

## MS/MS Parameters of Pesticides

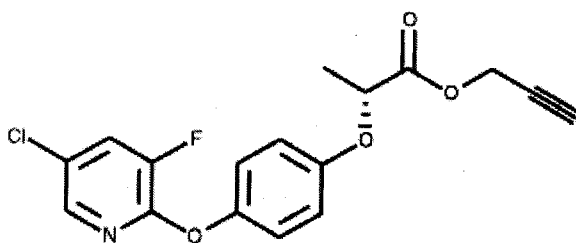
### Analyte: Clodinafop-propargyl

CAS No.: 105512-06-9

Formula: C<sub>17</sub>H<sub>13</sub>ClFNO<sub>4</sub>

Molecular mass (lowest isotopes): 349,05 amu

Structure:



Ionisation: ESI +

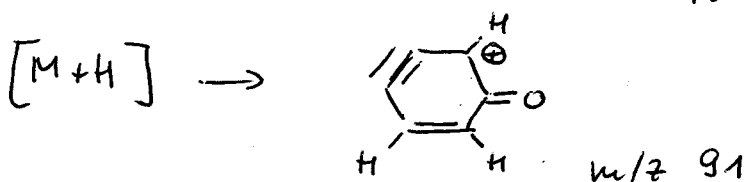
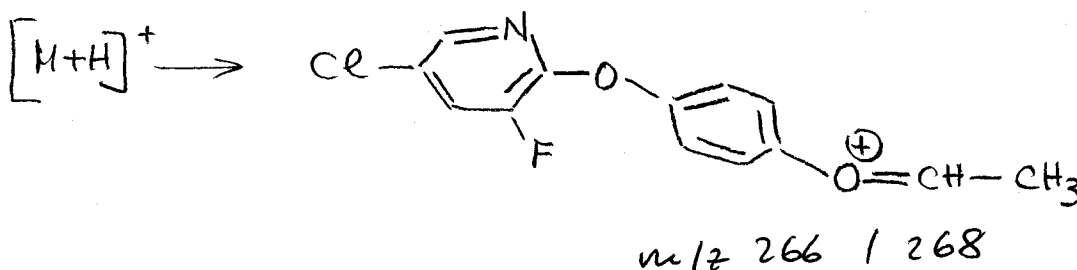
Quasimolecular ion: 350,0 amu = [M+H]<sup>+</sup>

Analyte sensitive parameter set (API 2000)

Transition	350,0 → 266,1	350,0 → 91,2
Declustering potential (DP) <sup>*)</sup>	41 V	41 V
Focusing potential (FP)	360 V	370 V
Entrance potential (EP)	10,0 V	10,5 V
Collision cell entrance potential (CEP)	24 V	22 V
Collision energy (CE)	21 V	41 V
Collision cell exit potential (CXP)	14 V	4 V

