

Table S1. multiple reaction monitoring (MRM) mode parameter settings

Compounds	Mass(amu)	Q1 m/z	Q3 m/z	Collision energy(V)
CBD	314	315.2383	193.1228	30
CBN	310	311.2017	223.1117	27
THC	314	315.2374	193.1236	30

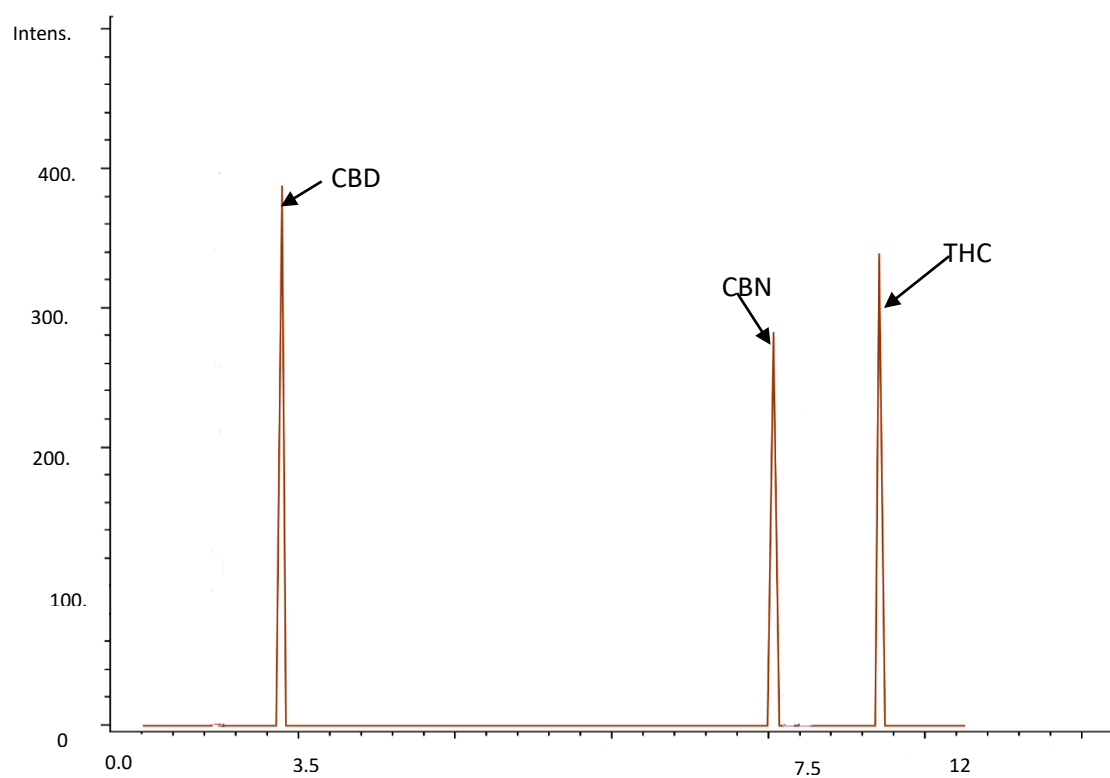


Figure S1 chromatogram of standard mixture