

**BfR**

Risiken erkennen – Gesundheit schützen

MS/MS Parameters of Pesticides

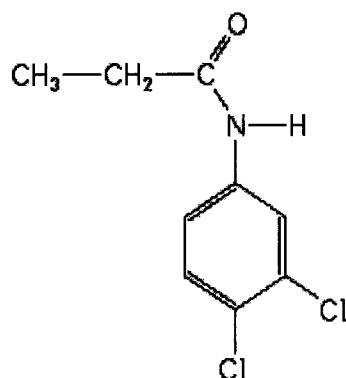
Analyte: Propanil

CAS No.: 709-98-8

Formula: C₉H₉Cl₂NO

Molecular mass (lowest isotopes): 217,01 amu

Structure:



Ionisation: ESI +

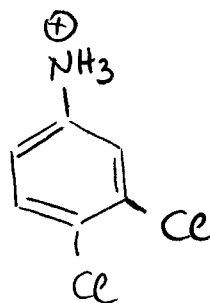
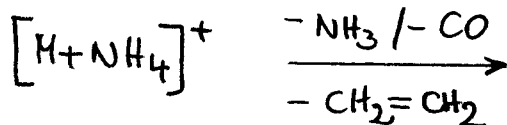
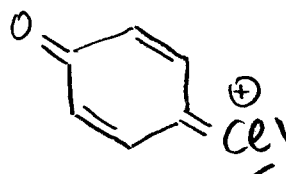
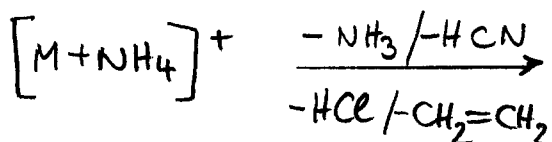
Quasimolecular ion: 235,0 amu = [M+NH₄]⁺

Analyte sensitive parameter set (API 2000)

Transition	235,0 → 162,0	235,0 → 126,9
Declustering potential (DP)*)	19 V	19 V
Focusing potential (FP)	370 V	360 V
Entrance potential (EP)	7,5 V	7,5 V
Collision cell entrance potential (CEP)	14 V	14 V
Collision energy (CE)	27 V	41 V
Collision cell exit potential (CXP)	8 V	8 V

