



TEST REPORT

E: contact@tjxgd.com

W: www.tjxgd.com

KL80-20261013S3016

Sample Received: 2026-10-13

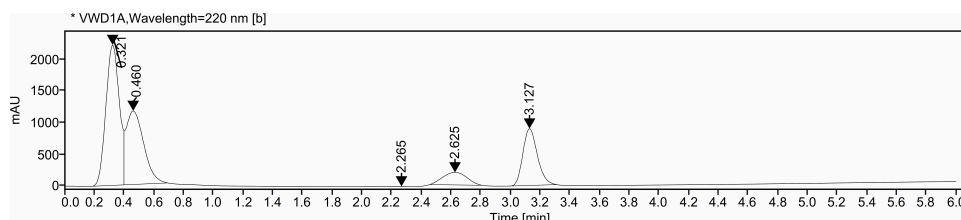
Authentication Code:

Analysis date: 2026-10-14



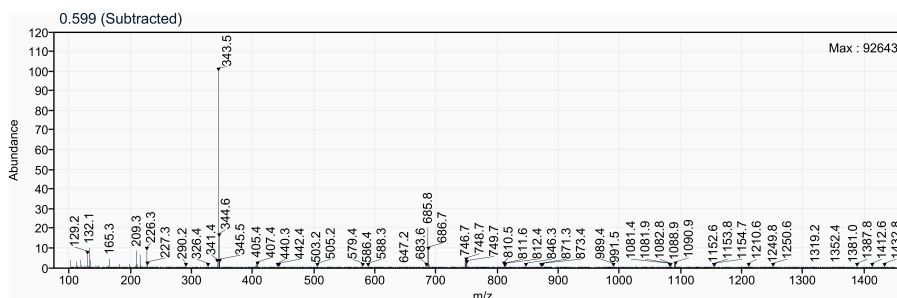
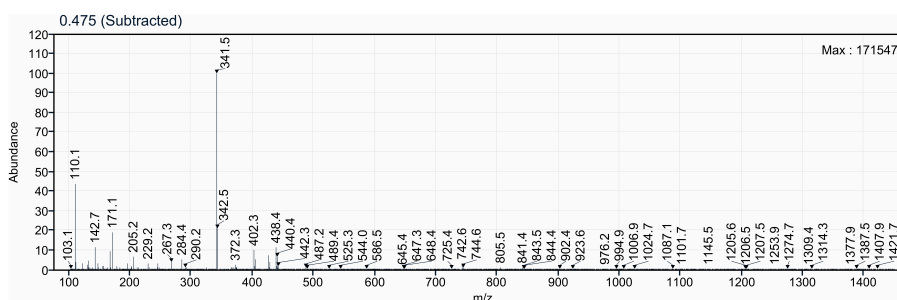
Compound	KL80/(GHK-Cu& KPV&TB500&BPC157)	CAS Number	N/A
Formula	N/A	Molecular Weight	340.38(Free)/342.44/ 889.01/1419.5
Batch Number	KLOW202641		
Manufacturer	Yili Peptide https://yilipeptide.com/		

HPLC-MS Details:



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.321	MM m	0.2174	13886.5201	2217.8165	43.6978
0.460	MM m	0.2941	9590.0778	1162.2983	30.1778
2.265	MB n	0.1722	1.1097	0.1718	0.0035
2.625	MM m	0.3538	2224.5913	197.9415	7.0003
3.127	BM m	0.3302	6076.2710	898.1984	19.1207
Sum			31778.5701		



