

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

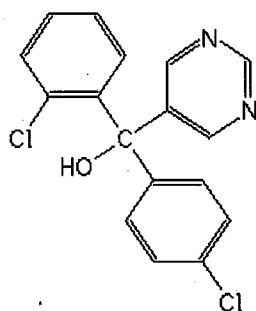
Analyte: Fenarimol

CAS No.: 60168-88-9

Formula: C₁₇H₁₂Cl₂N₂O

Molecular mass (lowest isotopes): 330,03 amu

Structure:



Ionisation: ESI +

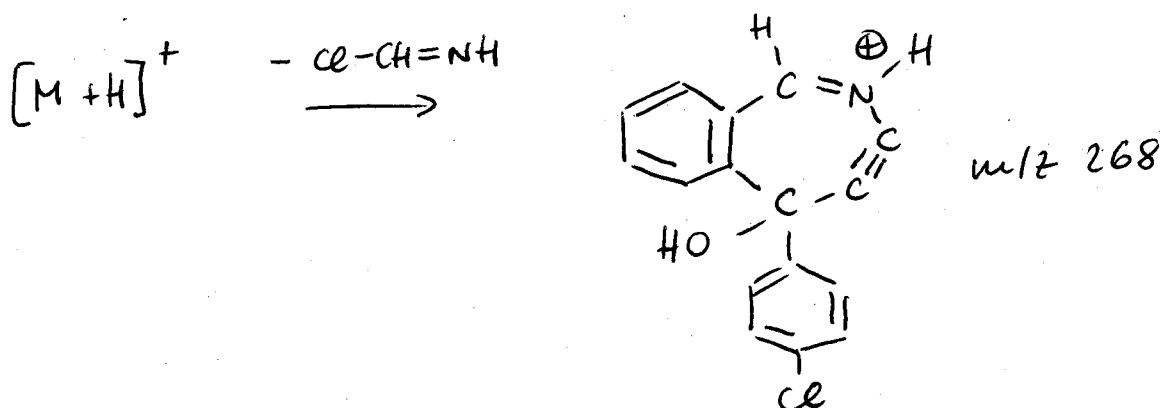
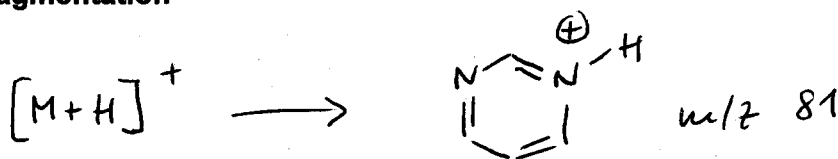
Quasimolecular ion: 331,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	331,0 → 81,0	331,0 → 268,0
Declustering potential (DP) ^{*)}	46 V	46 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	12,0 V	10,0 V
Collision cell entrance potential (CEP)	20 V	18 V
Collision energy (CE)	47 V	31 V
Collision cell exit potential (CXP)	4 V	14 V

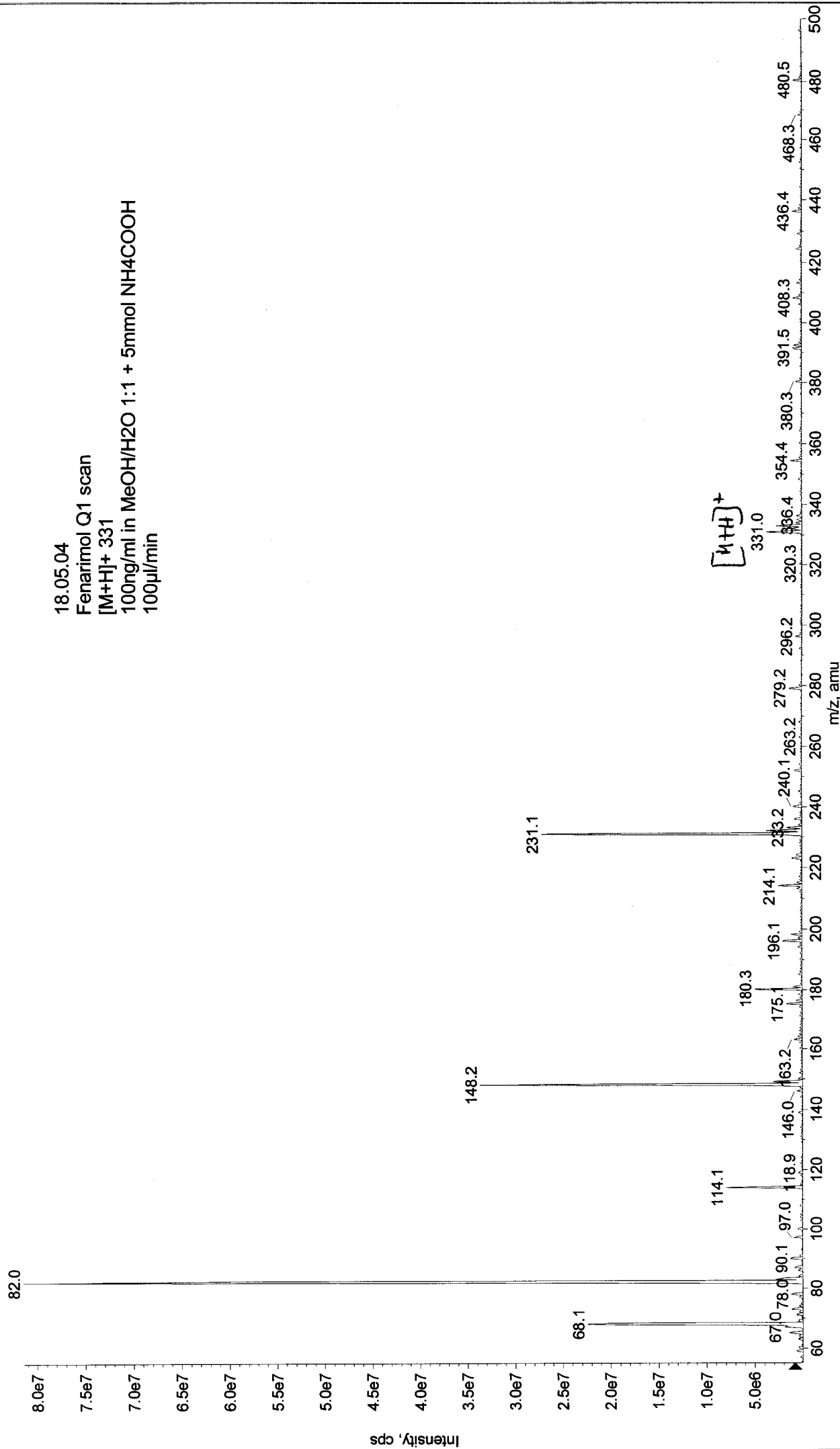
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040518113726.wiff (Turbo Spray)

Max. 8.1e7 cps



■ +MS2 (331.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040518121240.wiff (Turbo Spray) Max. 2.3e5 cps

