

Name: Norethindrone Acetate-2,2,4,6,6,10-D6
Lot#: GR-3-143
Test Date: 07/26/2019 (re-test date: 07/26/2024)
CAS No.: 38673-38-0 (unlabeled)
MF: C₂₂H₂₂D₆O₃
MW: 346.50
Appearance: Off-White Solid
Purity: 99.3% by HPLC; >98% atom D
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peak at m/z = 347.23 [M+H]⁺)

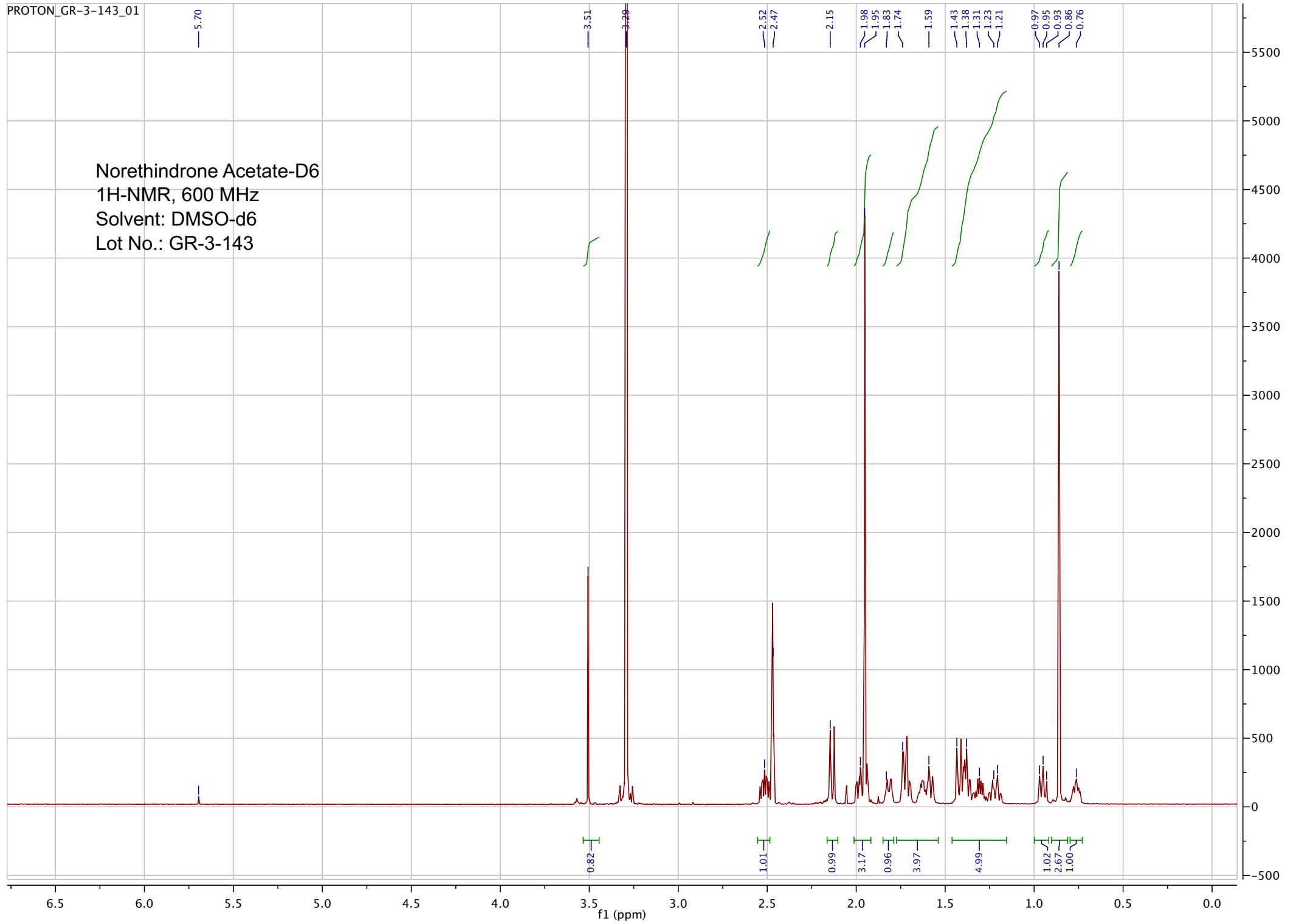
Approved by:

Date: 07/29/2019



Viorica Rusu, QC/QA Manager

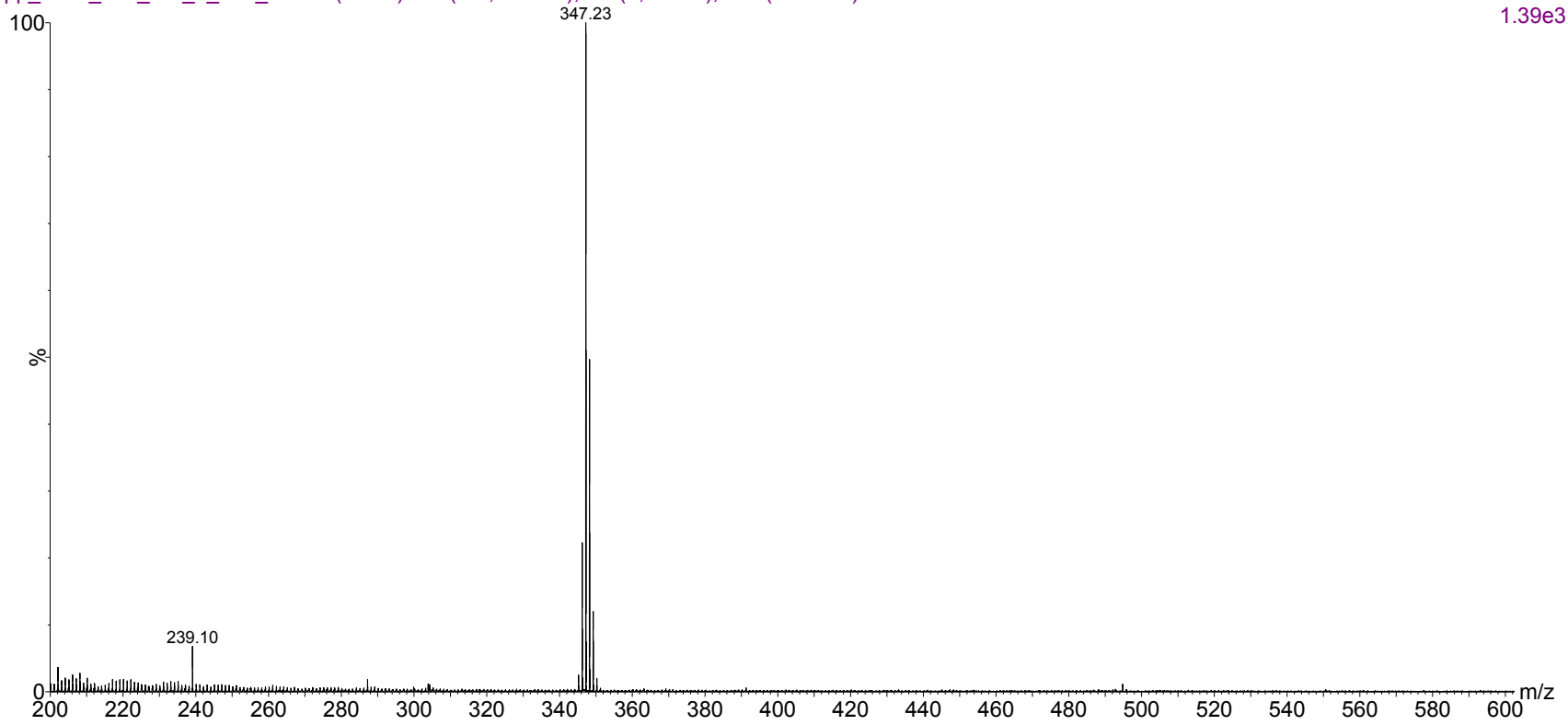
Norethindrone Acetate-D6
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No.: GR-3-143



