

MS/MS Parameters of Pesticides

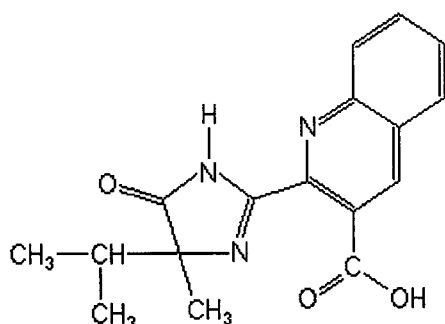
Analyte: Imazaquin

CAS No.: 81335-37-7

Formula: C₁₇H₁₇N₃O₃

Molecular mass (lowest isotopes): 311,13 amu

Structure:



Ionisation: ESI +

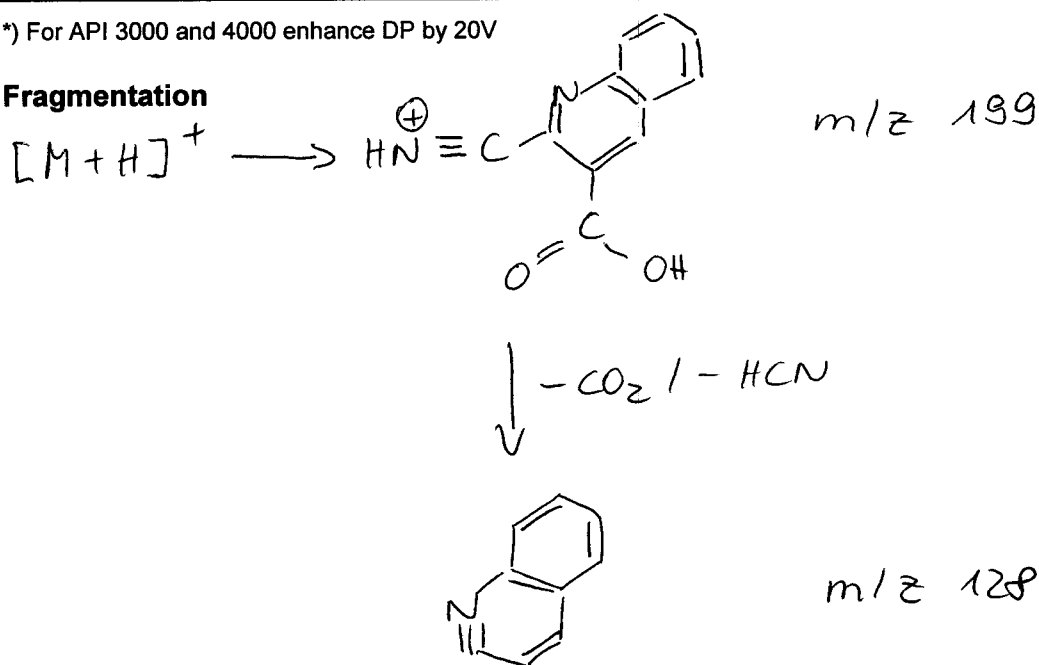
Quasimolecular ion: 312,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	312,1 → 199,1	312,1 → 128,1
Declustering potential (DP) ^{*)}	51V	51 V
Focusing potential (FP)	370 V	350 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	37 V	69 V
Collision cell exit potential (CXP)	10 V	6 V

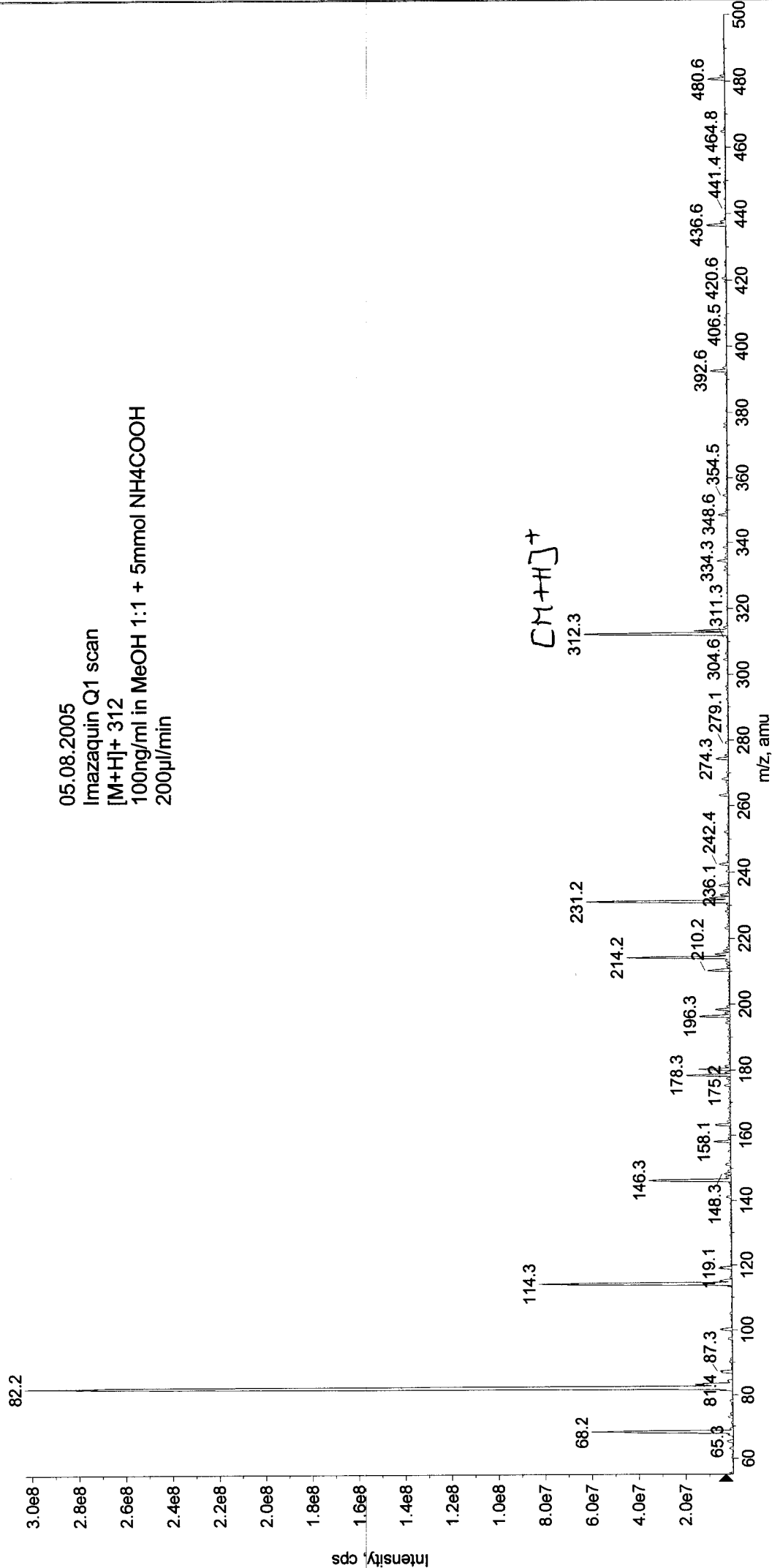
^{*)} For API 3000 and 4000 enhance DP by 20V

