



CHEMICAL ANALYSIS TEST REPORT

Laboratory: Nectar Spectra Laboratories
Location: Barcelona, Spain
Contact: office@nectarspectralabs.com

We hereby certify that:

The test(s) shown below were conducted according to industry standard procedures, using verified reference standards and calibrated instruments. We vouch for the accuracy of these results. Nevertheless we cannot rule out the presence of other minor/trace compounds below the limit of detection of our instruments.

We do not guarantee the safety of consumption of any product, and do not vouch for suppliers of products tested by us, nor for batches. We provide results for scientific and informational purposes on the samples we tested.

Sample Purchase ID	P526
Sample Lab ID	L737
Sample ALIAS	mdma chill
Date of sample reception	25-Jun-2026
Date of report	02-Jul-2026
Techniques used:	FTIR + HPLC-DAD + NMR
Report by (technician ID)	F2503
Expected substance	mdma

RESULTS:

MDMA HCl (racemic 50:50 S:R) 90.1%

Lab comments:

Quantification is an average of HPLC and NMR analyses

Sample: L737 - Expected: MDMA

Result: MDMA HCl 90%

Internal standard: Calcium formate

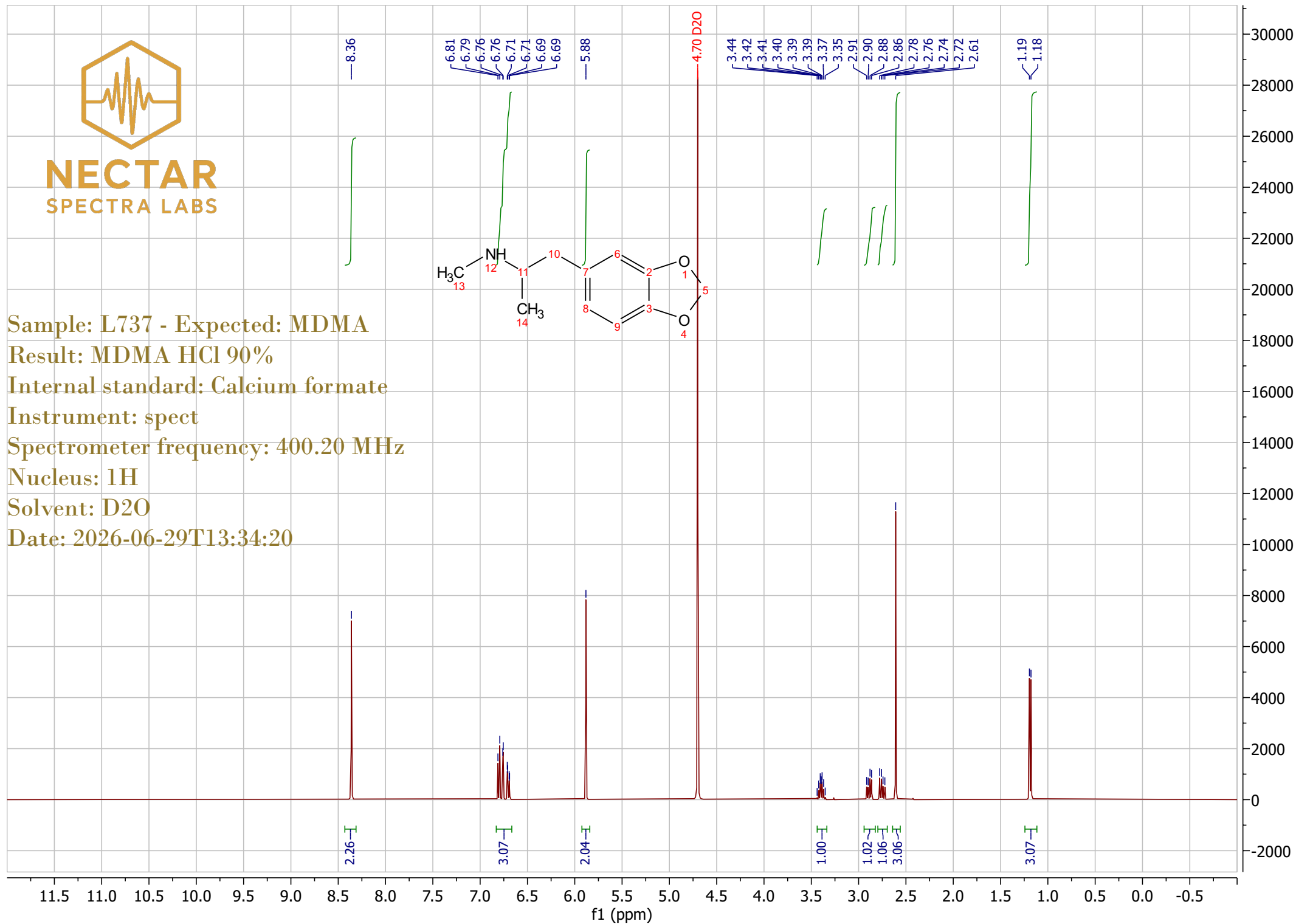
Instrument: spect

Spectrometer frequency: 400.20 MHz

Nucleus: ^1H

Solvent: D2O

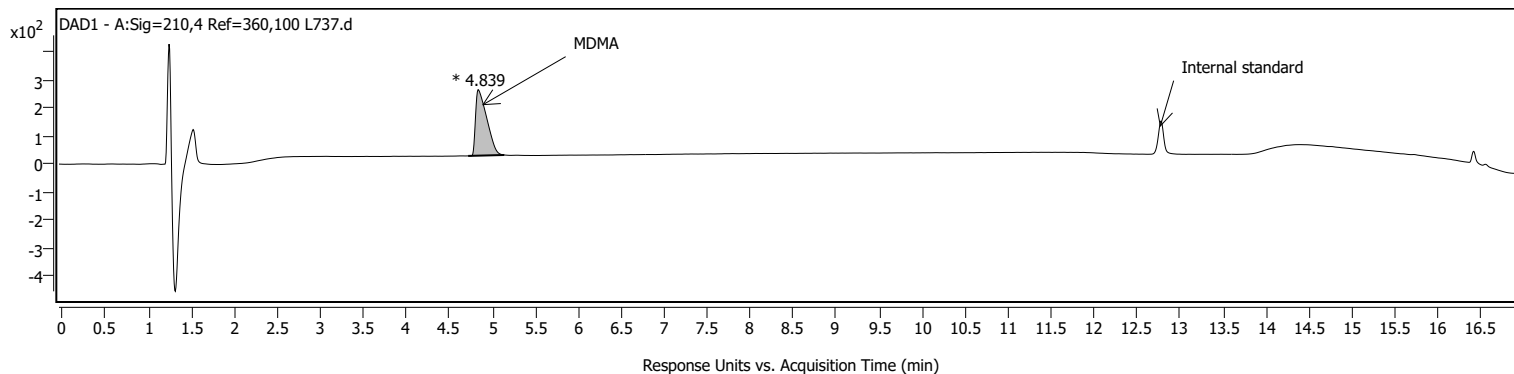
Date: 2026-06-29T13:34:20



Sample Information

Name	L737	Data File Path	Y:\TranslatedMasshunterHPLC\L717aL766plusSR17018\L737.d
Sample ID		Acq. Time (Local)	6/8/2026 9:52:16 PM (UTC+02:00)
Instrument	HPLC1100	Method Path (Acq)	0 A XTRALONGAPR2026NECTARSPECTRA.M
MS Type		Version (Acq SW)	
Inj. Vol. (ul)	5	IRM Status	
Position	Vial 11	Method Path (DA)	
Plate Pos.		Target Source Path	
Operator	NectarSpectra1	Result Summary	

