

Method Summary

Method Settings

Application Mode: **Peptide**

Method Duration (min): **41**

Global Parameters

Ion Source

Use Ion Source Settings from Tune: **True**

FAIMS Mode: **Not Installed**

MS Global Settings

Infusion Mode: **Liquid Chromatography**

Expected LC Peak Width (s): **30**

Advanced Peak Determination: **False**

Default Charge State: **2**

Enable Xcalibur AcquireX Ab method modifications: **False**

Lock Mass Correction: **Off**

Experiment #1 [MS]

Start Time (min): **0**

End Time (min): **30**

Cycle Time (sec): **1**

Master Scan:

MS OT

Detector Type: **Orbitrap**

Orbitrap Resolution: **120000**

Mass Range: **Normal**

Use Quadrupole Isolation: **True**

Scan Range (m/z): **375-1500**

RF Lens (%): **30**

AGC Target: **Standard**

Absolute AGC Value: **4.000e5**

Maximum Injection Time Mode: **Auto**

Microscans: **1**

Data Type: **Profile**

Polarity: **Positive**

Source Fragmentation: **Disabled**

Scan Description:

Filters:

Targeted Mass

Mass List

Mass List Type: **m/z**

Time Mode: **Unscheduled**

Include Intensity Threshold: **False**

Compound	m/z
Apelin13_+3	517.6173
Apelin13_+4	388.4648
Apelin13-O(M)_+3	522.9489
Apelin13-O(M)_+4	392.4635
Pyr-Apelin13_+3	511.9418
Pyr-Apelin13_+4	384.2081
Pyr-Apelin13-O(M)_+3	517.2734
Pyr-Apelin13-O(M)_+4	388.2069
Apelin36_+8	525.1685
Apelin36_+9	466.9283
Apelin36_O(M)+8	527.1678
Apelin36_O(M)_+9	468.7055

Mass Tolerance: **ppm**

Low: **25**

High: **25**

Set Collision Energy per Compound: **False**

Perform dependent scan on most intense ion if no targets are found: **False**

Data Dependent

Data Dependent Mode: **Cycle Time**

Time between Master Scans (sec): **1**

Scan Event Type 1:

Scan:

ddMS² IT HCD

Isolation Mode: **Quadrupole**

Isolation Window (m/z): **1.6**

Isolation Offset: **Off**

Activation Type: **HCD**

Assisted Collision Energy: **False**

HCD Collision Energy Type: **Normalized**

HCD Collision Energy/Energies (%): **35**

Detector Type: **Ion Trap**

Ion Trap Scan Rate: **Turbo**

Mass Range: **Normal**

Scan Range Mode: **Auto**

AGC Target: **Custom**

Normalized AGC Target (%): **20**

Absolute AGC Value: **2.000e3**

Maximum Injection Time Mode: **Dynamic**

Microscans: **1**

Data Type: **Centroid**

Scan Description: