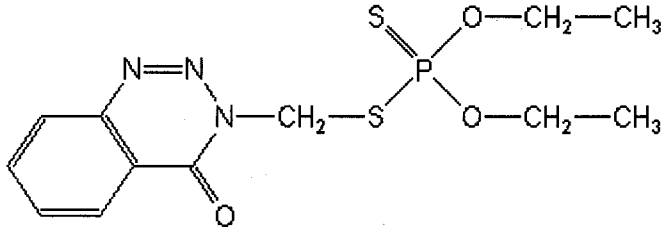
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Azinphos-ethyl

CAS No.: 2642-71-9
Formula: C12H16N3O3PS2
Molecular mass (lowest isotopes): 345,04 amu

Structure:



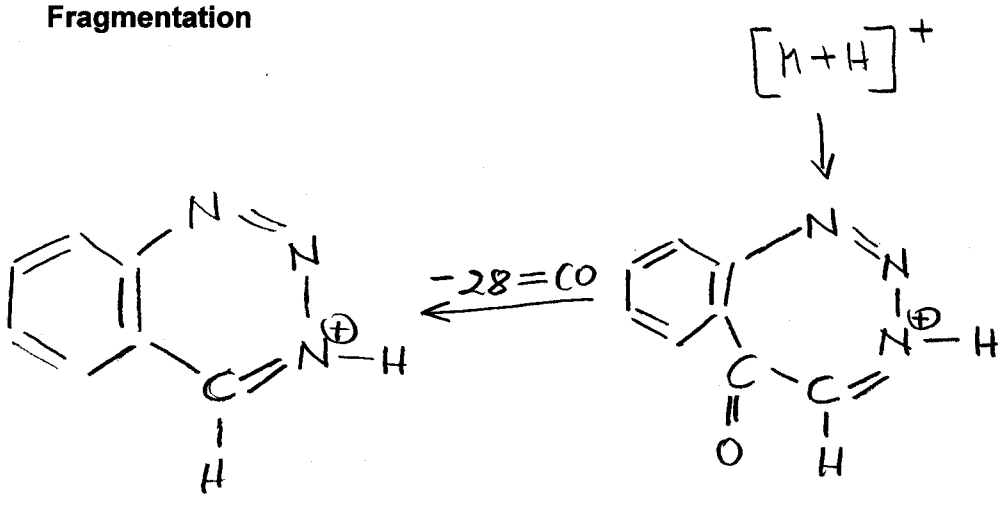
Ionisation: ESI + Quasimolecular ion: 346,0 amu = [M+H]+

Analyte sensitive parameter set (API 2000)

Transition	346,0 → 132,2	346,0 → 160,2
Declustering potential (DP)*)	24 V	24 V
Focusing potential (FP)	360 V	360 V
Entrance potential (EP)	9,5 V	9,0 V
Collision cell entrance potential (CEP)	22 V	24 V
Collision energy (CE)	21 V	15 V
Collision cell exit potential (CXP)	6 V	8 V