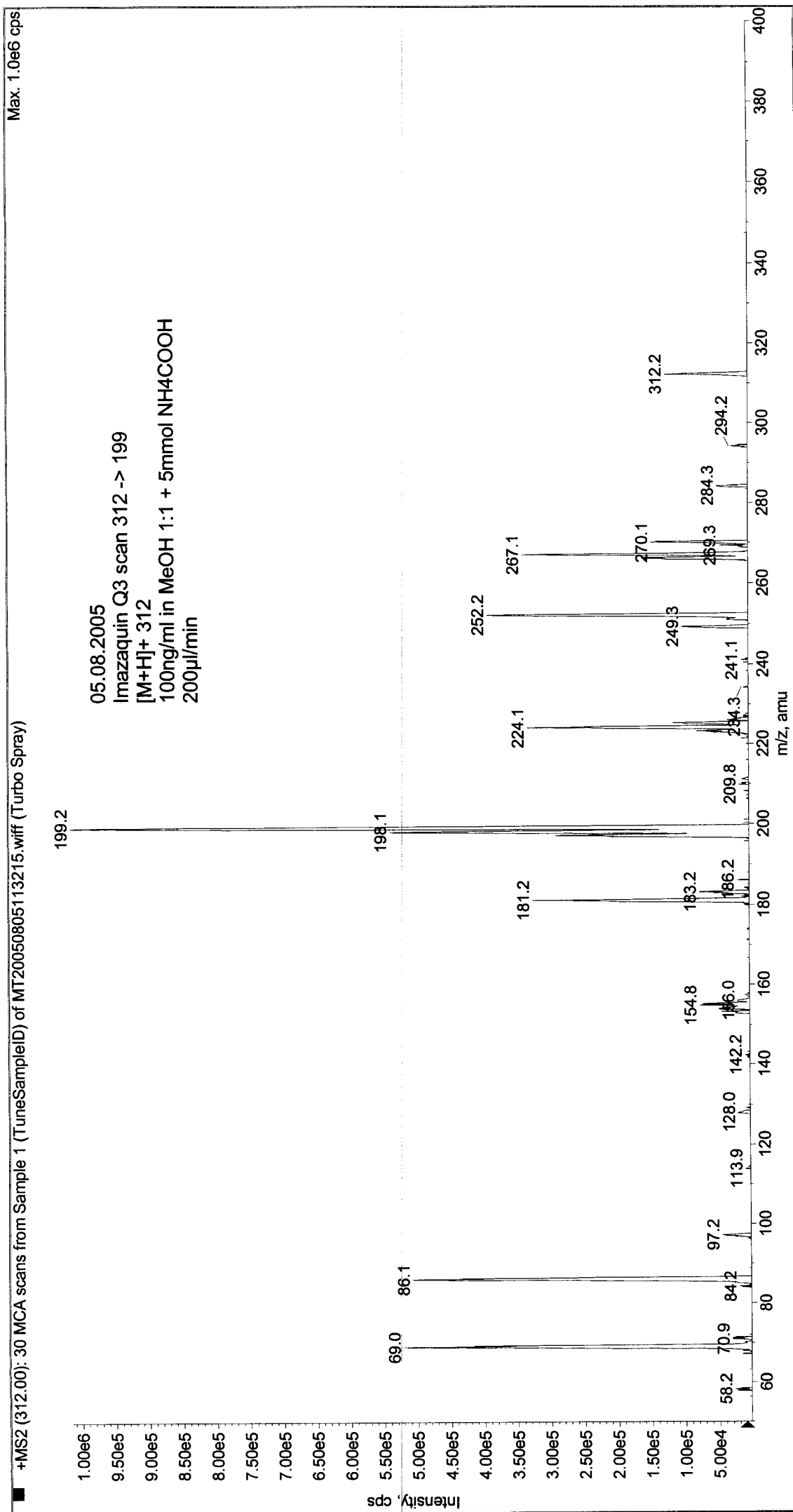
Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050805112749.wiff (Turbo Spray)

Max. 3.0e8 cps





Printing Time: 11:47:53
Printing Date: Friday, August 05, 2005

Acq. Time: 11:46
Acq. Date: Friday, August 05, 2005
Acq. File: MT20050805114652.wiff

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