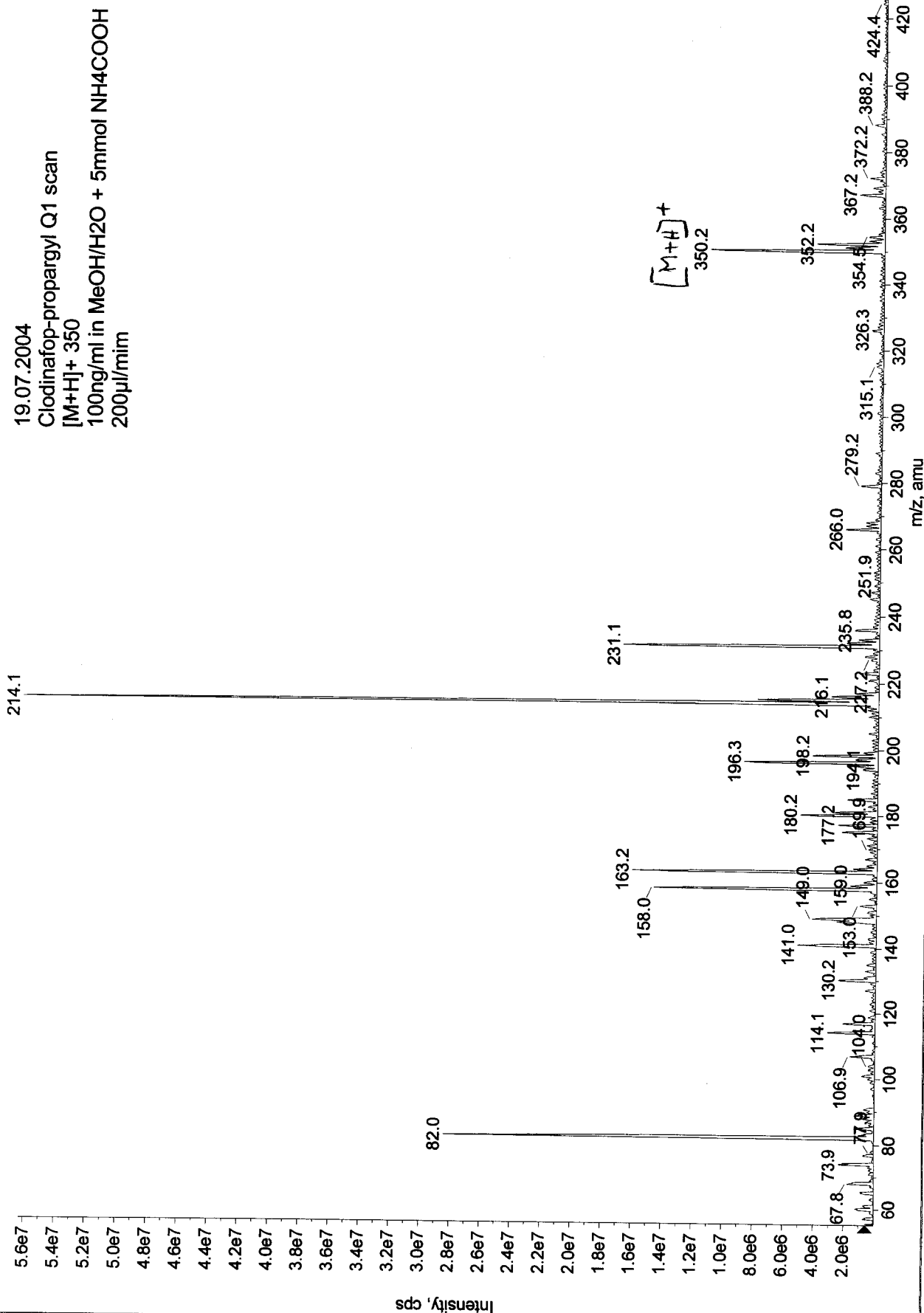
<sup>\*)</sup> For API 3000 and 4000 enhance DP by 20V

### Fragmentation



+Q1: 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719090328.wiff (Turbo Spray)

