

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

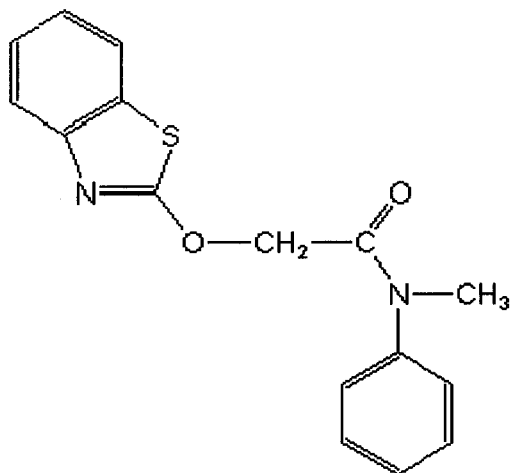
Analyte: Mefenacet

CAS No.: 73250-68-7

Formula: C₁₆H₁₄N₂O₂S

Molecular mass (lowest isotopes): 298,08 amu

Structure:



Ionisation: ESI +

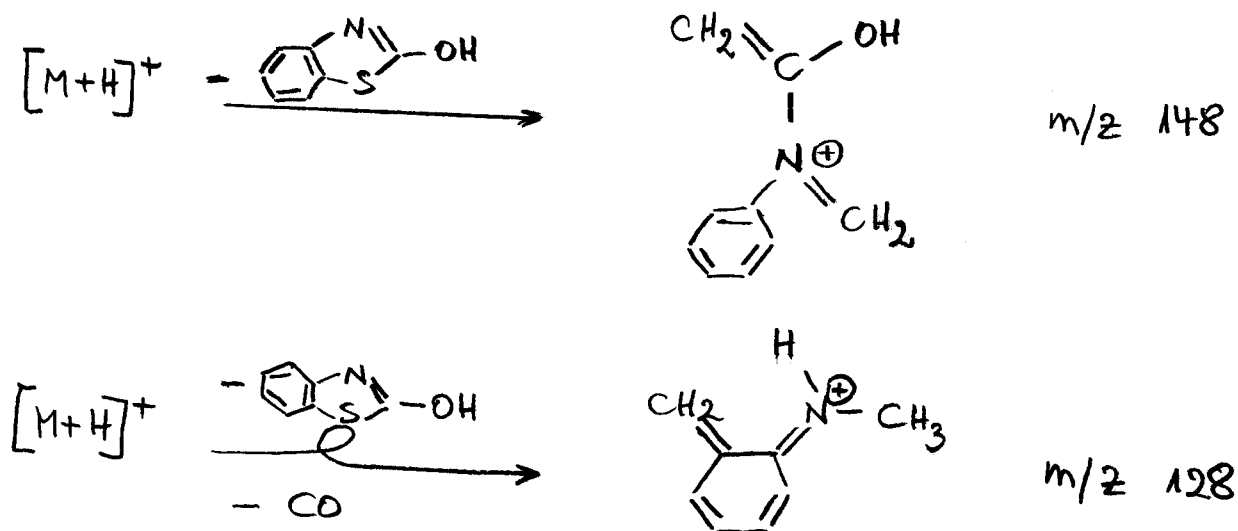
Quasimolecular ion: 299,1 amu = [M+H]⁺

Analyte sensitive parameter set (API 2000)

Transition	299,1 → 148,1	299,1 → 120,1
Declustering potential (DP) ^{*)}	14 V	14 V
Focusing potential (FP)	370 V	370 V
Entrance potential (EP)	8,0 V	9,5 V
Collision cell entrance potential (CEP)	20 V	20 V
Collision energy (CE)	19 V	33 V
Collision cell exit potential (CXP)	8 V	6 V

