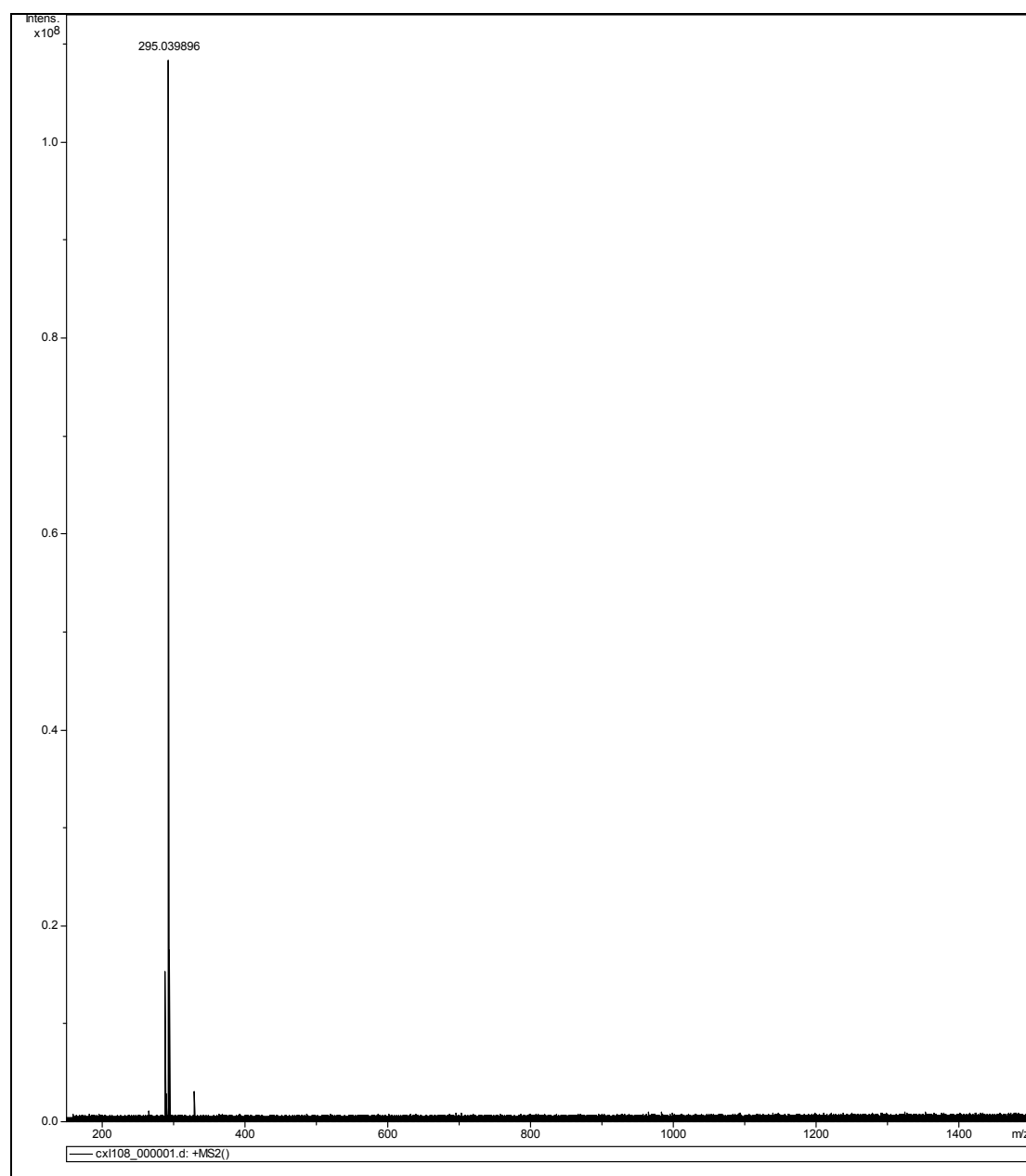
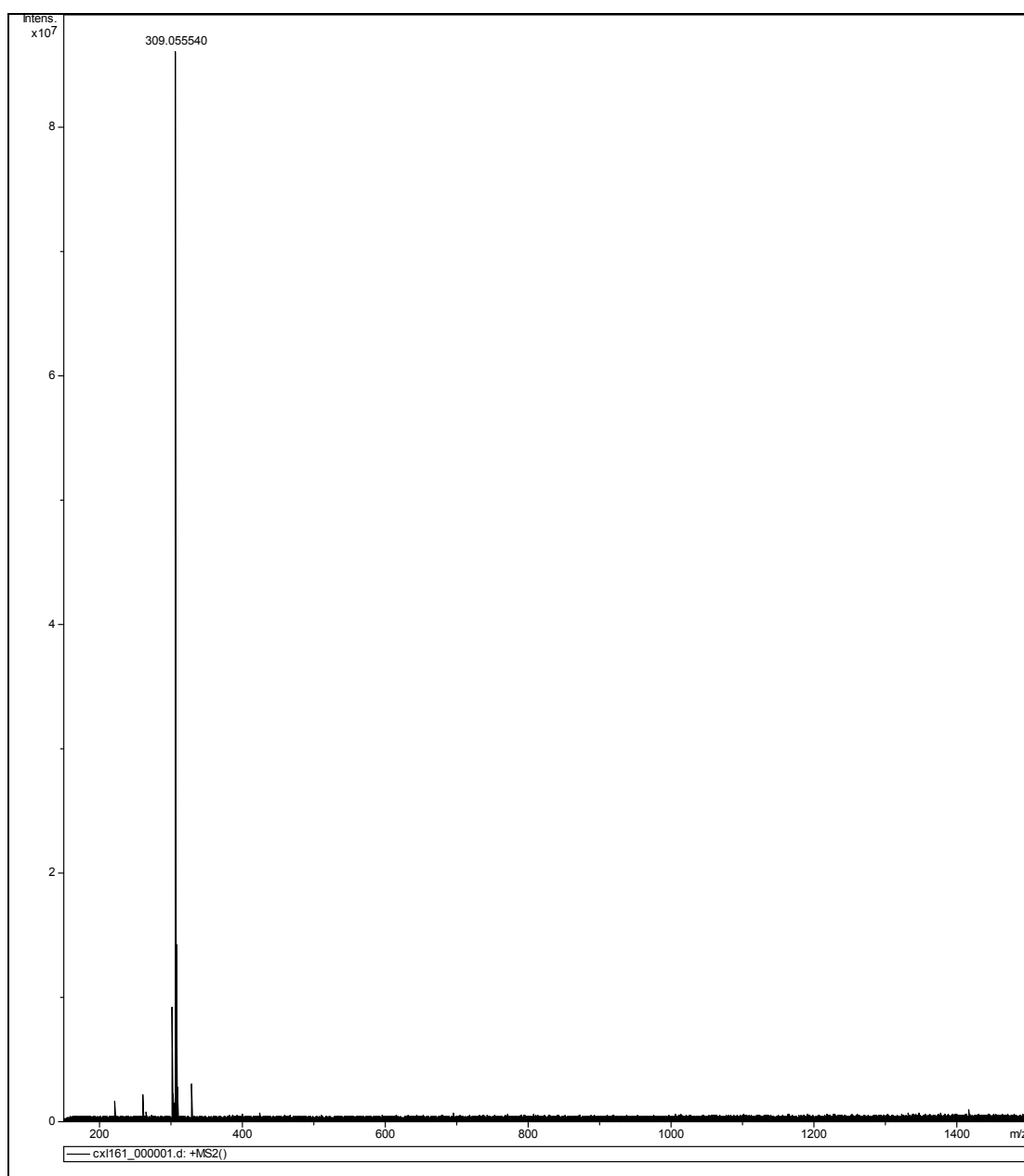


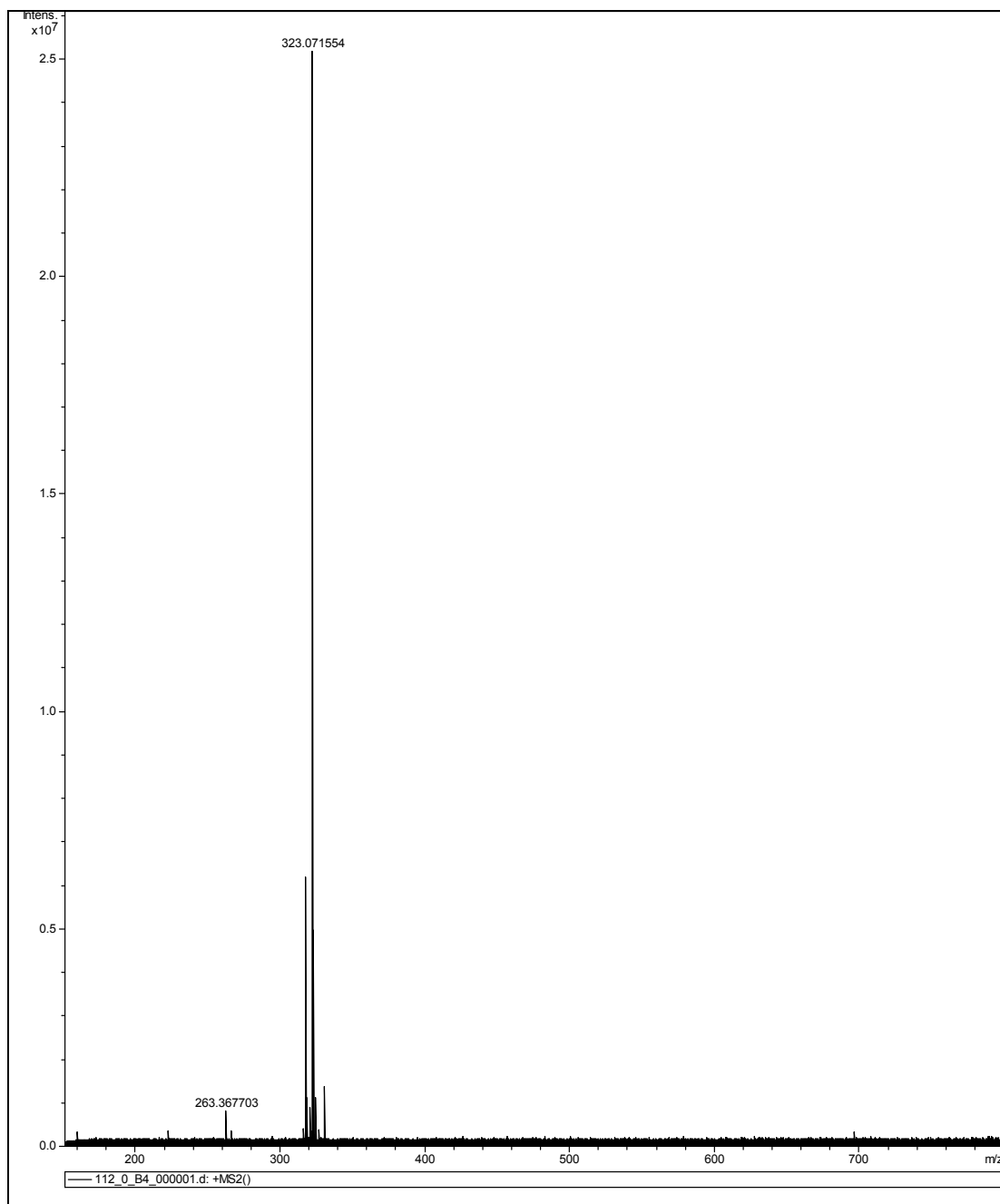
3a. HRMS (ESI) m/z calcd for $C_{15}H_{12}O_3Na^+$ ($M+Na$) $^+$ 295.039936, found 295.039896.



