

Name: 4-Hydroxy Xylazine
Lot#: GR-1-111
Test Date: 09/27/2019 (re-test date: 09/27/2024)
CAS No.: 145356-32-7
MF: C₁₂H₁₆N₂OS
MW: 236.34
Appearance: Off-white solid
Purity: 99.9% by HPLC
¹H-NMR: Conforms
MS-DART (+) Conforms (shows peak at m/z = 237.1 [M+H]⁺)
Storage Store at 2-8°C in a dry place away from direct sunlight

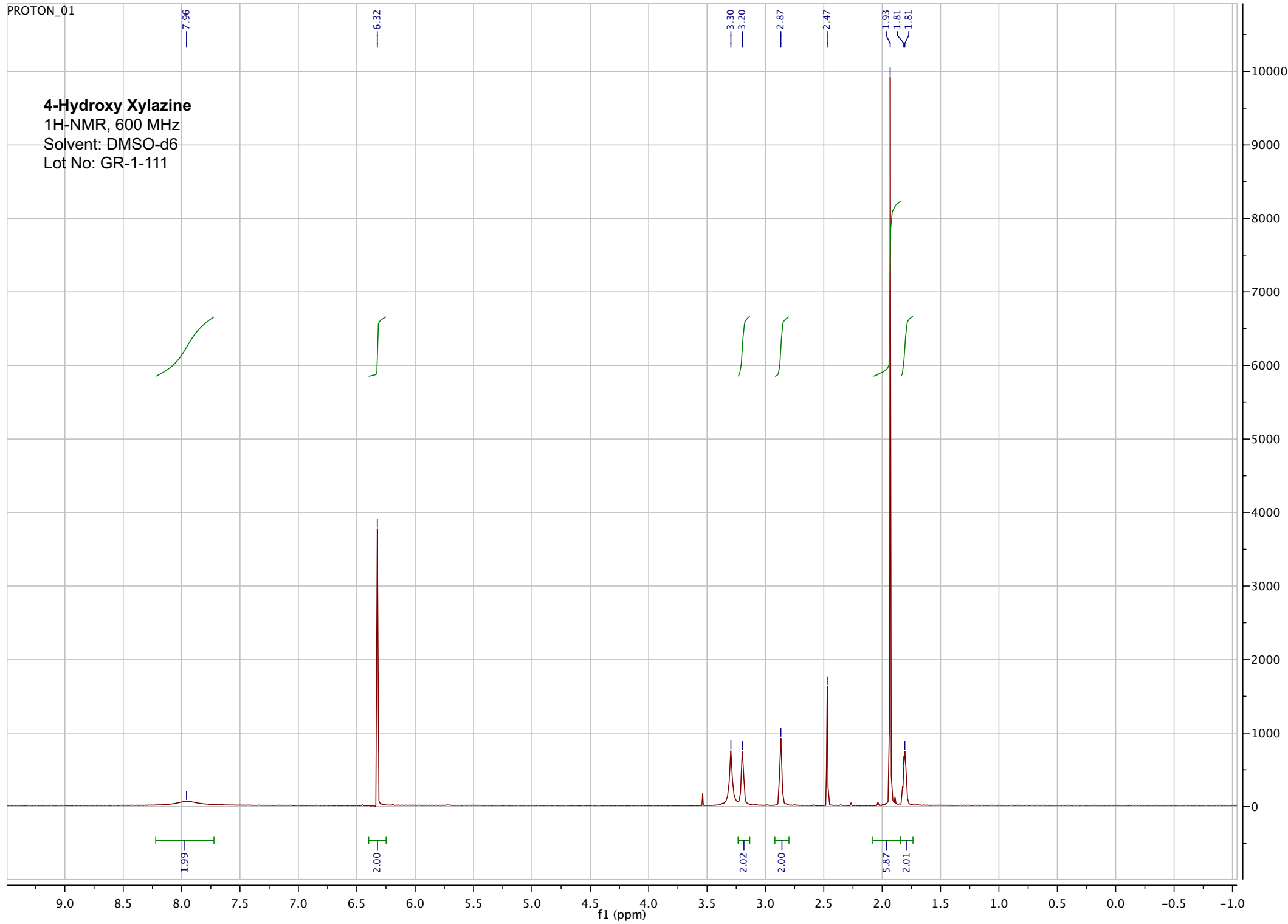
Approved by:

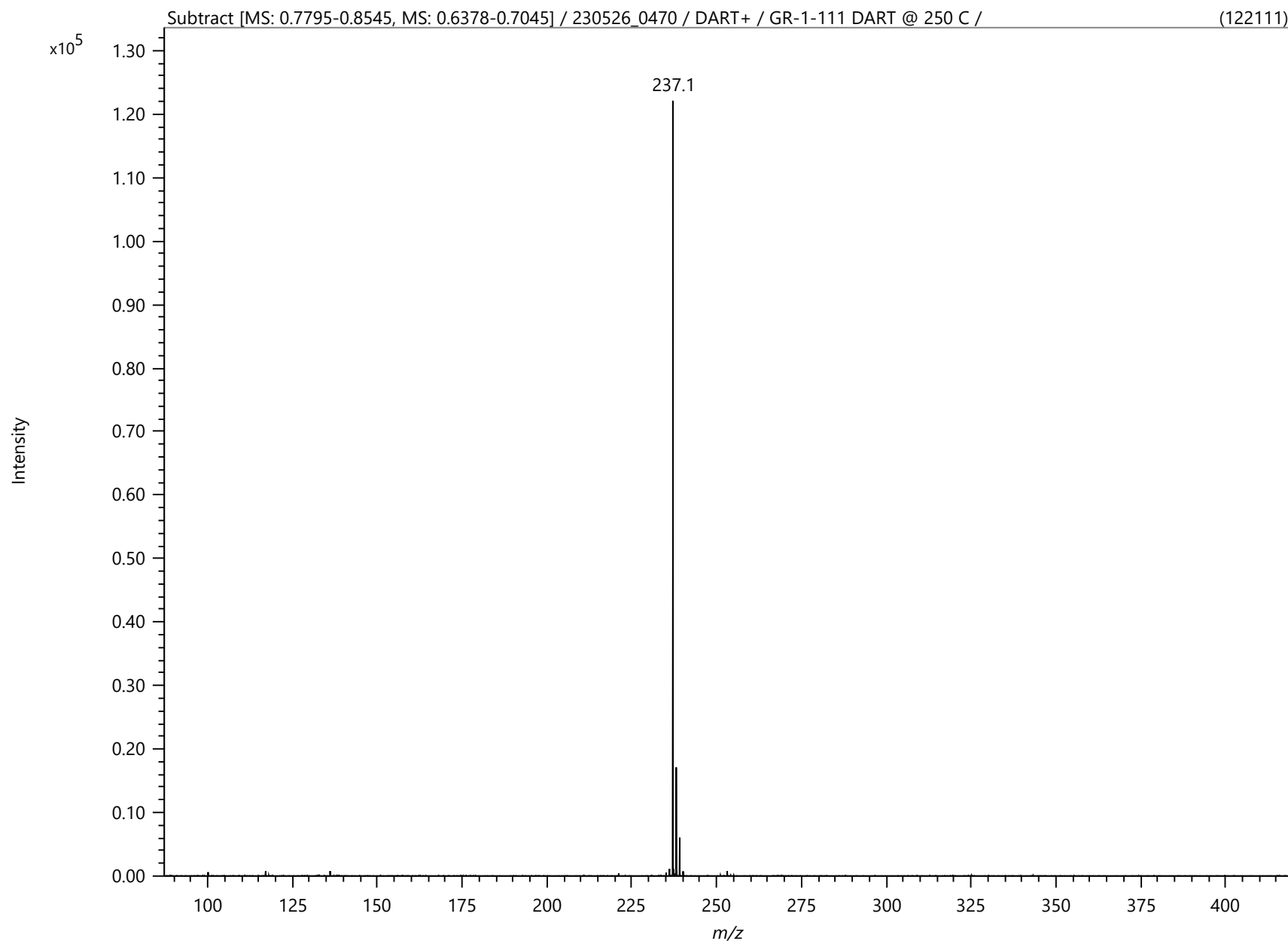
Date: 05/26/2023



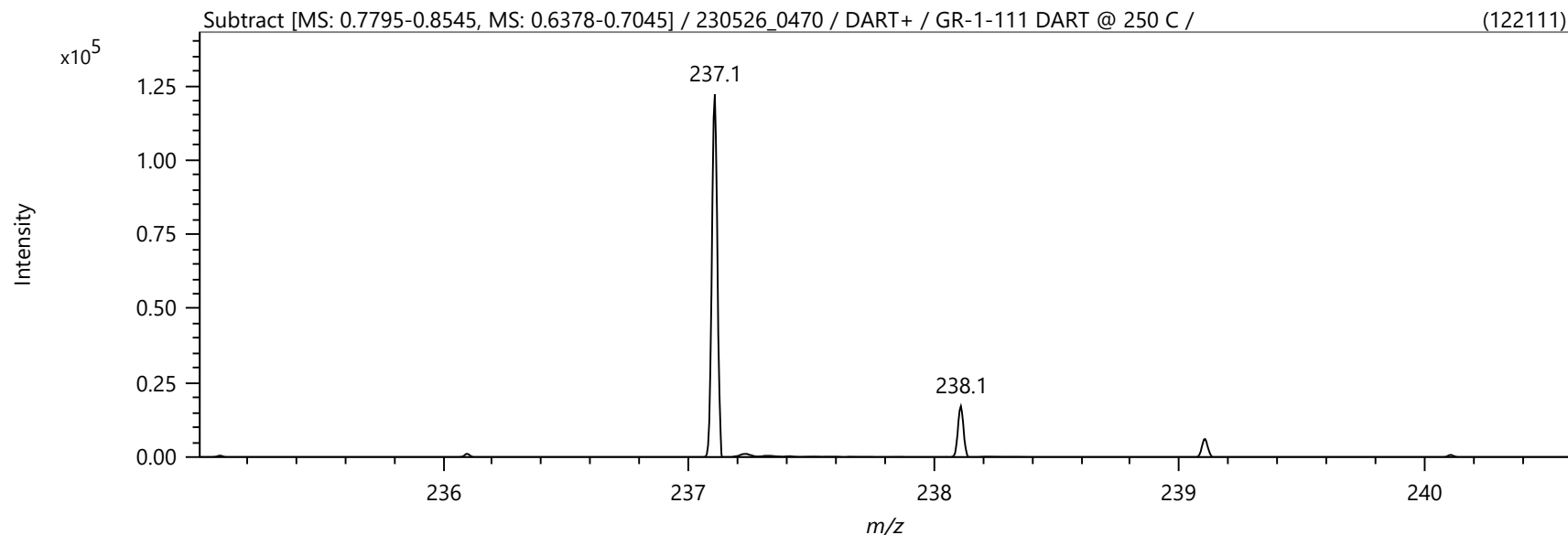
Viorica Rusu, QC/QA Manager

4-Hydroxy Xylazine
1H-NMR, 600 MHz
Solvent: DMSO-d6
Lot No: GR-1-111





Spectrum



Elemental Composition

Parameters

Tolerance: ±10.00 mDa
 Electron: Even
 Charge: +1
 DBE: -1.5 - 100.0

Elements Set 1:

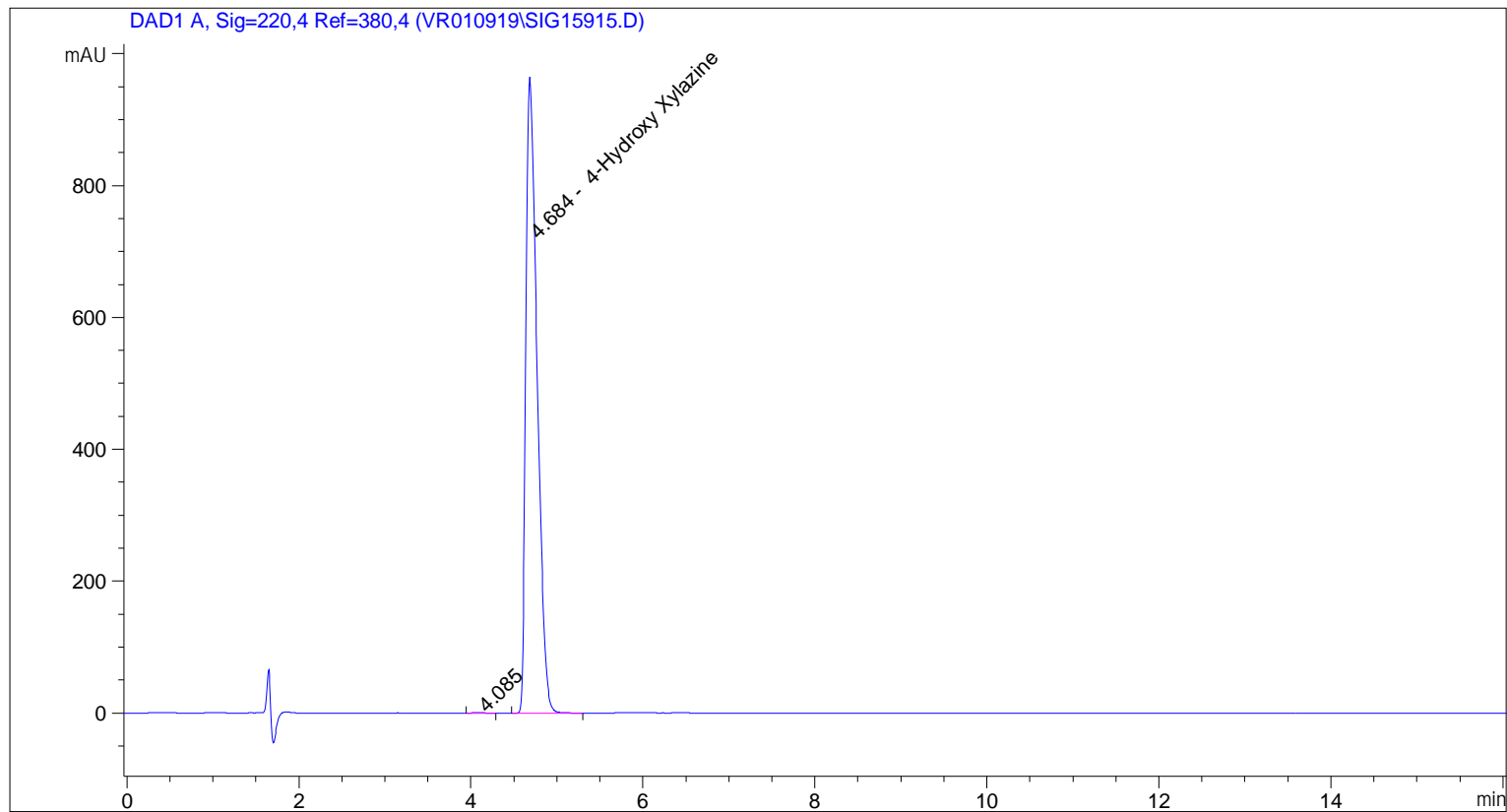
Symbol	C	H	O	N	S
Min	0	0	0	0	0
Max	100	200	20	10	1

Results

Mass	Intensity	Formula	Calculated Mass	Mass Difference [mDa]	Mass Difference [ppm]	DBE
237.10577	122110.75	C12 H17 N2 O S	237.10561	0.16	0.67	5.5
		C4 H13 N8 O4	237.10543	0.34	1.44	2.5
		C8 H17 N2 O6	237.10811	-2.34	-9.89	1.5
		C15 H13 N2 O	237.10224	3.53	14.88	10.5
		C9 H13 N6 O2	237.10945	-3.68	-15.53	6.5
		C7 H17 N4 O3 S	237.10159	4.18	17.63	1.5

Mass	Intensity	Formula	Calculated Mass	Mass Difference [mDa]	Mass Difference [ppm]	DBE
		C13 H17 O4	237.11214	-6.37	-26.85	5.5
		C3 H13 N10 O S	237.09890	6.87	28.96	2.5
		C6 H17 N6 O2 S	237.11282	-7.05	-29.74	1.5
		C10 H13 N4 O3	237.09822	7.55	31.85	6.5
		C14 H13 N4	237.11347	-7.70	-32.49	10.5
		C9 H17 O7	237.09688	8.89	37.49	1.5
		C10 H21 O4 S	237.11551	-9.74	-41.07	0.5

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Acq. Operator : vrusu
Acq. Instrument : Instrument 1 Location : Vial 88
Injection Date : 9/27/2019 8:22:28 AM Inj Volume : 5.0 µl
Acq. Method : C:\CHEM32\1\METHODS\VR092719_111.M
Last changed : 9/27/2019 8:21:25 AM by vrusu
Analysis Method : C:\CHEM32\1\METHODS\VR092719_111PM.M
Last changed : 9/27/2019 9:54:16 AM by vrusu



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Area Percent Report
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Sorted By : Signal
Calib. Data Modified : 9/27/2019 9:53:33 AM
Multiplier: : 1.0000
Dilution: : 1.0000
Use Multiplier & Dilution Factor with ISTDs

Signal 1: DAD1 A, Sig=220,4 Ref=380,4

Peak #	RetTime [min]	Type	Width [min]	Area [mAU*s]	Area %	Name
1	4.085	BB	0.1342	9.27982	0.1050	?
2	4.684	BB	0.1427	8830.82031	99.8950	4-Hydroxy Xylazine

Totals : 8840.10014

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*** End of Report ***