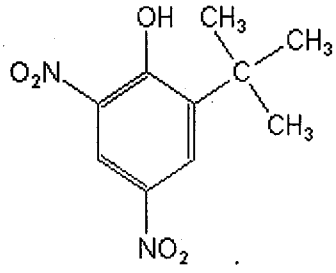
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Dinoterb

CAS No.: 1420-07-1
Formula: C10H12N2O5
Molecular mass (lowest isotopes): 240,10 amu

Structure:



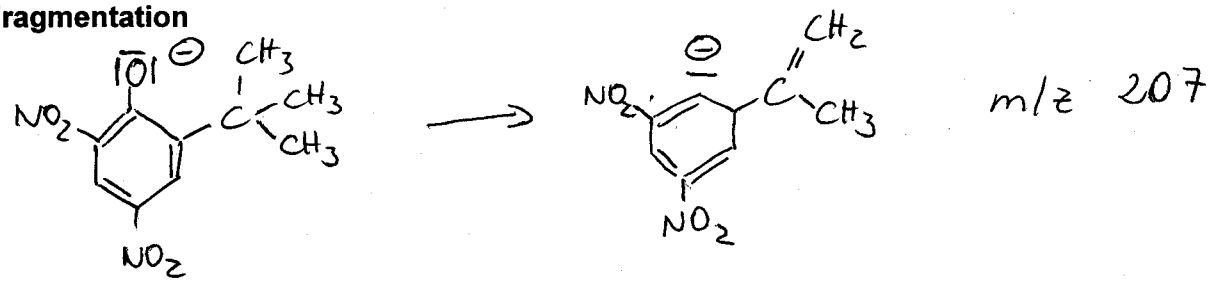
Ionisation: ESI– Quasimolecular ion: 239,1 amu = [M-H]-

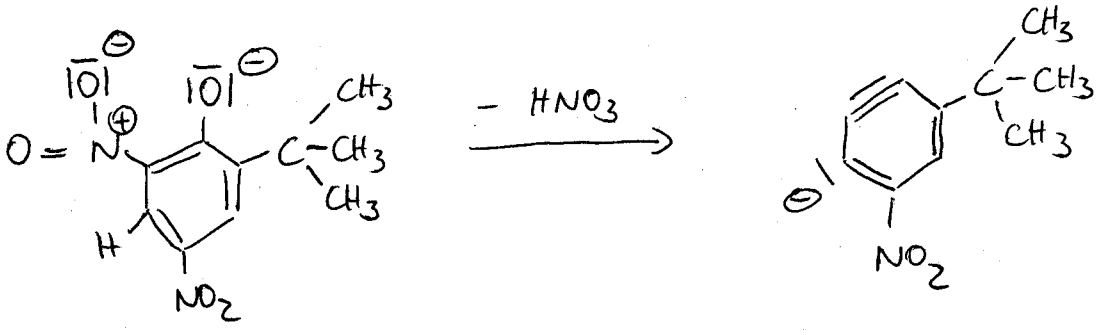
Analyte sensitive parameter set (API 2000)

Transition	239,1 → 207,0	239,1 → 176,0
Declustering potential (DP)*)	-26V	-26 V
Focusing potential (FP)	-330 V	-320 V
Entrance potential (EP)	-10,0 V	-10,5 V
Collision cell entrance potential (CEP)	-20 V	-24 V
Collision energy (CE)	-32 V	-48 V
Collision cell exit potential (CXP)	-14 V	-12 V

