

MS/MS Parameters of Pesticides

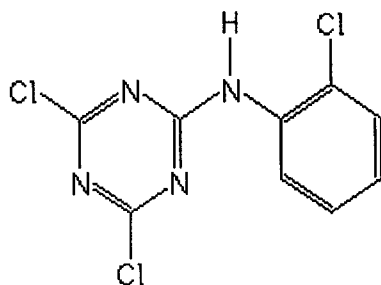
Analyte: Anilazine

CAS No.: 101-05-3

Formula: C₉H₅Cl₃N₄

Molecular mass (lowest isotopes): 273,96 amu

Structure:



Ionisation: ESI +

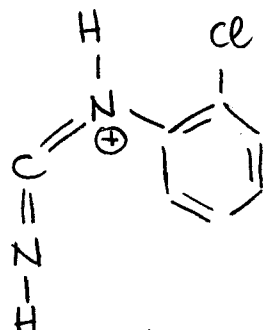
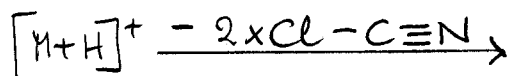
Quasimolecular ion: 277,0 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

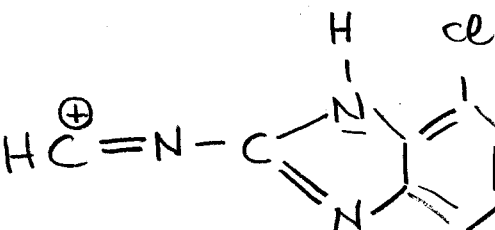
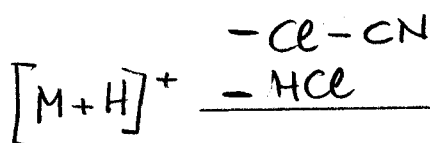
Transition	277,0 → 153,1	277,0 → 178,1
Declustering potential (DP) ^{*)}	51 V	51 V
Focusing potential (FP)	260 V	370 V
Entrance potential (EP)	12,0 V	12,0 V
Collision cell entrance potential (CEP)	16 V	16 V
Collision energy (CE)	33 V	33 V
Collision cell exit potential (CXP)	8 V	8 V