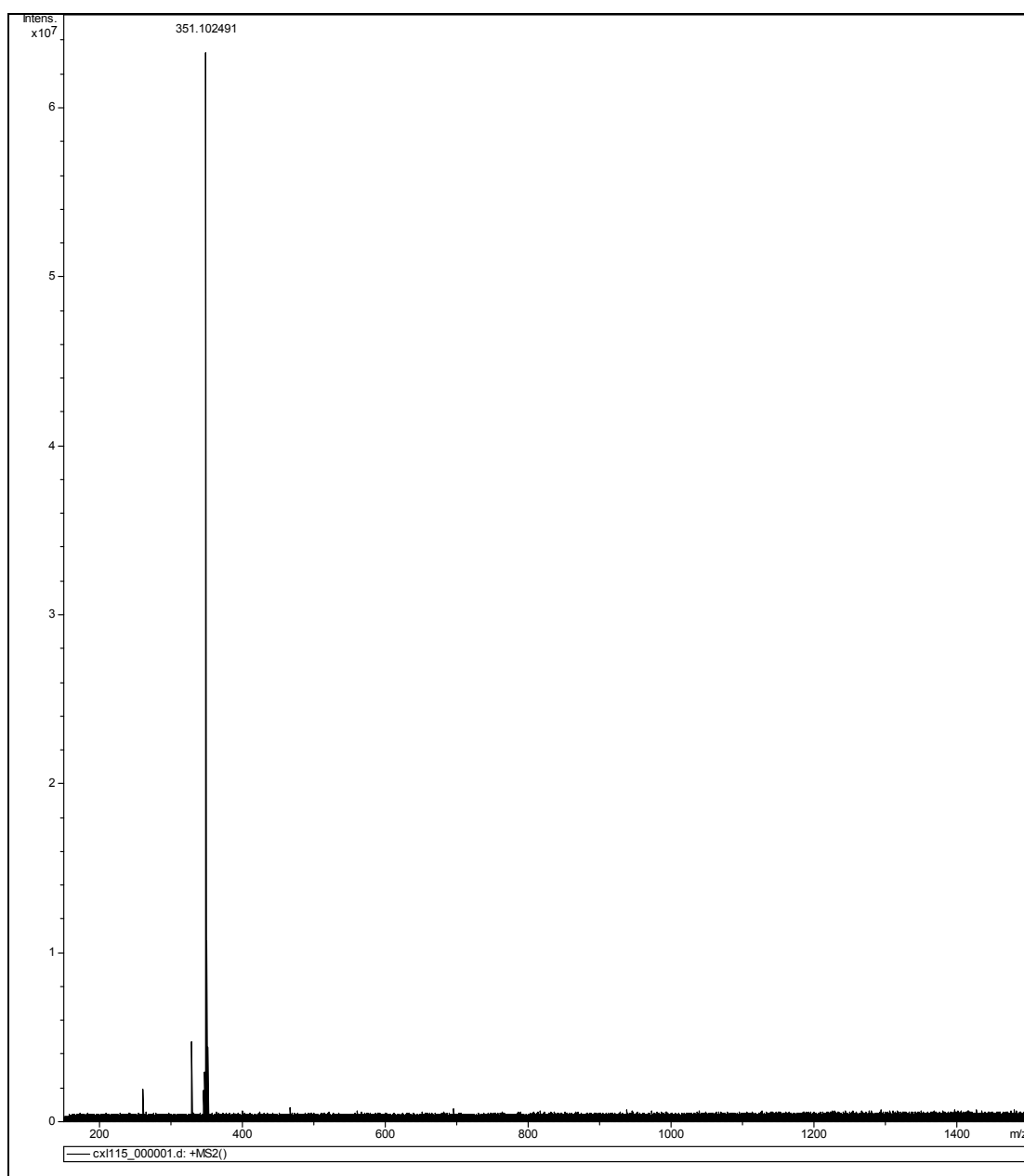
3b. HRMS (ESI) m/z calcd for $C_{16}H_{14}O_3SNa^+$ ($M+Na$) $^+$ 309.05586, found 309.05540.