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

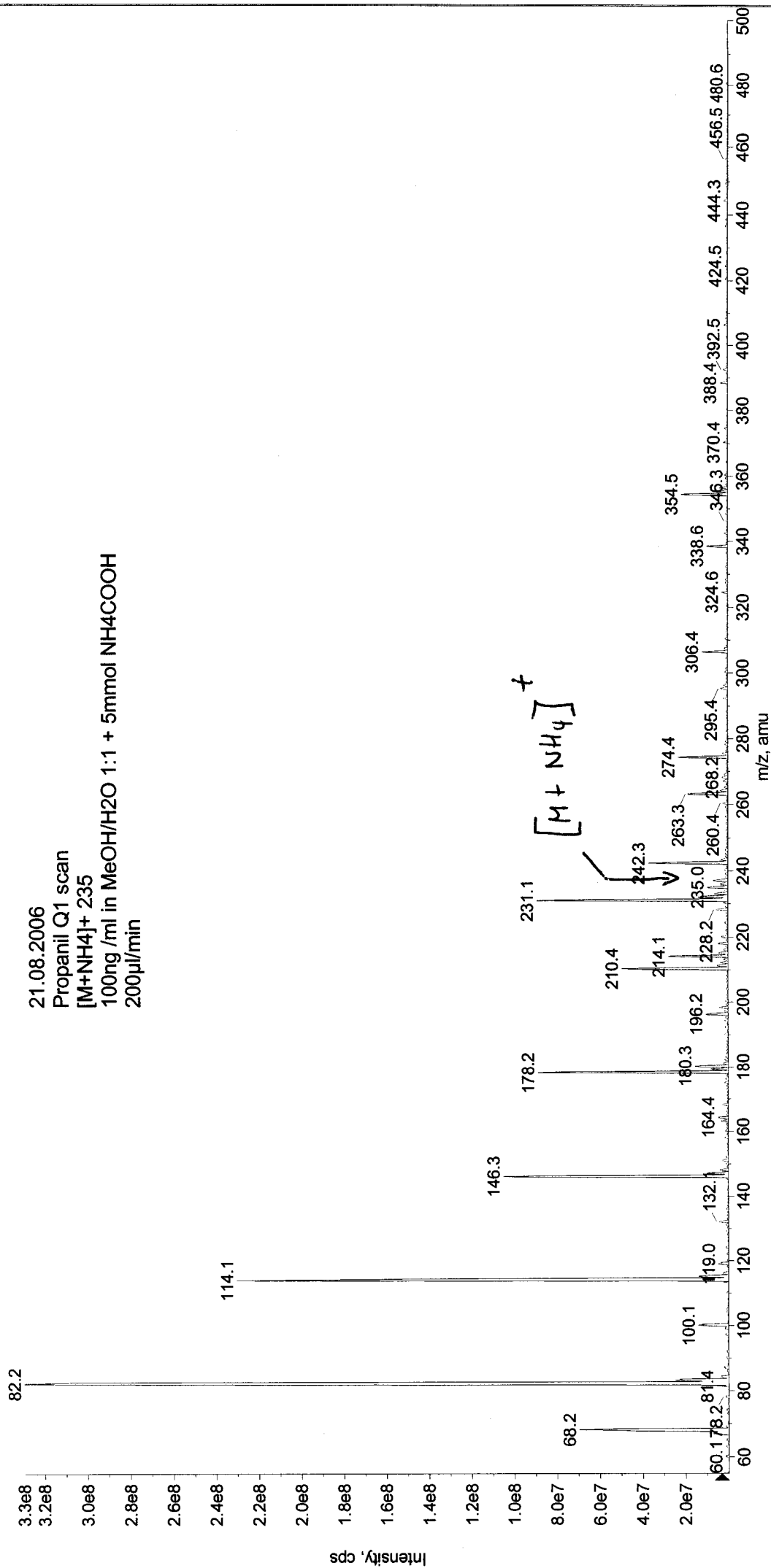
Fragmentation

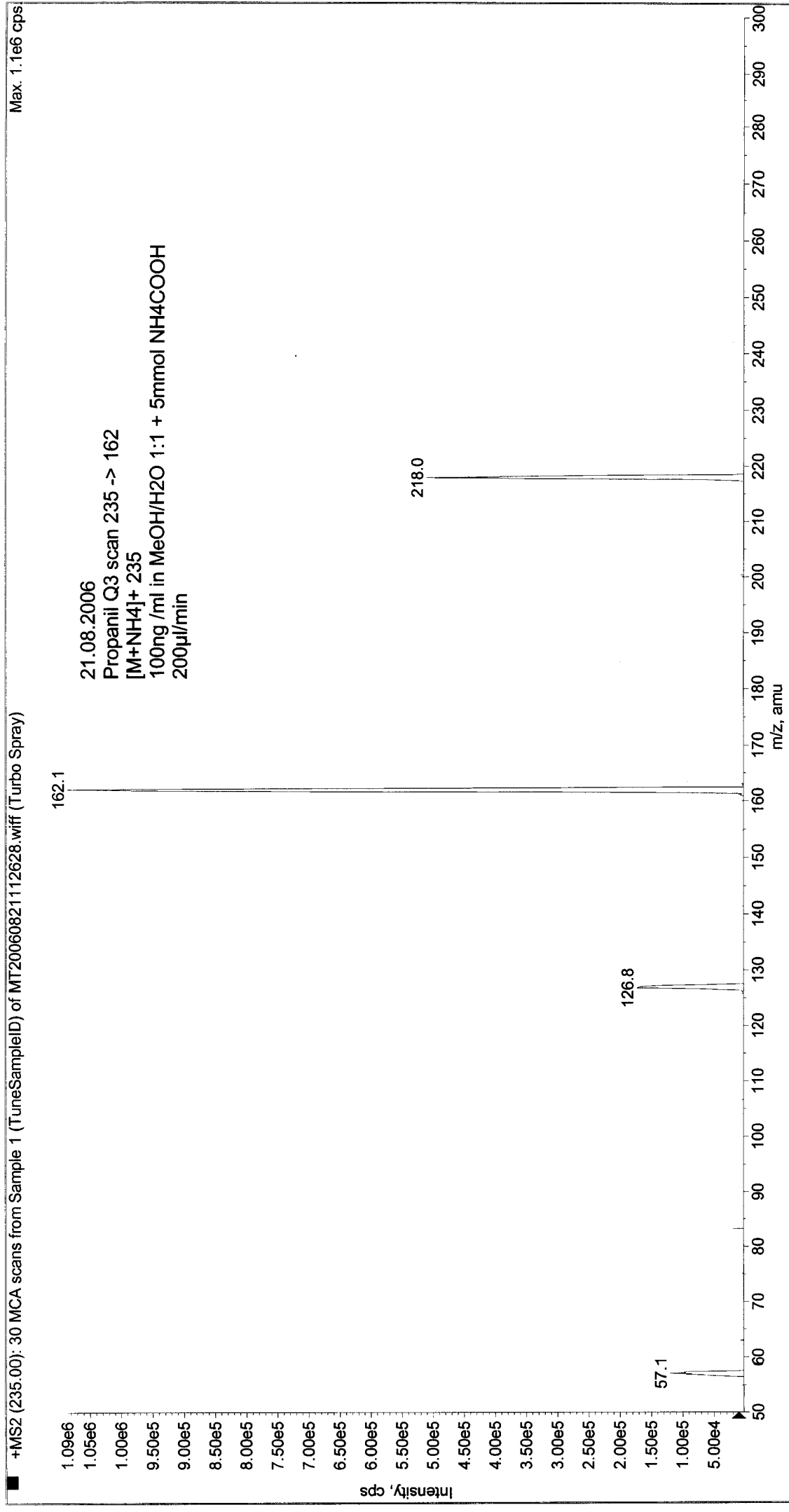
