

Supplementary Materials

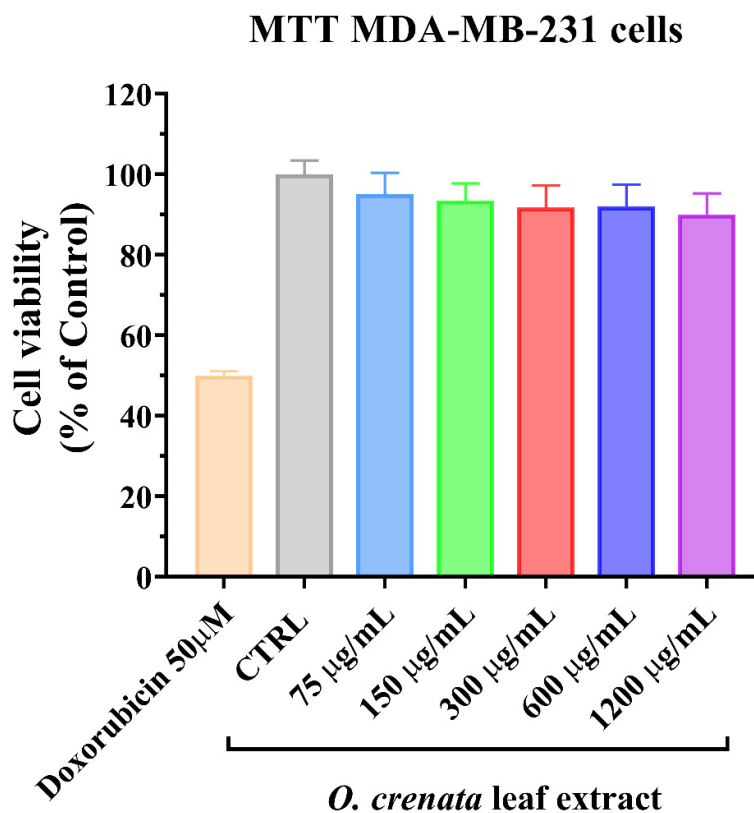


Figure S1. Cell viability of MDA-MB-231 cells untreated (control; CTRL) and treated for 24 h with increasing concentrations (from 75 to 1200 µg/mL) of *O. crenata* leaf extract. Experiments were performed using Doxorubicin as standard cytotoxic compound. The IC₅₀ of the standard agent was 50±1.1µM. Values are the mean ± SD of four experiments in triplicate.

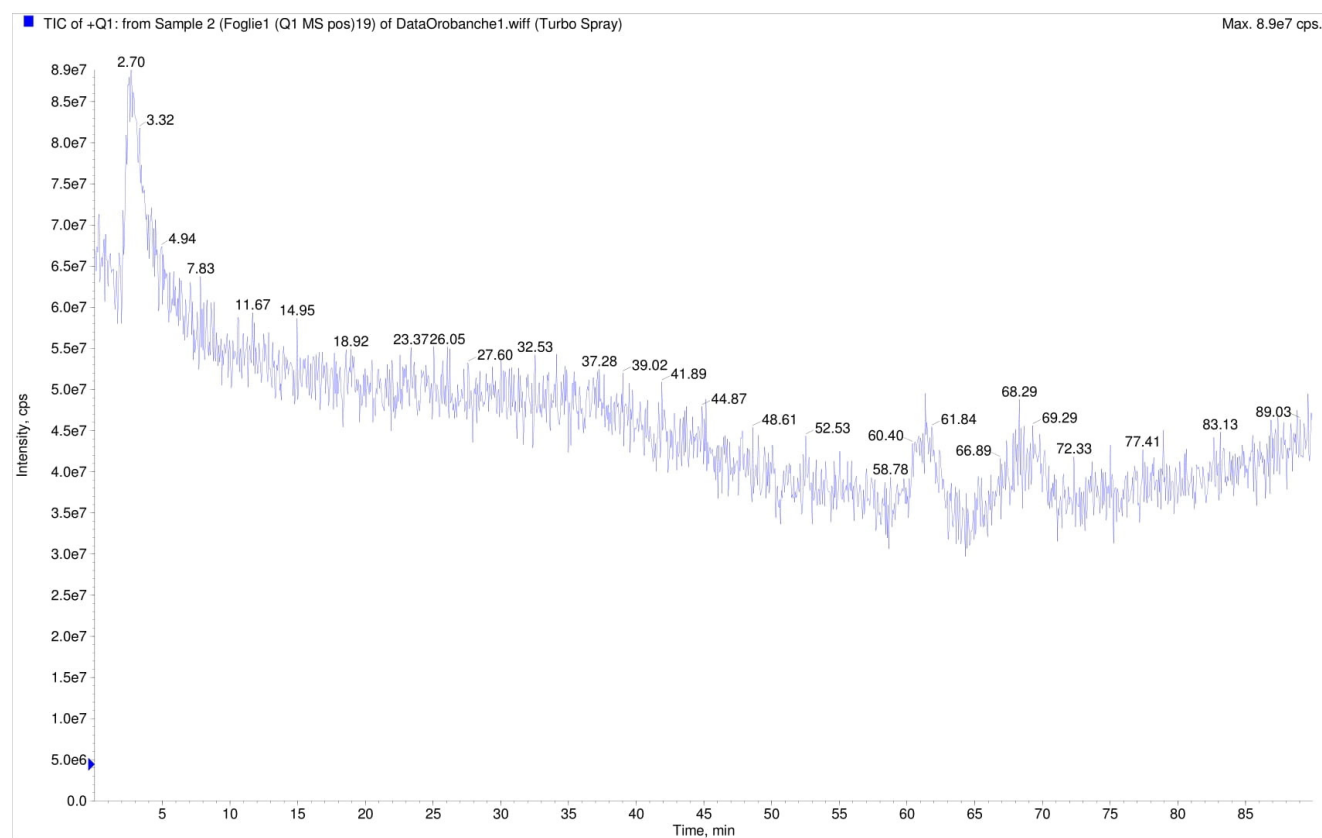


Figure S2. Mass spectrum of *Orobancha crenata* leaf extract (positive polarity – Q1 mode). In x-axis is reported the retention time (min).

