

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

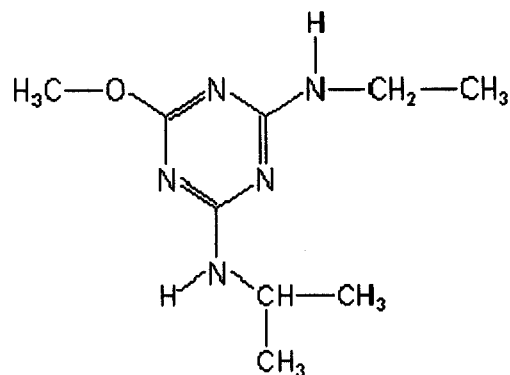
Analyte: Atraton

CAS No.: 1610-17-9

Formula: C₉H₁₇N₅O

Molecular mass (lowest isotopes): 211,14 amu

Structure:



Ionisation: ESI +

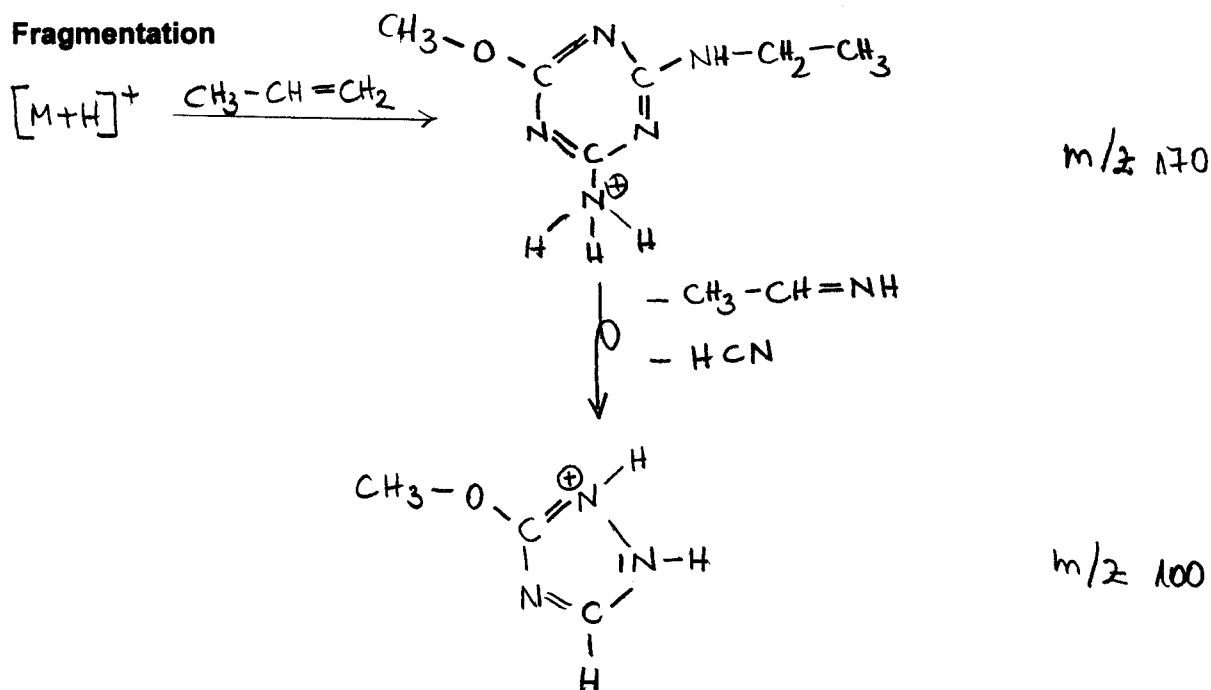
Quasimolecular ion: 212,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	212,1 → 170,1	212,1 → 100,1
Declustering potential (DP) ^{*)}	21 V	21 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	8,5 V	8 V
Collision cell entrance potential (CEP)	14 V	12 V
Collision energy (CE)	25 V	37 V
Collision cell exit potential (CXP)	8 V	4 V

