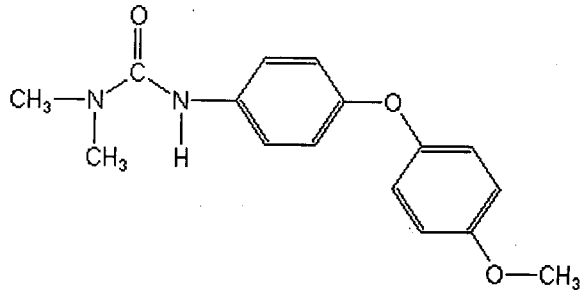
Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

Analyte: Difenoxuron

CAS No.: 14214-32-5
Formula: C16H18N2O3
Molecular mass (lowest isotopes): 286,13 amu

Structure:



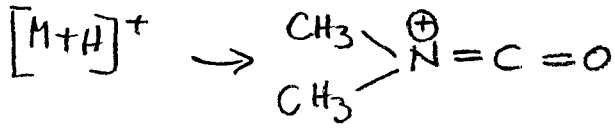
Ionisation: ESI + Quasimolecular ion: 287,1 amu = [M+H]+

Analyte sensitive parameter set (API 2000)

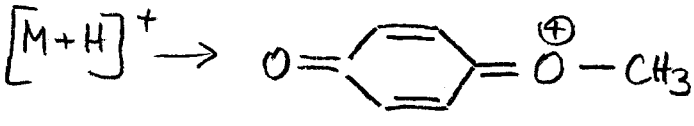
Transition	287,1 → 123,1	287,1 → 72,1
Declustering potential (DP)*)	39 V	39 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	10,5 V	10,5 V
Collision cell entrance potential (CEP)	18 V	18 V
Collision energy (CE)	25 V	39 V
Collision cell exit potential (CXP)	6 V	10 V

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

Fragmentation



m/z 72



m/z 123

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Printing Date: Thursday, July 22, 2004

Acq. Time: 13:34
Acq. Date: Thursday, July 22, 2004
Acq. File: MT20040722133413.wiff

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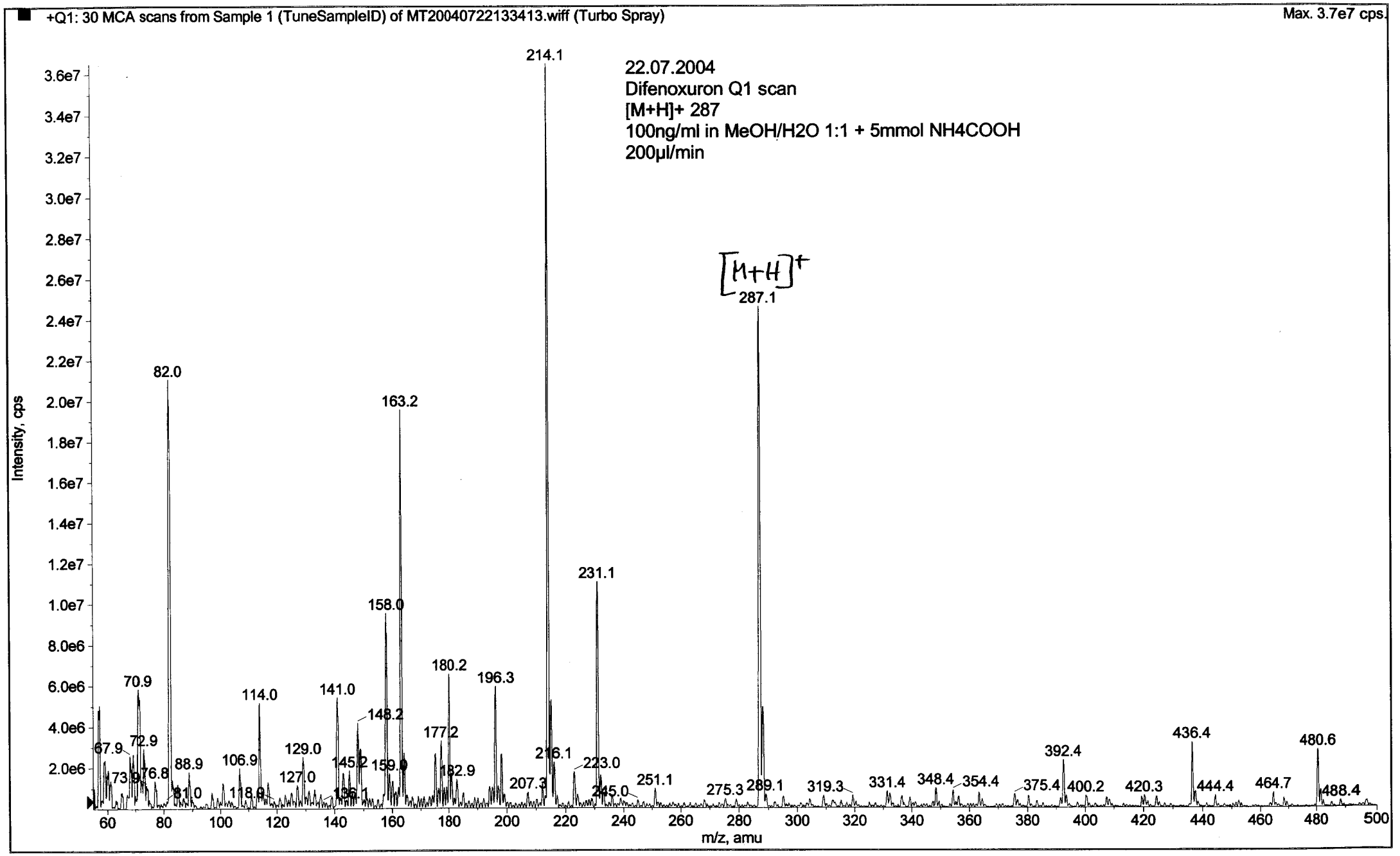
Batch Name: ManualTune.bat