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

Fragmentation

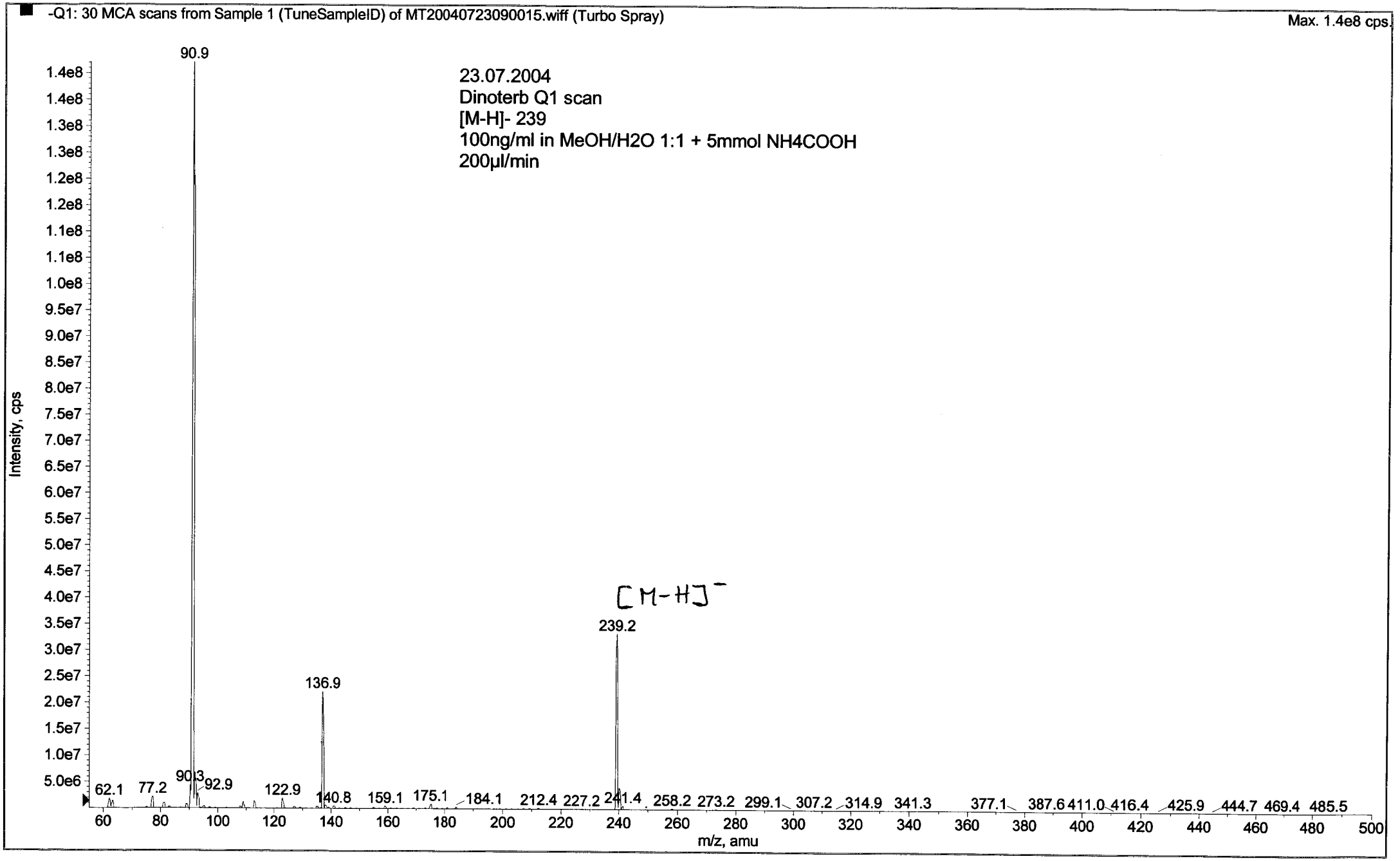




Printing Time: 9:02:31
Printing Date: Friday, July 23, 2004

Acq. Time: 09:00
Acq. Date: Friday, July 23, 2004
Acq. File: MT20040723090015.wiff