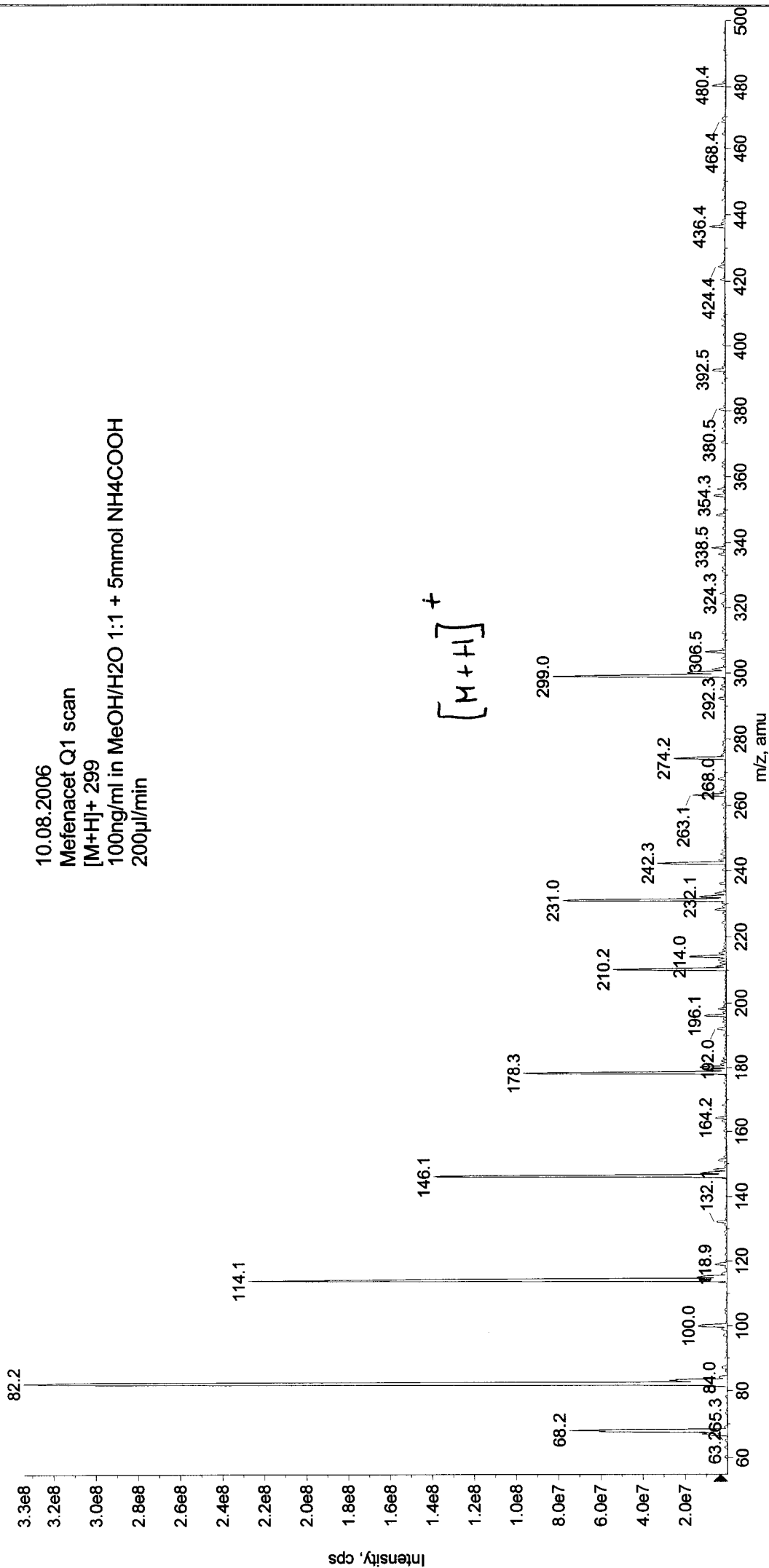
^{*)} For API 3000 and 4000 enhance DP by 20V

Fragmentation



■ +Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20060810134943.wiff (Turbo Spray)