26-Jul-2019, 16:27:27

TOF MS ES+
1.39e3

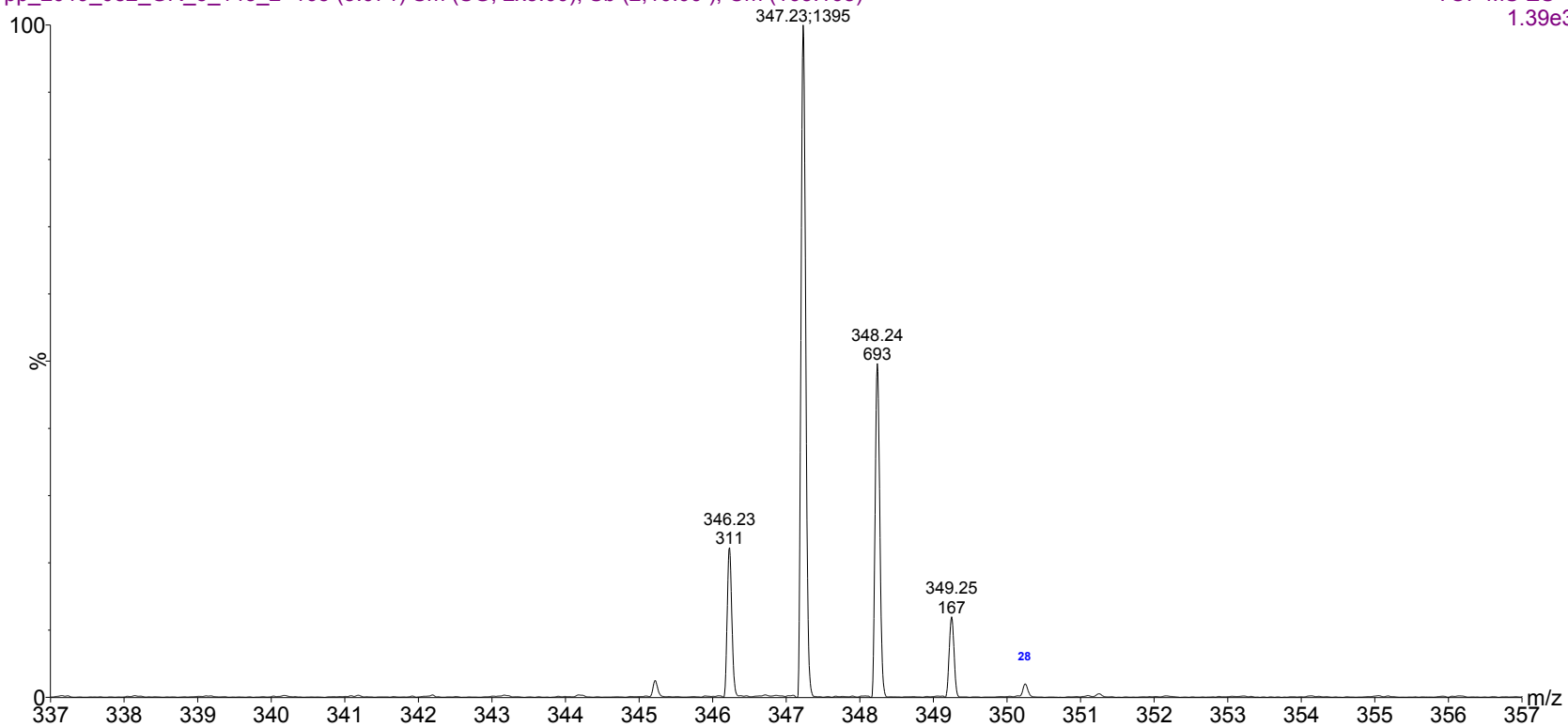
pp_2019_082_GR_3_143_2 165 (3.071) Sm (SG, 2x5.00); Sb (2,10.00); Cm (163:168)



ESI-MS spectrum for sample GR-3-143. Shows monoisotopic [M+H]⁺ mass.

