

MS/MS Parameters of Pesticides

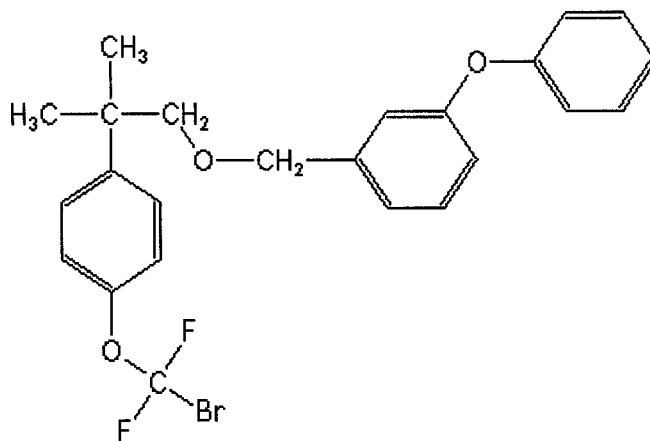
Analyte: Halfenprox

CAS No.: 111872-58-3

Formula: C₂₄H₂₃BrF₂O₃

Molecular mass (lowest isotopes): 476,08 amu

Structure:



Ionisation: ESI +

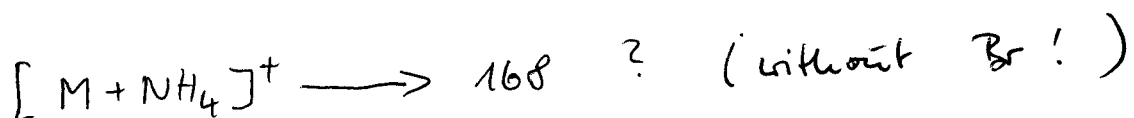
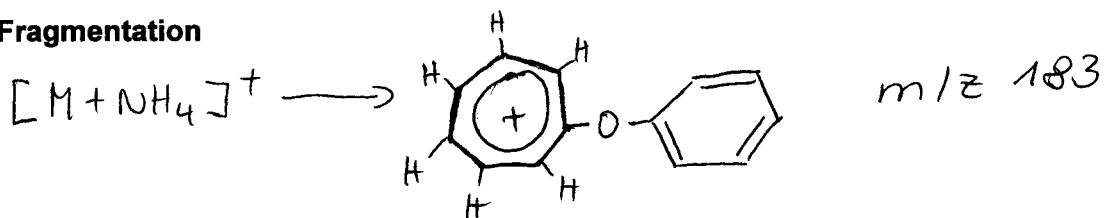
Quasimolecular ion: 494,1 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	494,1 → 183,1	494,1 → 168,0
Declustering potential (DP) ^{*)}	44V	44 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	10,5 V	10,5 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	27 V	75 V
Collision cell exit potential (CXP)	10 V	8 V

