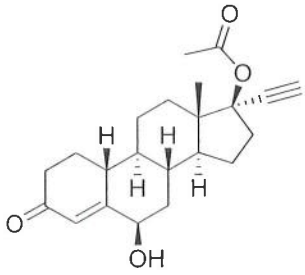


Certificate of Analysis

Name of Product: 6 β -Hydroxynorethindrone acetate		Lot Number: VM-19-163-101614
Manufacture Date: 10/16/14	Retested On: 03/20/23	Next Retest Date: 03/19/26
Recommended Storage Conditions:		
<input type="checkbox"/> Ambient atmosphere <input checked="" type="checkbox"/> Inert atmosphere <input type="checkbox"/> Ambient temperature <input checked="" type="checkbox"/> 2-8°C (refrigeration) <input type="checkbox"/> -20°C or below (freezer)		

Structure: 	Molecular Formula: C ₂₂ H ₂₈ O ₄
	Molecular Weight: 356.46
	CAS Number: 6856-27-5


Appearance: White solid

Identity: ¹H-NMR - conforms to structure

MS(ESI+ve): [M+H]⁺ = 357.13 – conforms to structure

Purity: 99.6% by AUC at 254 nm (LC/MS)

Dalton Pharma Services hereby certifies that the above information is authentic and accurate.

 <hr/> Zemin Li, Ph.D., R & D Chemistry Supervisor	Date: 03/29/23
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Product name: 6 β -Hydroxynorethindrone acetate
Lot number: VM-19-163-101614

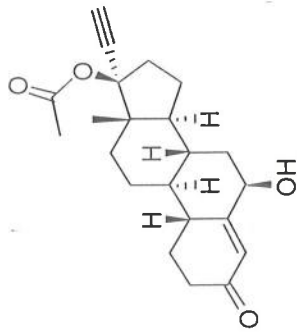
RDS# 02750
Page 1 of 1

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VM-19-163, 1H-NMR, DMSO-d6, 03/20/23 Retest



2.504
2.500
2.496

3.318
3.538

4.184
4.191

5.168
5.176

5.749
5.753

1.984
1.816
1.624

0.890

VB
03/21/23

4.0
1.0
2.0
1.0
3.0
4.0
4.0
3.0
1.0

1.0

1.0

1.0

1.0

0.0

1.0

2.0

3.0

4.0

5.0

6.0

7.0

8.0

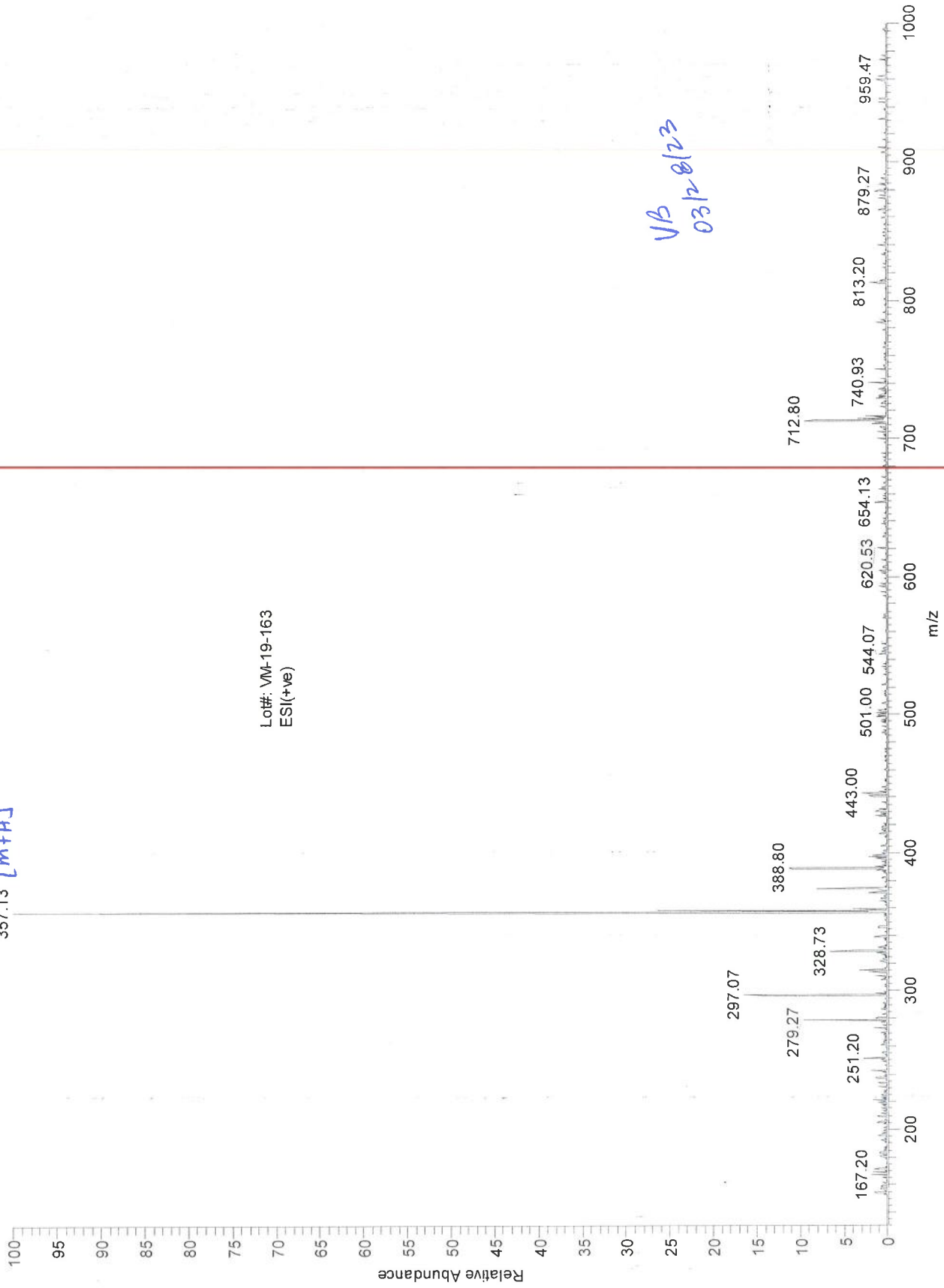
9.0

10.0

ppm (t1)