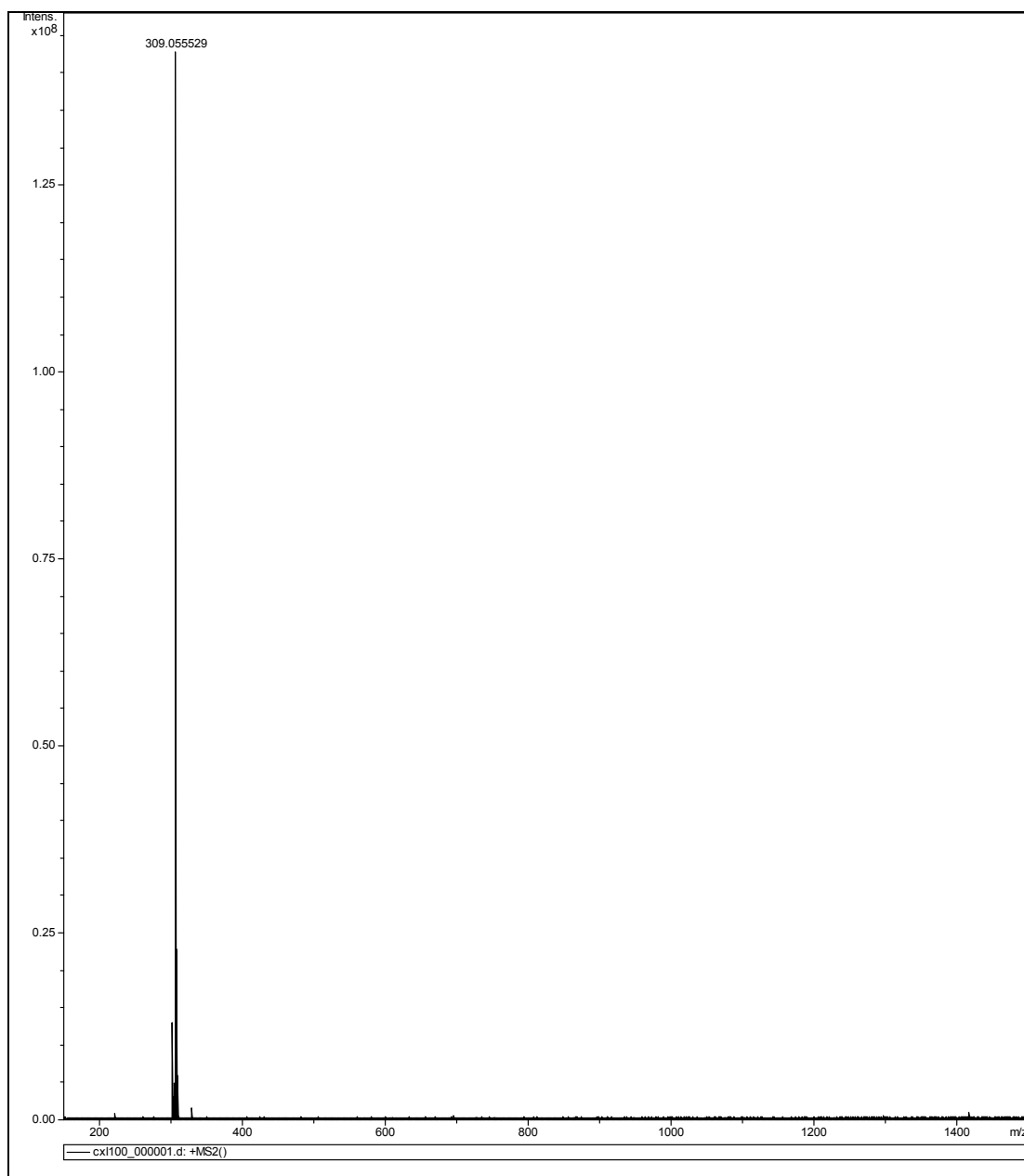
3c. HRMS (ESI) m/z calcd for C₁₇H₁₆O₃Na⁺ (M+Na)⁺ 323.071236, found 323.071554.