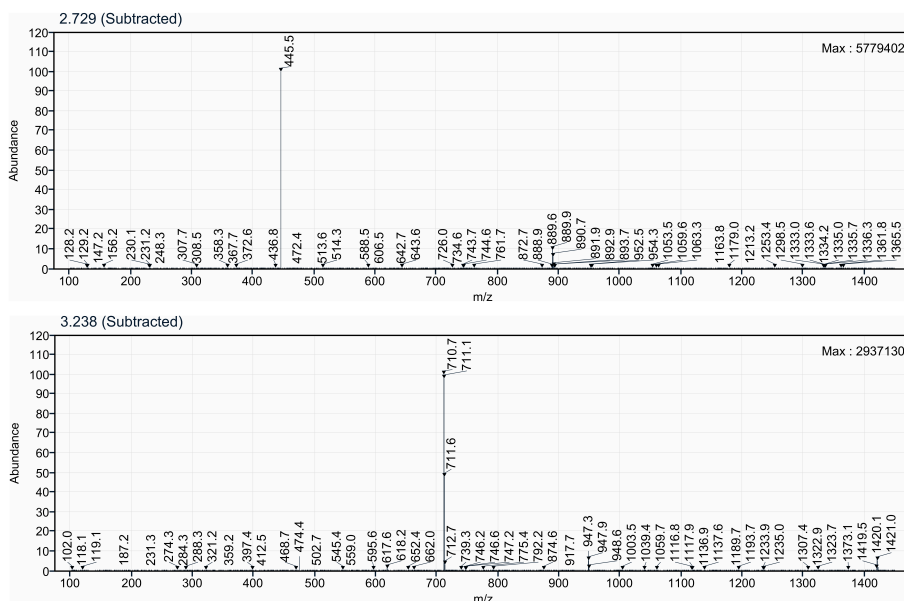
This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It shall not be used for regulatory submissions, litigation evidence, or any other purpose requiring legally accredited documentation. The related products are intended for scientific research use only and have not been approved for human or veterinary use, diagnosis, treatment, or clinical application. Results should be interpreted by qualified professionals within the intended scope of research.



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Result:

Test Items	Specification	Results
Appearance	Blue powder	Blue powder
Purity (LCMS/HPLC)	≥ 99.0%	99.9%(Combination purity)
Mass Spectrum	Conforms to [M+H] ⁺ (GHK-Cu) ; [M+H] ⁺ (KPV); [M+H] ⁺ , [M+2H] ²⁺ (TB500); [M+2H] ²⁺ (BPC);	Detected
Endotoxin (USP <85>)	< 1 EU/mg	0.205 EU/mg, PASS
Net Content	48.09 mg (GHK-Cu); 10.87 mg (KPV); 10.79 mg (TB500); 11.6 mg (BPC157)	

Peng Gao

Zhibo Li

Peng Gao, Data Compilation

Zhibo Li, Technical Review

This test data is provided by a third-party partner laboratory; our company is responsible for data compilation, review, and issuance of the document. Neither our company nor the partner testing laboratory holds CMA/CNAS accreditation, and this document does not carry legal certification validity. It shall not be used for regulatory submissions, litigation evidence, or any other purpose requiring legally accredited documentation. The related products are intended for scientific research use only and have not been approved for human or veterinary use, diagnosis, treatment, or clinical application. Results should be interpreted by qualified professionals within the intended scope of research.