 m/z 162/164/166 m/z 127/129

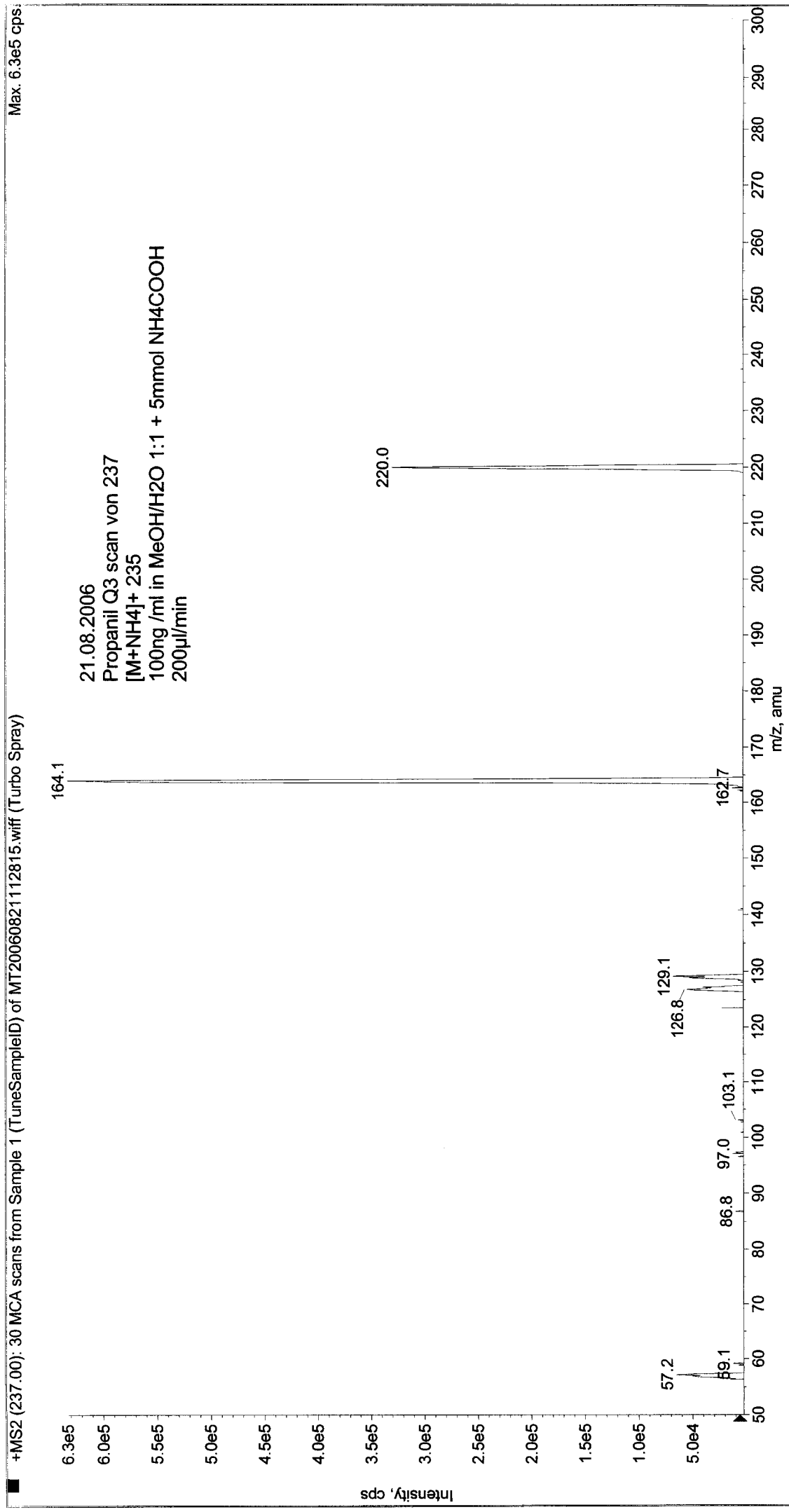
+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT2006082111936.wiff (Turbo Spray)

