



TEST REPORT

E: contact@tjqxgd.com

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50AM-20260908S6179

Sample Received: 2026-09-08

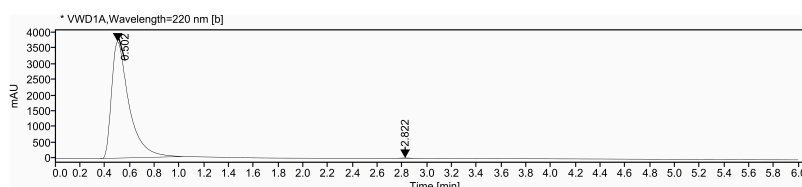
Authentication Code:

Analysis date: 2026-09-08



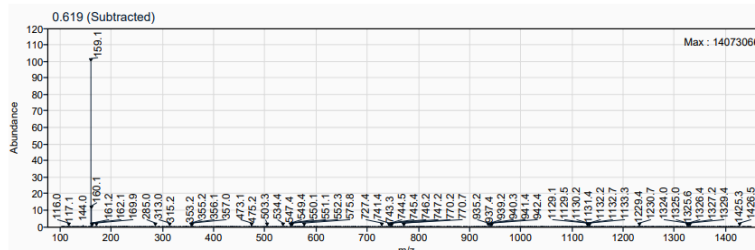
Compound	50AM/5-amino-1MQ	CAS Number	42464-96-0
Formula	C ₁₀ H ₁₁ N ₂	Molecular Weight	286.11/159.09 (Free)
Batch Number	5828704		
Manufacturer	https://pllaboratory.com Telegram: @Factory_Global		

HPLC-MS Details:



Signal: * VWD1A, Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
0.502	MM m	0.6860	36258.5317	3713.4957	99.8500
2.822	BB	0.2533	54.4543	10.3919	0.1500
Sum			36312.9860		



Result:

Test Items	Specification	Results
Appearance	Reddish orange powder	Reddish orange powder
Purity (LCMS/HPLC)	≥ 99.0%	99.85%
Mass Spectrum	Conforms to [M] ⁺	Detected
Peptide Weight	48.92 mg	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

重要声明 / Important Notice

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LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: 50AM.dx

Sample name: 50AM

Instrument: LCMS

Inj. volume: 5.000 μ L

Acq. method: LCMS-02AB.amx

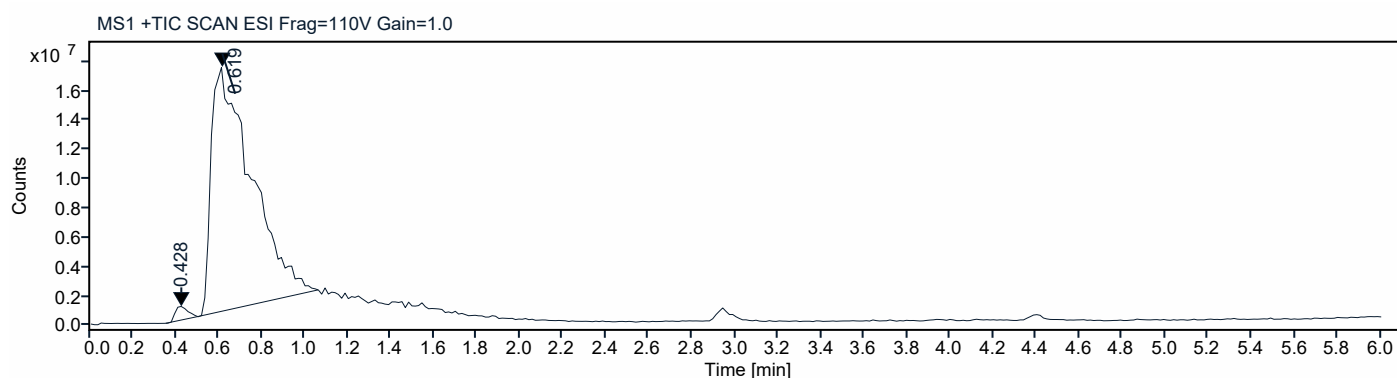
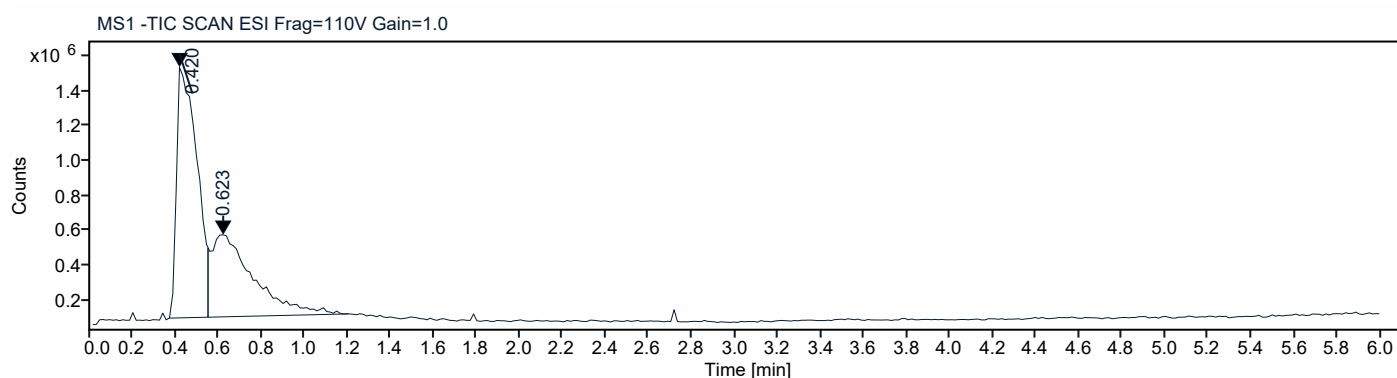
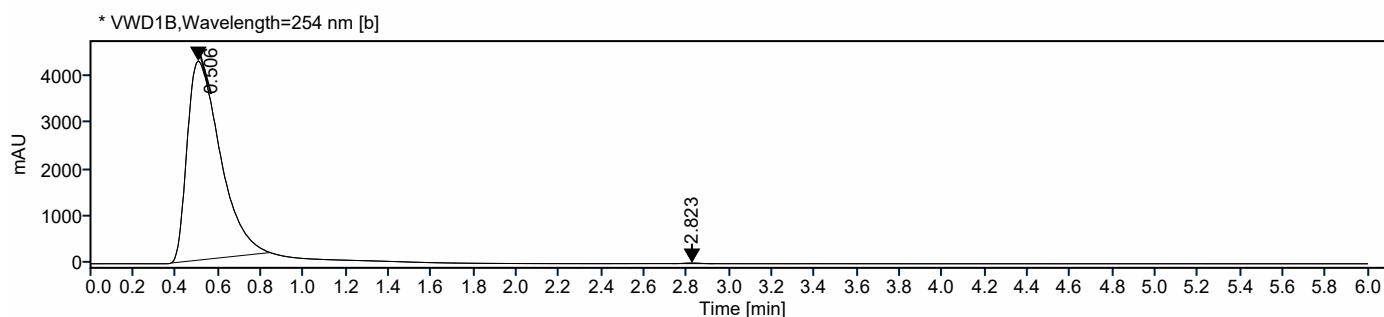
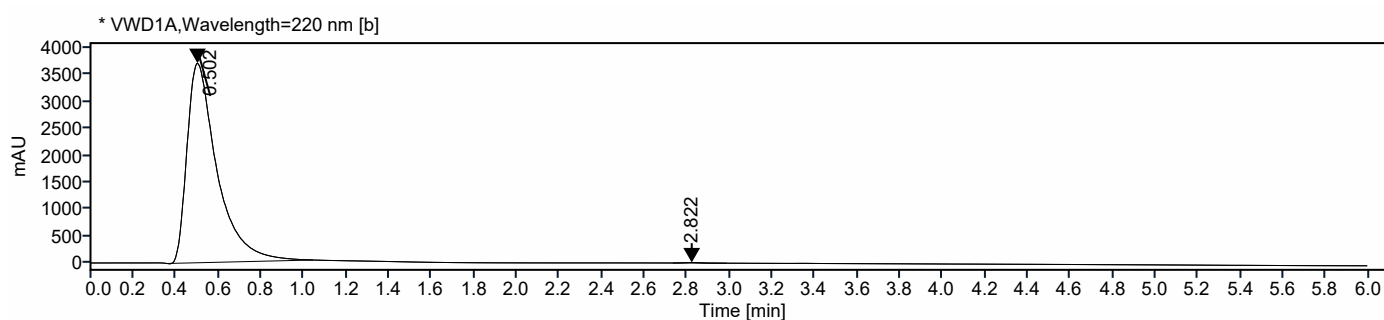
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-09-08 13:27:41+08:00

