

Name:	Triamcinolone Acetonide-D6
Lot#:	VR-2-167
Test Date:	06/09/2022 (re-test date: 06/09/2027)
CAS No.:	352431-33-5
MF:	C ₂₄ H ₂₅ FD ₆ O ₆
MW:	440.50
Appearance:	White solid
Purity:	99.1% by HPLC (average of two sample preparations)
¹H-NMR:	Conforms
MS-ESI (+)	Conforms (shows peaks at m/z = 441.24 [M+H] ⁺)
Storage	Store at -18°C in a dry place away from direct sunlight

Approved by:

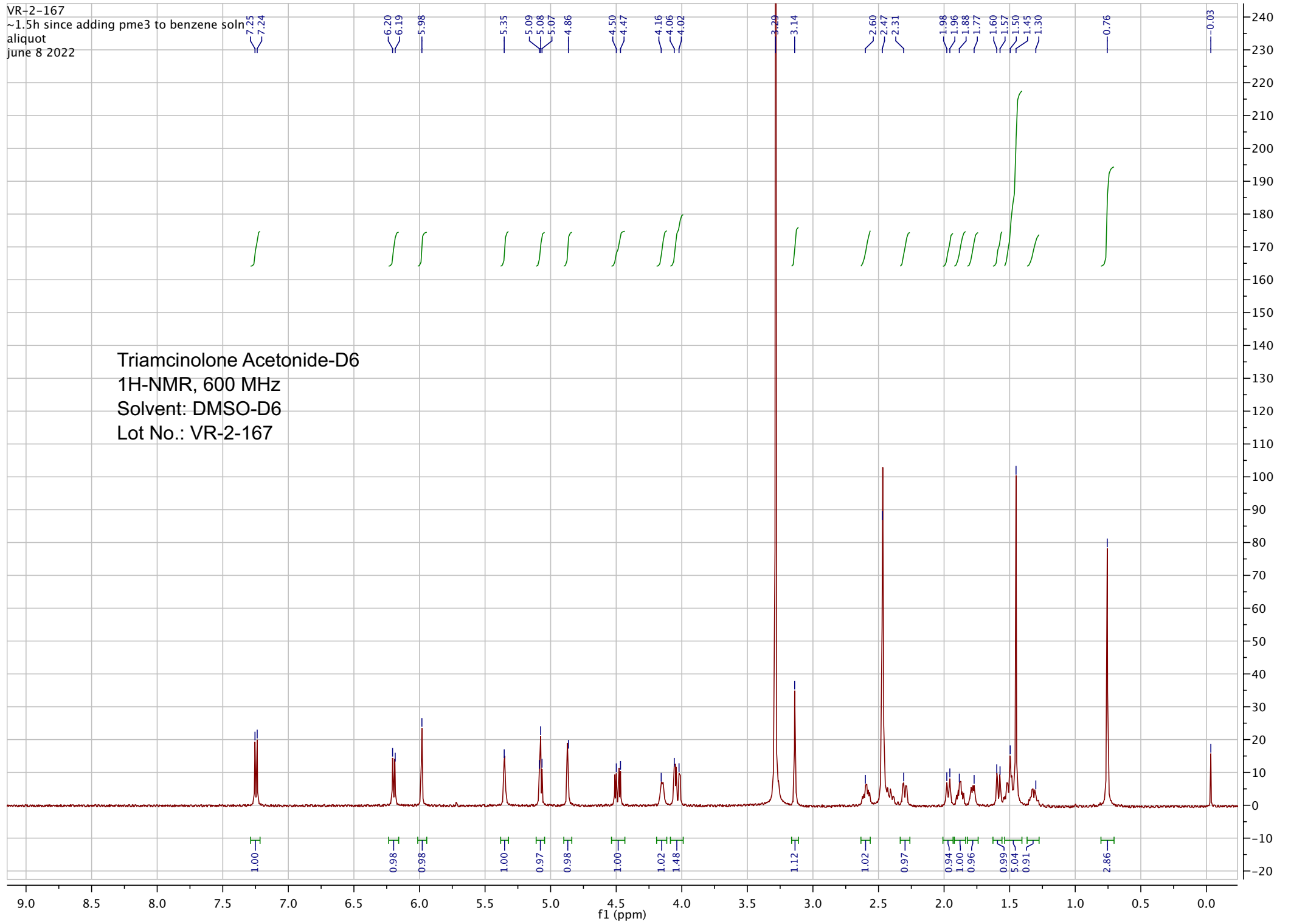
Date: 06/10/2022



Viorica Rusu, QC/QA Manager

VR-2-167
~1.5h since adding pme3 to benzene soln
aliquot
june 8 2022

Triamcinolone Acetonide-D6
1H-NMR, 600 MHz
Solvent: DMSO-D6
Lot No.: VR-2-167

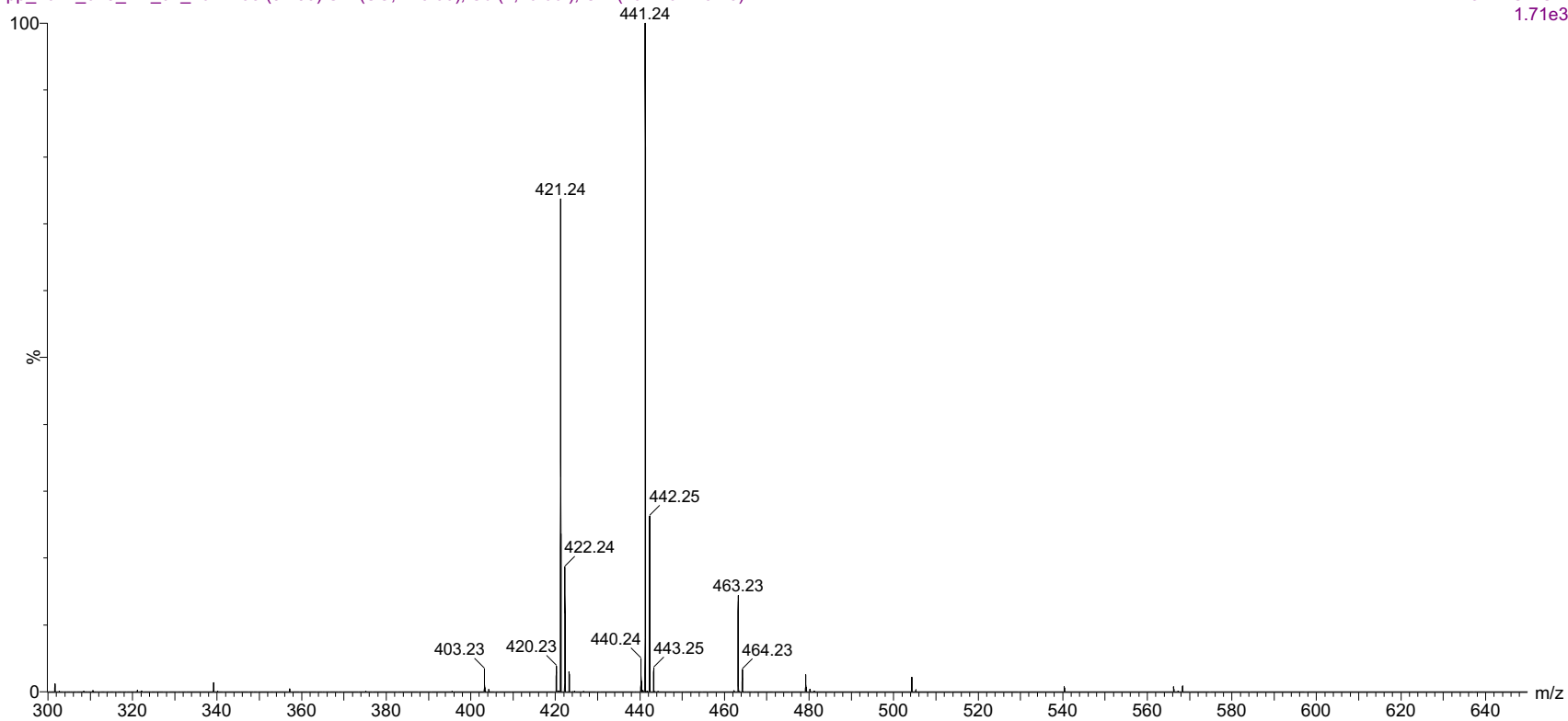


7.00000000

10-Jun-2022, 14:52:20

TOF MS ES+
1.71e3

pp_2022_043_VR_02_167 198 (3.739) Sm (SG, 2x5.00); Sb (2,10.00); Cm (197:207-15:25)



