

MS/MS Parameters of Pesticides

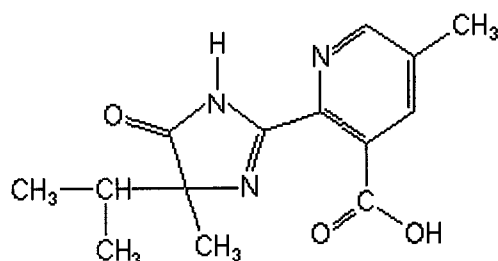
Analyte: Imazapic

CAS No.: 104098-48-8

Formula: C₁₄H₁₇N₃O₃

Molecular mass (lowest isotopes): 275,13 amu

Structure:



Ionisation: ESI +

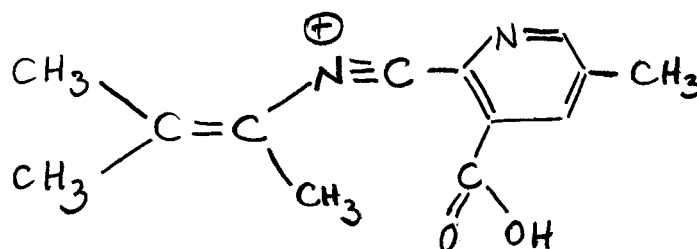
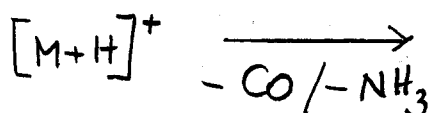
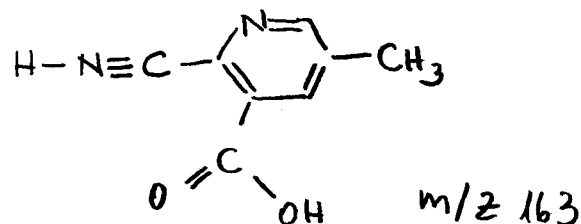
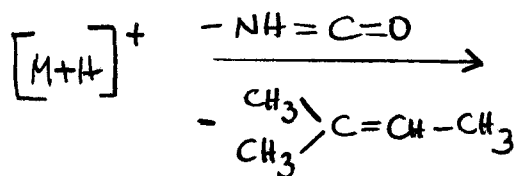
Quasimolecular ion: 276,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

| Transition | 276,1 → 163,1 | 276,1 → 231,2 |
|---|---------------|---------------|
| Declustering potential (DP) ^{*)} | 44 V | 44 V |
| Focusing potential (FP) | 350 V | 50 V |
| Entrance potential (EP) | 9,5 V | 10,5 V |
| Collision cell entrance potential (CEP) | 16 V | 16 V |
| Collision energy (CE) | 35 V | 25 V |
| Collision cell exit potential (CXP) | 8 V | 12 V |

