

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

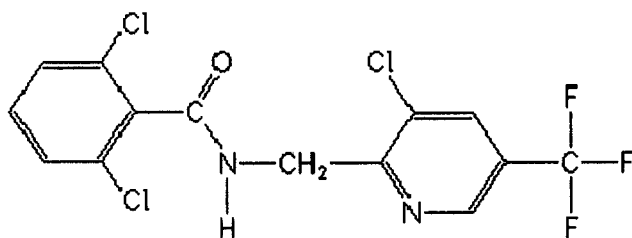
Analyte: Fluopicolide

CAS No.: 239110-15-7

Formula: C₁₄H₈Cl₃F₃N₂O

Molecular mass (lowest isotopes): 381,97 amu

Structure:



Ionisation: ESI +

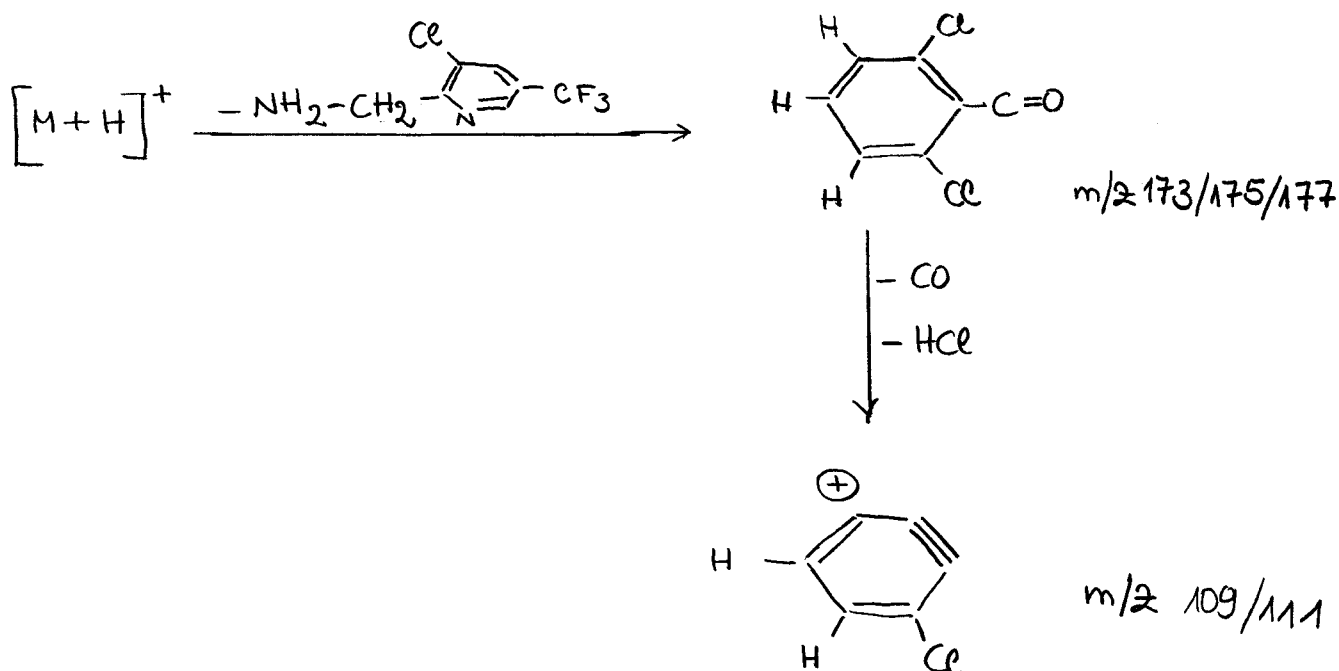
Quasimolecular ion: 383,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	383,0 → 173,0	383,0 → 109,0
Declustering potential (DP)*)	18,5 V	18,5 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12 V	12 V
Collision cell entrance potential (CEP)	20 V	24 V
Collision energy (CE)	31 V	87 V
Collision cell exit potential (CXP)	8 V	4 V