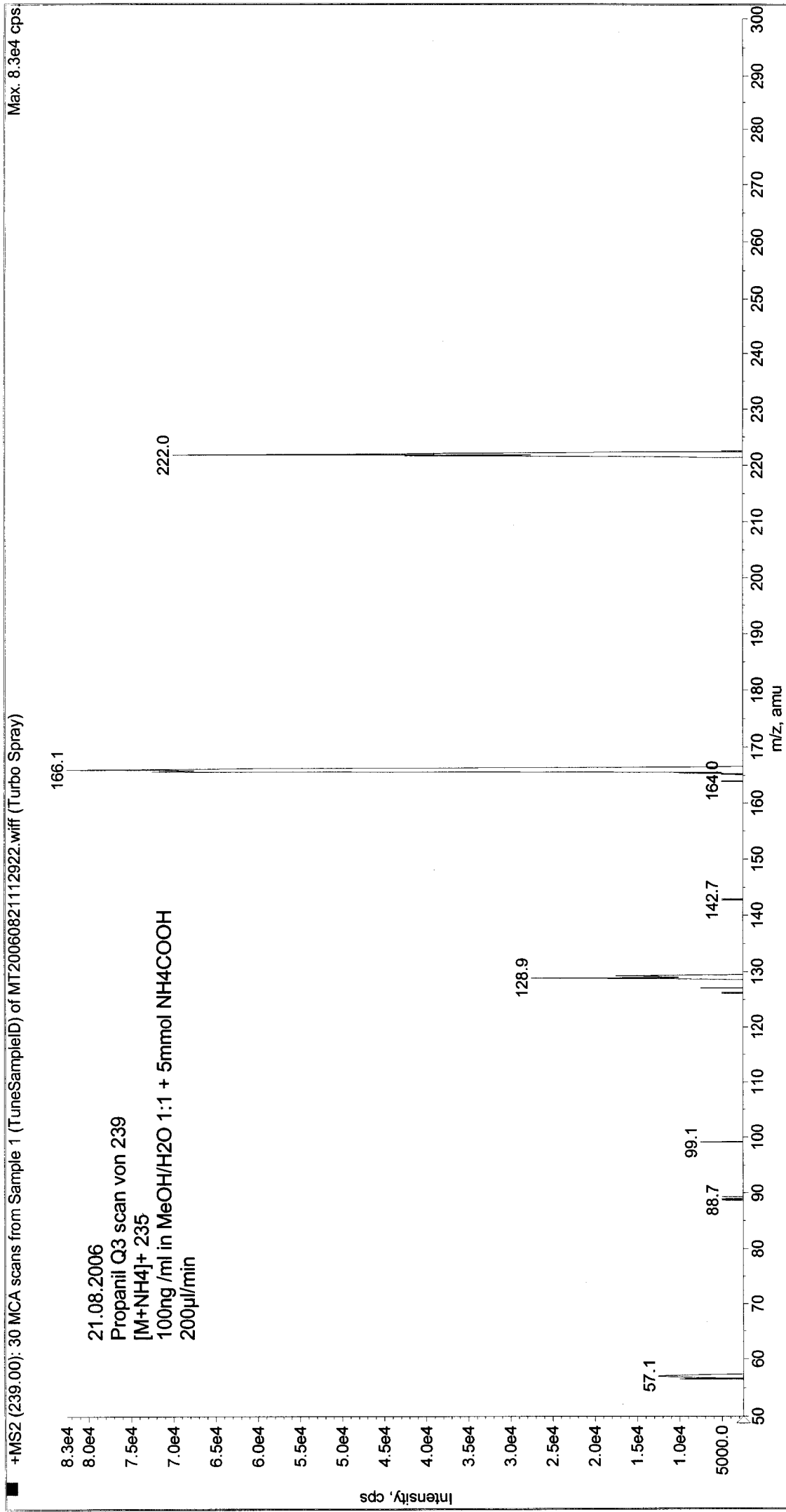
Max. 3.3e8 cps

21.08.2006
Propanil Q1 scan
[M+NH₄]⁺ 235
100ng /ml in MeOH/H₂O 1:1 + 5mmol NH₄COOH
