

**BfR**

Risiken erkennen – Gesundheit schützen

## MS/MS Parameters of Pesticides

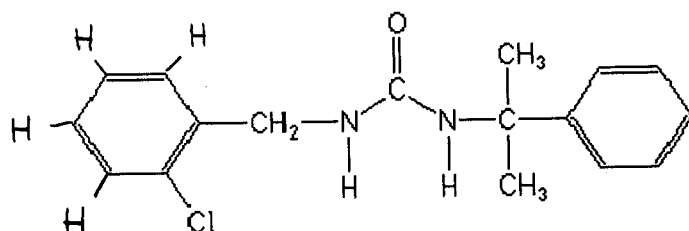
### Analyte: Cumyluron

CAS No.: 99485-76-4

Formula: C<sub>17</sub>H<sub>19</sub>ClN<sub>2</sub>O

Molecular mass (lowest isotopes): 302,12 amu

Structure:



Ionisation: ESI +

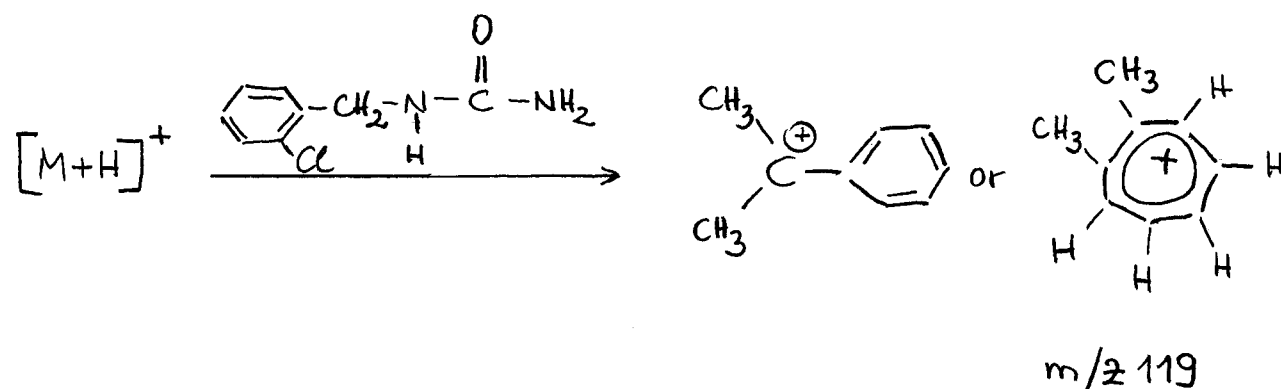
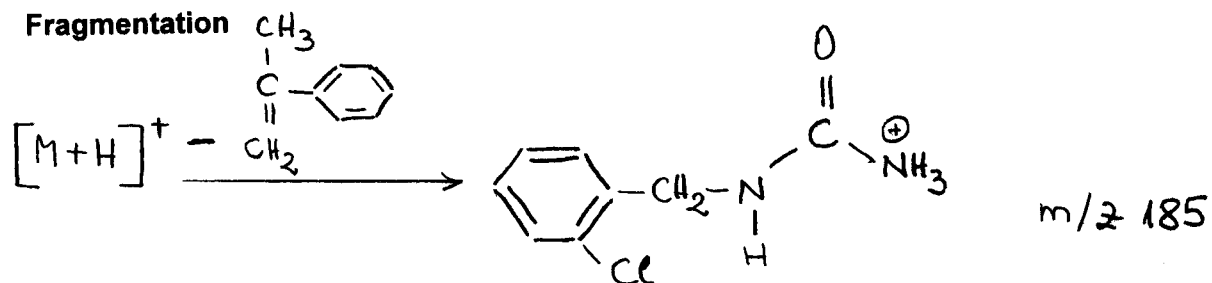
Quasimolecular ion: 303,1 amu = [M+H]<sup>+</sup>