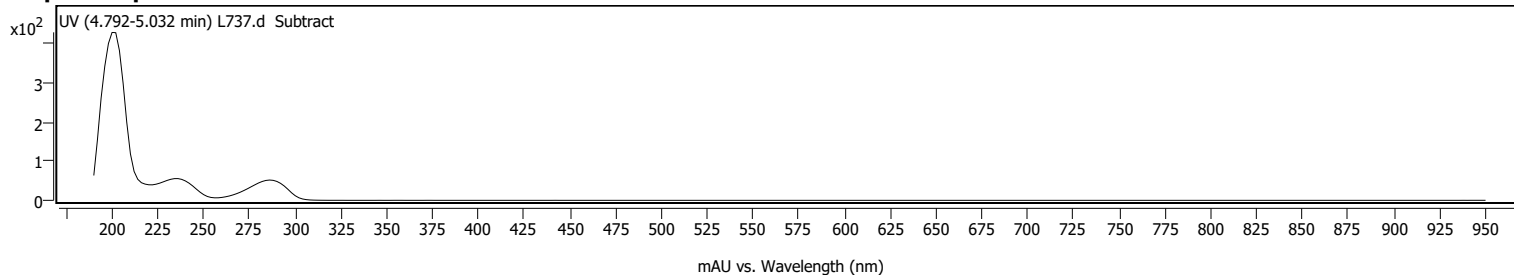
Sample Chromatograms



Chromatogram Peaks

Peak	Start	RT	End	Height	Area	Area %	Label
1	4.719	4.839	5.139	236	2129	100.00	

Sample UV Spectra



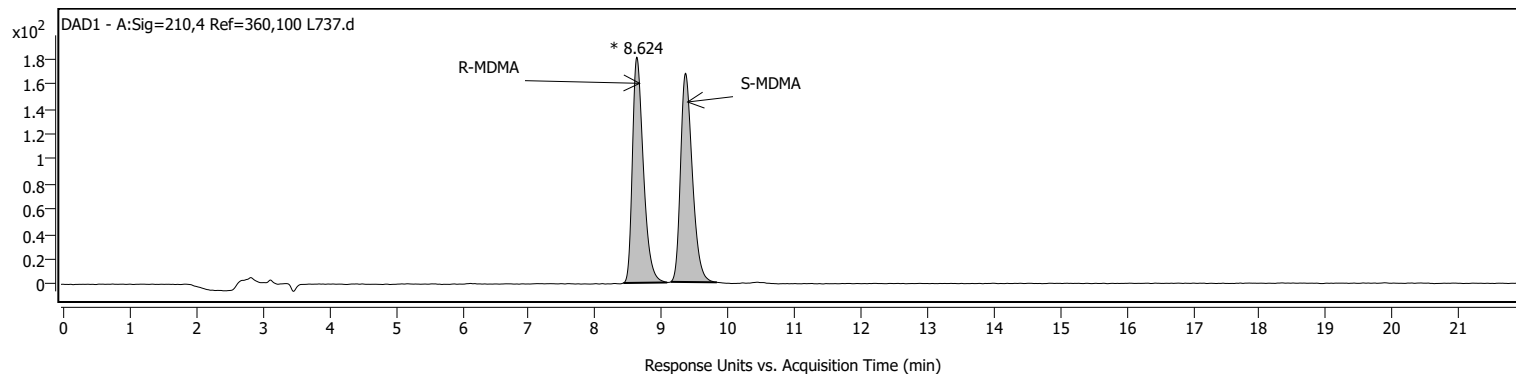
MassHunter Qual 10.0
(End of Report)

Sample Information

Name L737
Sample ID
Instrument HPLC1100
MS Type
Inj. Vol. (ul) 1
Position Vial 61
Plate Pos.
Operator NectarSpectra1

Data File Path Y:\TranslatedMasshunterHPLC\CHIRAL\07july26\L737.d
Acq. Time (Local) 6/28/2026 9:37:49 PM (UTC+02:00)
Method Path (Acq) 0 A CHIRAL.M
Version (Acq SW)
IRM Status
Method Path (DA)
Target Source Path
Result Summary

Sample Chromatograms



Chromatogram Peaks

Peak	Start	RT	End	Height	Area	Area %	Label
1	8.424	8.624	9.084	180	2063	100.00	
2	9.137	9.357	9.830	166	2056	99.63	

MassHunter Qual 10.0
(End of Report)

Batch Data Path File Name C:\Users\office\Documents\TLConscious\LAB\QUANTIFICATION FILES FOR MASSHUNTER\MREF1 - MDMA
MDA Caffeine 2C-B is2\MREF1is2FINAL\QuantResults\MREF1is2FINALFINAL.batch.bin

Analysis Time Stamp 7/2/2026 8:43:43 PM **Analyst Name** NECTAR\office

Report Generation Time 7/2/2026 8:44:00 PM **Report Generator Name** NECTAR\office