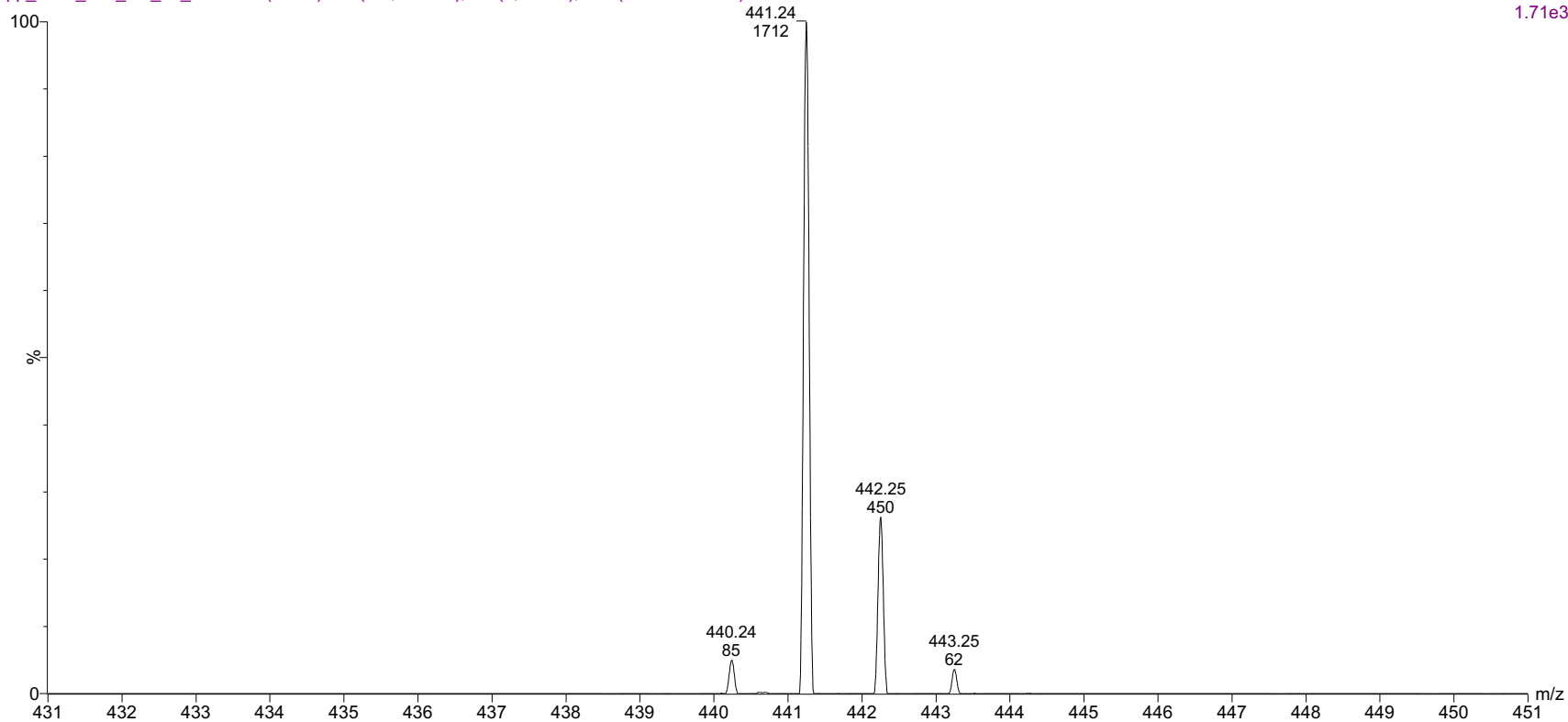
ESI-MS spectrum for sample VR-2-167. Shows monoisotopic [M+H]⁺ mass.