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

Fragmentation

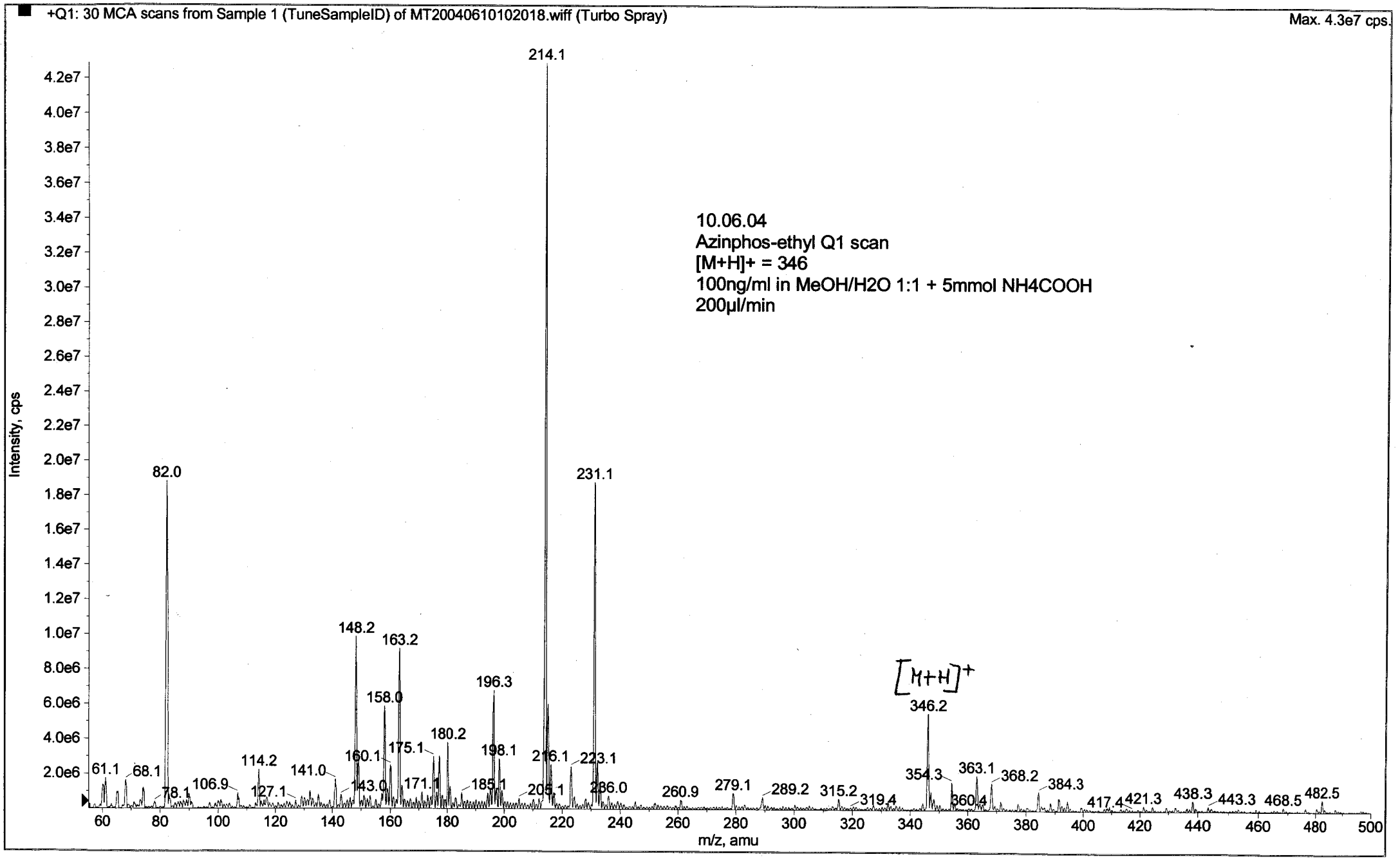


m/z 132 m/z 160

Printing Time: 10:26:20
Printing Date: Thursday, June 10, 2004

Acq. Time: 10:20
Acq. Date: Thursday, June 10, 2004
Acq. File: MT20040610102018.wiff