Calibration Last Update 7/2/2026 8:43:42 PM **Batch State** Processed

Analyze Quant Version B.09.00 **Report Quant Version** B.09.00

Acq. Date-Time 6/8/2026 9:52:16 PM **Data File** L737.d

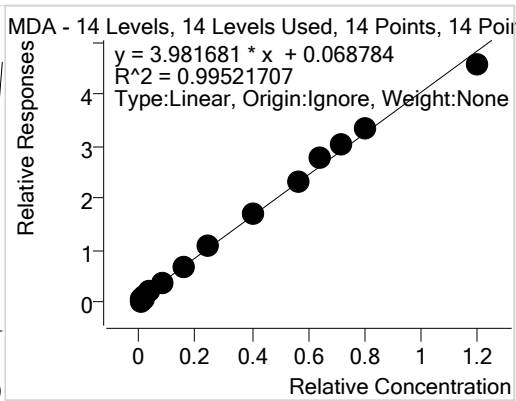
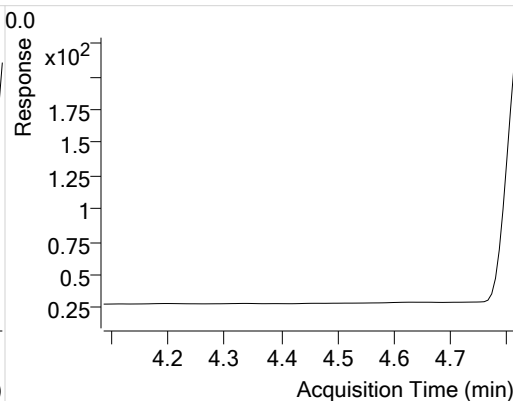
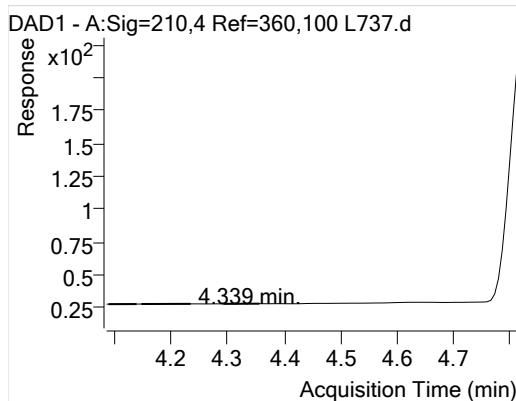
Type Sample **Name** L737

Dil. 1 **Acq. Method File** 0 A
XTRALONGAPR2026NECTARSPECTRA.M

Name	ISTD	RT	Resp.	ISTD Resp.	RR	Final Conc. Units	Ratio
MDA	Internal Standard	4.339	0	535	0.0007	0.0000 %	
MDMA	Internal Standard	4.839	2164	535	4.0423	90.2270 %	
Caffeine	Internal Standard	5.145	0	535	0.0000	ND %	
2C-B	Internal Standard	6.985	0	535	0.0000	0.0000 %	

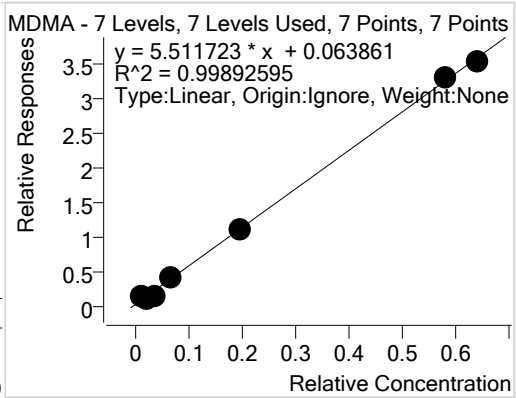
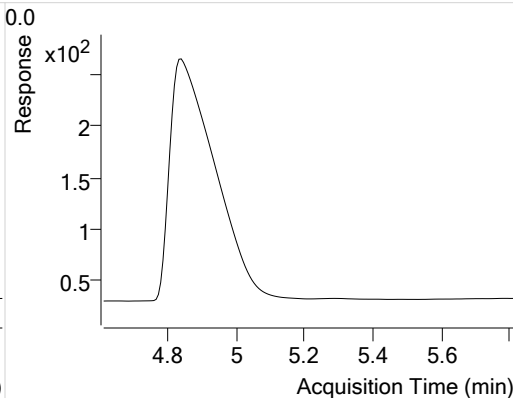
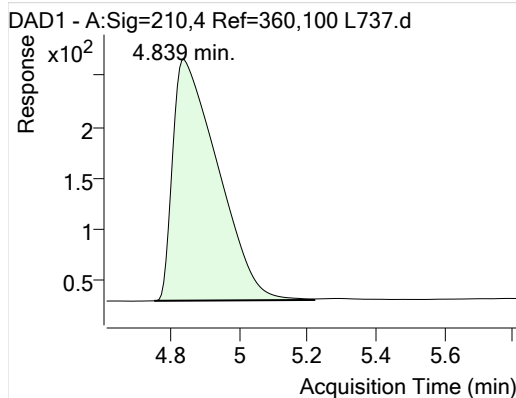
MDA

