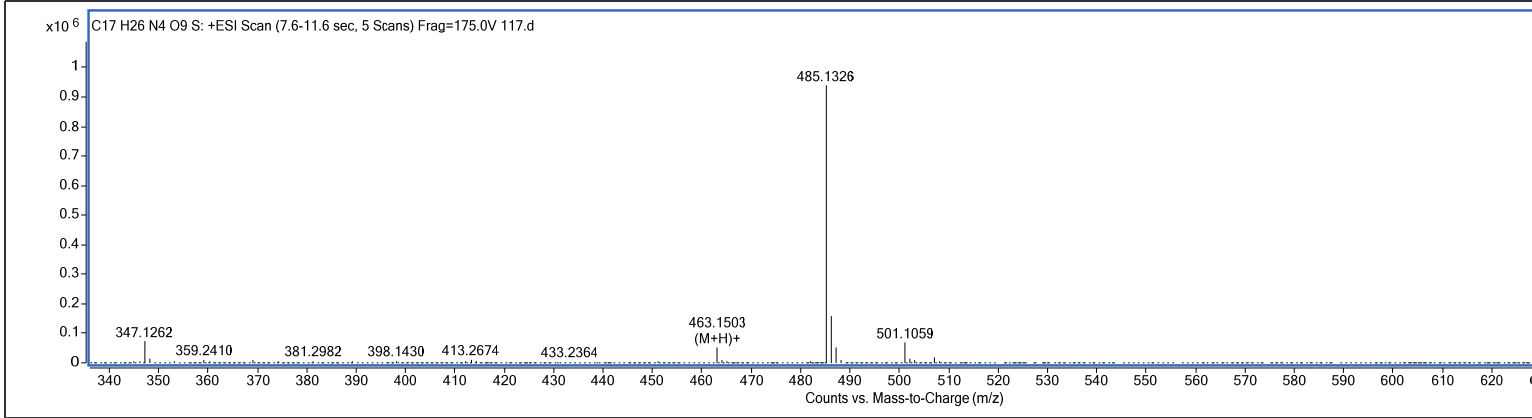


HRMS (ESI) Word file

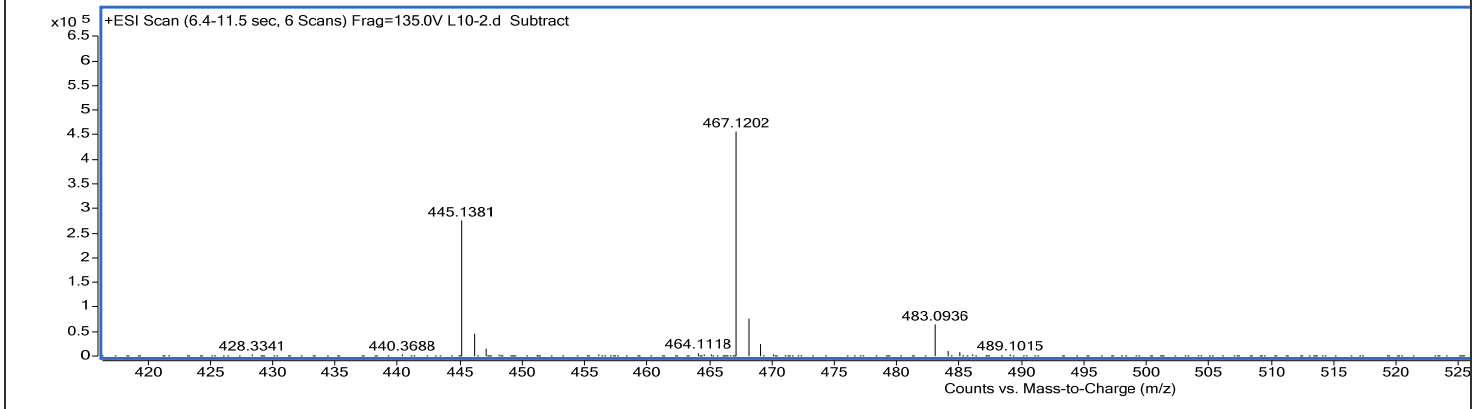
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-*N'*-5- methyl acylthiosemicarbazide(6a)**

ESI-HRMS (m/z): Calcd for C₁₇H₂₆N₄O₉SNa (M+Na)⁺: 485.1313; Found: 485.1326.



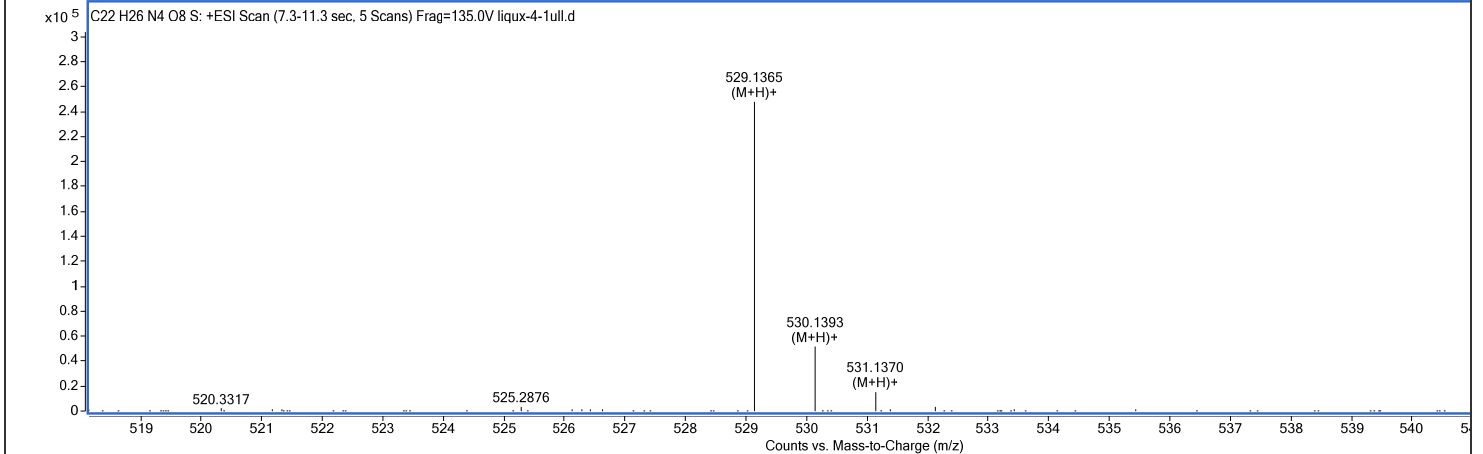
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-methyl-1,3,4-thiadiazole-2-amine (7a)**

ESI-HRMS (m/z): Calcd for C₁₇H₂₄N₄O₈SNa (M+Na)⁺: 467.1207; Found: 467.1202.



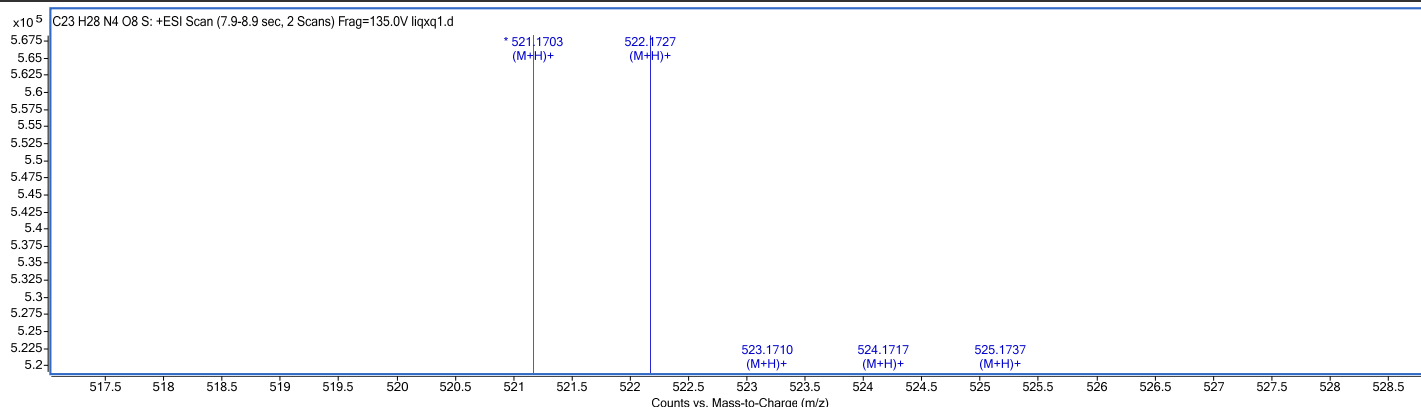
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-phenyl-1,3,4-thiadiazole-2-amine (7b)**

ESI-HRMS (m/z): Calcd for C₂₂H₂₆N₄O₈SNa (M+Na)⁺: 529.1364; Found: 529.1365.



