

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

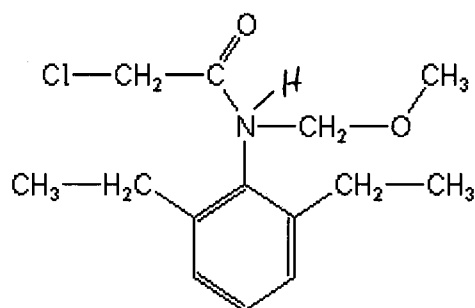
Analyte: Alachlor

CAS No.: 15972-60-8

Formula: C₁₄H₂₀ClNO₂

Molecular mass (lowest isotopes): 269,12 amu

Structure:



Ionisation: ESI +

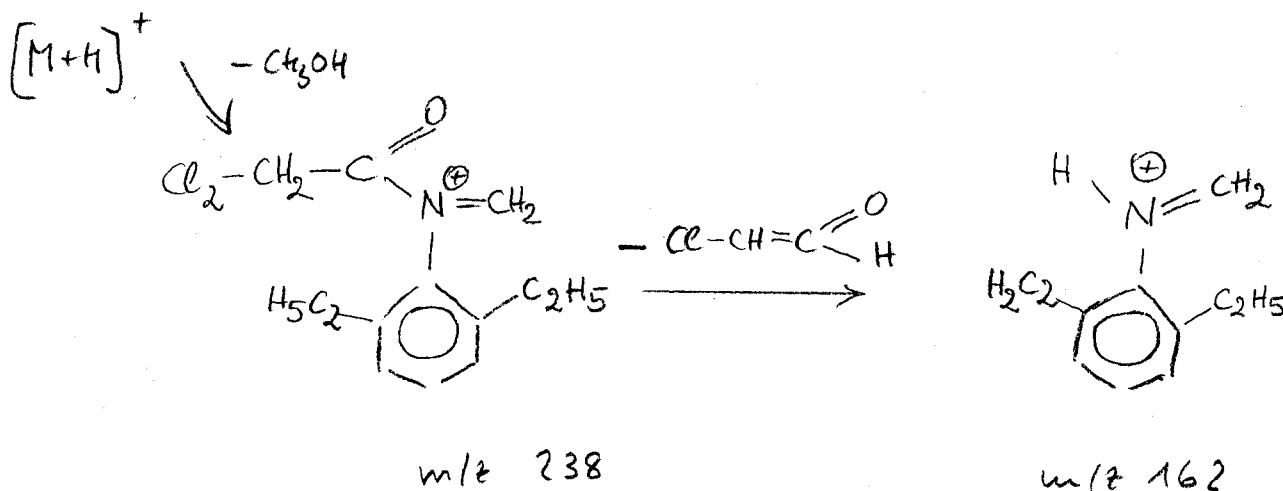
Quasimolecular ion: 270,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

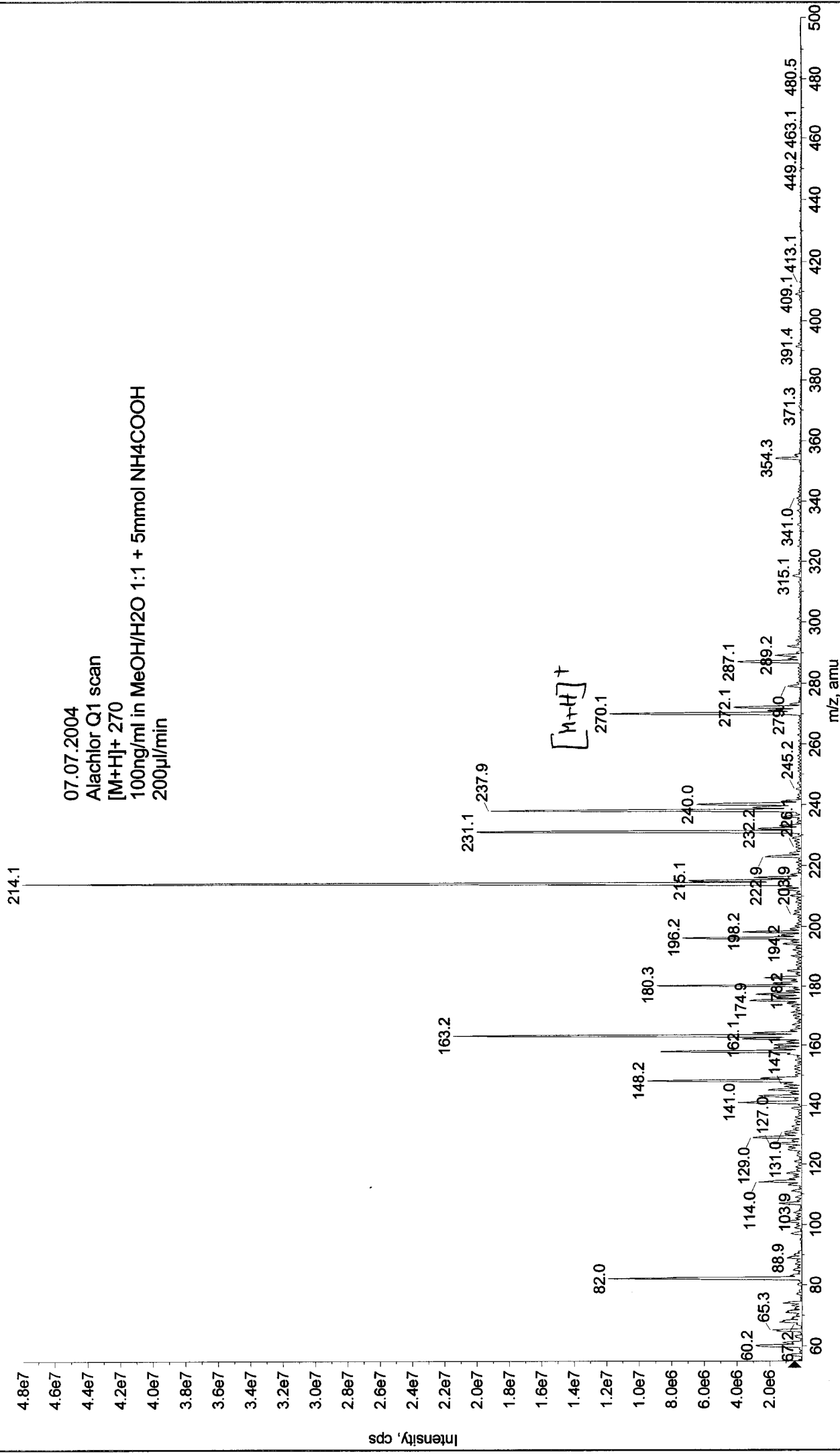
Transition	270,1 → 238,1	270,1 → 162,2
Declustering potential (DP) ^{*)}	31V	31 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,0 V	11,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	15 V	25 V
Collision cell exit potential (CXP)	12 V	8 V

