

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

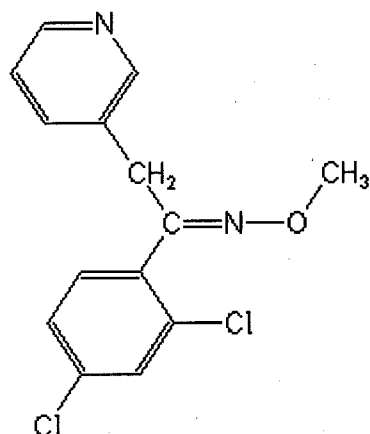
Analyte: Pyrifenox

CAS No.: 88283-41-4

Formula: C₁₄H₁₂Cl₂N₂O

Molecular mass (lowest isotopes): 294,03 amu

Structure:



Ionisation: ESI +

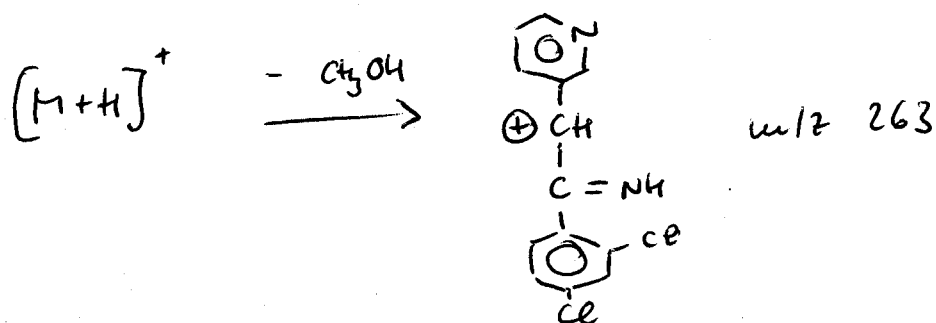
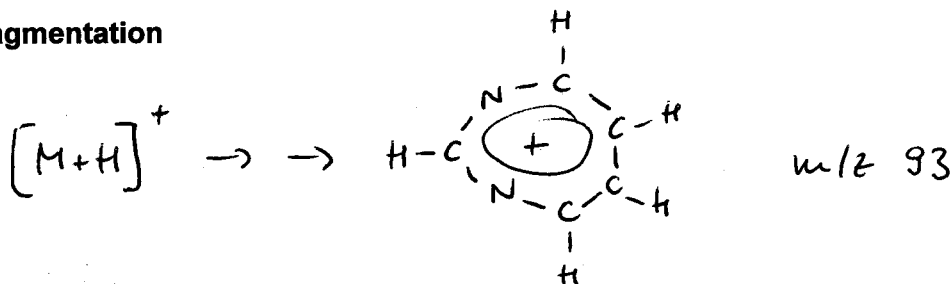
Quasimolecular ion: 295,0 amu = [M+H]⁺