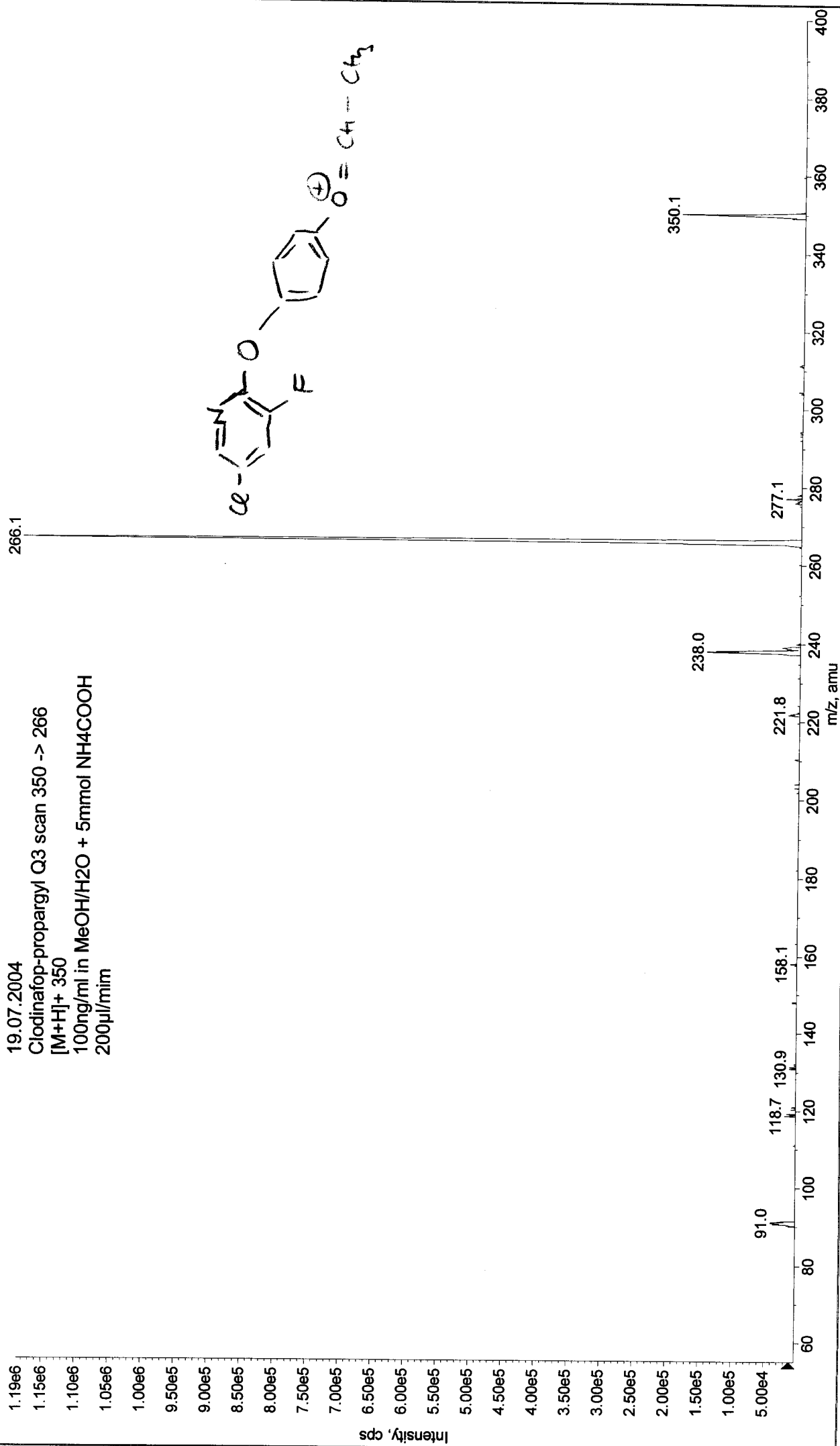
Max. 5.6e7 cps



+MS2 (350.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719090712.wiff (Turbo Spray)