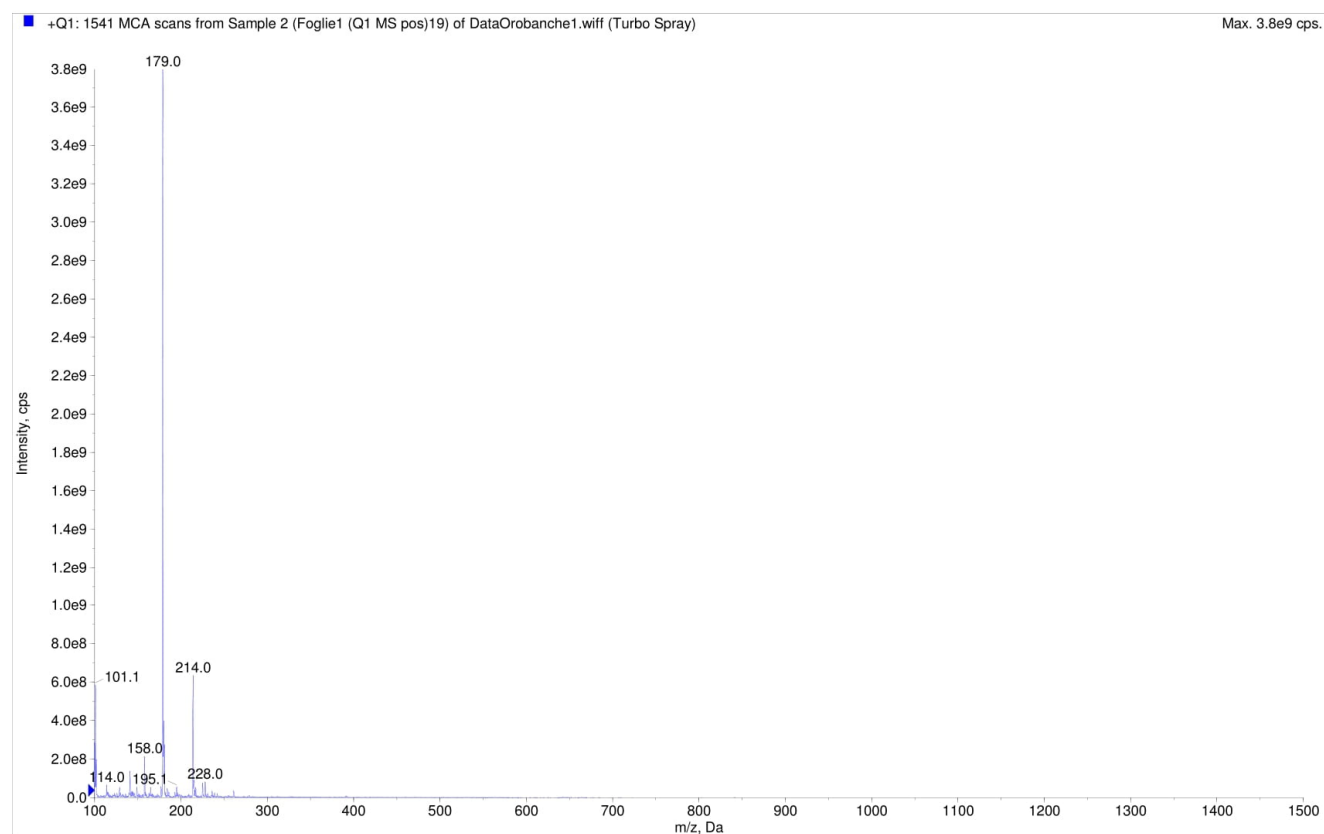


Figure S3. Mass spectrum of *Orobanchae1.wiff* leaf extract (positive polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 100 to 1500 Da.

