TEST REPORT

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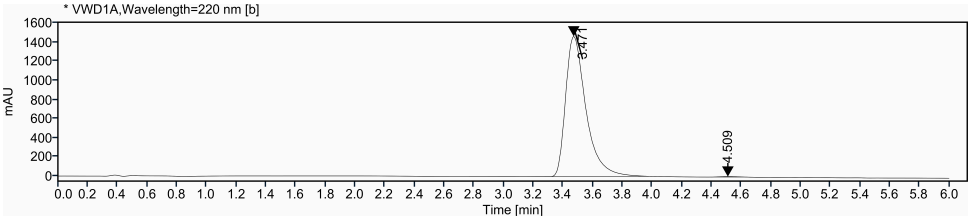
MS10-20260917S8803 **Sample Received: 2026-09-17**

Authentication Code: **Analysis date: 2026-09-18**

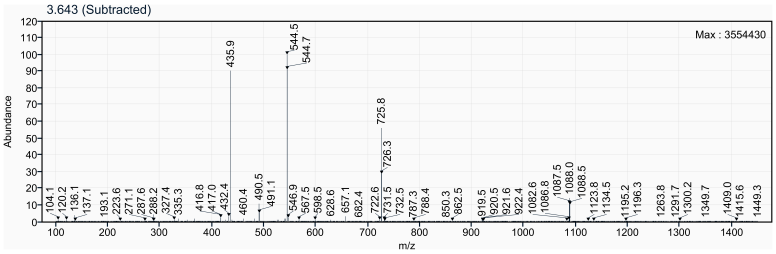
Compound	MS10/Mots-C	CAS Number	1627580-64-6
Formula	$C_{101}H_{152}N_{28}O_{22}S_2$	Molecular Weight	2174.6
Manufacturer	N/A		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
3.471	MM m	0.6995	13961.8844	1468.7511	99.7212
4.509	MM m	0.2392	39.0401	4.8316	0.2788
	Sum		**14000.9246**		



Result:

Test Items	Specification	Results
Appearance	White to off-white powder	White powder
Purity (LCMS/HPLC)	≥ 99.0%	99.72%
Mass Spectrum	Conforms to $[M+5/4/3/2]^{5/4/3/2+}$	Detected
Net Content	11.45 mg	

