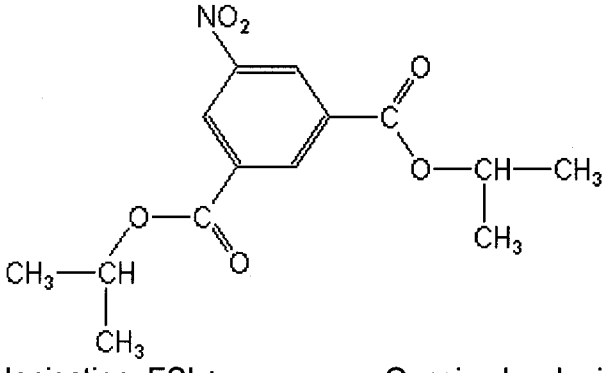
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Nitrothal-isopropyl

CAS No.: 10552-74-6
Formula: C14H17NO6
Molecular mass (lowest isotopes): 295,11 amu

Structure:



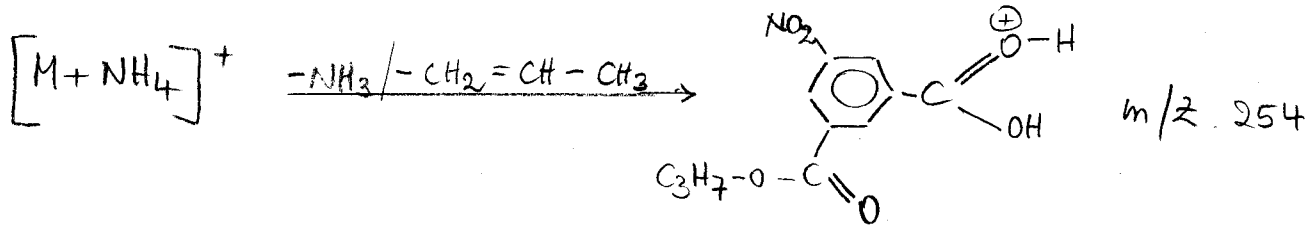
Ionisation: ESI + Quasimolecular ion: 313,1 amu = [M+NH4]+

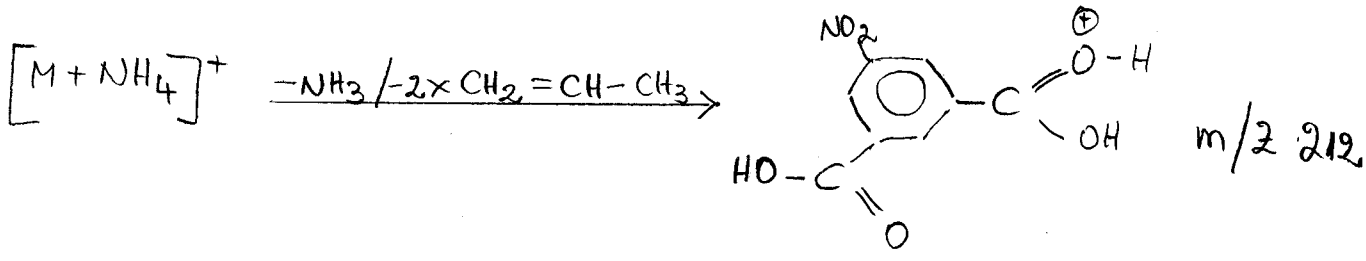
Analyte sensitive parameter set (API 2000)

Transition	313,1 → 211,8	313,1 → 253,9
Declustering potential (DP)*)	6V	6 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	29 V	17 V
Collision cell exit potential (CXP)	12 V	12 V

