

MS/MS Parameters of Pesticides

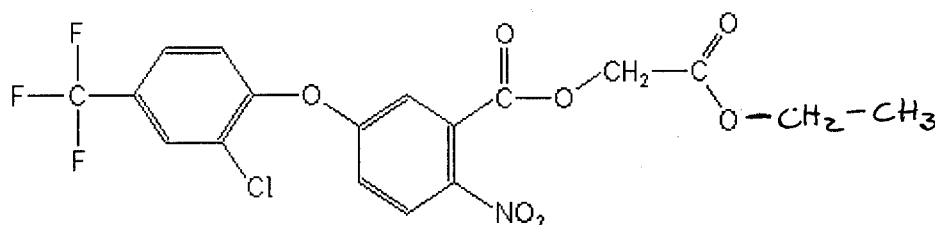
Analyte: Fluoroglycofen-ethyl

CAS No.: 77501-90-7

Formula: C₁₈H₁₃ClF₃NO₇

Molecular mass (lowest isotopes): 447,03 amu

Structure:



Ionisation: ESI +

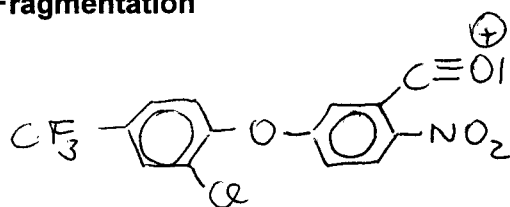
Quasimolecular ion: 465,0 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

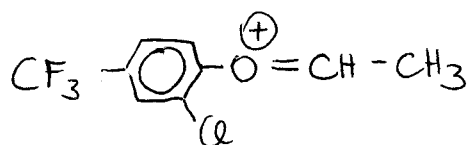
Transition	465,0 → 344,0	465,0 → 223,0
Declustering potential (DP) ^{*)}	16V	16 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	7,5 V	8,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	21 V	43 V
Collision cell exit potential (CXP)	18 V	12 V

