

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

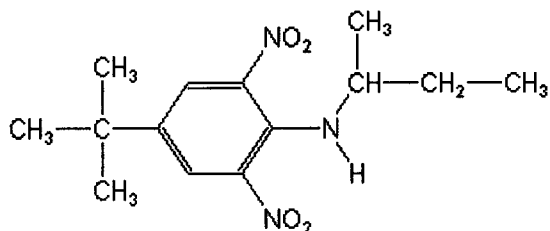
Analyte: Butralin

CAS No.: 33629-47-9

Formula: C₁₄H₂₁N₃O₄

Molecular mass (lowest isotopes): 295,15 amu

Structure:



Ionisation: ESI +

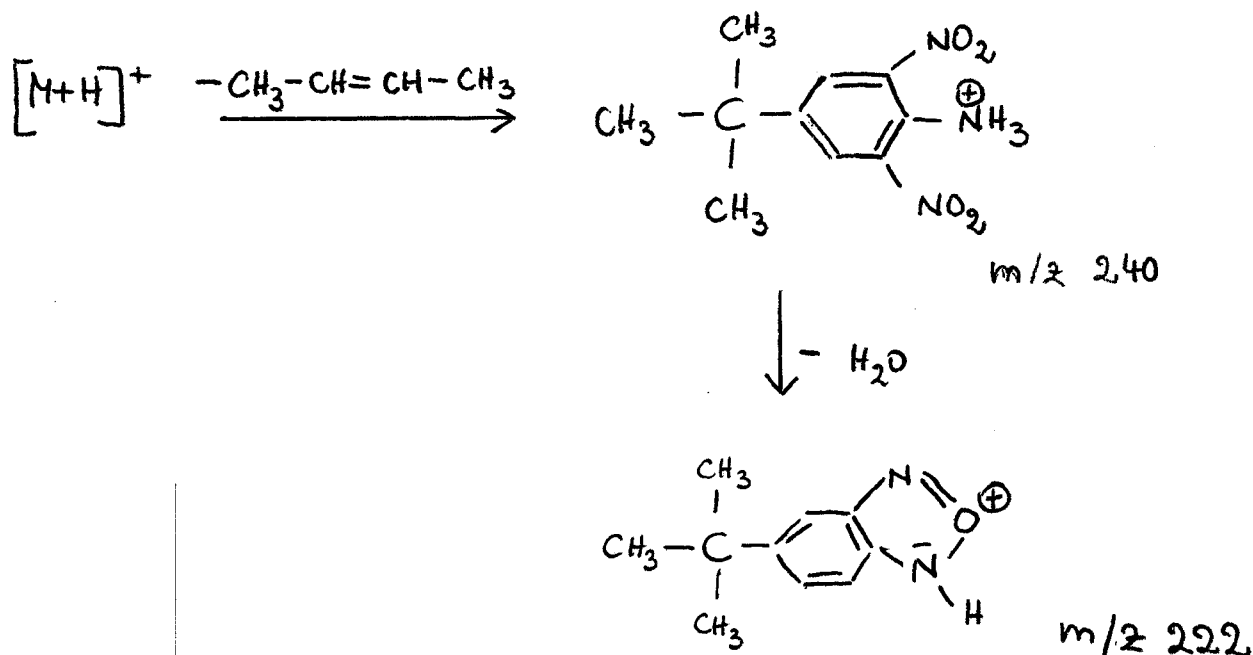
Quasimolecular ion: 296,2 amu = [M+H]⁺