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

Fragmentation



Printing Time: 14:10:50
Printing Date: Monday, August 15, 2005

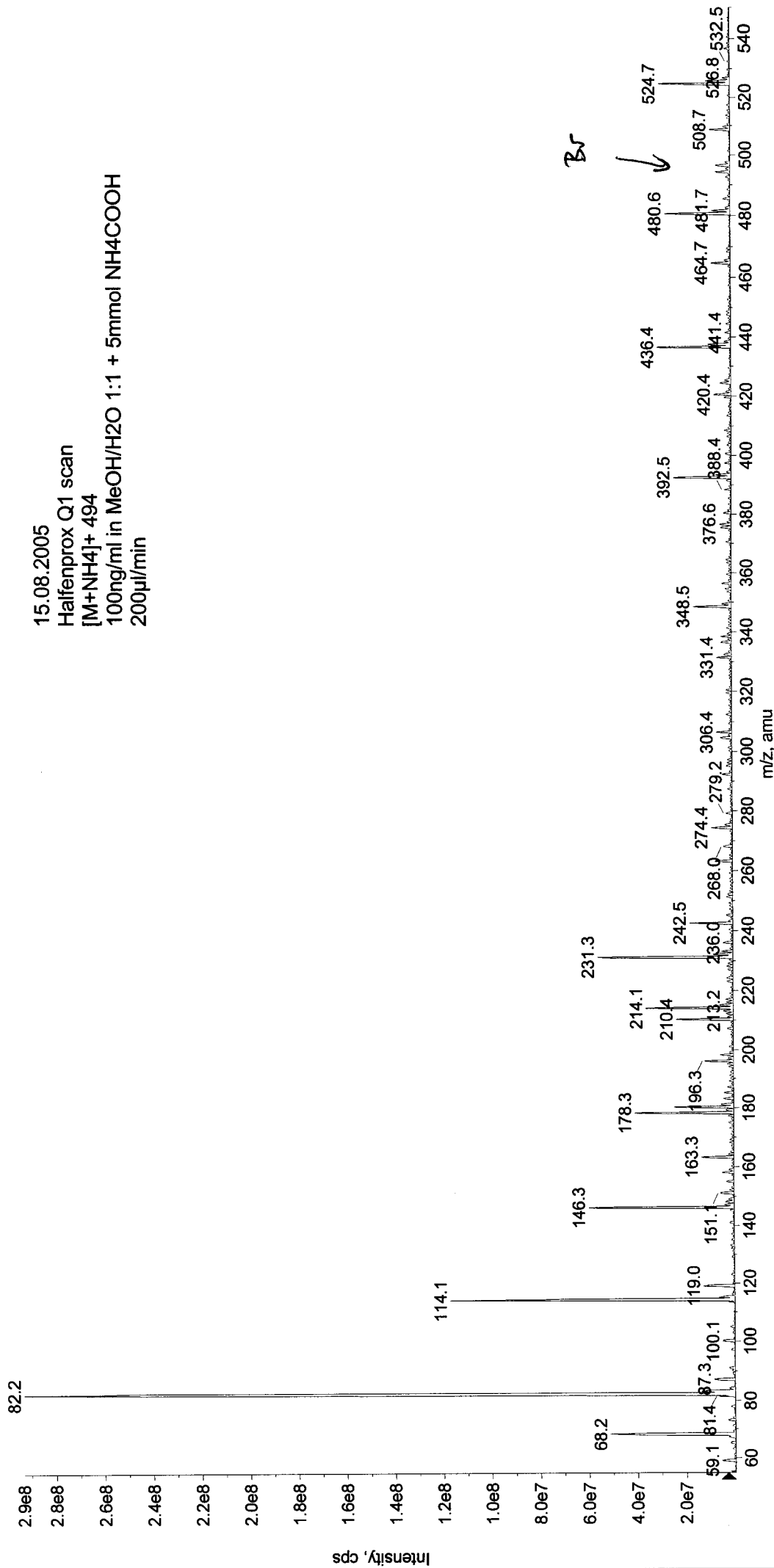
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Acq. Date: Monday, August 15, 2005
Acq. File: MT20050815140933.wiff

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

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050815140933.wiff (Turbo Spray)