7.0000000

10-Jun-2022, 14:52:20

TOF MS ES+
1.71e3

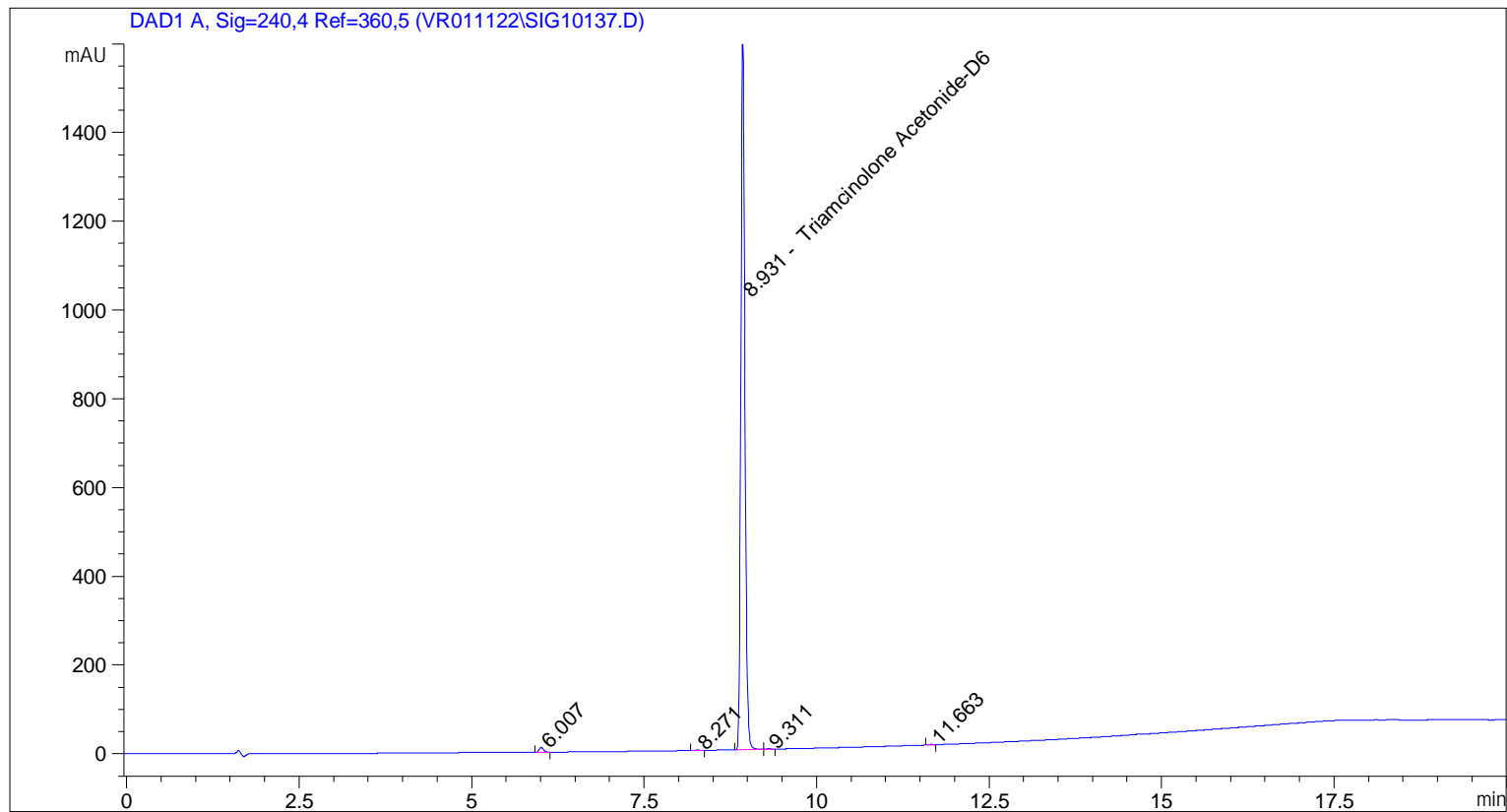
pp_2022_043_VR_02_167 198 (3.739) Sm (SG, 2x5.00); Sb (2,10.00); Cm (197:207-15:25)



Expansion of above showing intensity labels.

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=====
Acq. Operator   : vrusu
Acq. Instrument : Instrument 1                Location : Vial 21
Injection Date  : 6/9/2022 9:44:13 AM
                                           Inj Volume : 5.0 µl
Acq. Method     : C:\CHEM32\1\METHODS\VR060922_167.M
Last changed    : 6/9/2022 9:43:10 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR061022_167PM.M
Last changed    : 6/10/2022 12:14:56 PM by vrusu
  
```



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 Area Percent Report
 =====

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Sorted By           :      Signal
Calib. Data Modified :      6/10/2022 12:13:51 PM
Multiplier:         :      1.0000
Dilution:           :      1.0000
Use Multiplier & Dilution Factor with ISTDs
  