DAD1 - A:Sig=210,4 Ref=360,100 L737.d



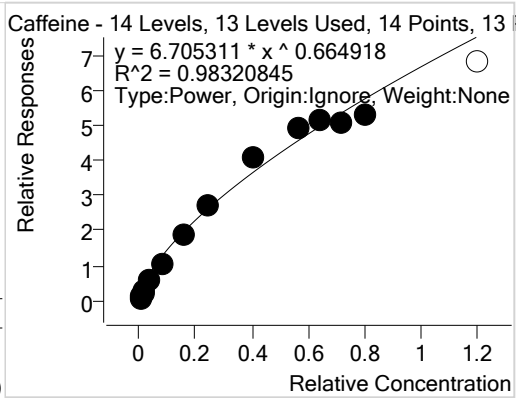
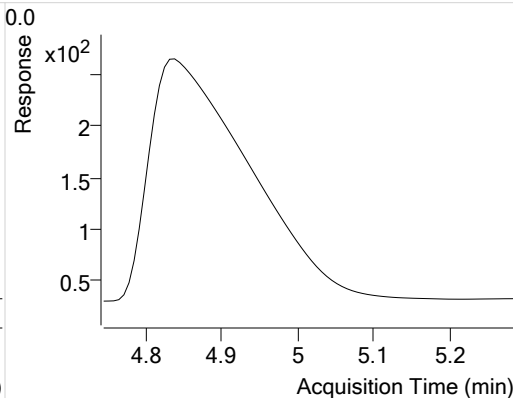
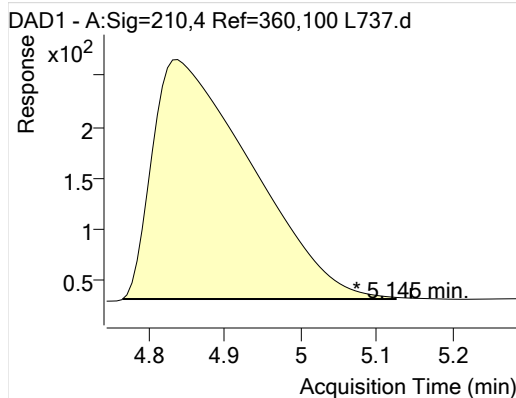
MDMA