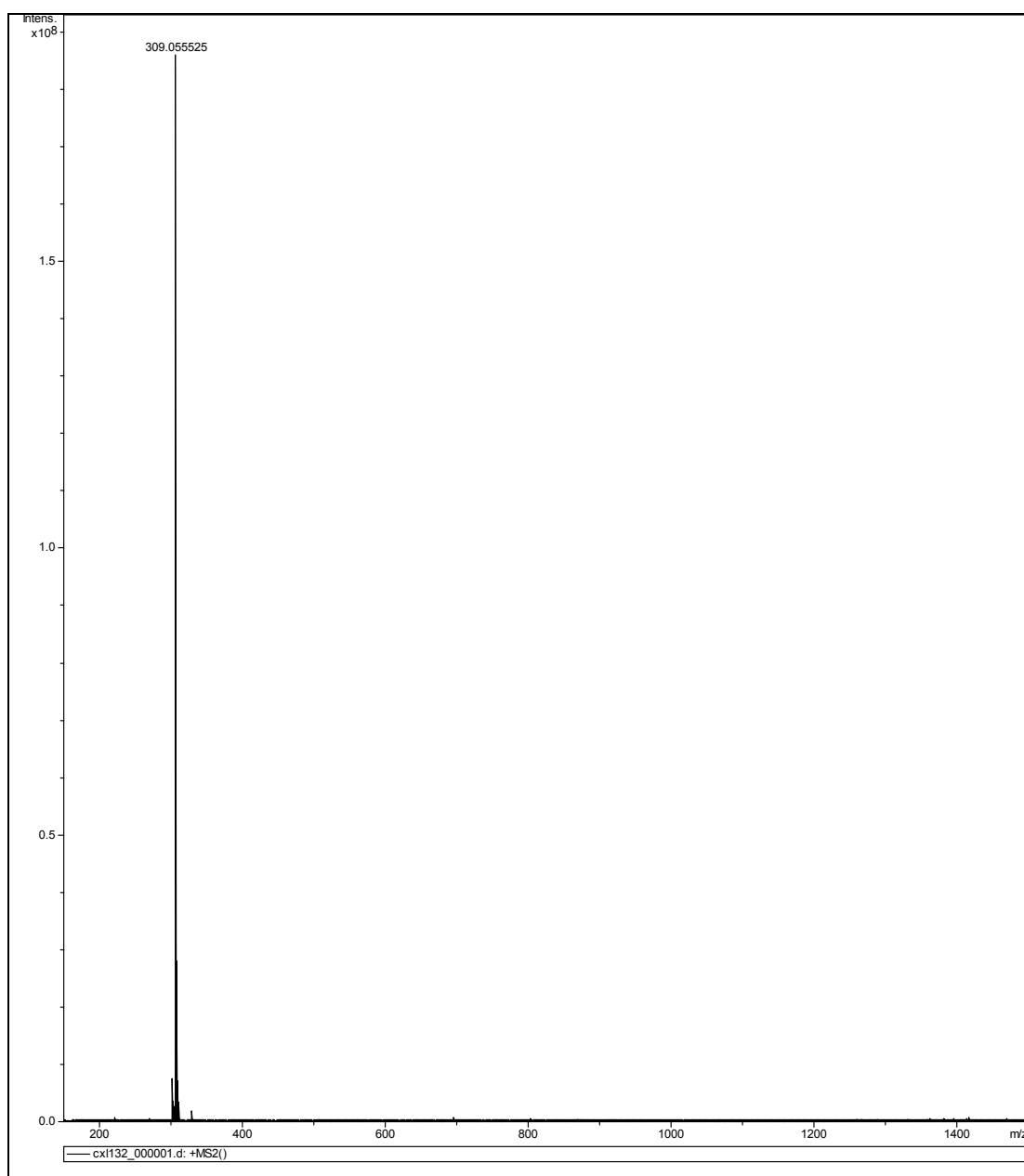
3d. HRMS (ESI) m/z calcd for $C_{19}H_{20}O_3SNa^+$ ($M+Na$) $^+$ 351.102536, found 351.102491.



3e. HRMS (ESI) m/z calcd for $C_{16}H_{14}O_3Na^+$ ($M+Na$) $^+$ 309.055586, found 309.055529.

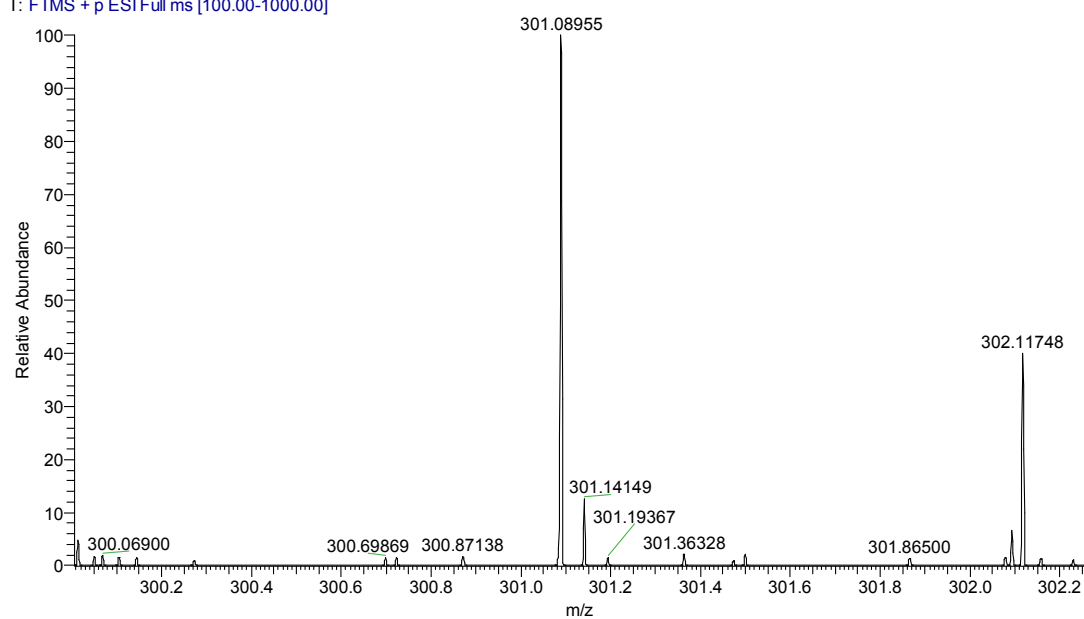


3f. HRMS (ESI) m/z calcd for $C_{16}H_{14}O_3Na^+$ ($M+Na$) $^+$ 309.055586, found 309.055525.