VM-19-163 #154-156 RT: 5.24-5.31 AV: 3 NL: 2.74E5
T: + p ESI Full ms [50.00-2000.00]

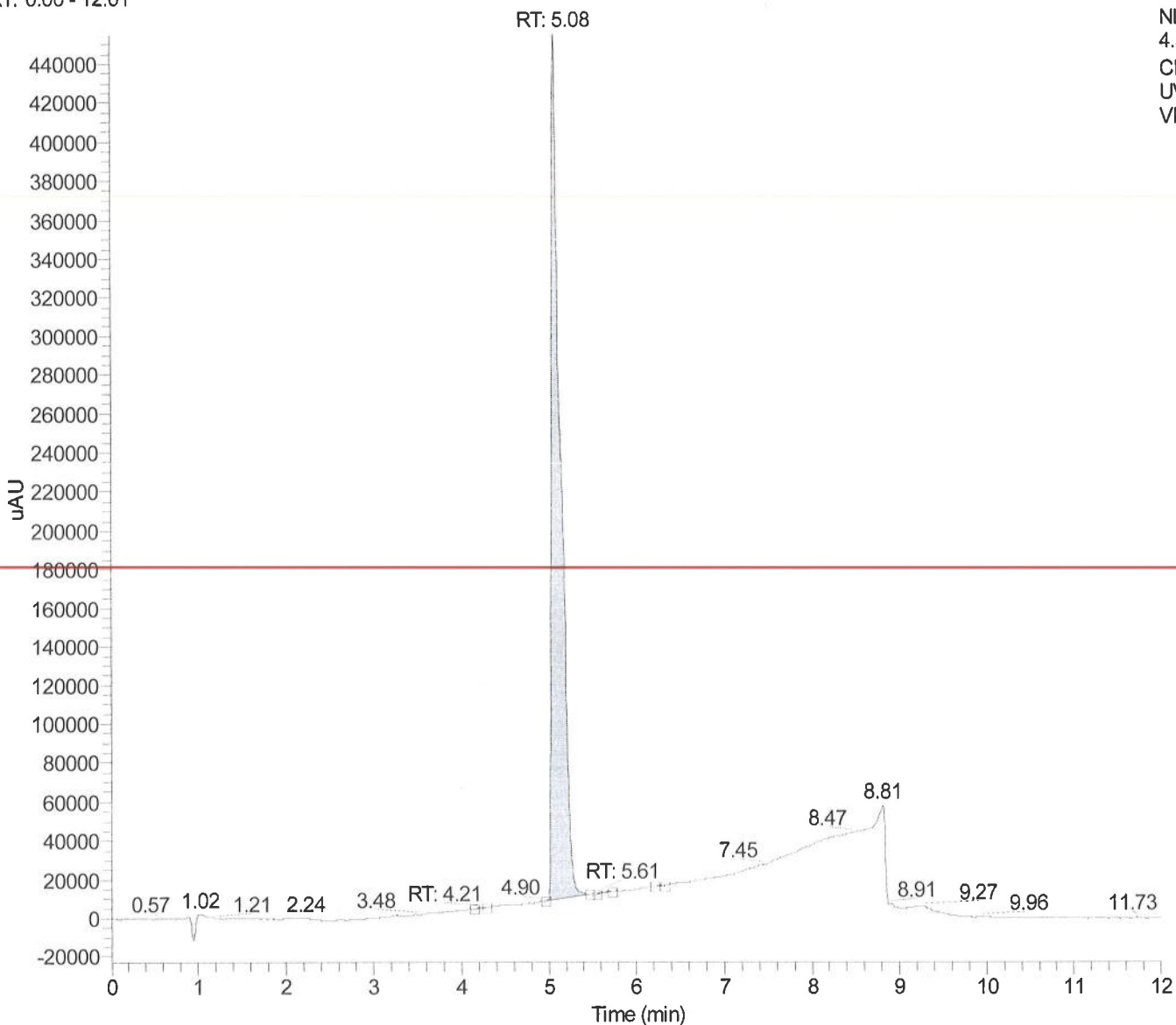
357.13 [M+H]⁺



Lot#: VM-19-163
ESI(+ve)

V/B
03/20/23

RT: 0.00 - 12.01



NL:
4.55E5
Channel B
UV
VM-19-163

VM-19-163.RAW

RT: 0.00 - 12.01

Number of detected peaks: 4 at 254 nm Wavelength

Apex RT	Start RT	End RT	Area	%Area	Height	%Height
4.21	4.15	4.29	3439.011	0.11	707.229	0.16
5.08	4.97	5.47	3185180.321	99.62	445116.943	99.43
5.61	5.55	5.73	6126.458	0.19	996.834	0.22
6.26	6.21	6.33	2651.437	0.08	849.131	0.19

VB
03/29/23