

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

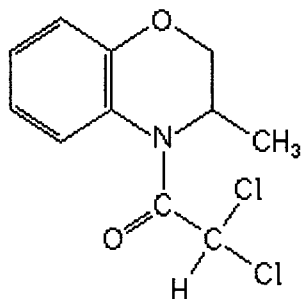
Analyte: Benoxacor

CAS No.: 98730-04-2

Formula: C₁₁H₁₁Cl₂NO₂

Molecular mass (lowest isotopes): 259,02 amu

Structure:



Ionisation: ESI +

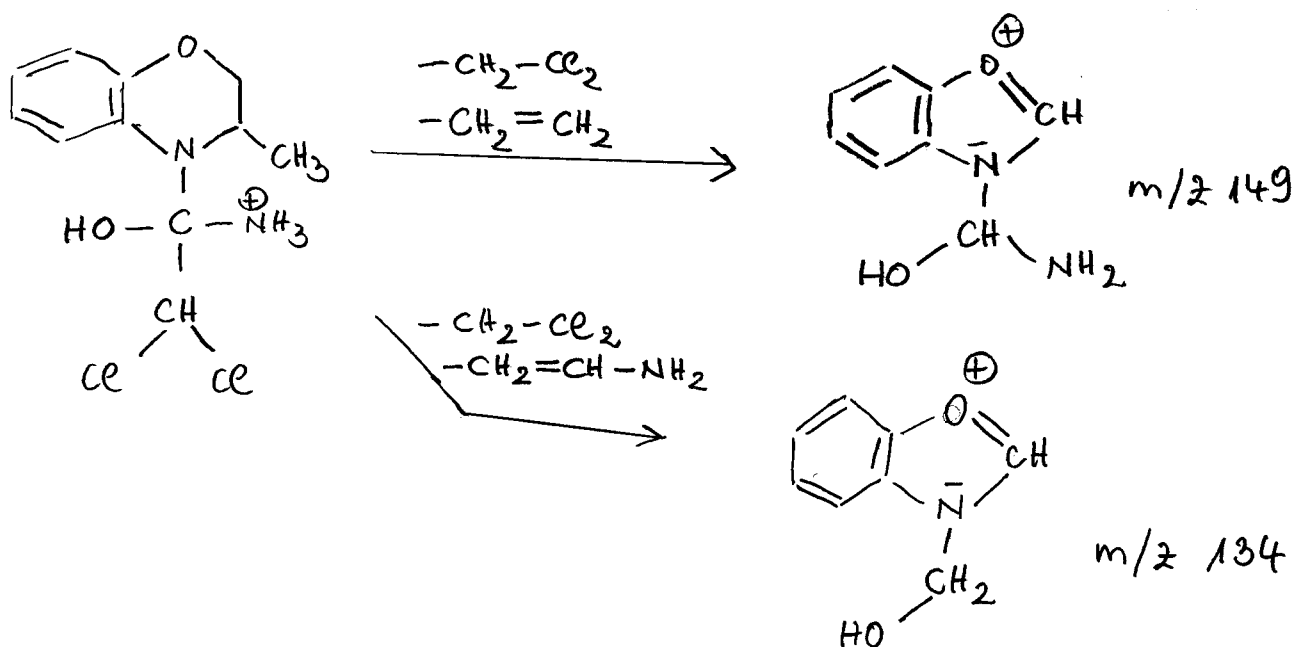
Quasimolecular ion: 277,0 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	277,0 → 149,1	277,0 → 134,1
Declustering potential (DP) ^{*)}	34 V	34 V
Focusing potential (FP)	350 V	370 V
Entrance potential (EP)	9,0 V	10,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	29 V	45 V
Collision cell exit potential (CXP)	8 V	6 V