Max. 2.9e8 cps

15.08.2005
Halfenprox Q1 scan
[M+NH4]⁺ 494
100ng/ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min



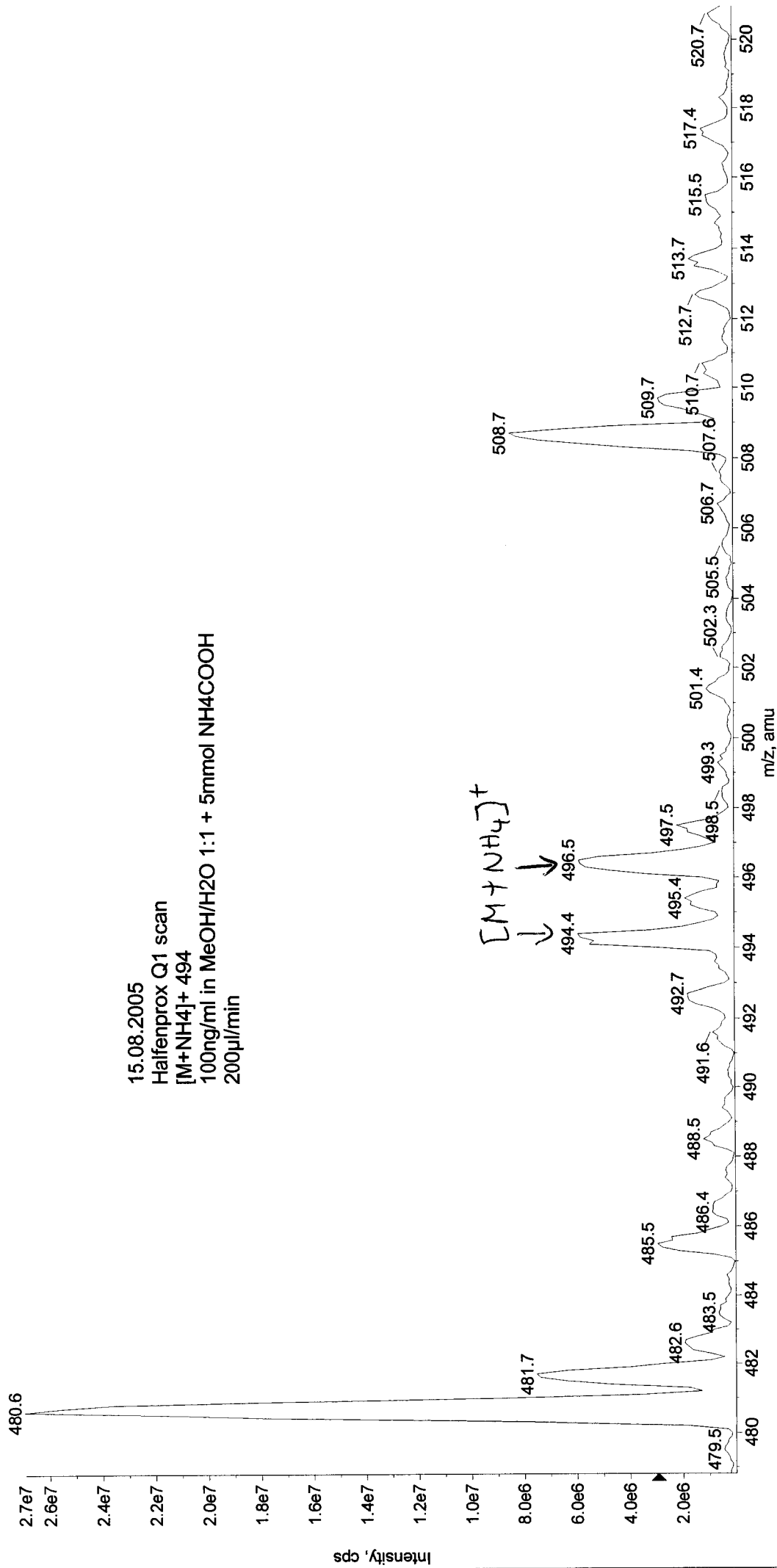
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Sample Comment:
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Batch Name: ManualTune.bat

