

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

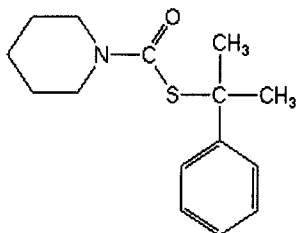
Analyte: Dimepiperate

CAS No.: 61432-55-1

Formula: C₁₅H₂₁NOS

Molecular mass (lowest isotopes): 263,13 amu

Structure:



Ionisation: ESI +

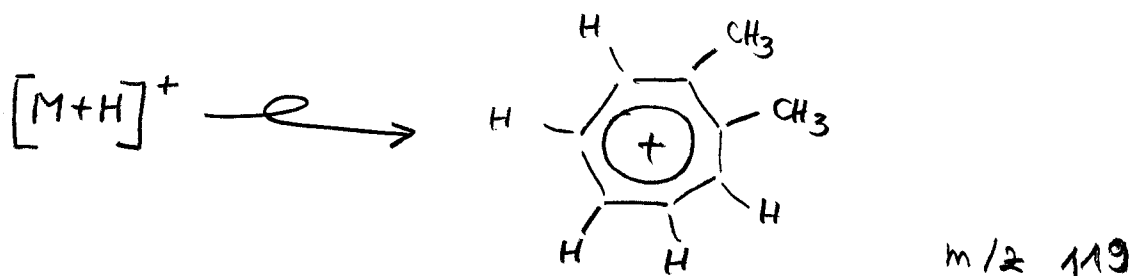
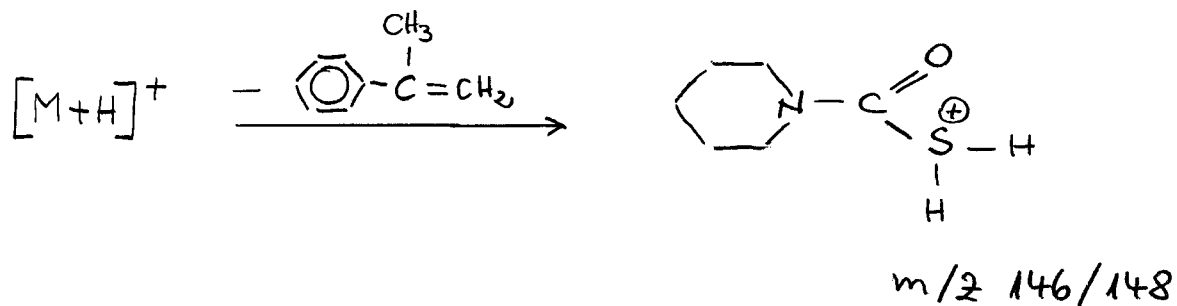
Quasimolecular ion: 264,1 amu = [M+H]⁺

