

MS/MS Parameters of Pesticides

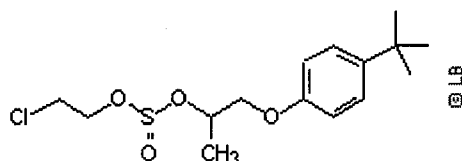
Analyte: Aramite

CAS No.: 140-57-8

Formula: C₁₅H₂₃ClO₄S

Exact molecular mass (lowest isotopes): 334,10 amu

Structure:



Ionisation: ESI +

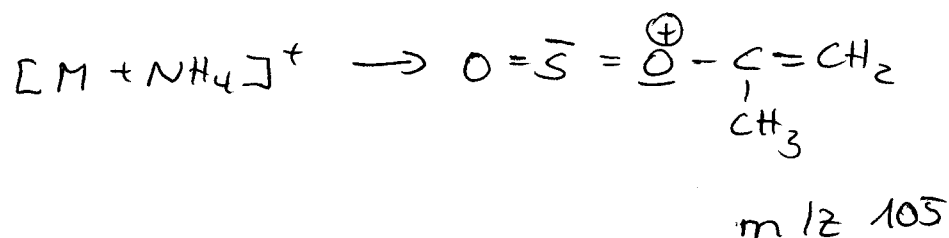
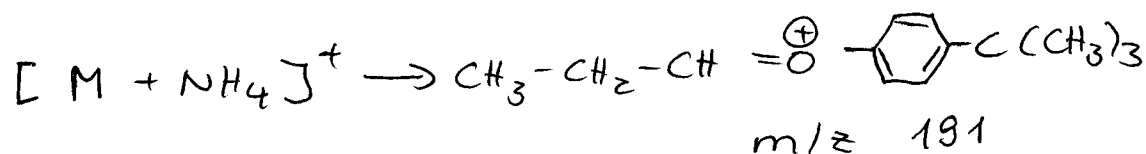
Quasimolecular ion: 352,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	352,1 → 191,2	352,1 → 105,0
Declustering potential (DP) ^{*)}	39V	39 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	11,0 V	10,5 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	19 V	57 V
Collision cell exit potential (CXP)	10 V	6 V

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

Fragmentation



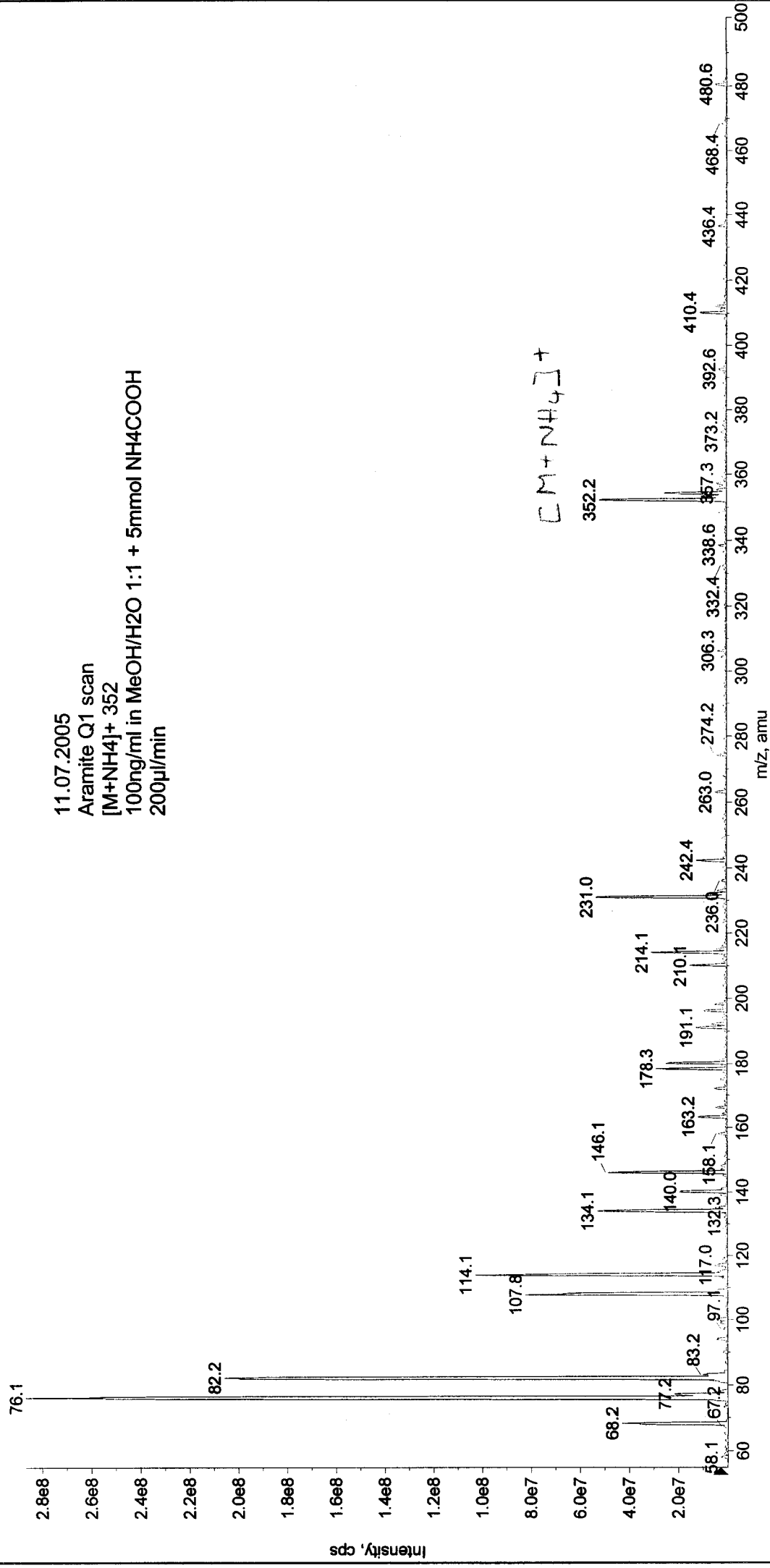
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Printing Date: Monday, July 11, 2005