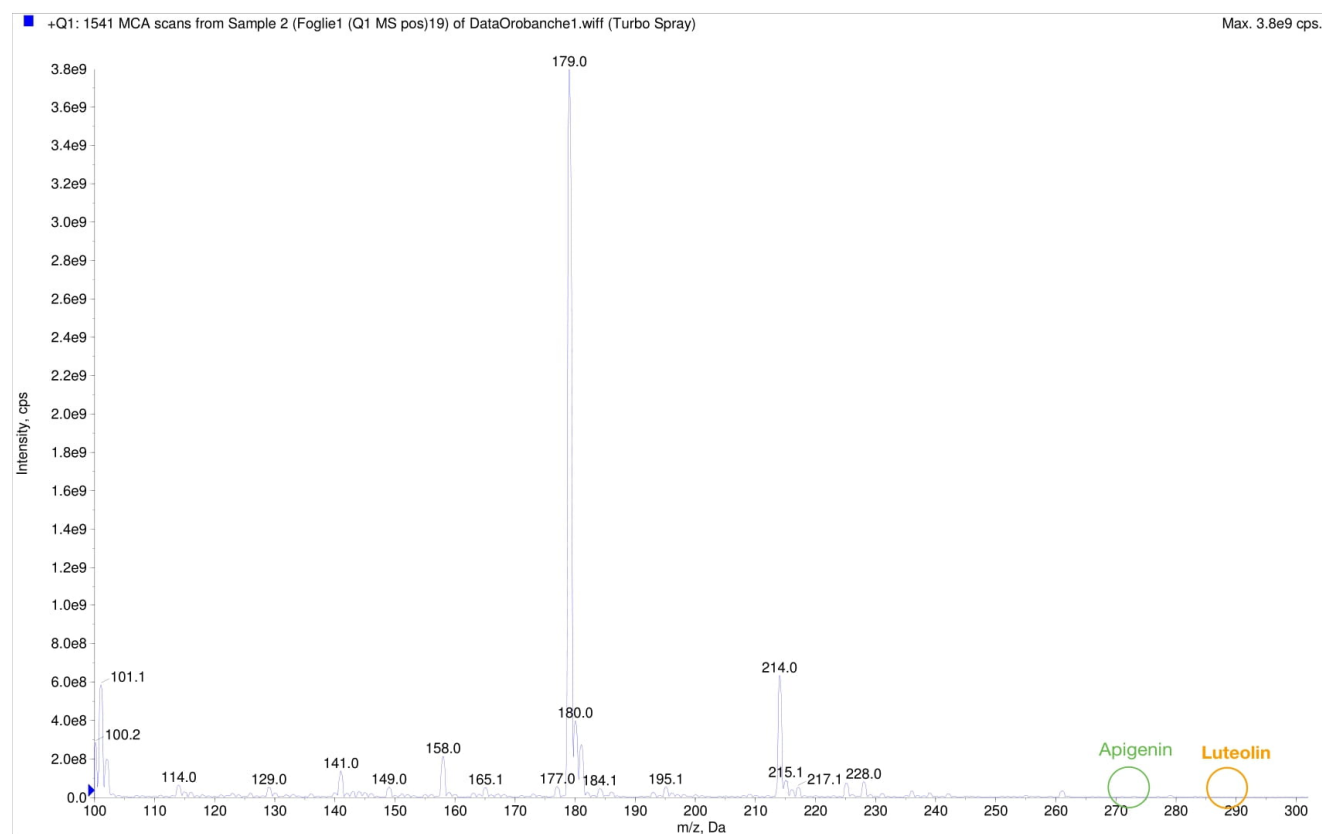


Figure S4. Mass spectrum of *Orobanche crenata* leaf extract (positive polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 100 to 300 Da.

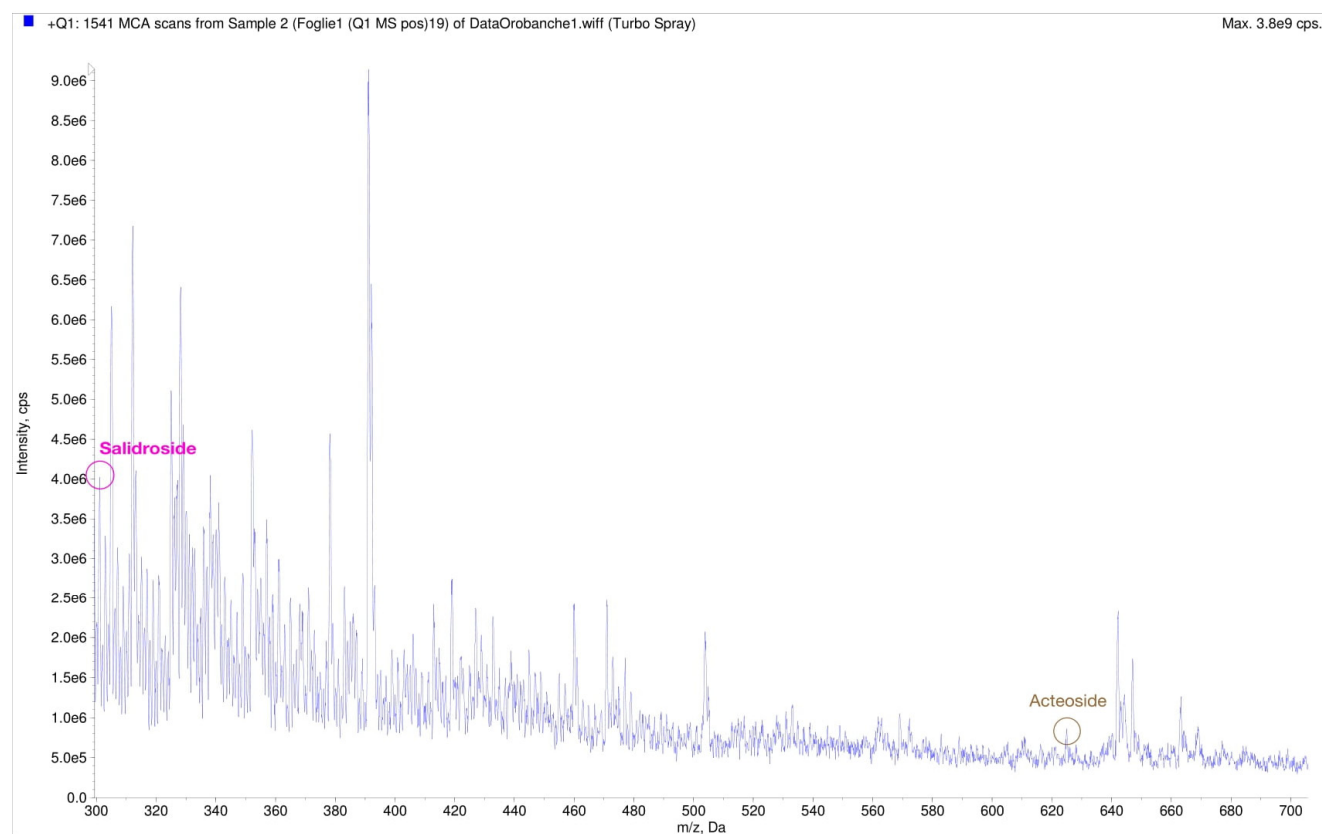


Figure S5. Mass spectrum of *Orobanchia crenata* leaf extract (positive polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 300 to 700 Da.