```

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

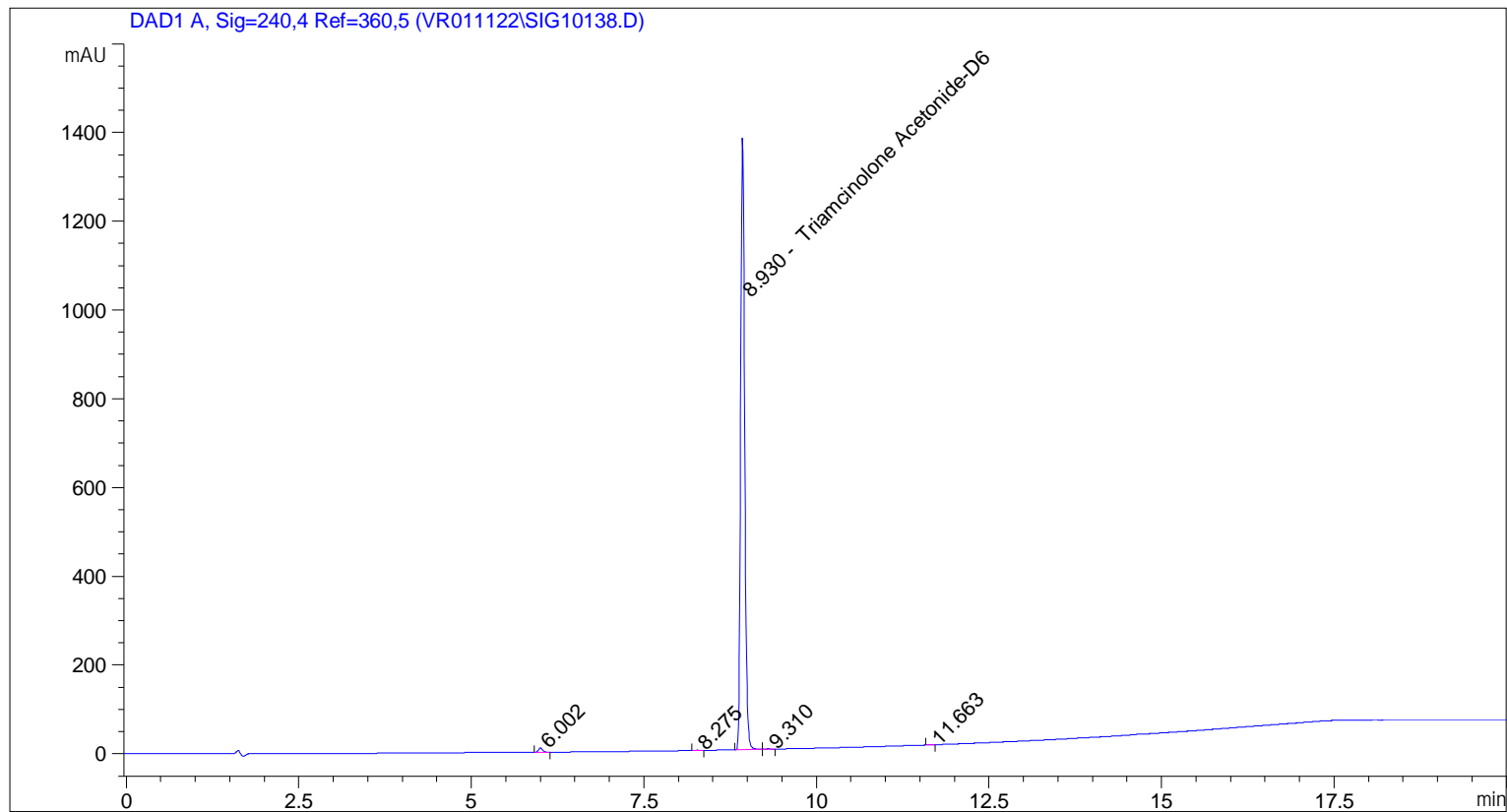
Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	6.007	BB	0.0639	44.43699	0.6747	?
2	8.271	BB	0.0722	4.59467	0.0698	?
3	8.931	BV	0.0618	6529.21582	99.1376	Triamcinolone Acetonide-D6
4	9.311	VB	0.0645	4.14783	0.0630	?
5	11.663	BB	0.0610	3.61978	0.0550	?

Totals : 6586.01509

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*** End of Report ***

=====
Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 22
Injection Date : 6/9/2022 10:10:03 AM
Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR060922_167.M
Last changed : 6/9/2022 10:08:55 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR061022_167PM.M
Last changed : 6/10/2022 12:14:56 PM by vrusu



=====
Area Percent Report
=====

Sorted By : Signal
Calib. Data Modified : 6/10/2022 12:13:51 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	6.002	BB	0.0641	39.57895	0.6973	?
2	8.275	BB	0.0681	3.43909	0.0606	?
3	8.930	BV	0.0616	5626.16406	99.1233	Triamcinolone Acetonide-D6
4	9.310	VB	0.0670	3.79931	0.0669	?
5	11.663	BB	0.0581	2.94370	0.0519	?

Totals : 5675.92511

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*** End of Report ***