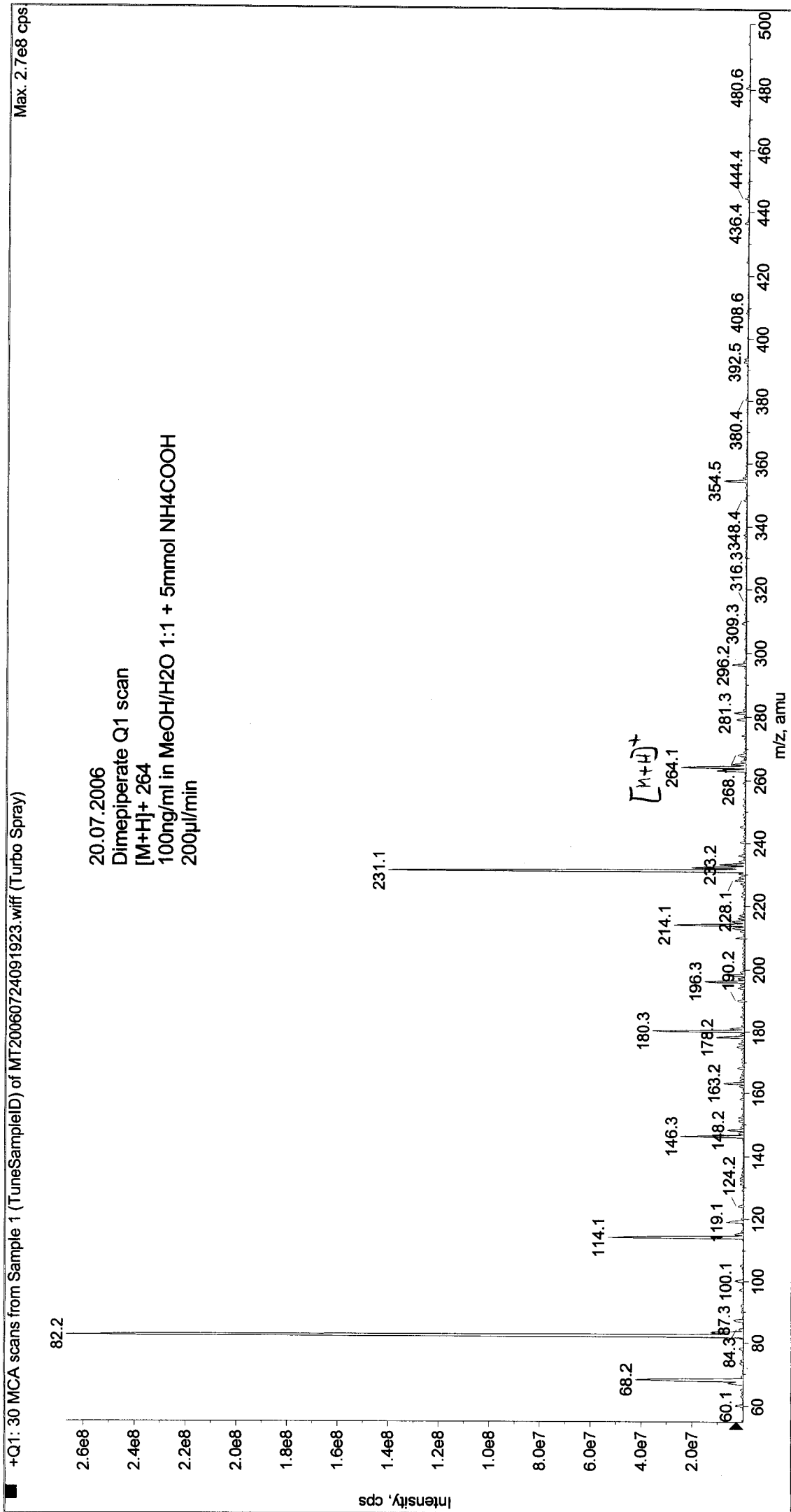
Analyte sensitive parameter set (API 2000)

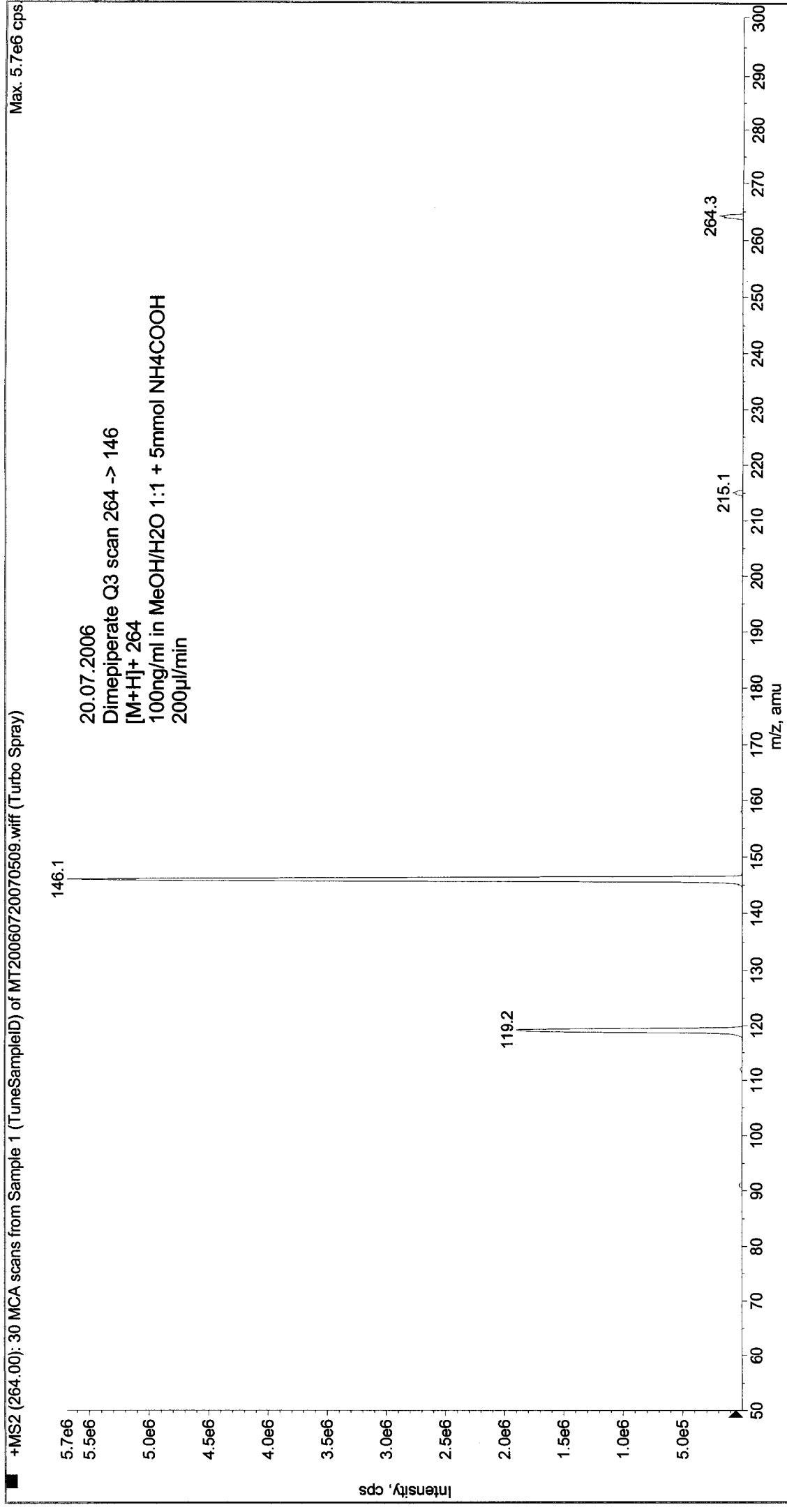
Transition	264,1 → 145,9	264,1 → 119,1
Declustering potential (DP) ^{*)}	14 V	14 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,0 V	12,0 V
Collision cell entrance potential (CEP)	18 V	16 V
Collision energy (CE)	15 V	19 V
Collision cell exit potential (CXP)	8 V	6 V