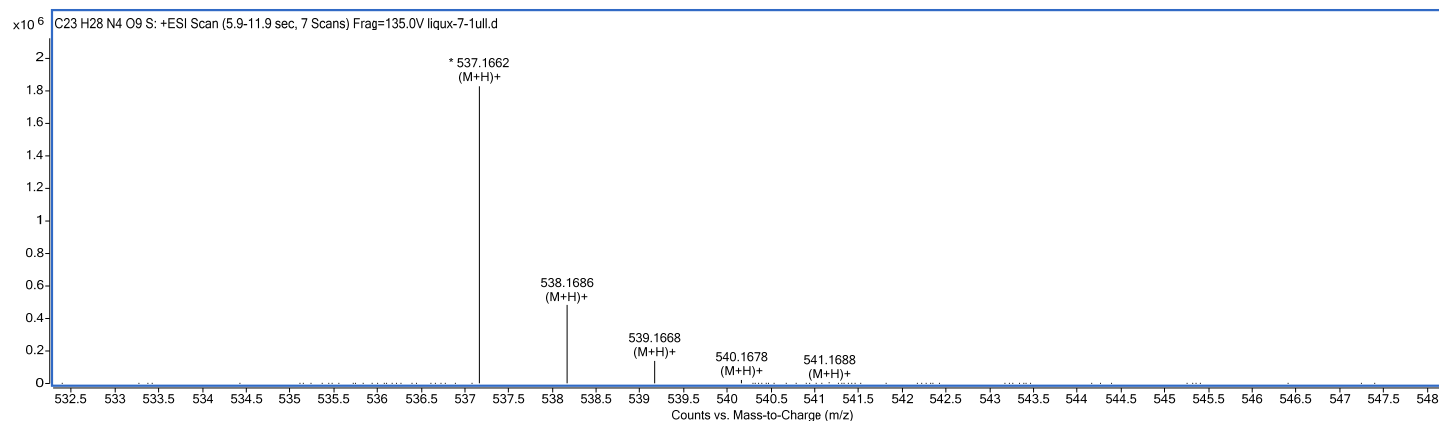
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(4-methylphenyl)-1,3,4-thiadiazole-2-amine (7c)**

ESI-HRMS (*m/z*): Calcd for C₂₃H₂₉N₄O₈S (M+H)⁺: 521.1701; Found: 521.1703.



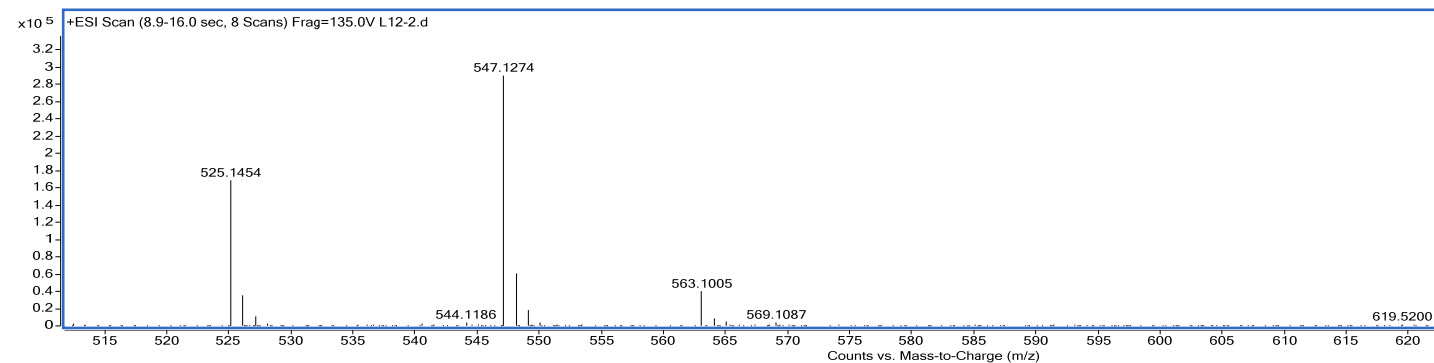
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(3-methoxyphenyl)-1,3,4-thiadiazole-2-amine (7d)**

ESI-HRMS (*m/z*): Calcd for C₂₃H₂₈N₄O₉S (M+H)⁺: 537.1650; Found: 537.1662.