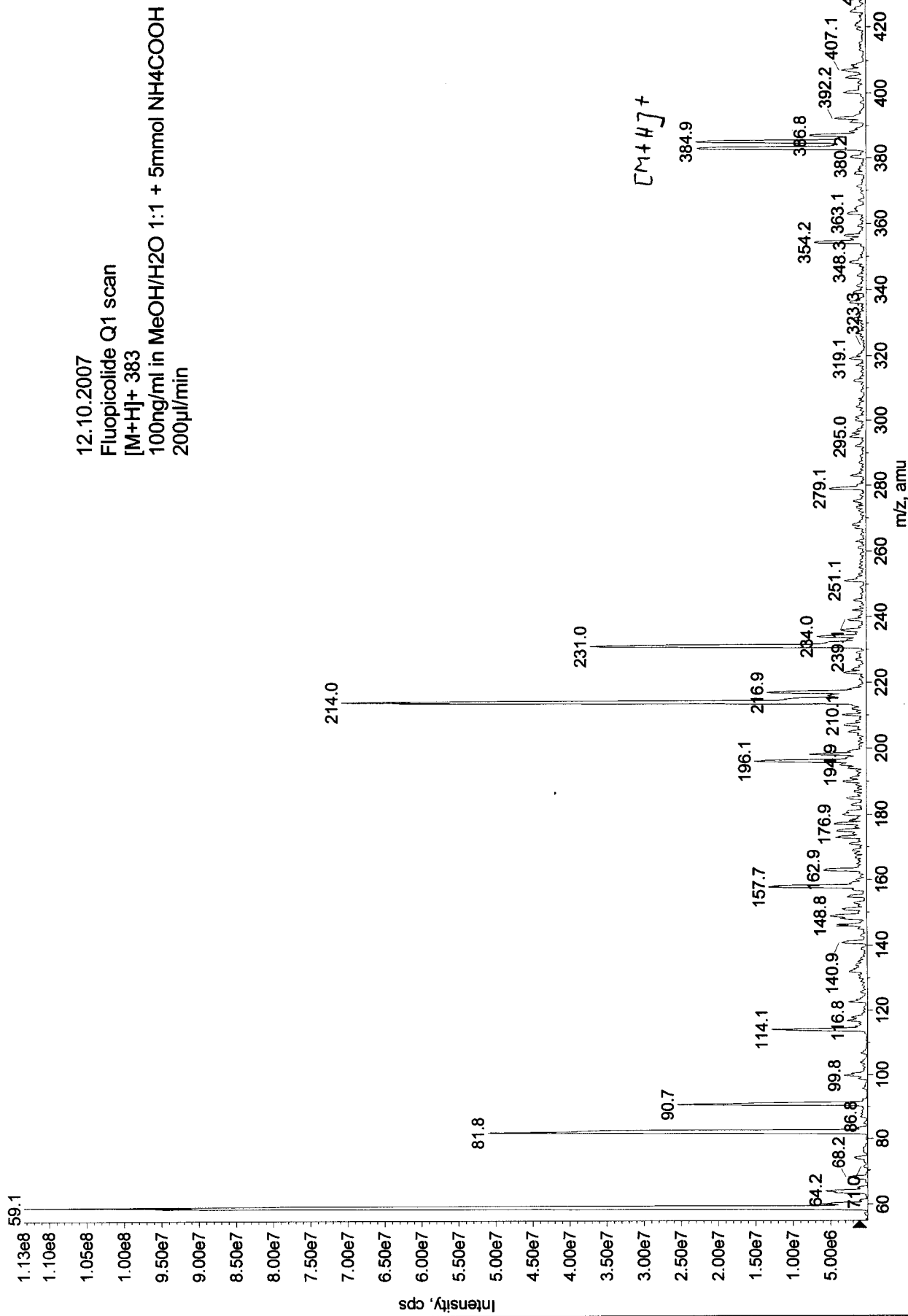
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation



