

Name: 6 β -Acetoxy Norethindrone Acetate
Lot#: GR-7-299
Test Date: 11/13/2020 (re-test date: 11/13/2025)
CAS No.: NA
MF: C₂₄H₃₀O₅
MW: 398.50
Appearance: White solid
Purity: 98.7% by HPLC (average of two sample preparations)
¹H-NMR: Conforms
MS-ESI (+) Conforms (shows peak at m/z = 399.30 [M+H]⁺)
Storage Store at -18°C in a dry place away from direct sunlight

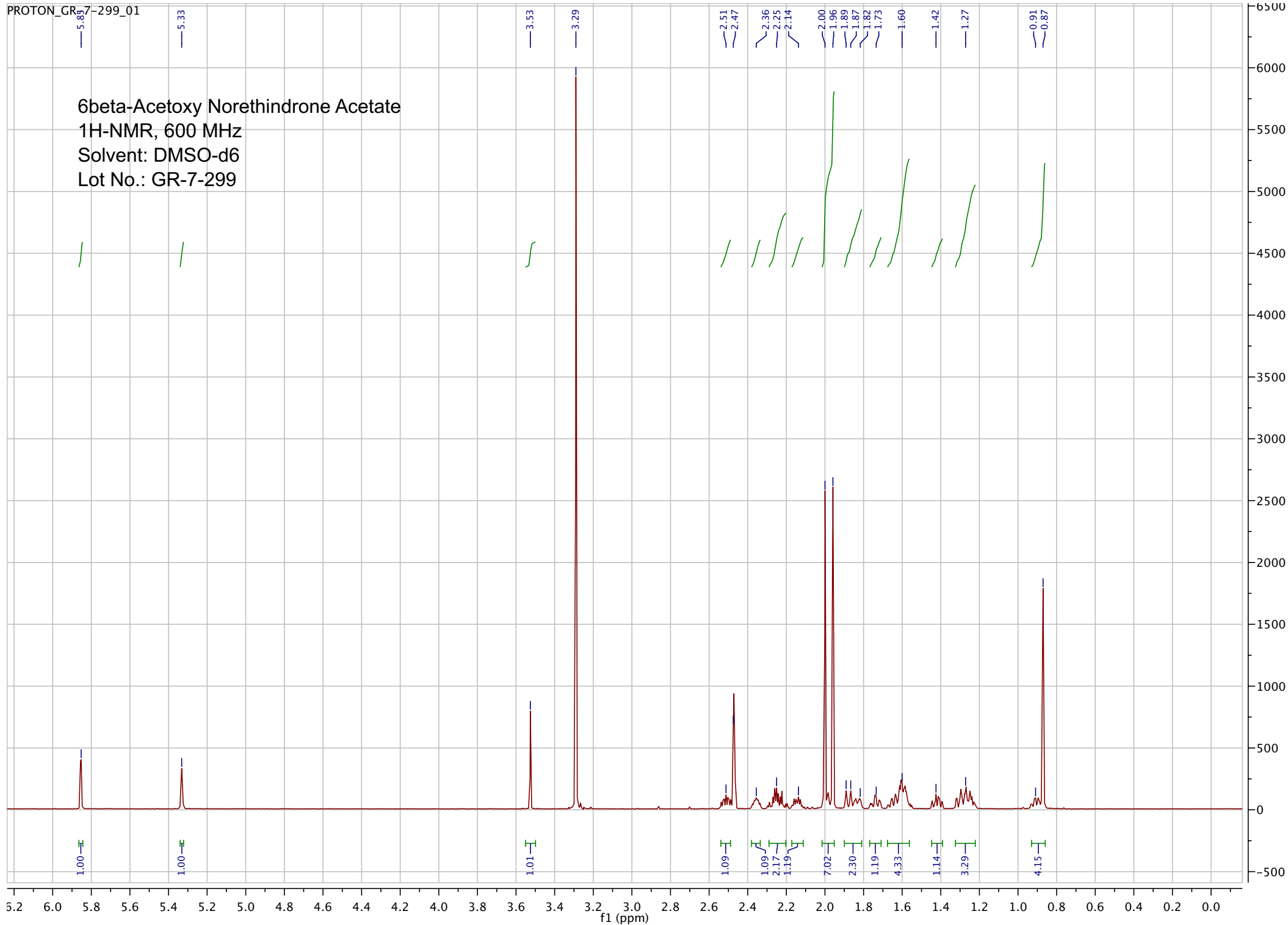
Approved by:

Date: 11/13/2020



Viorica Rusu, QC/QA Manager

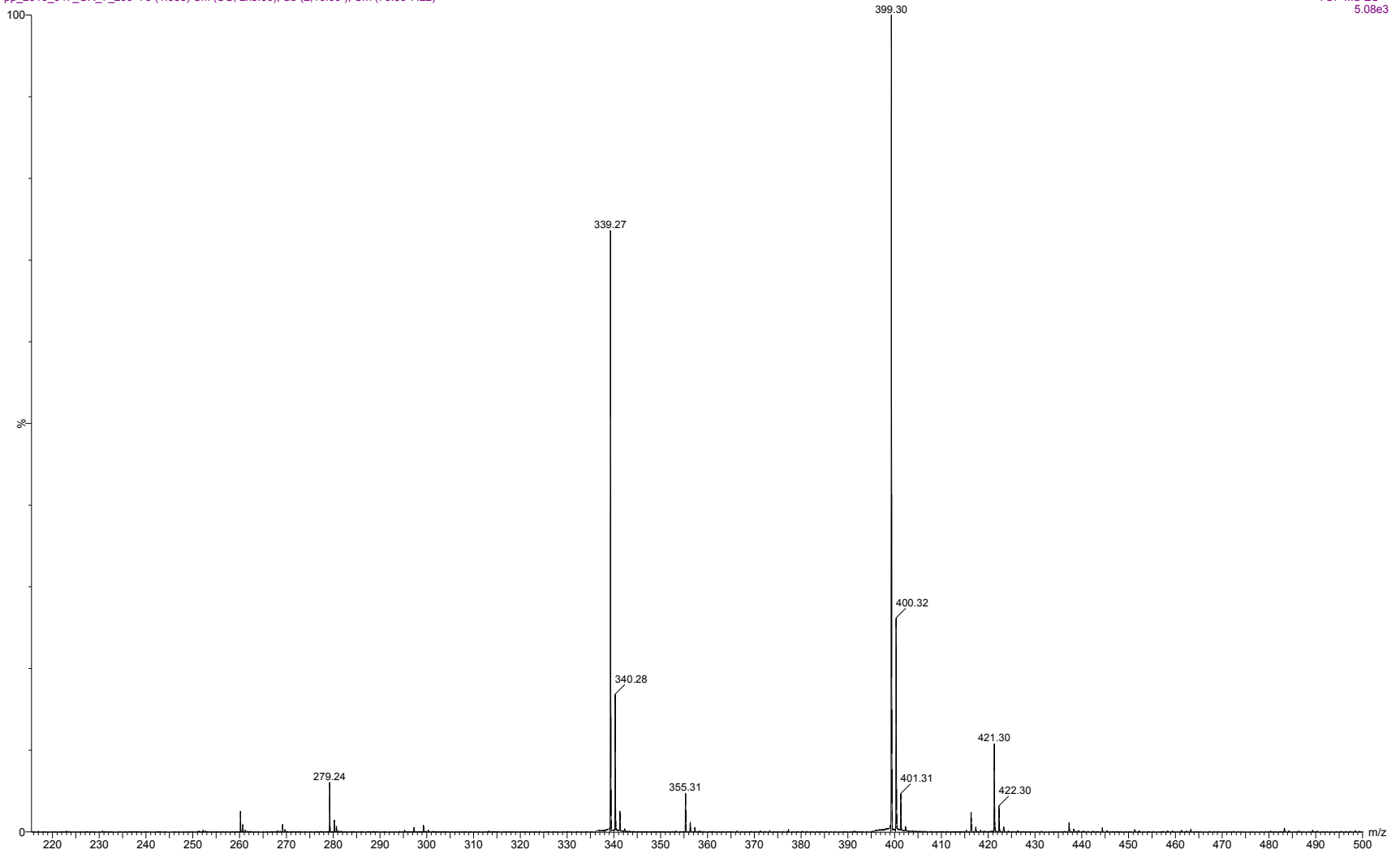
6beta-Acetoxy Norethindrone Acetate
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No.: GR-7-299



pp_2016_047_GR_7_299 75 (1.388) Sm (SG, 2x5.00); Sb (2,10.00); Cm (75:83-7:22)