Max. 1.2e6 cps

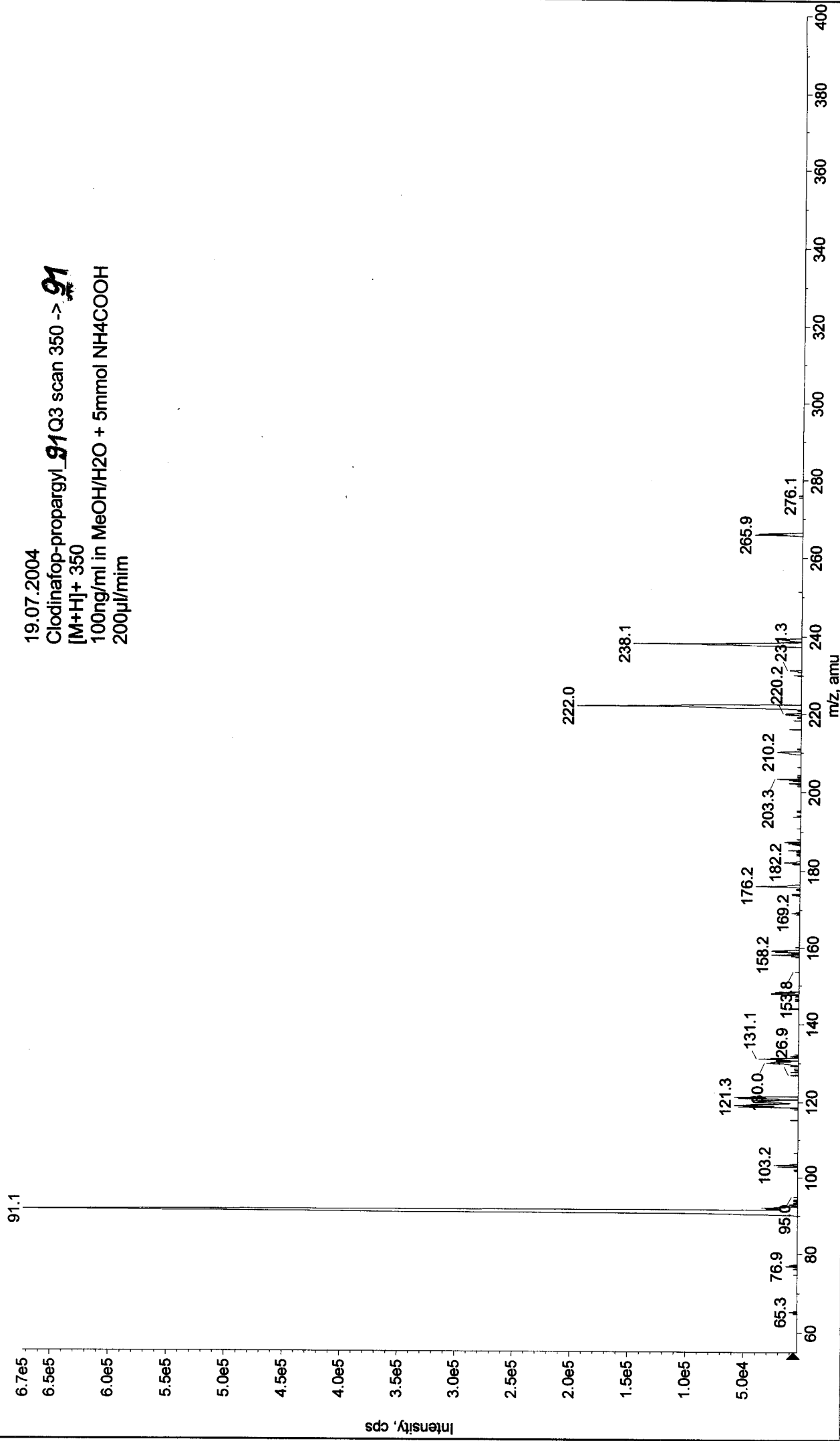
19.07.2004  
Clodinafop-propargyl Q3 scan 350 -> 266  
[M+H]<sup>+</sup> 350  
100ng/ml in MeOH/H<sub>2</sub>O + 5mmol NH<sub>4</sub>COOH  
200µl/min



+MS2 (350.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719091654.wiff (Turbo Spray)

Max. 6.7e5 cps

19.07.2004  
Clodinafop-propargyl **91**Q3 scan 350 -> **91**  
[M+H]<sup>+</sup> 350  
100ng/ml in MeOH/H<sub>2</sub>O + 5mmol NH<sub>4</sub>COOH  
200µl/mim