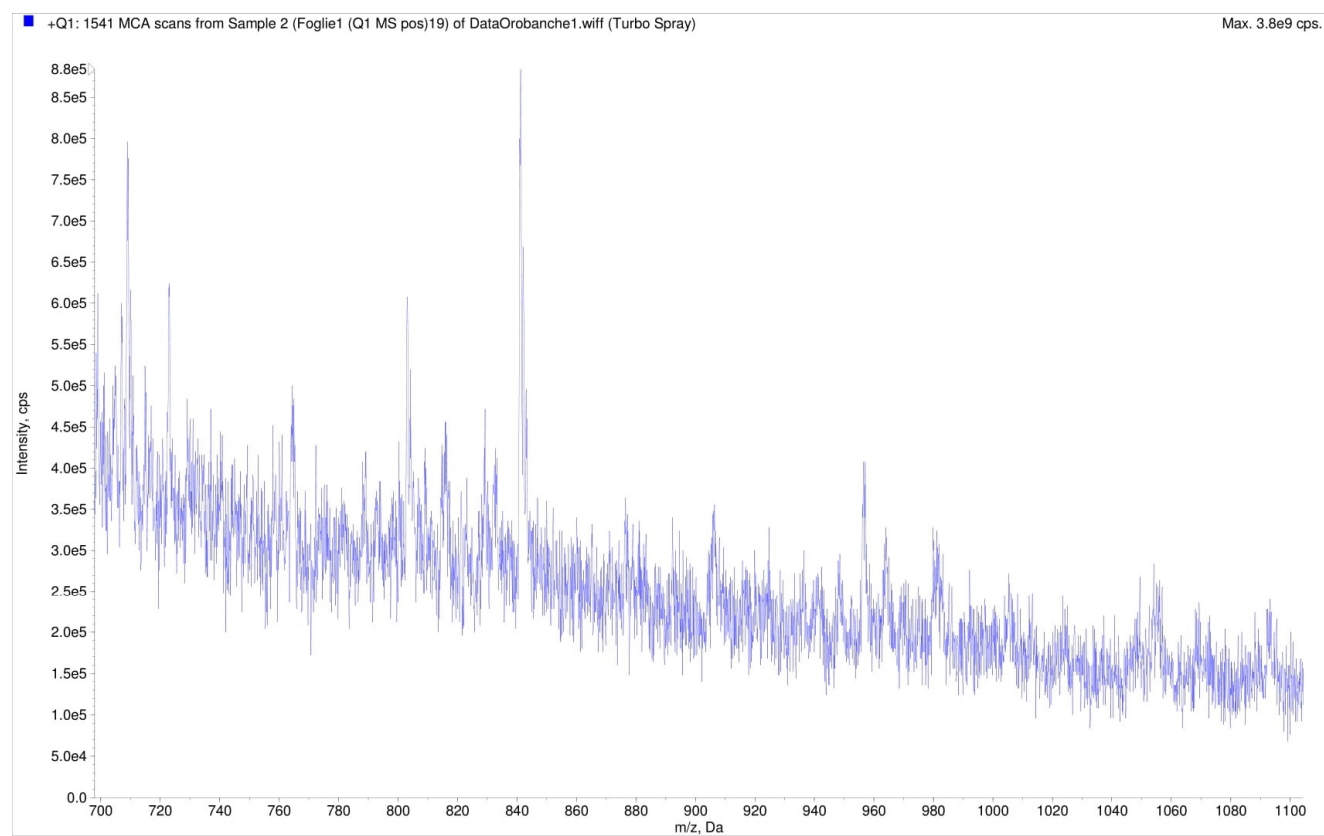


Figure S6. Mass spectrum of *Orobanchae crenata* leaf extract (positive polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 700 to 1100 Da.