Peng Gao, Data Compilation Zhibo Li, Technical Review

重要声明 / Important Notice

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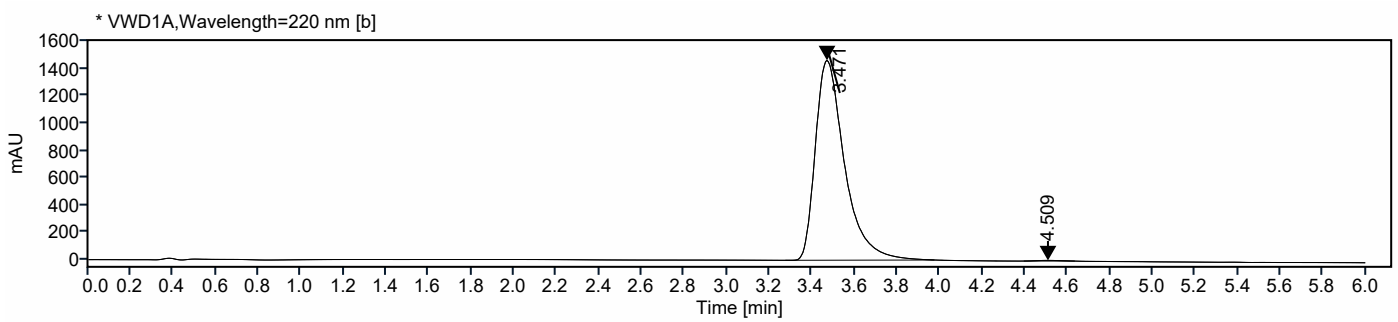
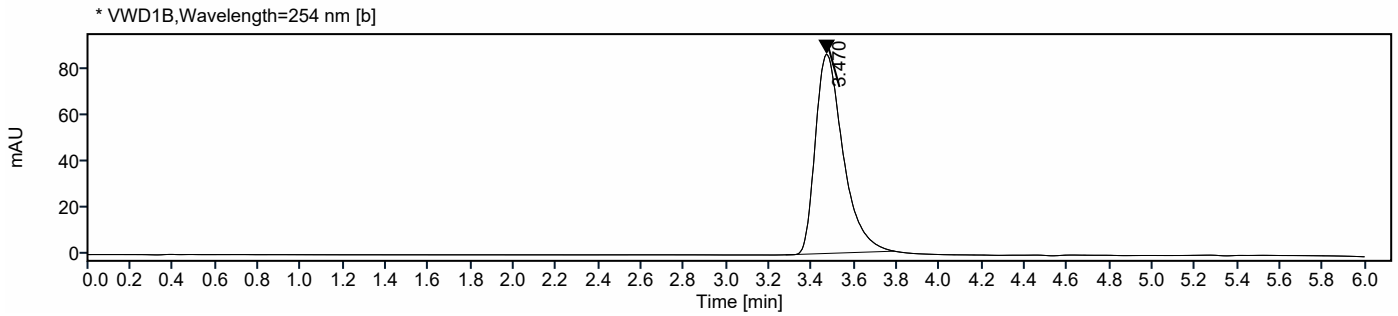
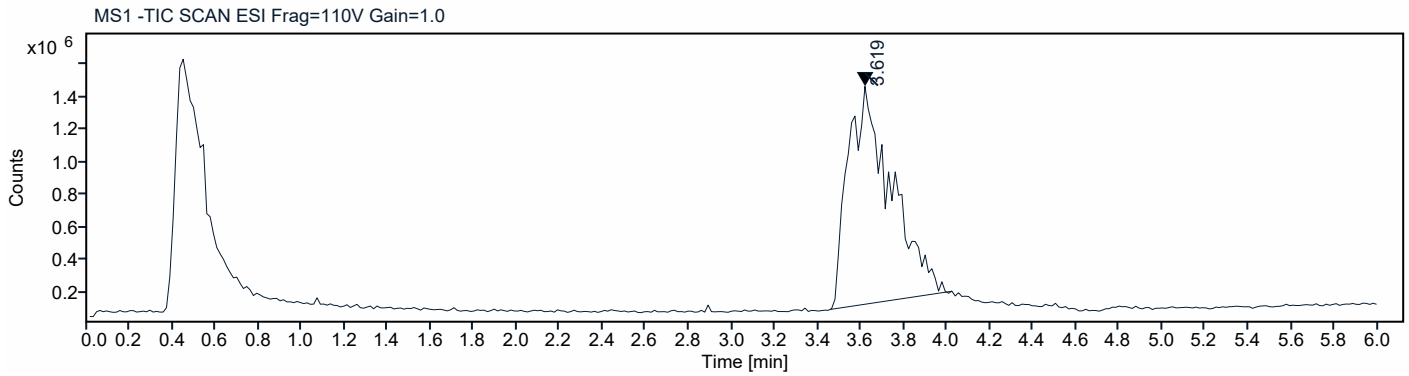
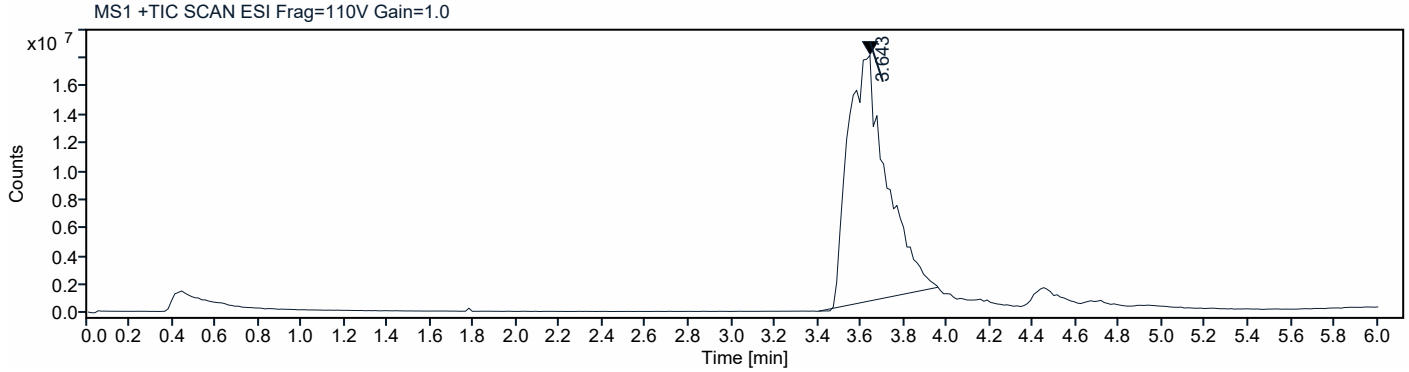
LCMS Sample Purity - Detailed Report

