

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

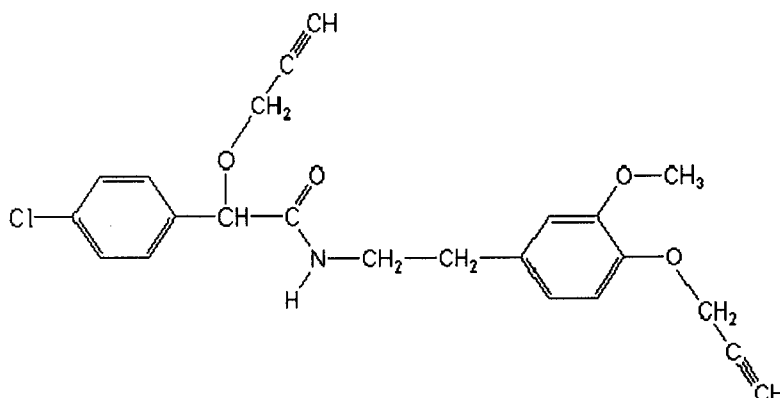
Analyte: Mandipropamid

CAS No.: 374726-62-2

Formula: C₂₃H₂₂ClNO₄

Molecular mass (lowest isotopes): 411,12 amu

Structure:



Ionisation: ESI +

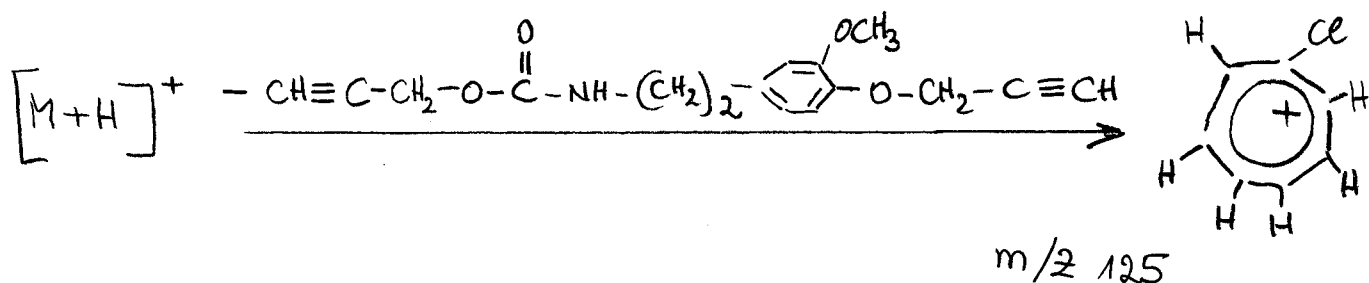
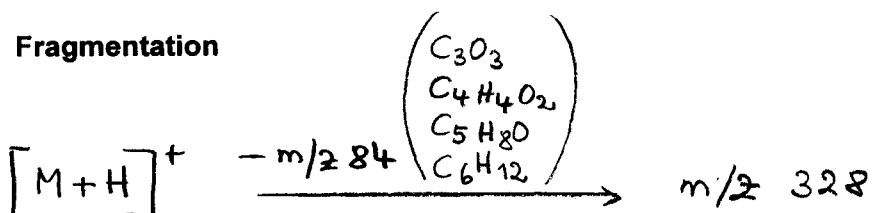
Quasimolecular ion: 412,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	412,1 → 125,0	412,1 → 328,1
Declustering potential (DP) ^{*)}	38,5 V	38,5 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,5 V	7,5 V
Collision cell entrance potential (CEP)	26 V	20 V
Collision energy (CE)	47 V	21 V
Collision cell exit potential (CXP)	6 V	18 V