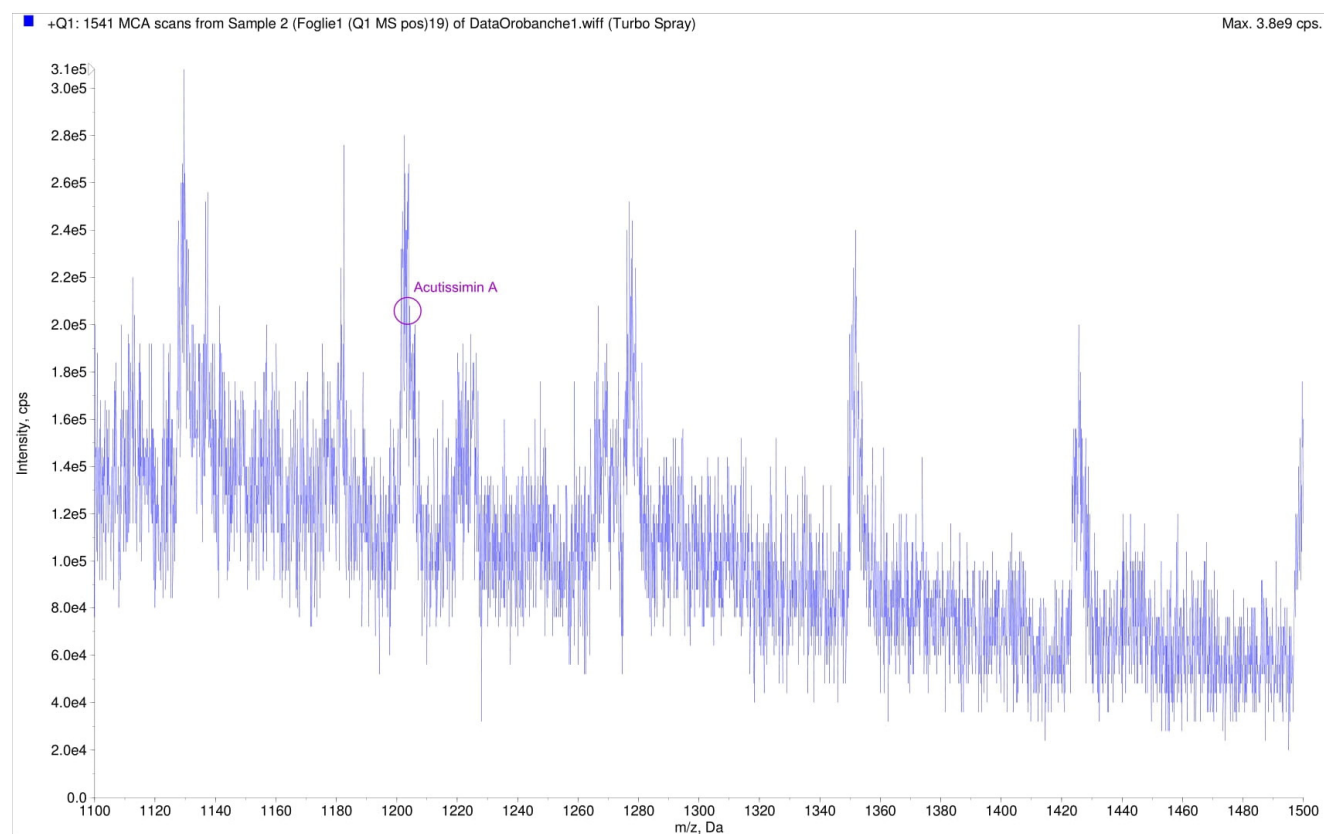


Figure S7. Mass spectrum of *Orobanch crenata* leaf extract (positive polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 1100 to 1500 Da.

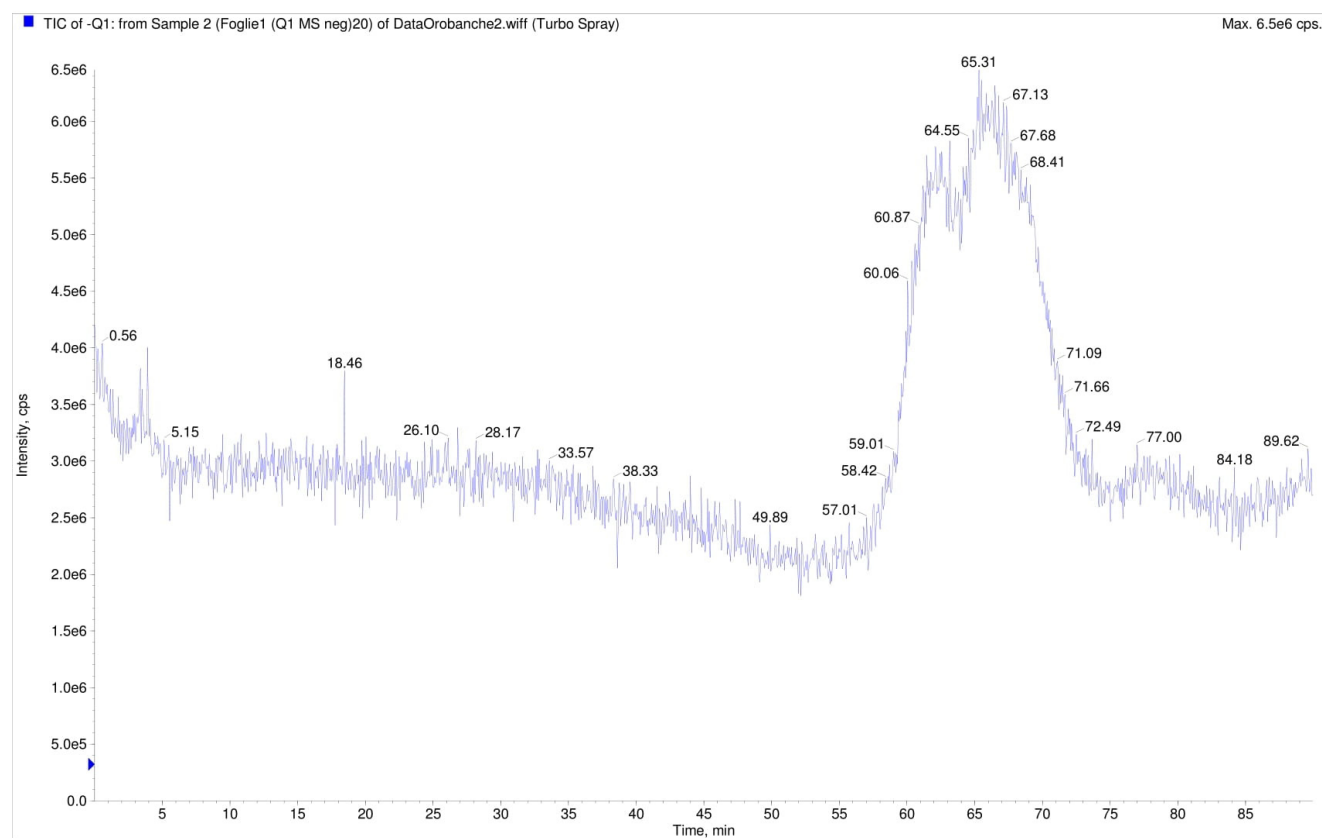


Figure S8. Mass spectrum of *Orobancha crenata* leaf extract (negative polarity – Q1 mode). In x-axis is reported the retention time (min).