7.00000000

10-May-2016, 15:15:05
TOF MS ES+
5.08e3



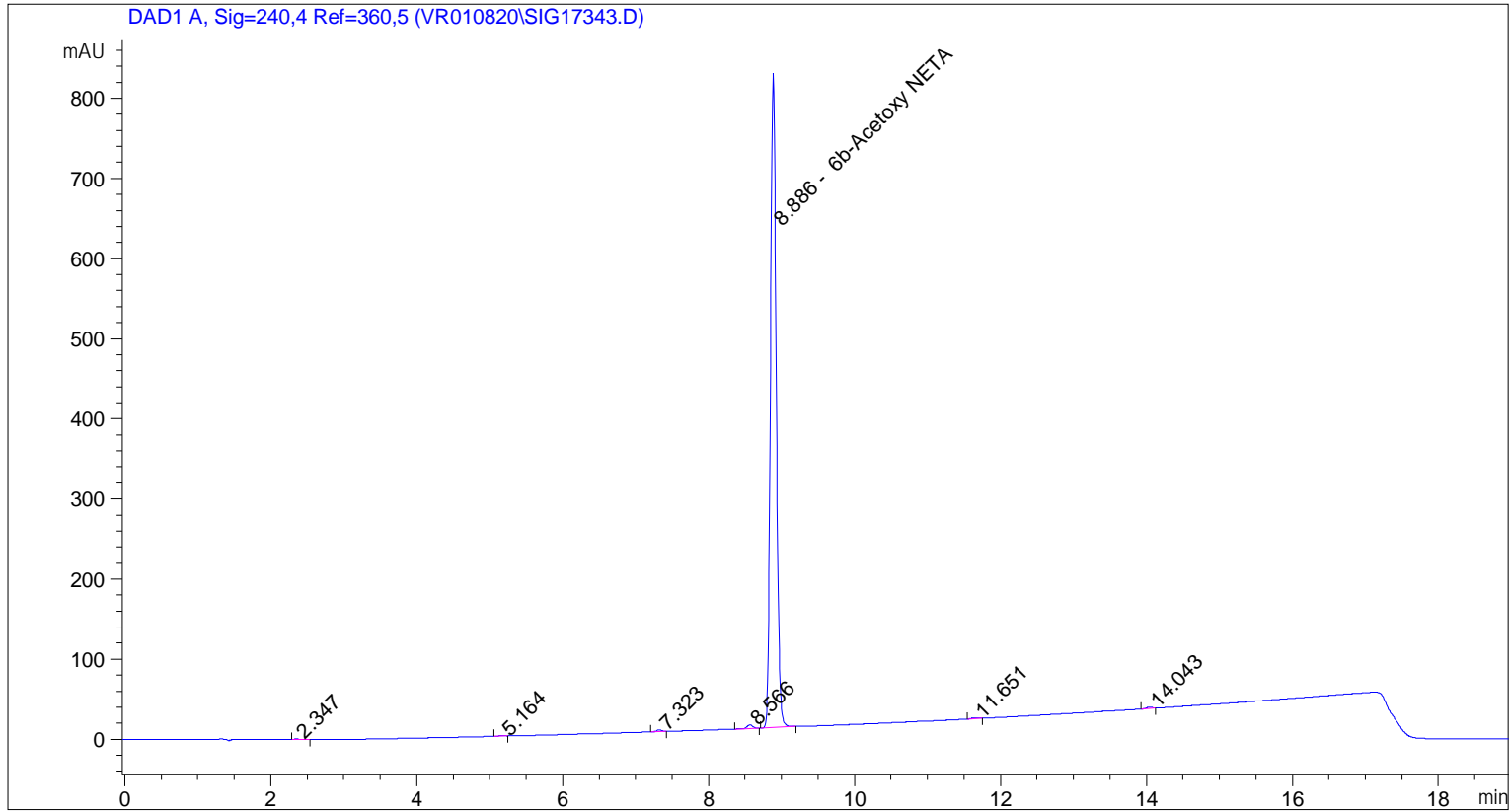
ESI-MS spectrum for sample GR-7-299. Shows monoisotopic [M+H]⁺ mass.

Sample Name: GR-7-299

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1
Injection Date  : 11/13/2020 9:31:42 AM
Location        : Vial 37
Inj Volume     : 2.5 µl
Acq. Method    : C:\CHEM32\1\METHODS\VR111320_299.M
Last changed   : 11/13/2020 9:30:41 AM by vrusu
Analysis Method: C:\CHEM32\1\METHODS\VR111320_299PM.M
Last changed   : 11/13/2020 10:46:08 AM by vrusu
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                          Area Percent Report
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Sorted By           :      Signal
Calib. Data Modified :      11/13/2020 10:45:31 AM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs

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

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	2.347	BB	0.0660	9.42612e-1	0.0207	?
2	5.164	BB	0.0735	3.39993	0.0746	?
3	7.323	BB	0.0791	11.05935	0.2427	?
4	8.566	BB	0.0831	24.56951	0.5391	?
5	8.886	BB	0.0842	4501.51953	98.7681	6b-Acetoxy NETA
6	11.651	BB	0.0925	6.61709	0.1452	?
7	14.043	BB	0.0844	9.55594	0.2097	?

