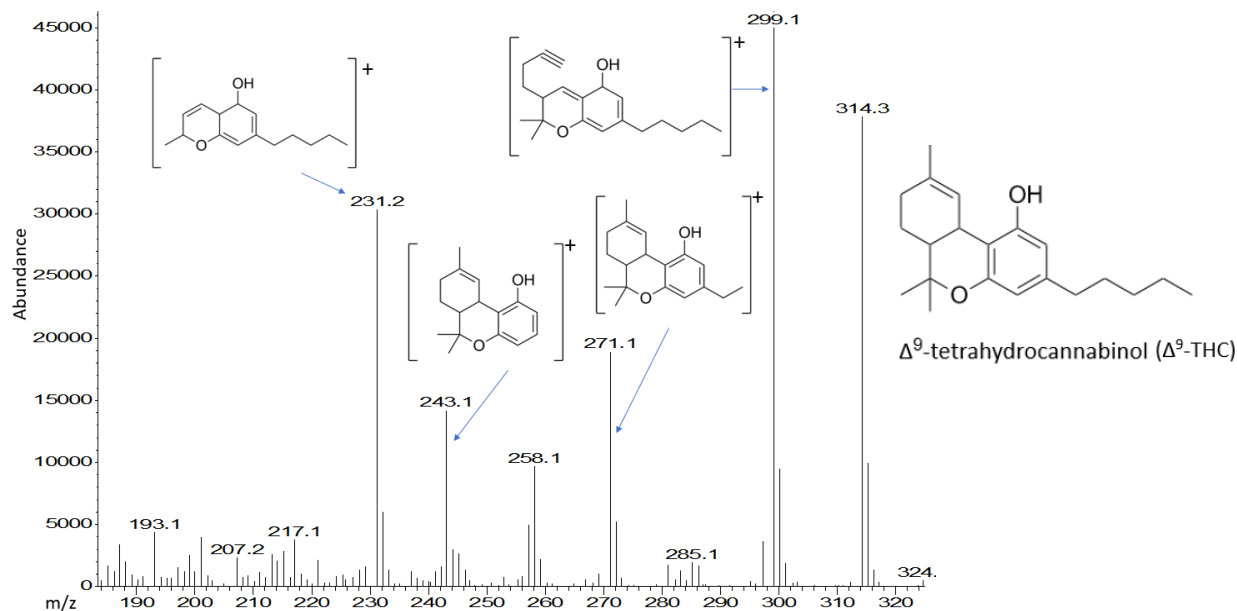


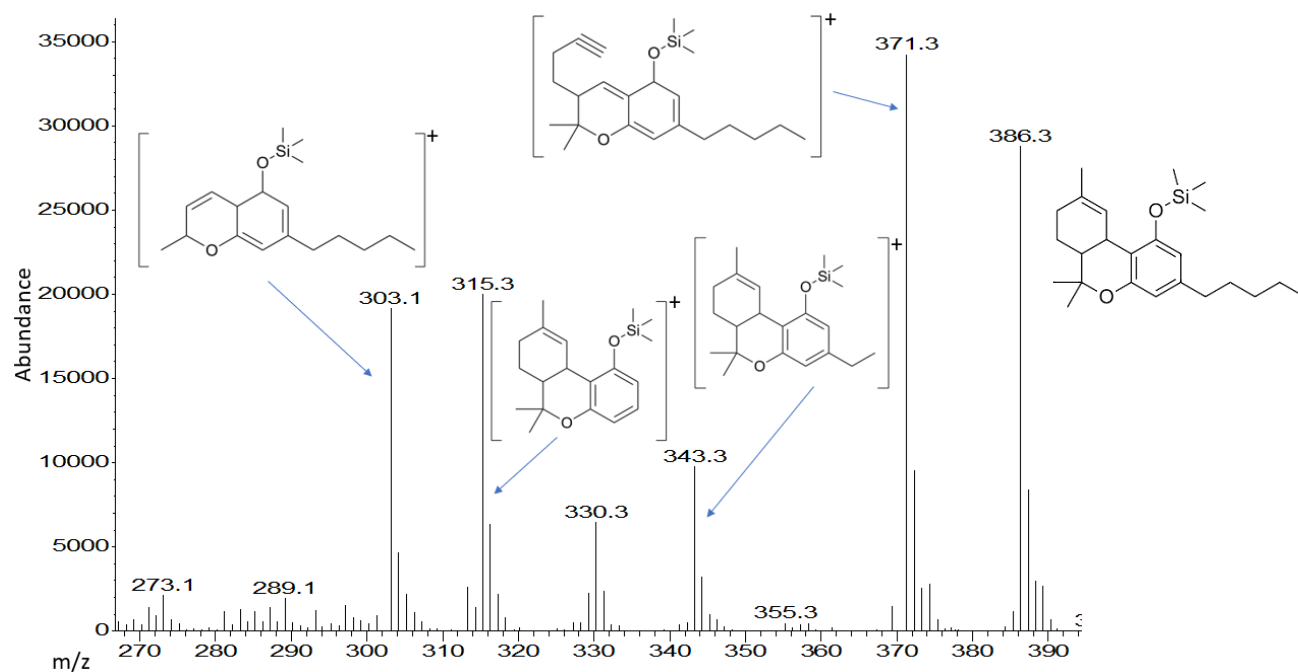
Figures in 'The analysis of delta-9-tetrahydrocannabinol, cannabidiol and cannabinol in oral fluid and selected commercial products by gas chromatography-mass spectrometry' J Jooste, JB Laurens, M Wooding.