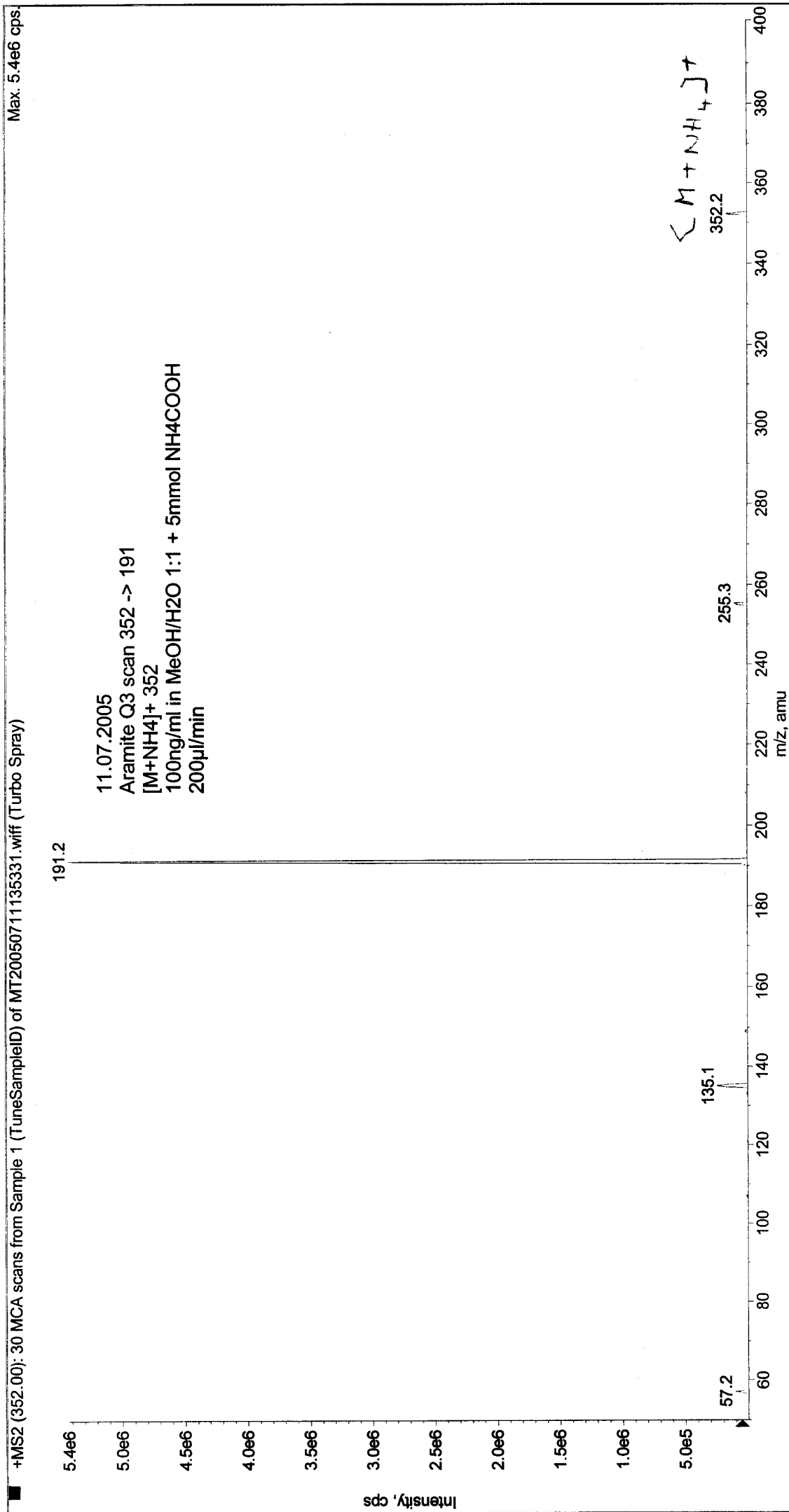
Acq. Time: 13:51
Acq. Date: Monday, July 11, 2005
Acq. File: MT20050711135119.wiff