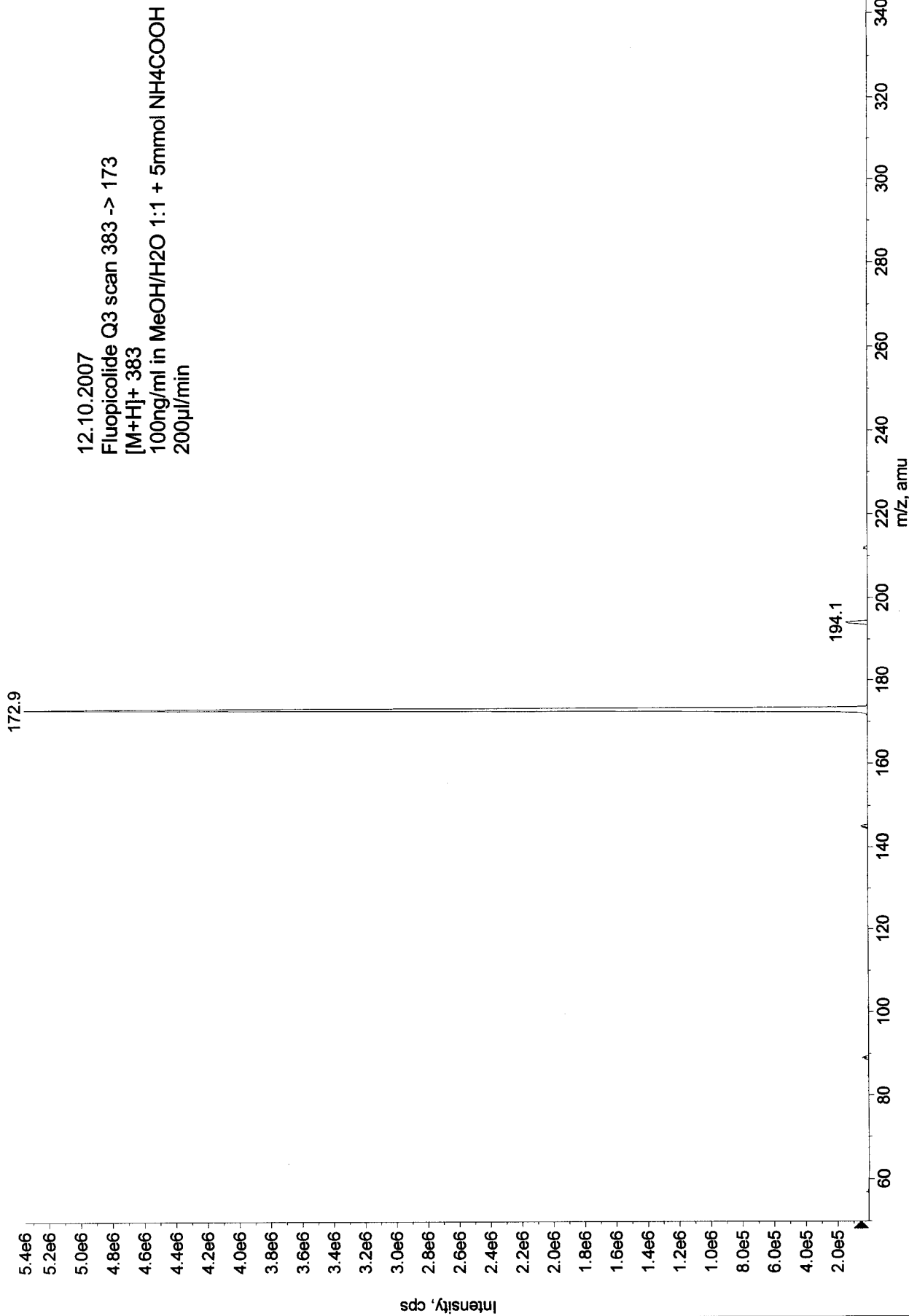
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071012082347.wiff (Turbo Spray)