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Acq. le: MT20040722133641.wiff

Sample Comment:
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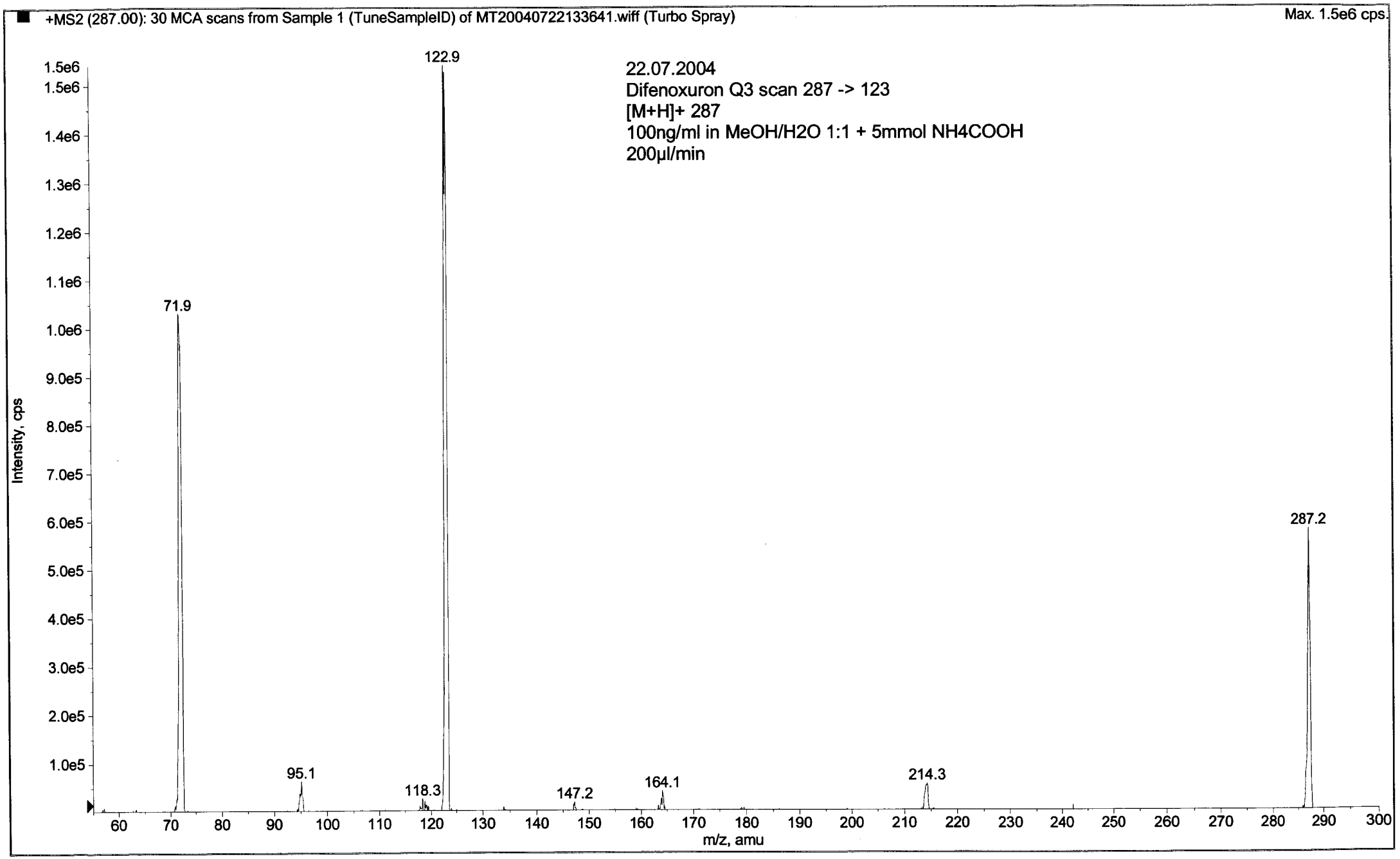
Batch Name: ManualTune.bat



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Printing Date: Thursday, July 22, 2004

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