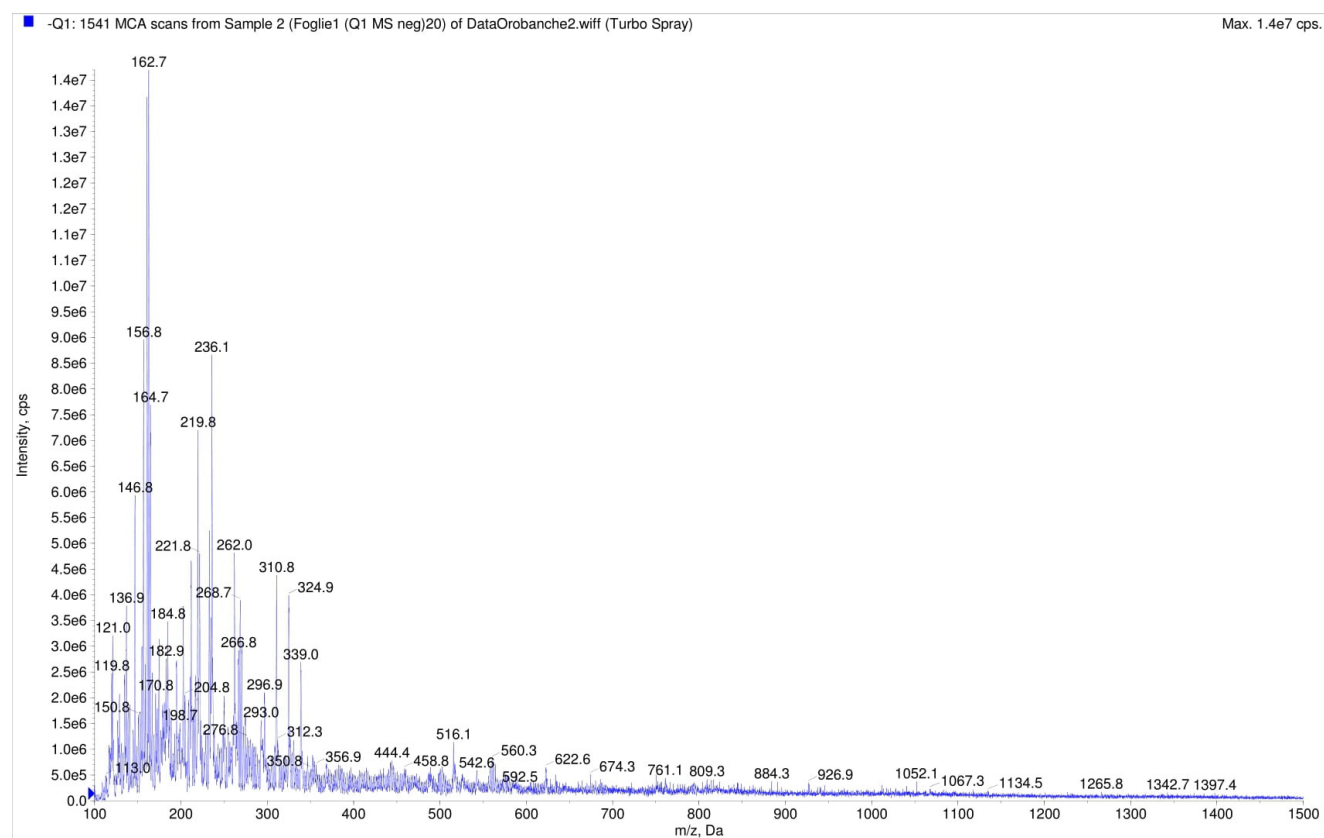


Figure S9. Mass spectrum of *Orobanche crenata* leaf extract (negative polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 100 to 1500 Da.

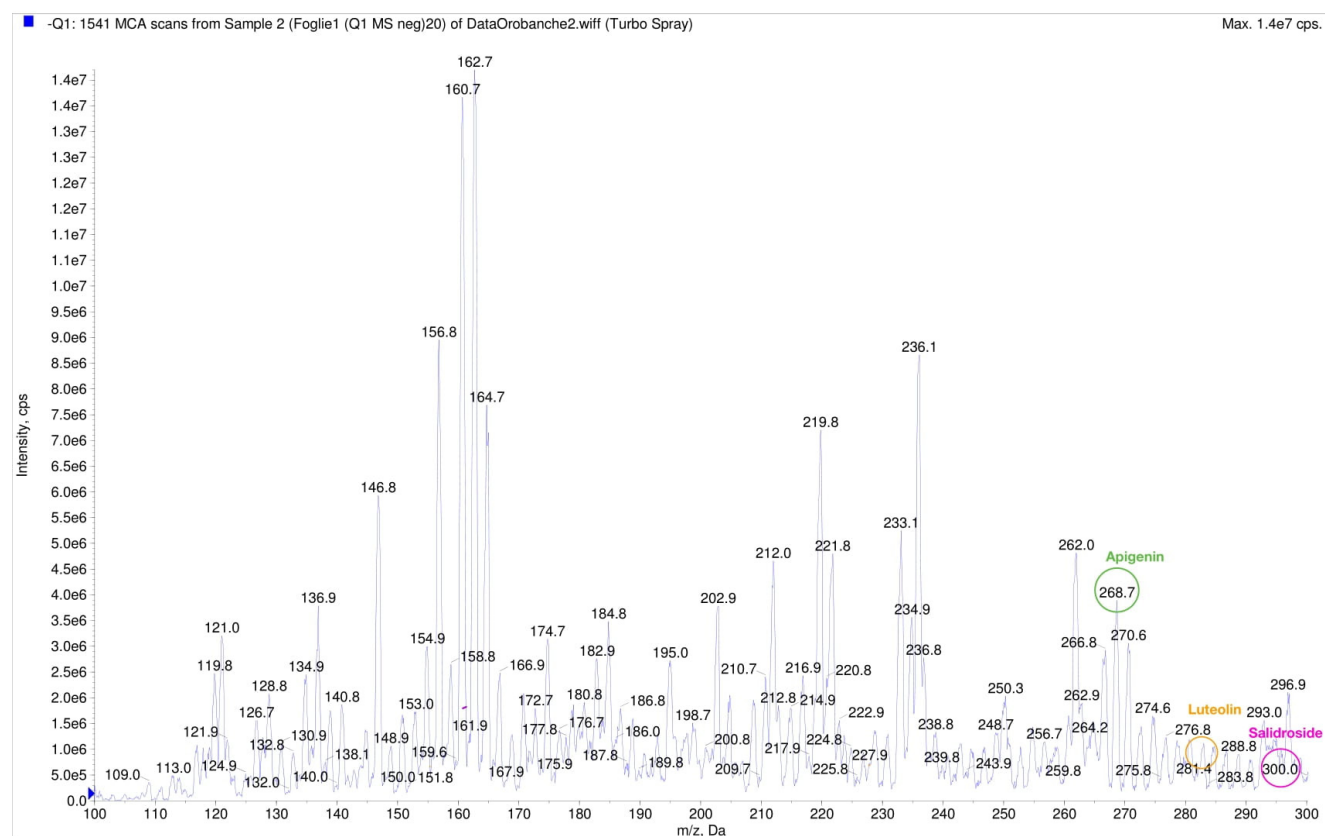


Figure S10. Mass spectrum of *Orobanch crenata* leaf extract (negative polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 100 to 300 Da.