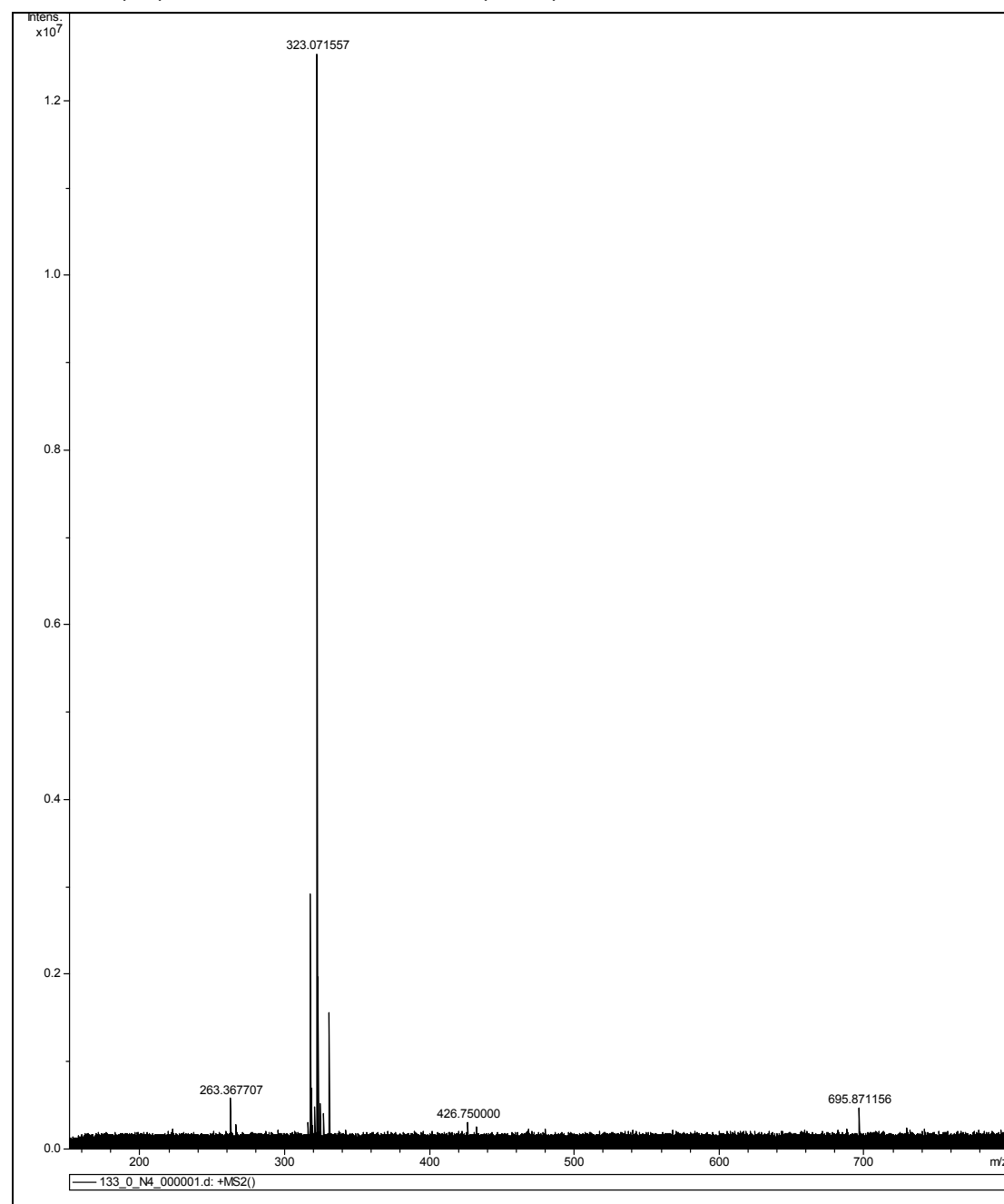


3g. HRMS (ESI) m/z calcd for C₁₇H₁₇O₃S⁺ (M+H)⁺ 301.08929, found 301.08955.

