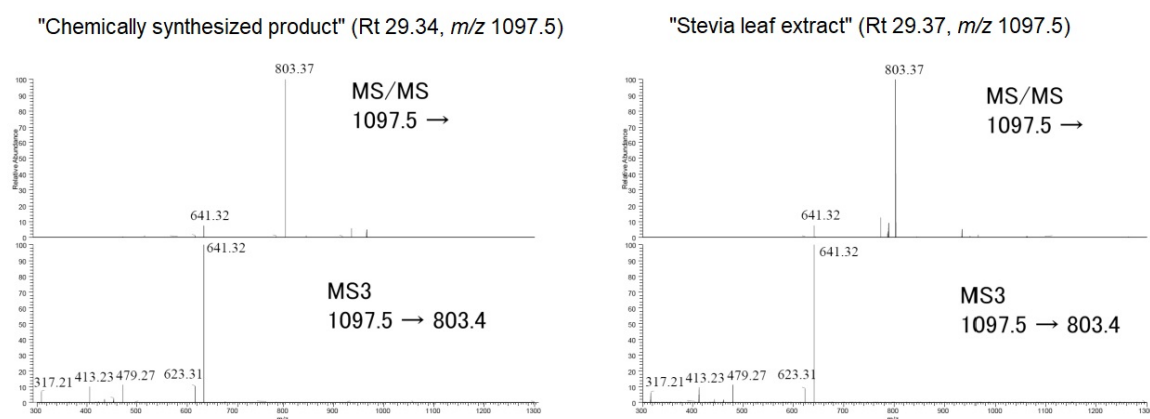


Figure 11: MS/MS and MS³-fragmented mass spectra of Novel steviol glycoside 1E (Stevia leaf extract) and chemically synthesized product (β -form of Compound 15)

