

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

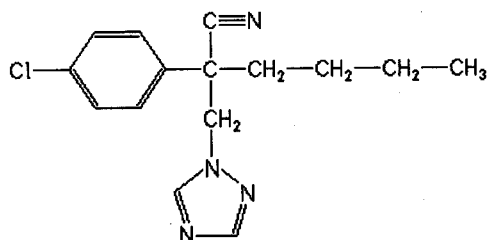
Analyte: Myclobutanil

CAS No.: 88671-89-0

Formula: C₁₅H₁₇ClN₄

Molecular mass (lowest isotopes): 288,11 amu

Structure:



Ionisation: ESI +

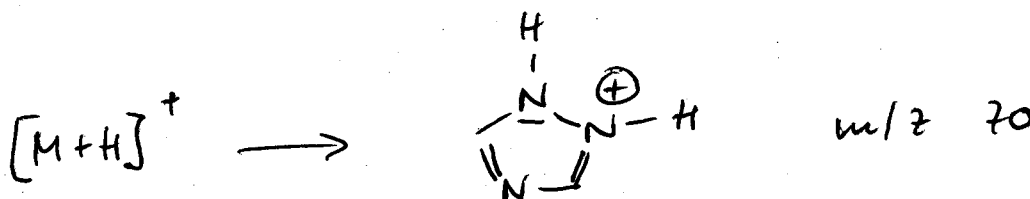
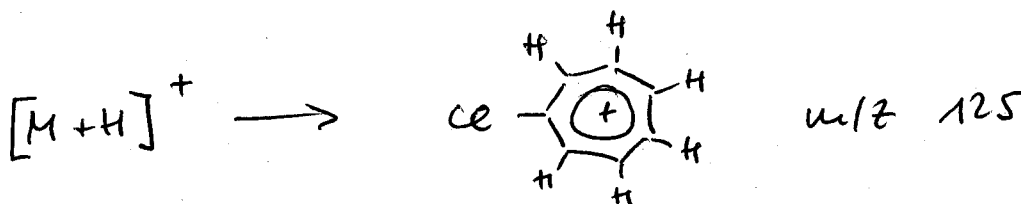
Quasimolecular ion: 289,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

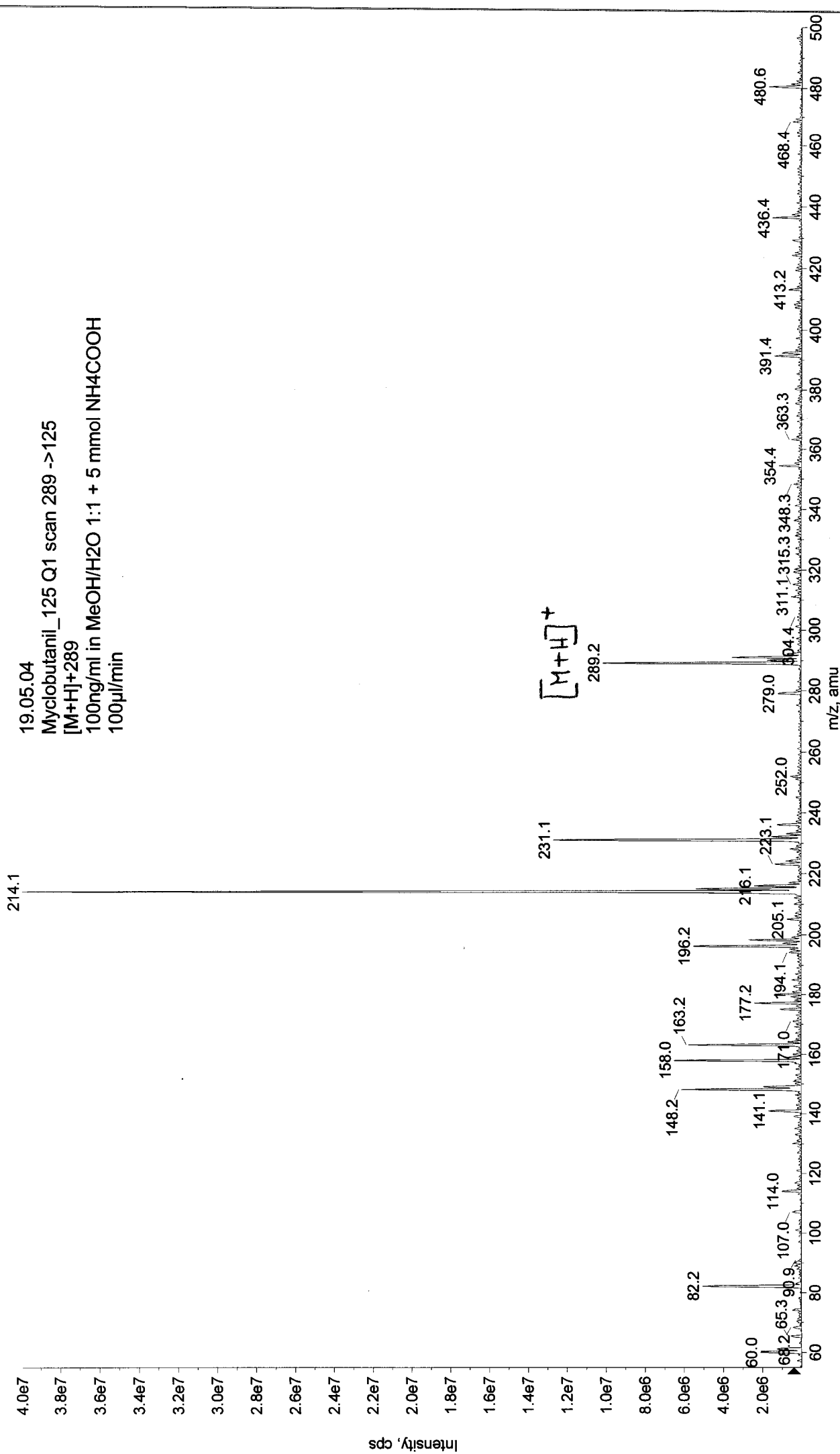
Transition	289,1 → 70,1	289,1 → 125,1
Declustering potential (DP) ^{*)}	29 V	29 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	18 V	18 V
Collision energy (CE)	33 V	41 V
Collision cell exit potential (CXP)	4 V	6 V

