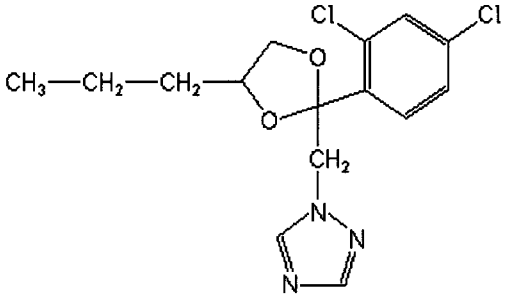
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Propiconazole

CAS No.: 60207-90-1
Formula: C15H17Cl2N3O2
Molecular mass (lowest isotopes): 341,07 amu

Structure:



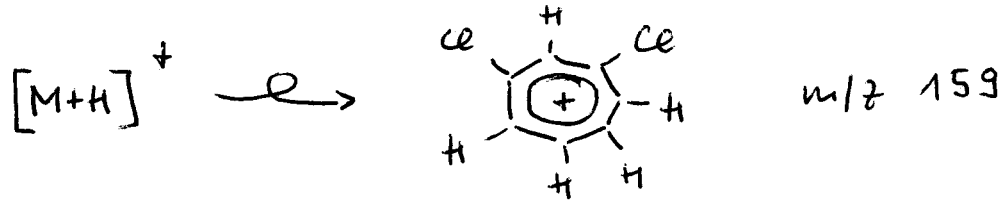
Ionisation: ESI + Quasimolecular ion: 342,1 amu = [M+H]+

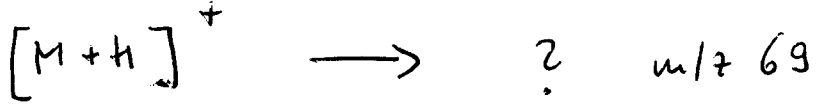
Analyte sensitive parameter set (API 2000)

Transition	342,1 → 69,1	342,1 → 159,0
Declustering potential (DP)*)	46 V	46 V
Focusing potential (FP)	340 V	370 V
Entrance potential (EP)	10,5 V	10,0 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	33 V	37 V
Collision cell exit potential (CXP)	4 V	8 V