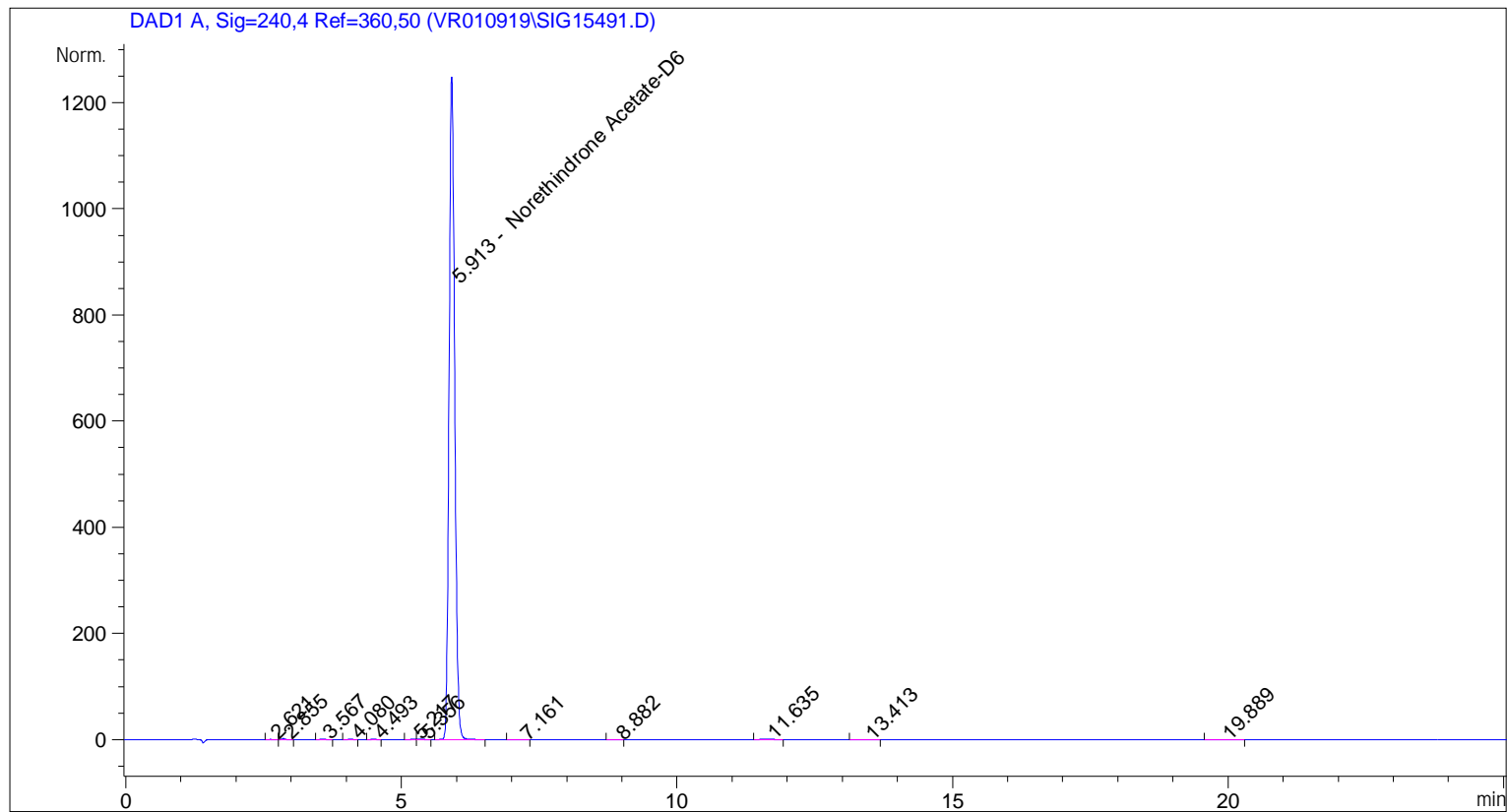
26-Jul-2019, 16:27:27
TOF MS ES+
1.39e3

pp_2019_082_GR_3_143_2 165 (3.071) Sm (SG, 2x5.00); Sb (2,10.00); Cm (163:168)



Expansion of above showing intensity labels.

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 92
Injection Date : 7/26/2019 12:30:51 PM Inj Volume : 8.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR072619_143.M
Last changed : 7/26/2019 12:29:16 PM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR072919_143PM.M
Last changed : 7/29/2019 8:24:01 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 7/29/2019 8:23:26 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=240,4 Ref=360,50

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.621	BB	0.0968	2.33877	0.0262	?
2	2.855	BB	0.0704	8.12187	0.0911	?
3	3.567	BB	0.0775	8.05779	0.0904	?
4	4.080	BB	0.0982	4.04151	0.0453	?
5	4.493	BB	0.0908	4.27563	0.0479	?
6	5.217	BV	0.1027	3.88581	0.0436	?
7	5.356	VB	0.1045	6.93678	0.0778	?
8	5.913	BB	0.1088	8854.30078	99.2862	Norethindrone Acetate-D6

Sample Name: GR-3-143

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
9	7.161	BB	0.1758	2.38396	0.0267	?
10	8.882	BB	0.1374	1.78089	0.0200	?
11	11.635	BB	0.1979	14.56499	0.1633	?
12	13.413	BB	0.2011	2.85835	0.0321	?
13	19.889	BB	0.2635	4.40607	0.0494	?

Totals : 8917.95320

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*** End of Report ***