of cannabinoid compounds

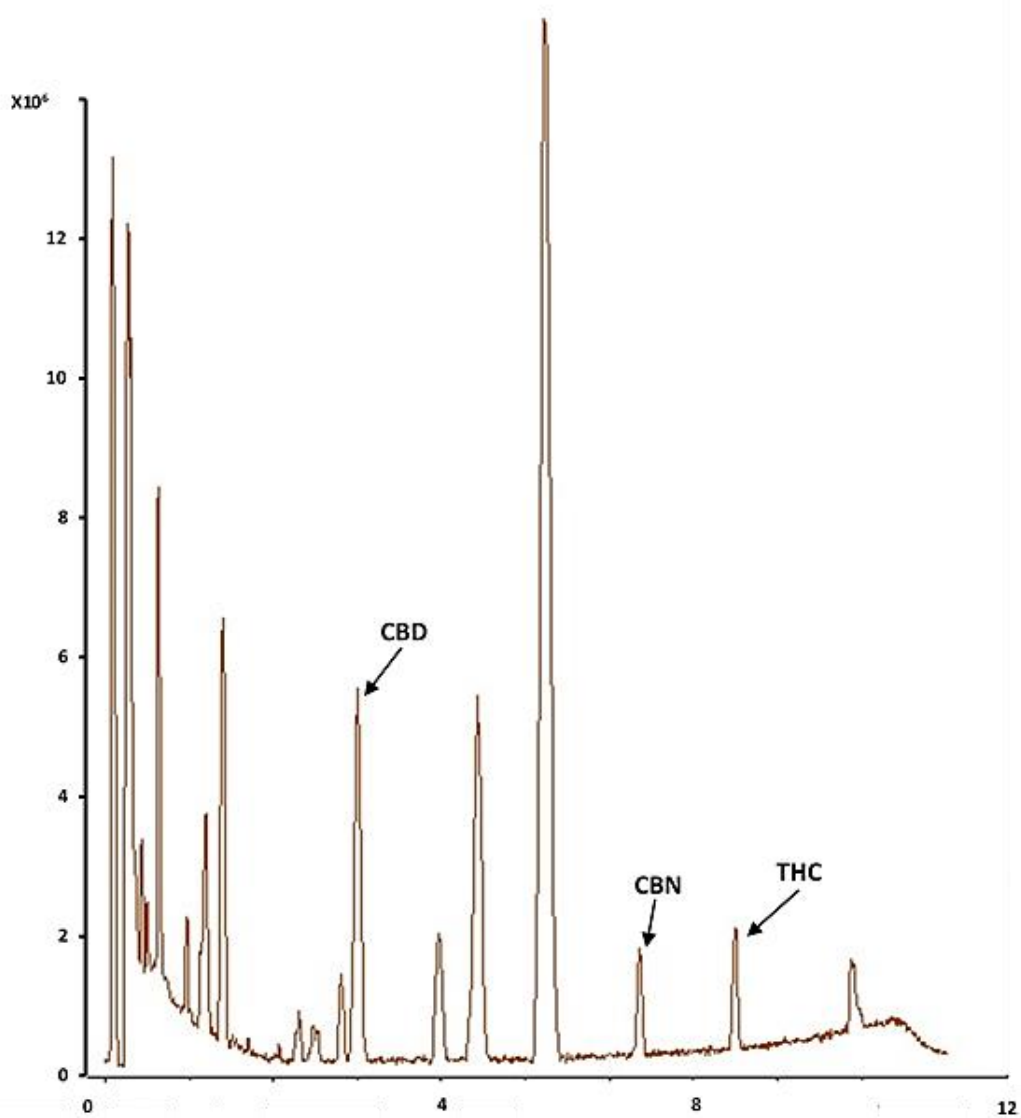
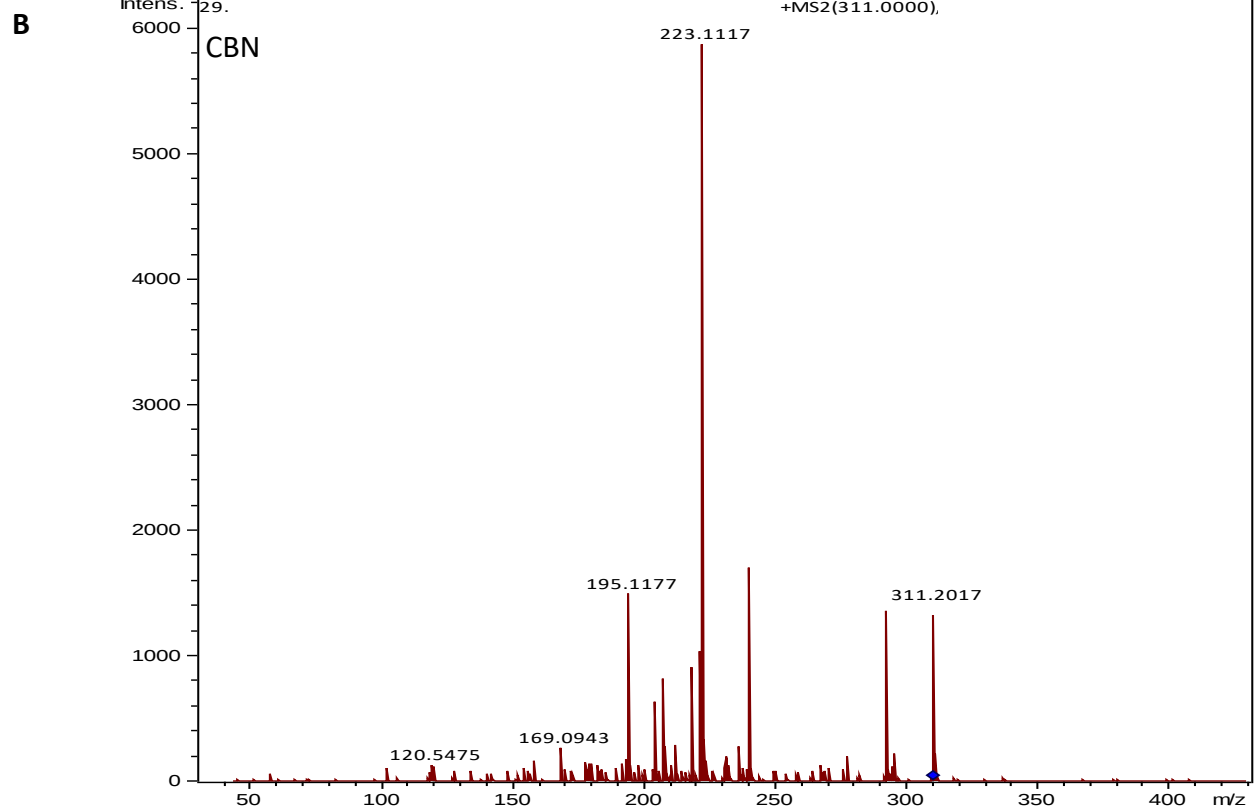
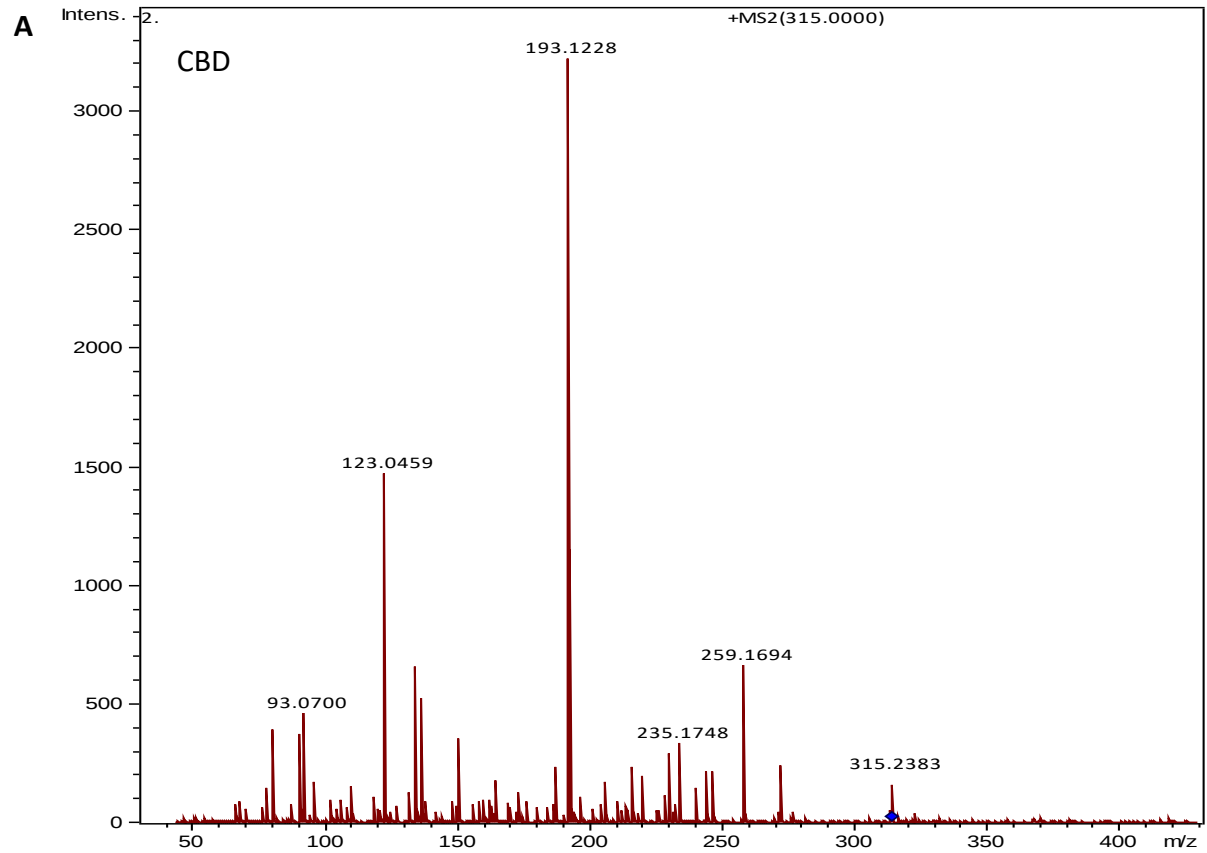


