

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

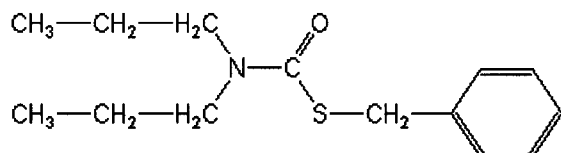
Analyte: Prosulfocarb

CAS No.: 52888-80-9

Formula: C₁₄H₂₁NOS

Molecular mass (lowest isotopes): 251,13 amu

Structure:



Ionisation: ESI +

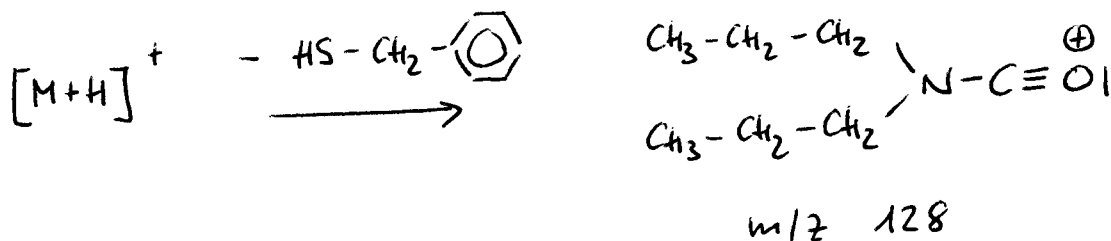
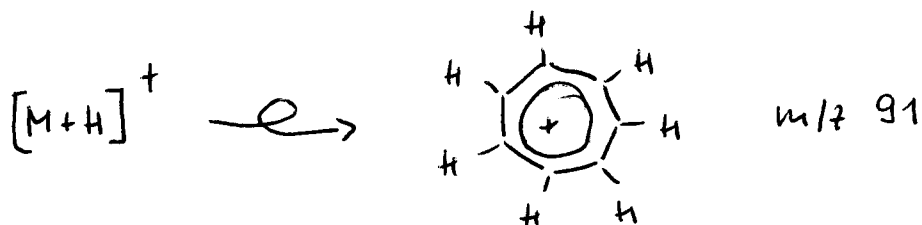
Quasimolecular ion: 252,1 amu = [M+H]⁺

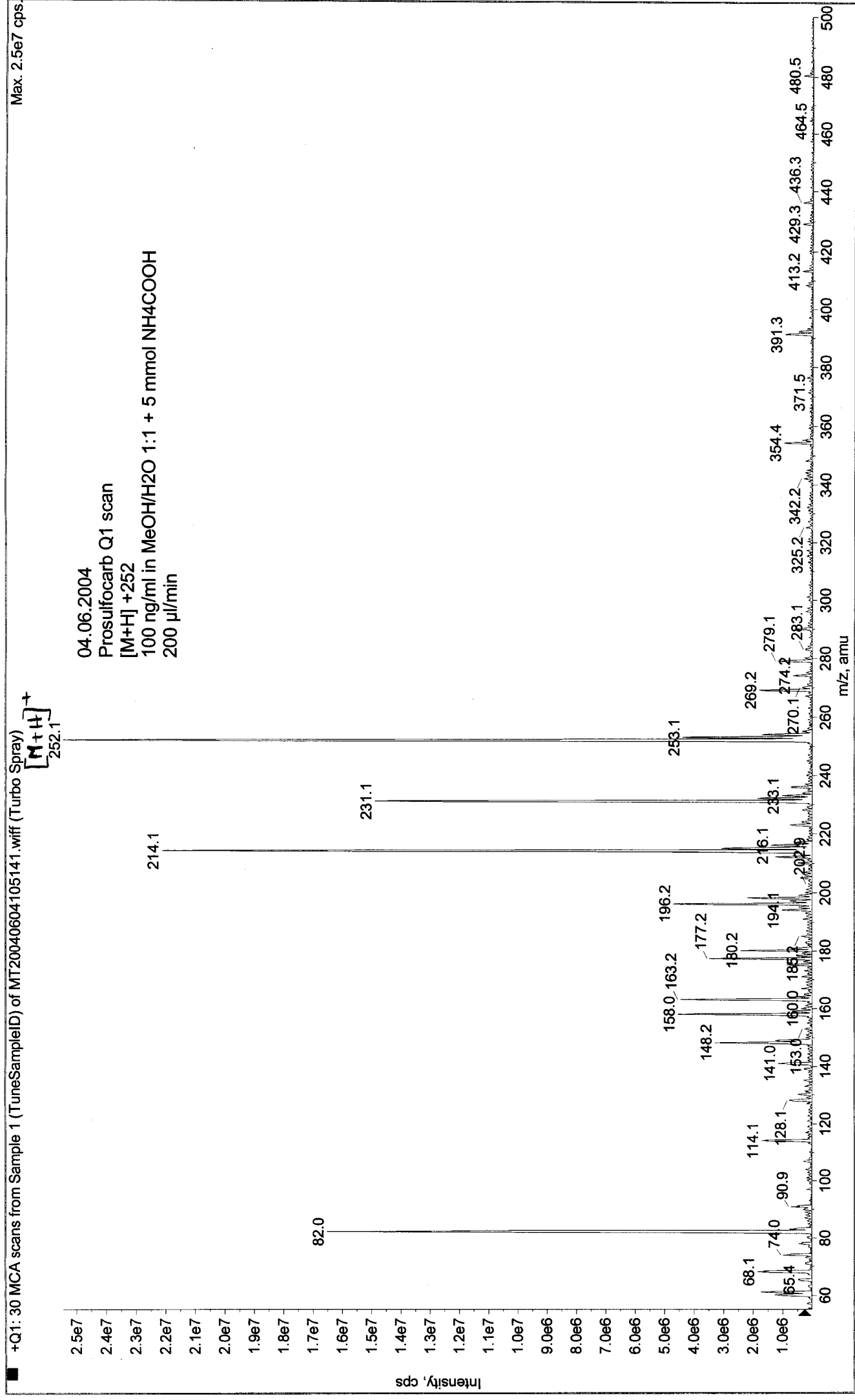
Analyte sensitive parameter set (API 2000)

Transition	252,1 → 91,2	252,1 → 128,2
Declustering potential (DP) ^{*)}	36 V	36 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,0 V	10,5 V
Collision cell entrance potential (CEP)	16 V	18 V
Collision energy (CE)	29 V	17 V
Collision cell exit potential (CXP)	4 V	6 V

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

Fragmentation





Max. 5.4e6 cps

■ +MS2 (252.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040604105358.wiff (Turbo Spray)

