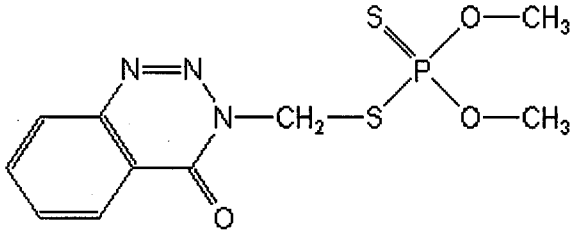
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Azinphos-methyl

CAS No.: 86-50-0
Formula: C10H12N3O3PS2
Molecular mass (lowest isotopes): 317,01 amu

Structure:



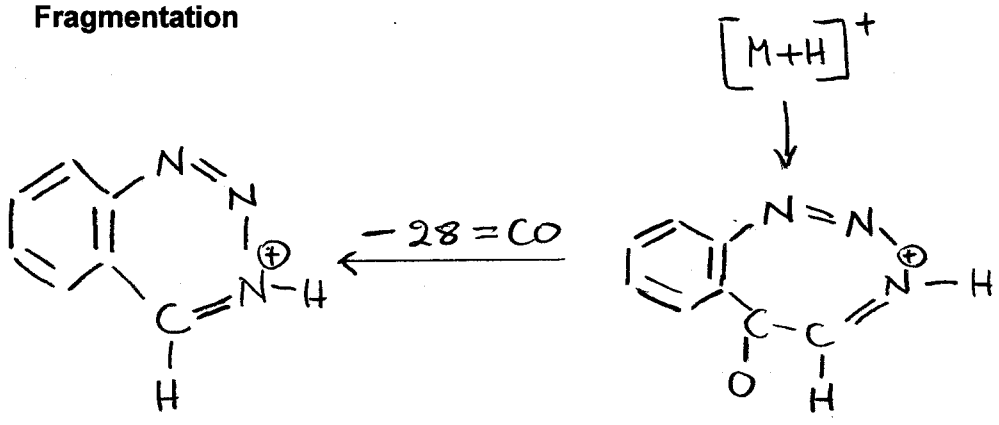
Ionisation: ESI + Quasimolecular ion: 318,0 amu = [M+H]+

Analyte sensitive parameter set (API 2000)

Transition	318,0 → 132,2	318,0 → 160,2
Declustering potential (DP)*)	14 V	14 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,0 V	11,5 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	21 V	13 V
Collision cell exit potential (CXP)	6 V	8 V