LCMS Sample Purity - Detailed Report



Result set name: SingleSample

Data file: KL80.dx

Sample name: KL80

Instrument: LCMS

Inj. volume: 5.000 µL

Acq. method: LCMS-02AB.amx

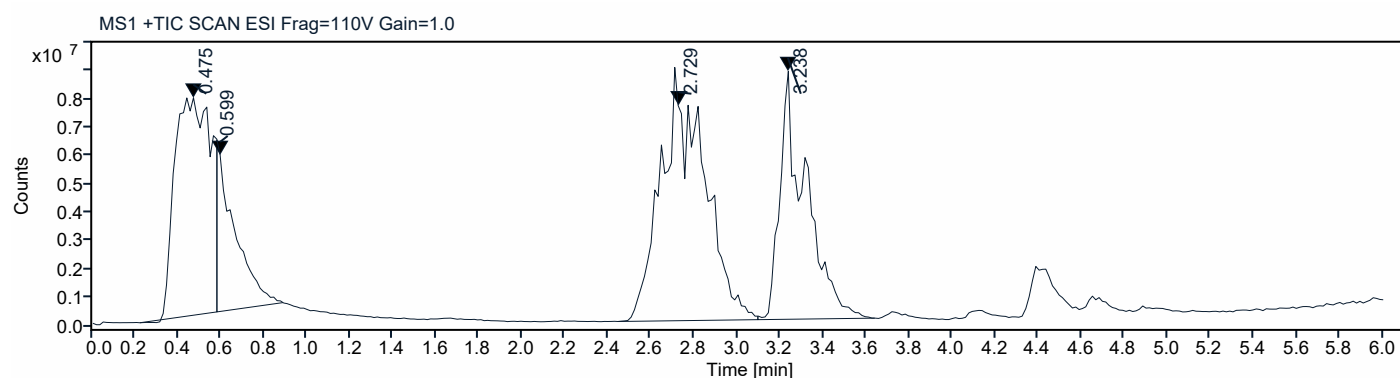
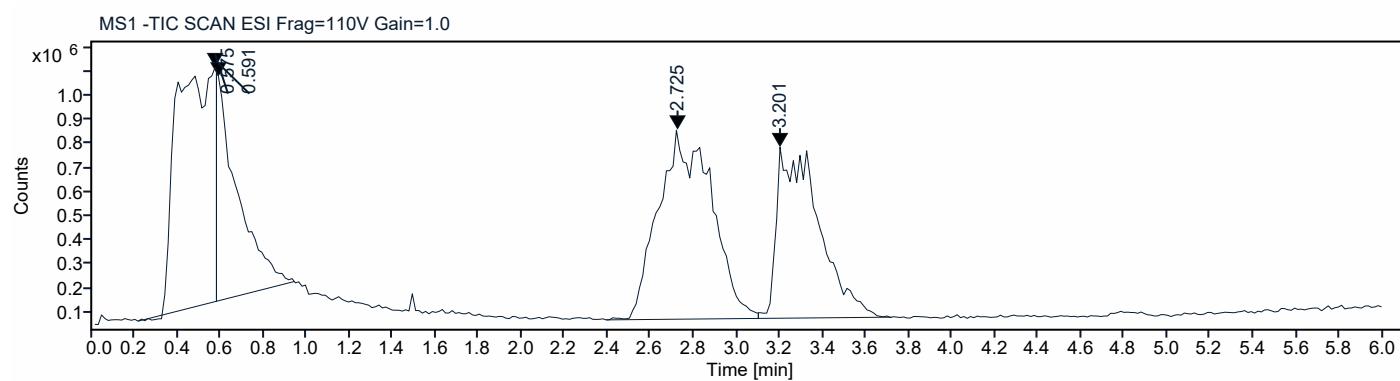
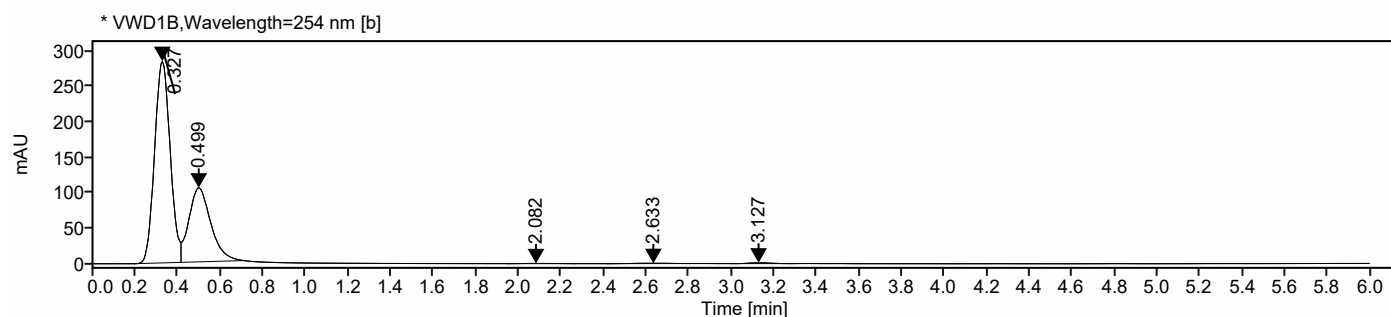
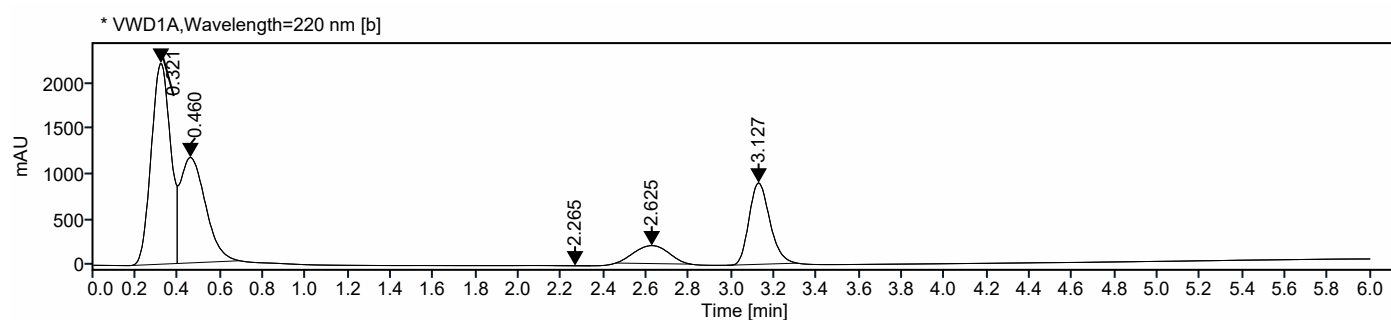
Processing method: LCMS-LJJ.pmx