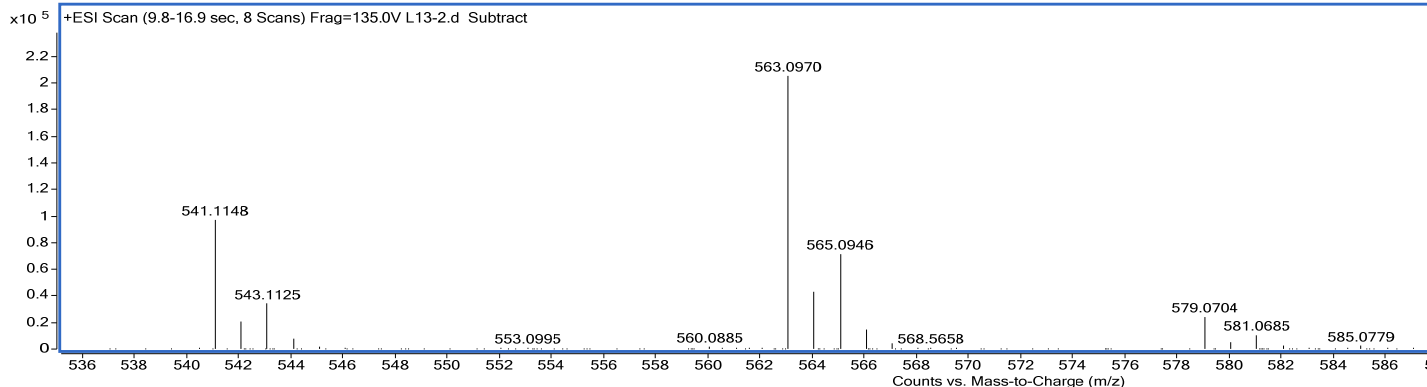
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(4-fluorophenyl)-1,3,4-thiadiazole-2-amine (7e)**

ESI-HRMS (*m/z*): Calcd for C₂₂H₂₅FN₄O₈SNa (M+Na)⁺: 547.1269; Found: 547.1269.



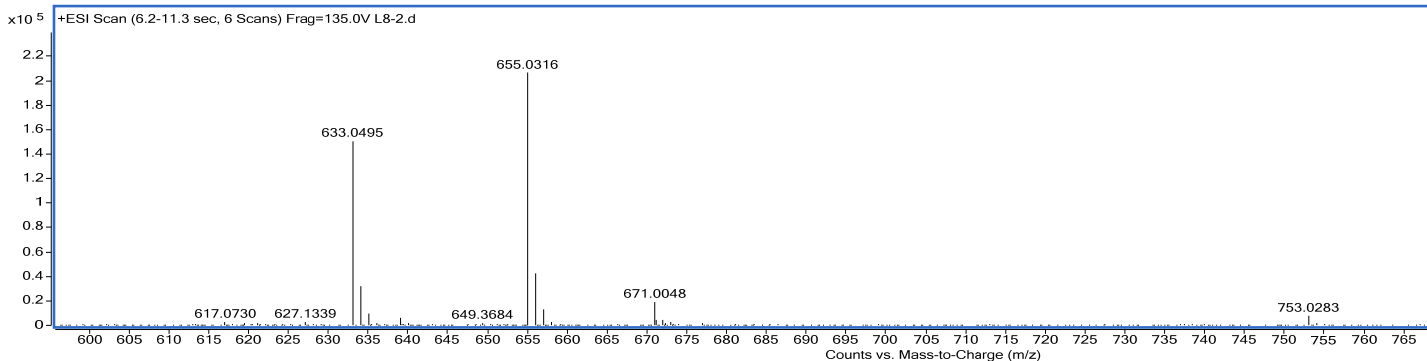
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(2-chlorophenyl)-1,3,4-thiadiazole-2-amine (7f)**

ESI-HRMS (m/z): Calcd for C₂₂H₂₅ClN₄O₈SNa (M+Na)⁺: 563.0974; Found: 563.0970.



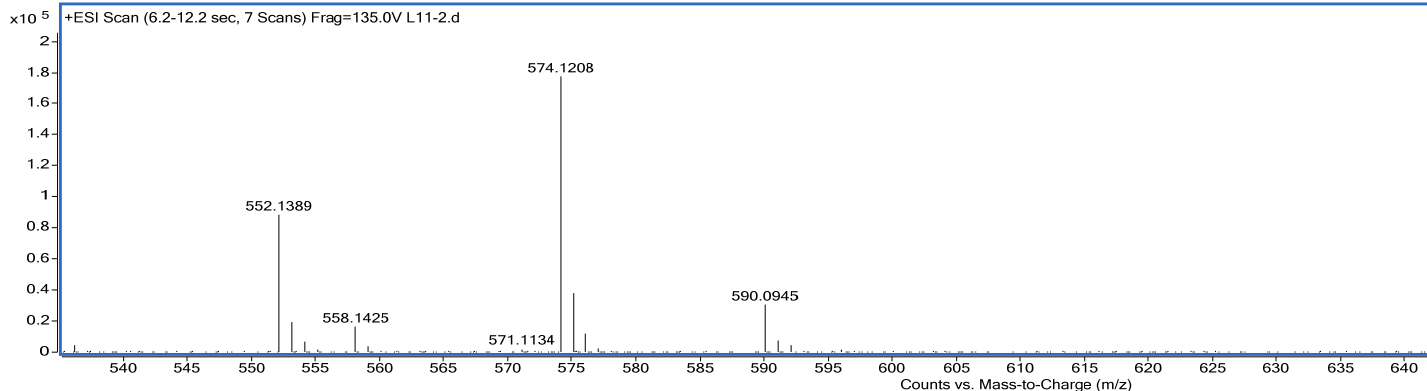
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(4-iodophenyl)-1,3,4-thiadiazole-2-amine (7g)**

ESI-HRMS (m/z): Calcd for C₂₂H₂₅IN₄O₈SNa (M+Na)⁺: 655.0330; Found: 655.0316.



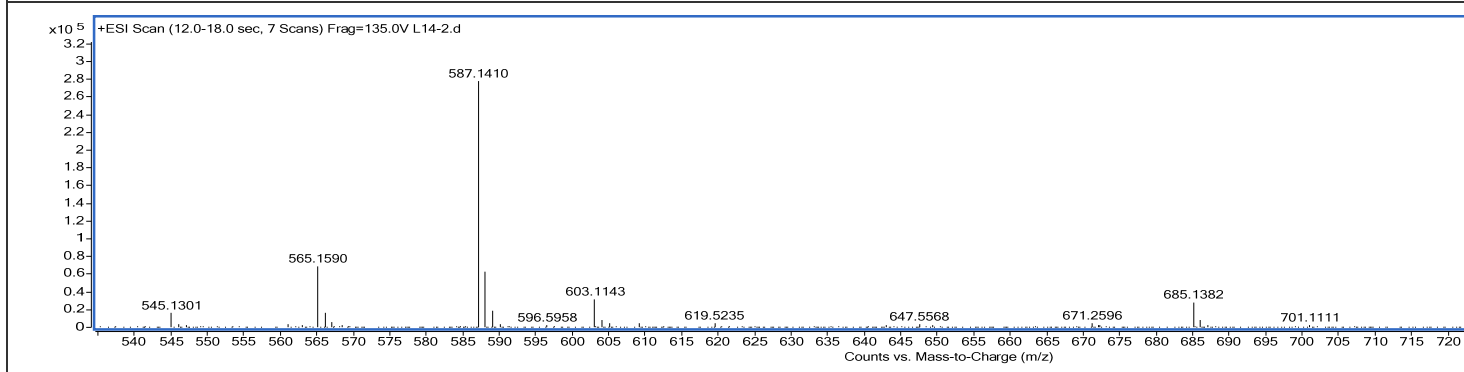
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(4-nitrophenyl)-1,3,4-thiadiazole-2-amine (7h)**

ESI-HRMS (m/z): Calcd for C₂₂H₂₅N₅O₁₀SNa (M+Na)⁺: 574.1214; Found: 574.1208.