Figure S2 chromatogram of PHWE extract at optimum conditions



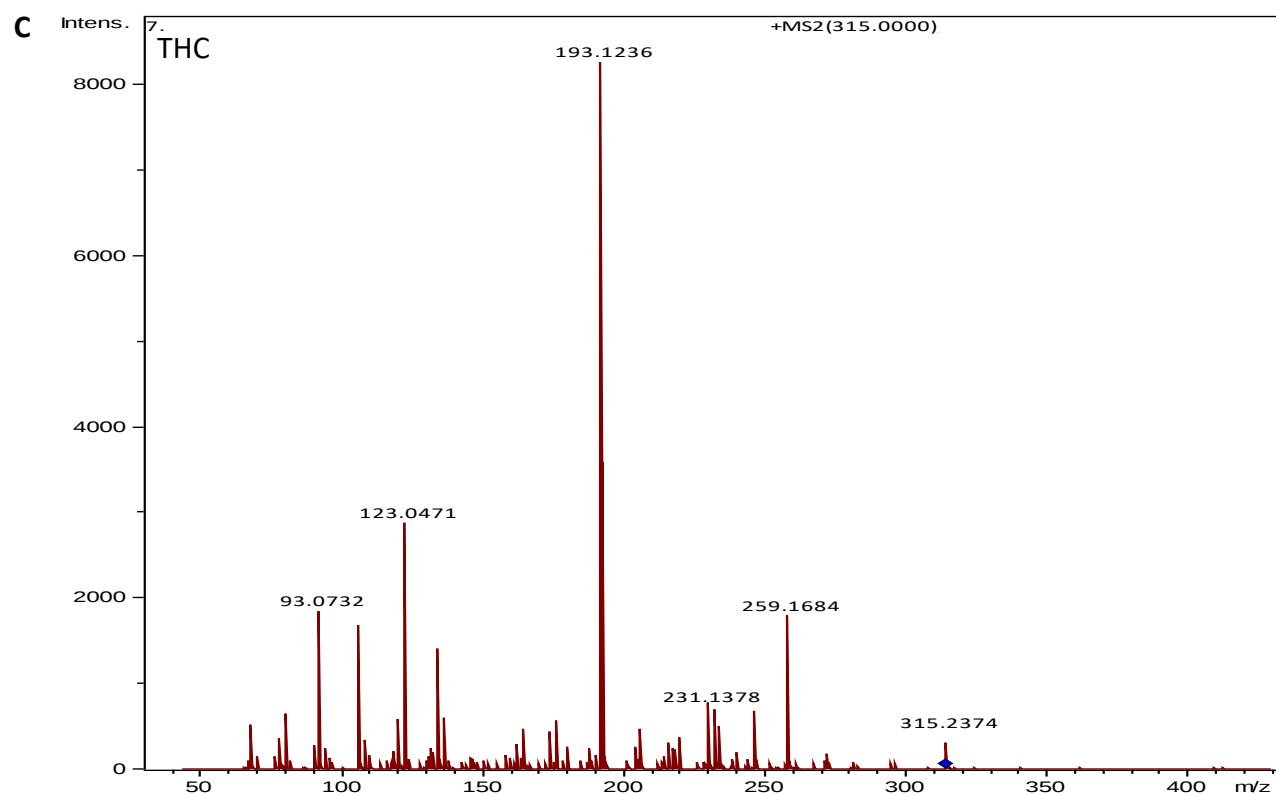


Figure S3 MS/MS fragmentation spectra of cannabidiol compounds in positive: CBD (A), CBN (B), THC (C)