Max. 2.9e8 cps

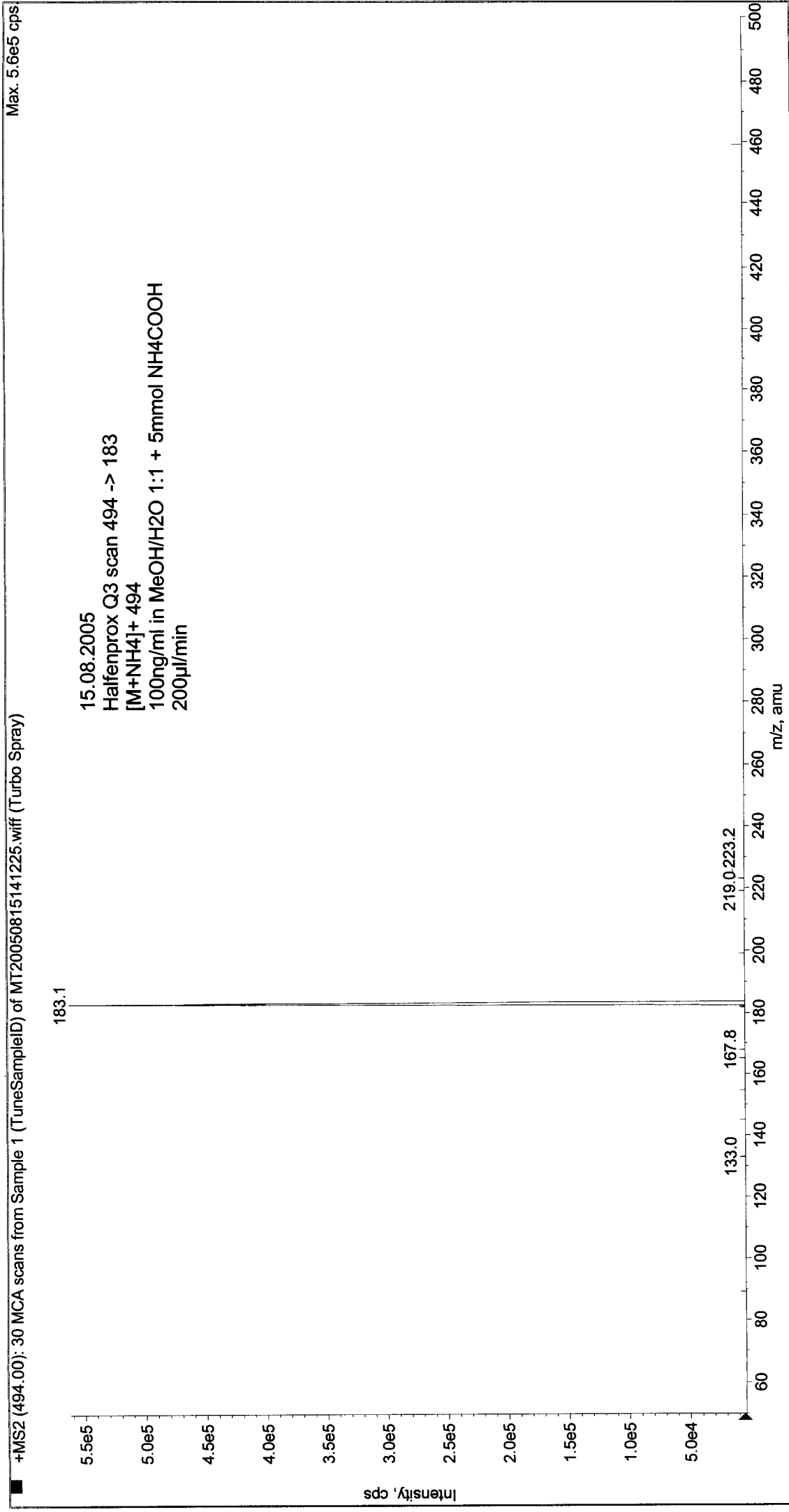
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050815140933.wiff (Turbo Spray)



