

MS/MS Parameters of Pesticides

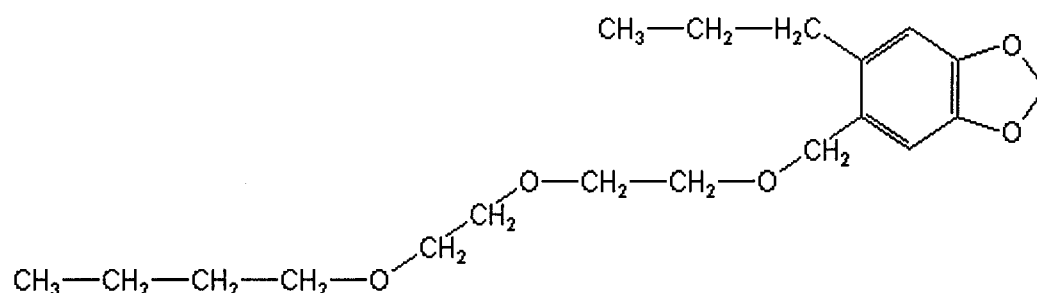
Analyte: Piperonil-butoxide

CAS No.: 51-03-6

Formula: C₁₉H₃₀O₅

Molecular mass (lowest isotopes): 338,21 amu

Structure:



Ionisation: ESI +

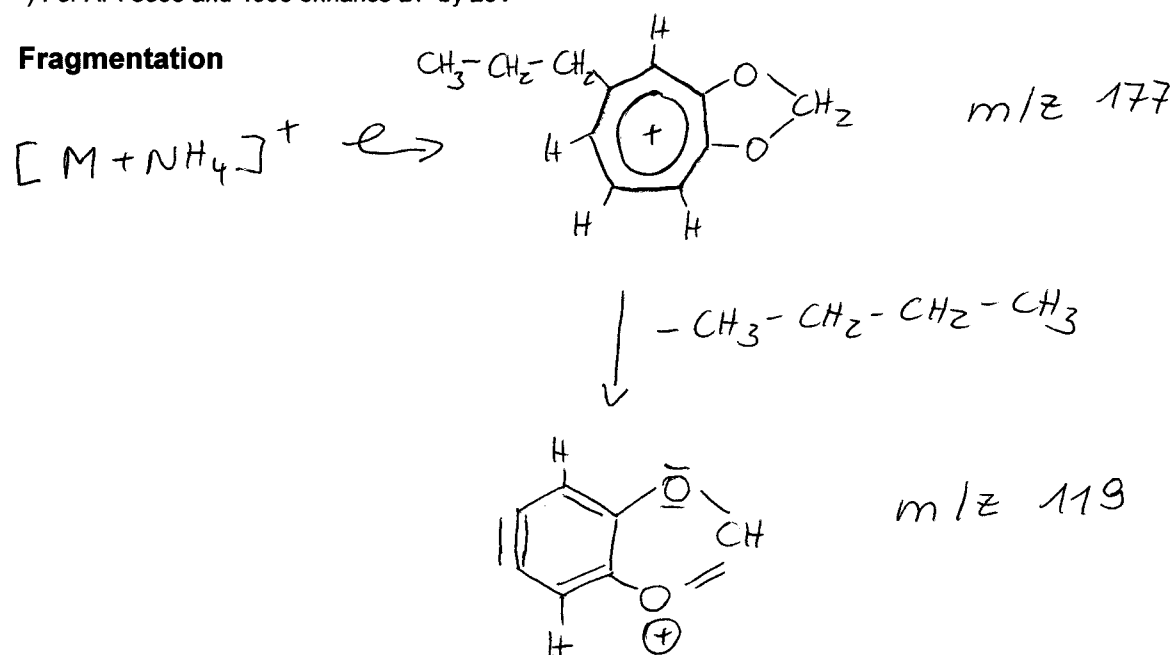
Quasimolecular ion: 356,2 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	356,2 → 177,1	356,2 → 119,1
Declustering potential (DP) ^{*)}	14V	14 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,0 V	9,5 V
Collision cell entrance potential (CEP)	24 V	22 V
Collision energy (CE)	19 V	47 V
Collision cell exit potential (CXP)	10 V	6 V