Result set name:	SingleSample		
Data file:	MS10.dx	**Project name:**	2026
Sample name:	MS10	**Operator:**	admin
Instrument:	LCMS	**Acquired on:**	2026-09-18 16:26:45+08:00
Inj. volume:	5.000 µL	**Location:**	P1-E3
Acq. method:	LCMS-02AB.amx		
Processing method:	LCMS-LJJ.pmx		









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

RT [min]	Type	Width [min]	Area	Height	Area%
3.643	MM m	0.5553	218234500.7689	17328547.2903	100.0000
		Sum	**218234500.7689**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.619	MM m	0.5673	18781452.6724	1341018.5360	100.0000
		Sum	**18781452.6724**		

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

RT [min]	Type	Width [min]	Area	Height	Area%
3.471	MM m	0.6995	13961.8844	1468.7511	99.7212
4.509	MM m	0.2392	39.0401	4.8316	0.2788
		Sum	**14000.9246**		

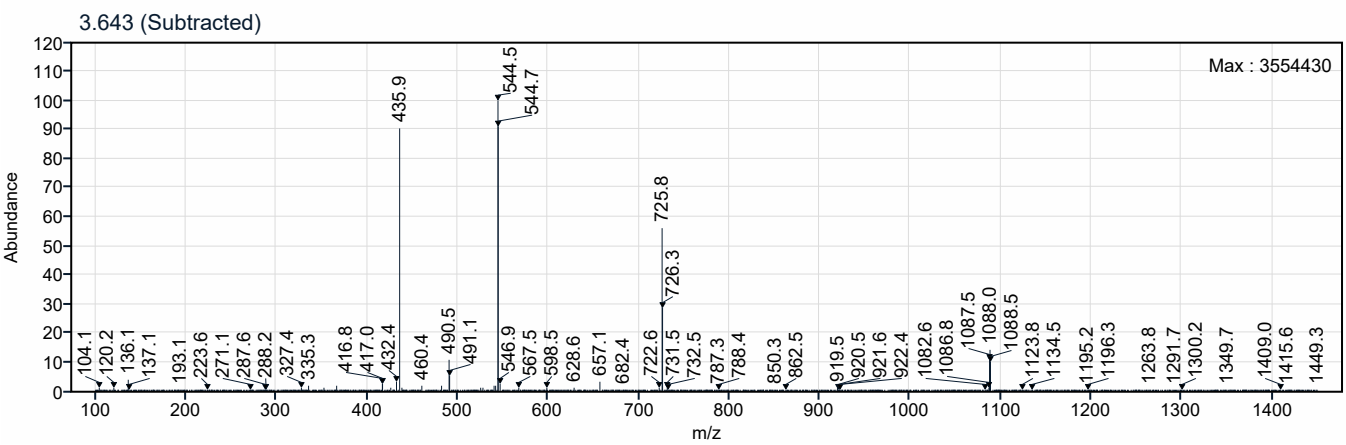
Signal: * VWD1B,Wavelength=254 nm [b]

RT [min]	Type	Width [min]	Area	Height	Area%
3.470	MM m	0.5100	778.2406	86.0245	100.0000
		Sum	**778.2406**		

Peak Details (Area Percent at least 1%)

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

Peak RT: 3.643 min **Area %:** 100.00%



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

Peak RT: 3.619 min **Area %:** 100.00%