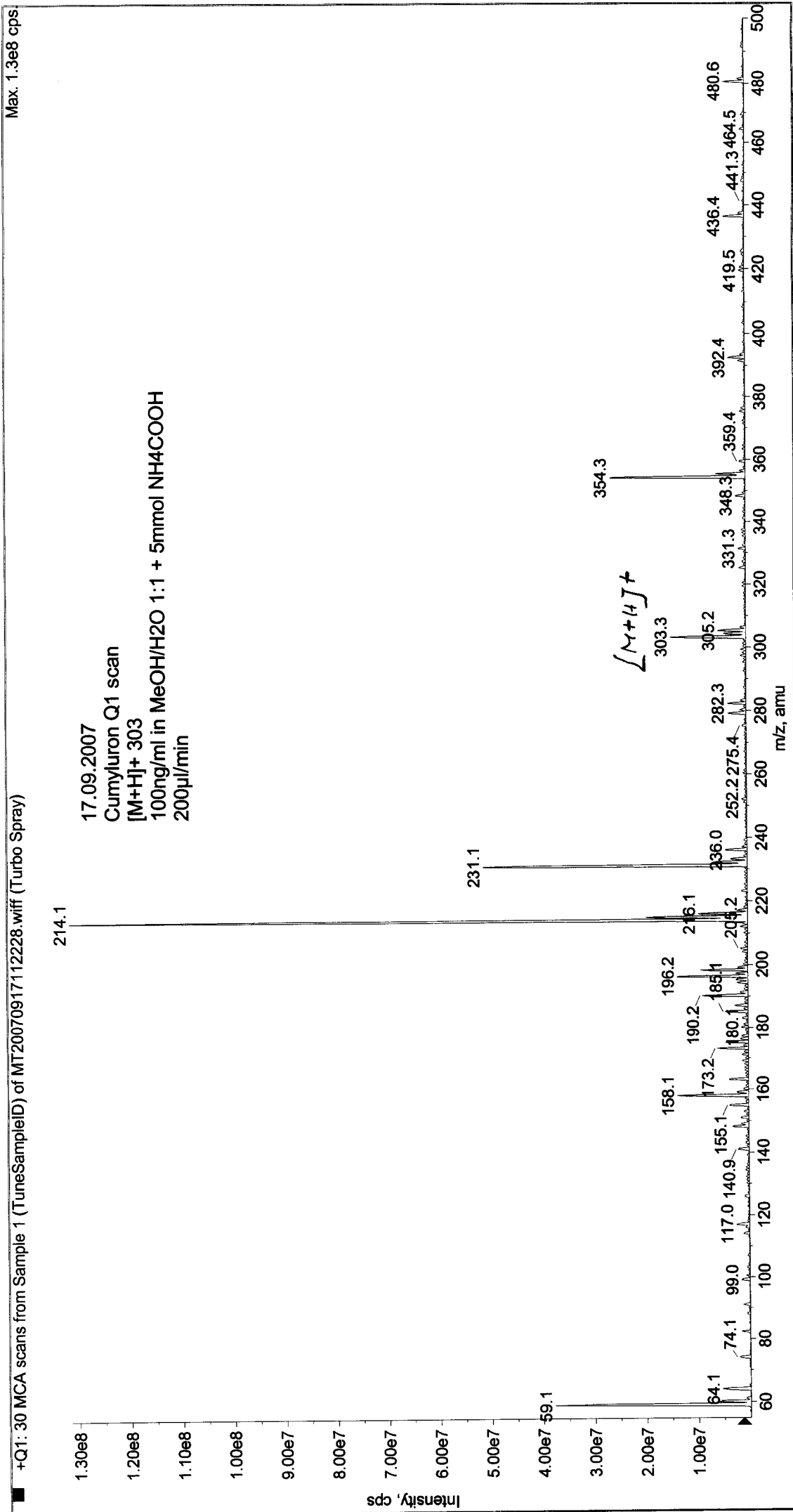
Analyte sensitive parameter set (API 2000)