Printing Time: 9:09:40  
Printing Date: Monday, July 19, 2004

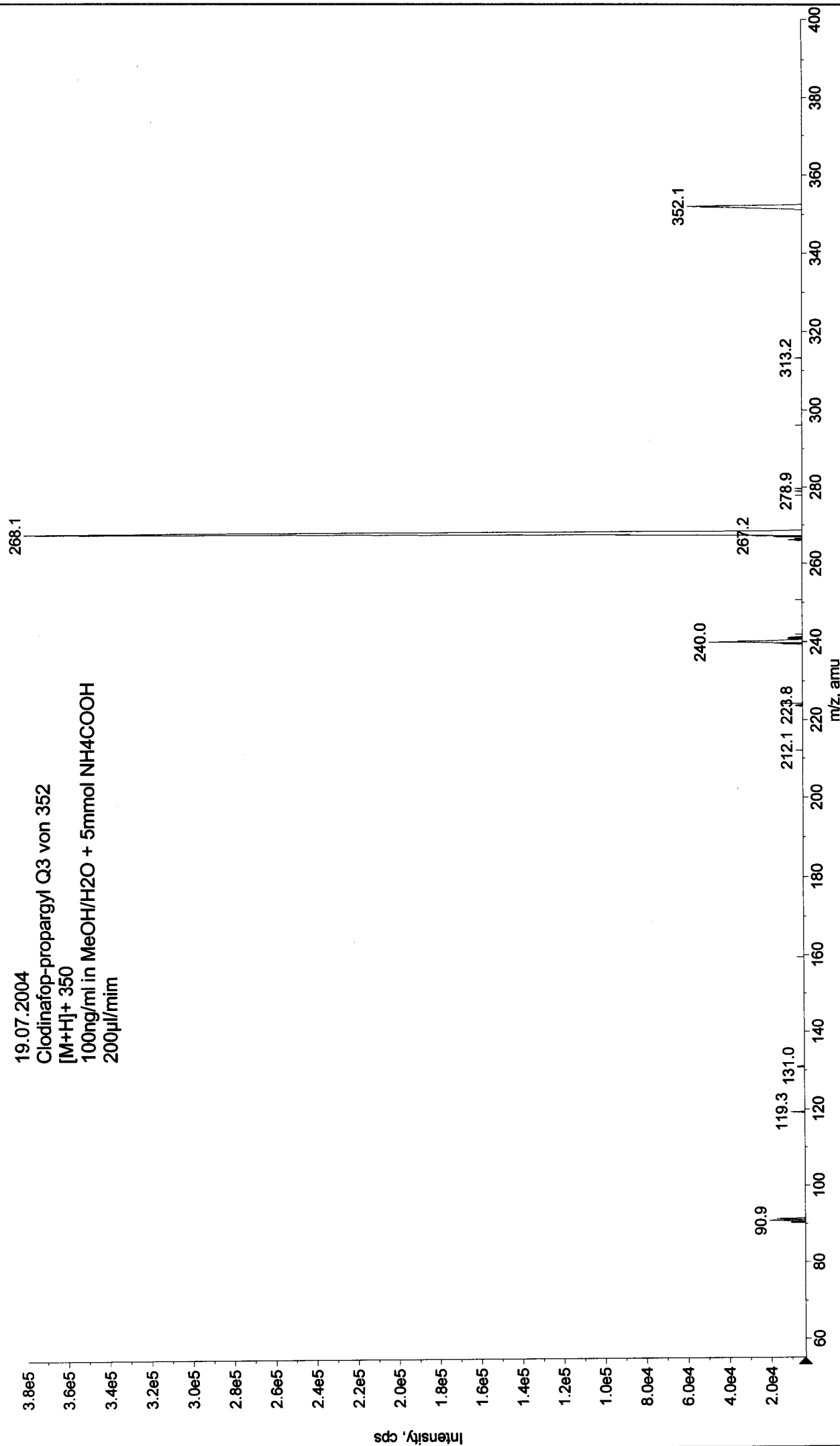
Acq. Time: 09:08  
Acq. Date: Monday, July 19, 2004  
Acq. File: MT20040719090836.wiff