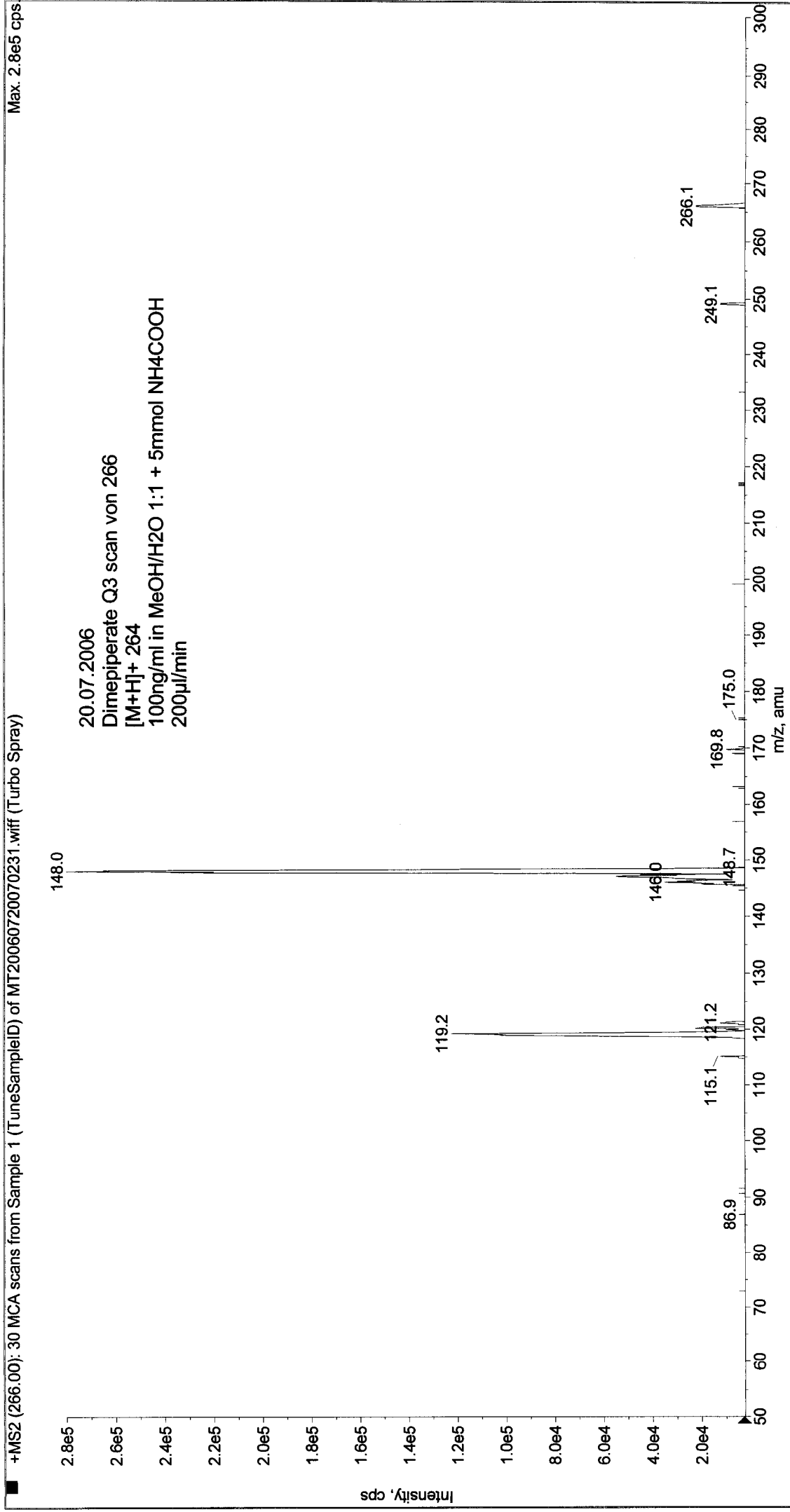
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation





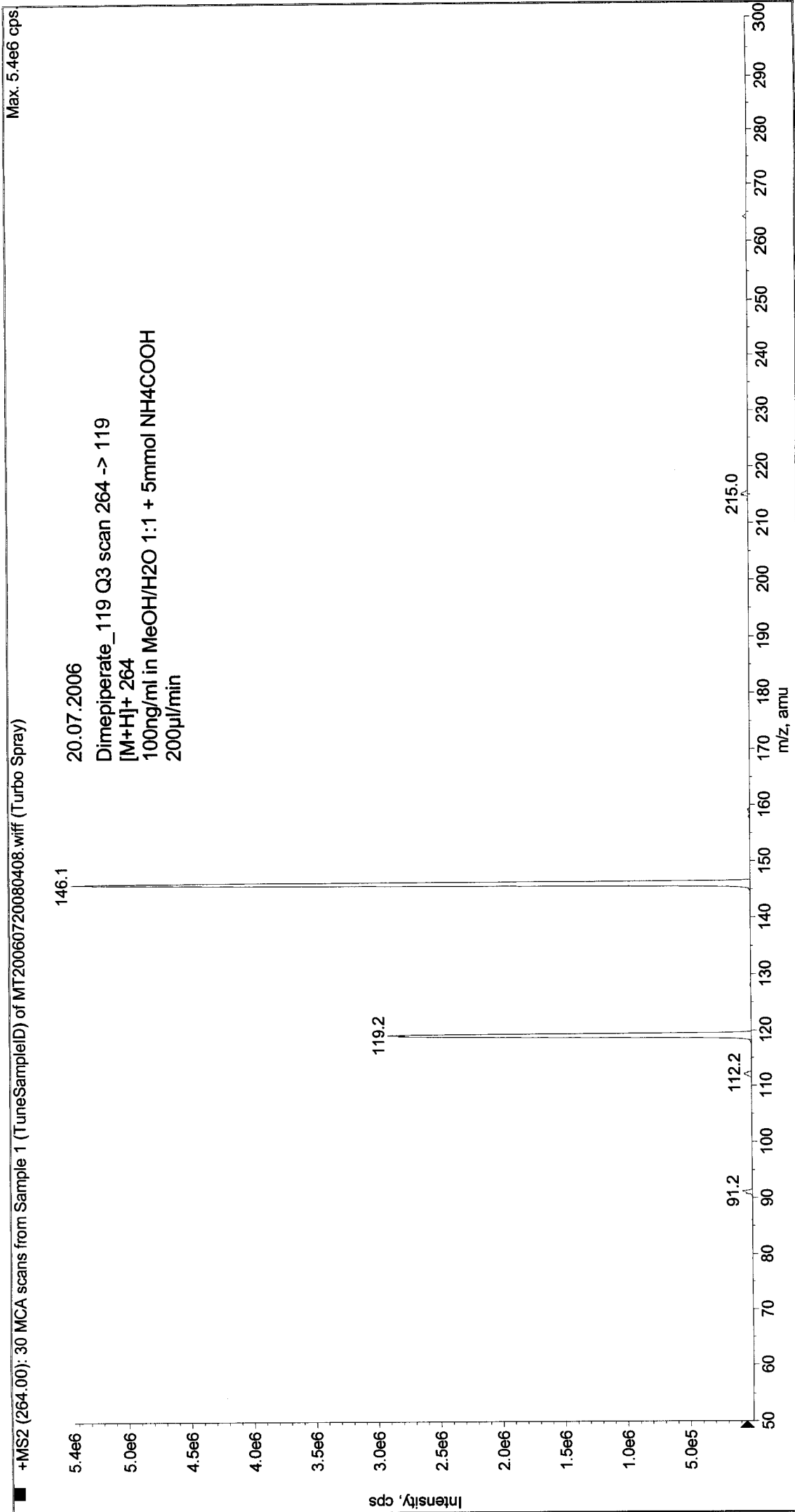




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Batch Name: ManualTune.bat



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