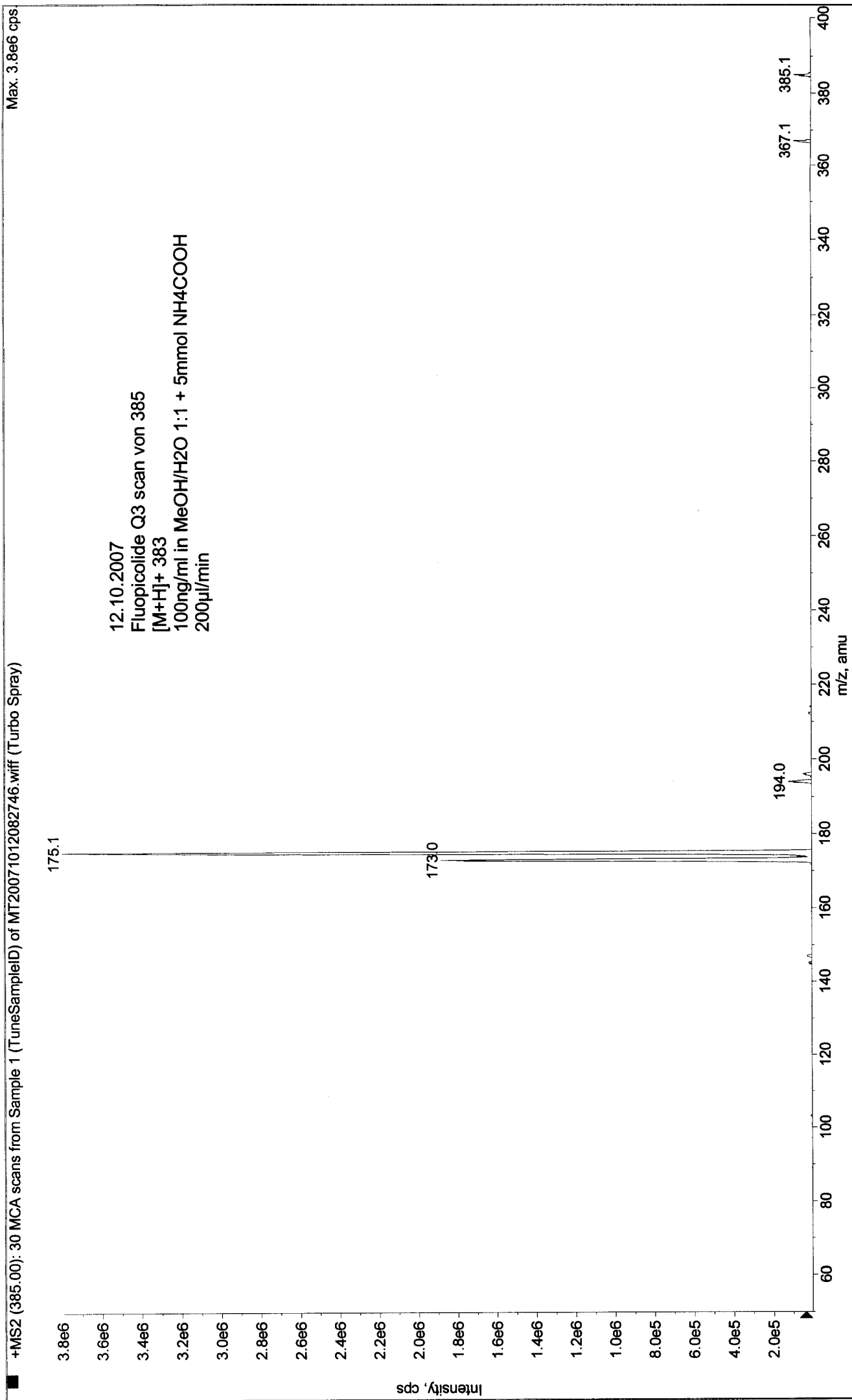
Max. 1.1e8 cps



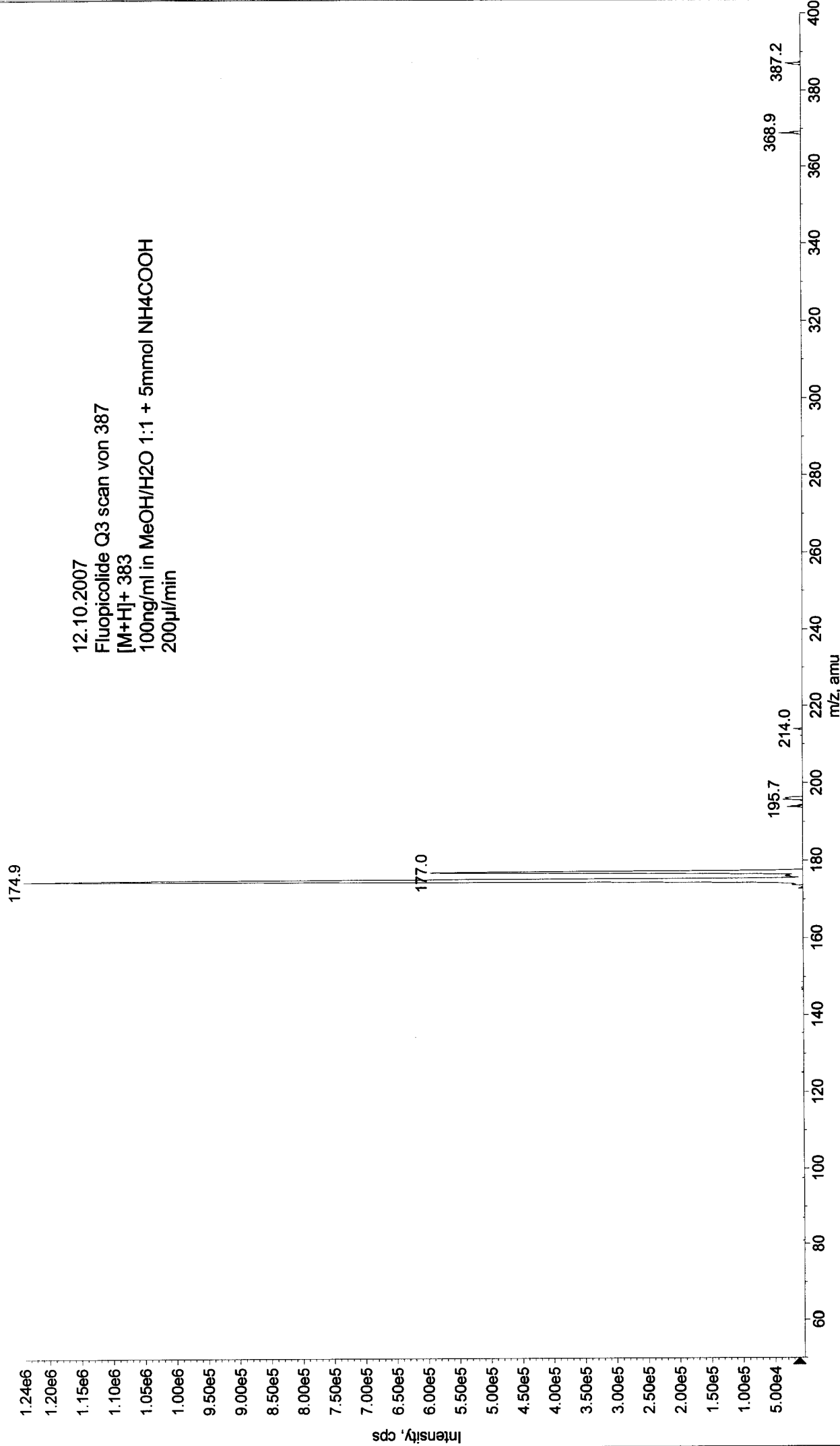
■ +MS2 (383.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071012082624.wiff (Turbo Spray)