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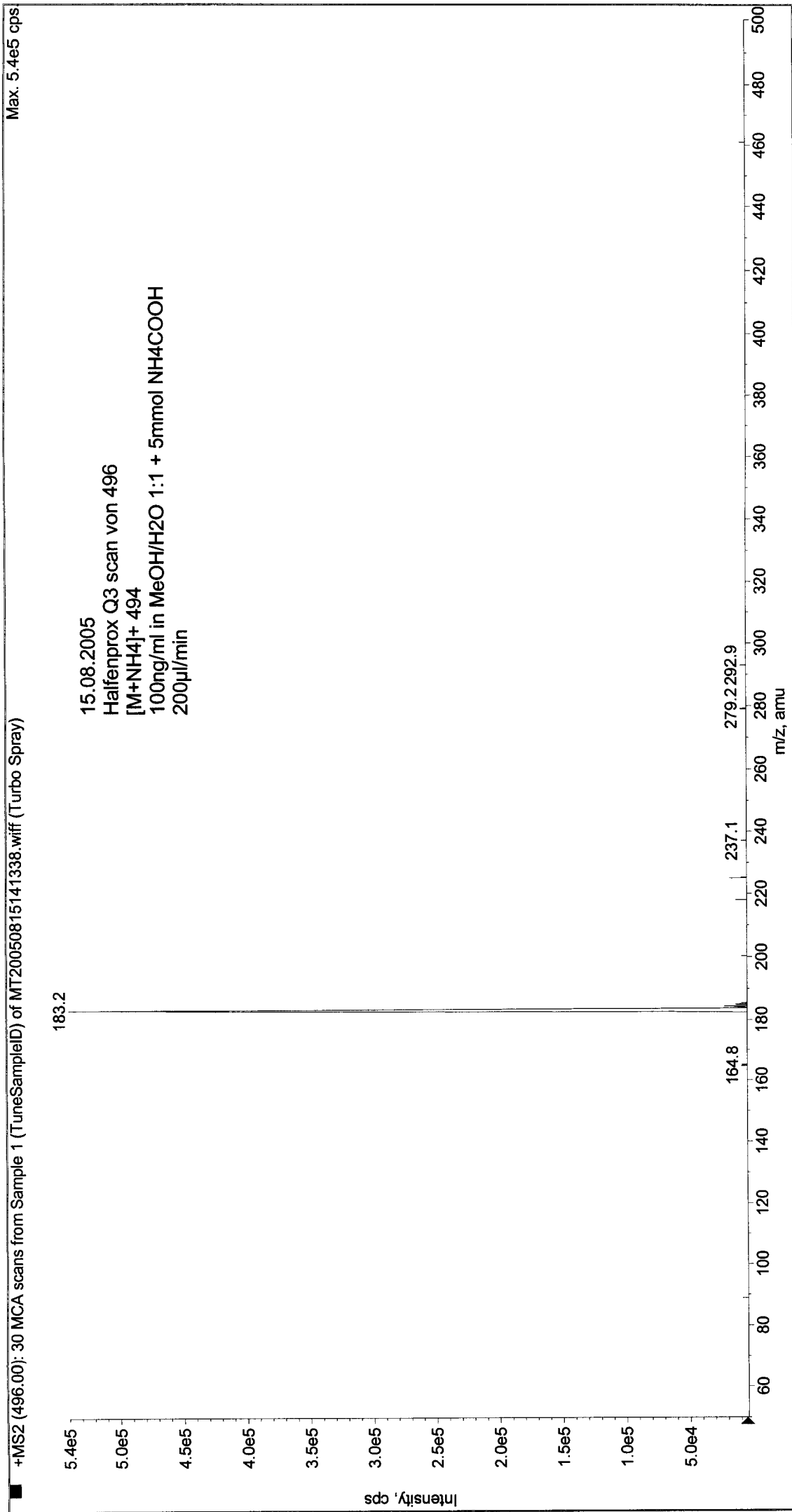
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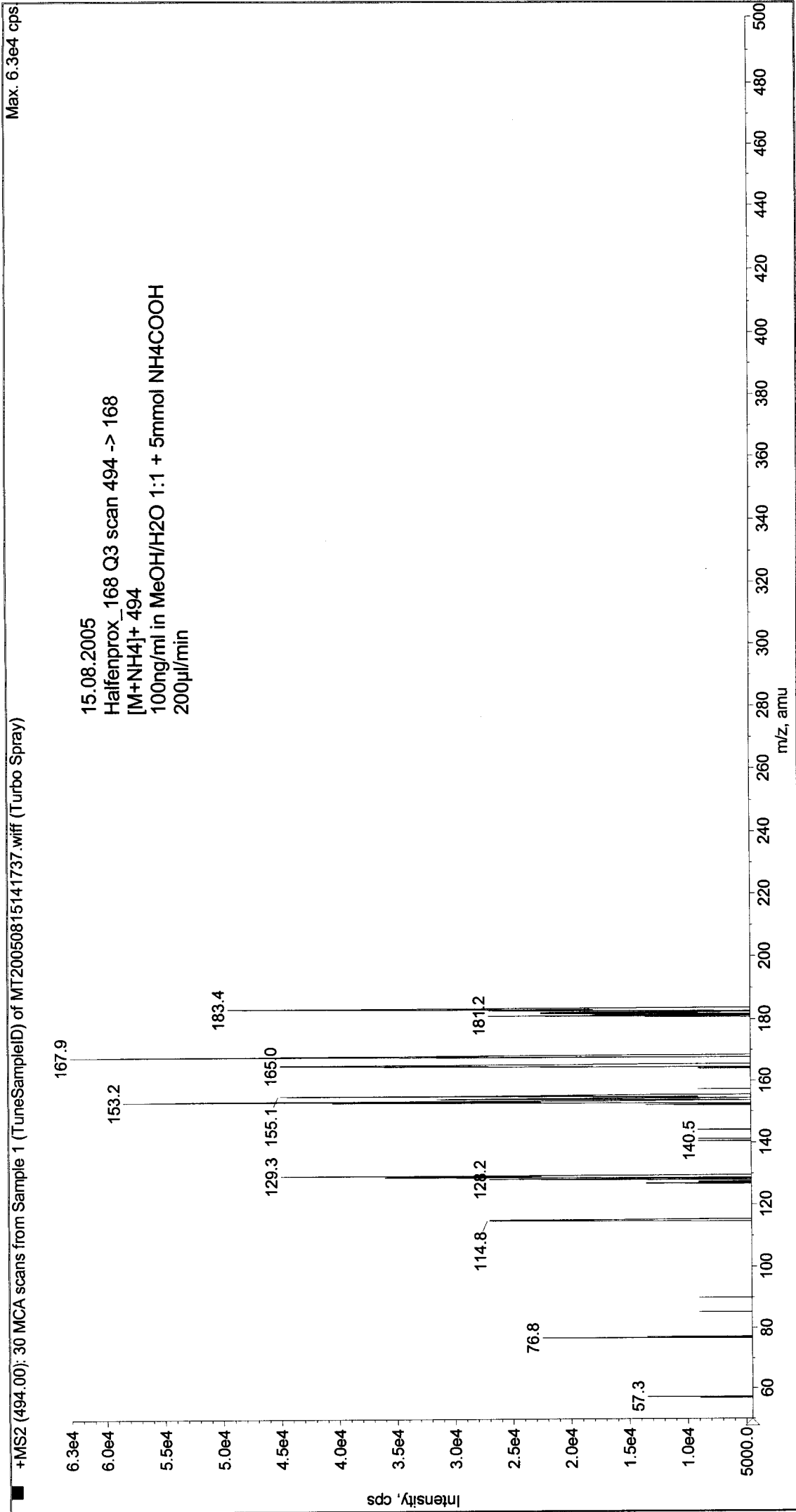
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Acq. Time: 14:20
Acq. Date: Monday, August 15, 2005
Acq. File: MT20050815142017.wiff

Sample Comment:
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Batch Name: ManualTune.bat