00156 #19-49 RT: 0.26-0.69 AV: 31 NL: 4.33E4
T: FTMS + p ESI Full ms [100.00-1000.00]



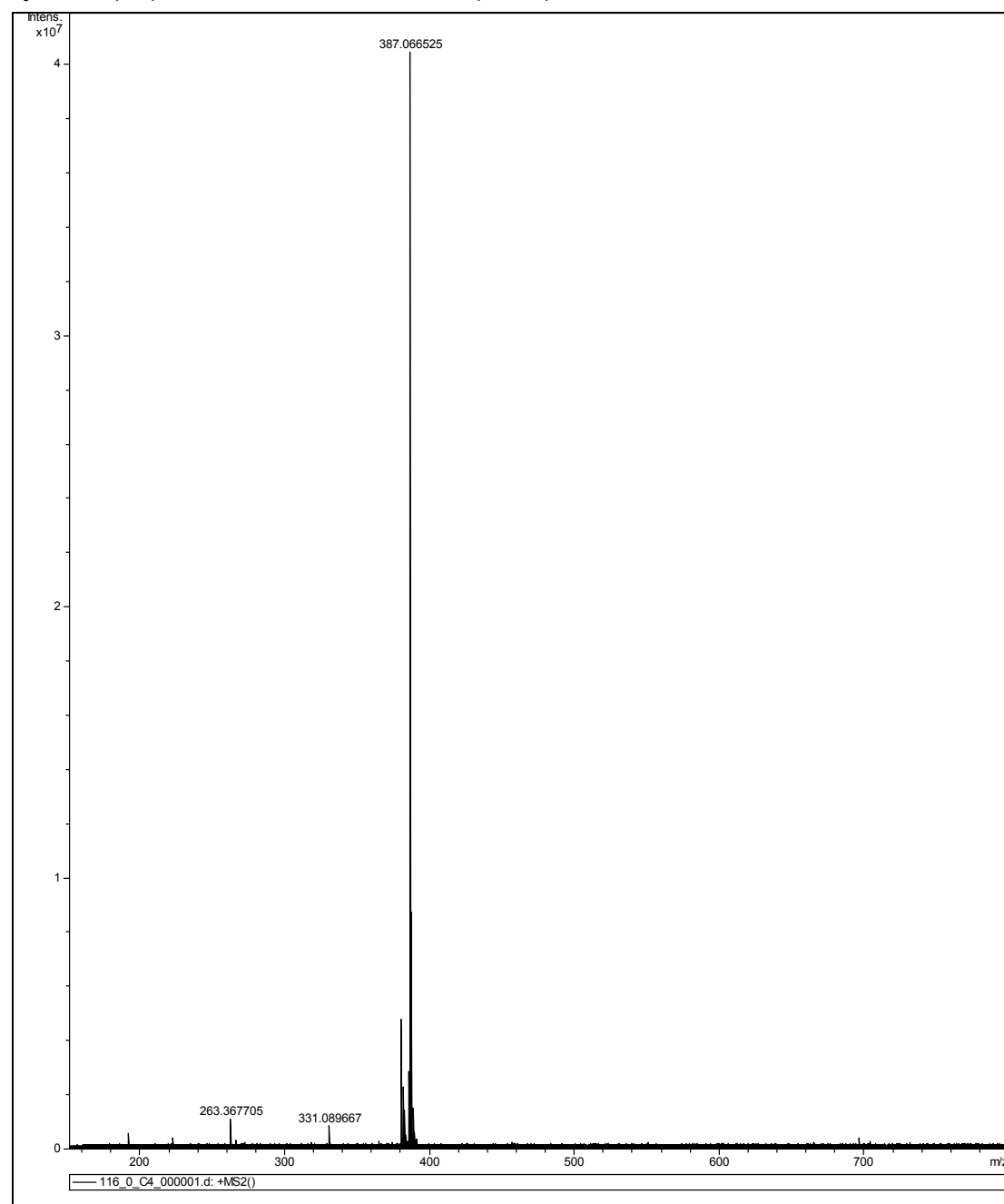
3h. HRMS (ESI) m/z calcd for C₁₇H₁₆O₃SNa⁺ (M+Na)⁺ 323.071236, found 323.071557.



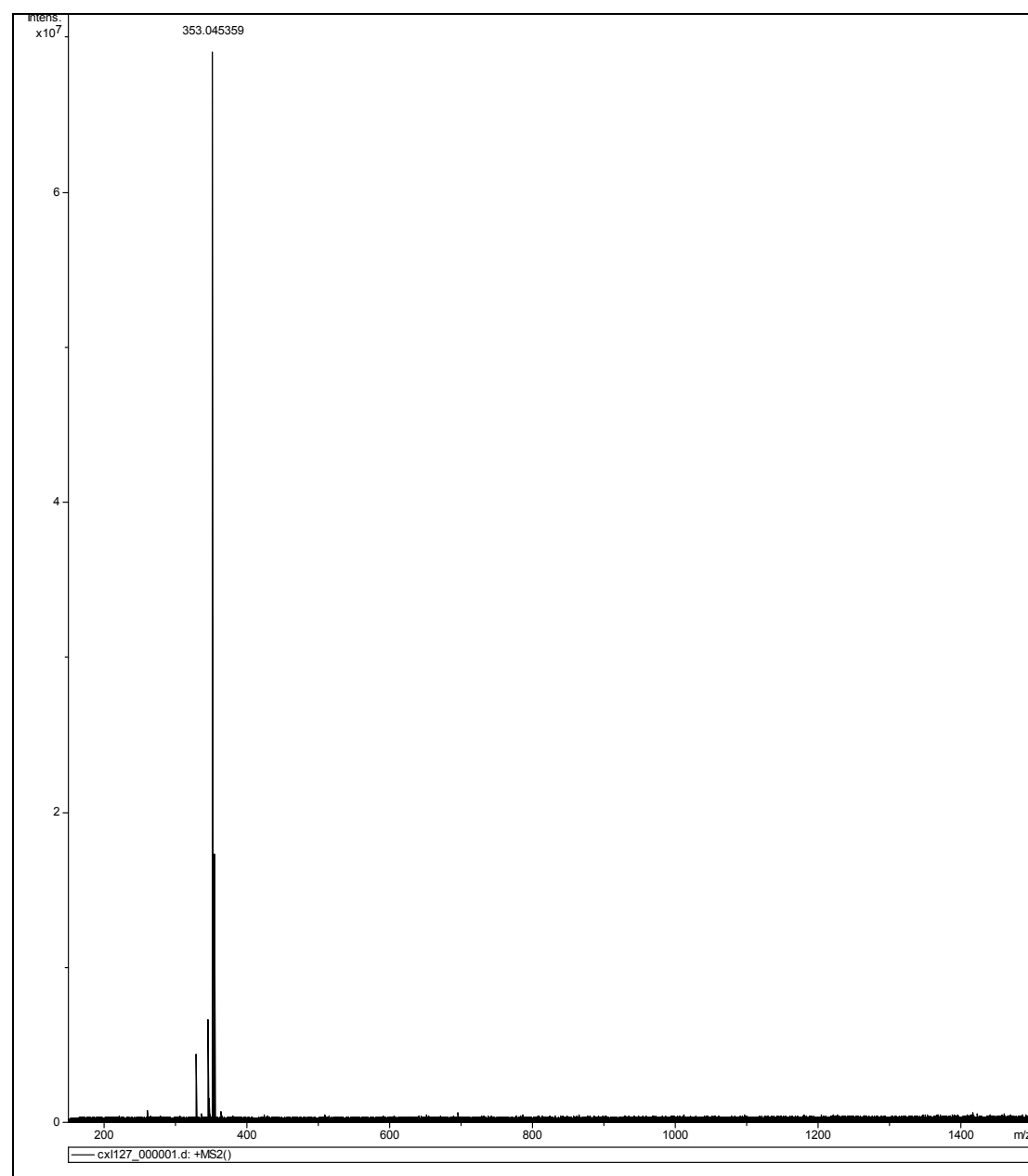
3i. HRMS (ESI) m/z calcd for $C_{16}H_{14}O_4Na^+$ ($M+Na$) $^+$ 325.050501, found 325.050451.