Location: P1-F4



Signal: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
0.428	MM m	0.1575	3691783.70 74	926211.4298	1.6692
0.619	MM m	0.5501	217481028.9 392	16669438.80 26	98.3308
Sum			221172812.6 466		

Signal: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

RT [min]	Type	Width [min]	Area	Height	Area%
0.420	MM m	0.1801	9348781.61 82	1435809.61 99	59.0839
0.623	MM m	0.6528	6474109.57 81	469834.4474	40.9161
Sum			15822891.19 63		

Signal: * VWD1A,Wavelength=220 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
0.502	MM m	0.6860	36258.5317	3713.4957	99.8500
2.822	BB	0.2533	54.4543	10.3919	0.1500
Sum			36312.9860		

Signal: * VWD1B,Wavelength=254 nm [b]

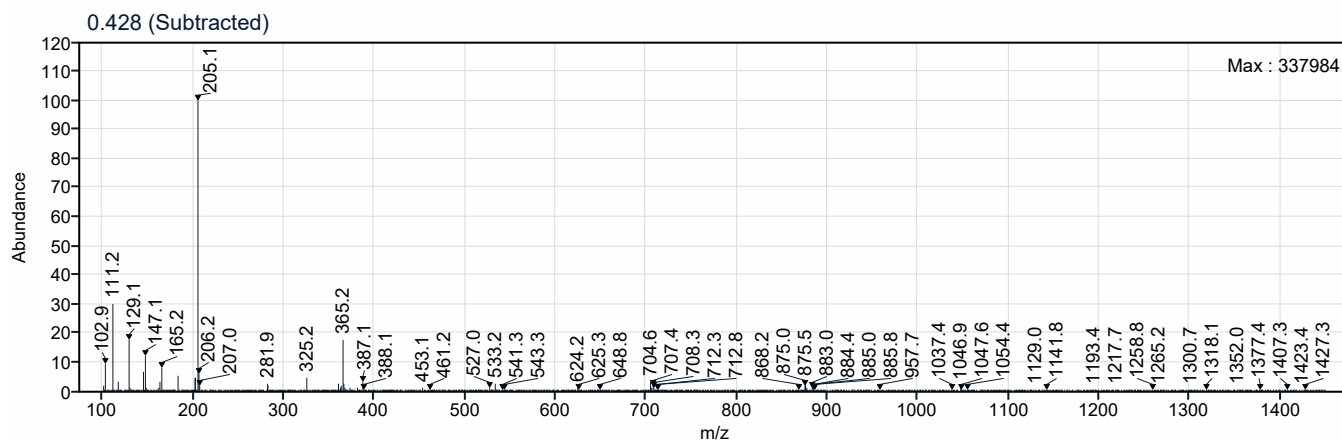
RT [min]	Type	Width [min]	Area	Height	Area%
0.506	MM m	0.4648	45709.0660	4251.9351	99.8706
2.823	MM m	0.1986	59.2132	11.6697	0.1294
Sum			45768.2792		

Peak Details (Area Percent at least 1%)

