Turkesterone

Brown powder in capsule (475 mg within the tested capsule)
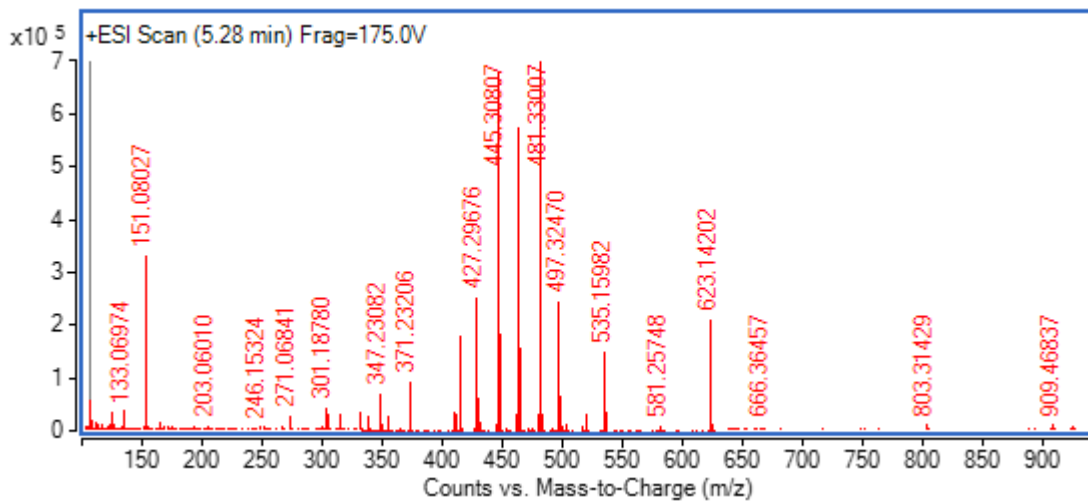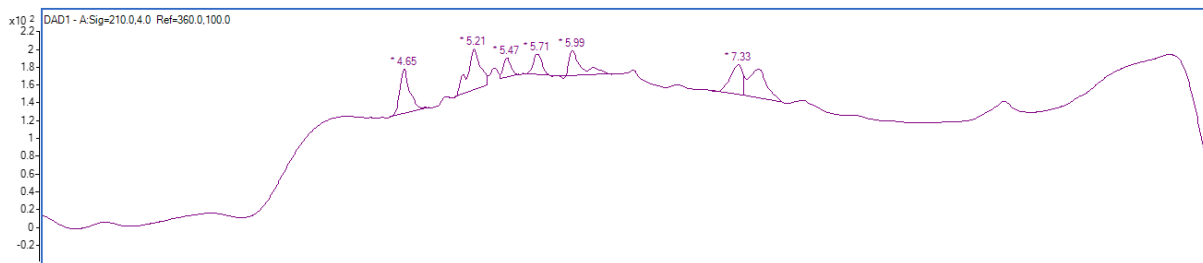
Expected MW: 497.3114 (M+H$^+$; $C_{27}H_{44}O_8$+H$^+$)

Found: 497.32 (M+H$^+$) (LC-MS, ESI+) in one of the many peaks present (r.t. 5.21 min)
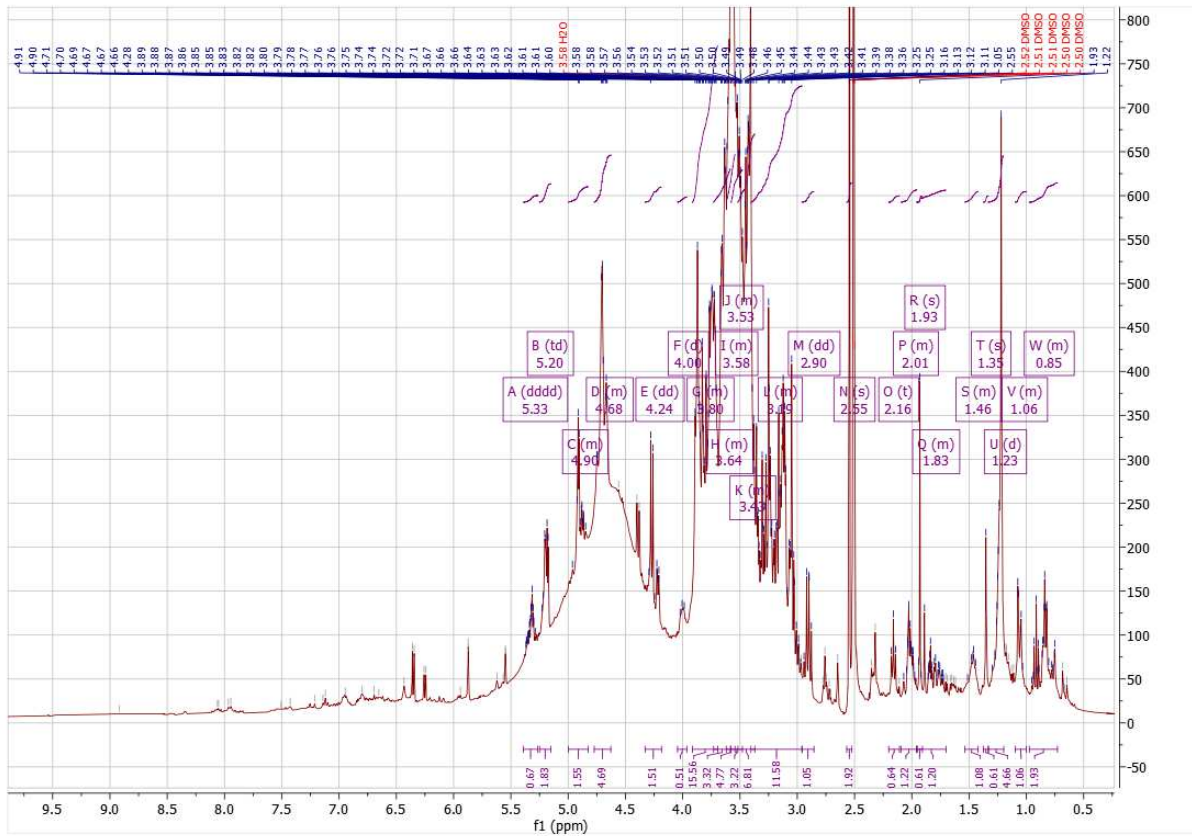
Identified as turkesterone-containing mixture

NMR: ^{1}H and ^{13}C spectra corresponds to a complex mixture, 2xbeta CH3 signals of turkesterone were found and used for quantitation

^{1}H qNMR: encapsulated powder contains 10.4% (w/w) of target compound; this corresponds to 49,4 mg of target compound in one capsule

¹H NMR, d₆-DMSO

¹³C NMR, d₆-DMSO