

## MS/MS Parameters of Pesticides

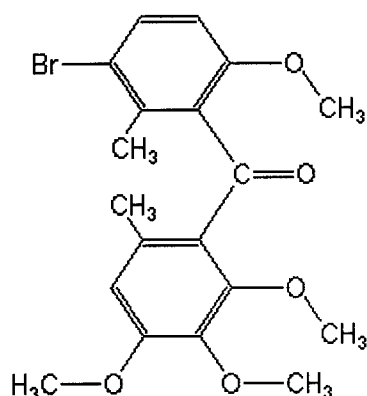
### Analyte: Metrafenone

CAS No.: 220899-03-6

Formula: C<sub>19</sub>H<sub>21</sub>BrO<sub>5</sub>

Molecular mass (lowest isotopes): 408,06 amu

Structure:



Ionisation: ESI +

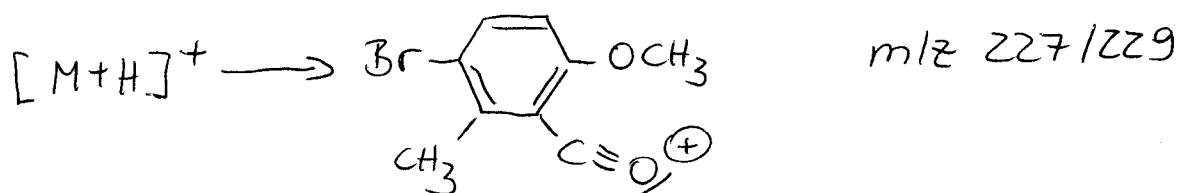
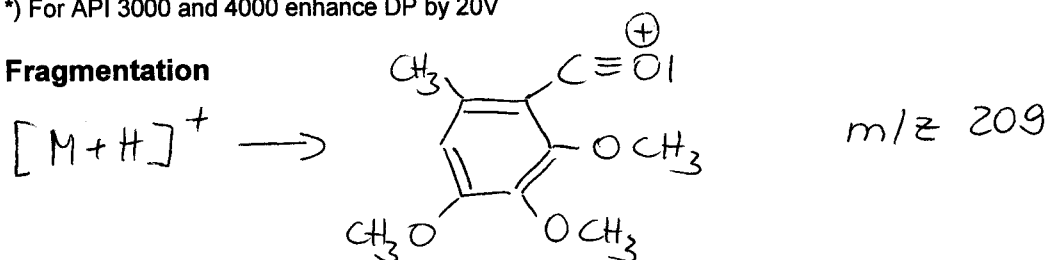
Quasimolecular ion: 409,1 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	409,1 → 209,1	409,1 → 226,9
Declustering potential (DP) <sup>*)</sup>	39V	39 V
Focusing potential (FP)	340 V	370 V
Entrance potential (EP)	8,5 V	7,0 V
Collision cell entrance potential (CEP)	22 V	22 V
Collision energy (CE)	21 V	25 V
Collision cell exit potential (CXP)	10 V	12 V