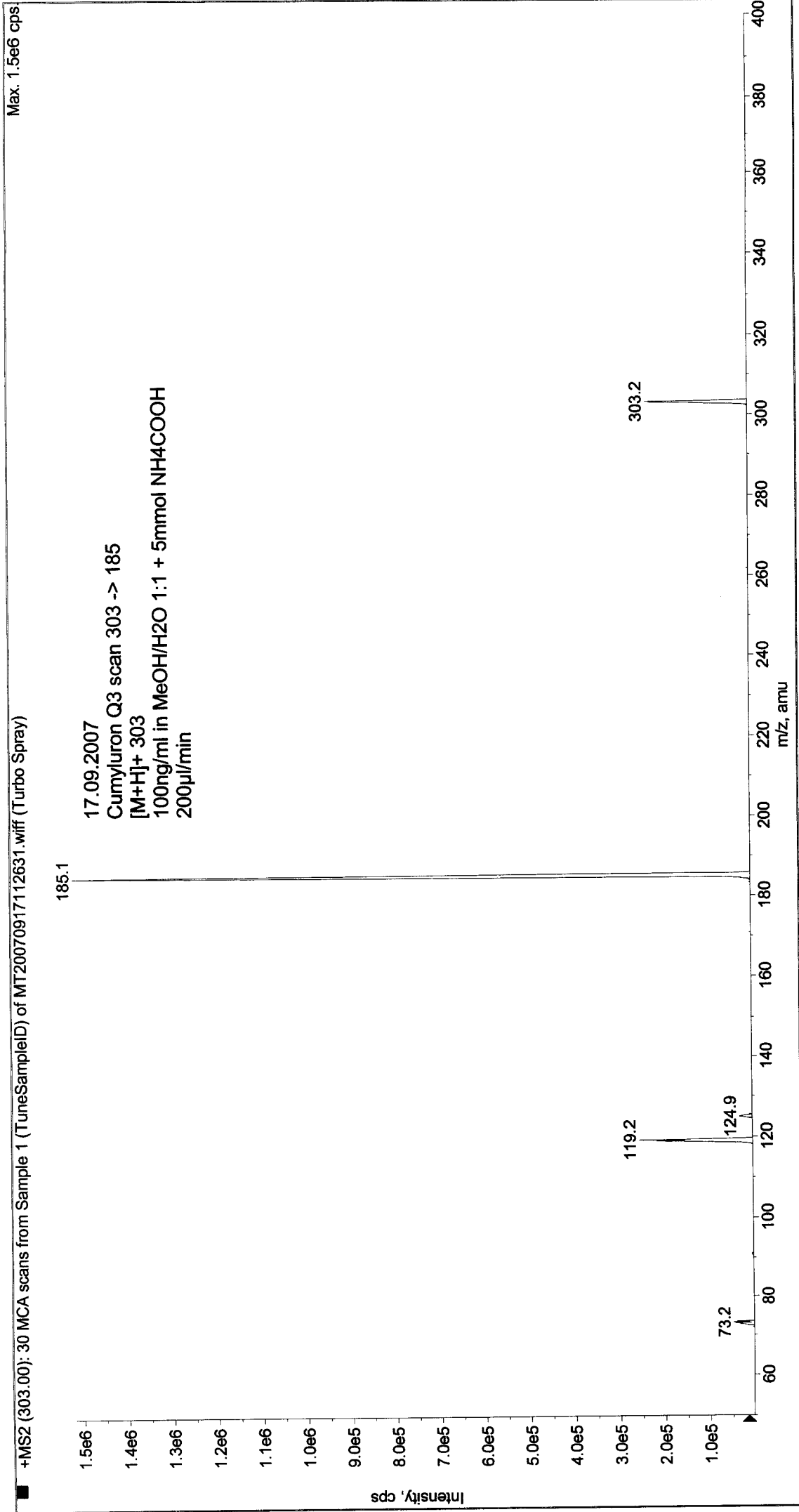
Transition	303,1 → 185,1	303,1 → 119,2
Declustering potential (DP) <sup>*)</sup>	8,5 V	8,5 V
Focusing potential (FP)	330 V	330 V
Entrance potential (EP)	9,5 V	9 V
Collision cell entrance potential (CEP)	20 V	24 V
Collision energy (CE)	17 V	27 V
Collision cell exit potential (CXP)	10 V	6 V