Project name: 2026

Operator: admin

Acquired on: 2026-10-14 11:47:25+08:00

Location: P1-F8



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

RT [min]	Type	Width [min]	Area	Height	Area%
0.475	BM m	0.3580	88798838.83 21	7656988.11 04	27.8317
0.599	MM m	0.3070	33600697.30 28	5506875.14 56	10.5313
2.729	BV	0.6507	123393808.1 402	7580593.72 80	38.6746
3.238	VB	0.5430	73263444.45 16	8735992.15 35	22.9625
Sum			319056788.7 266		

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

RT [min]	Type	Width [min]	Area	Height	Area%
0.575	BM m	0.3637	11906307.77 30	973091.8266	28.7660
0.591	MM m	0.3615	6309452.16 71	930937.9855	15.2438
2.725	BM m	0.7074	13527962.69 13	787007.0245	32.6839
3.201	MM m	0.6200	9646509.51 85	709830.2366	23.3062
Sum			41390232.14 98		

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

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0.321	MM m	0.2174	13886.5201	2217.8165	43.6978
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3.127	BM m	0.3302	6076.2710	898.1984	19.1207
Sum			31778.5701		

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

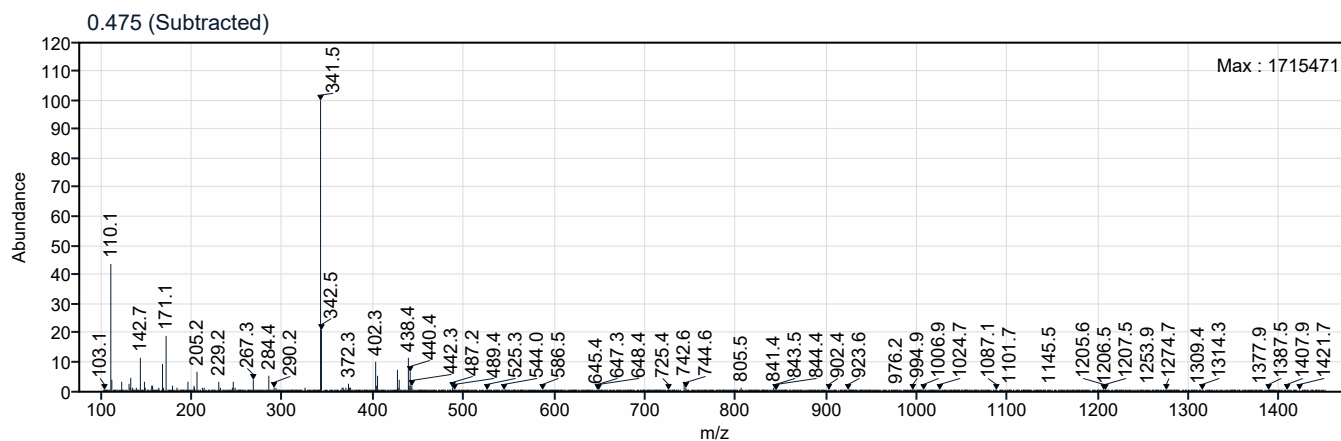
RT [min]	Type	Width [min]	Area	Height	Area%
0.327	MM m	0.2217	1444.4526	284.3697	65.3949
0.499	MM m	0.2941	748.2760	104.4591	33.8768
2.082	MM m	0.3240	3.1669	0.3086	0.1434
2.633	MM m	0.3836	4.9798	0.4214	0.2255
3.127	MM m	0.2899	7.9391	1.2046	0.3594
Sum			2208.8144		