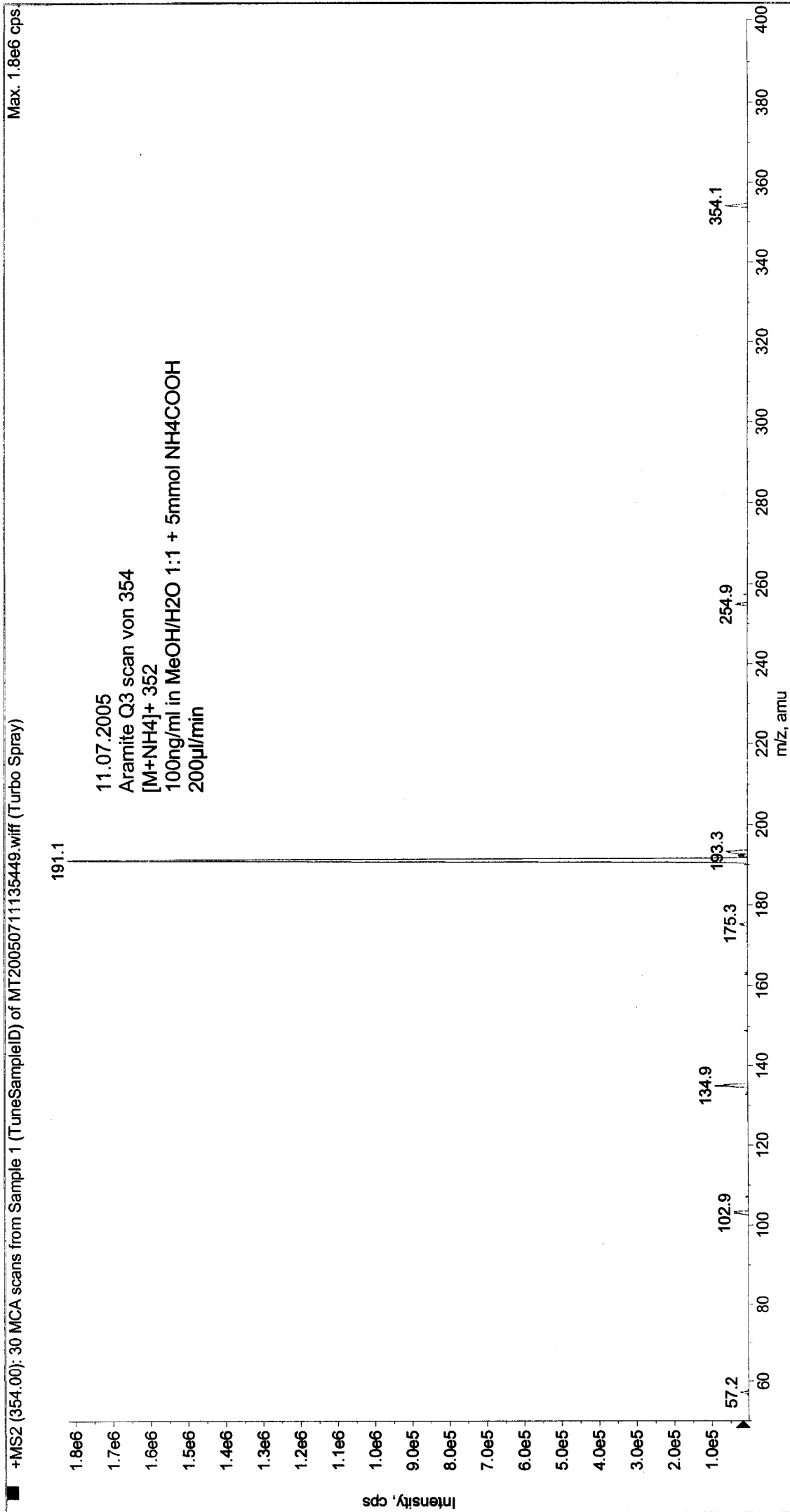
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050711135119.wiff (Turbo Spray)