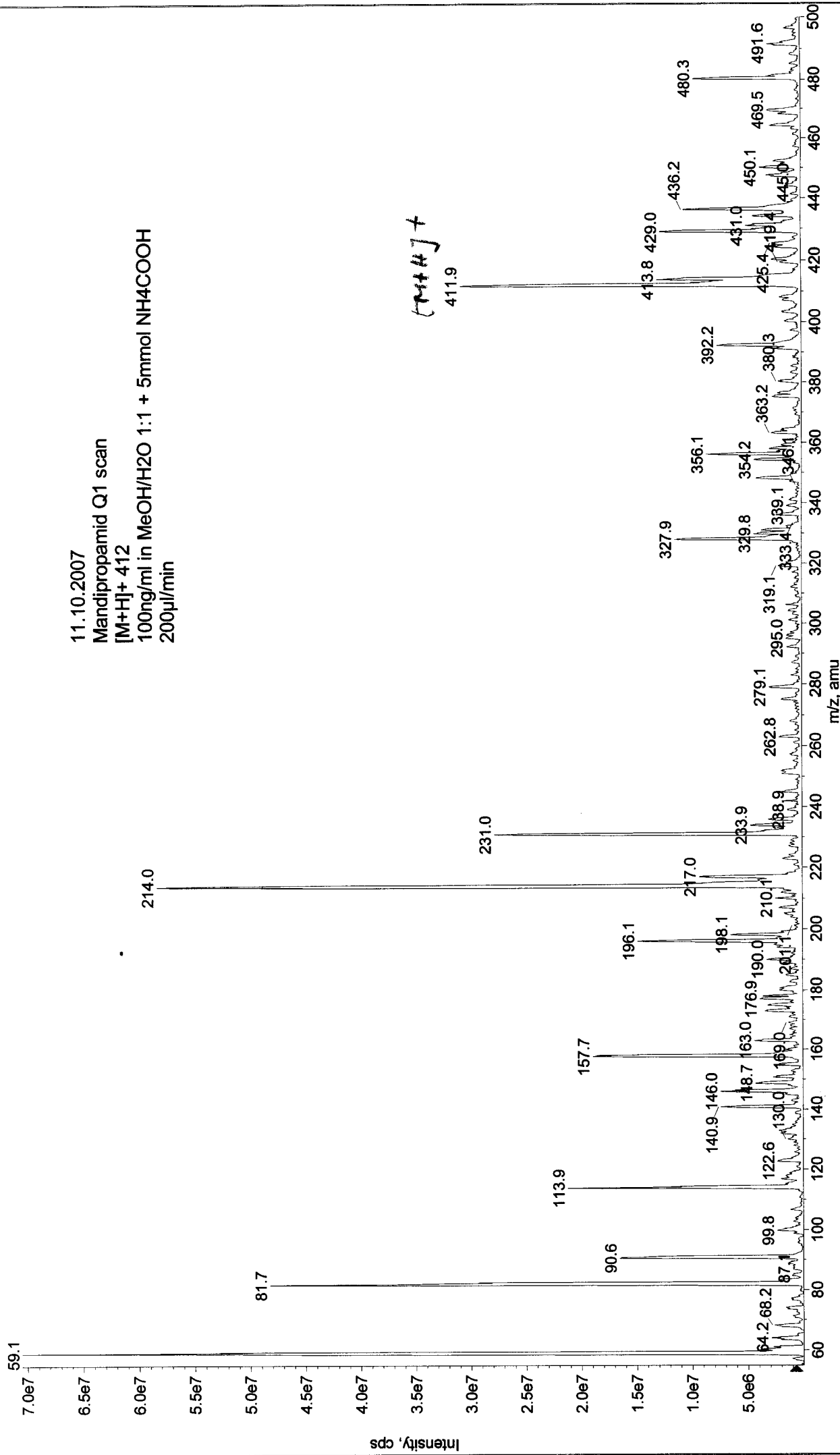
*) For API 3000 and 4000 enhance DP by 20V