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



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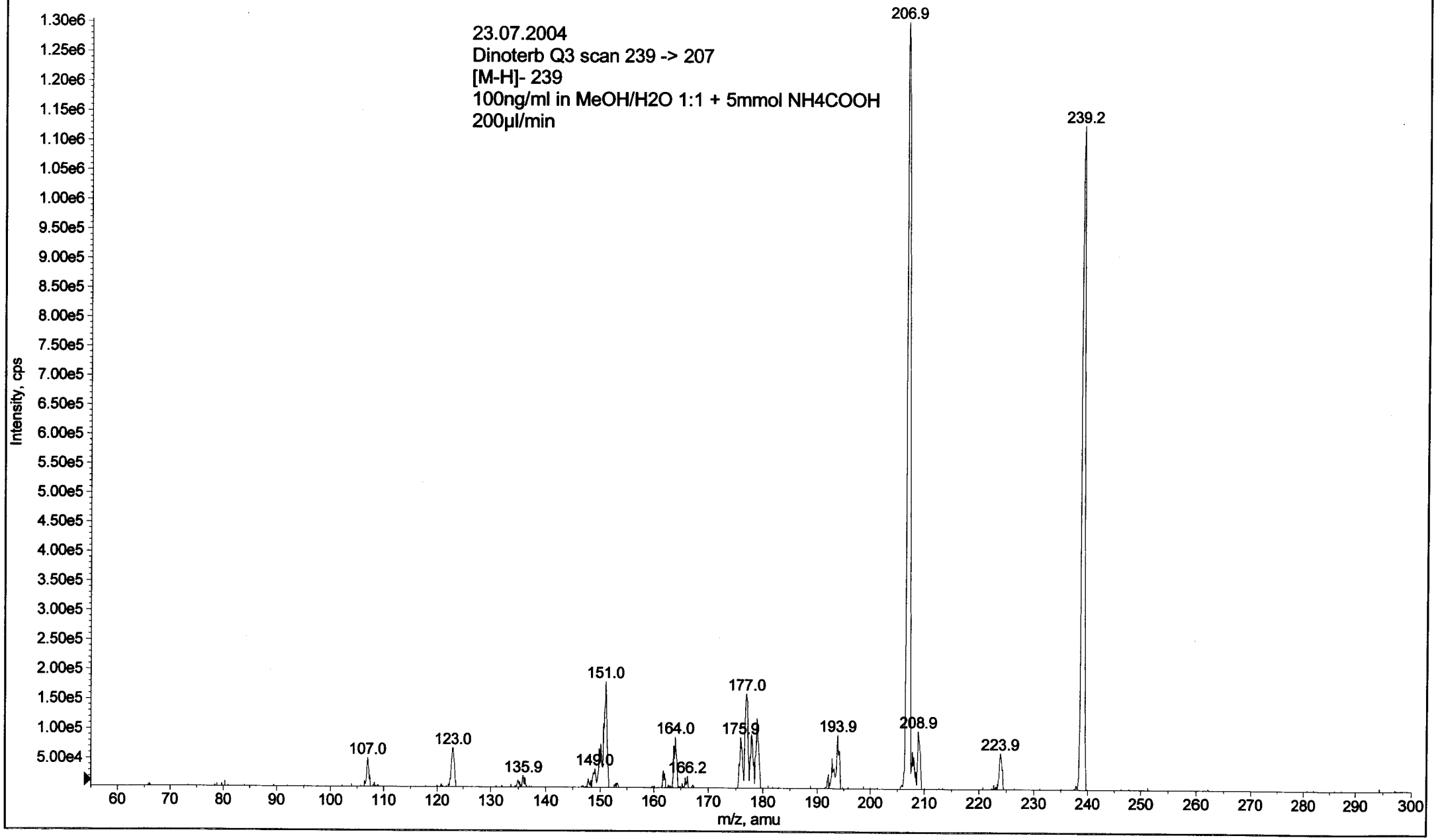
Printing Date: Friday, July 23, 2004

Acq. Time: 09:05
Acq. Date: Friday, July 23, 2004
Acq. File: MT20040723090514.wiff

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

-MS2 (239.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040723090514.wiff (Turbo Spray)

Max. 1.3e6 cps.



Printing Time: 10:27:42
Printing Date: Friday, July 23, 2004

Acq. Time: 10:26
Acq. Date: Friday, July 23, 2004
Acq. File: MT20040723102618.wiff

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