1 Mass Spectra

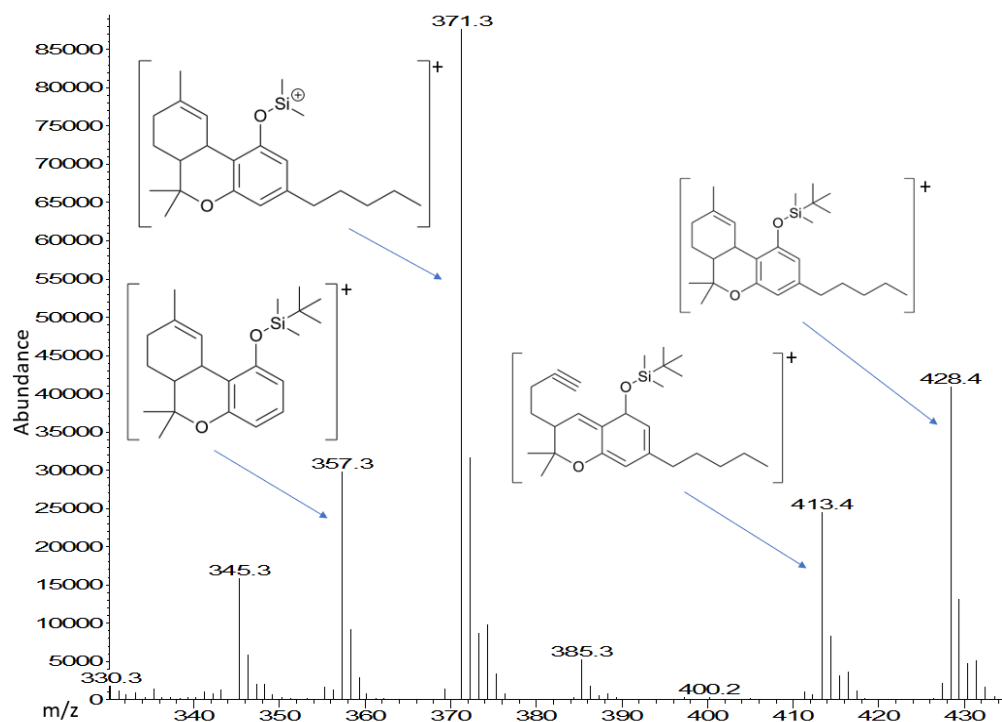
1A. THC



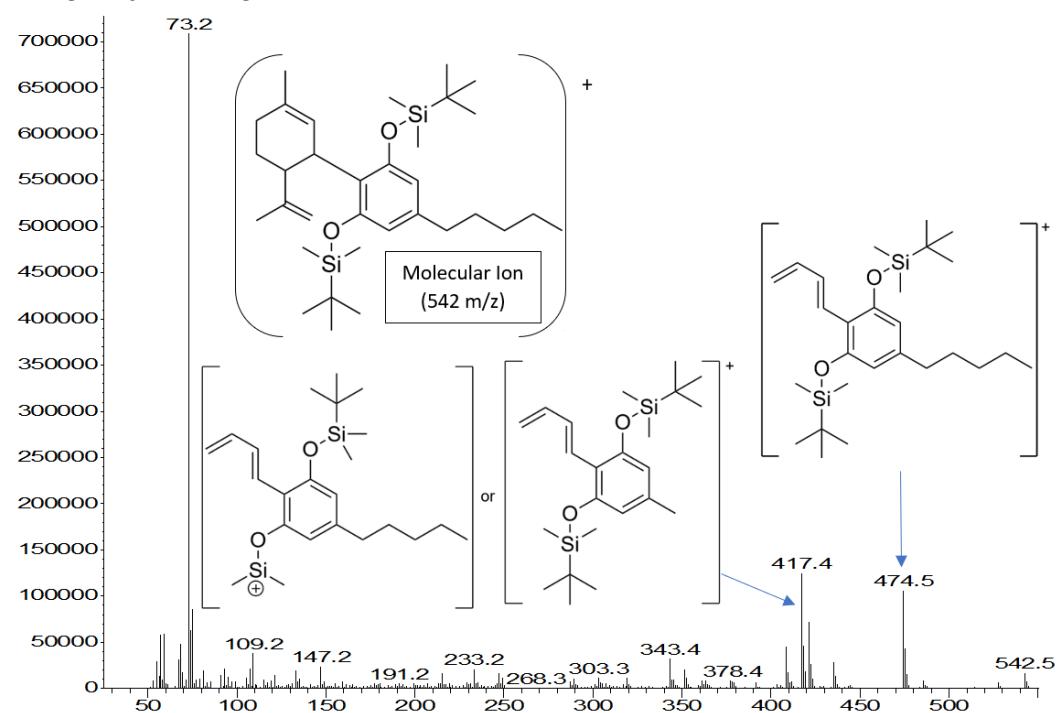
1B. THC-TMS



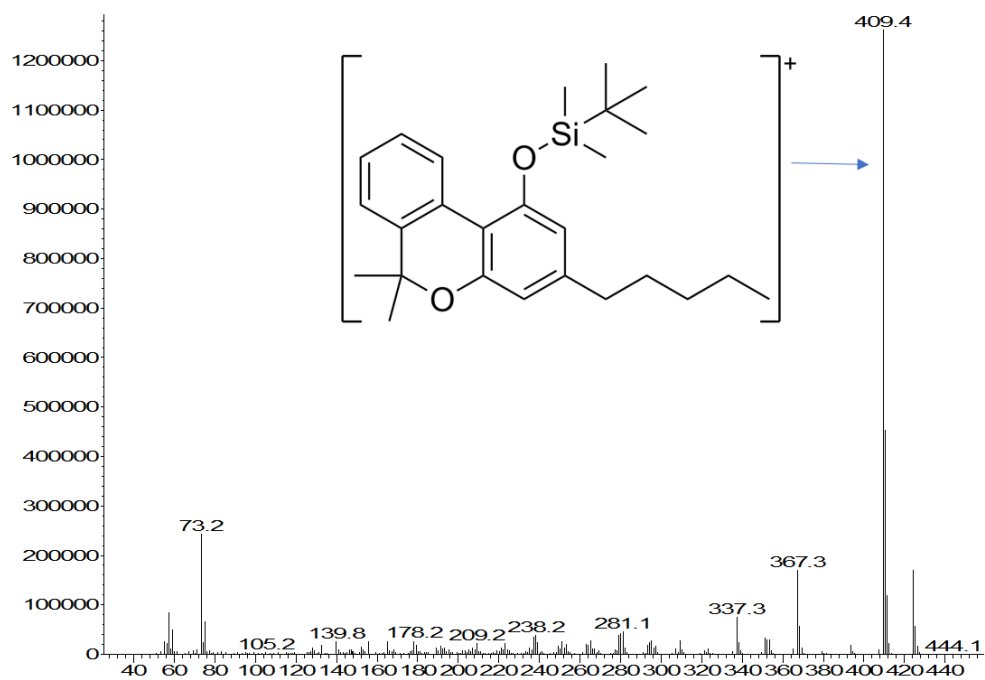
1C. THC-TBDMS



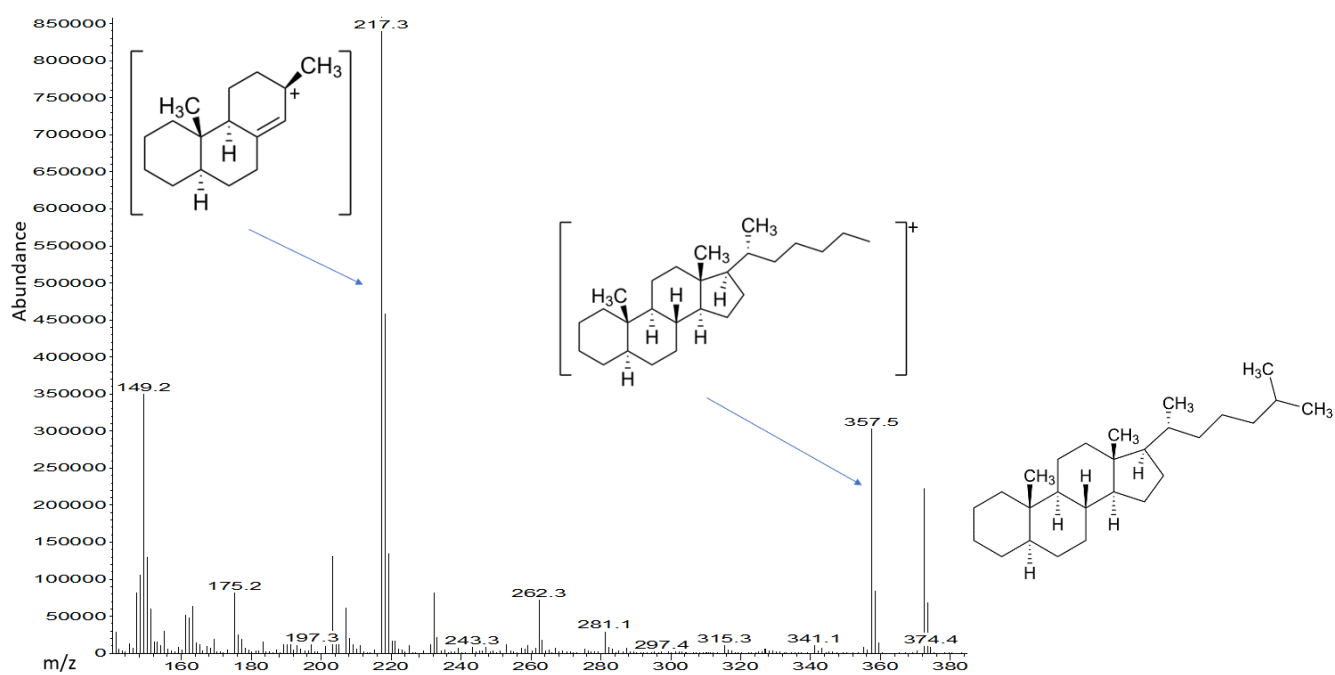
1D. CBD-di-TBDMS



E. CBN-TBDMS

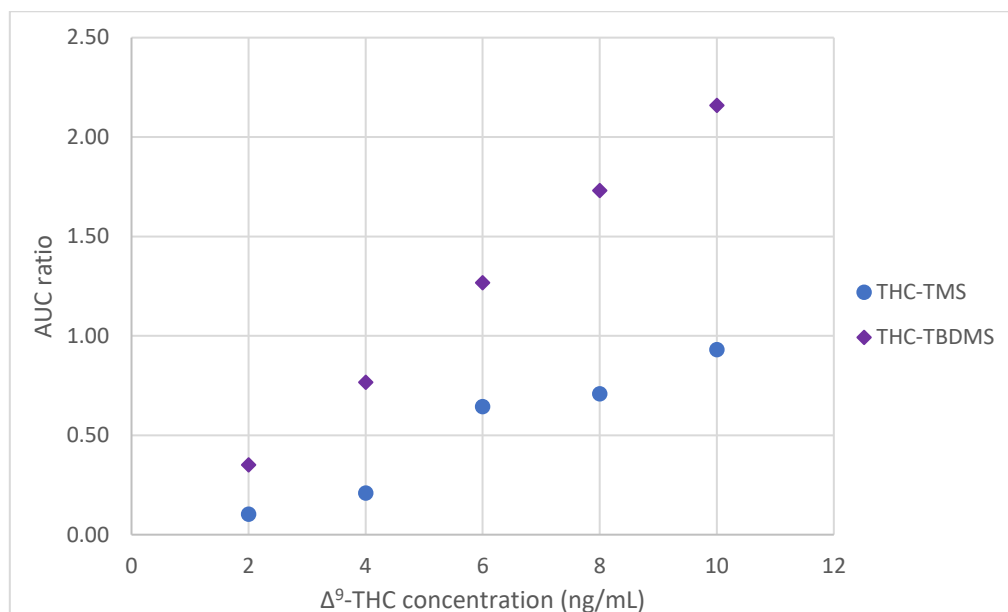


1F. Cholestane

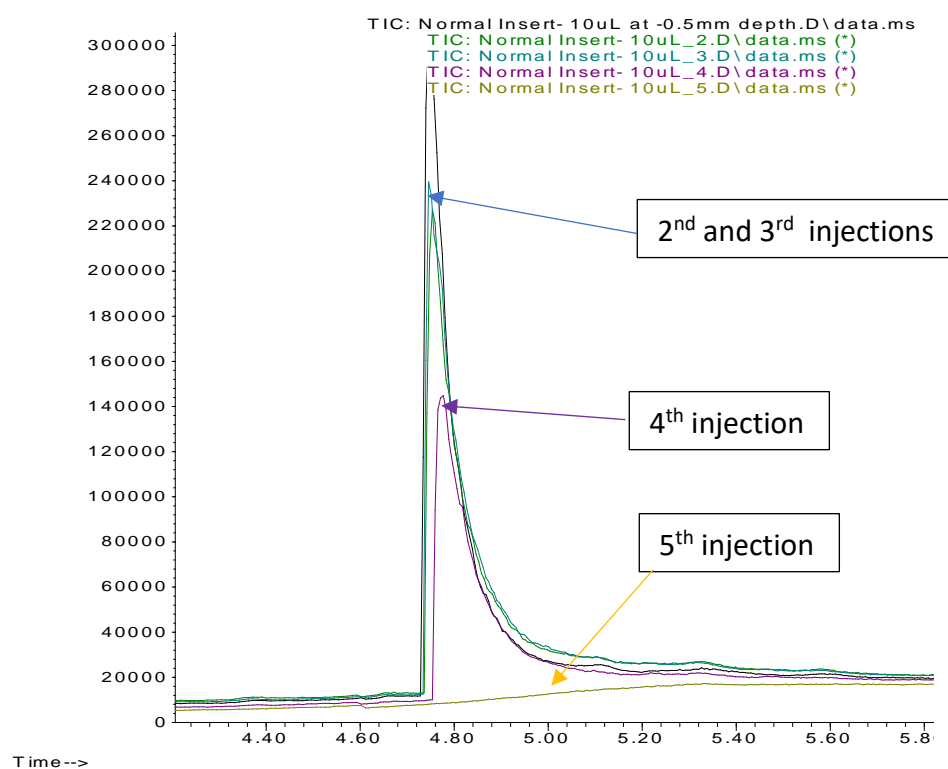


2-1 Method development

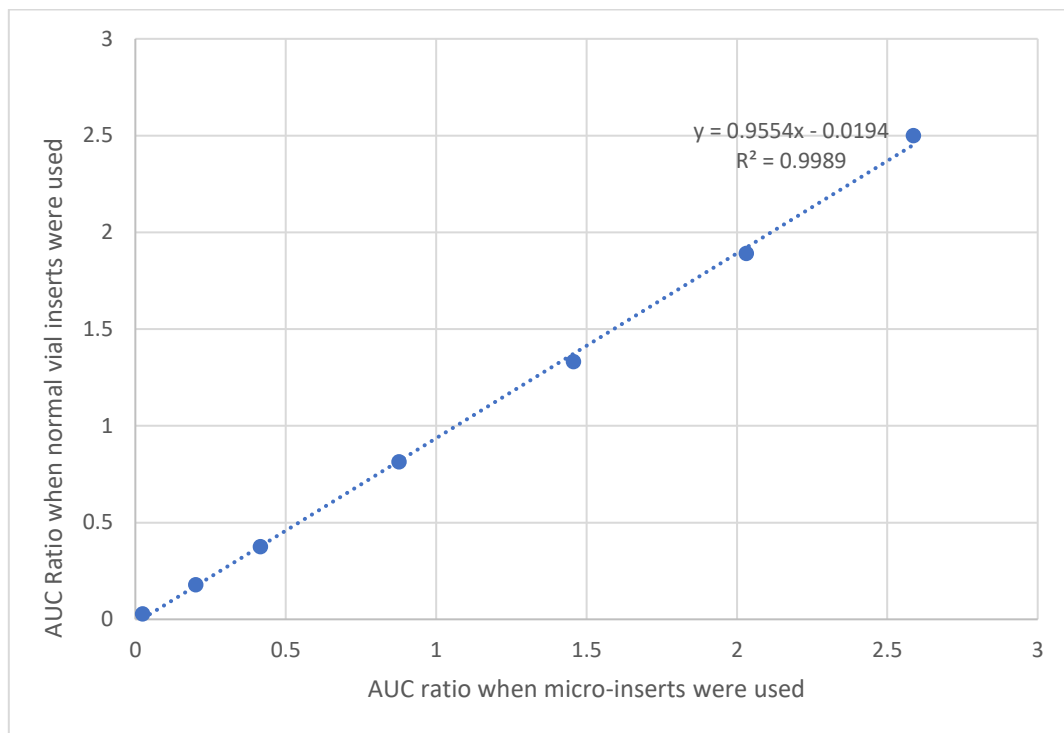
2-1A:



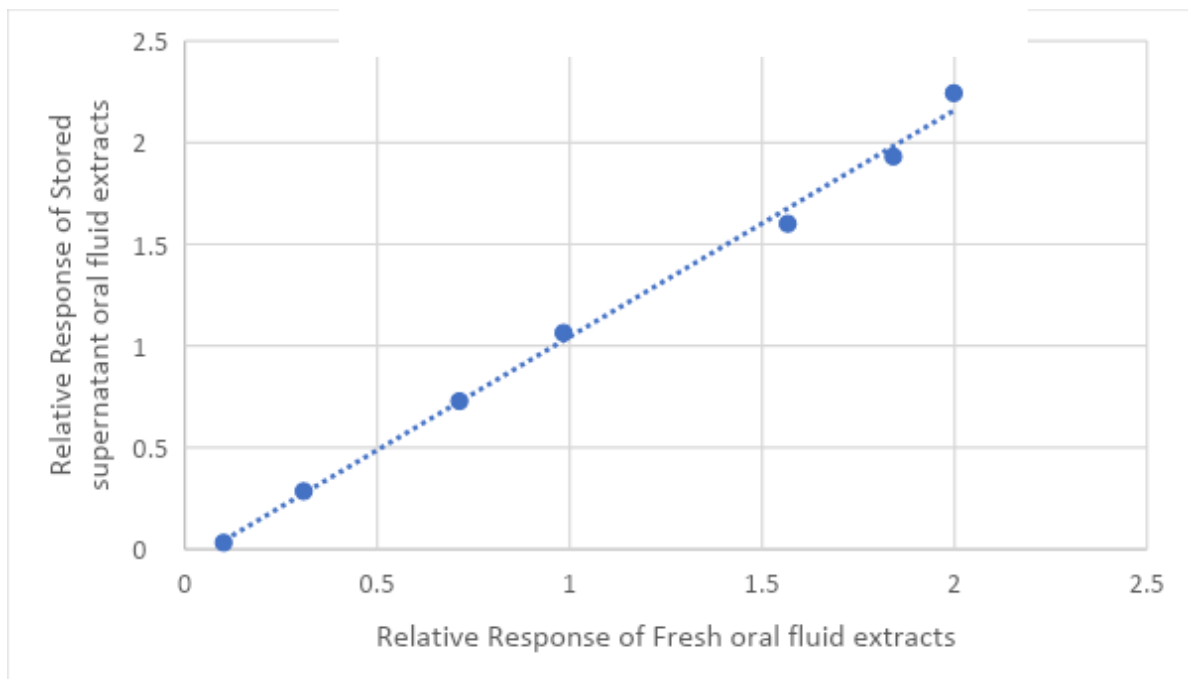
2-1B:



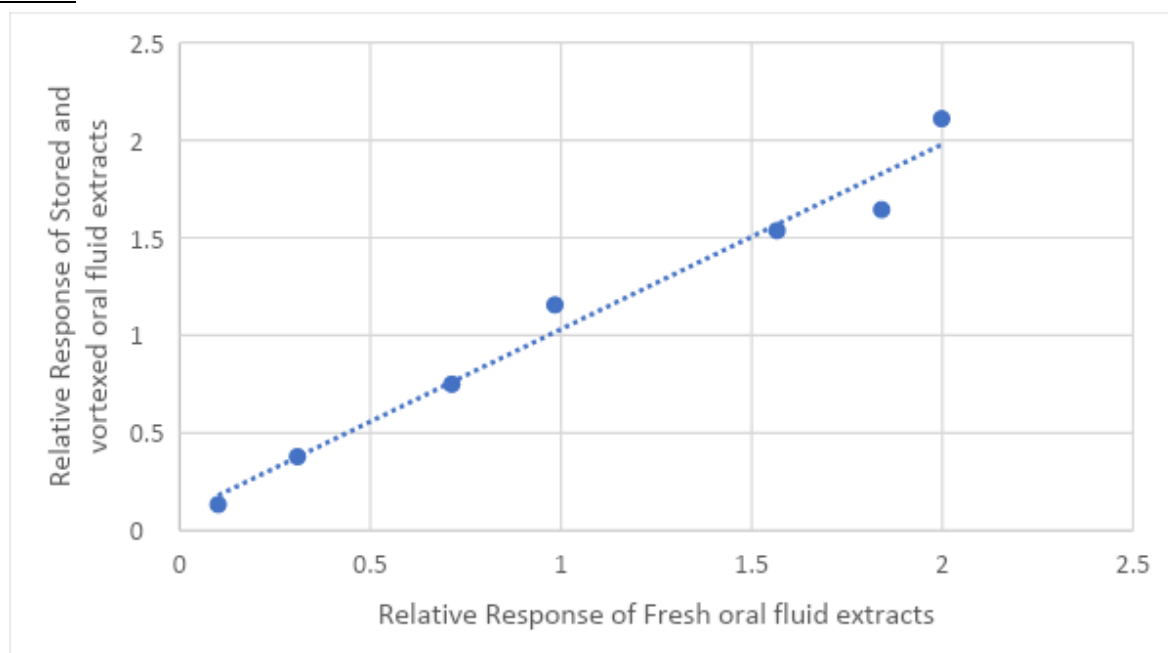
2-1B:



2-1C:

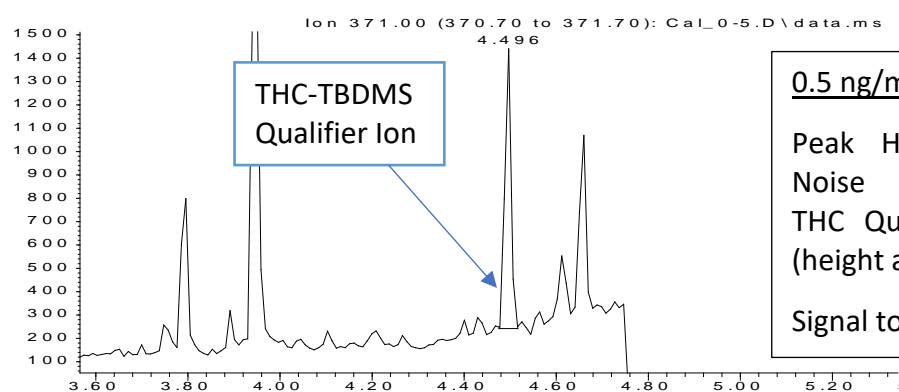


2-1D:



2-2. Method Validation

2-2A:



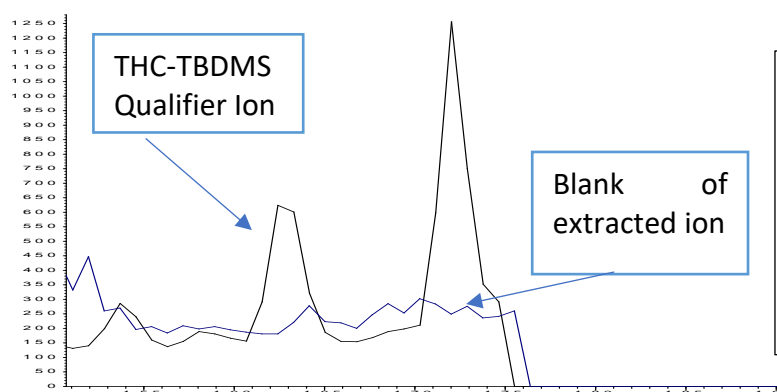
0.5 ng/mL in aqueous matrix

Peak Heights (abundance):

Noise level = 165

THC Quantifier ion = 1197
(height above noise)

Signal to noise ratio = 7.25



0.5 ng/mL in Oral fluid matrix

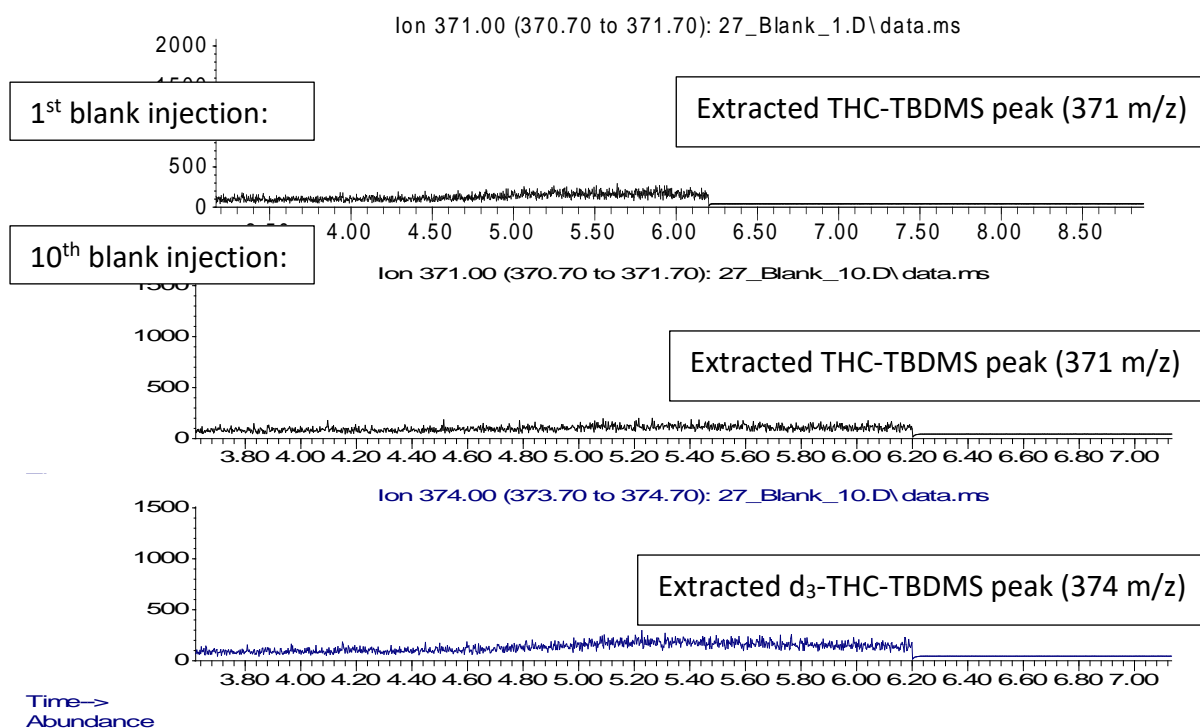
Peak Heights (abundance):

Noise level = 173

THC Quantifier ion = 524
(height above noise)