Max. 5.4e6 cps



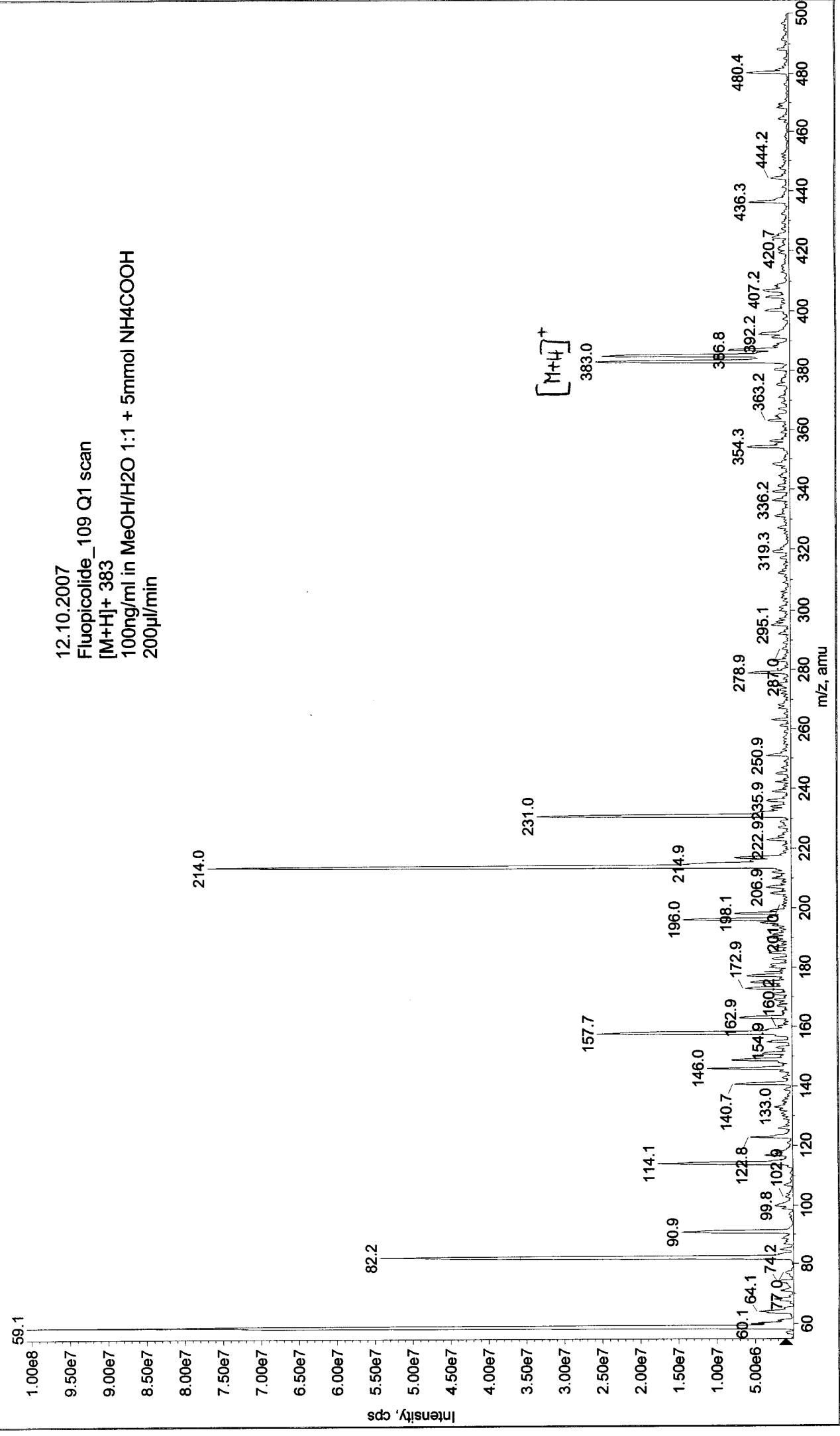


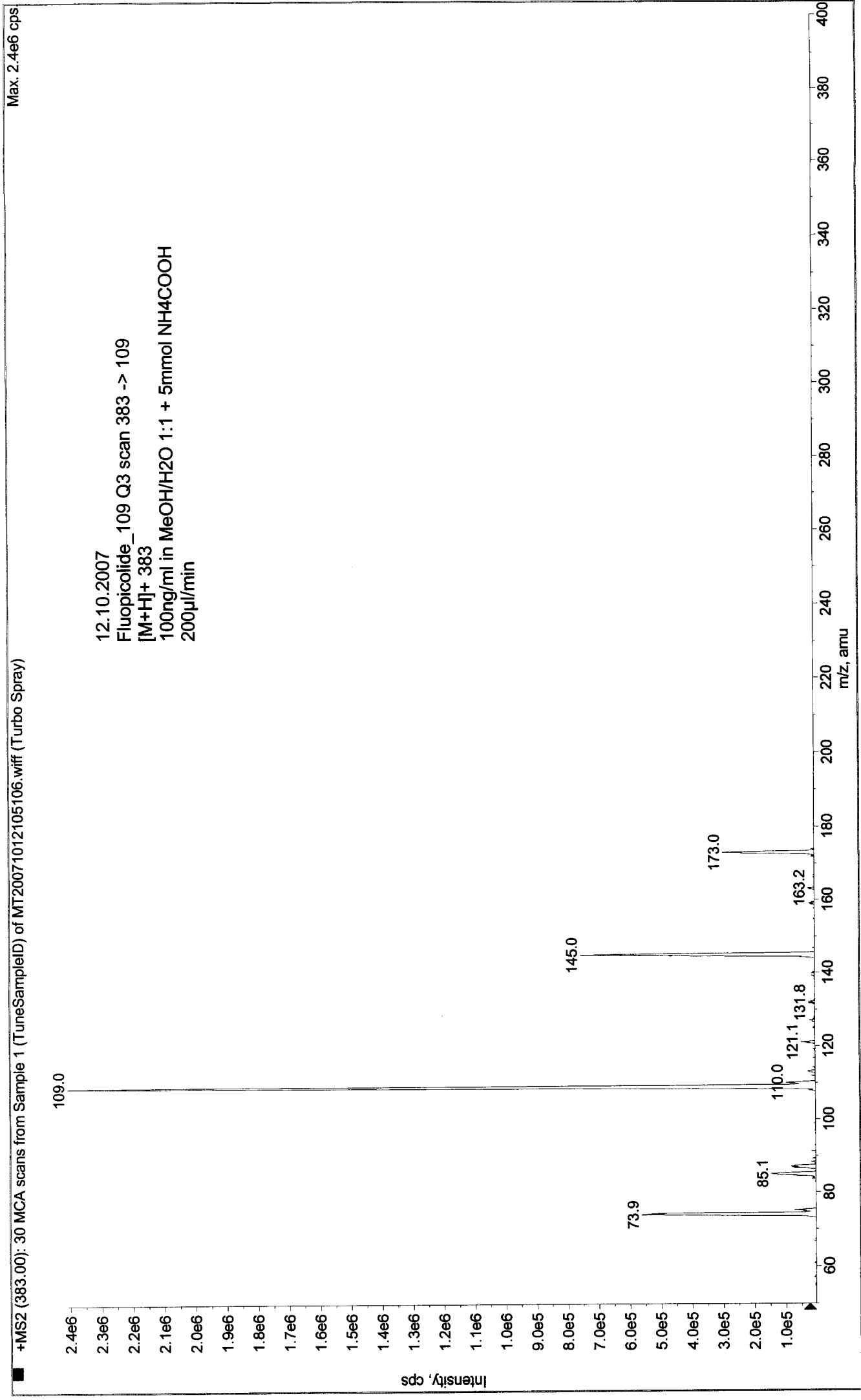
+MS2 (387.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071012082907.wiff (Turbo Spray) Max. 1.2e6 cps