200µl/min





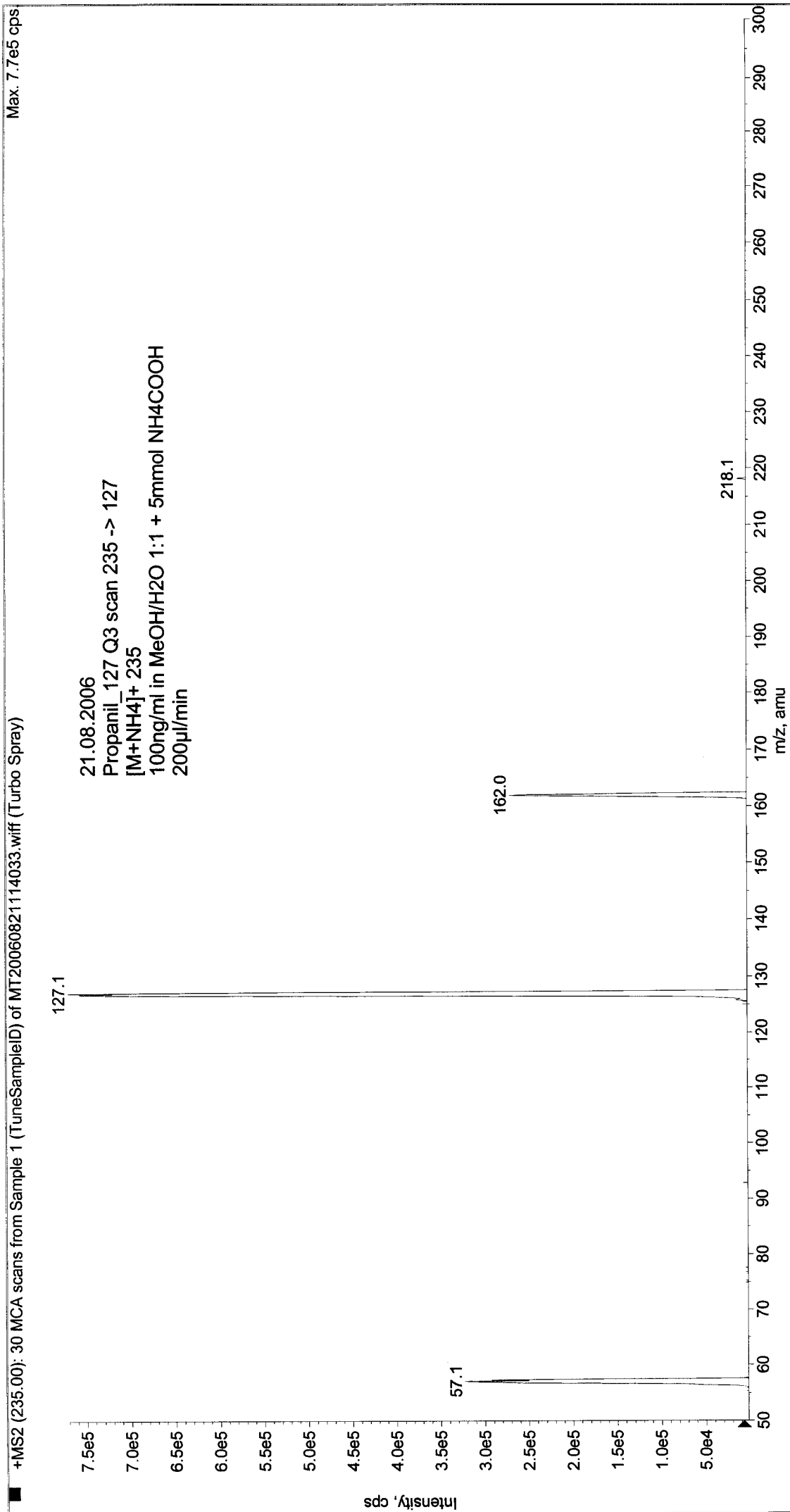




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Printing Date: Monday, August 21, 2006