Signal Description: MS1 +TIC SCAN ESI Frag=110V Gain=1.0

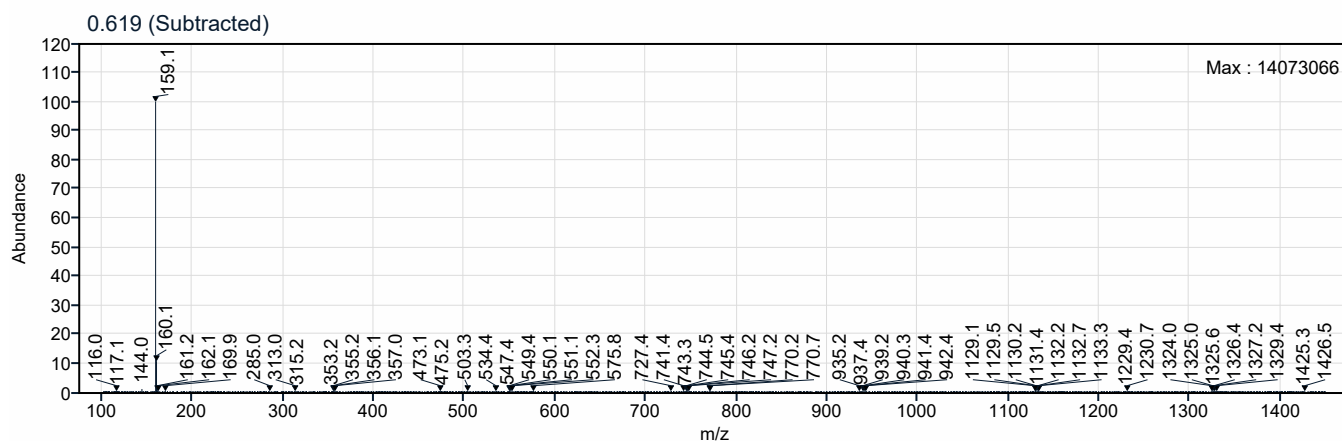
Peak RT: 0.428 min

Area %: 1.67%



Peak RT: 0.619 min

Area %: 98.33%



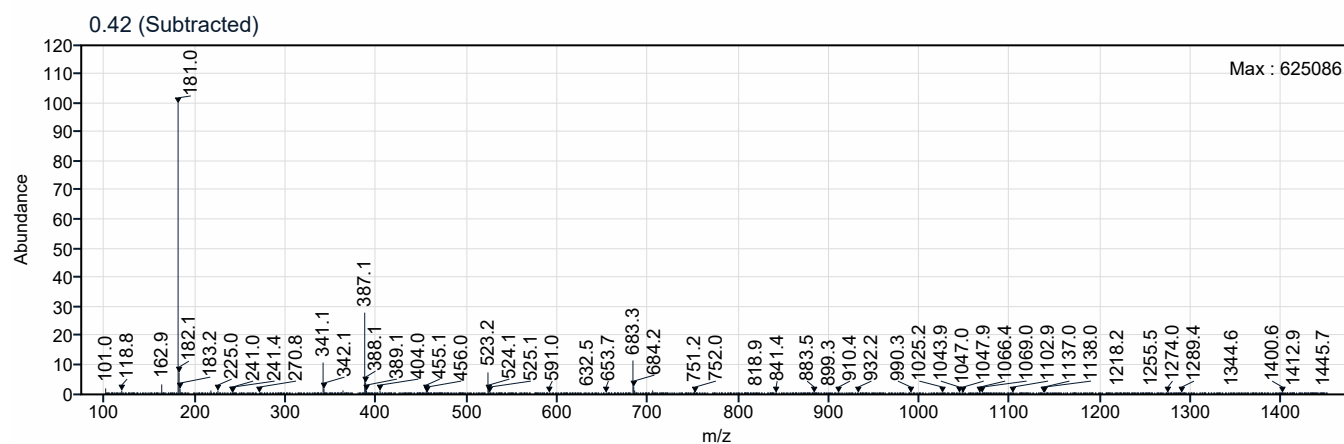
LCMS Sample Purity - Detailed Report



Signal Description: MS1 -TIC SCAN ESI Frag=110V Gain=1.0

Peak RT: 0.420 min

Area %: 59.08%



Peak RT: 0.623 min

Area %: 40.92%