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

Fragmentation

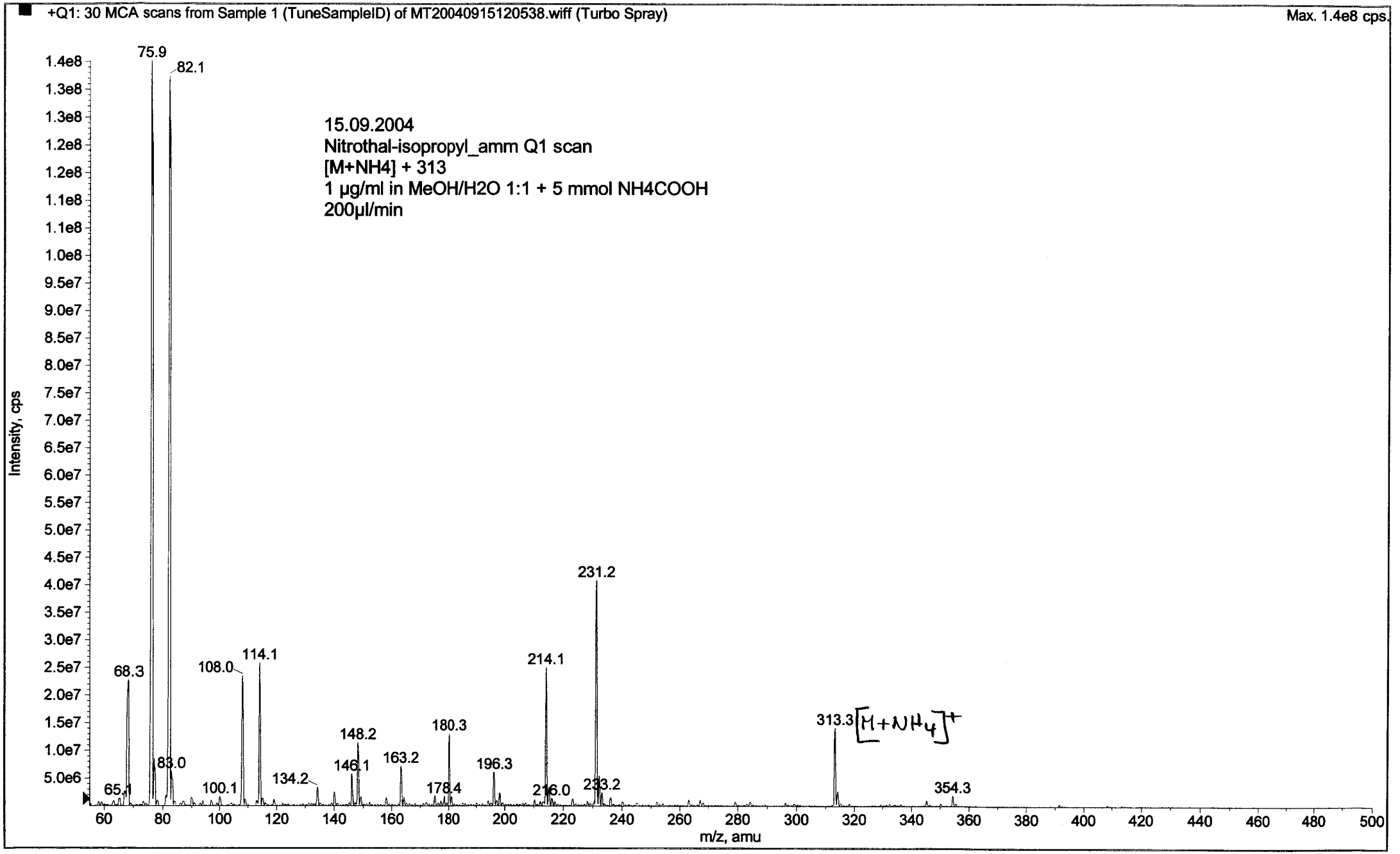




Printing Time: 12:06:26
Printing Date: Wednesday, September 15, 2004

Acq. Time: 12:05
Acq. Date: Wednesday, September 15, 2004
Acq. File: MT20040915120538.wiff