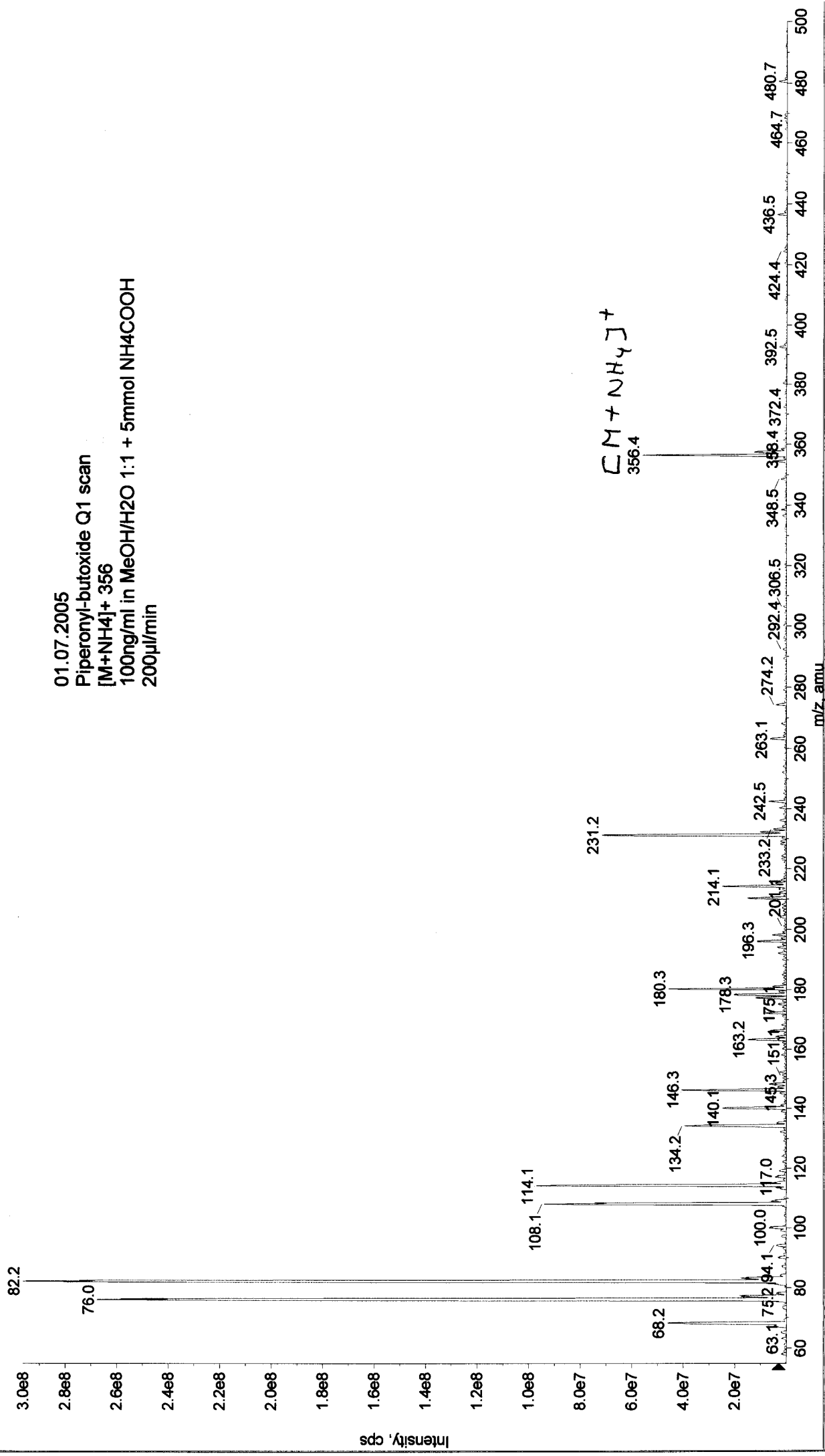
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050701110250.wiff (Turbo Spray)

Max. 3.0e8 cps.



Printing Time: 11:07:36
Printing Date: Friday, July 01, 2005

Acq. Time: 11:06
Acq. Date: Friday, July 01, 2005
Acq. File: MT20050701110635.wiff

Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

Max. 3.9e6 cps.

■ +MS2 (356.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050701110635.wiff (Turbo Spray)