DAD1 - A:Sig=210,4 Ref=360,100 L737.d



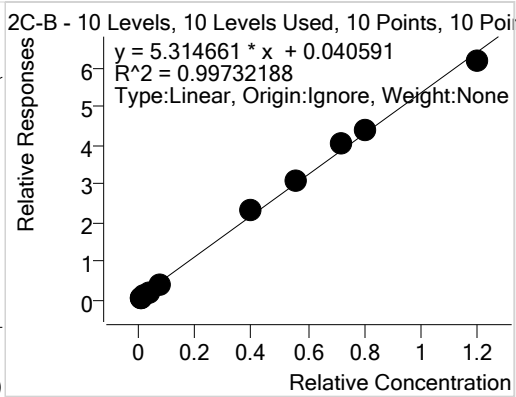
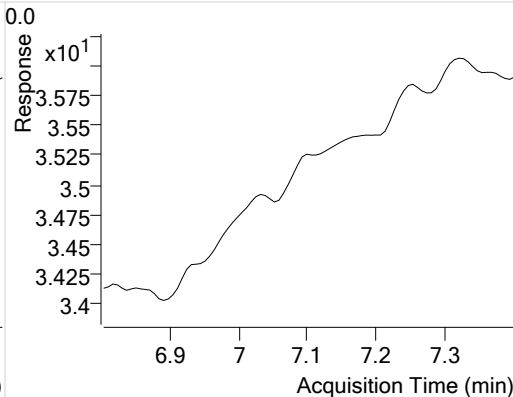
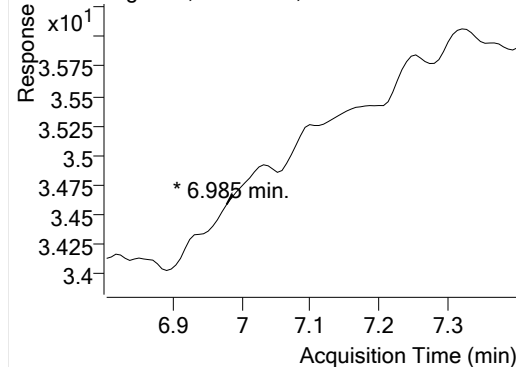
Caffeine

DAD1 - A:Sig=210,4 Ref=360,100 L737.d



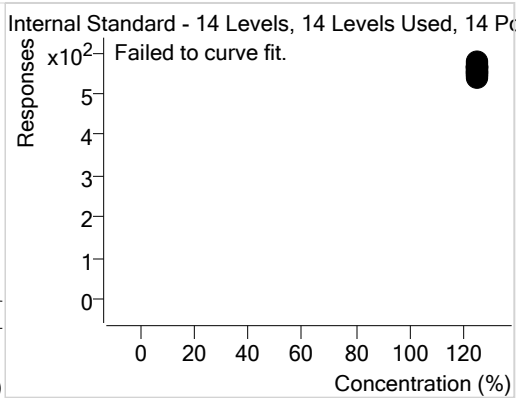
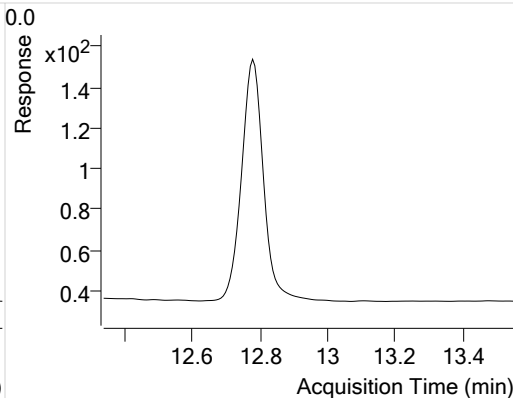
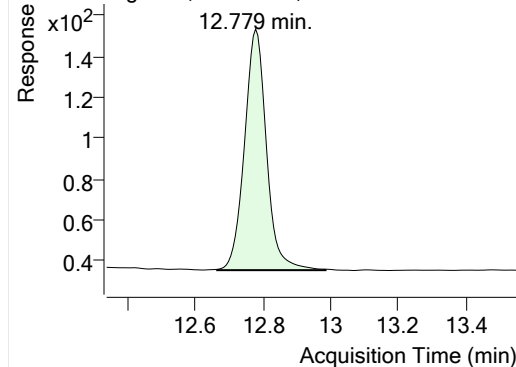
2C-B

