

Name: 6β-Hydroxy Norethindrone
Lot#: GR-1-035
Test Date: 08/14/2019 (re-test date: 08/14/2024)
CAS No.: 51724-44-8
MF: C₂₀H₂₆O₃
MW: 314.43
Appearance: White Solid
Purity: 96.1% by HPLC
¹H-NMR: Conforms (shows a trace of EtOAc)
MS-ESI (+) Conforms (shows peaks at m/z = 315.19 [M+H]⁺)

Approved by:

Date: 08/16/2019



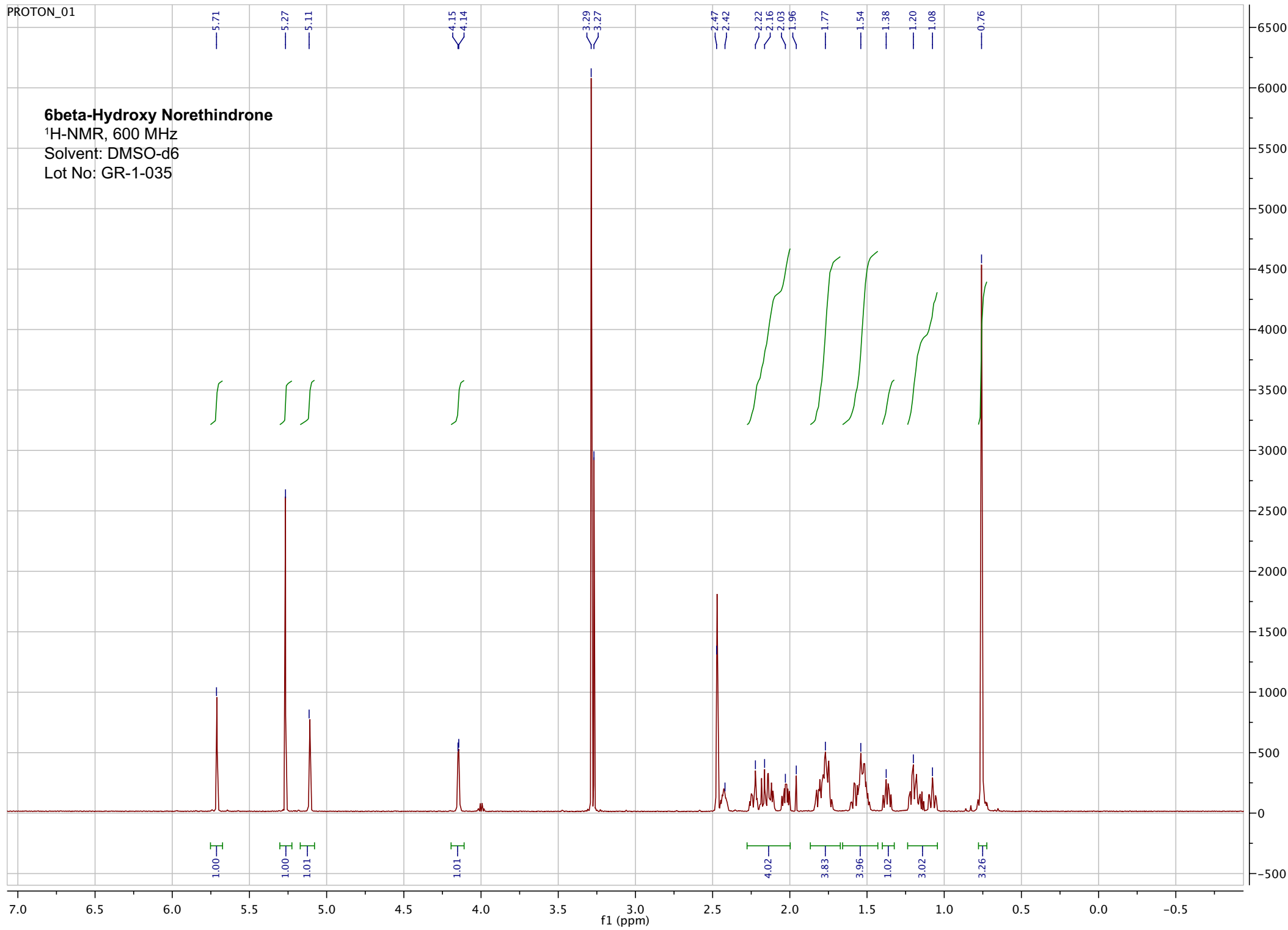
Viorica Rusu, QC/QA Manager

6beta-Hydroxy Norethindrone

¹H-NMR, 600 MHz

Solvent: DMSO-d6

Lot No: GR-1-035

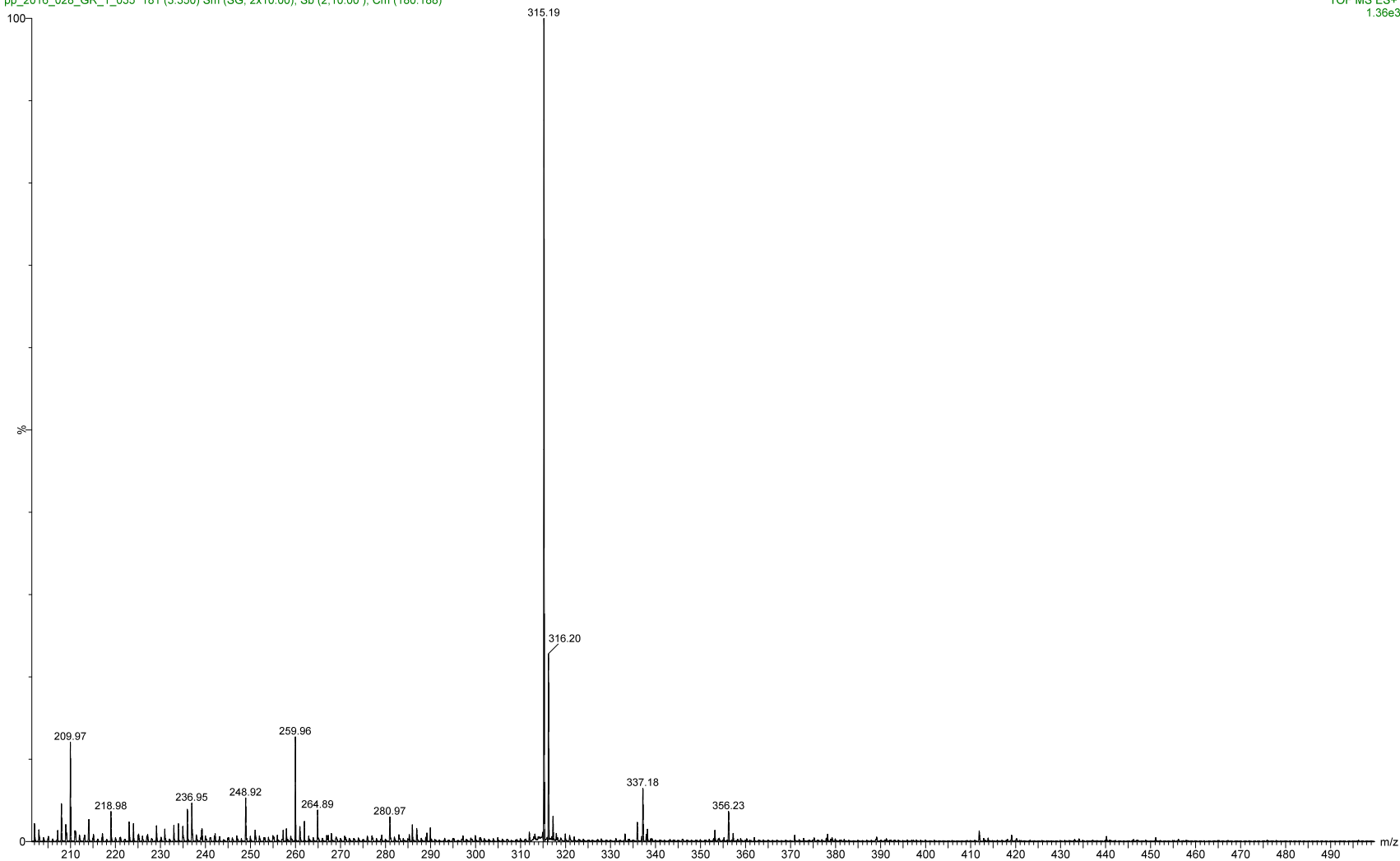


pp_2016_028_GR_1_035 181 (3.350) Sm (SG, 2x10.00); Sb (2,10.00); Cm (180:188)