Peak Details (Area Percent at least 1%)

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

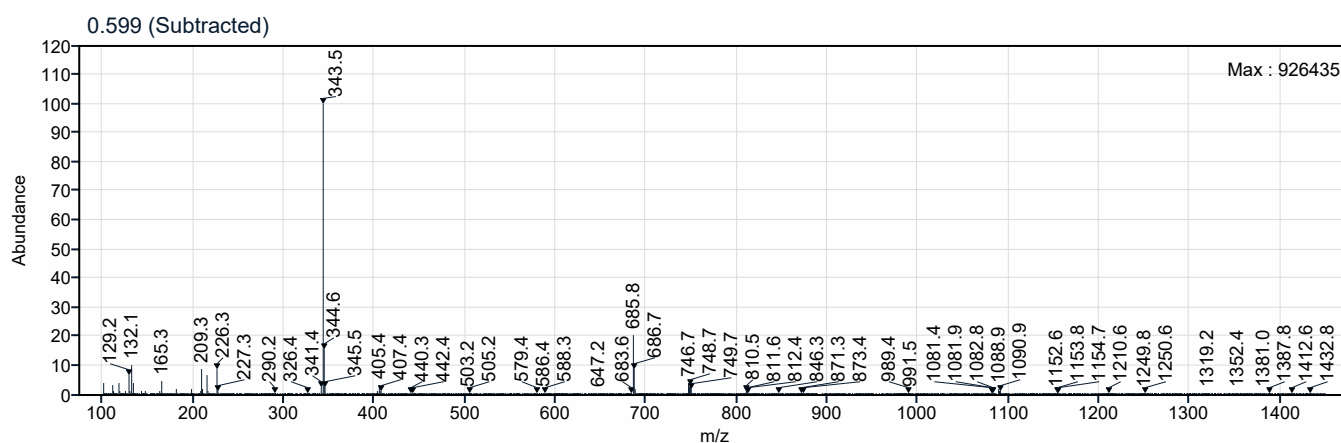
Peak RT: 0.475 min

Area %: 27.83%



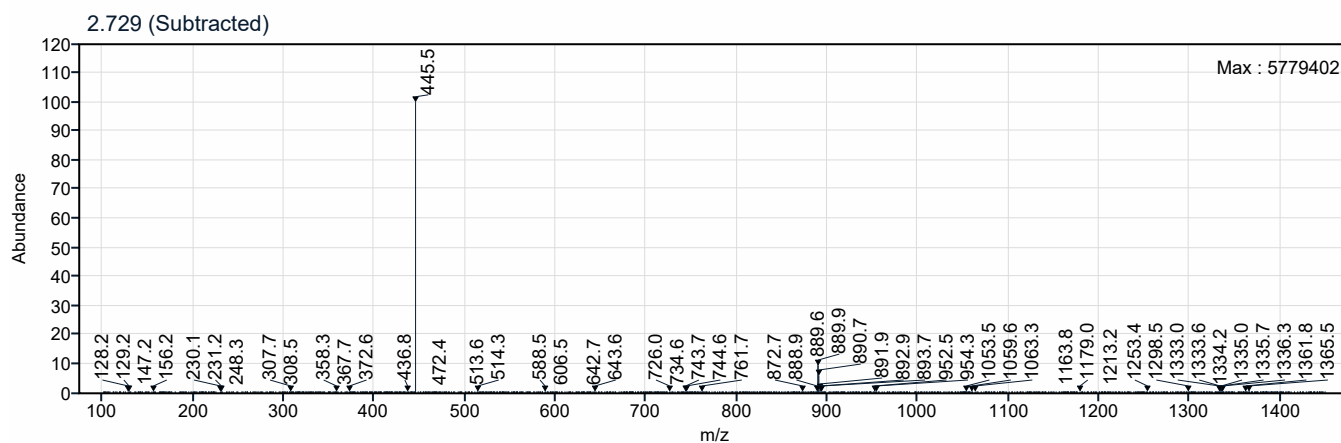
Peak RT: 0.599 min

Area %: 10.53%