Max. 3.3e8 cps



Printing Time: 13:52:53

Printing Date: Thursday, August 10, 2006

Acq. Time: 13:51

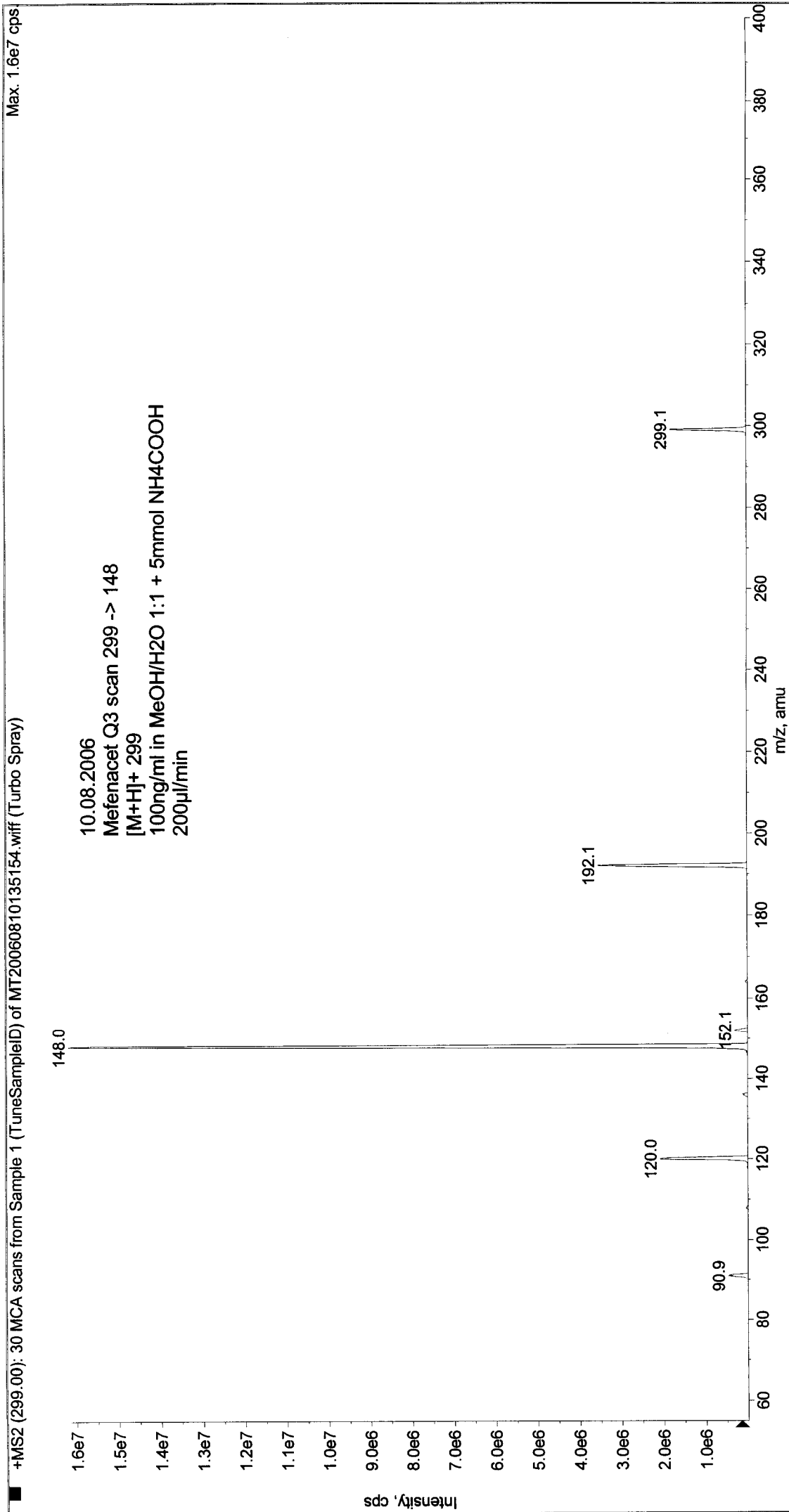
Acq. Date: Thursday, August 10, 2006

Acq. File: MT20060810135154.wiff

Sample Comment:

Sample Name: TuneSampleID

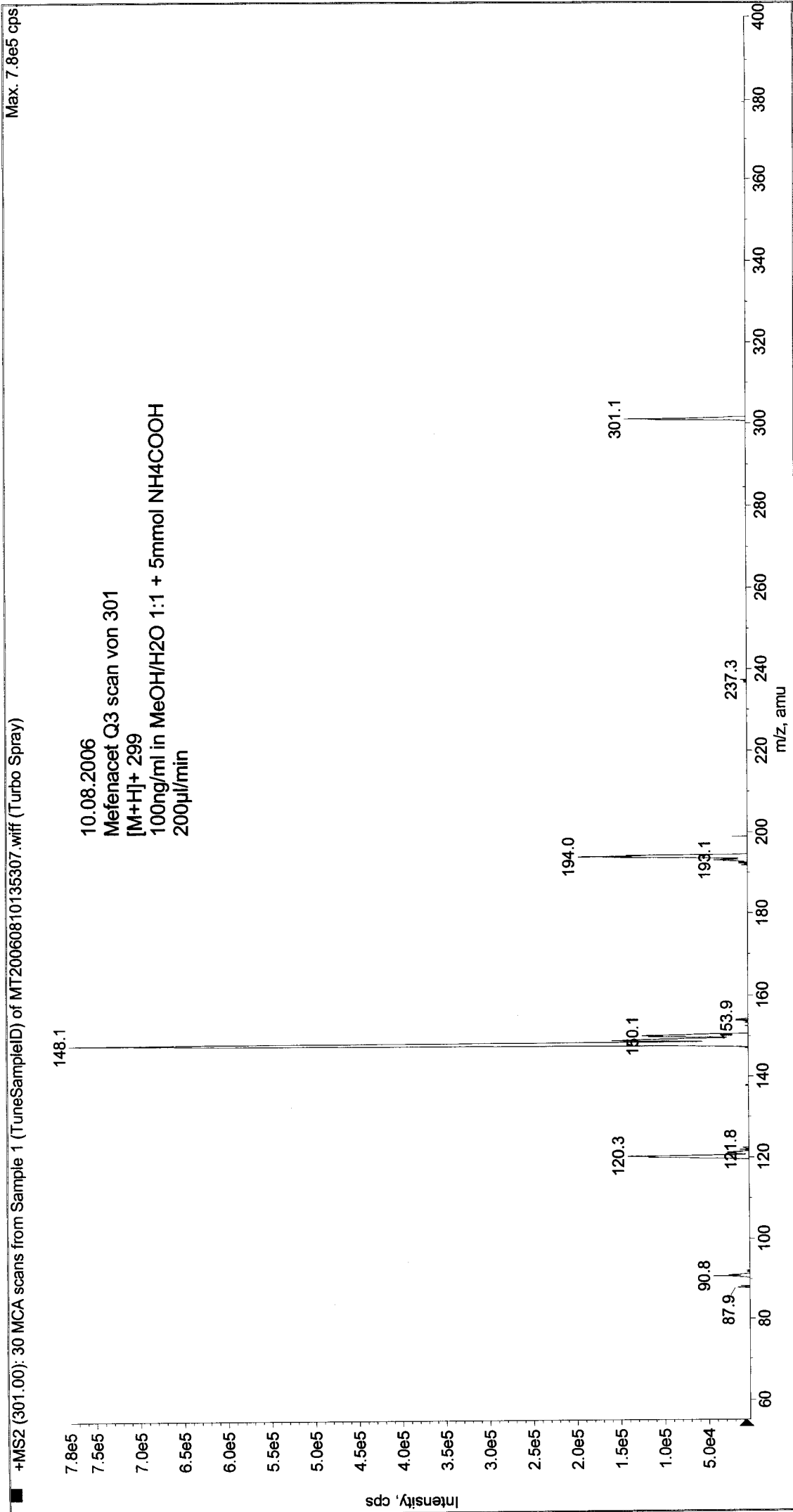
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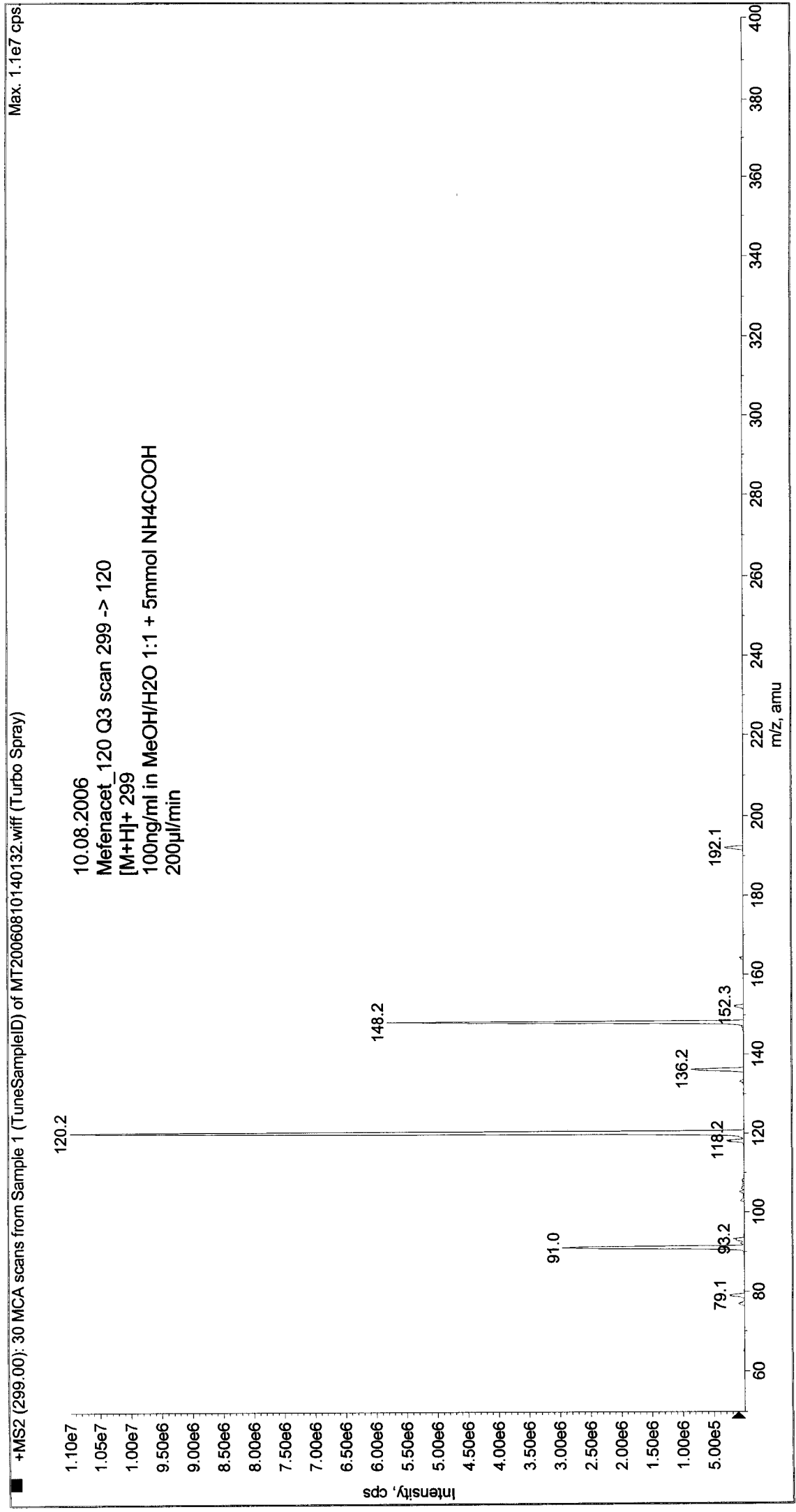


Printing Time: 13:54:05
Printing Date: Thursday, August 10, 2006

Acq. Time: 13:53
Acq. Date: Thursday, August 10, 2006
Acq. File: MT20060810135307.wiff

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





Printing Time: 14:03:50

Printing Date: Thursday, August 10, 2006

Acq. Time: 14:02

Acq. Date: Thursday, August 10, 2006

Acq. File: MT20060810140249.wiff

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