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

Fragmentation





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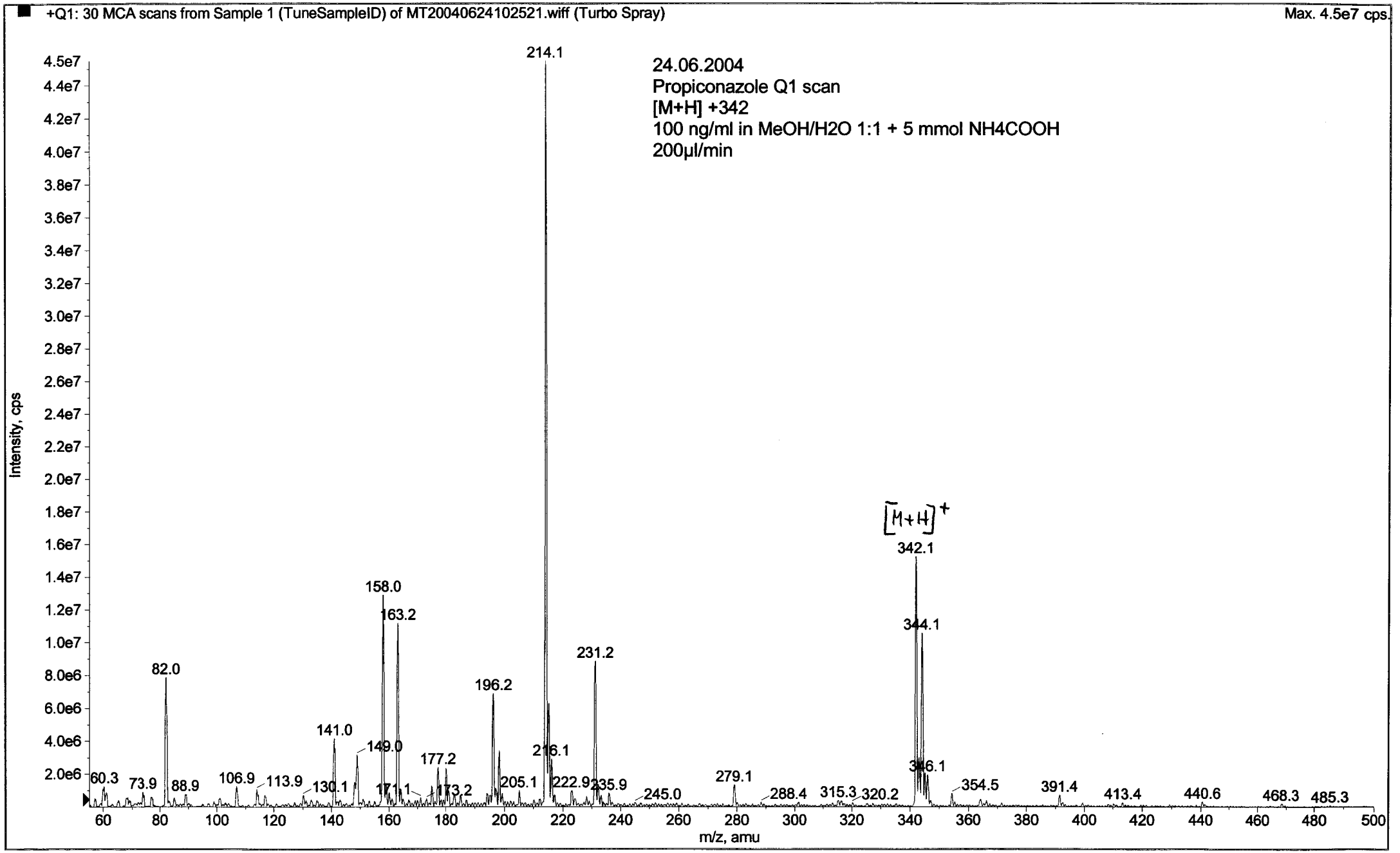
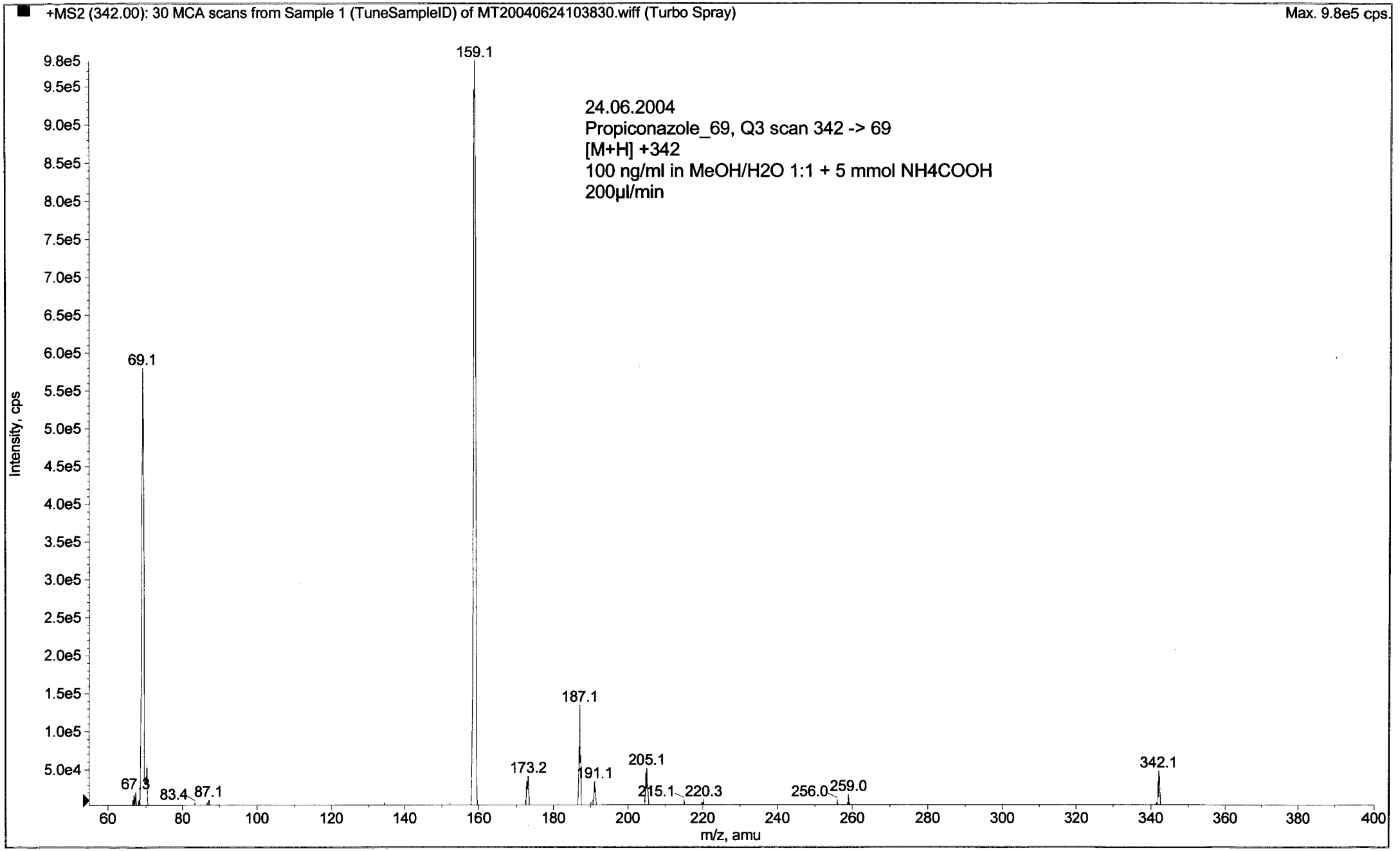
Printing Date: Thursday, June 24, 2004

Acq. Time: 10:25
Acq. Date: Thursday, June 24, 2004
Acq. File: MT20040624102521.wiff

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




+MS2 (342.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040624103830.wiff (Turbo Spray)
Max. 9.8e5 cps.
24.06.2004
Propiconazole_69, Q3 scan 342 -> 69
[M+H] +342
100 ng/ml in MeOH/H2O 1:1 + 5 mmol NH4COOH
200µl/min
Intensity, cps
m/z, amu
159.1
69.1
187.1
173.2
205.1
191.1
342.1
67.3
83.4
87.1
215.1
220.3
256.0
259.0

Printing Time: 10:30:28
Printing Date: Thursday, June 24, 2004

Acq. Time: 10:29
Acq. Date: Thursday, June 24, 2004
Acq. File: MT20040624102912.wiff

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

+MS2 (342.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040624102912.wiff (Turbo Spray)

Max. 1.3e6 cps.