Sample Name: GR-7-299

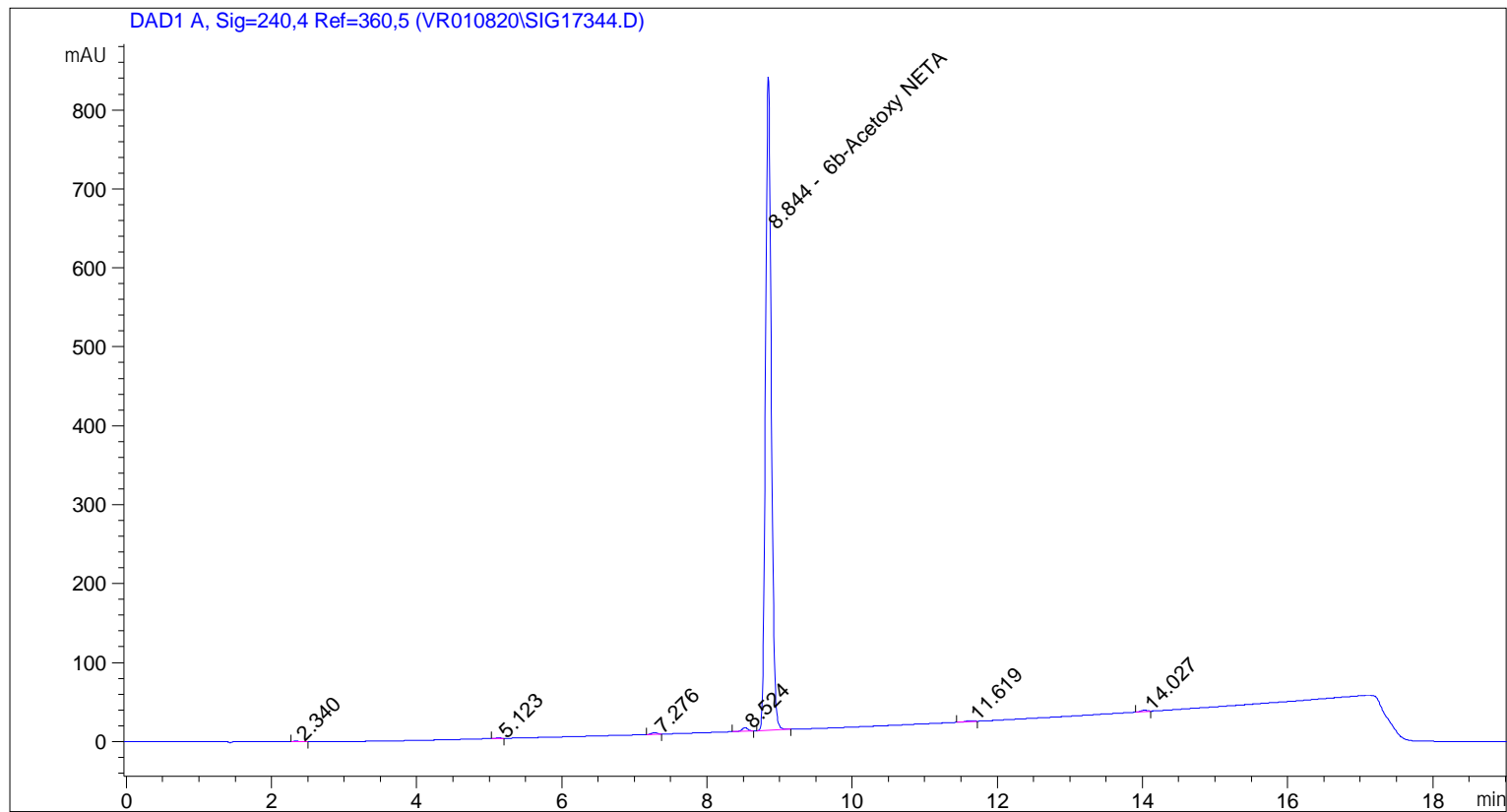
Totals : 4557.66396

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*** End of Report ***

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Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 38
Injection Date  : 11/13/2020 9:52:16 AM
                                           Inj Volume : 2.5 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR111320_299.M
Last changed    : 11/13/2020 9:51:22 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR111320_299PM.M
Last changed    : 11/13/2020 10:46:08 AM by vrusu
  
```



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 Area Percent Report
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Sorted By      :      Signal
Calib. Data Modified : 11/13/2020 10:45:31 AM
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	2.340	BB	0.0702	1.16577	0.0251	?
2	5.123	BB	0.0747	3.59047	0.0774	?
3	7.276	BB	0.0815	11.21958	0.2420	?
4	8.524	BB	0.0843	24.54100	0.5294	?
5	8.844	BB	0.0864	4576.84180	98.7250	6b-Acetoxy NETA
6	11.619	BB	0.1023	8.57577	0.1850	?
7	14.027	BB	0.0852	10.01349	0.2160	?

Sample Name: GR-7-299 spl 2

Totals : 4635.94788

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*** End of Report ***