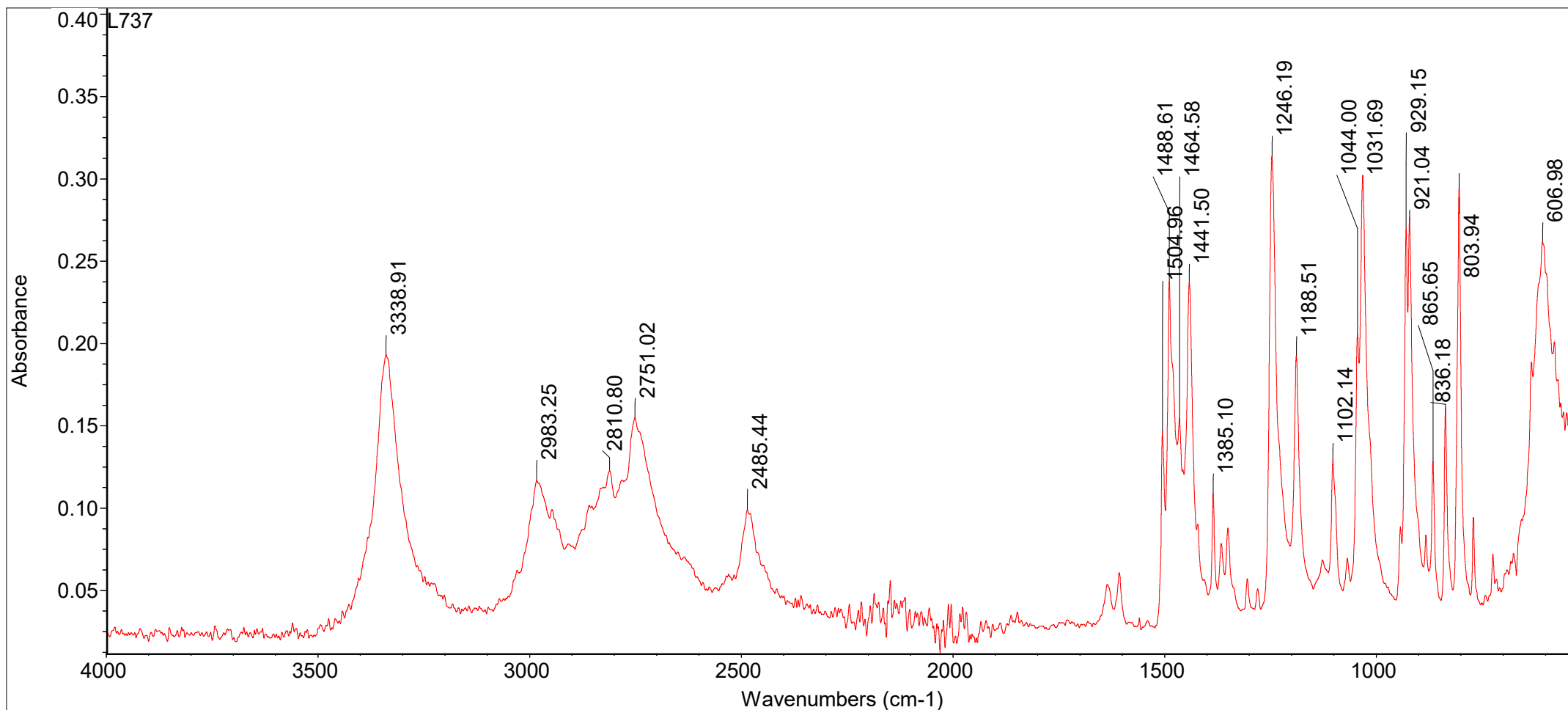
DAD1 - A: Sig=210,4 Ref=360,100 L737.d



Internal Standard

DAD1 - A: Sig=210,4 Ref=360,100 L737.d





Thu Jun 25 11:57:22 2026 (GMT+02:00)

FIND PEAKS:

Spectrum: L737
Region: 4000.12 525.03
Absolute threshold: 0.099
Sensitivity: 50
Peak list:

Position:	606.98	Intensity:	0.262
Position:	803.94	Intensity:	0.294
Position:	836.18	Intensity:	0.161
Position:	865.65	Intensity:	0.129
Position:	921.04	Intensity:	0.277
Position:	929.15	Intensity:	0.270
Position:	1031.69	Intensity:	0.302

Position:	1044.00	Intensity:	0.206
Position:	1102.14	Intensity:	0.129
Position:	1188.51	Intensity:	0.192
Position:	1246.19	Intensity:	0.314
Position:	1385.10	Intensity:	0.109
Position:	1441.50	Intensity:	0.238
Position:	1464.58	Intensity:	0.155
Position:	1488.61	Intensity:	0.238
Position:	1504.96	Intensity:	0.146
Position:	2485.44	Intensity:	0.0988
Position:	2751.02	Intensity:	0.155
Position:	2810.80	Intensity:	0.123
Position:	2983.25	Intensity:	0.117
Position:	3338.91	Intensity:	0.193

P526.

Bonsai