

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

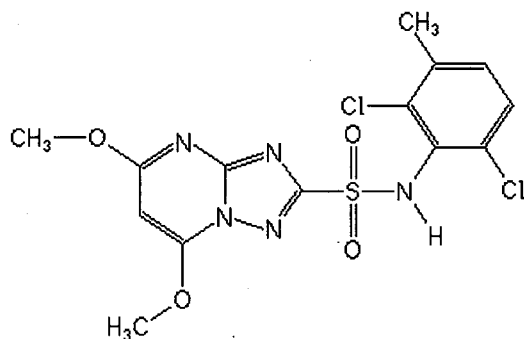
Analyte: Metosulam

CAS No.: 139528-85-1

Formula: C₁₄H₁₃Cl₂N₅O₄S

Molecular mass (lowest isotopes): 417,01 amu

Structure:



Ionisation: ESI +

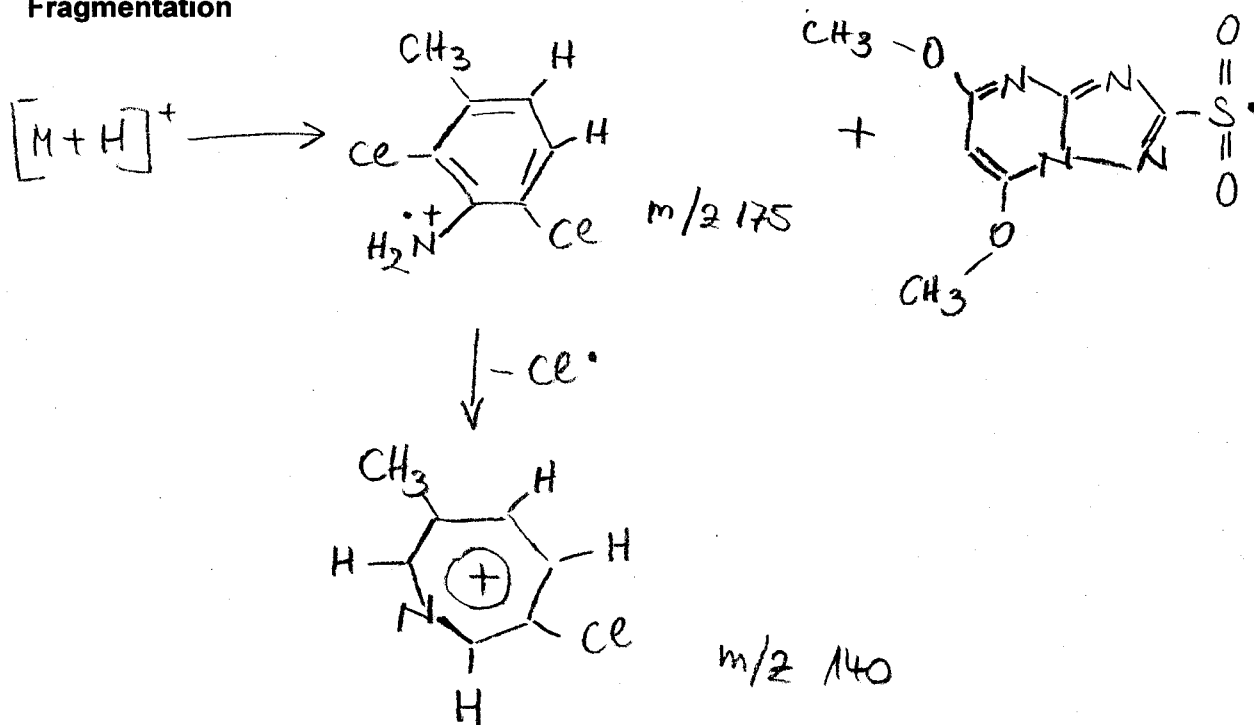
Quasimolecular ion: 418,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

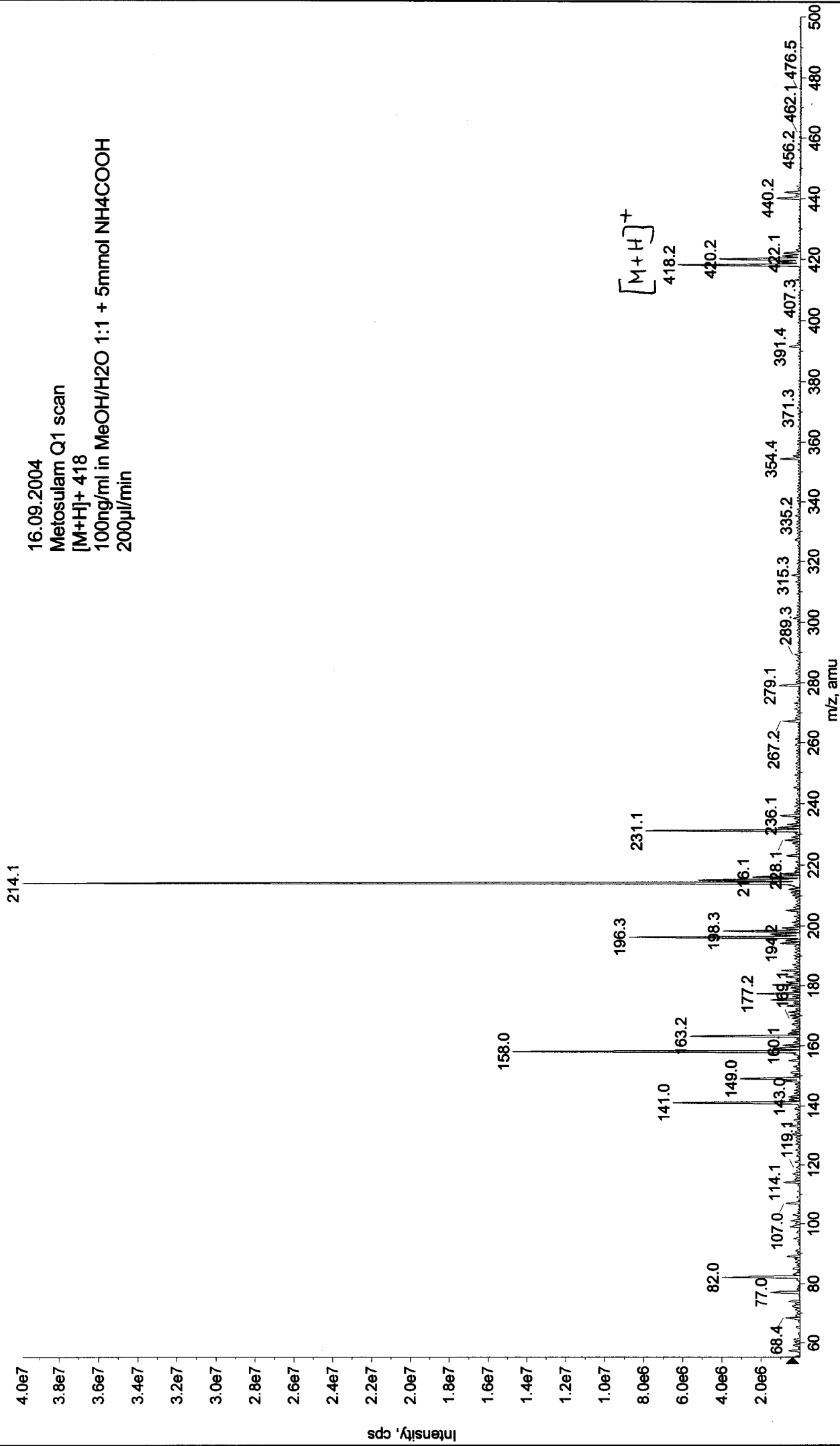
Transition	418,0 → 175,1	418,0 → 140,1
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,5 V	10,5 V
Collision cell entrance potential (CEP)	14 V	18 V
Collision energy (CE)	27 V	69 V
Collision cell exit potential (CXP)	6 V	6 V

