

MS/MS Parameters of Pesticides

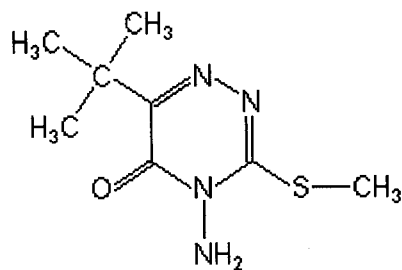
Analyte: Metribuzin

CAS No.: 21087-64-9

Formula: C₈H₁₄N₄OS

Molecular mass (lowest isotopes): 214,09 amu

Structure:



Ionisation: ESI +

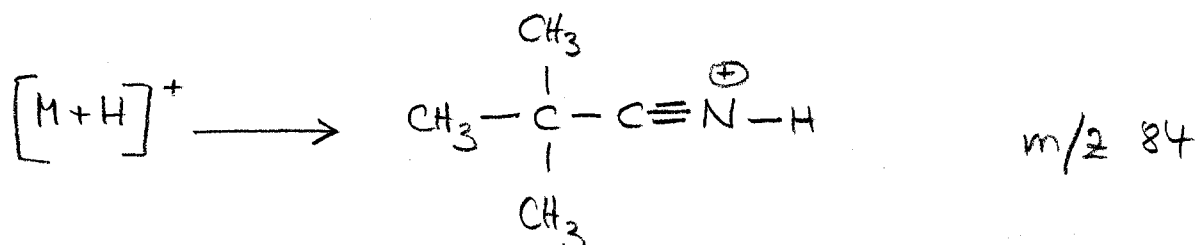
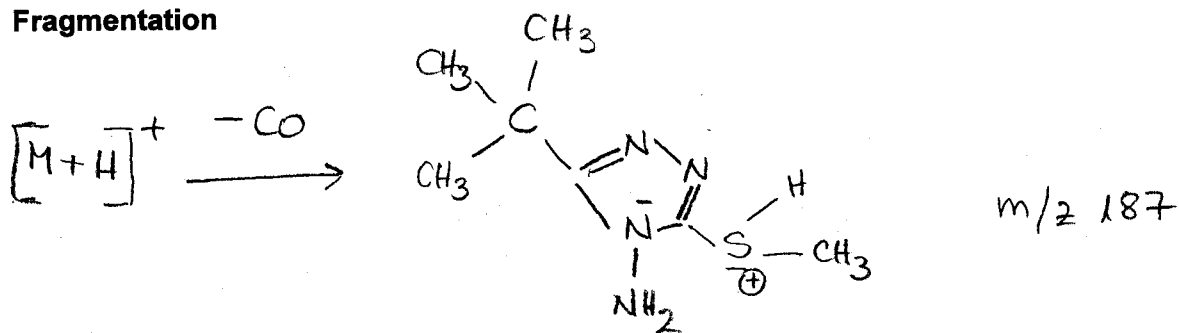
Quasimolecular ion: 215,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	215,1 → 187,2	215,1 → 84,0
Declustering potential (DP) ^{*)}	29 V	29 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,5 V	11,5 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	25 V	29 V
Collision cell exit potential (CXP)	10 V	6 V

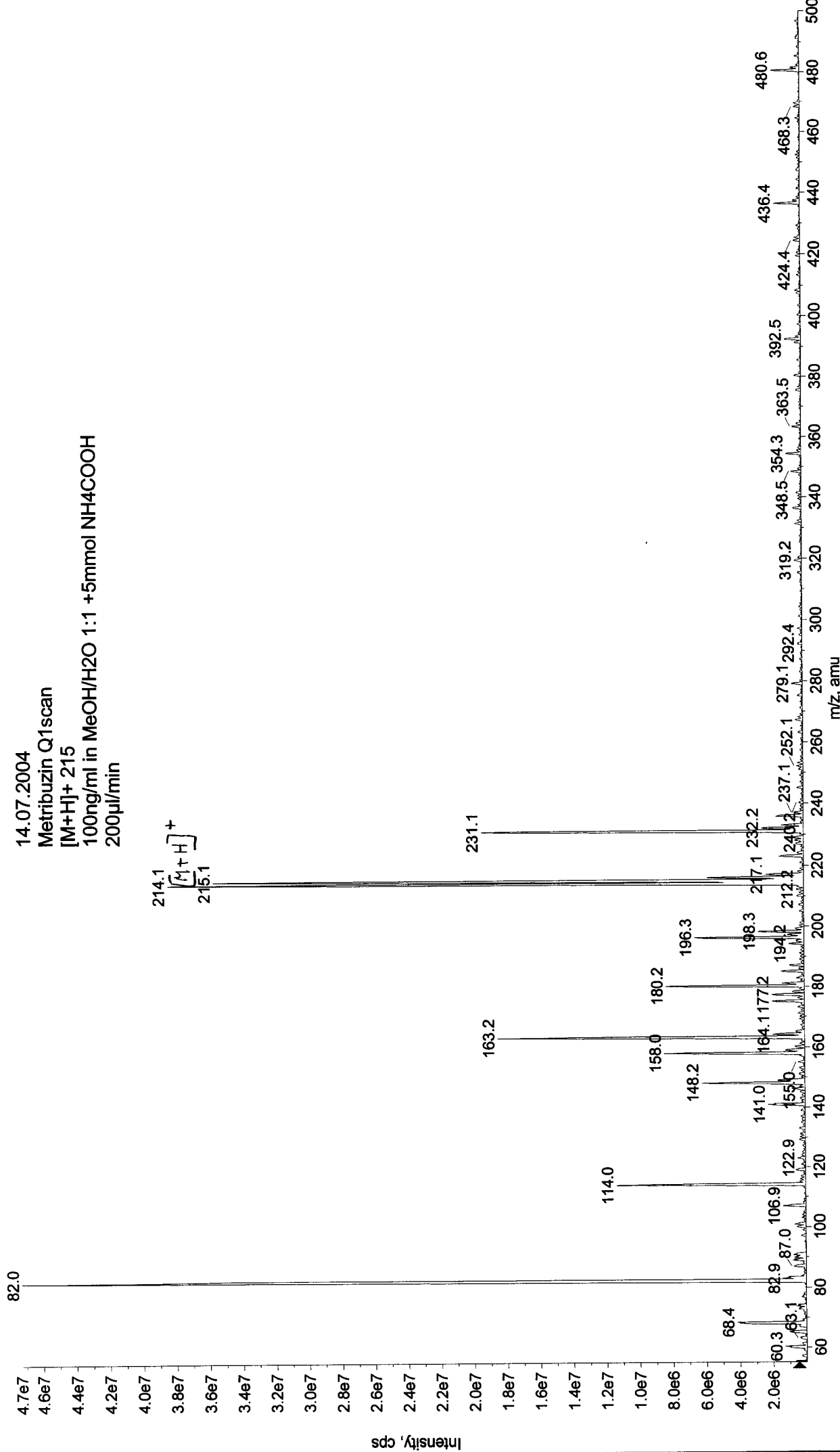
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