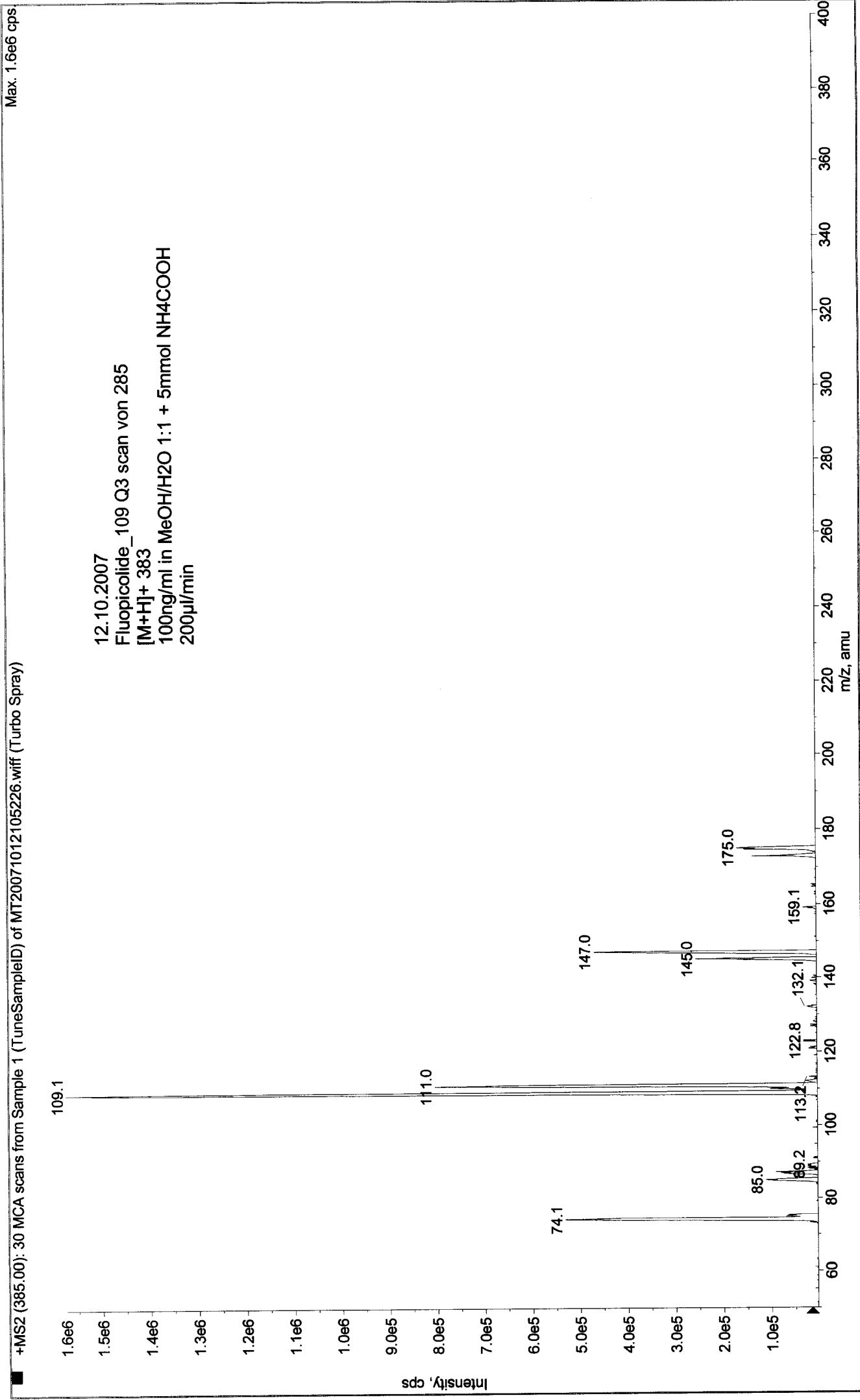


+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071012104925.wiff (Turbo Spray)

Max. 1.0e8 cps







■ +MS2 (387.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071012105344.wiff (Turbo Spray)

Max. 5.3e5 cps