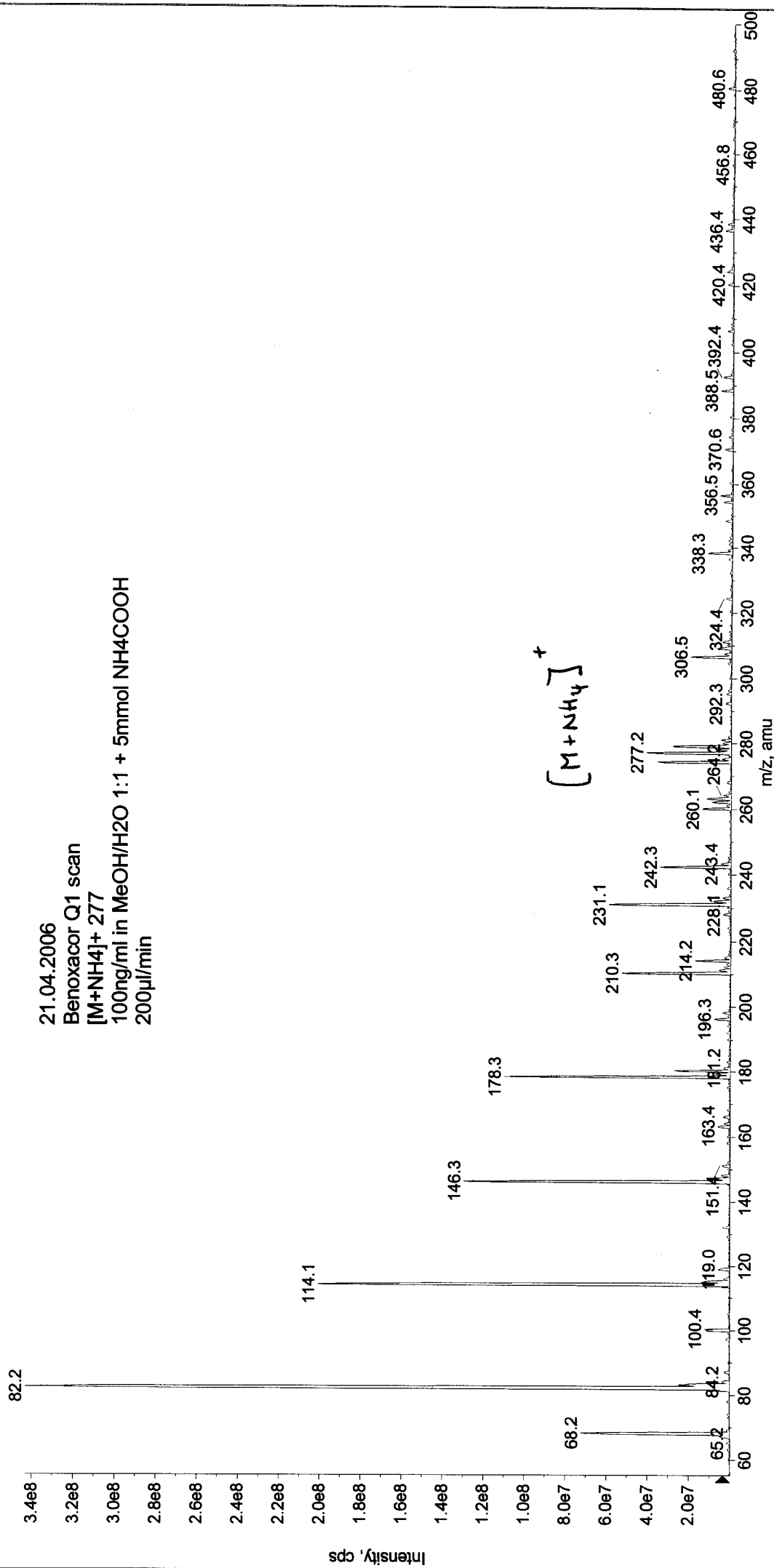
^{*)} For API 3000 and 4000 enhance DP by 20V