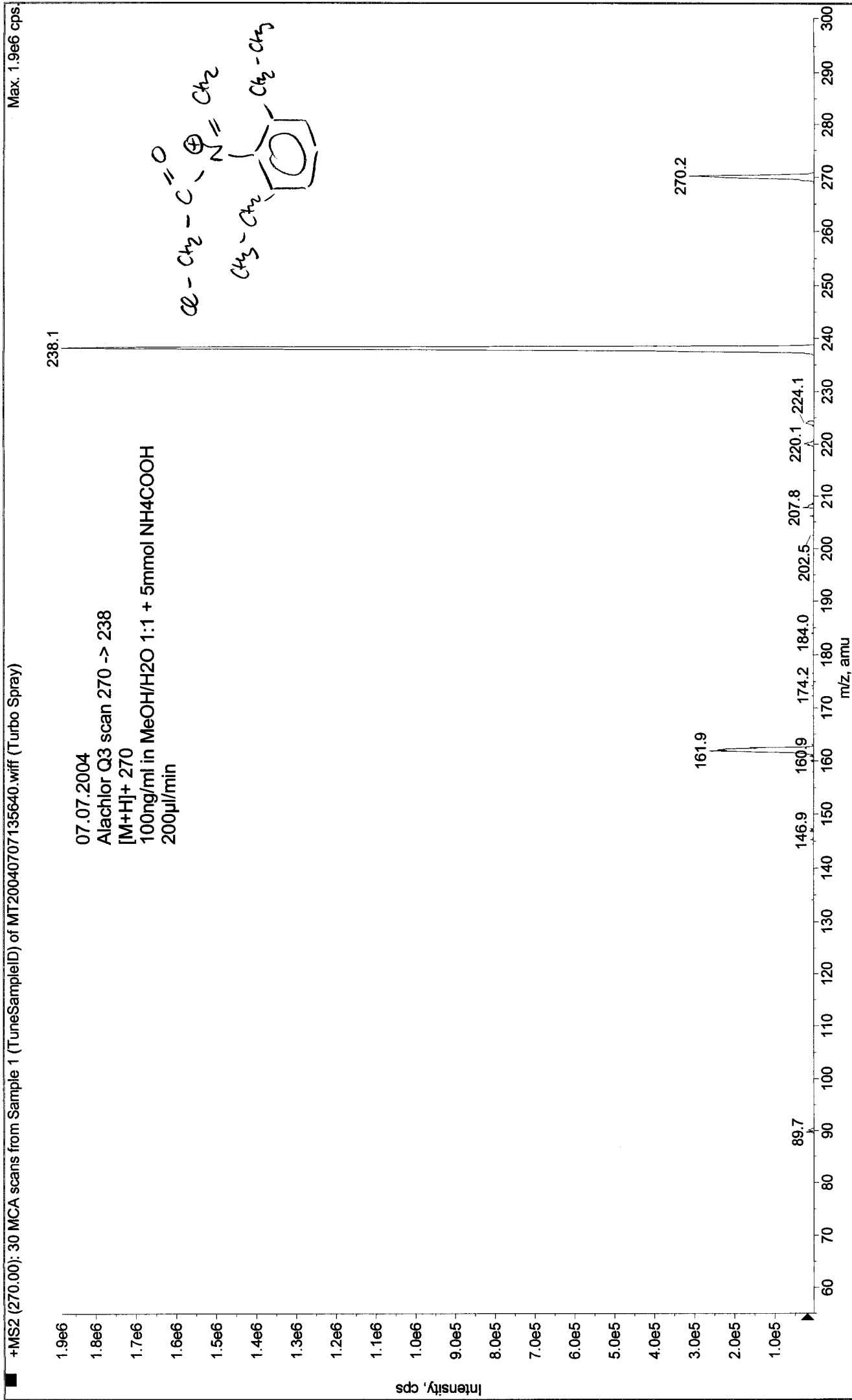
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation

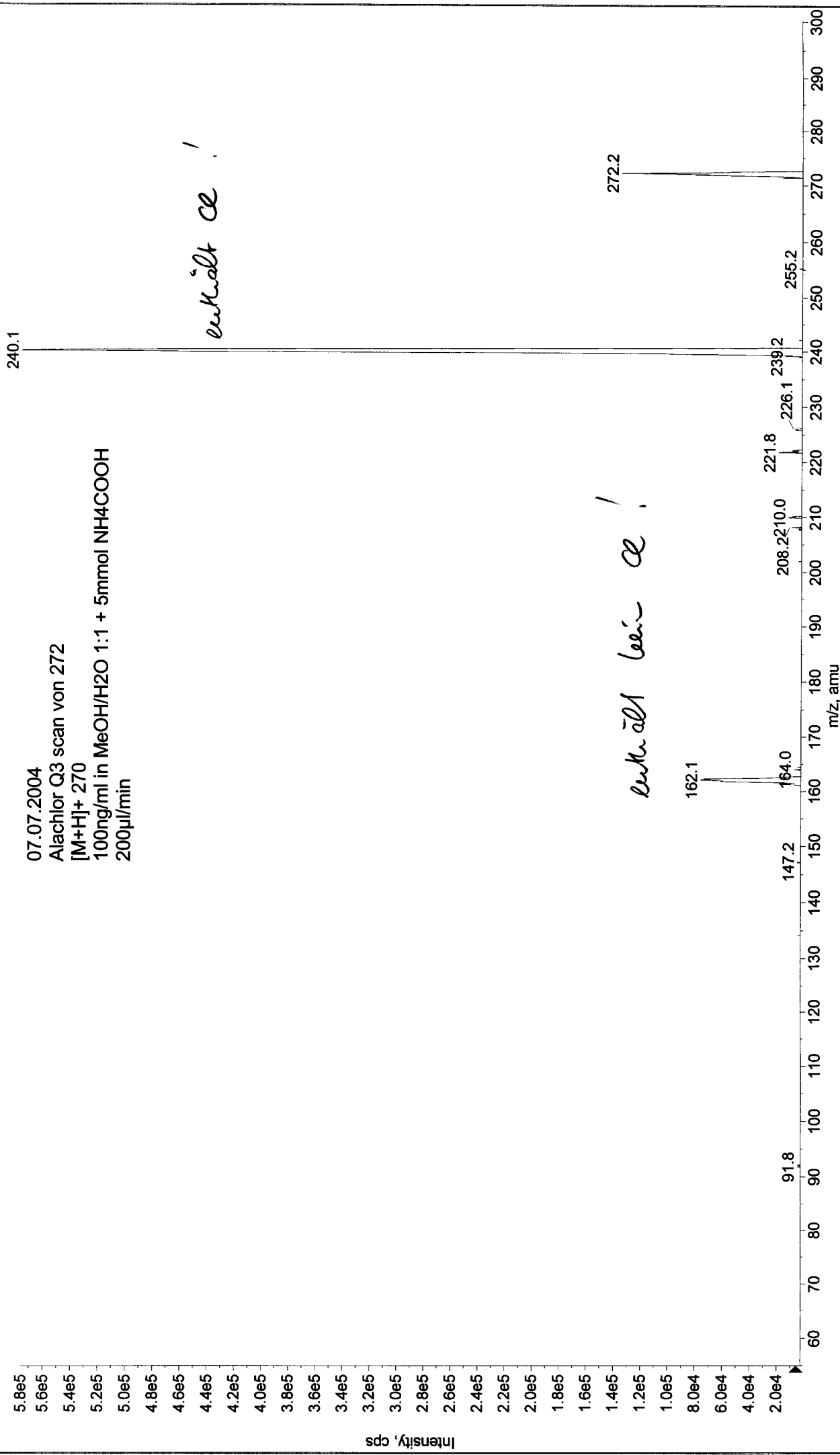


Max. 4.8e7 cps





+MS2 (272.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040707135912.wiff (Turbo Spray) Max. 5.8e5 cps



Max. 1.4e6 cps

+MS2 (270.00): 30 MCA scans from Sample 1 (TunesSampleID) of MT20040707141059.wiff (Turbo Spray)