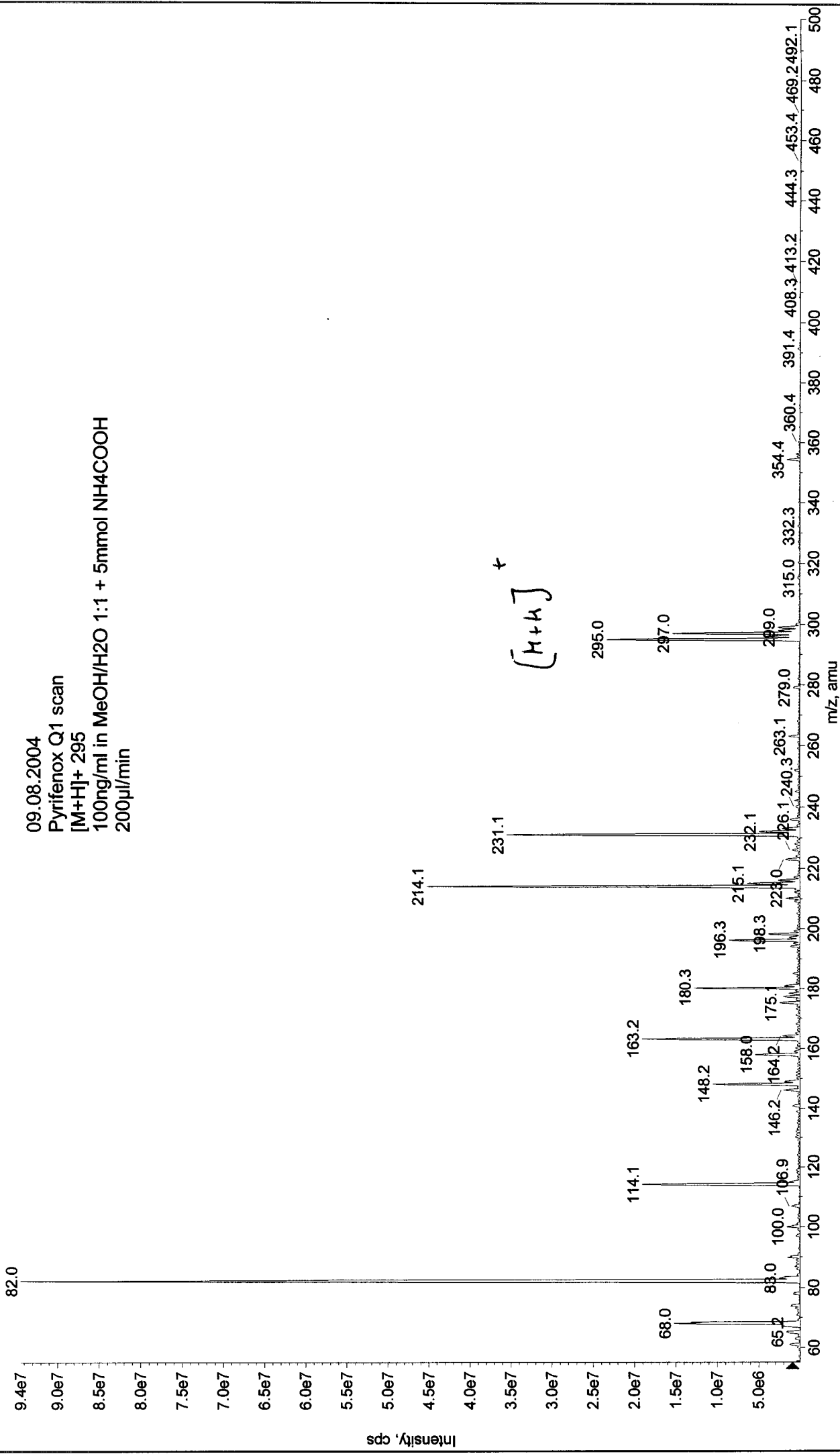
Analyte sensitive parameter set (API 2000)

Transition	295,0 → 93,1	295,0 → 263,1
Declustering potential (DP) ^{*)}	16 V	16 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	12,0 V	10,0 V
Collision cell entrance potential (CEP)	18 V	20 V
Collision energy (CE)	31 V	25 V
Collision cell exit potential (CXP)	4 V	14 V