Acq Time: 11:40
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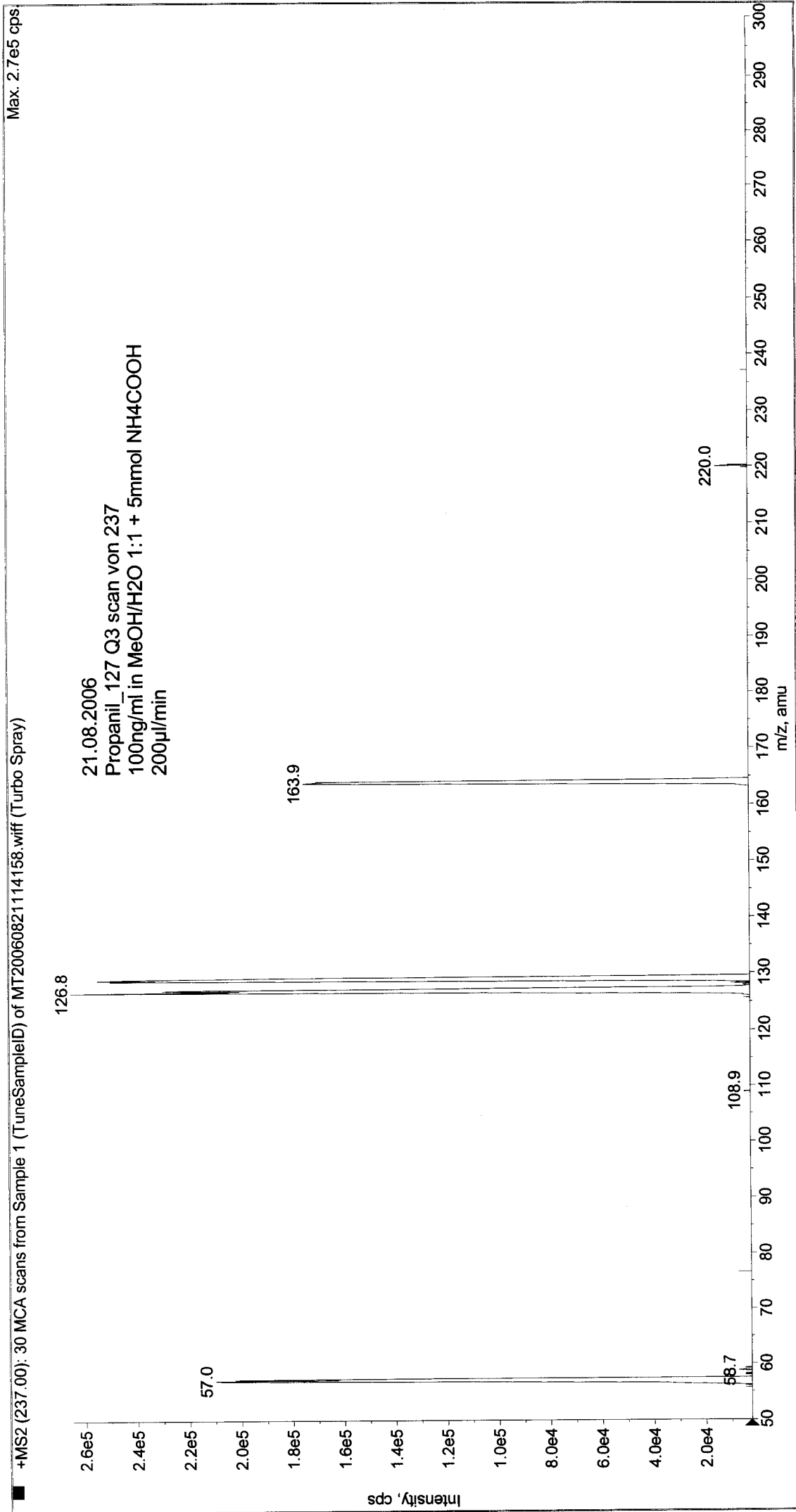
Sample Comment:
Sample Name: TuneSampleID
Batch Name: ManualTune.bat



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Sample Comment:
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Batch Name: ManualTune.bat



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Acq. Date: Monday, August 21, 2006
Acq. File: MT20060821114308.wiff

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