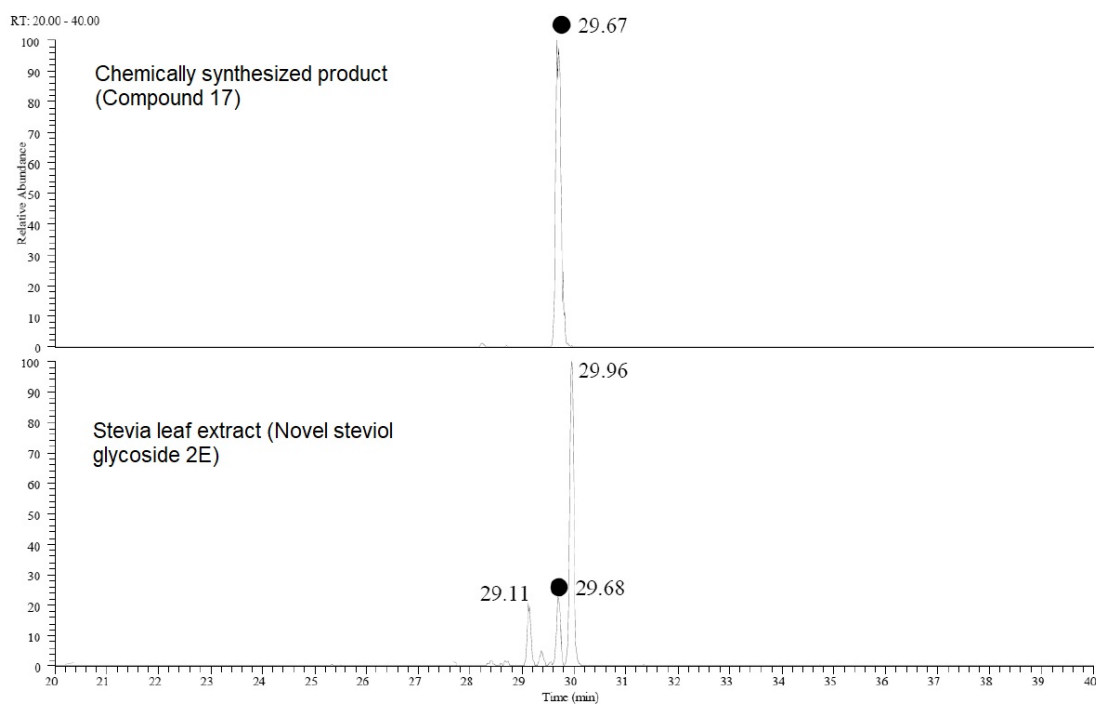


Figure 12: Extracted ion chromatograms of Novel steviol glycoside 2E (Stevia leaf extract) and chemically synthesized product (the β -form of Compound 17)

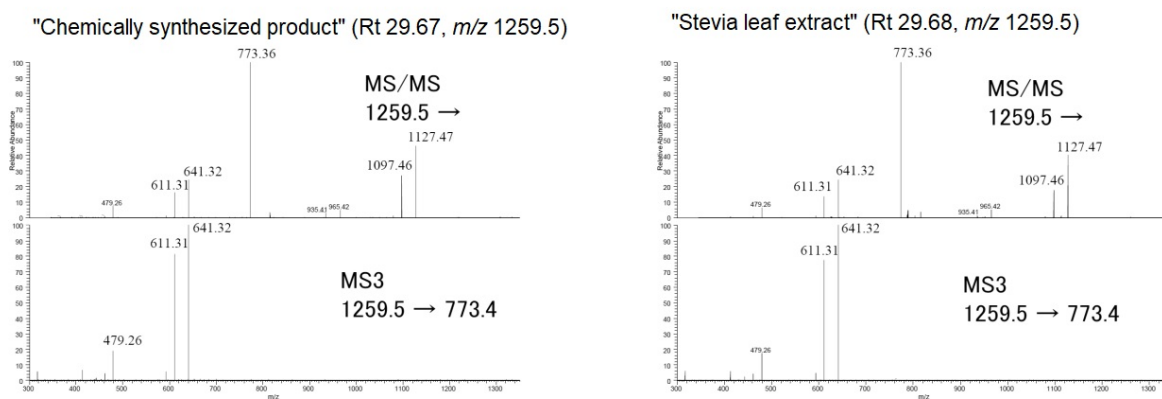


Figure 13: MS/MS and MS³-fragmented mass spectra of Novel steviol glycoside 2E (Stevia leaf extract) and chemically synthesized product (β -form of Compound 17)