Peak RT: 2.729 min

Area %: 38.67%

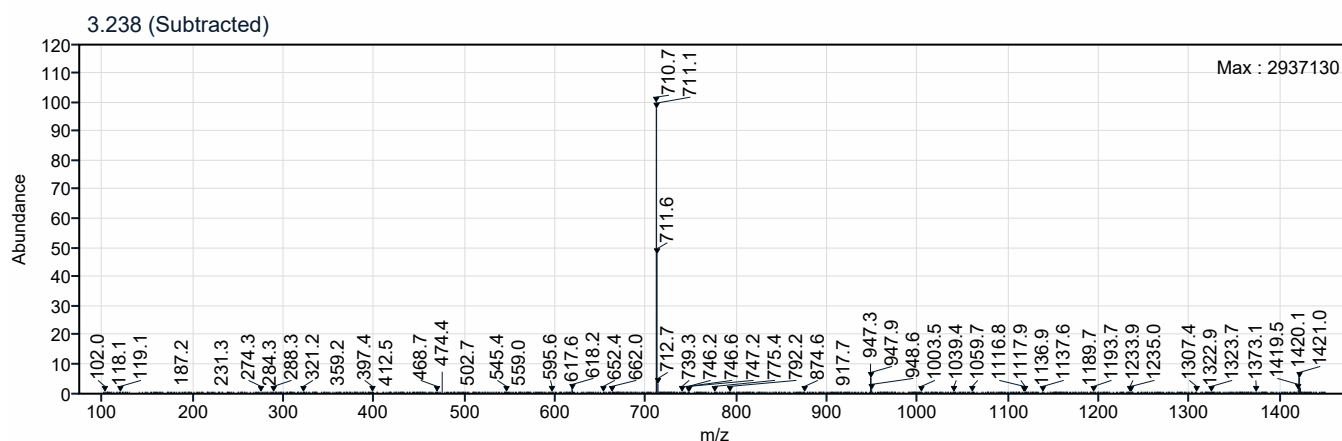


LCMS Sample Purity - Detailed Report



Peak RT: 3.238 min

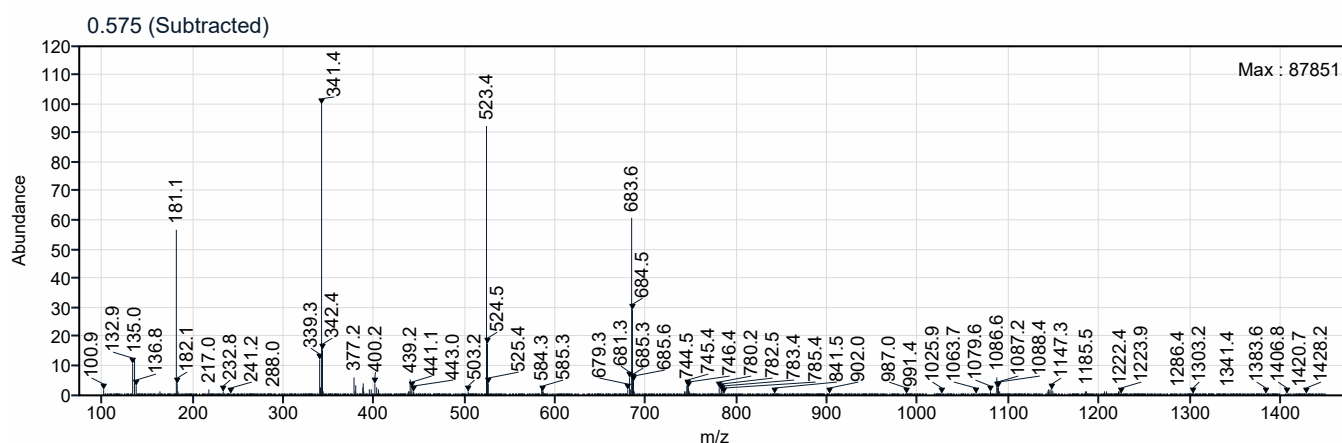
Area %: 22.96%



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