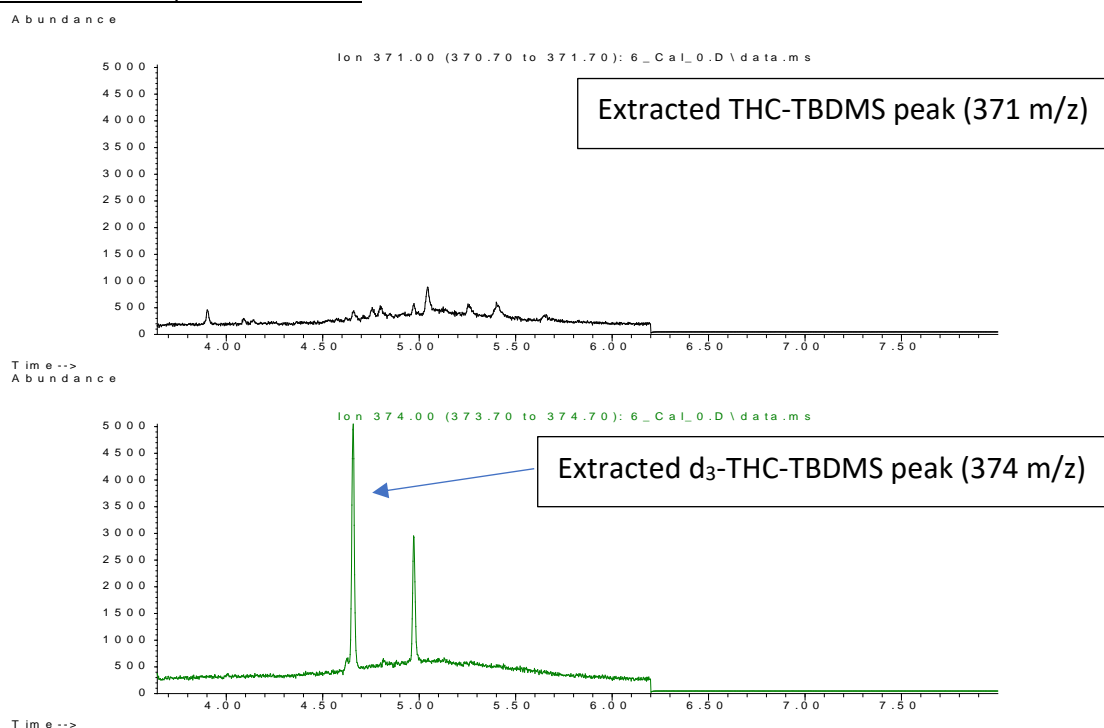
Signal to noise ratio = 3.03

2-2B:



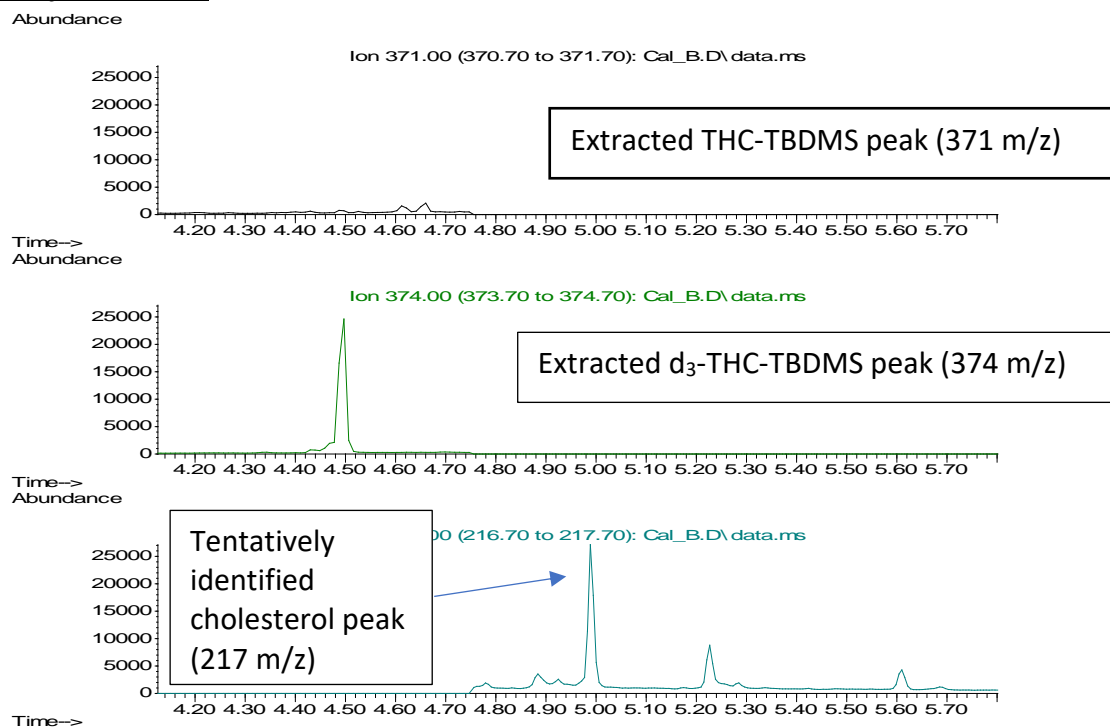
3. Pre-analytical parameter study in aqueous matrix