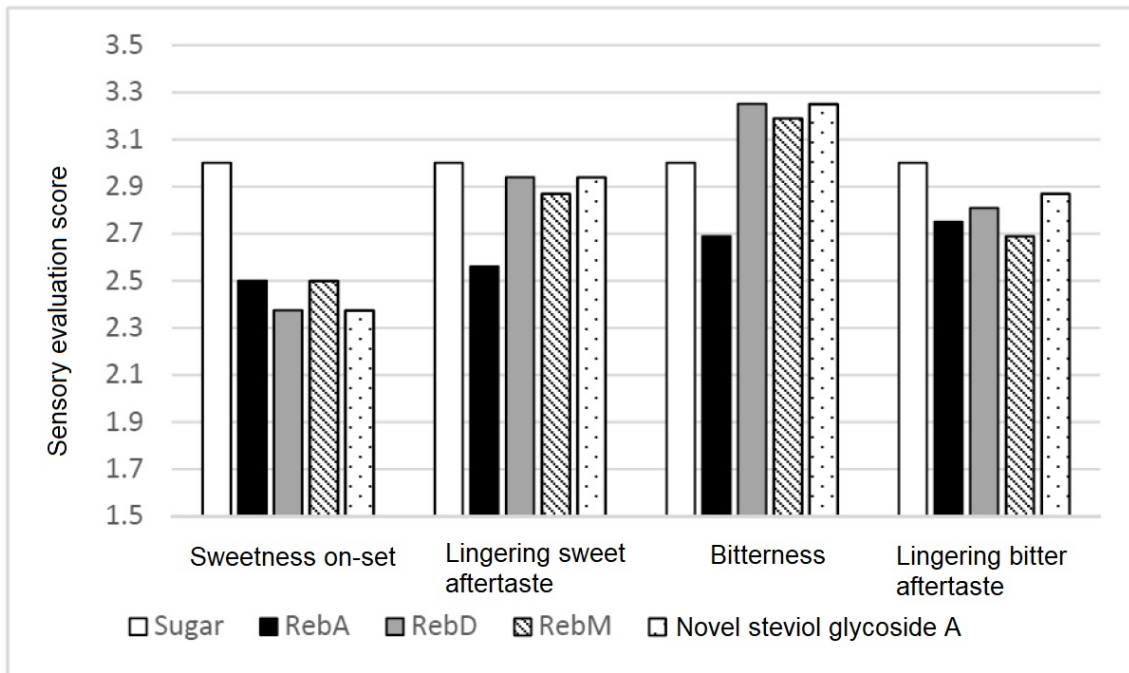


Figure 14: Results of sensory evaluations relative to Novel steviol glycoside A

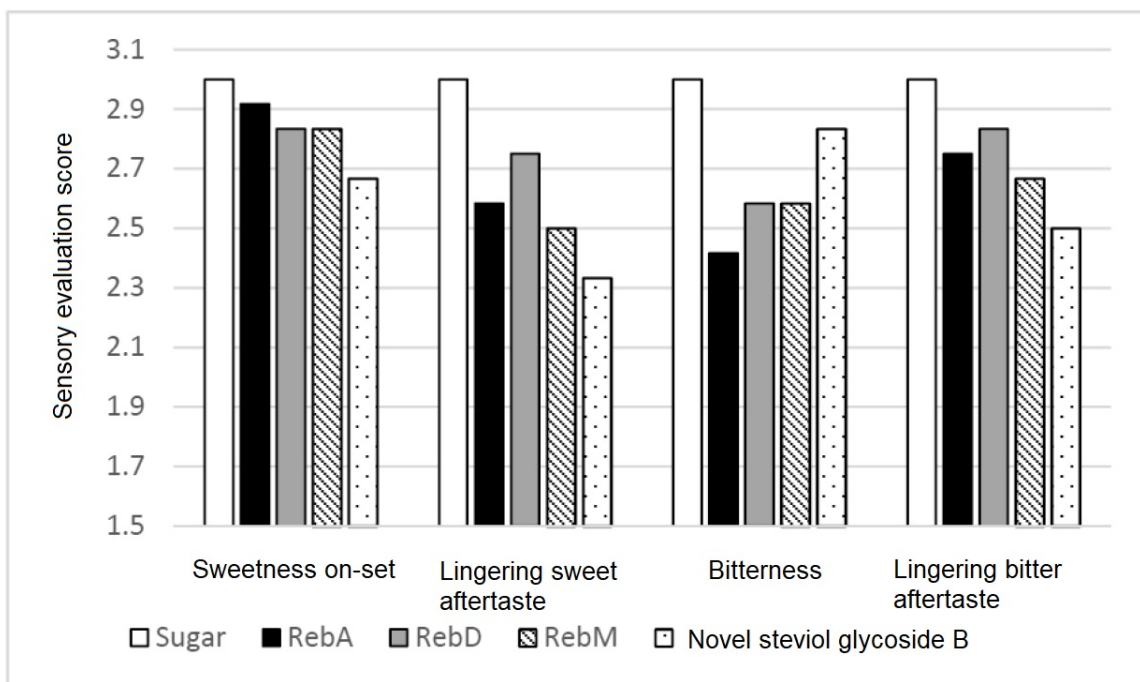