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

Fragmentation

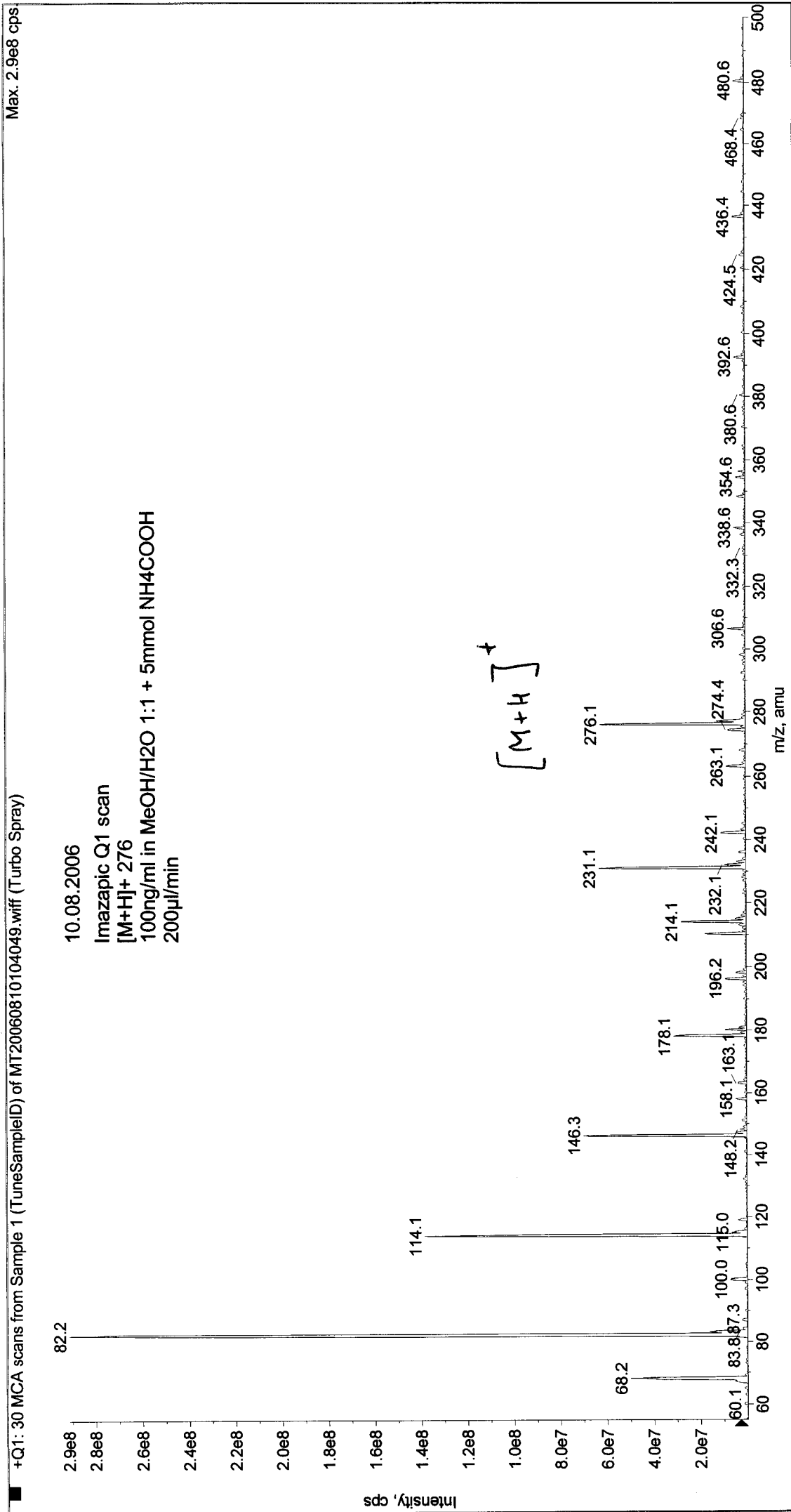


m/z 231

Printing Time: 10:42:40
Printing Date: Thursday, August 10, 2006

Acq. Time: 10:40
Acq. Date: Thursday, August 10, 2006
Acq. File: MT20060810104049.wiff

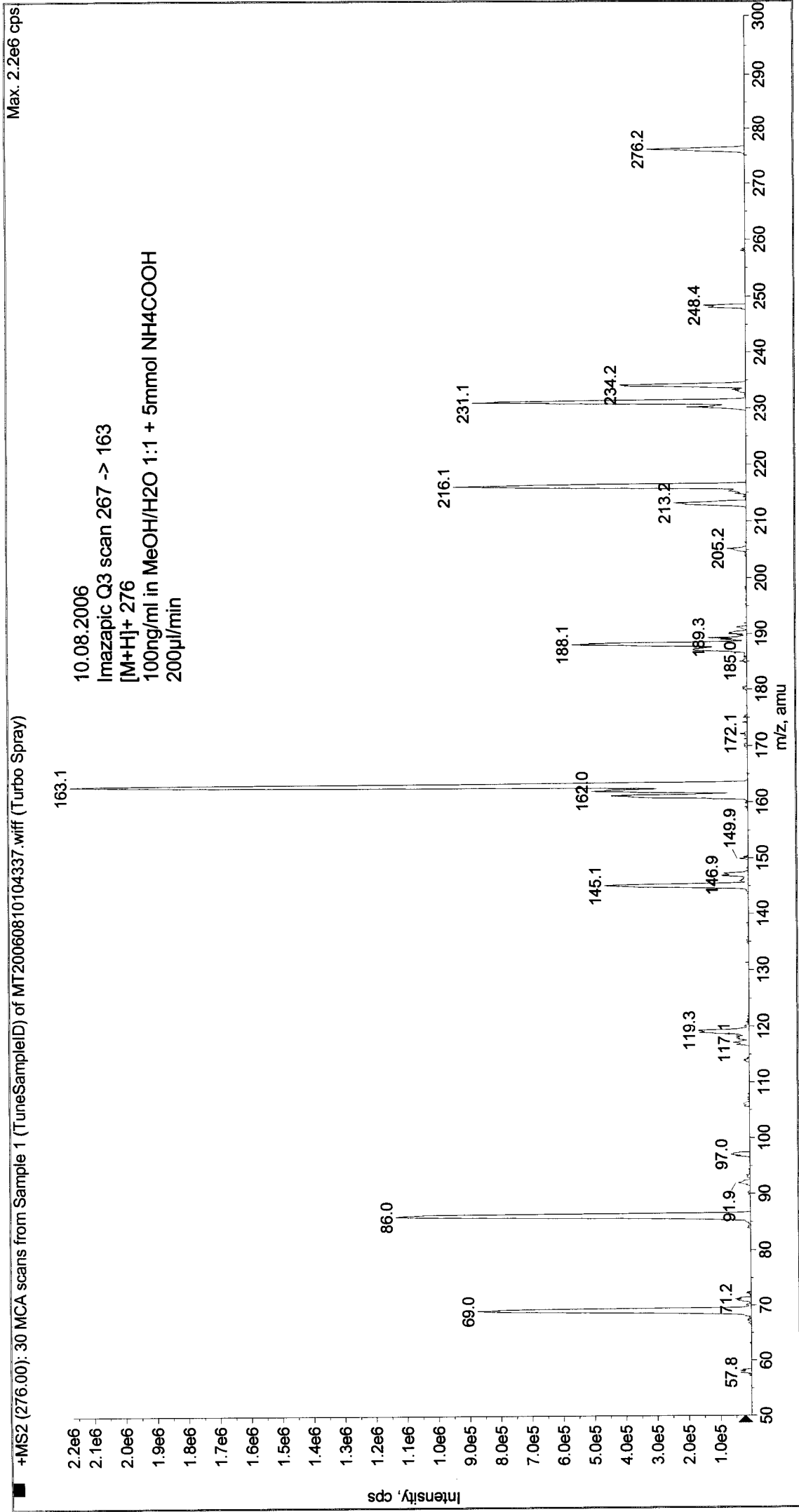
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



Printing Time: 10:44:51
Printing Date: Thursday, August 10, 2006

Acq. Time: 10:43
Acq. Date: Thursday, August 10, 2006
Acq. File: MT20060810104337.wiff

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



Printing Time: 10:50:41
Printing Date: Thursday, August 10, 2006

Acq. Time: 10:49
Acq. Date: Thursday, August 10, 2006
Acq. File: MT20060810104937.wiff

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