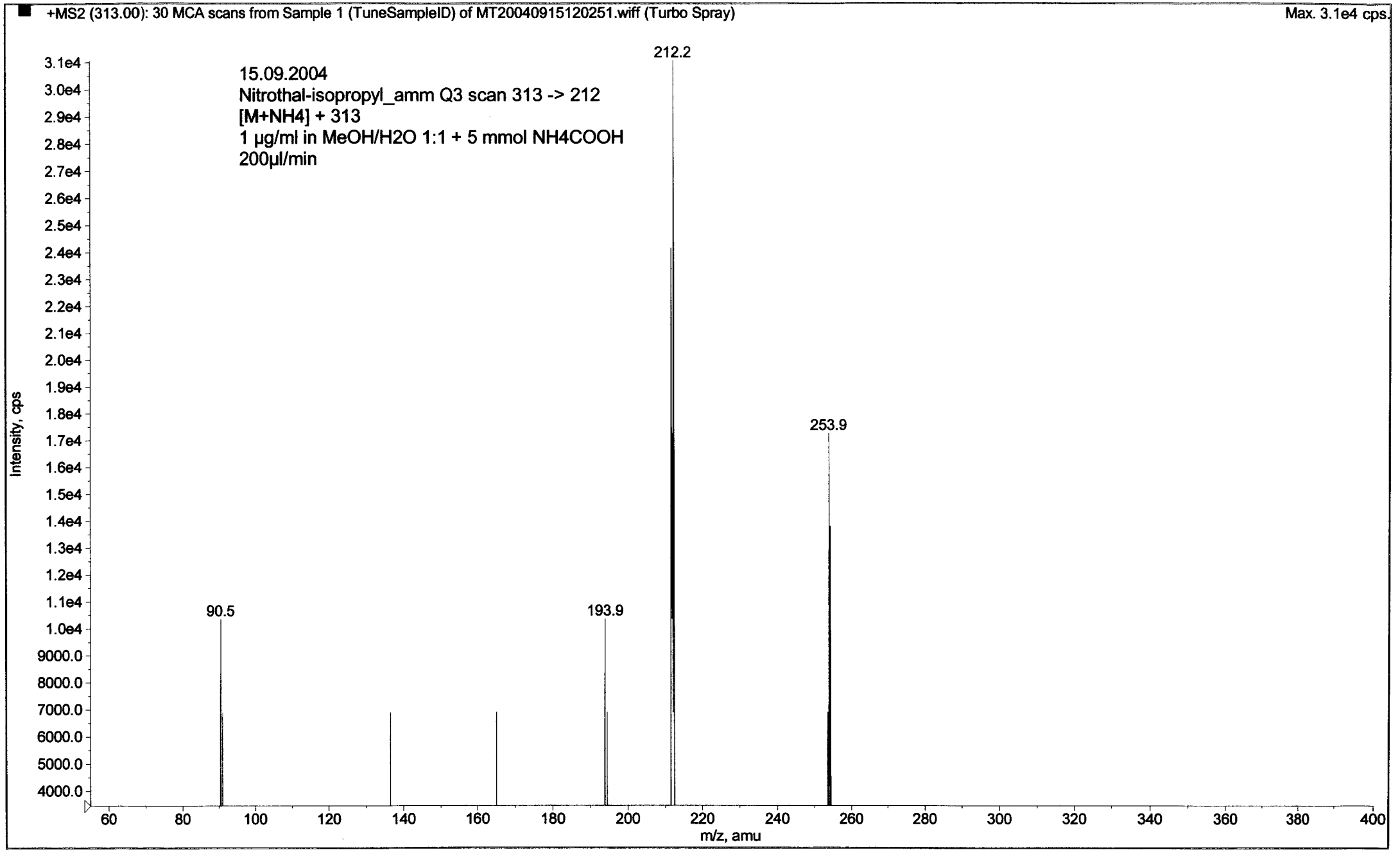
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



Printing Time: 12:04:17
Printing Date: Wednesday, September 15, 2004

Acq. Time: 12:02
Acq. Date: Wednesday, September 15, 2004
Acq. File: MT20040915120251.wiff

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



Printing Time: 12:25:05
Printing Date: Wednesday, September 15, 2004

Acq. Time: 12:22
Acq. Date: Wednesday, September 15, 2004
Acq. File: MT20040915122208.wiff

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