Figure 15: Results of sensory evaluations relative to Novel steviol glycoside B

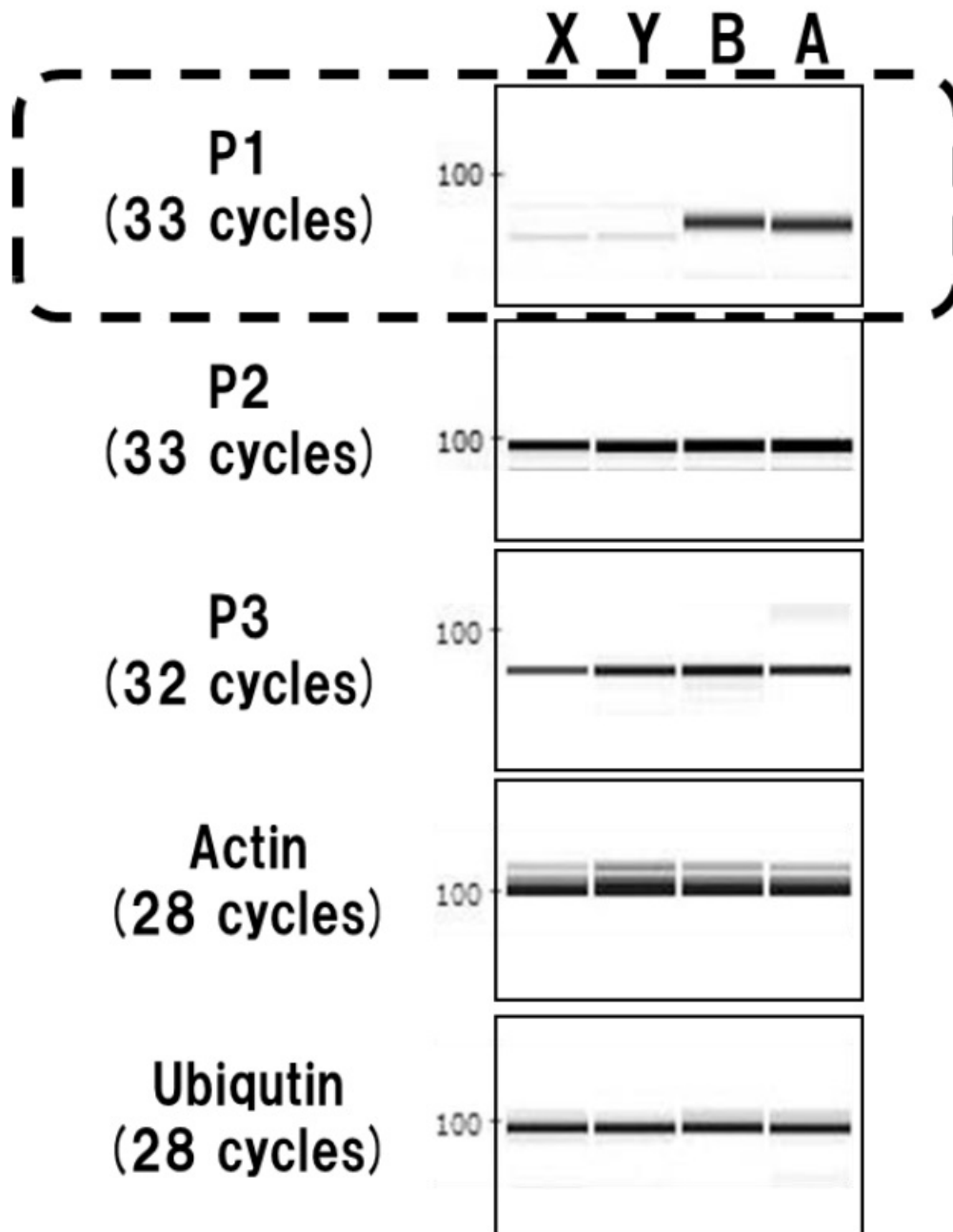


Figure 16: Results of expression analysis