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

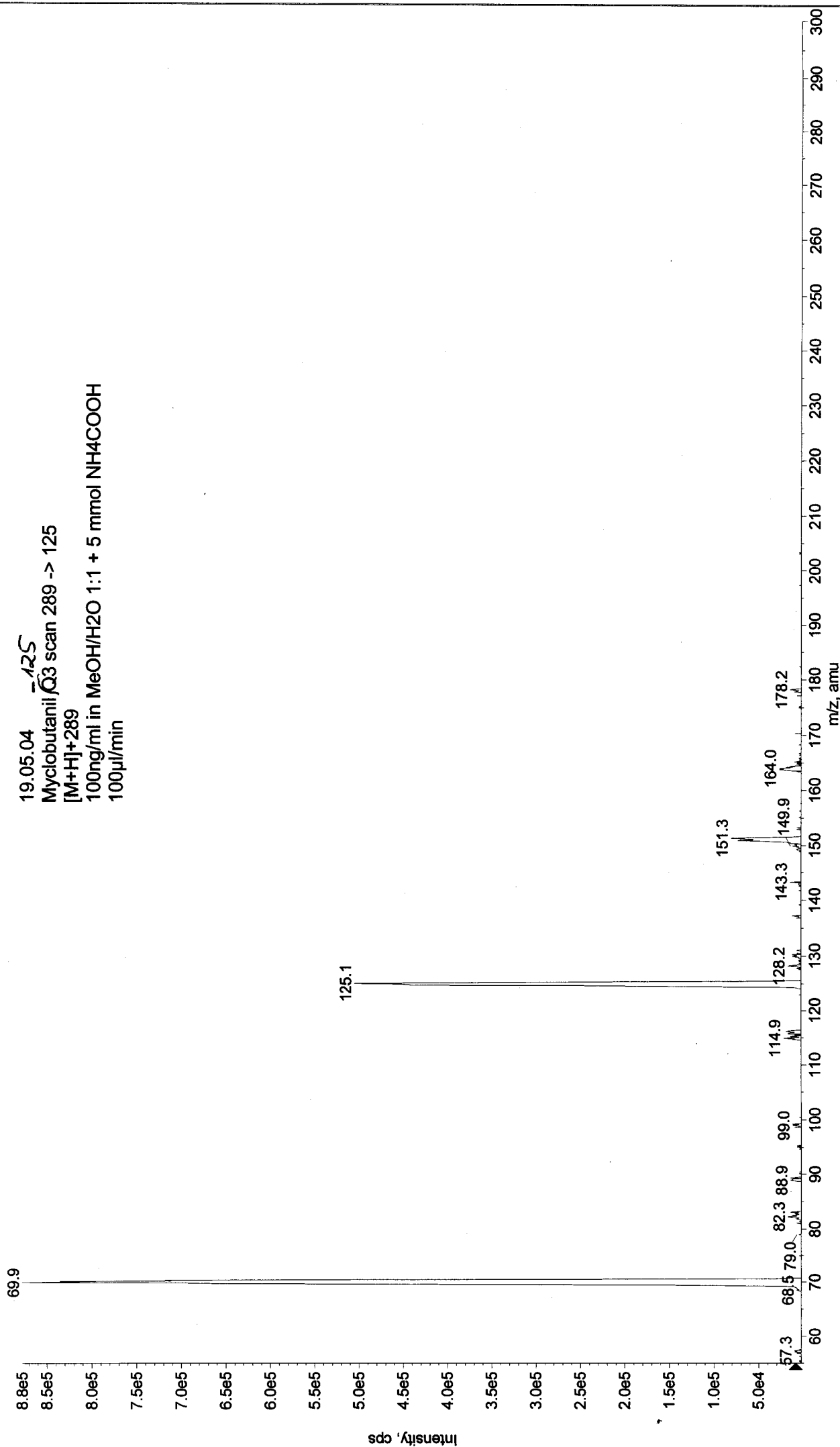
Fragmentation



■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040519115232.wiff (Turbo Spray) Max. 4.0e7 cps



+MS2 (289.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040519120044.wiff (Turbo Spray) Max. 8.8e5 cps



■ +MS2 (289.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040519114513.wiff (Turbo Spray) Max. 9.5e5 cps