Max. 2.9e8 cps







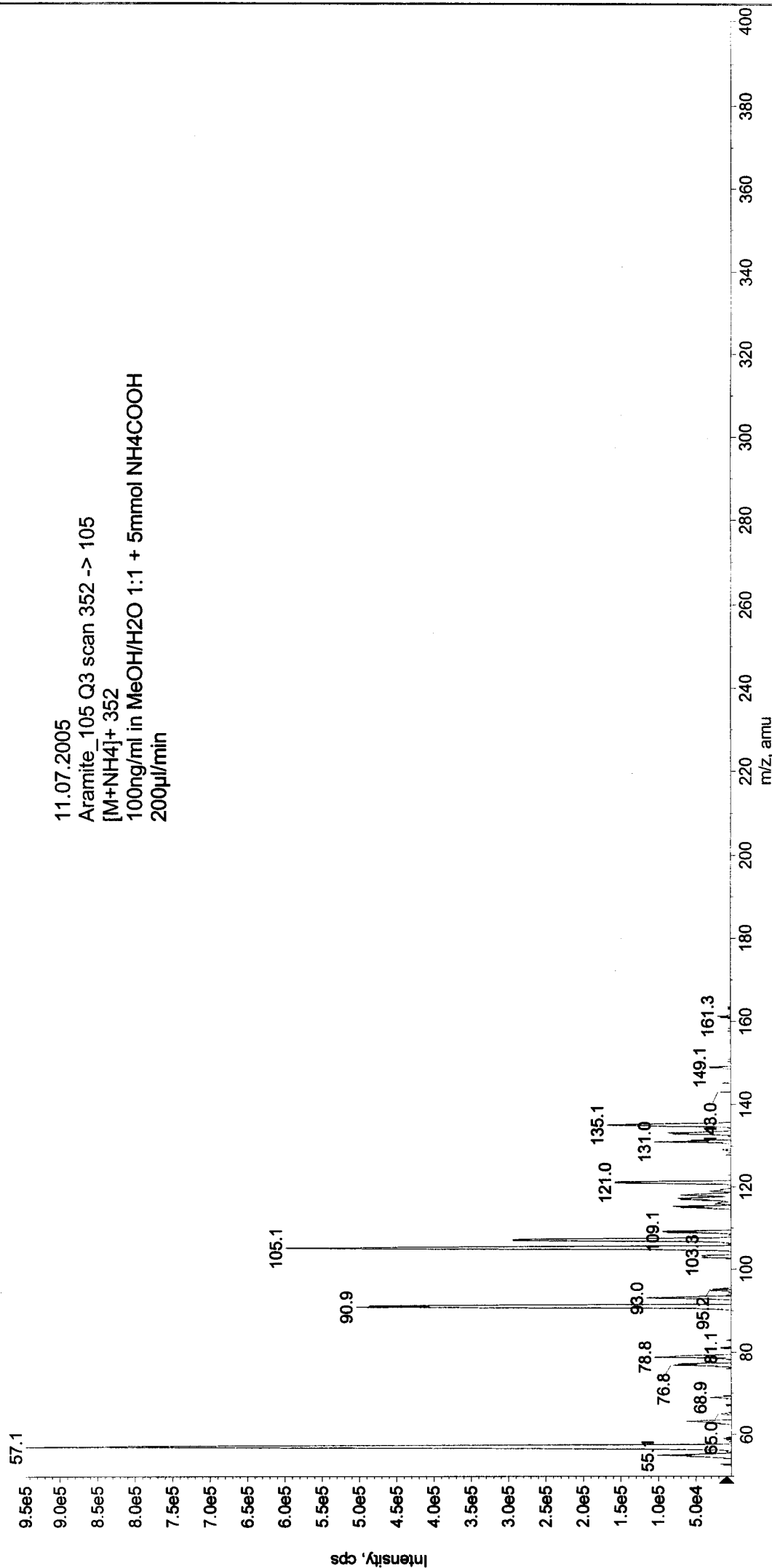
Printing Time: 13:59:28
Printing Date: Monday, July 11, 2005

Acq. Time: 13:58
Acq. Date: Monday, July 11, 2005
Acq. File: MT20050711135814.wiff

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

Max. 9.5e5 cps

+MS2 (352.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050711135814.wiff (Turbo Spray)



Printing Time: 14:00:39

Printing Date: Monday, July 11, 2005

Acq. Time: 13:59

Acq. Date: Monday, July 11, 2005

Acq. File: MT20050711135938.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat

Max. 3.0e5 cps

+MS2 (354.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20050711135938.wiff (Turbo Spray)