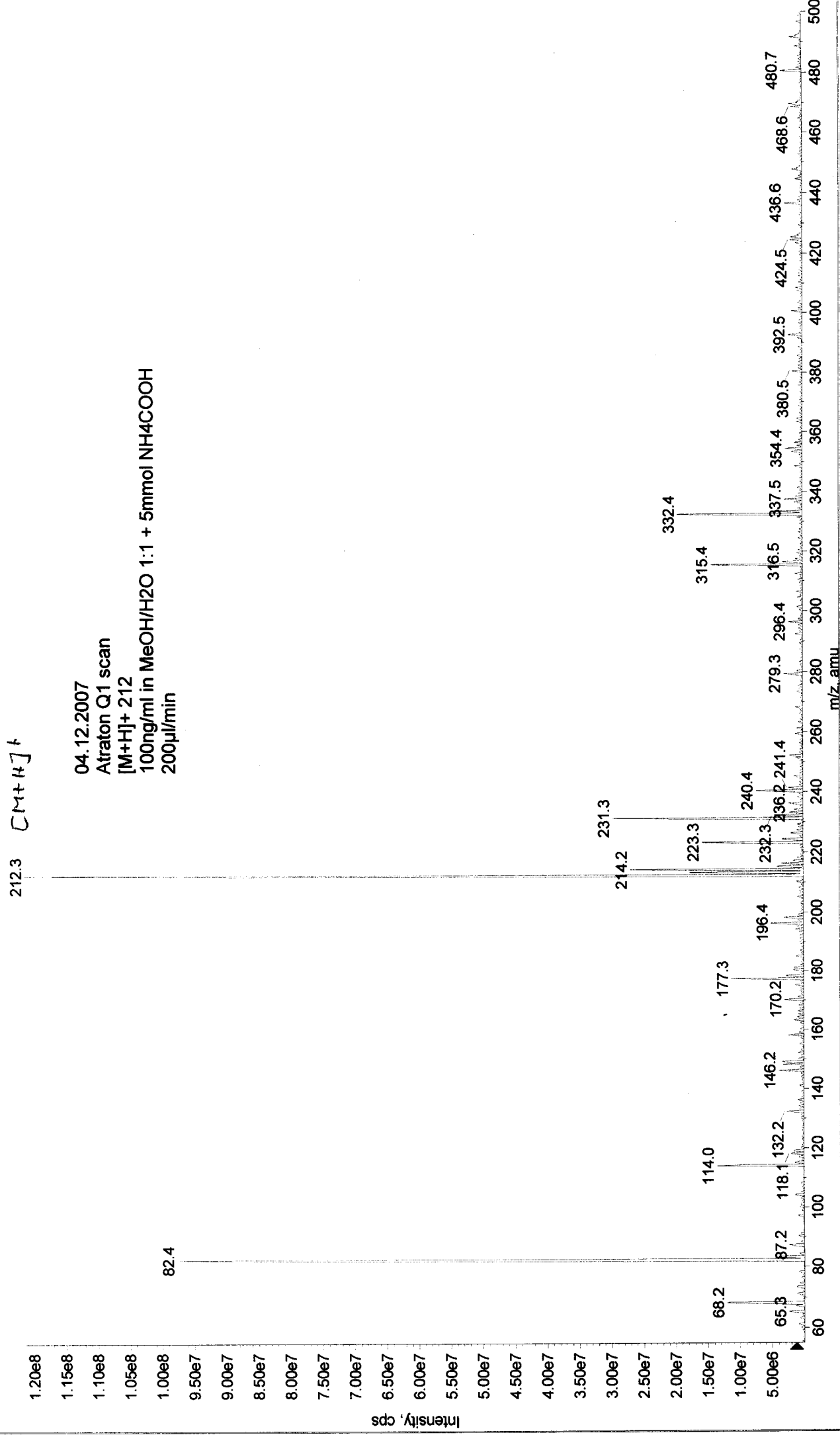
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