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

#### Fragmentation







Printing Time: 11:40:57

Printing Date: Monday, September 17, 2007

Acq. Time: 11:39

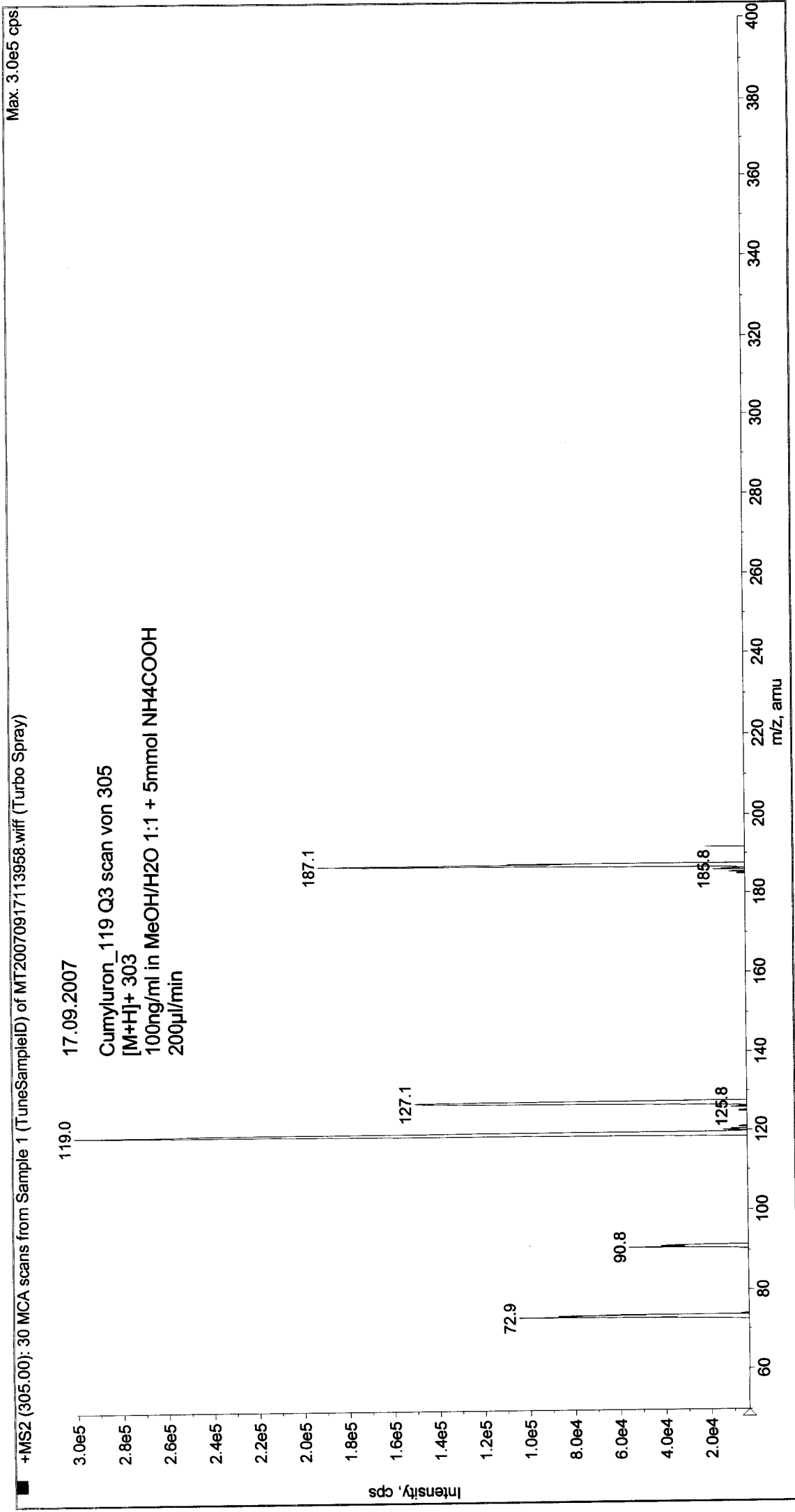
Acq. Date: Monday, September 17, 2007

Acq. File: MT20070917113958.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 11:31:36