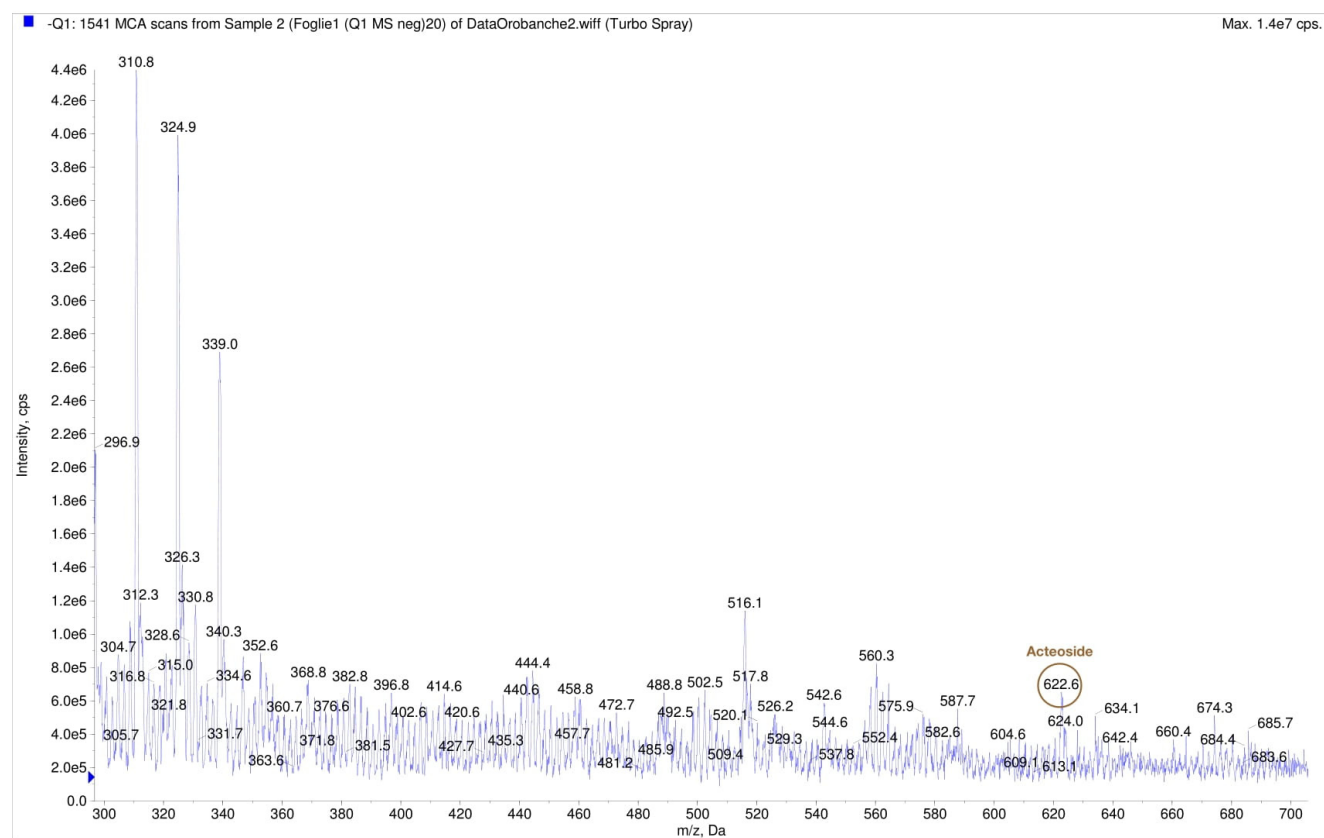


Figure S11. Mass spectrum of *Orobanch crenata* leaf extract (negative polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 300 to 700 Da.