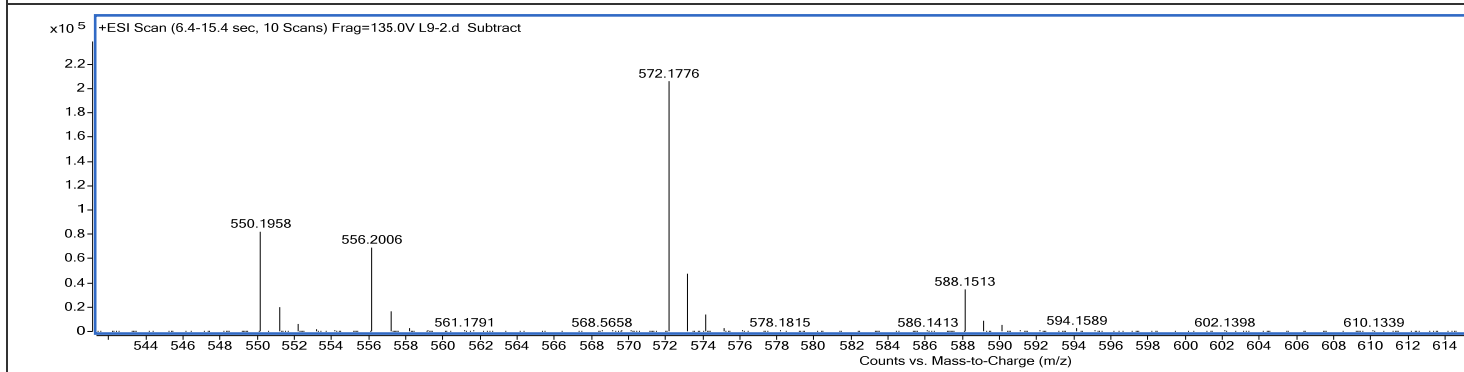
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(4-acetoxyphenyl)-1,3,4-thiadiazole-2-amine (7i)**

ESI-HRMS (m/z): Calcd for C₂₄H₂₈N₄O₁₀SNa (M+Na)⁺: 587.1418; Found: 587.1410.



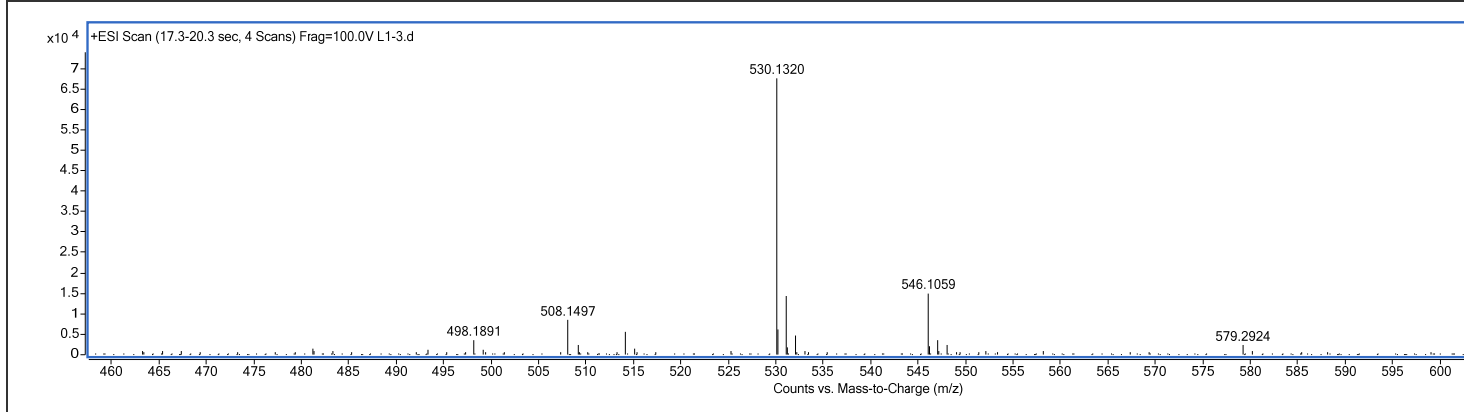
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(4-*N,N*-dimethylphenyl)-1,3,4-thiadiazole-2-amine (7j)**

ESI-HRMS (m/z): Calcd for C₂₄H₃₁N₅O₈SNa (M+Na)⁺: 572.1786; Found: 572.1776.