Printing Date: Monday, September 17, 2007

Acq. Time: 11:30

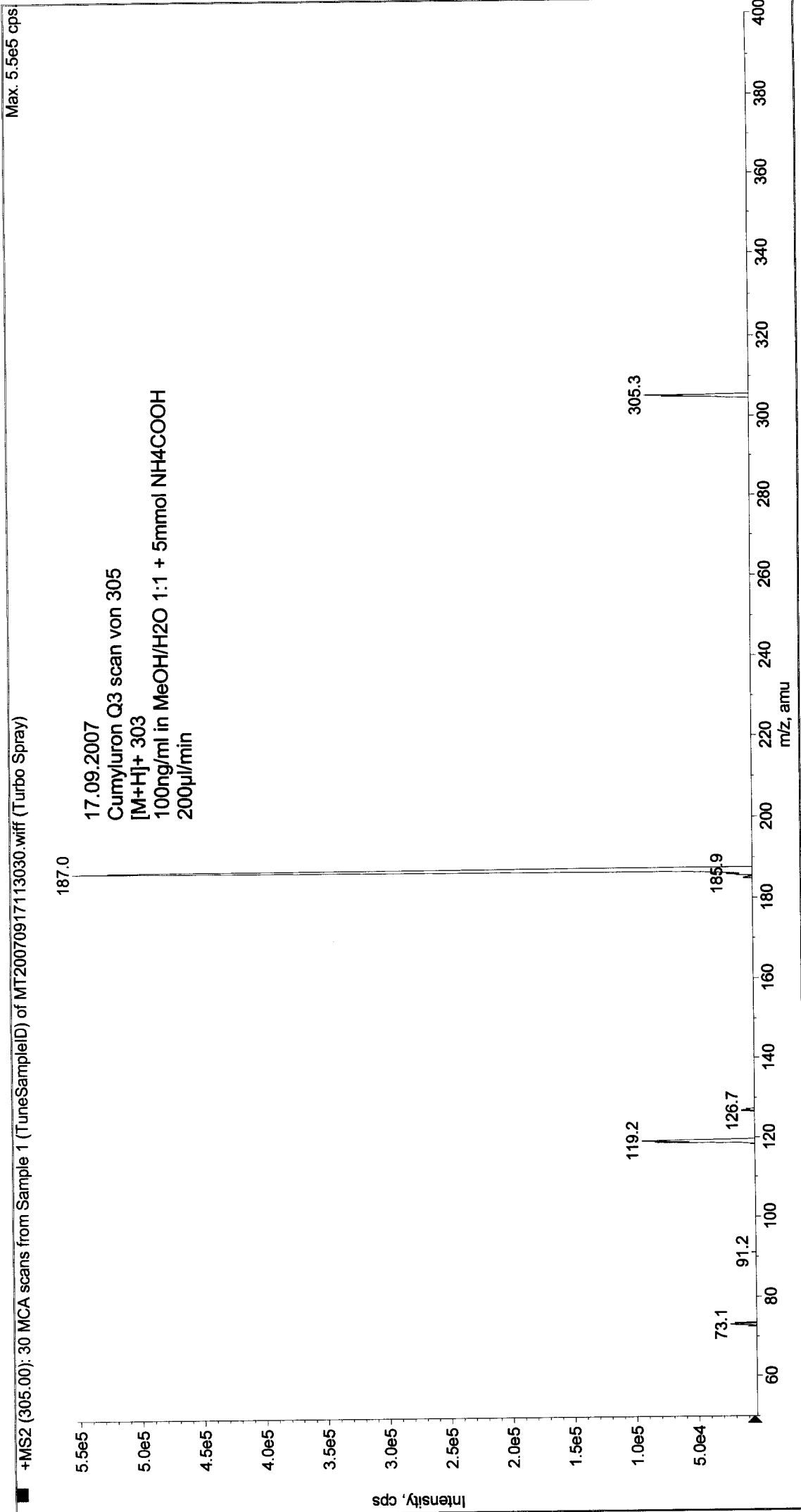
Acq. Date: Monday, September 17, 2007

Acq. File: MT20070917113030.wiff

Sample Comment:

Sample Name: TuneSampleID

Batch Name: ManualTune.bat



Printing Time: 11:39:44  
Printing Date: Monday, September 17, 2007

Acq. Time: 11:38  
Acq. Date: Monday, September 17, 2007  
Acq. File: MT20070917113837.wiff

Sample Comment:  
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