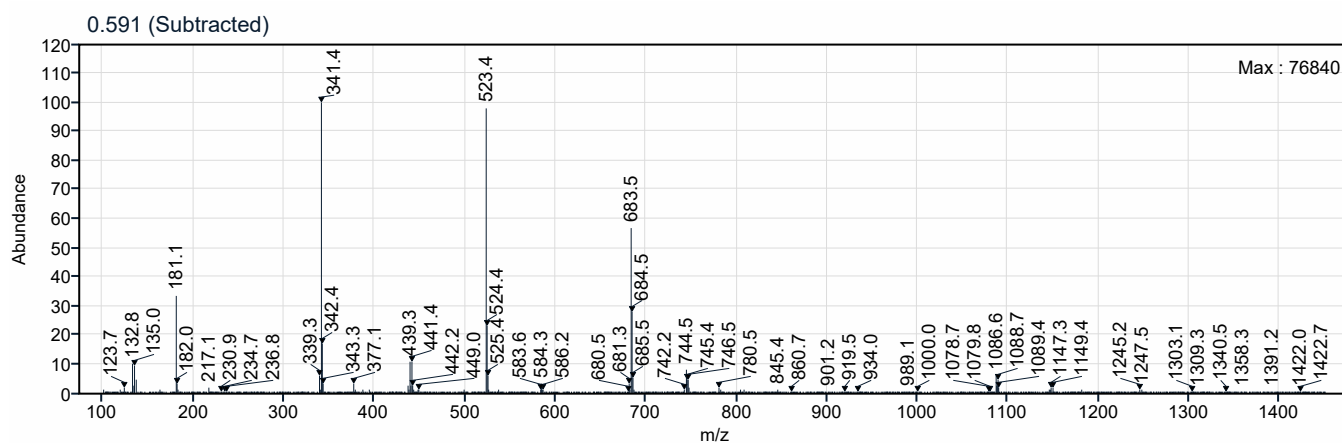
Peak RT: 0.575 min

Area %: 28.77%



Peak RT: 0.591 min

Area %: 15.24%

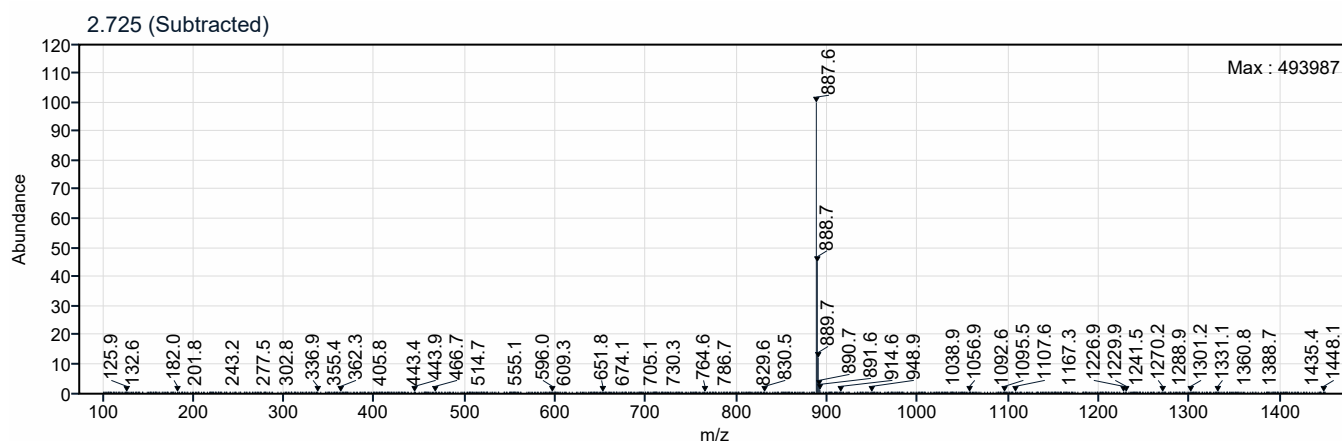


LCMS Sample Purity - Detailed Report



Peak RT: 2.725 min

Area %: 32.68%



Peak RT: 3.201 min

Area %: 23.31%