Representative aqueous blank

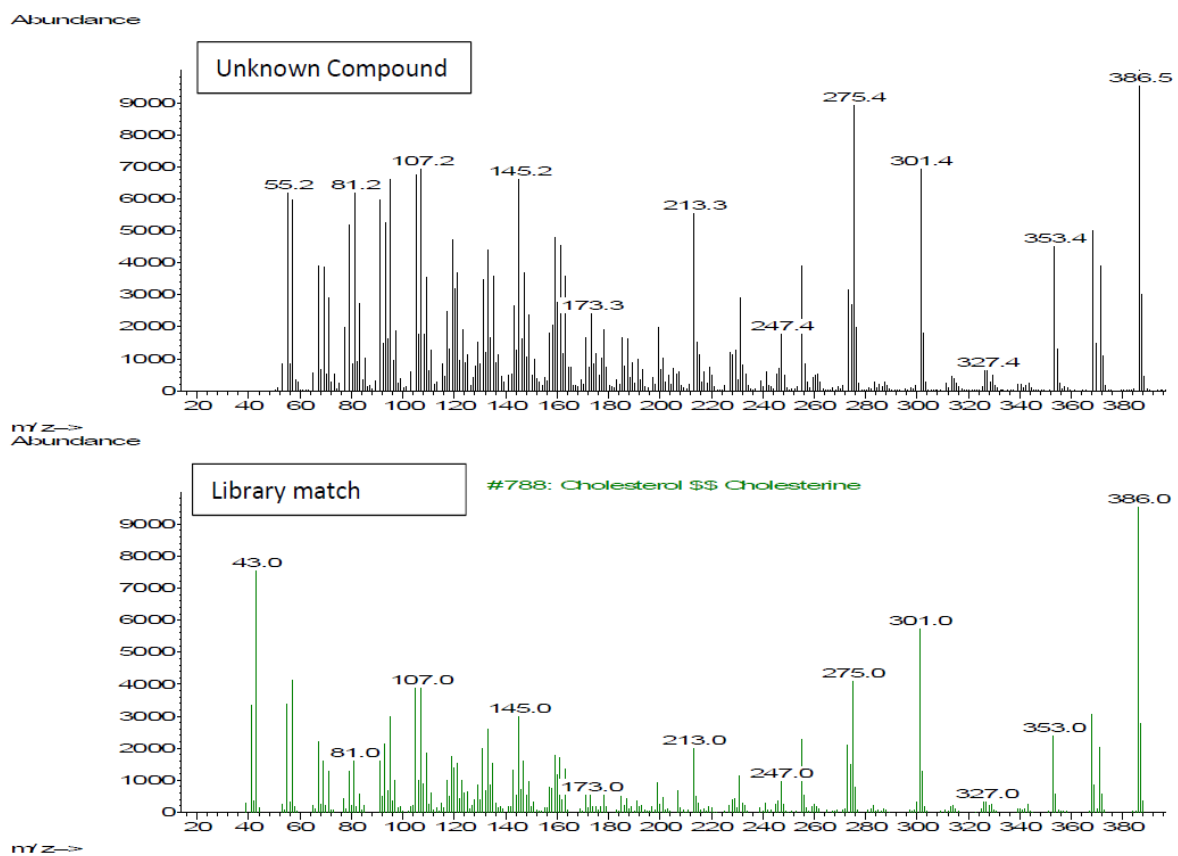


4. Pre-analytical parameter study in oral fluid matrix

4-1. Oral fluid blank

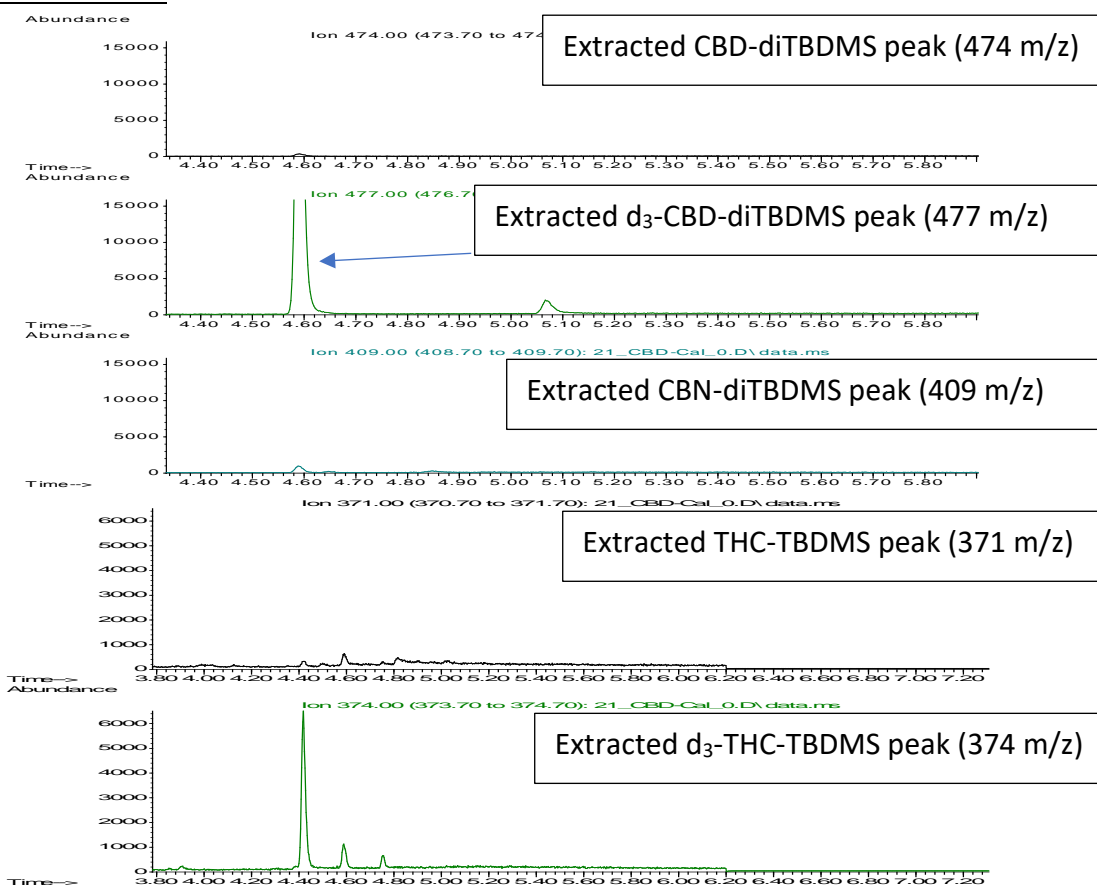


4-2. Cholesterol Library match

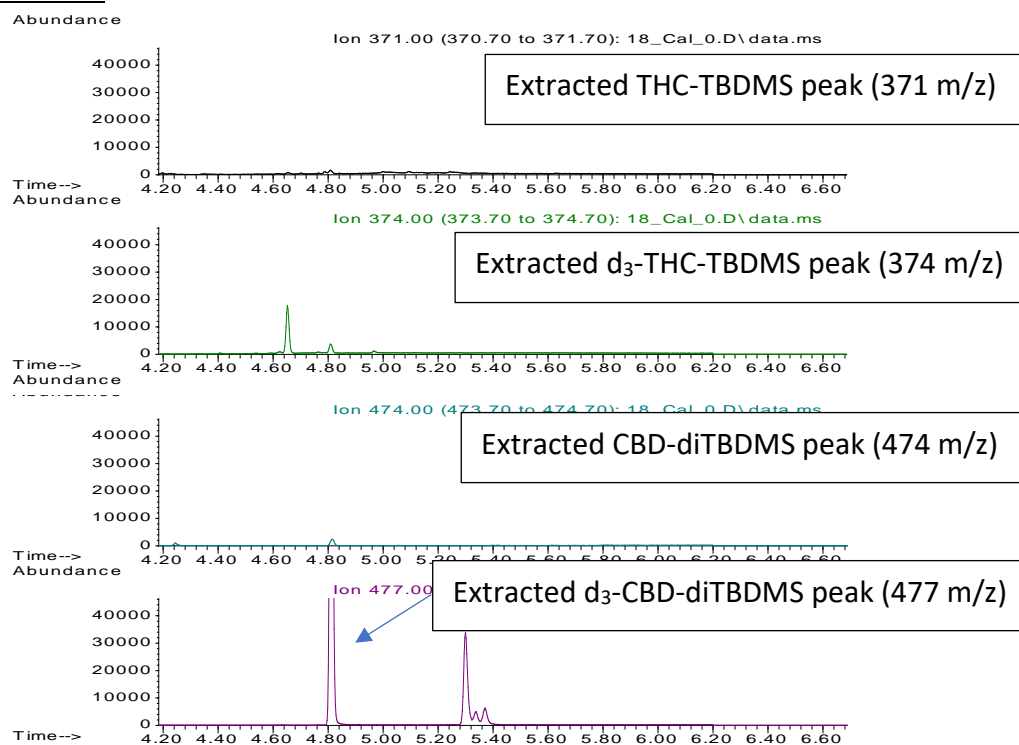


5. CBD Product Analysis: Figures

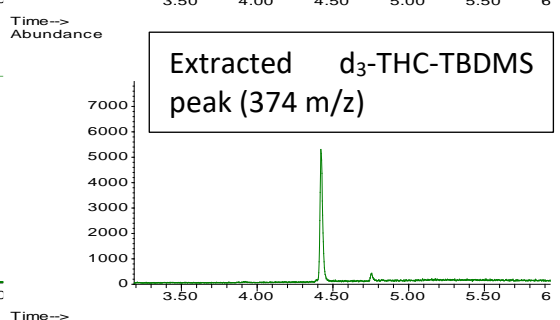
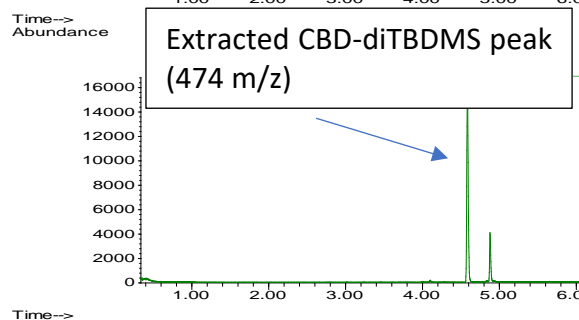
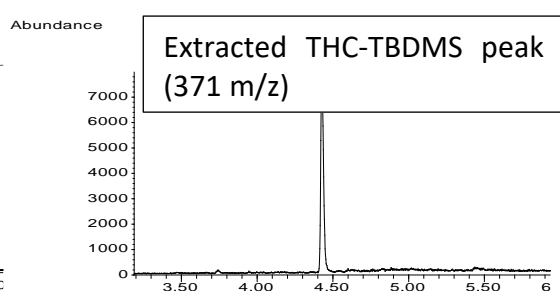
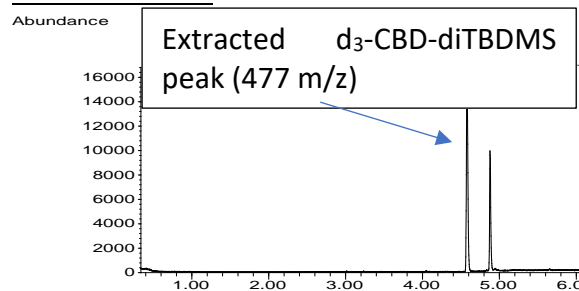
5A: Hexane blank



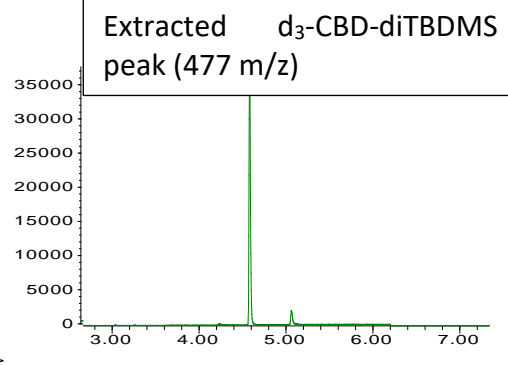
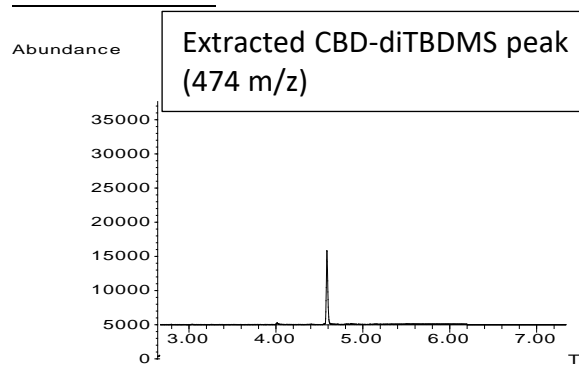
5B: Aqueous blank



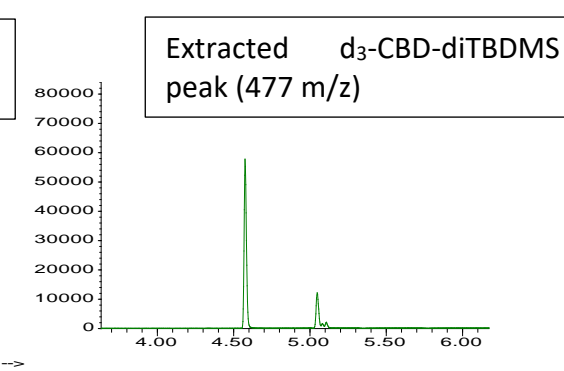
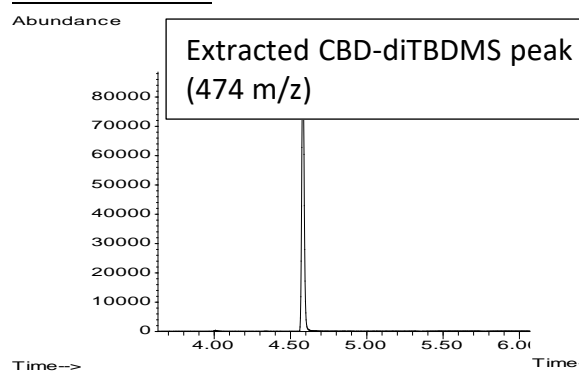
5C: Product 1