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

Fragmentation



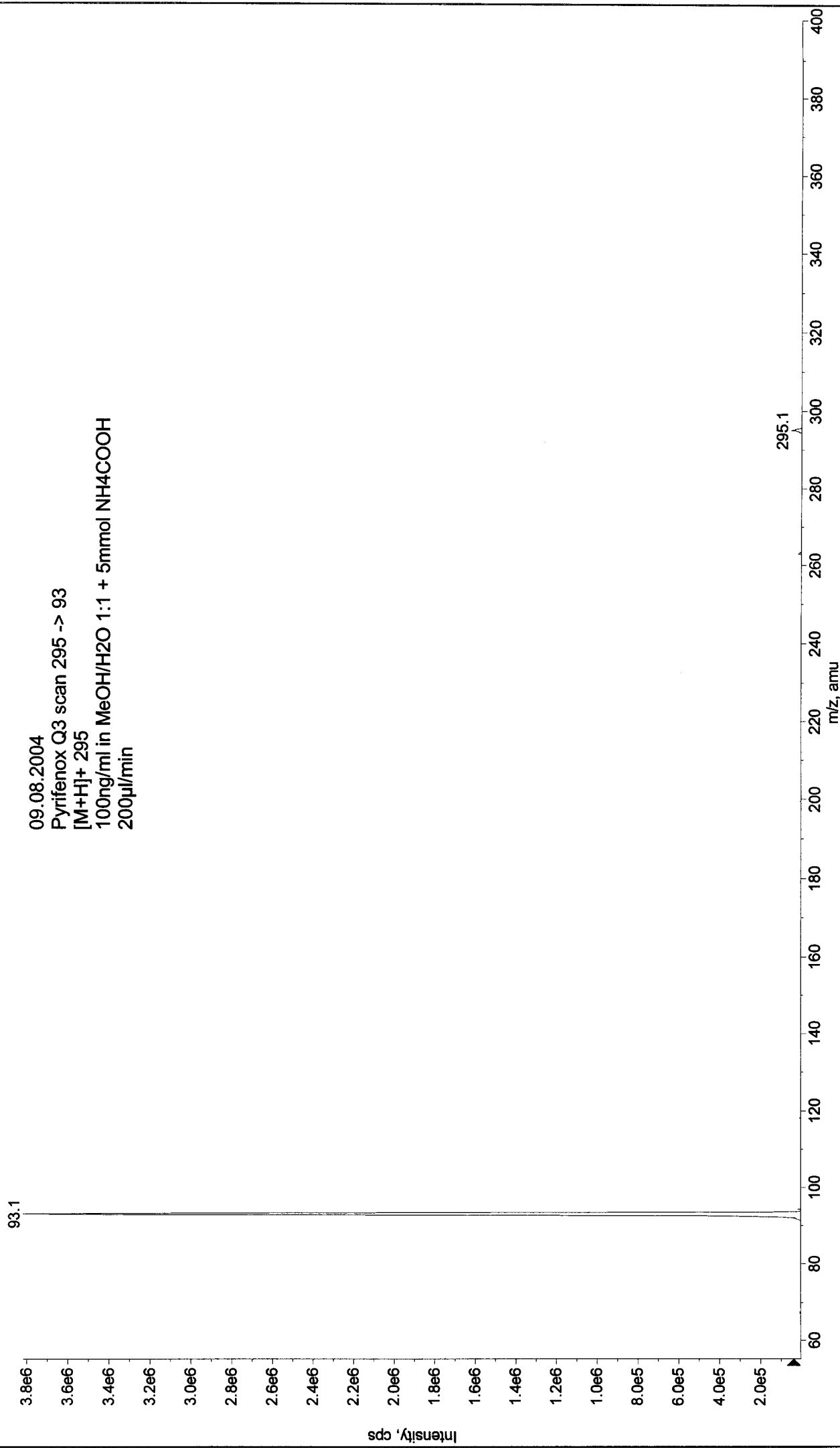


Printing Time: 8:03:27
Printing Date: Monday, August 09, 2004

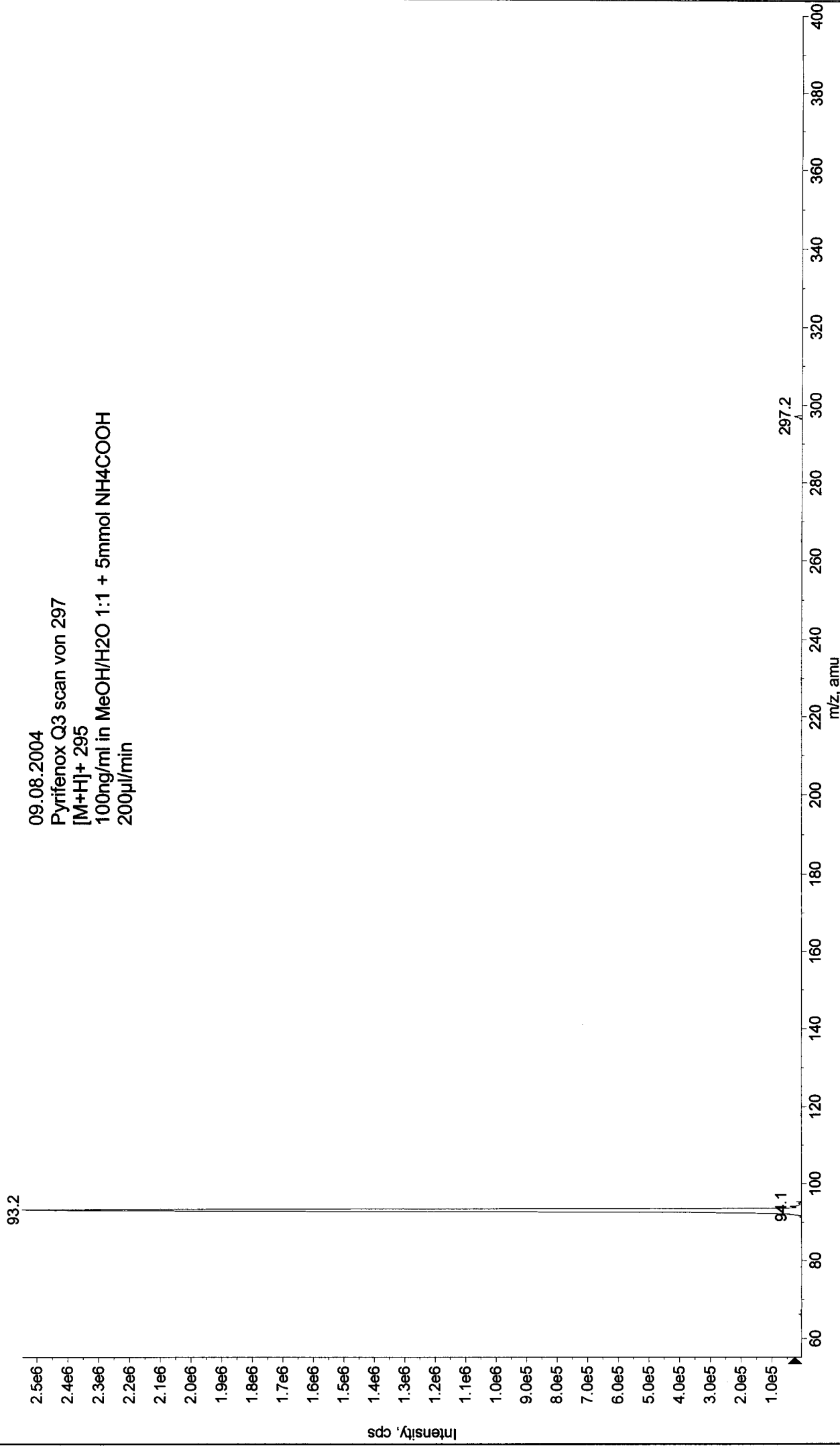
Acq. Time: 08:01
Acq. Date: Monday, August 09, 2004
Acq. File: MT20040809080158.wiff

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

■ +MS2 (295.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809080158.wiff (Turbo Spray) Max. 3.8e6 cps