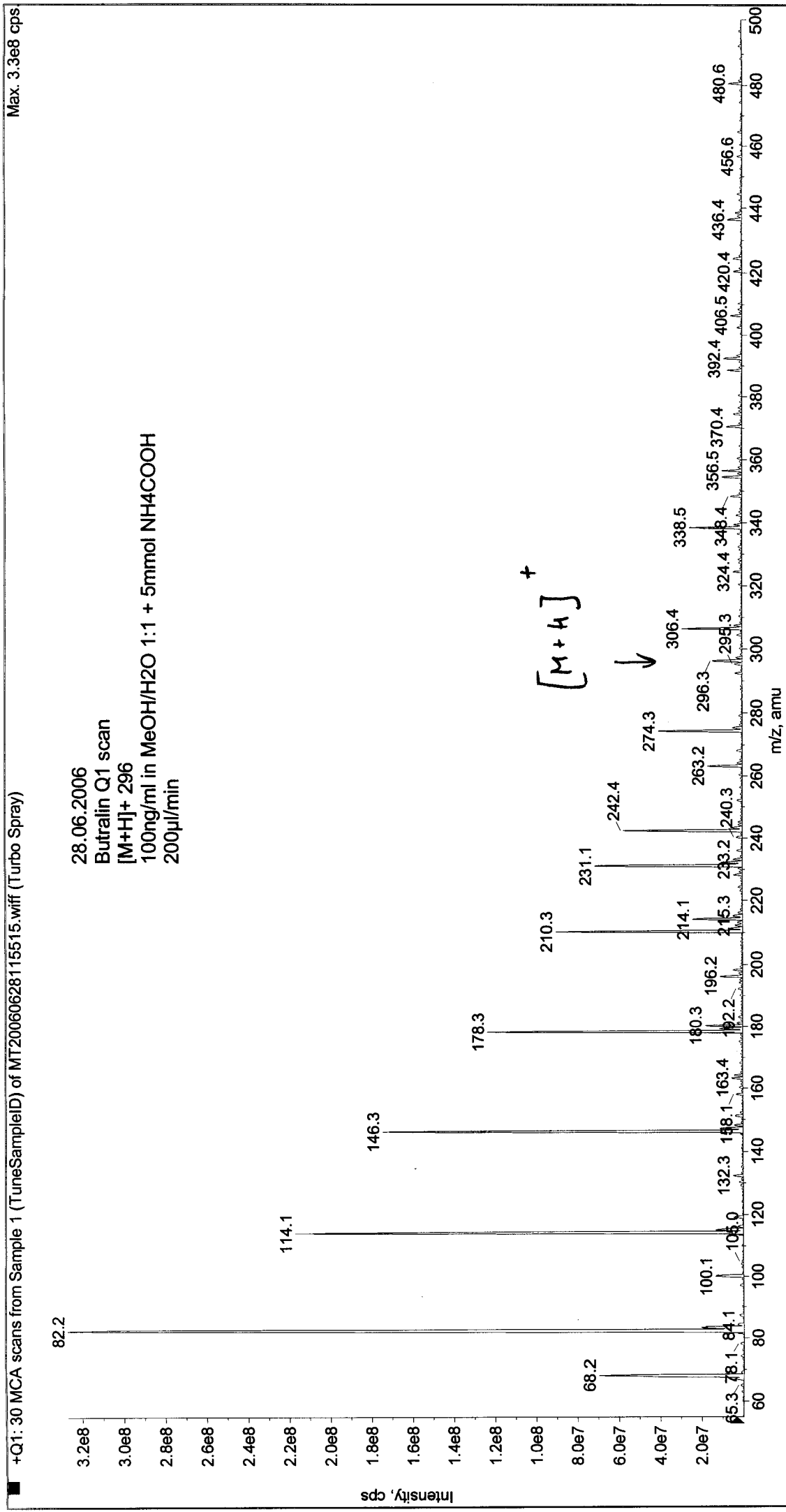
Analyte sensitive parameter set (API 2000)

Transition	296,2 → 240,1	296,2 → 222,0
Declustering potential (DP) ^{*)}	31 V	31 V
Focusing potential (FP)	350 V	360 V
Entrance potential (EP)	9,0 V	10,5 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	19 V	29 V
Collision cell exit potential (CXP)	12 V	12 V