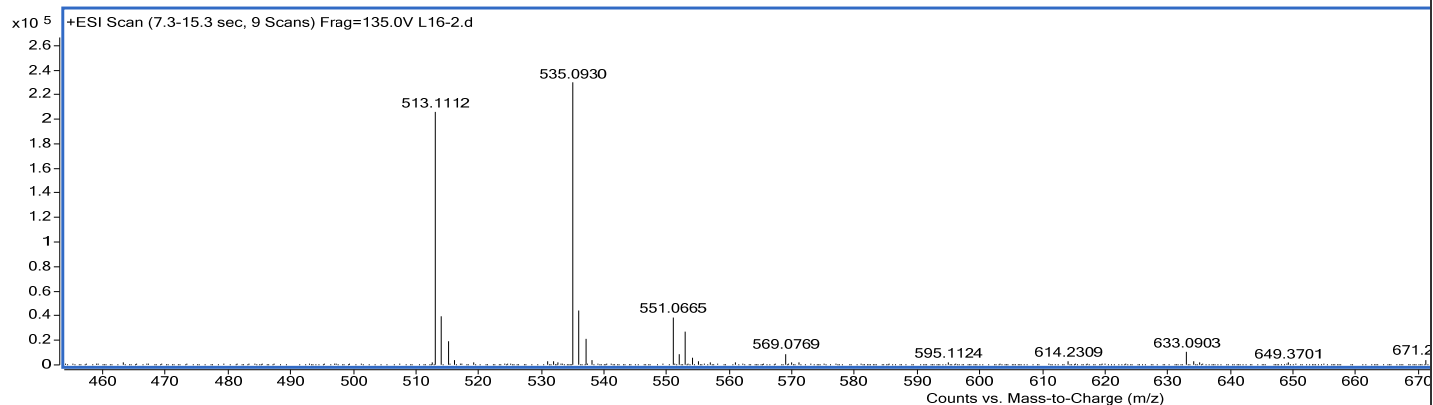
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(2-pyridyl)-1,3,4-thiadiazole-2-amine (7k)**

ESI-HRMS (m/z): Calcd for C₂₁H₂₅N₅O₈SNa (M+Na)⁺: 530.1316; Found: 530.1320.



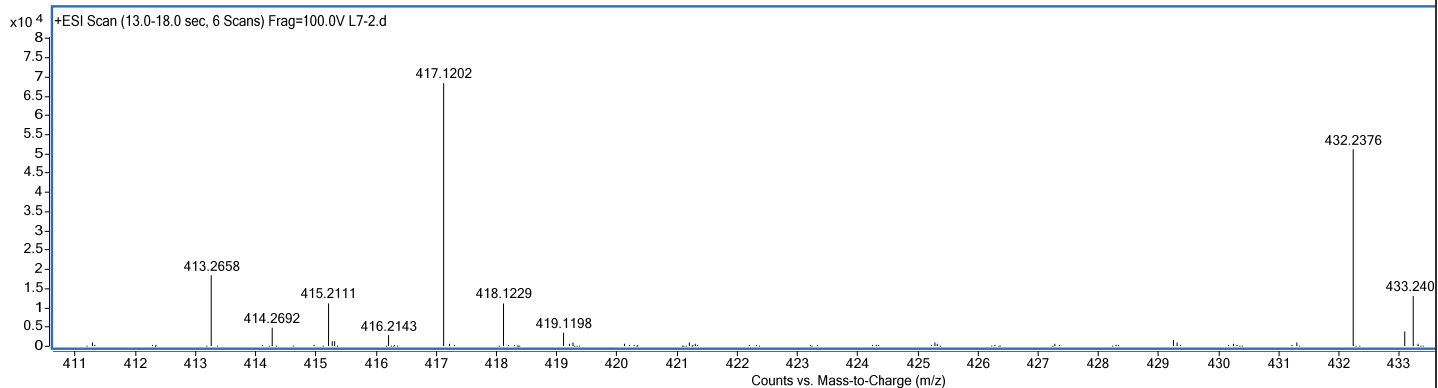
***N*-(2-Acetamido-3,4,6-tri-*O*-acetyl-2-deoxy- β -D-glucopyranosyl)-5-(2-thienyl)-1,3,4-thiadiazole-2-amine (7l)**

ESI-HRMS (m/z): Calcd for $C_{20}H_{24}N_4O_8S_2Na$ ($M+Na$)⁺: 535.0928; Found: 535.0930.