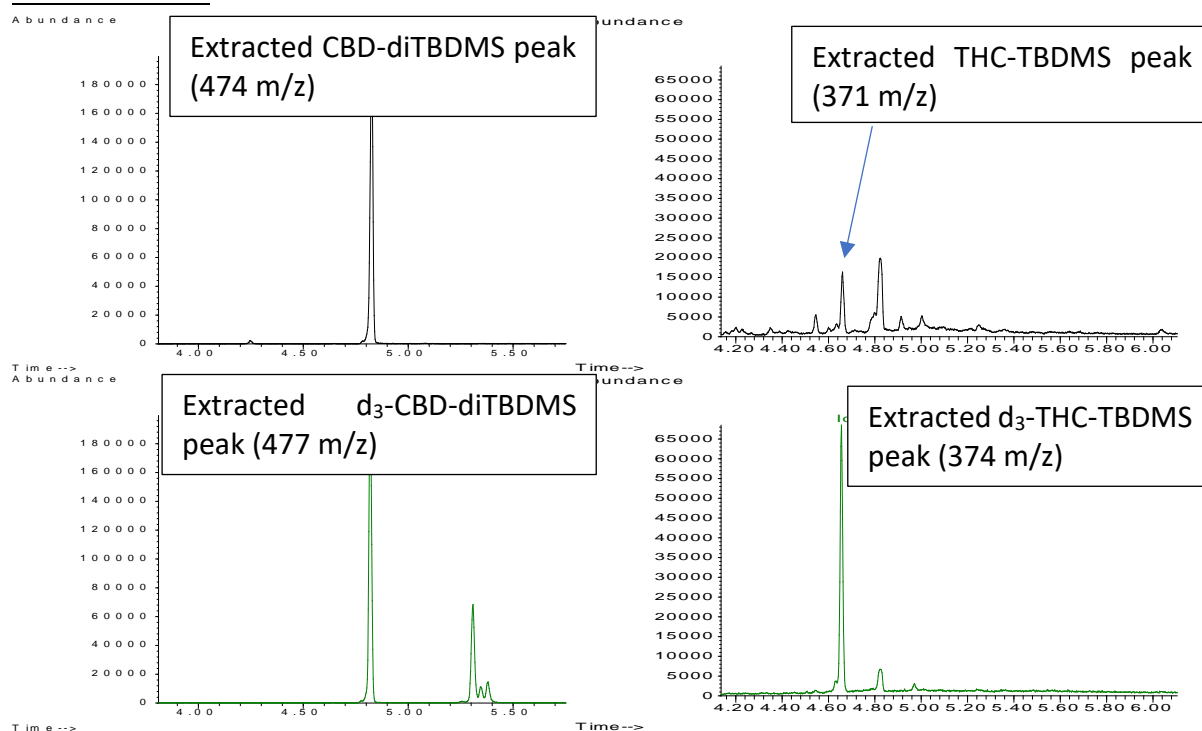
5D: Product 2



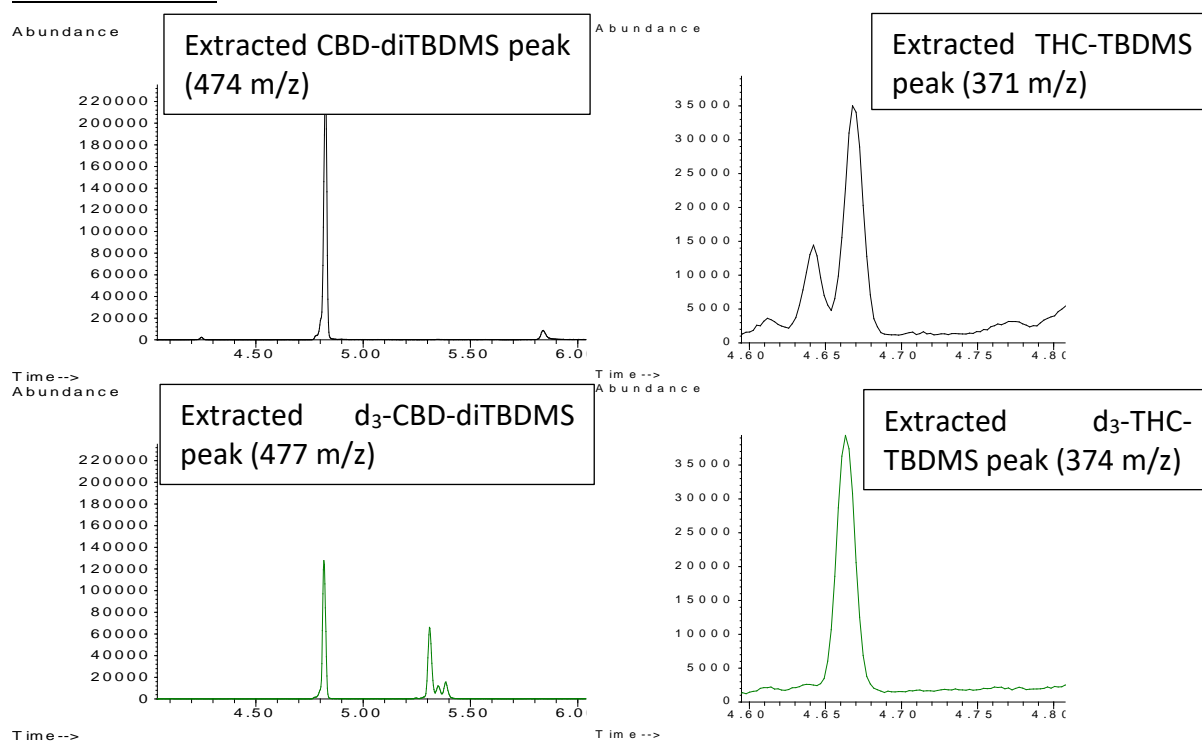
5E: Product 3



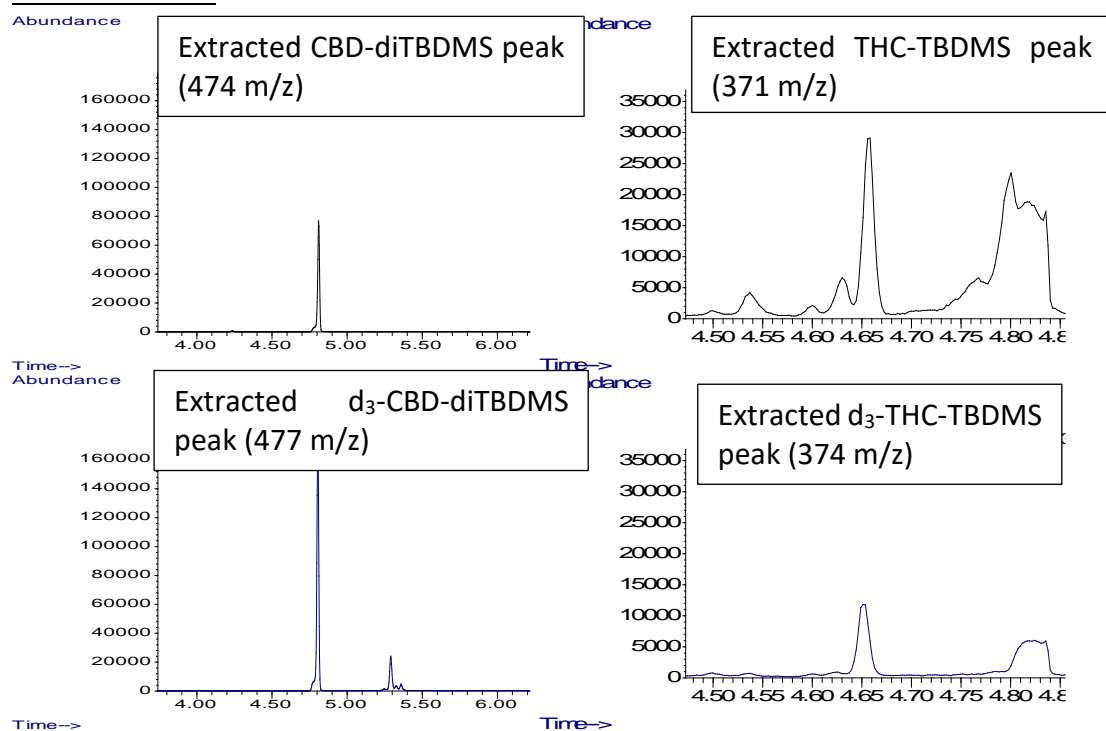
5F: Product 4



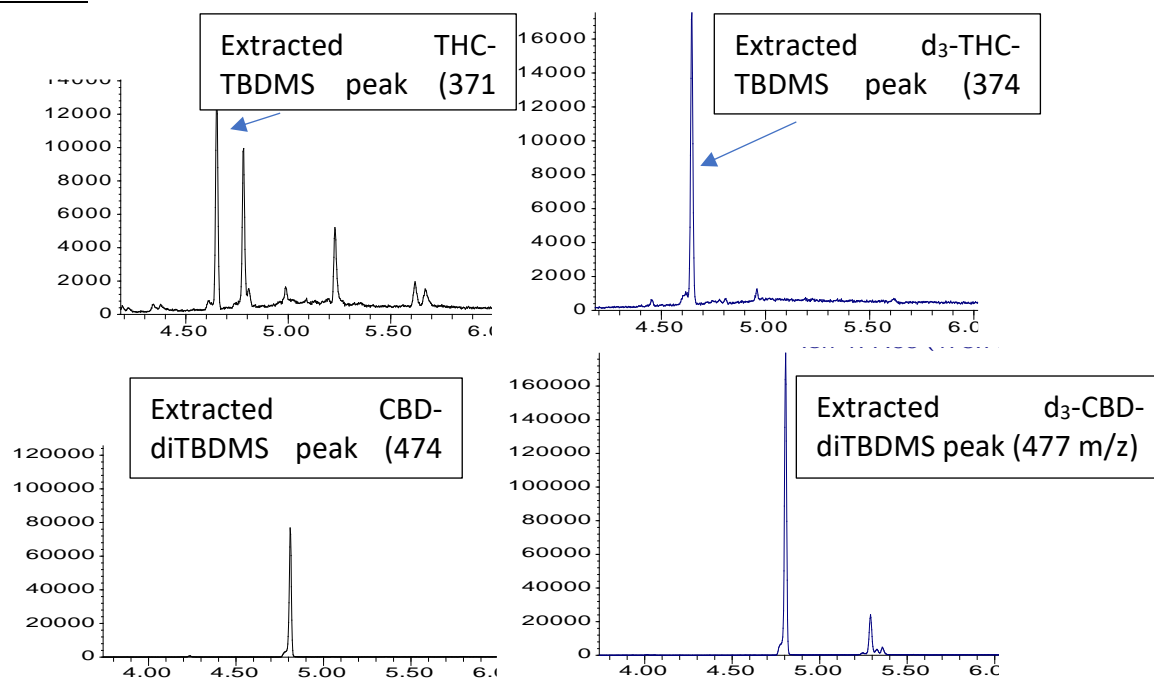
5G: Product 5



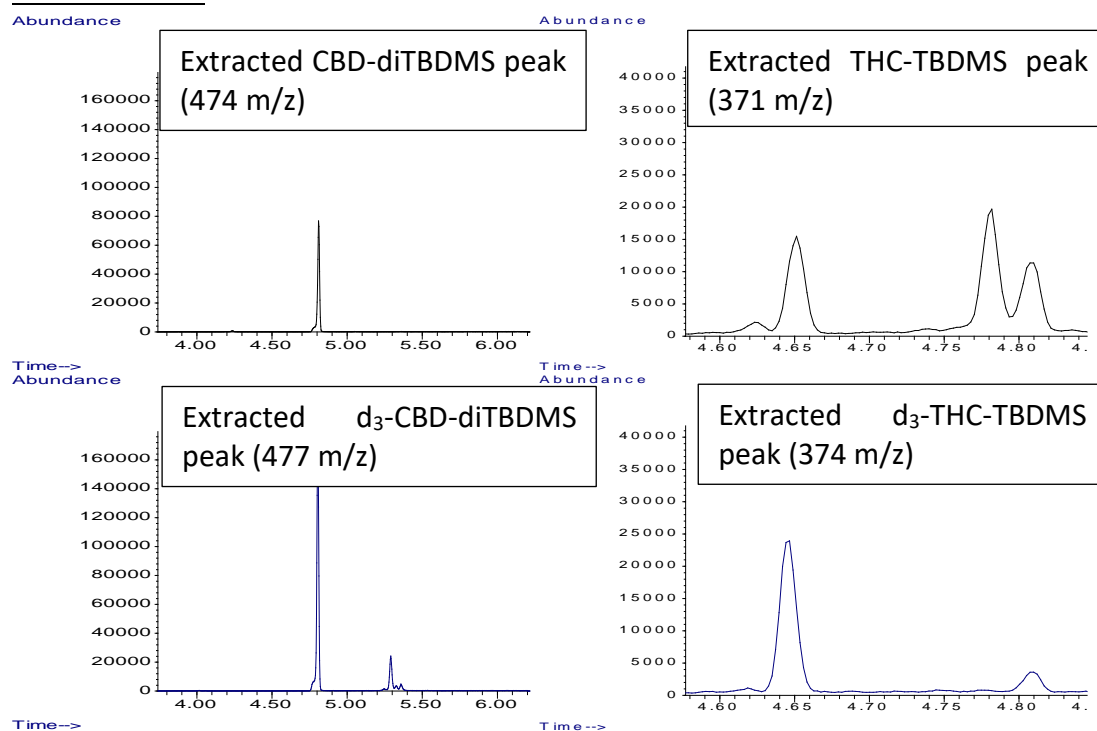
5H: Product 6



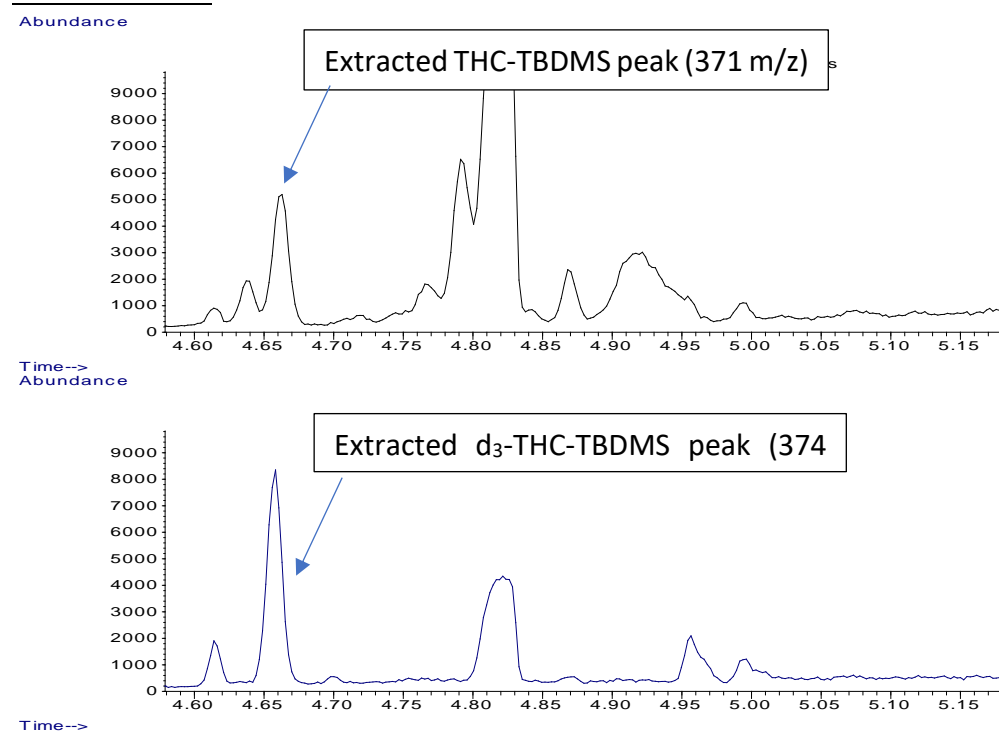
5I: Product 7



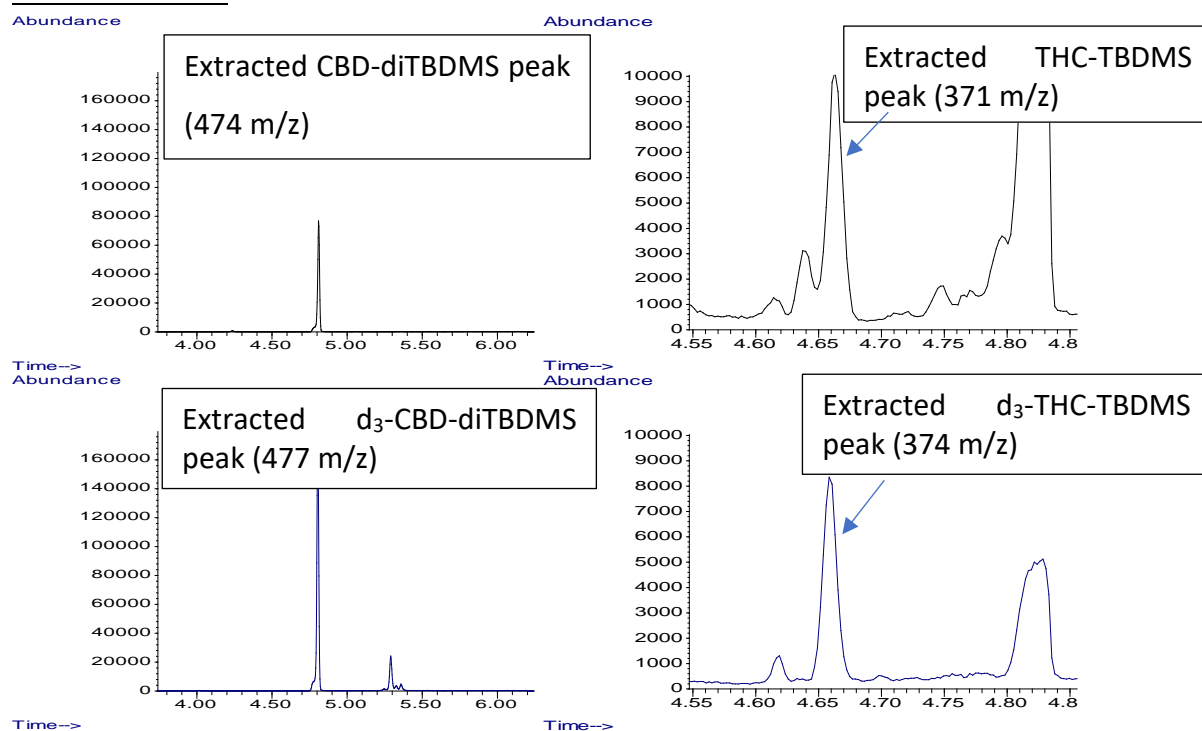
5J: Product 8



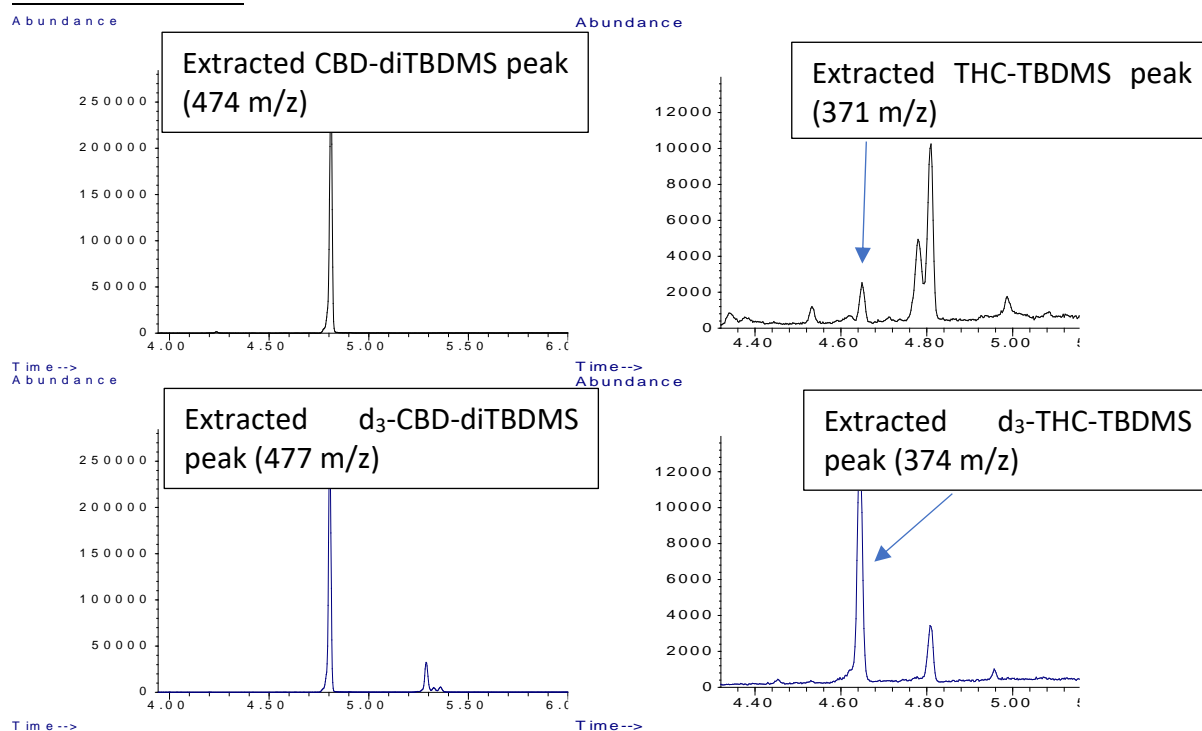
5K: Product 9



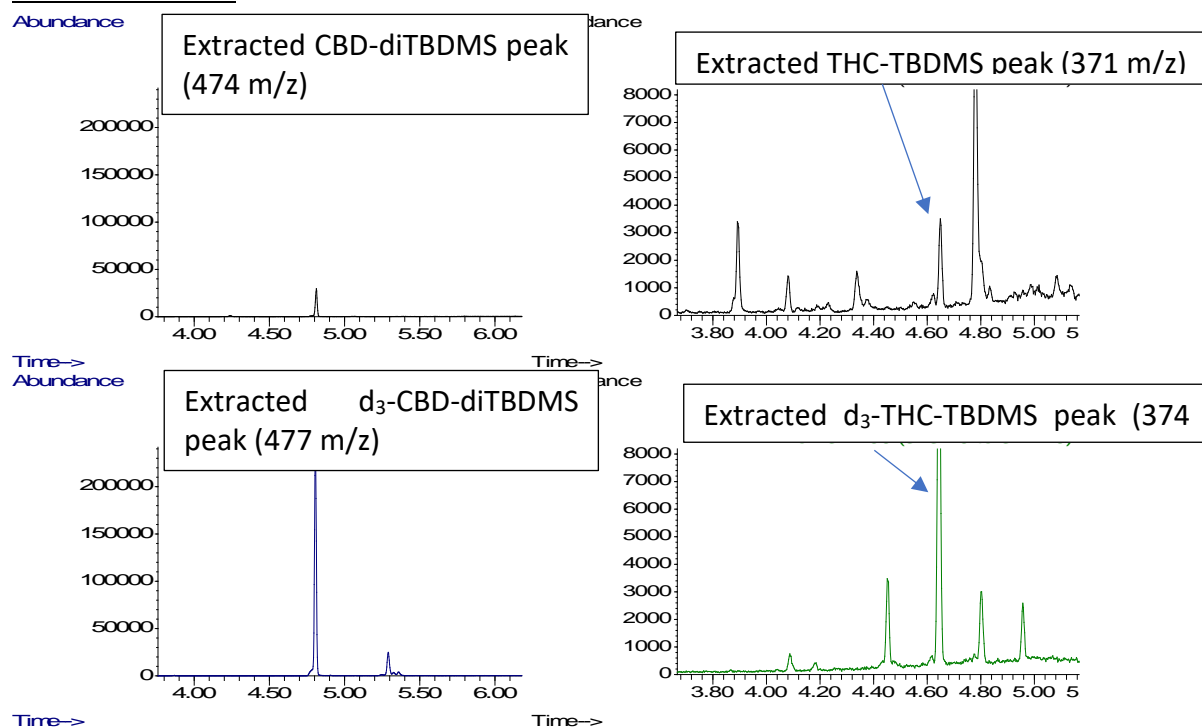
5L: Product 10