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

Fragmentation



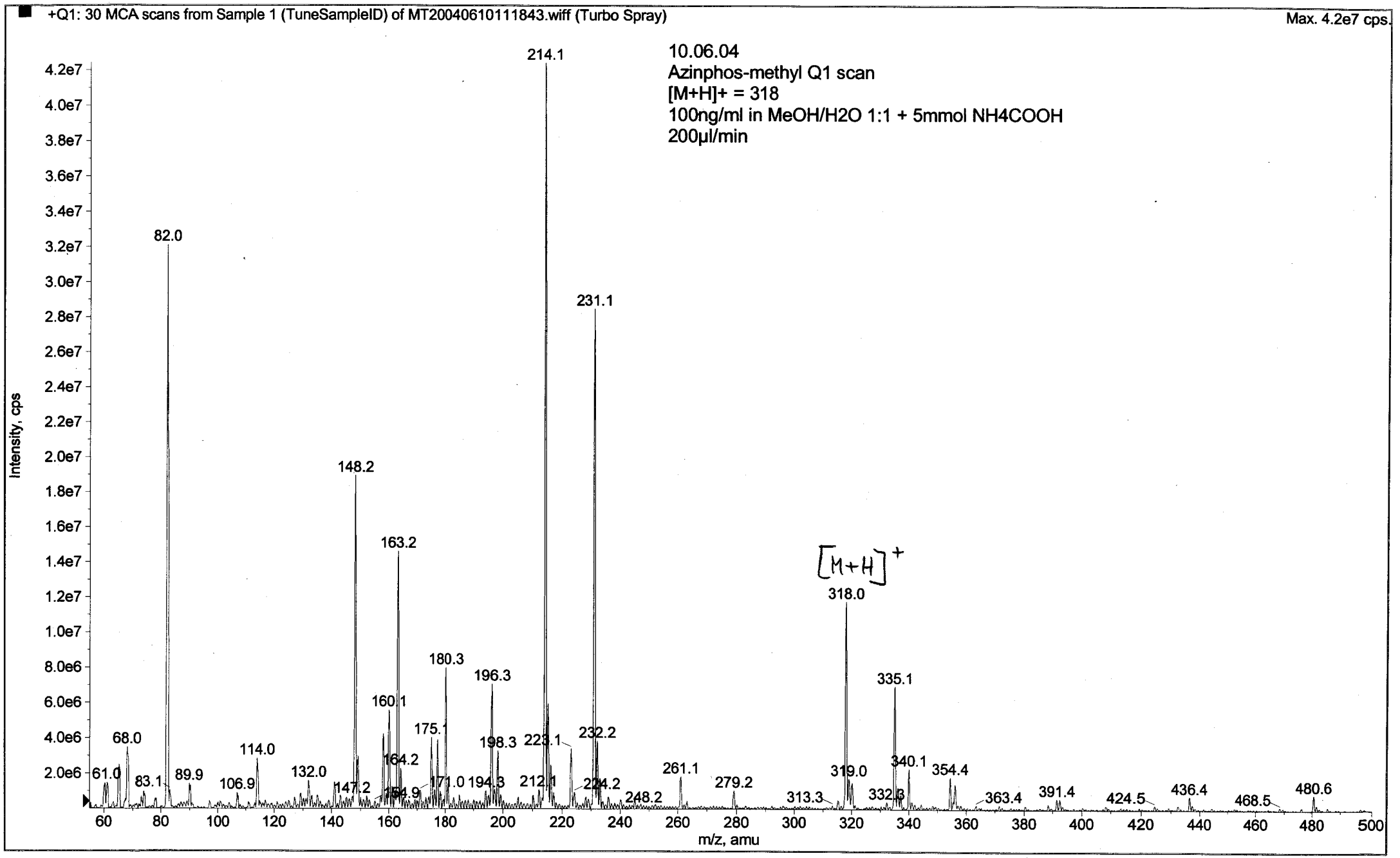
m/z 132

m/z 160

Printing Time: 11:20:18
Printing Date: Thursday, June 10, 2004

Acq Time: 11:18
Acq Date: Thursday, June 10, 2004
Acq. File: MT20040610111843.wiff

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



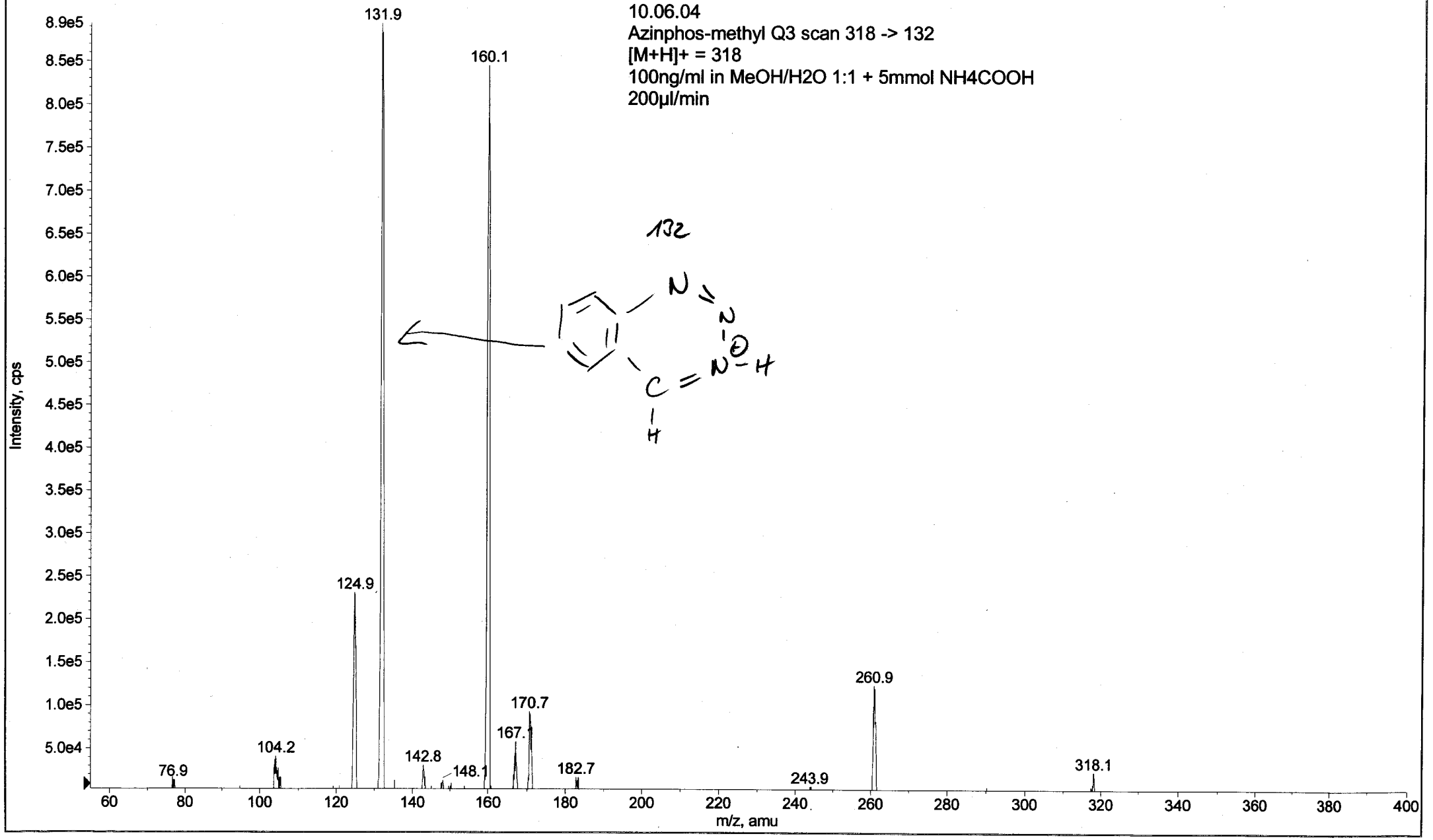
Printing Time: 11:23:14
Printing Date: Thursday, June 10, 2004

Acq. Time: 11:21
Acq. Date: Thursday, June 10, 2004
Acq. File: MT20040610112142.wiff

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

+MS2 (318.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040610112142.wiff (Turbo Spray)

Max. 8.9e5 cps.



Printing Time: 11:30:24
Printing Date: Thursday, June 10, 2004

Acq. Time: 11:29
Acq. Date: Thursday, June 10, 2004
Acq. File: MT20040610112918.wiff

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

+MS2 (318.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040610112918.wiff (Turbo Spray)

Max. 1.0e6 cps.