Max. 4.7e7 cps

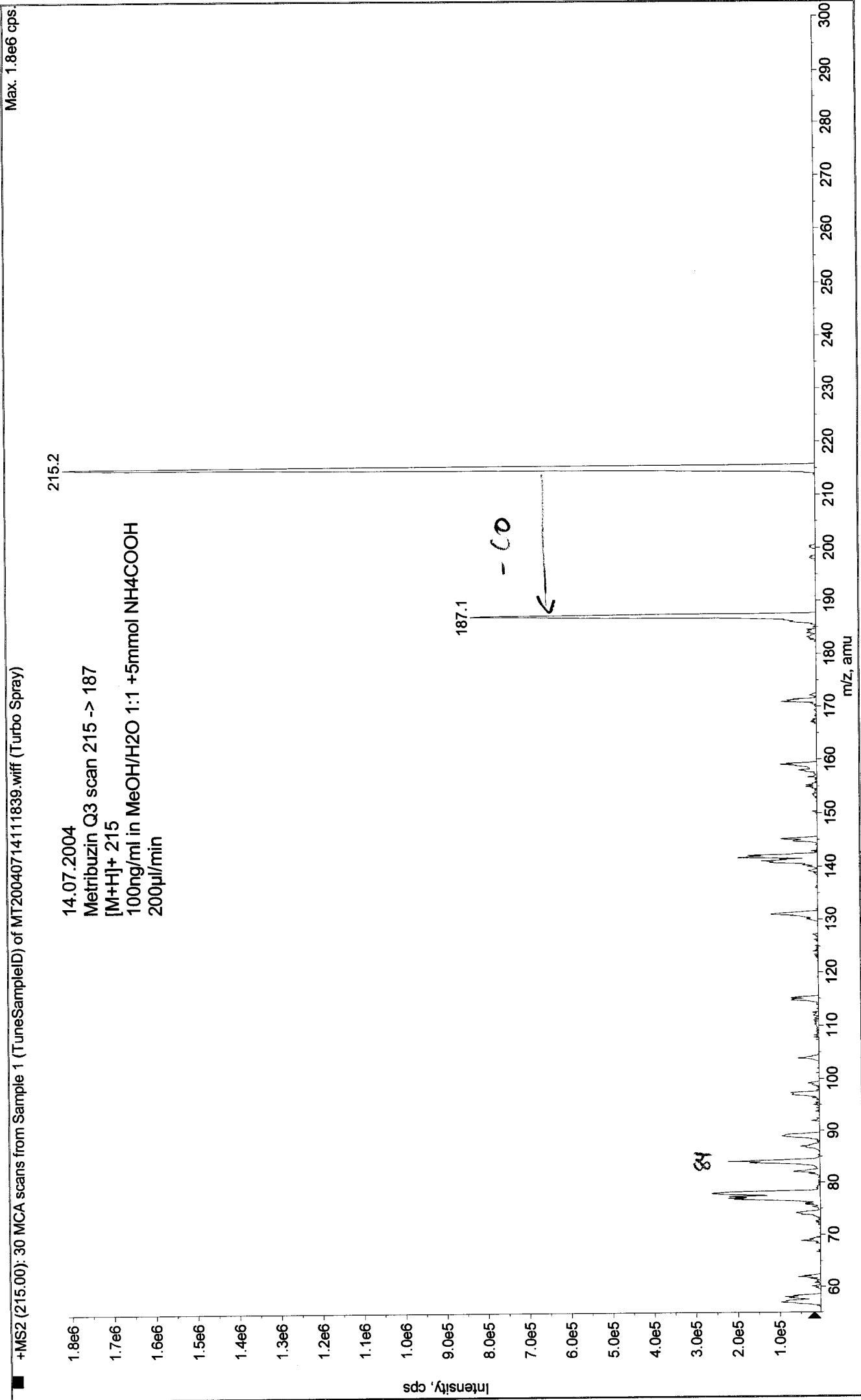
■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040714111549.wiff (Turbo Spray)



Printing Time: 11:19:55
Printing Date: Wednesday, July 14, 2004

Acq. Time: 11:18
Acq. Date: Wednesday, July 14, 2004
Acq. File: MT20040714111839.wiff

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



Printing Time: 11:21:02
Printing Date: Wednesday, July 14, 2004

Acq. Time: 11:20
Acq. Date: Wednesday, July 14, 2004
Acq. File: MT20040714112009.wiff

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