^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



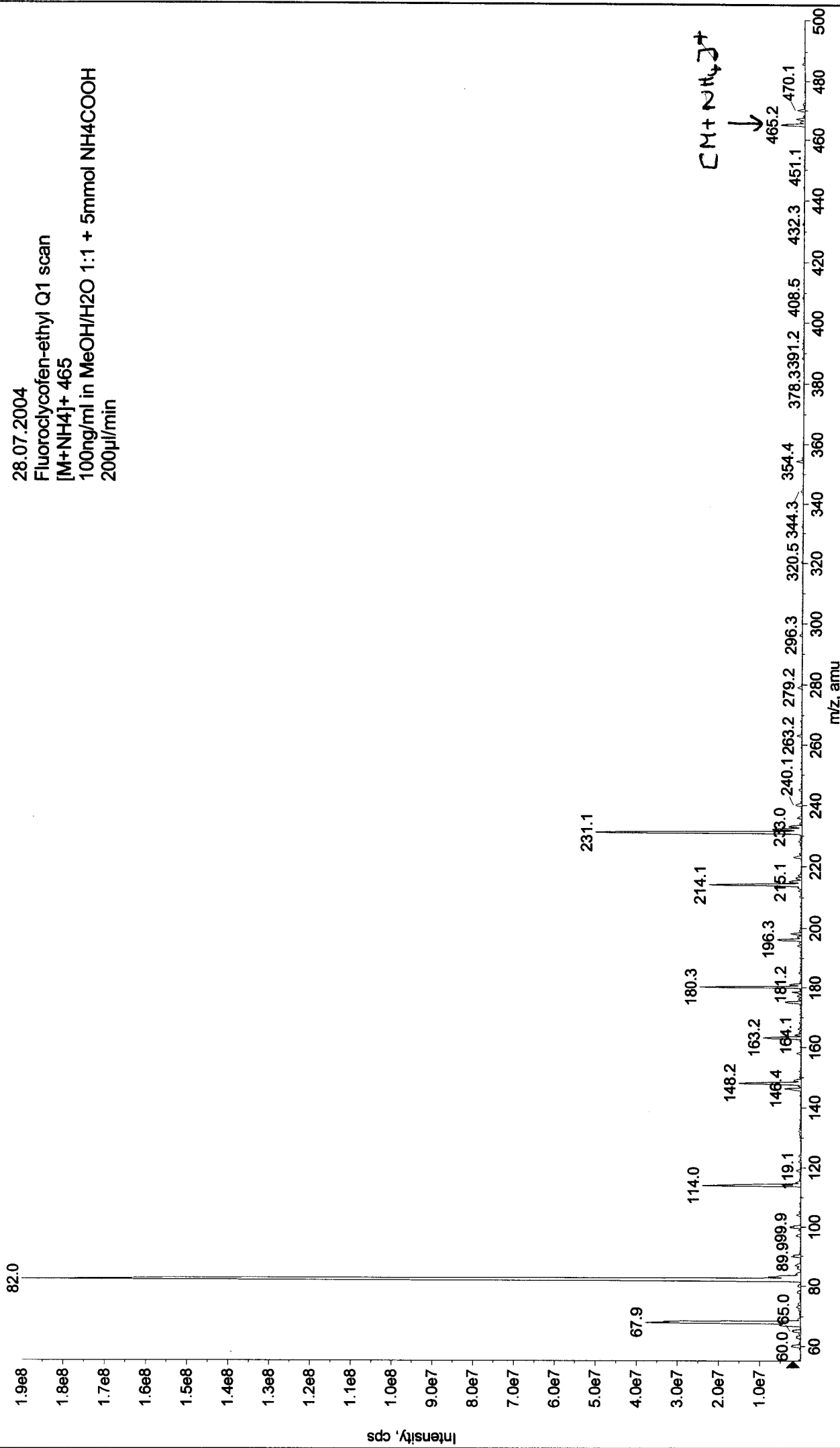
m/z 344 / 346

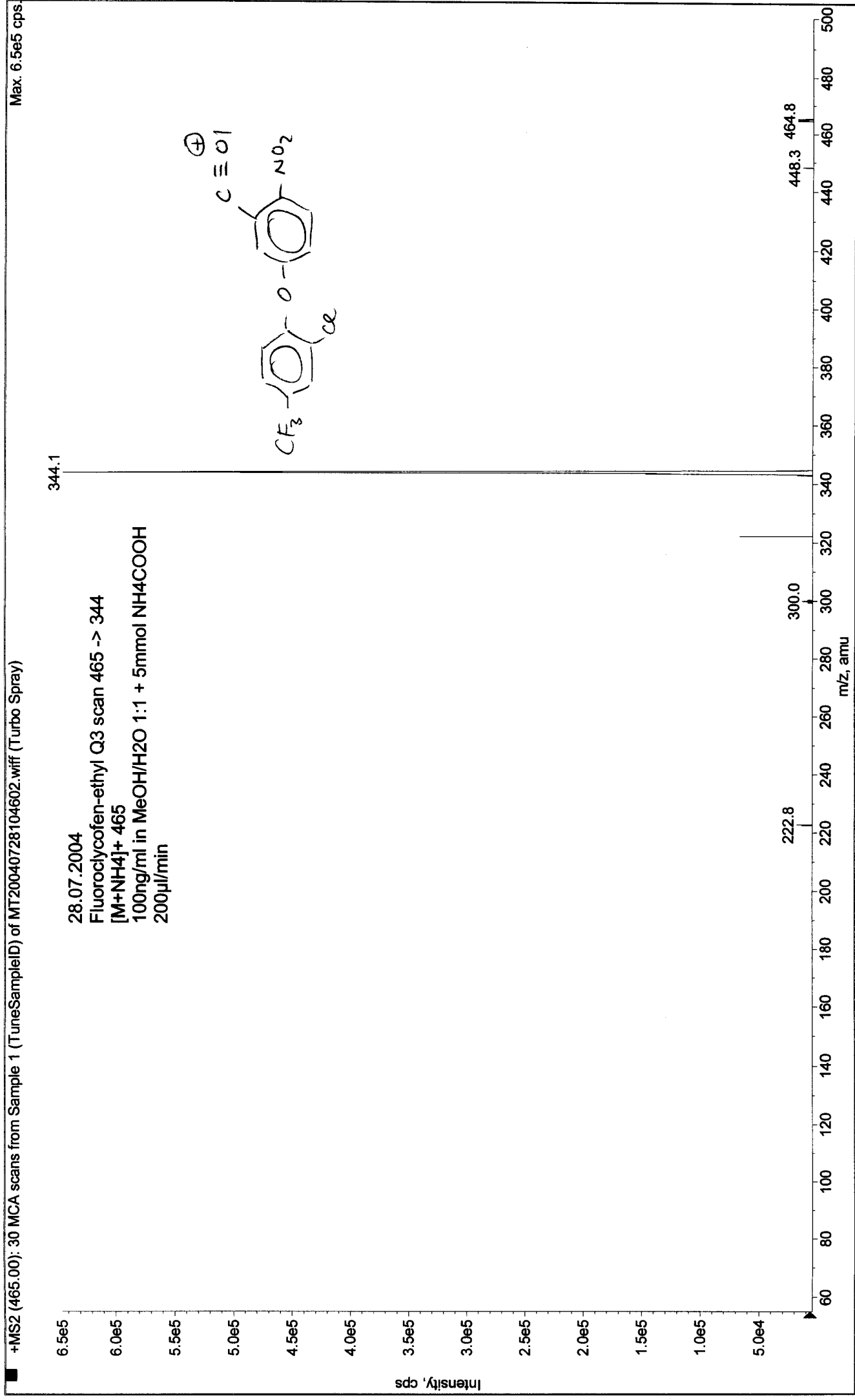


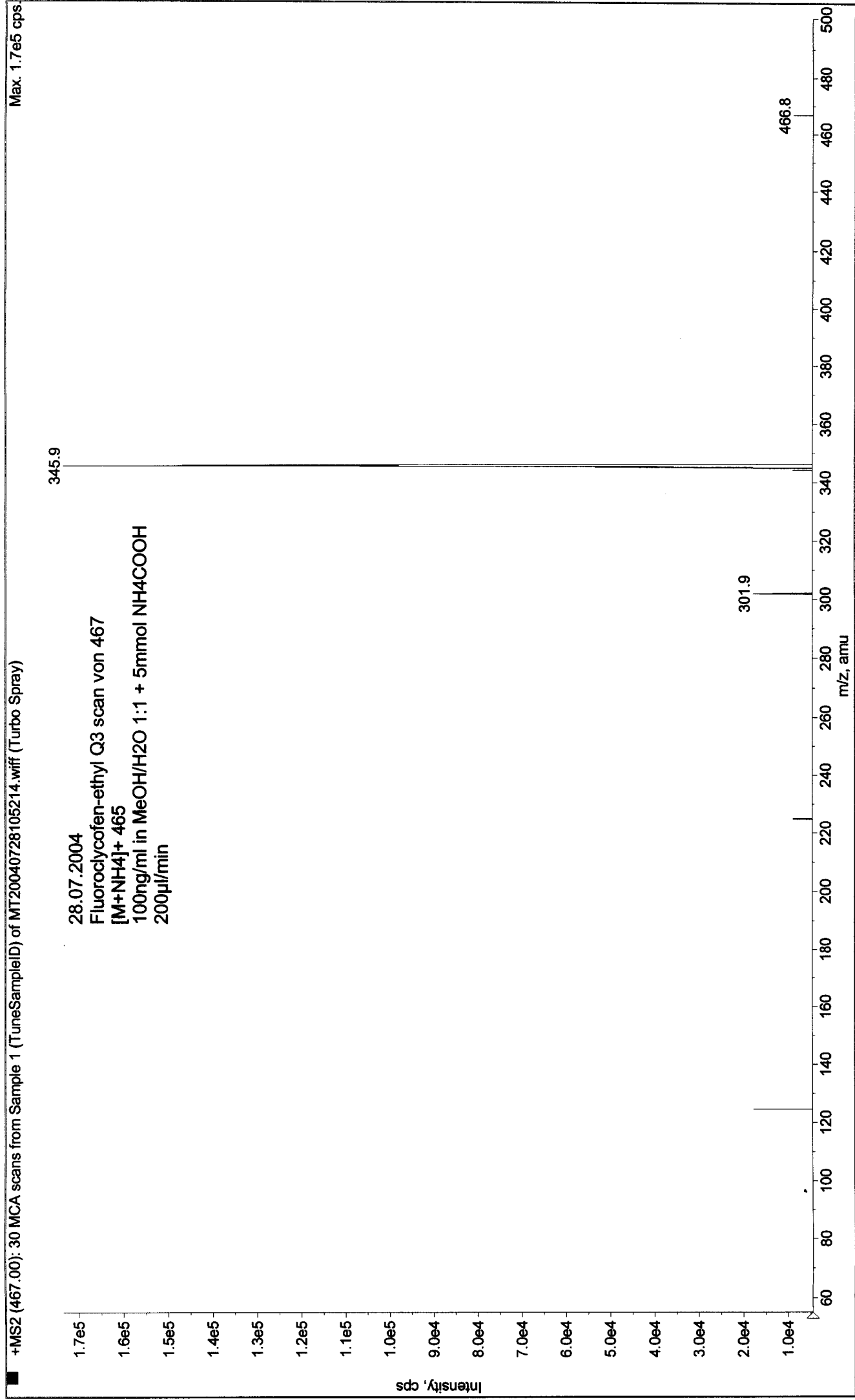
m/z 223 / 225

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728104315.wiff (Turbo Spray)

Max. 1.9e8 cps







Max. 1.8e5 cps

+MS2 (465.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040728110309.wiff (Turbo Spray)