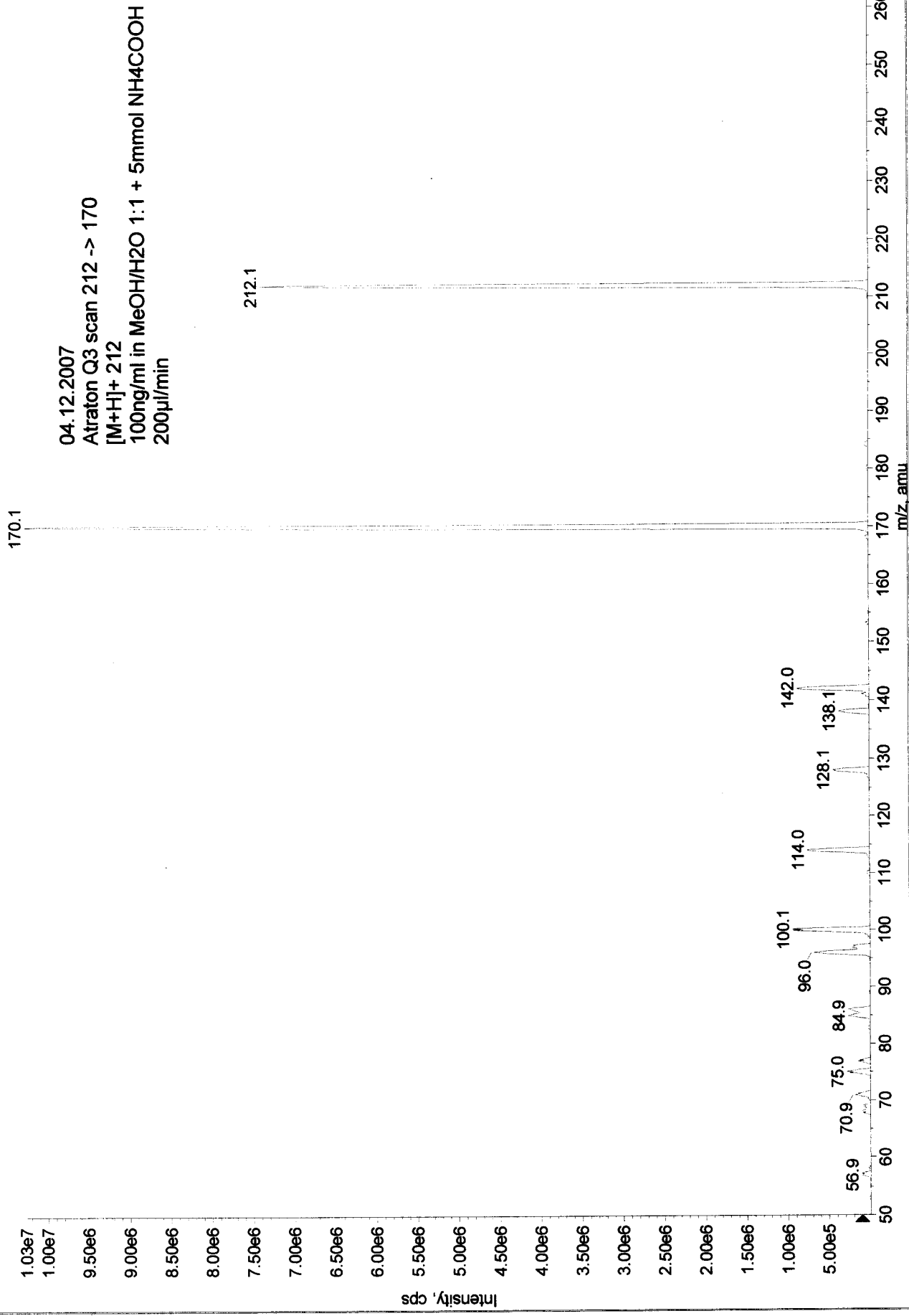
■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204113801.wiff (Turbo Spray)

Max. 1.2e8 cps.