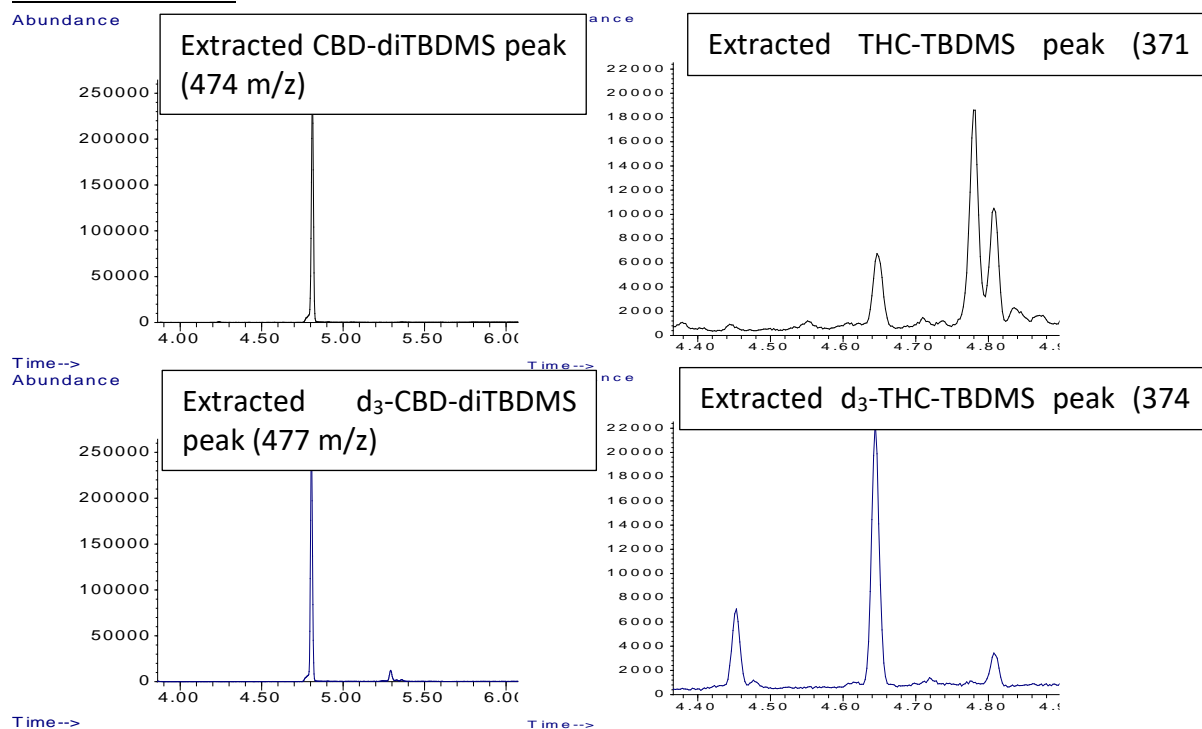
5M: Product 11



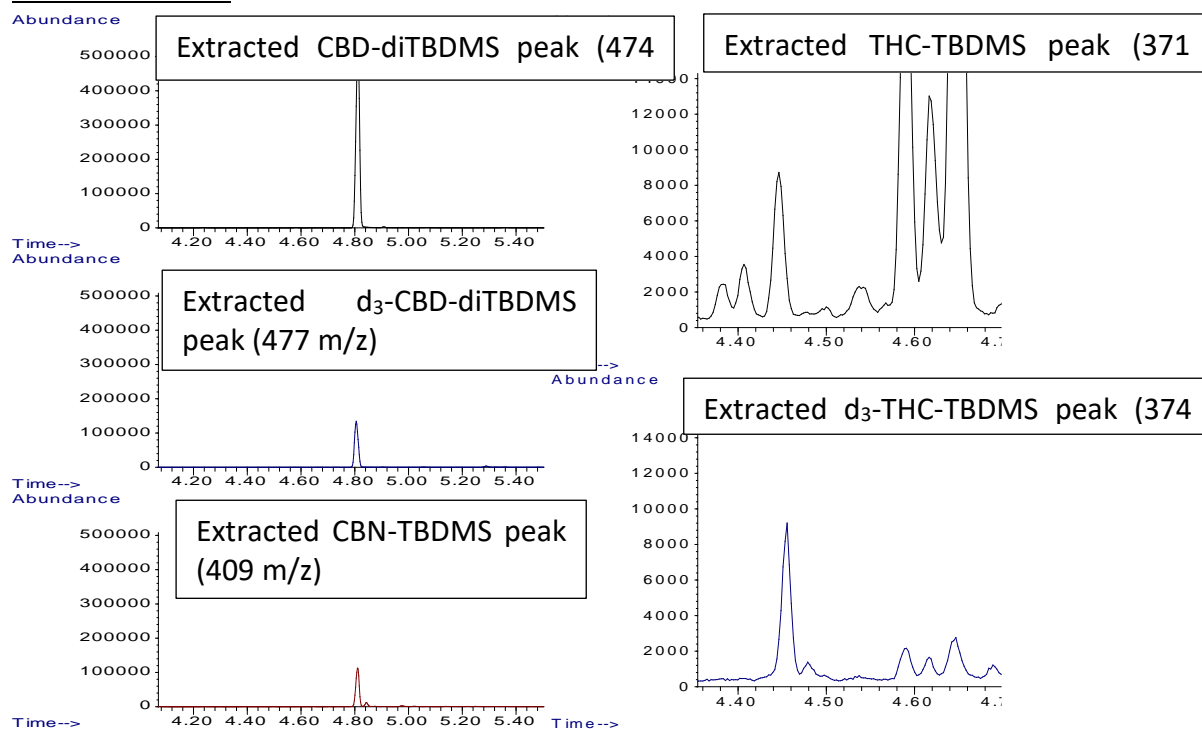
5N: Product 12



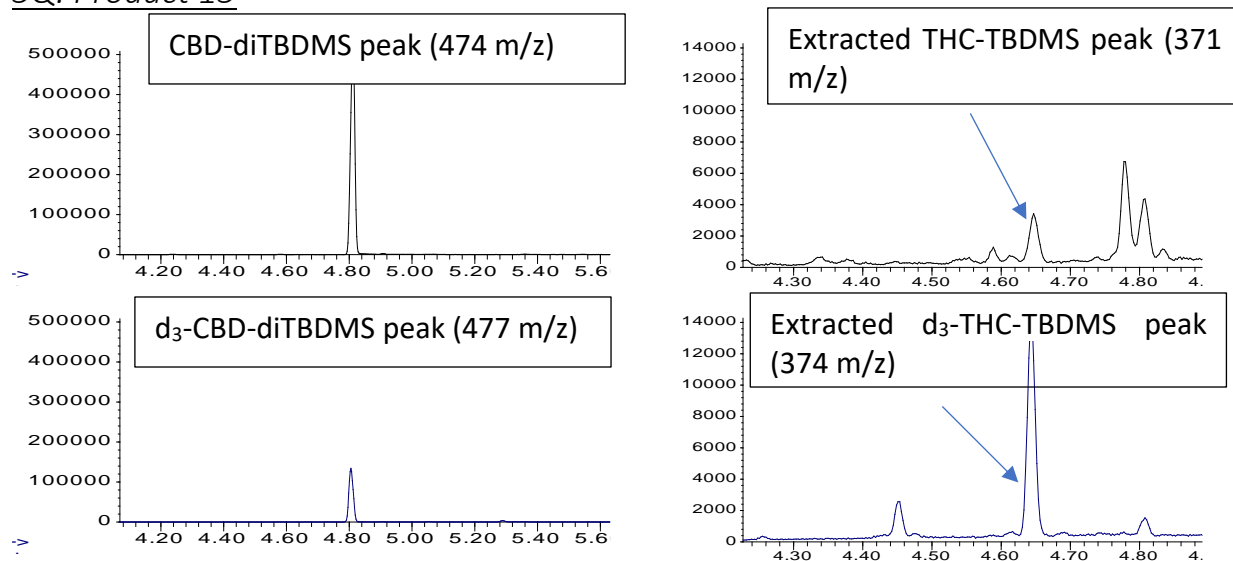
5O: Product 13



5P: Product 14

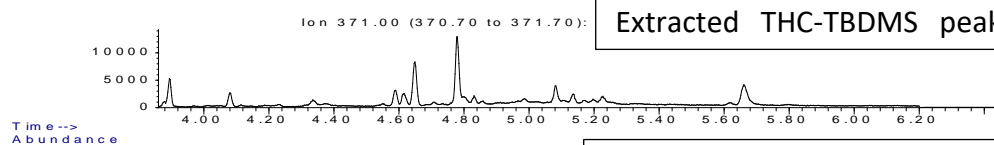


5Q: Product 15



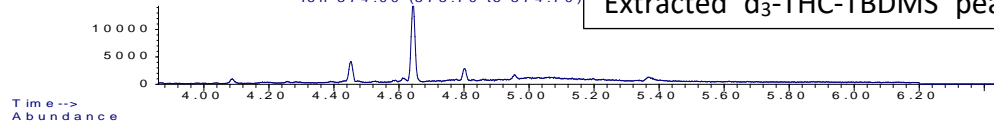
5R: Product 16

Abundance



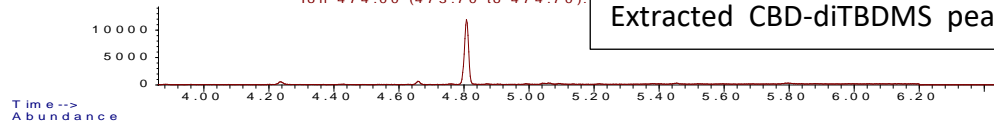
Extracted THC-TBDMS peak (371)

Abundance



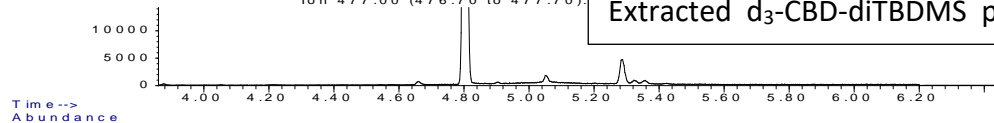
Extracted d₃-THC-TBDMS peak (374)

Abundance



