

Figure S1. The multi reaction monitoring peak graphs of TQ, TS, TV, and TM.

TQ: *T. quinquecostatus*, TS: *T. serpyllum*, TM: *T. marschallianus*, TV: *T. vulgaris*.

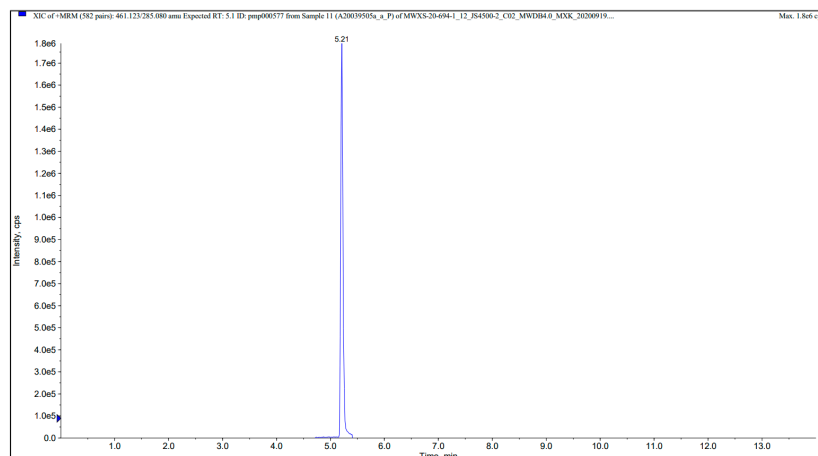


Figure S2. XIC of acacetin-7-O-glucuronide.

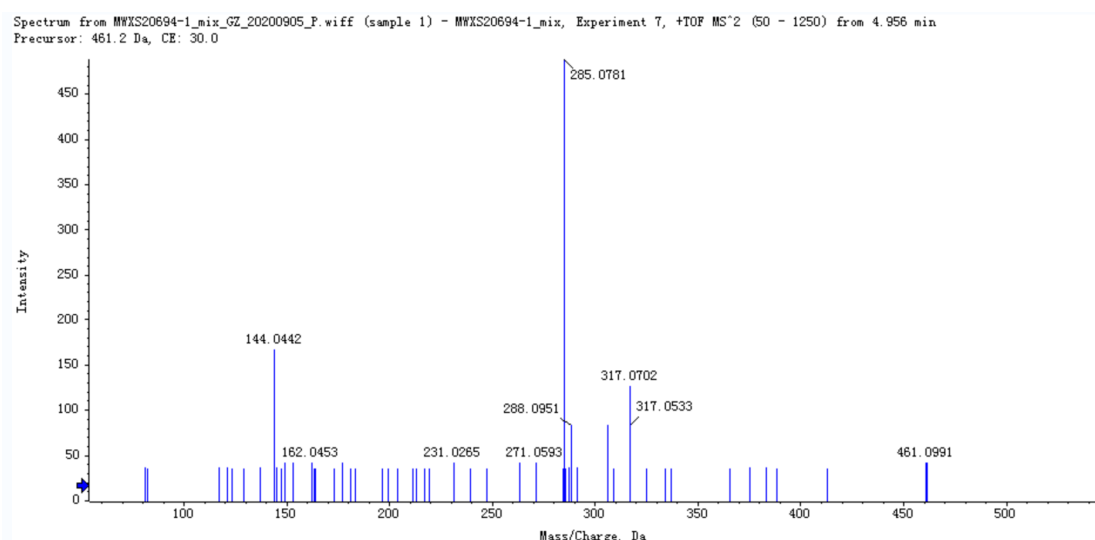


Figure S3. EPI spectrum of acacetin-7-O-glucuronide.

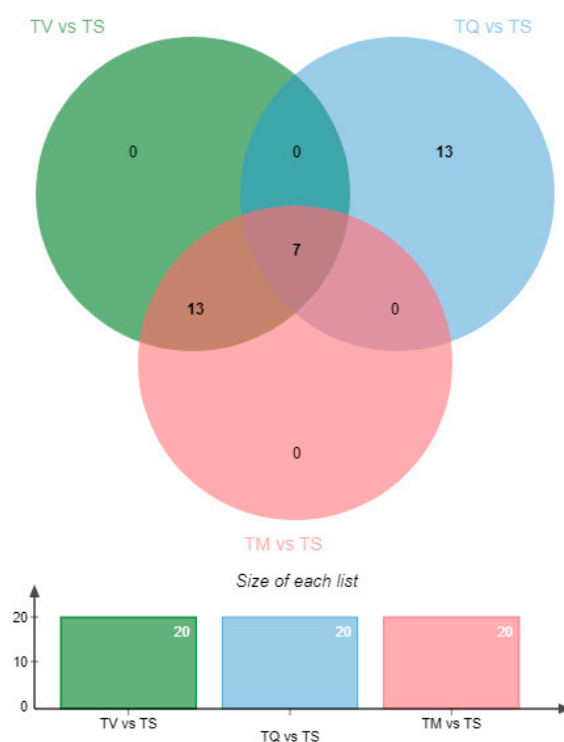


Figure S4. Venn graph for TOP 20 DAMs ($FC > 2$ and OPLS-DA VIP value < 1) from the pairwise comparisons between TV vs TS, TQ vs TS, and TM vs TS.

TQ: *T. quinquecostatus*, TS: *T. serpyllum*, TM: *T. marschallianus*, TV: *T. vulgaris*.