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

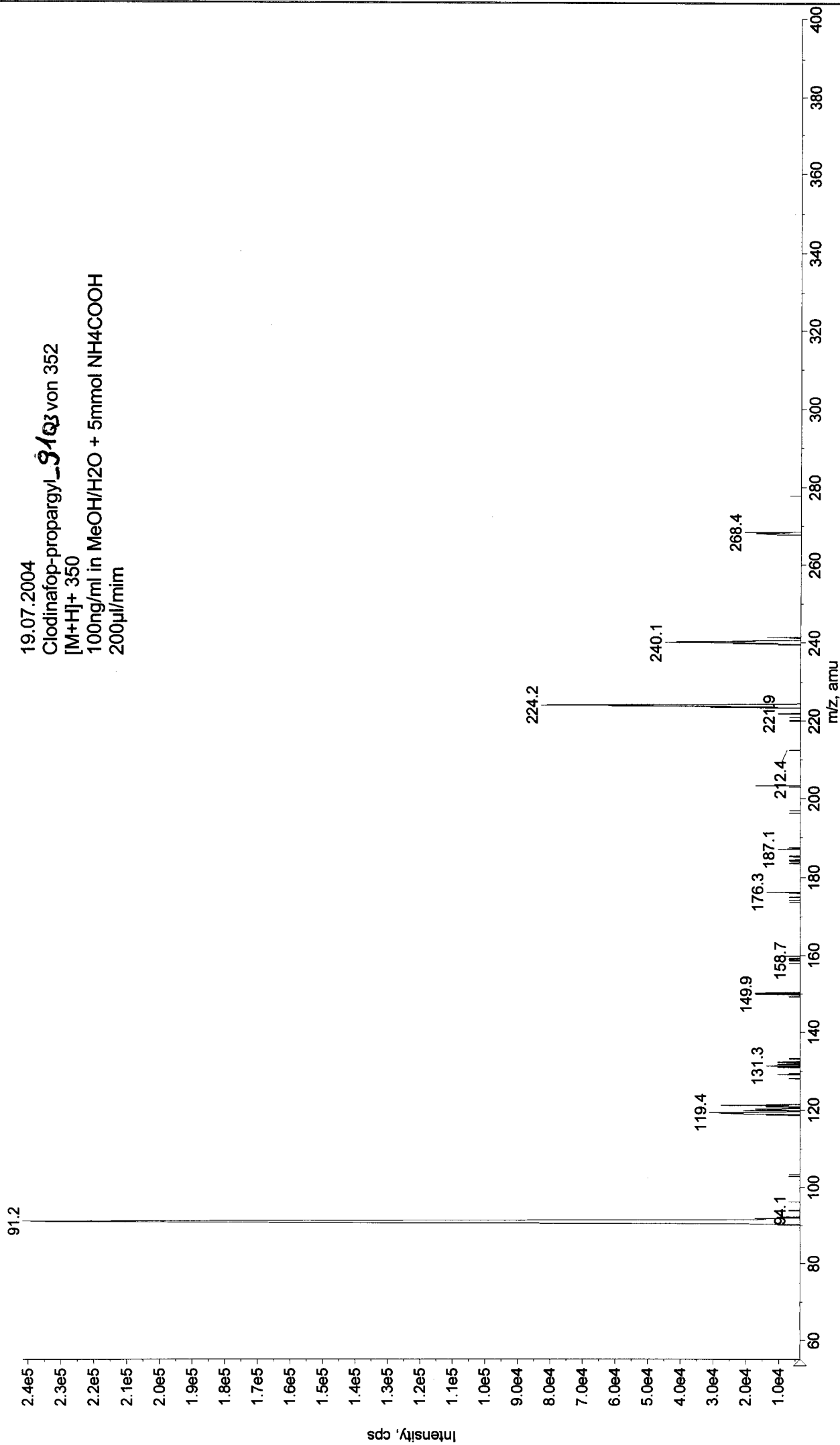
Max. 3.8e5 cps

■ +MS2 (352.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719090836.wiff (Turbo Spray)

19.07.2004  
Clodinafop-propargyl Q3 von 352  
[M+H]<sup>+</sup> + 350  
100ng/ml in MeOH/H<sub>2</sub>O + 5mmol NH<sub>4</sub>COOH  
200µl/mlm



+MS2 (352.00): 30 MCA scans from Sample 1 (TuneSampleID) of MT20040719092120.wiff (Turbo Spray) Max. 2.4e5 cps



19.07.2004  
Clodinafop-propargyl-<sup>91Q3</sup> von 352  
[M+H]<sup>+</sup> + 350  
100ng/ml in MeOH/H<sub>2</sub>O + 5mmol NH<sub>4</sub>COOH  
200µl/mim