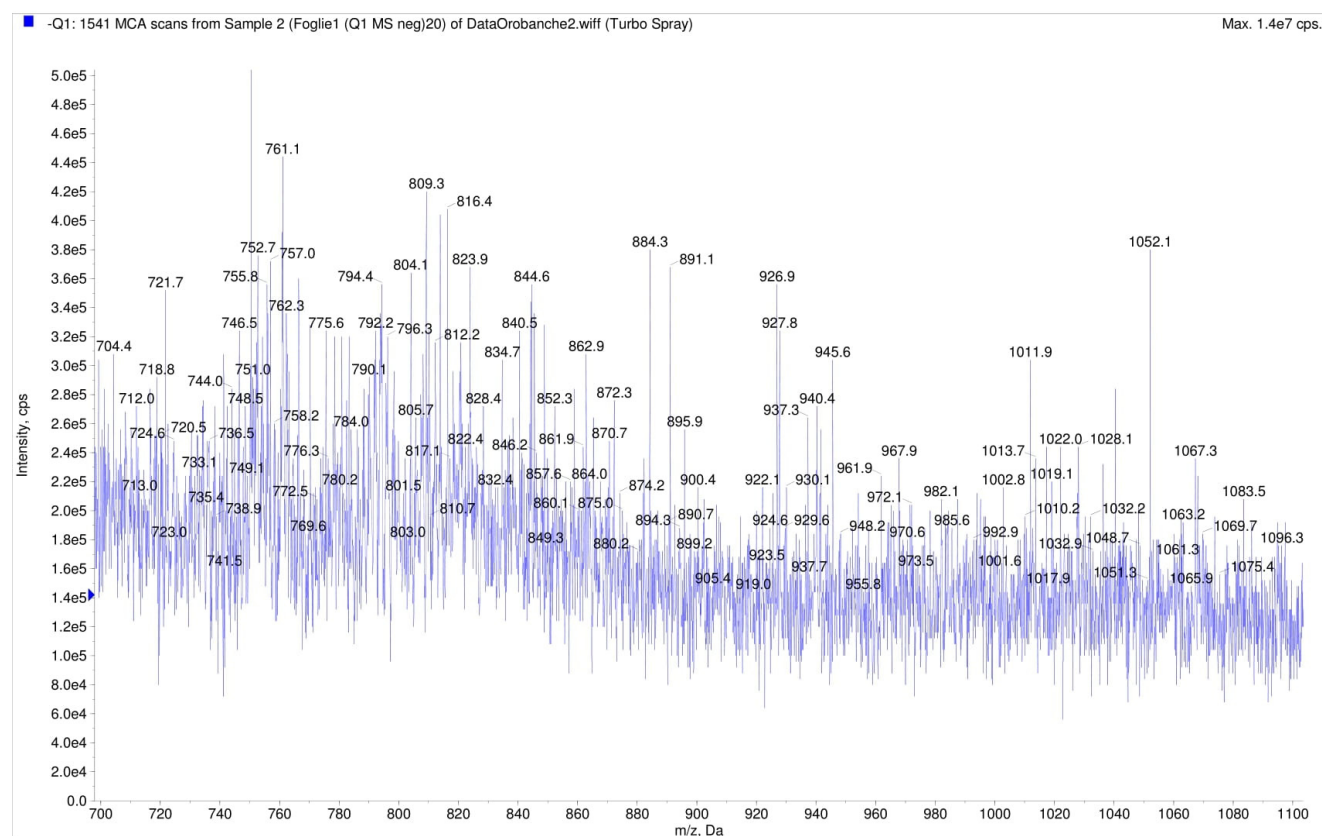


Figure S12. Mass spectrum of *Orobanch crenata* leaf extract (negative polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 700 to 1100 Da.

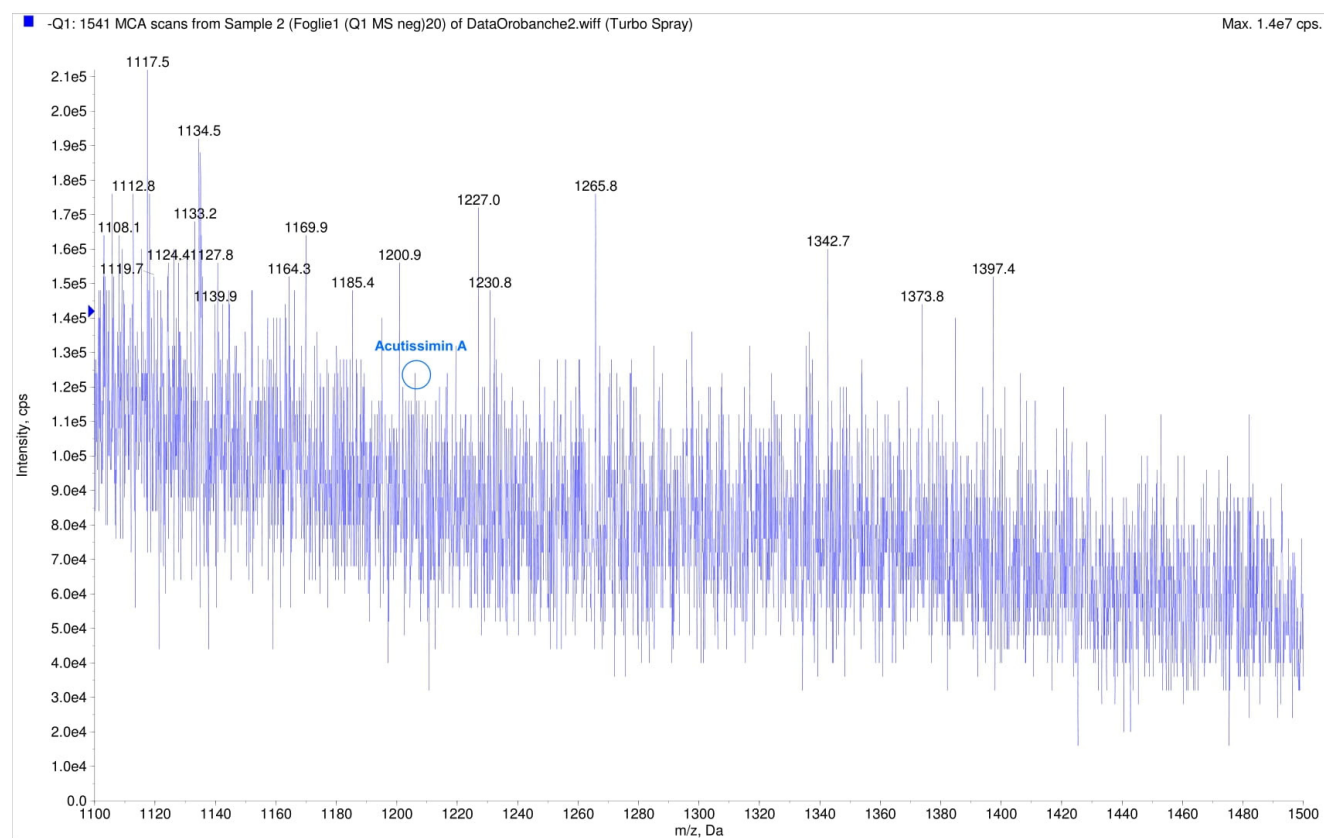


Figure S13. Mass spectrum of *Orobanch crenata* leaf extract (negative polarity – Q1 mode). In x-axis is reported the mass-to-charge ratio (m/z) from 1100 to 1500 Da.