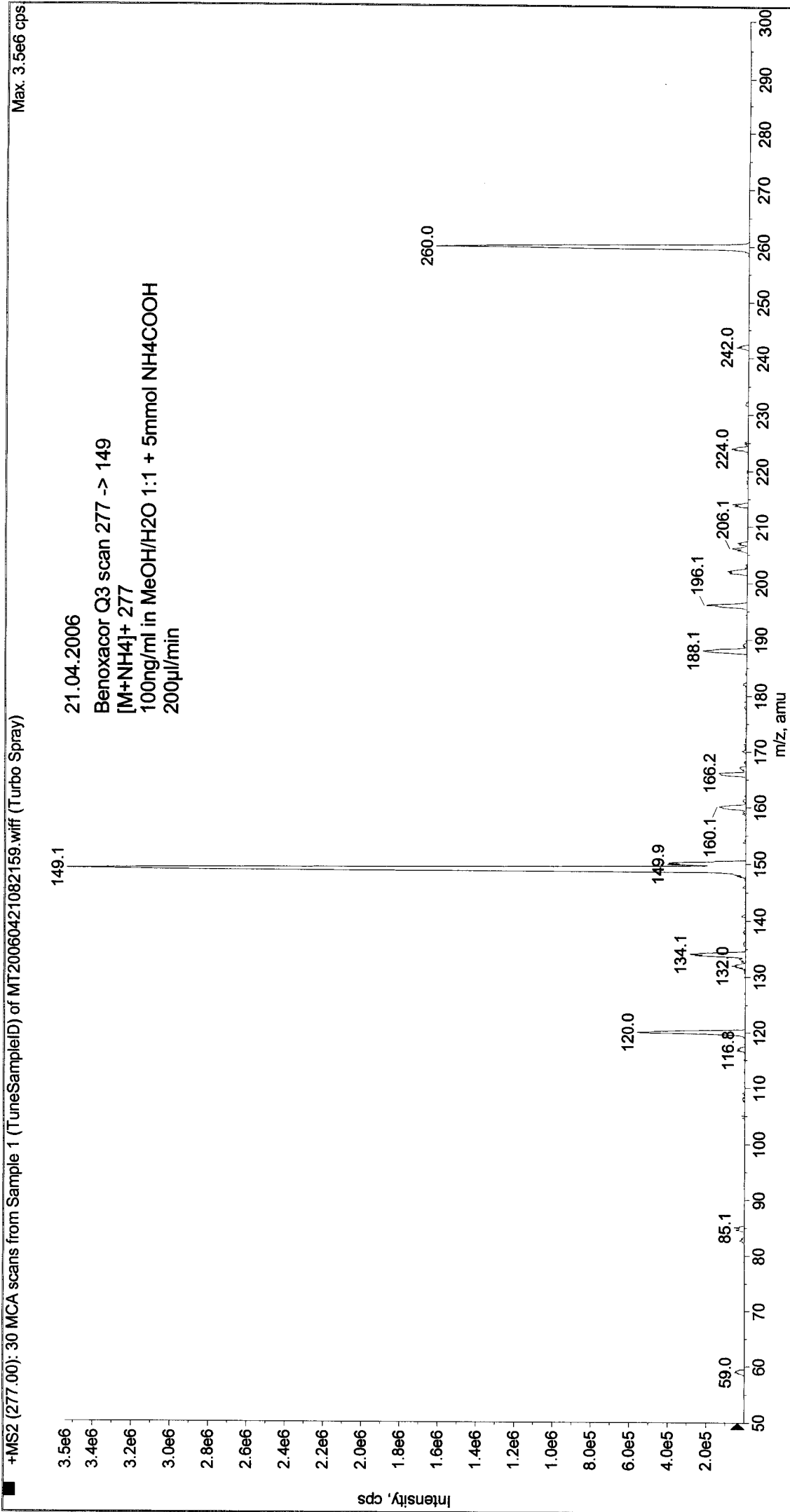
Fragmentation

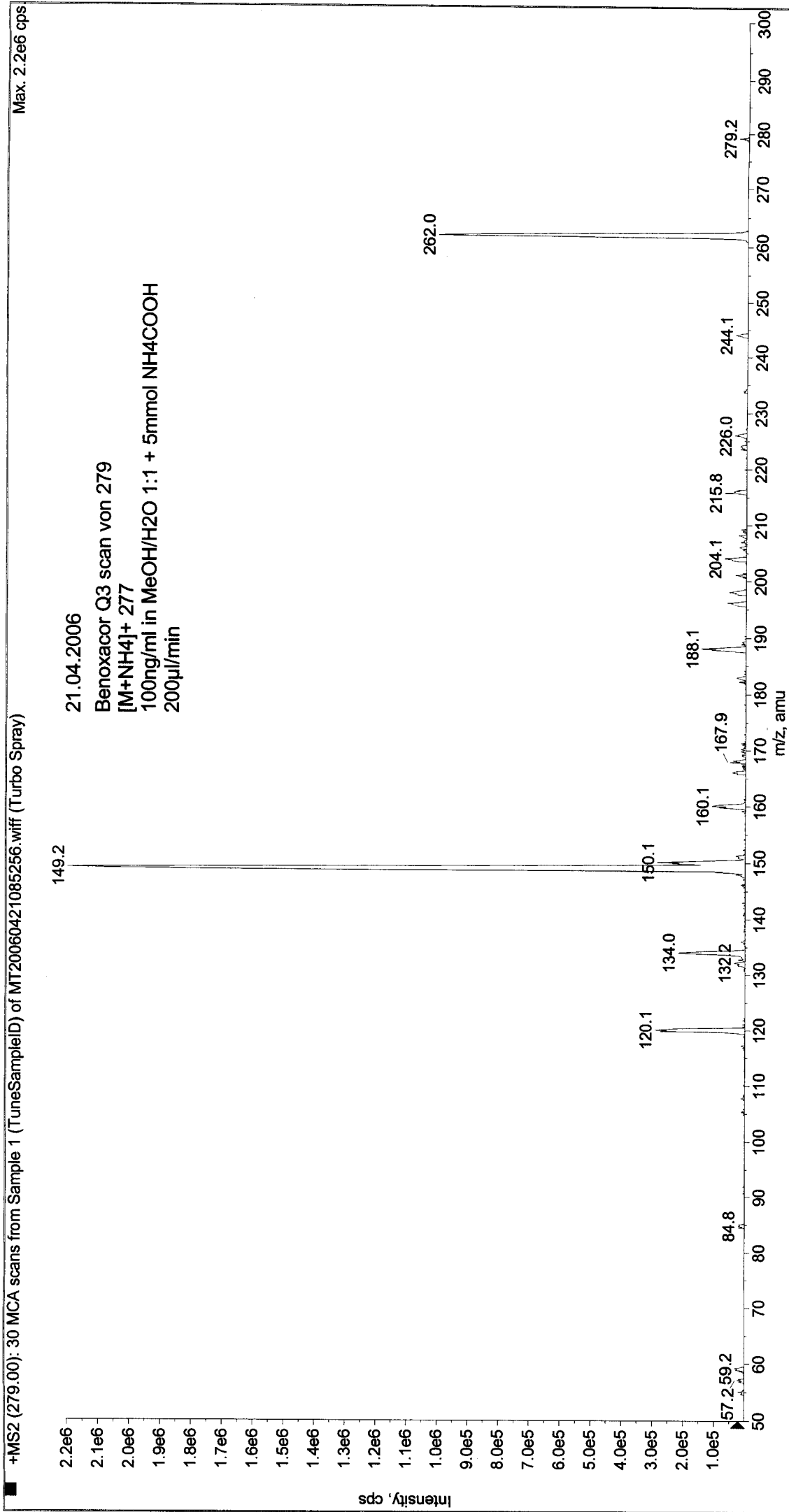


■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060421081725.wiff (Turbo Spray)