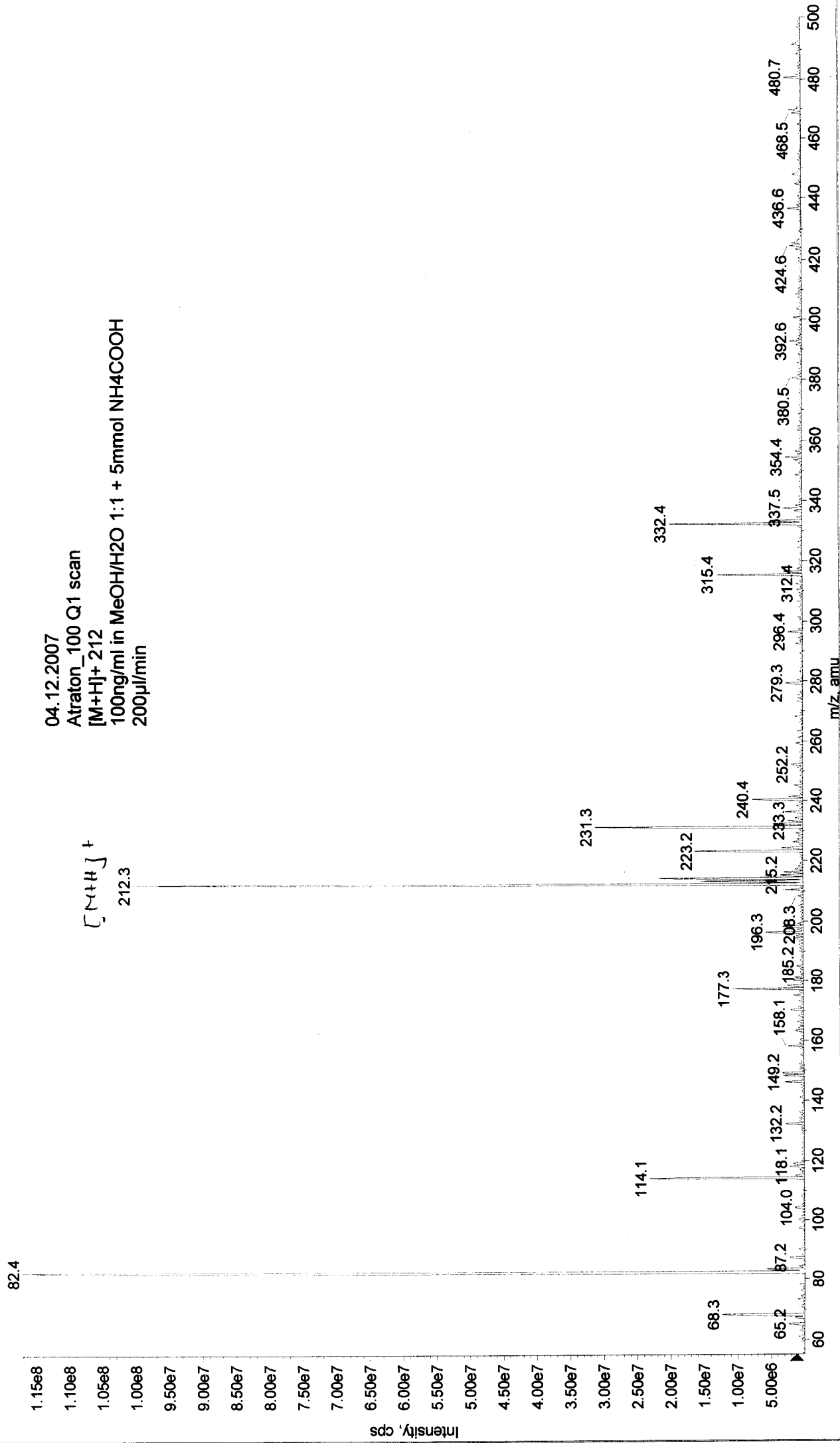
Max. 1.0e7 cps.

+MS2 (212.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204114031.wiff (Turbo Spray)



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204114830.wiff (Turbo Spray)

Max. 1.2e8 cps.



Max. 2.7e6 cps.

+MS2 (212.20): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071204115055.wiff (Turbo Spray)