<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

#### Fragmentation



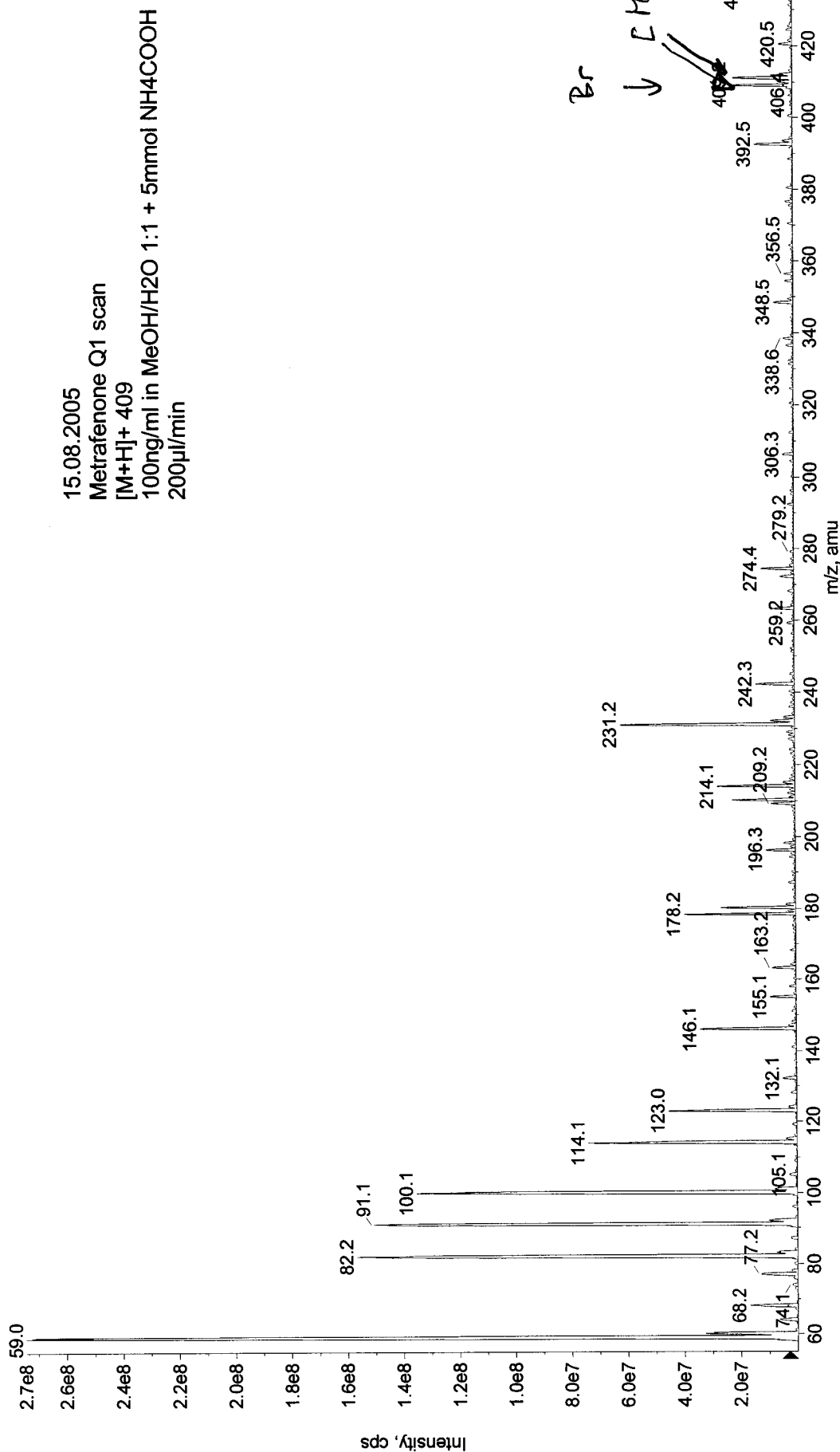
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Printing Date: Monday, August 15, 2005

Acq. Time: 13:43  
Acq. Date: Monday, August 15, 2005  
Acq. File: MT20050815134353.wiff

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

+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20050815134353.wiff (Turbo Spray)

