

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

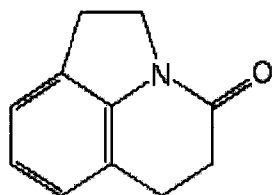
Analyte: Pyroquilon

CAS No.: 57369-32-1

Formula: C₁₁H₁₁NO

Molecular mass (lowest isotopes): 173,08 amu

Structure:



Ionisation: ESI +

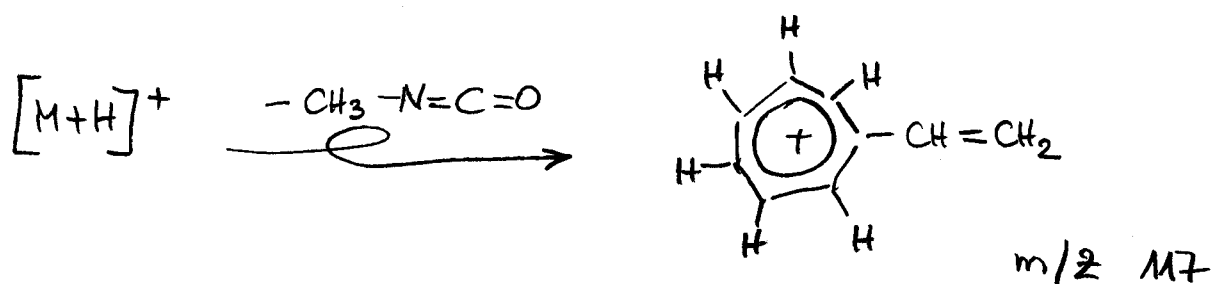
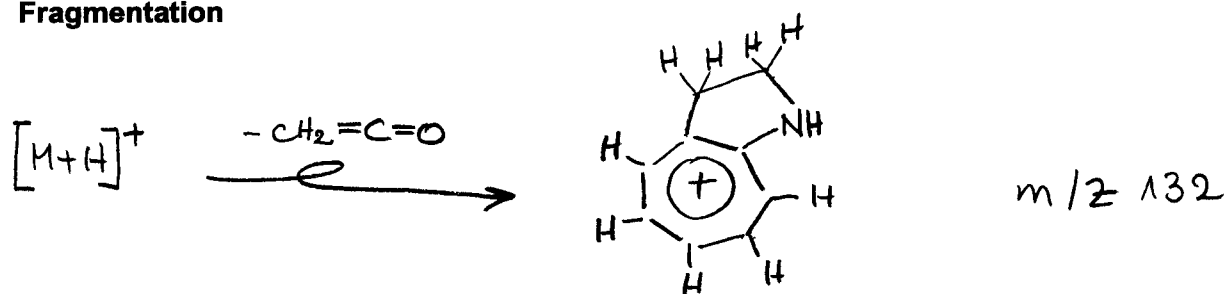
Quasimolecular ion: 174,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	174,1 → 132,1	174,1 → 117,1
Declustering potential (DP) ^{*)}	64 V	64 V
Focusing potential (FP)	370 V	50 V
Entrance potential (EP)	10,5 V	10,0 V
Collision cell entrance potential (CEP)	12 V	12 V
Collision energy (CE)	31 V	43 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 MT20060817104345.wiff (Turbo Spray)

Max. 1.5e8 cps