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

Fragmentation





Printing Time: 11:59:39

Printing Date: Wednesday, June 28, 2006

Acq. Time: 11:58

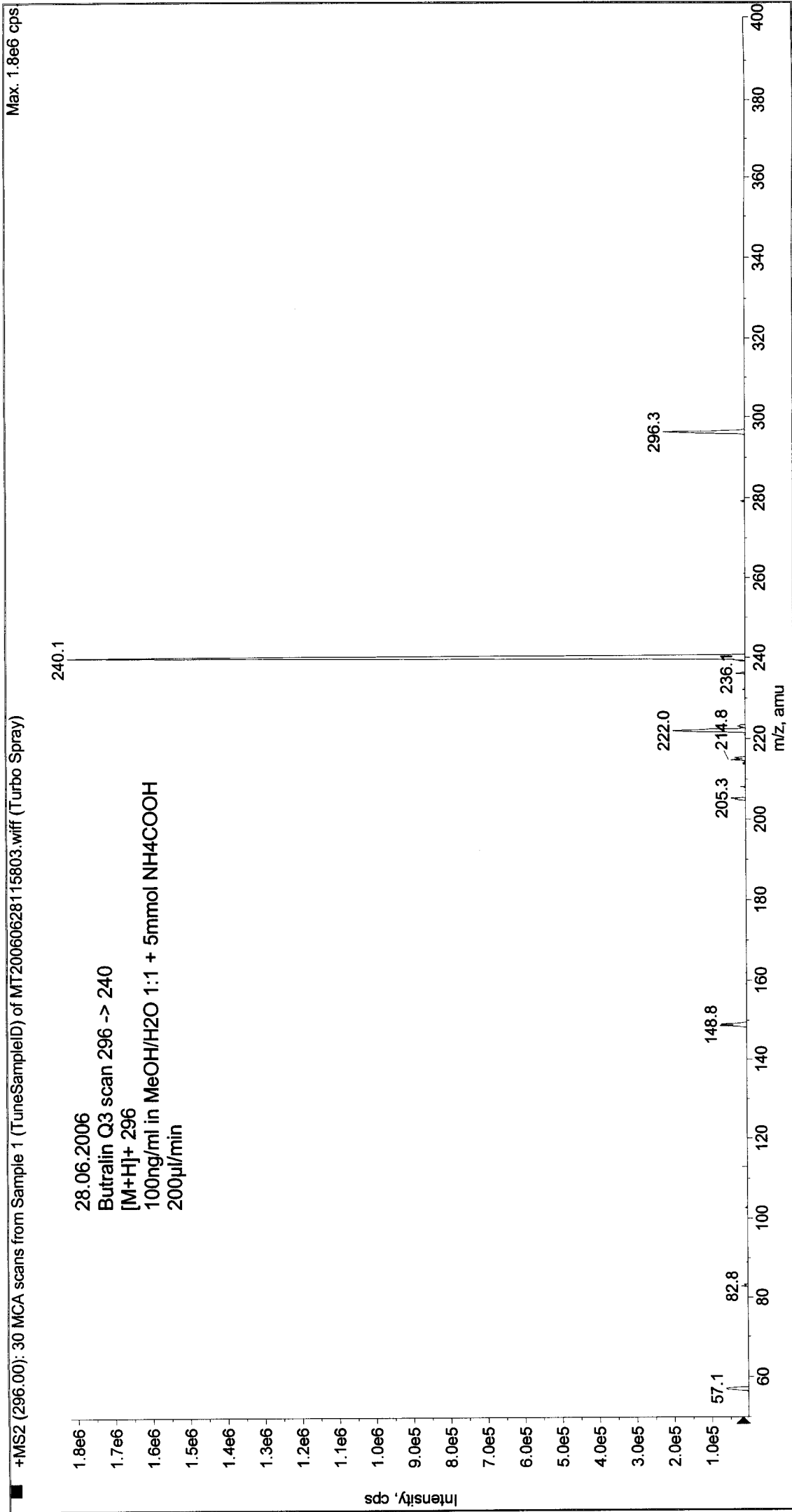
Acq. Date: Wednesday, June 28, 2006

Acq. File: MT20060628115803.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 12:09:40

Printing Date: Thursday, June 29, 2006

Acq. Time: 12:08

Acq. Date: Thursday, June 29, 2006

Acq. File: MT20060629120820.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