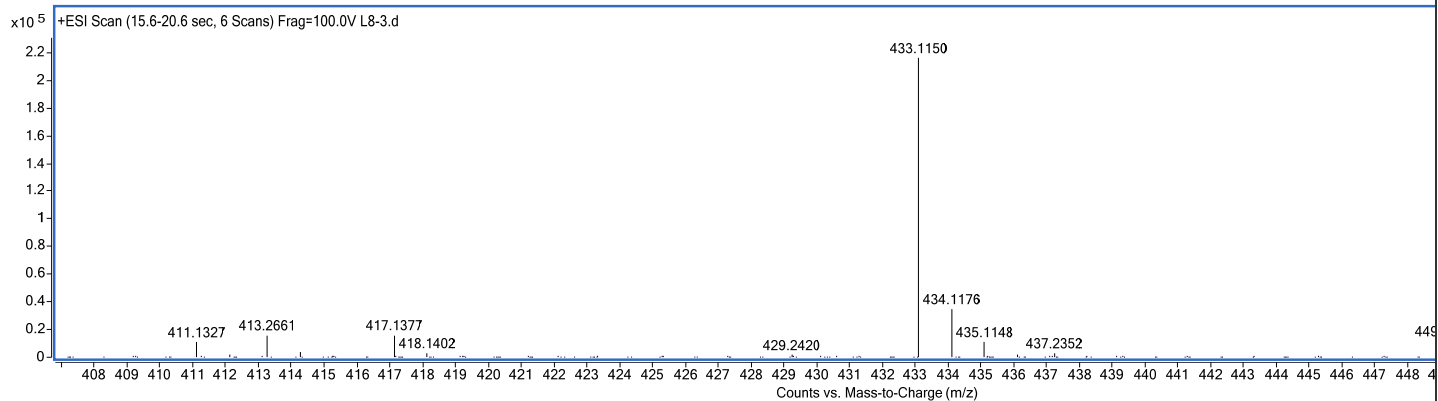
***N*-(2-Acetamido-2-deoxy- β -D-glucopyranosyl)-5-(4-methylphenyl)-1,3,4-thiadiazole-2-amine (8c):**

ESI-HRMS (m/z): Calcd for $C_{17}H_{22}N_4O_5SNa$ ($M+Na$)⁺: 417.1203; Found: 417.1202.



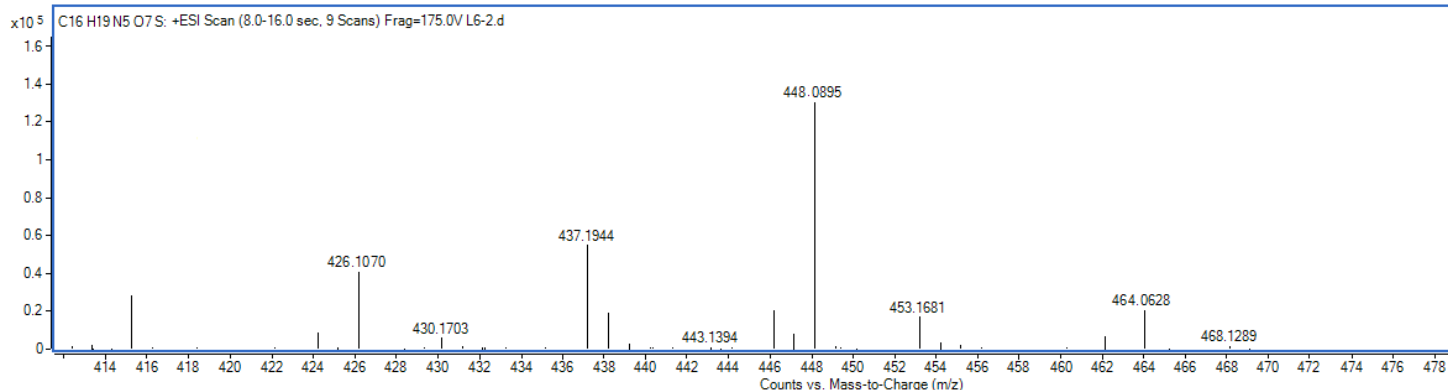
***N*-(2-Acetamido-2-deoxy- β -D-glucopyranosyl)-5-(3-methoxyphenyl)-1,3,4-thiadiazole-2-amine (8d):**

ESI-HRMS (m/z): Calcd for $C_{17}H_{22}N_4O_6SNa$ ($M+Na$)⁺: 433.1152 ; Found: 433.1150.



***N*-(2-Acetamido-2-deoxy- β -D-glucopyranosyl)-5-(4-nitrophenyl)-1,3,4-thiadiazole-2-amine (8h):**

ESI-HRMS (m/z): Calcd for C₁₆H₁₉N₅O₇SNa (M+Na)⁺: 448.0897 ; Found: 448.0895.



***N*-(2-Acetamido-2-deoxy- β -D-glucopyranosyl)-5-(4-*N,N*-dimethylphenyl)-1,3,4-thiadiazole-2-amine (8j):**

ESI-HRMS (m/z): Calcd for C₁₈H₂₅N₅O₅SNa (M+Na)⁺: 446.1469; Found: 446.1468.