Max. 3.4e8 cps

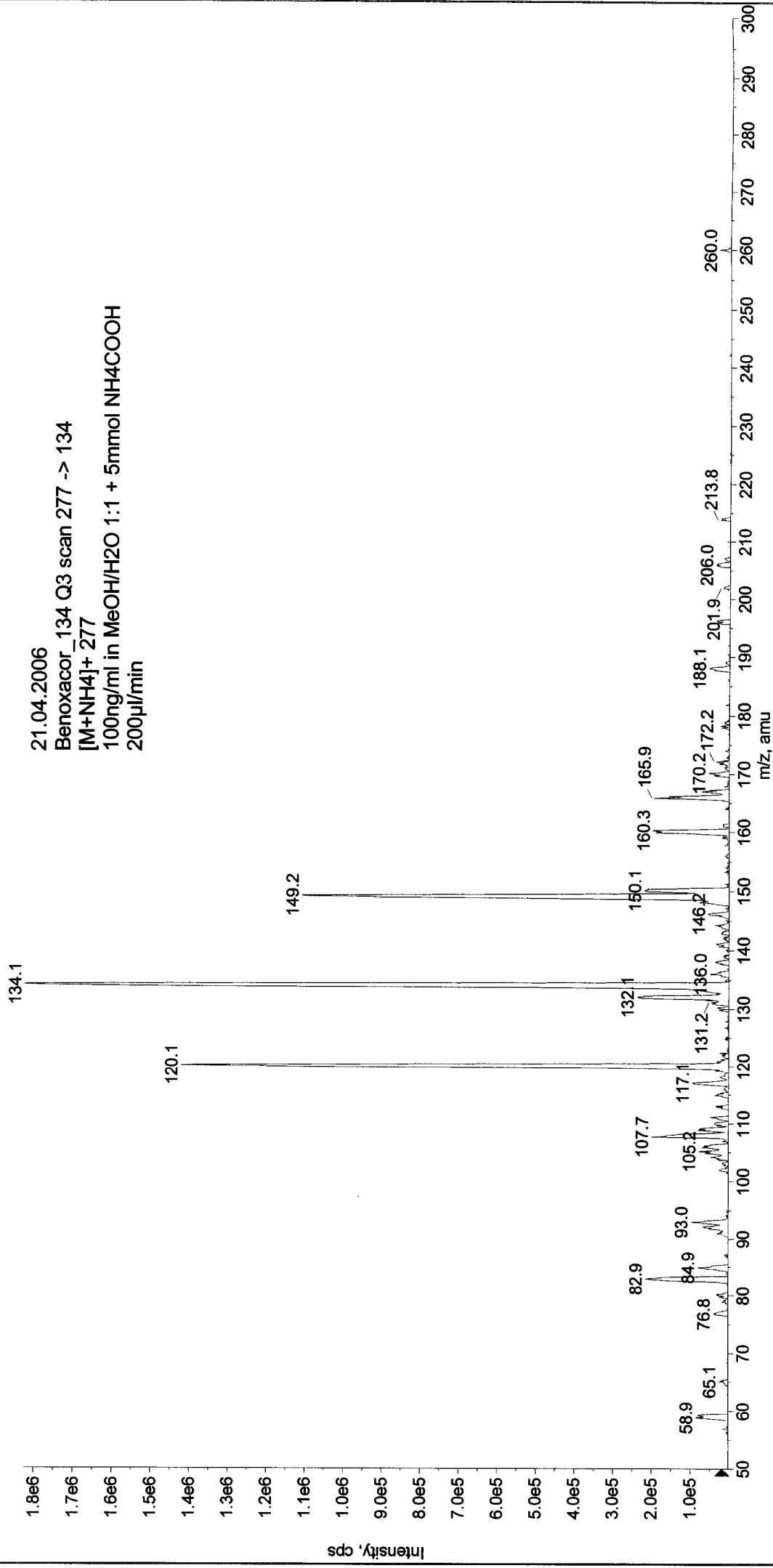






+MS2 (277.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20060421090838.wiff (Turbo Spray)

Max. 1.8e6 cps



+MS2 (279.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20060421091608.wiff (Turbo Spray)

Max. 1.1e6 cps