Fragmentation



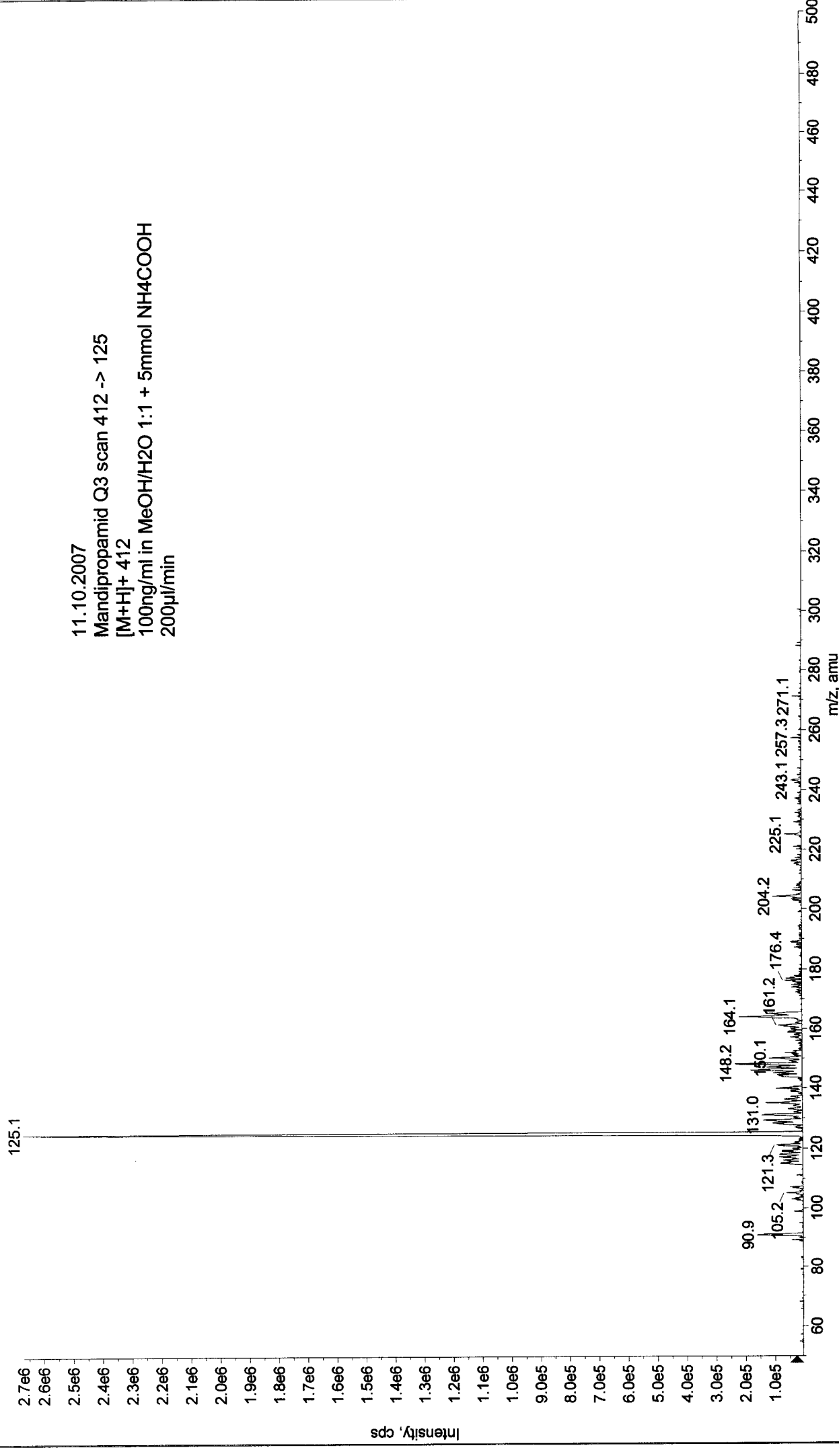
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20071011105353.wiff (Turbo Spray)