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



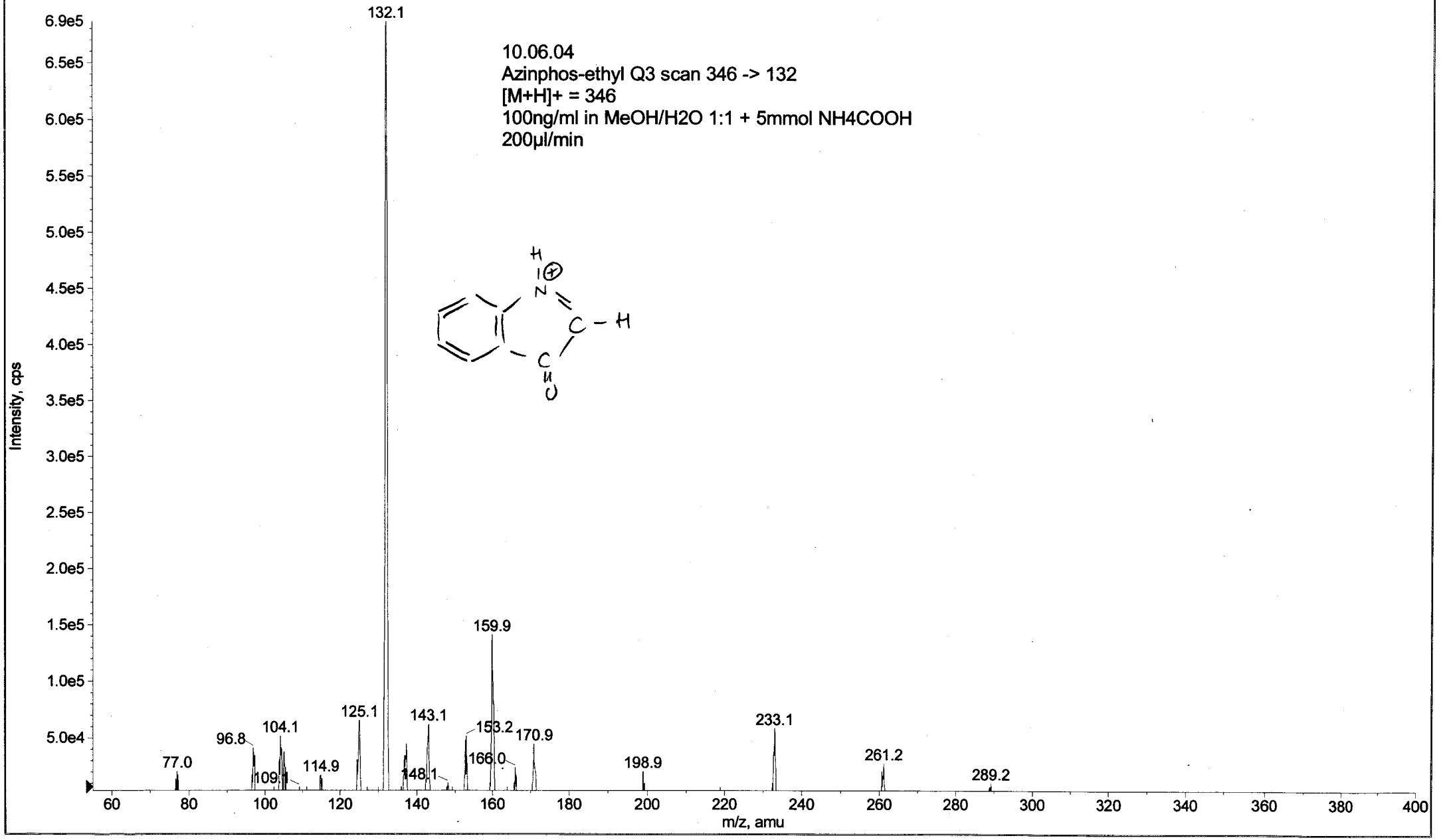
Printing Time: 10:30:23
Printing Date: Thursday, June 10, 2004

Acq. Time: 10:28
Acq. Date: Thursday, June 10, 2004
Acq. File: MT20040610102811.wiff

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

+MS2 (346.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040610102811.wiff (Turbo Spray)

Max. 6.9e5 cps.



Printing Time: 10:55:09
Printing Date: Thursday, June 10, 2004

Acq. Time: 10:53
Acq. Date: Thursday, June 10, 2004
Acq. File: MT20040610105347.wiff

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