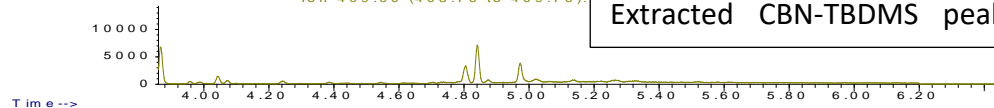
Extracted CBD-diTBDMS peak (474)

Abundance



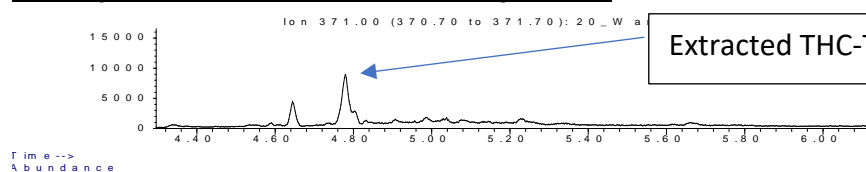
Extracted d₃-CBD-diTBDMS peak (477)

Abundance

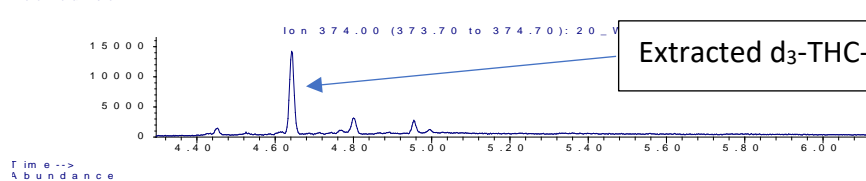


Extracted CBN-TBDMS peak (409)

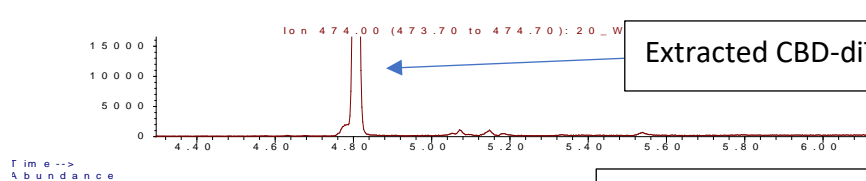
5S: Reference standards in boiling water



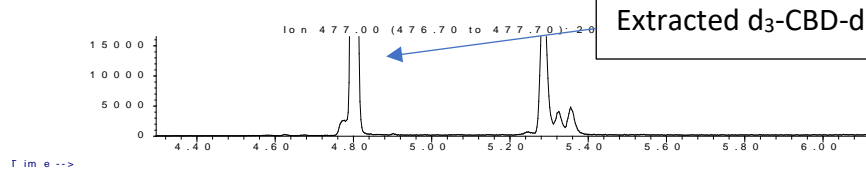
Extracted THC-TBDMS peak (371 m/z)



Extracted d₃-THC-TBDMS peak (374 m/z)



Extracted CBD-diTBDMS peak (474 m/z)



Extracted d₃-CBD-diTBDMS peak (477 m/z)