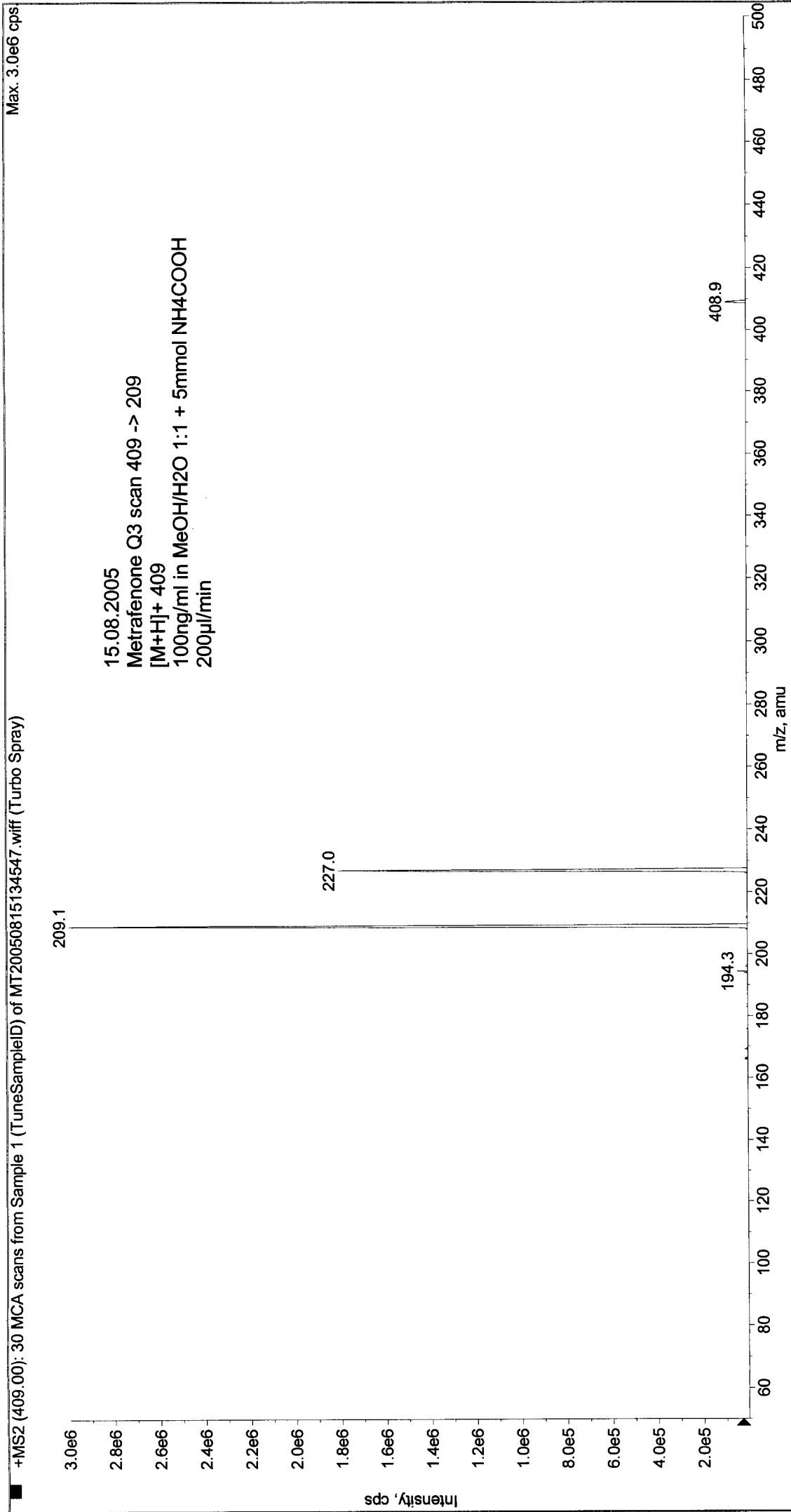
Max. 2.7e8 cps

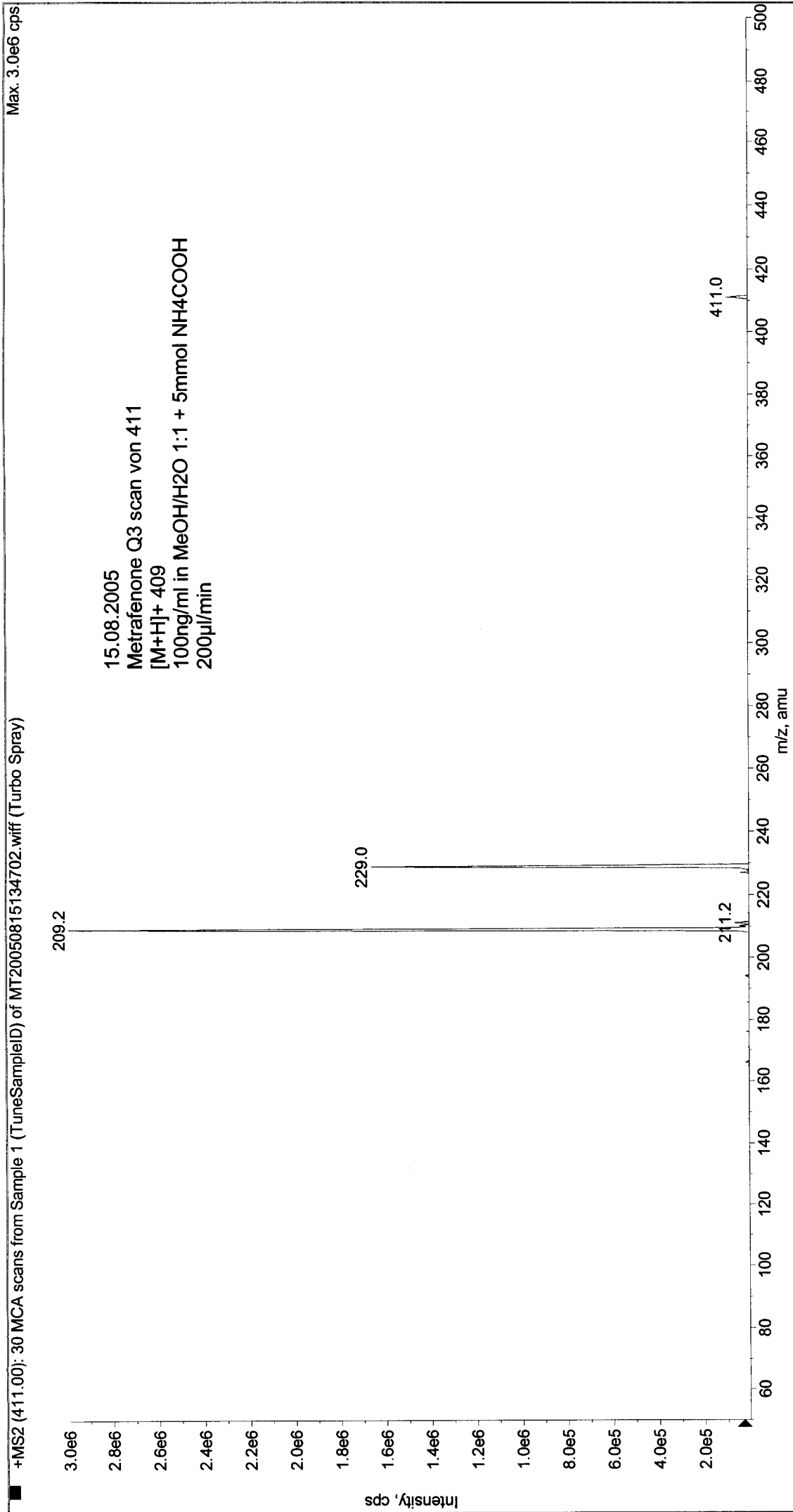


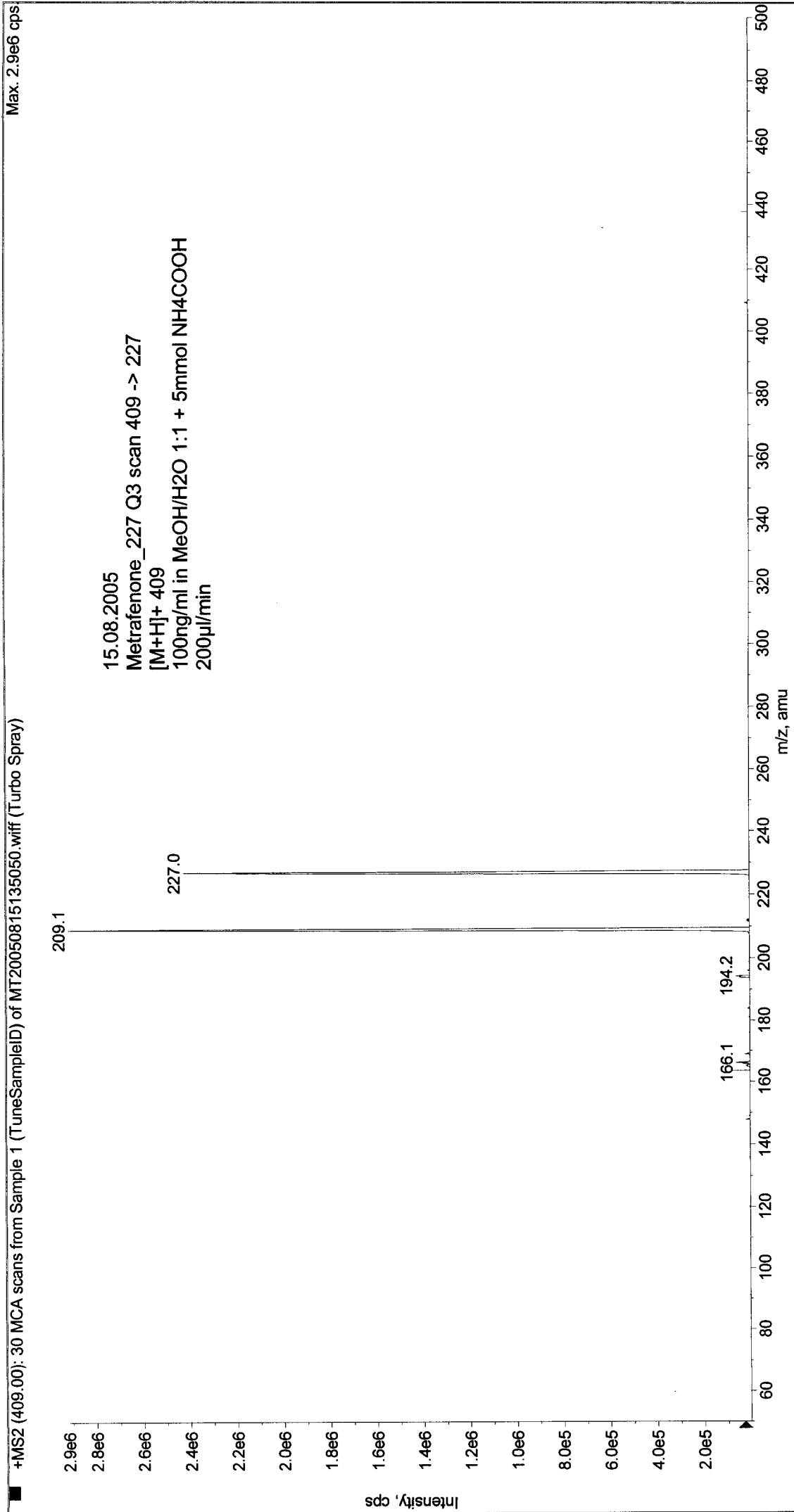
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Sample Comment:  
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Batch Name: ManualTune.bat







Printing Time: 13:53:04  
Printing Date: Monday, August 15, 2005

Acq. Time: 13:52  
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Acq. File: MT20050815135207.wiff

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