Max. 7.0e7 cps



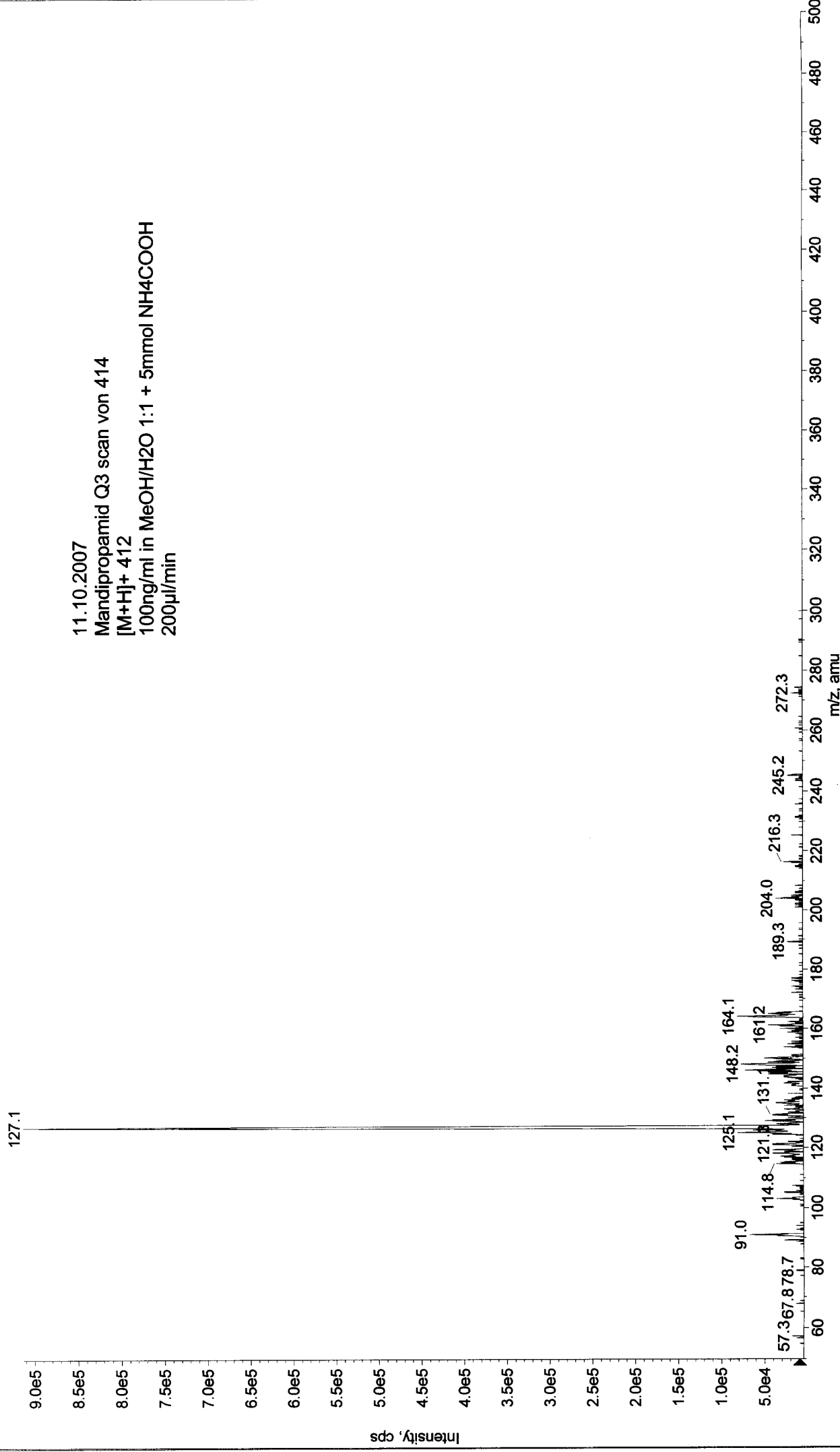
Max. 2.7e6 cps

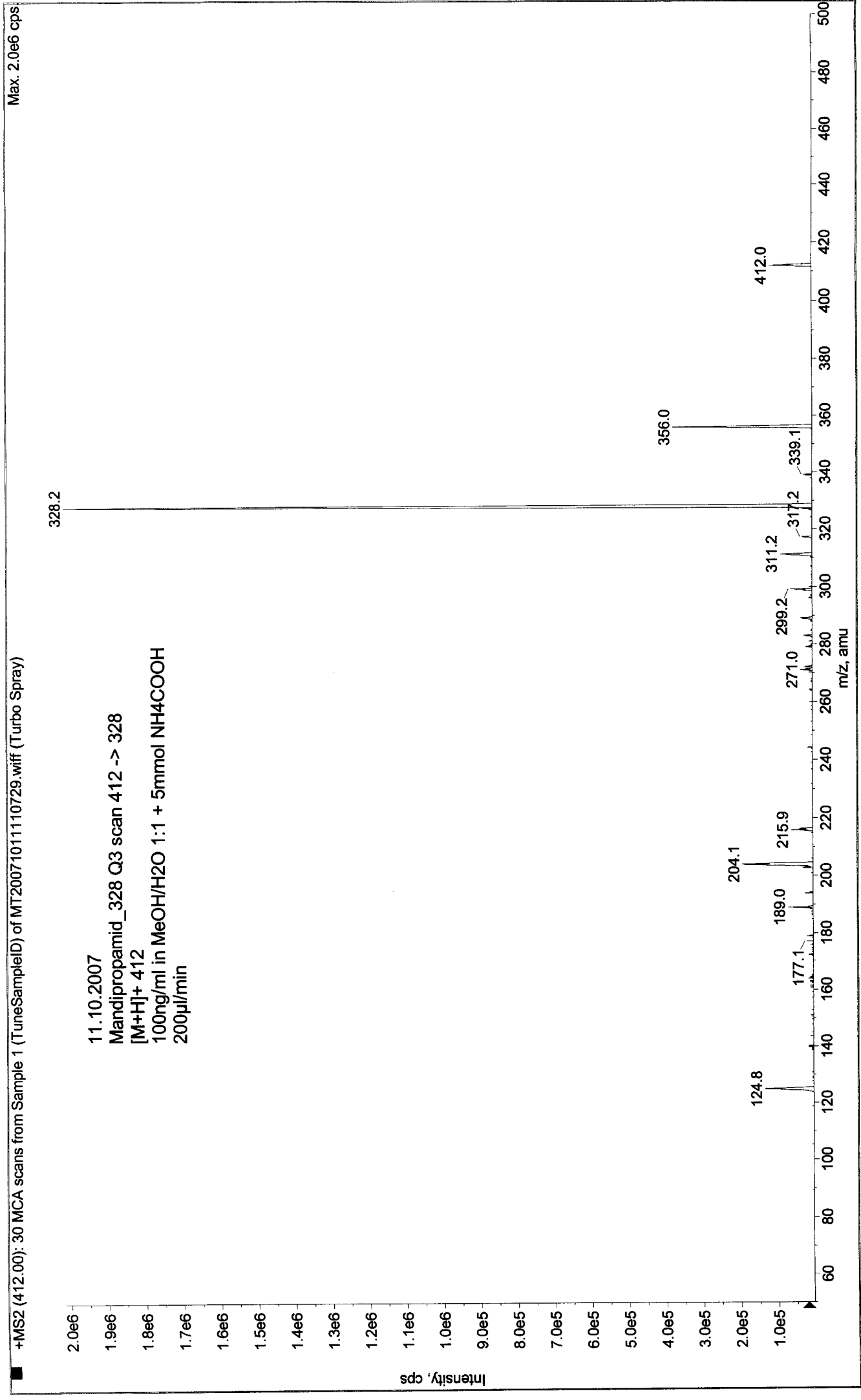
+MS2 (412.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071011105824.wiff (Turbo Spray)



+MS2 (414.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071011110014.wiff (Turbo Spray)

Max. 9.1e5 cps





Max. 5.8e5 cps

+MS2 (414.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20071011110910.wiff (Turbo Spray)