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

Fragmentation

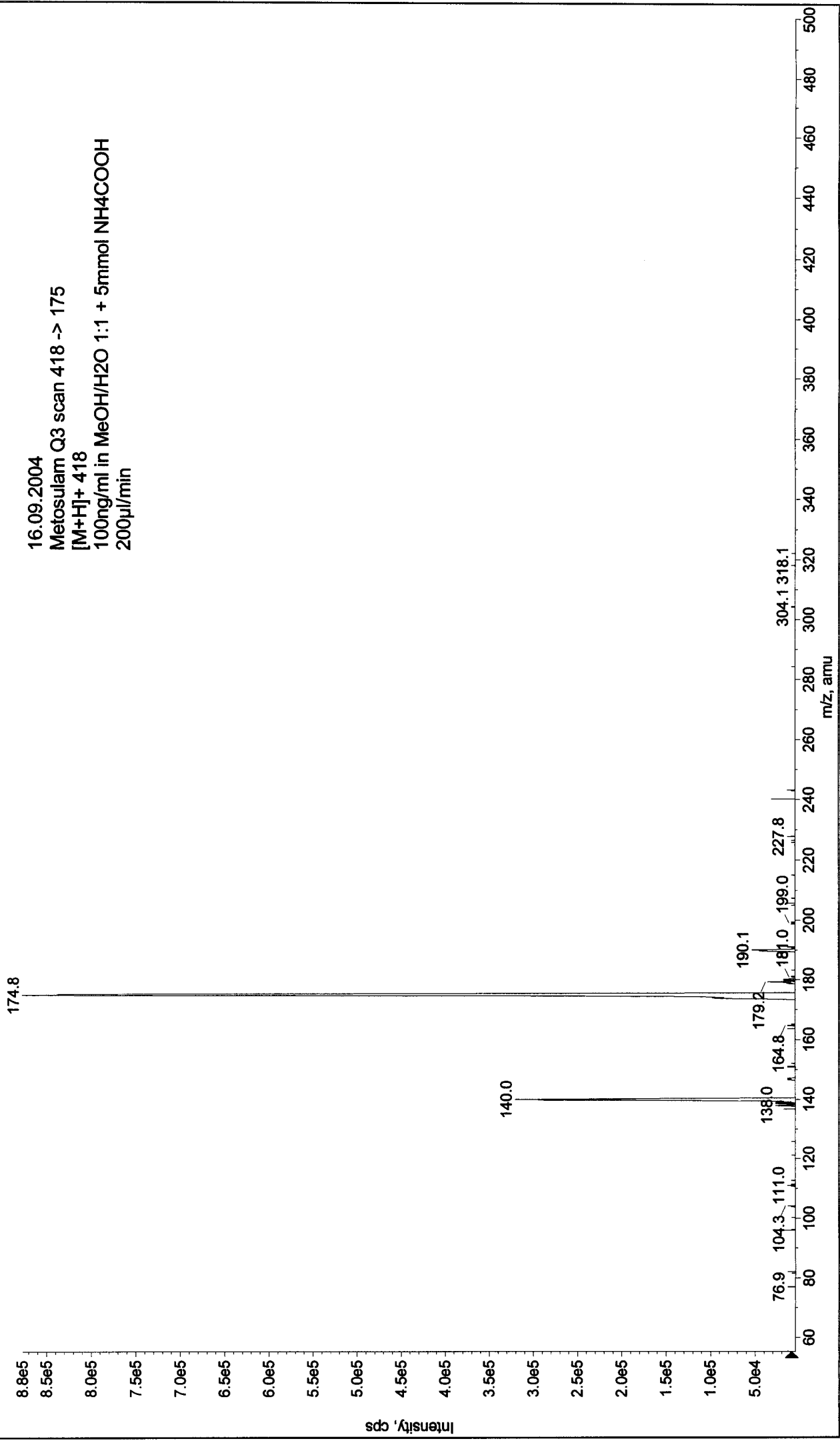


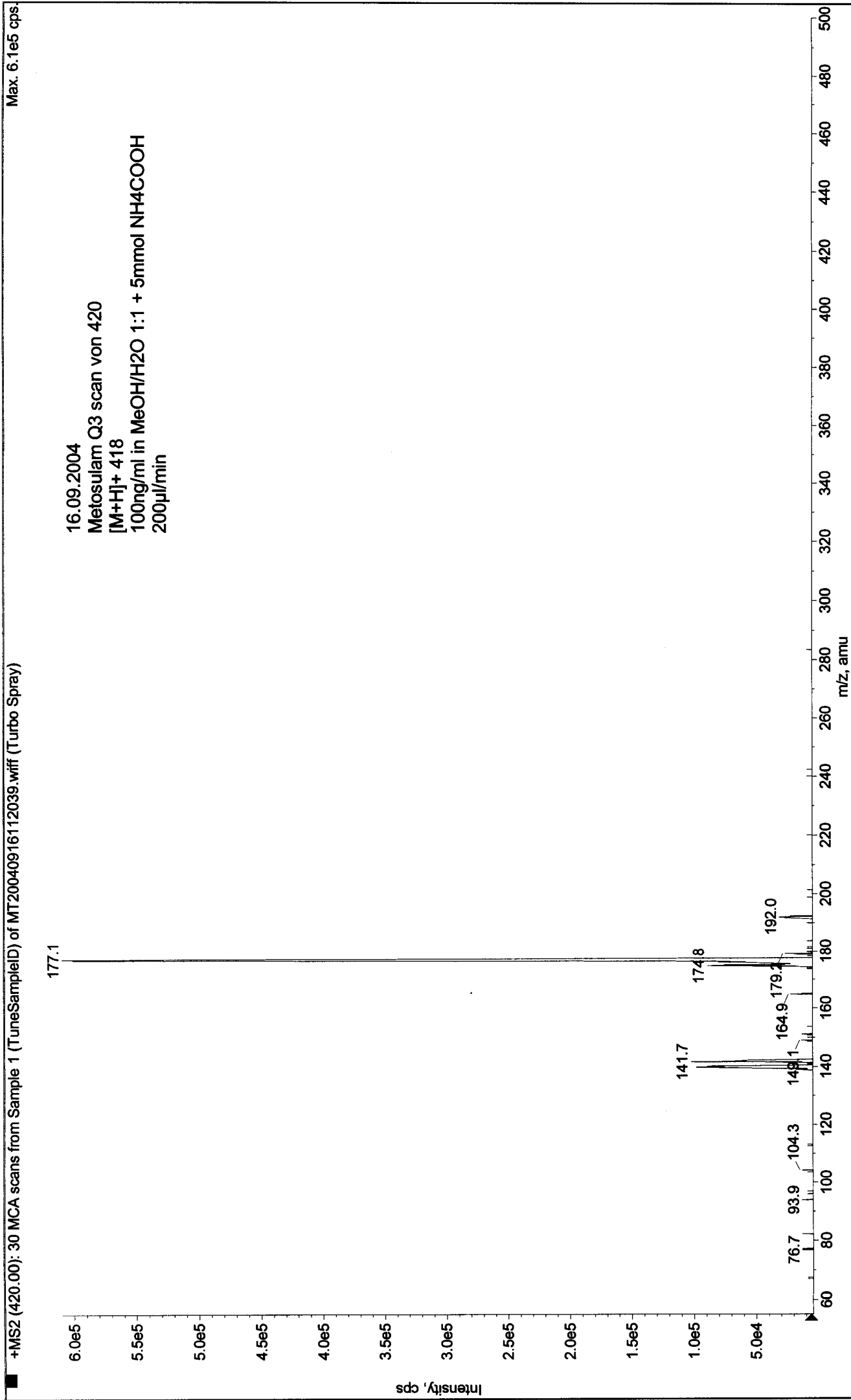
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040916110437.wiff (Turbo Spray) Max. 4.0e7 cps



Max. 8.8e5 cps

+MS2 (418.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040916111855.wiff (Turbo Spray)





Max. 6.9e5 cps