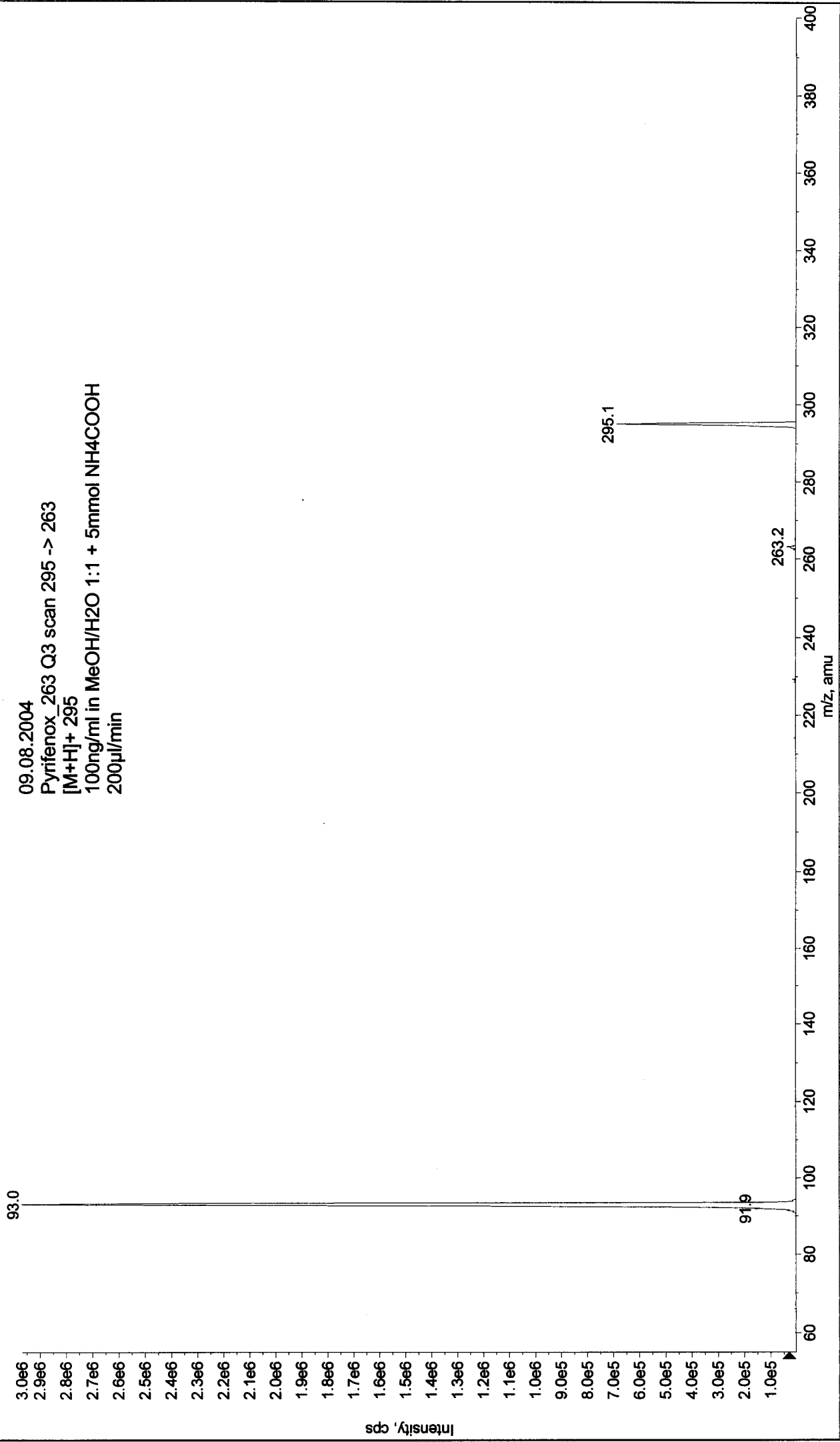


■ +MS2 (297.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809080355.wiff (Turbo Spray) Max. 2.5e6 cps.



Max. 3.0e6 cps

+MS2 (295.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809081718.wiff (Turbo Spray)



+MS2 (297.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040809082454.wiff (Turbo Spray) Max. 1.9e6 cps