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

Fragmentation



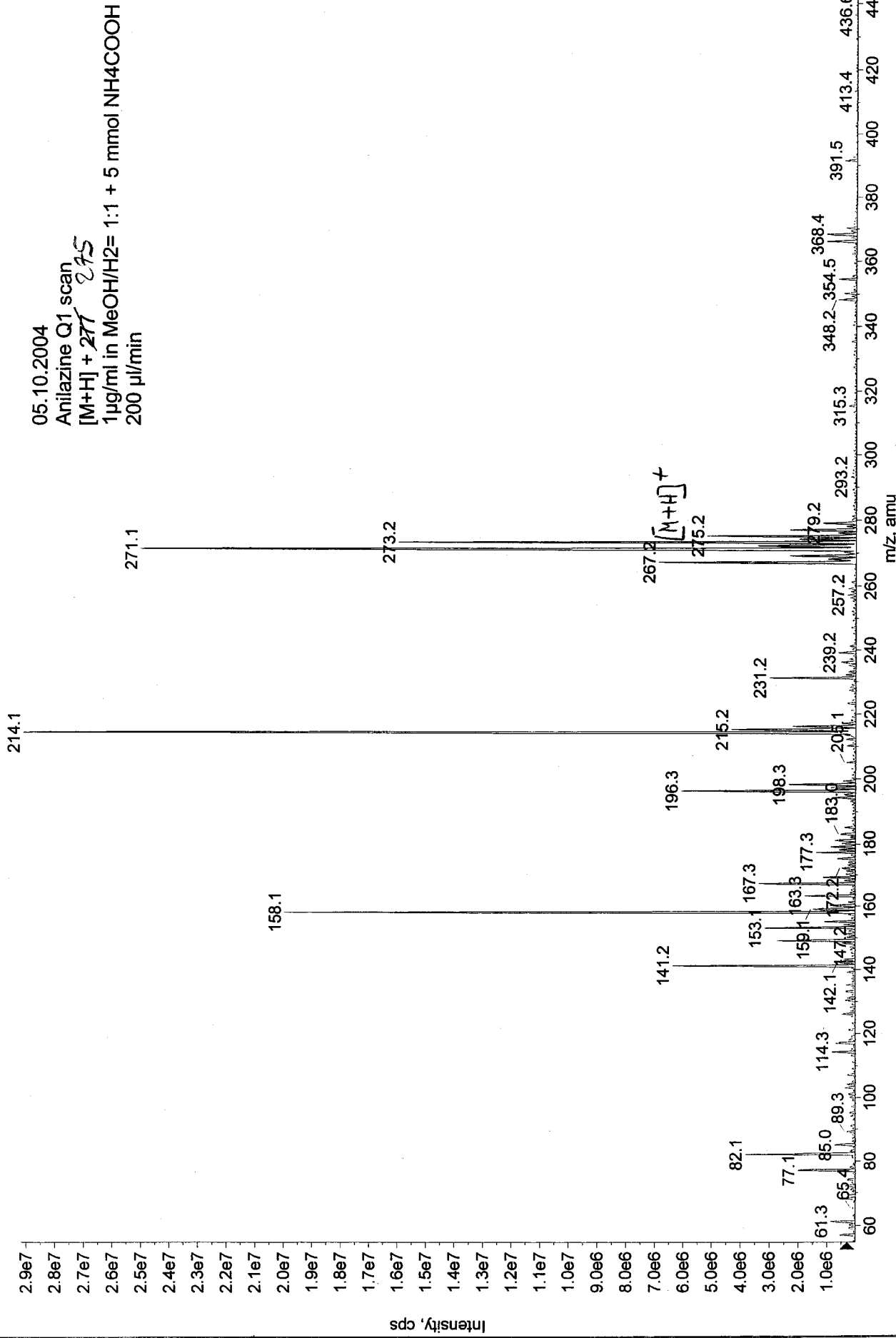
m/z 153/155



m/z 178/180

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20041005120144.wiff (Turbo Spray)

Max. 2.9e7 cps



Printing Time: 12:08:44

Printing Date: Tuesday, October 05, 2004

Acq. Time: 12:07

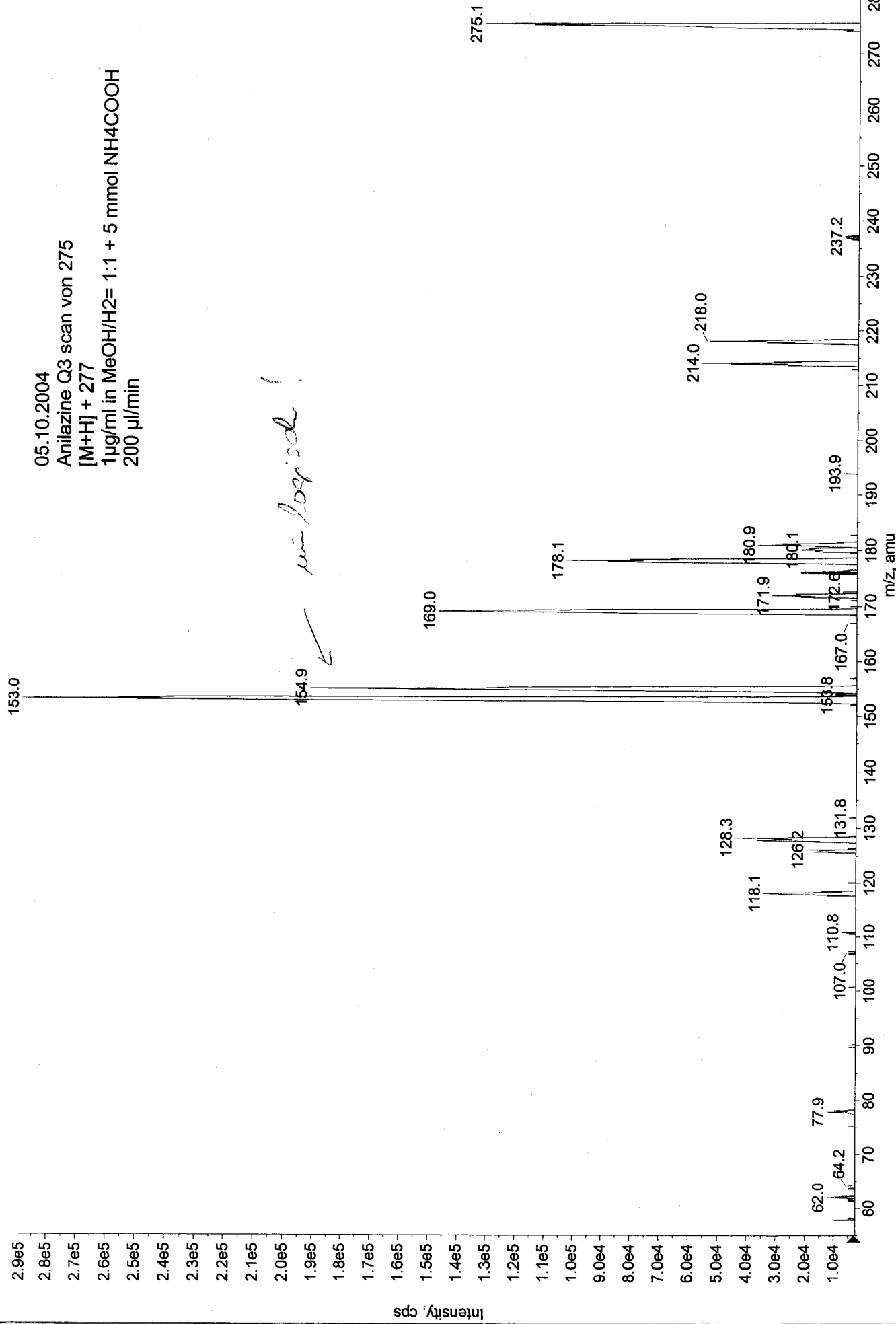
Ac Date: Tuesday, October 05, 2004

Sample Comment:

Sample Name: TuneSampleID

+MS2 (275.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041005120706.wiff (Turbo Spray)

Max. 2.9e5 cps



Printing Time: 12:07:48

Printing Date: Tuesday, October 05, 2004

Acq. me: 12:04

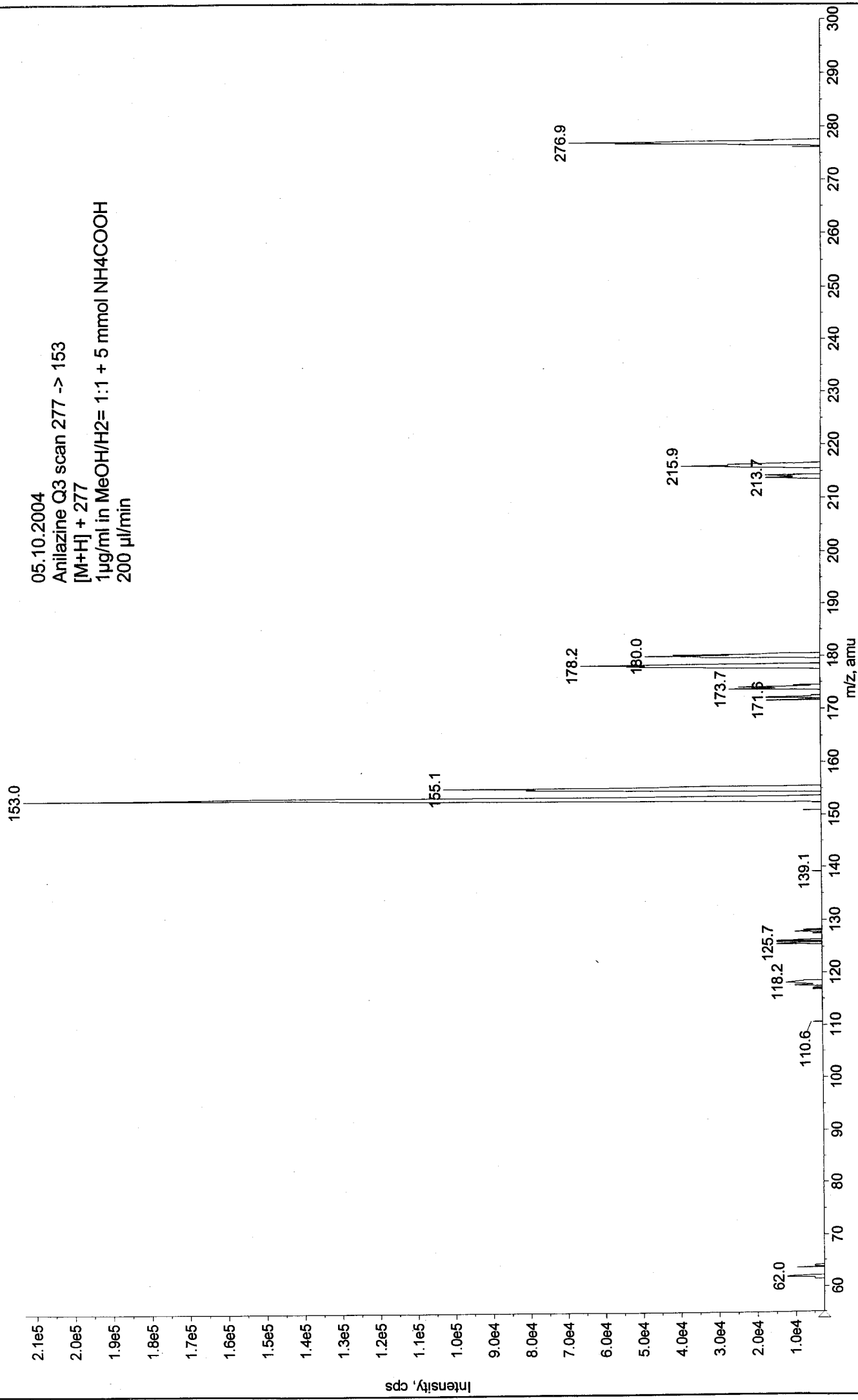
Acq. Date: Tuesday, October 05, 2004

Sample Comment:

Sample Name: TuneSampleID

Max. 2.1e5 cps

05.10.2004
Anilazine Q3 scan 277 -> 153
[M+H]⁺ + 277
1 µg/ml in MeOH/H₂O = 1:1 + 5 mmol NH₄COOH
200 µl/min



Printing Time: 12:25:47

Printing Date: Tuesday, October 05, 2004

Acq. Time: 12:24

Acq. Date: Tuesday, October 05, 2004

Ac. File: MT20041005122447.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

+MS2 (277.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20041005122447.wiff (Turbo Spray)

Max. 2.5e5 cps