7.00000000

29-Mar-2016, 10:27:25

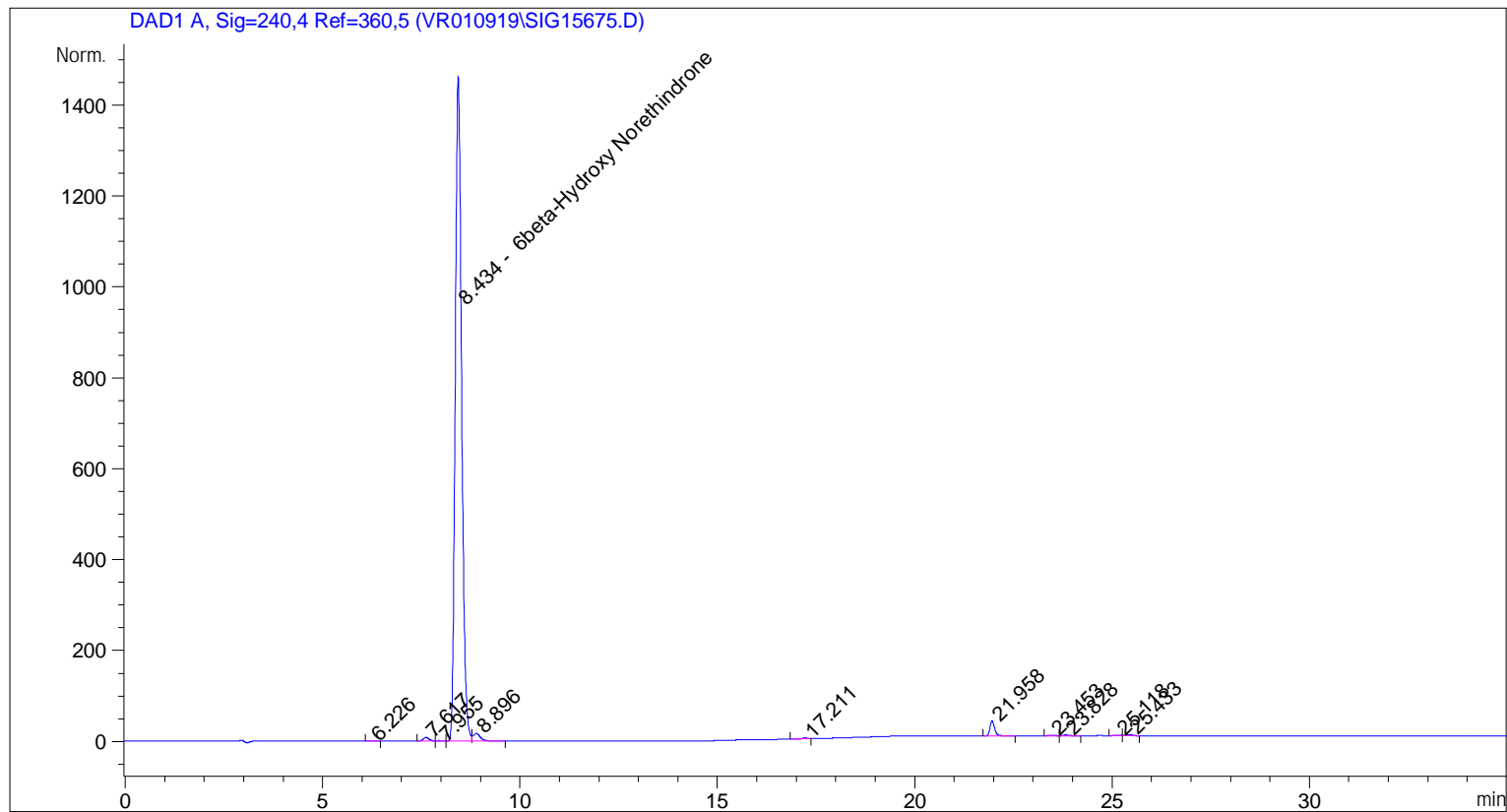
TOF MS ES+
1.36e3



ESI-MS spectrum of sample GR-1-035. Shows monoisotopic [M+H]⁺ mass.

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 35
Injection Date  : 8/14/2019 11:15:44 AM
                                           Inj Volume : 7.0 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR081419_035.M
Last changed   : 8/14/2019 11:09:27 AM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR081419_035PM.M
Last changed   : 8/14/2019 12:11:59 PM by vrusu
  
```



Area Percent Report

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Sorted By           : Signal
Calib. Data Modified : 8/14/2019 12:11:38 PM
Multiplier:         : 1.0000
Dilution:           : 1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

Signal 1: DAD1 A, Sig=240,4 Ref=360,5

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	6.226	VV	0.1485	8.16360	0.0477	?
2	7.617	BV	0.1630	83.38491	0.4875	?
3	7.955	VB	0.1483	8.98427	0.0525	?
4	8.434	BV	0.1732	1.64402e4	96.1160	6beta-Hydroxy Norethindrone
5	8.896	VB	0.1850	211.33998	1.2356	?
6	17.211	BB	0.1234	17.85793	0.1044	?
7	21.958	BB	0.1236	267.31943	1.5629	?
8	23.453	BB	0.1397	13.15594	0.0769	?

Sample Name: GR-1-035

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	23.828	BB	0.1451	16.44506	0.0961	?
10	25.118	BB	0.1422	10.15030	0.0593	?
11	25.433	BB	0.1593	27.54173	0.1610	?

Totals : 1.71046e4

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*** End of Report ***