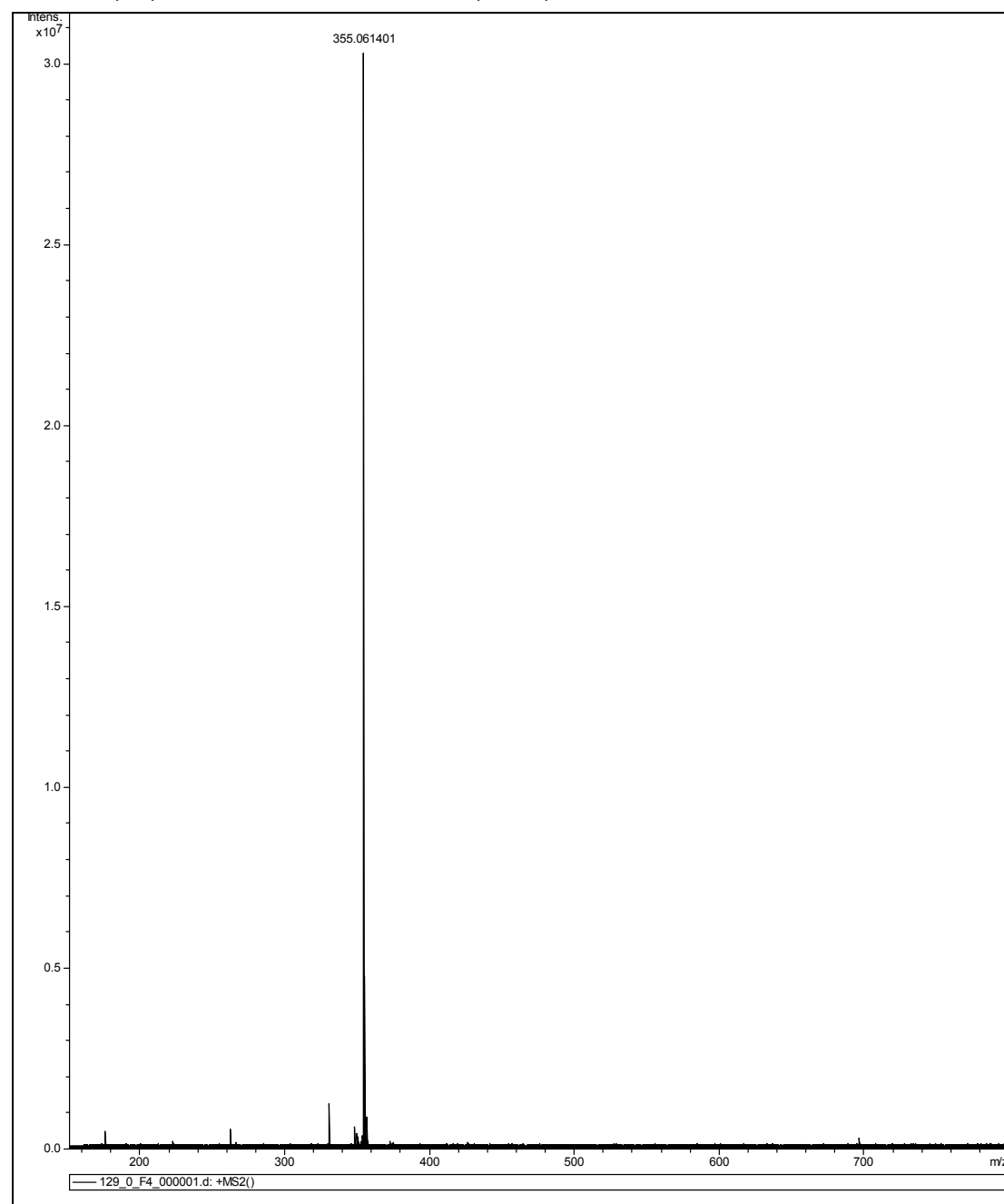
3j. HRMS (ESI) m/z calcd for C₂₁H₁₆O₄Na⁺ (M+Na)⁺ 387.066151, found 387.066525



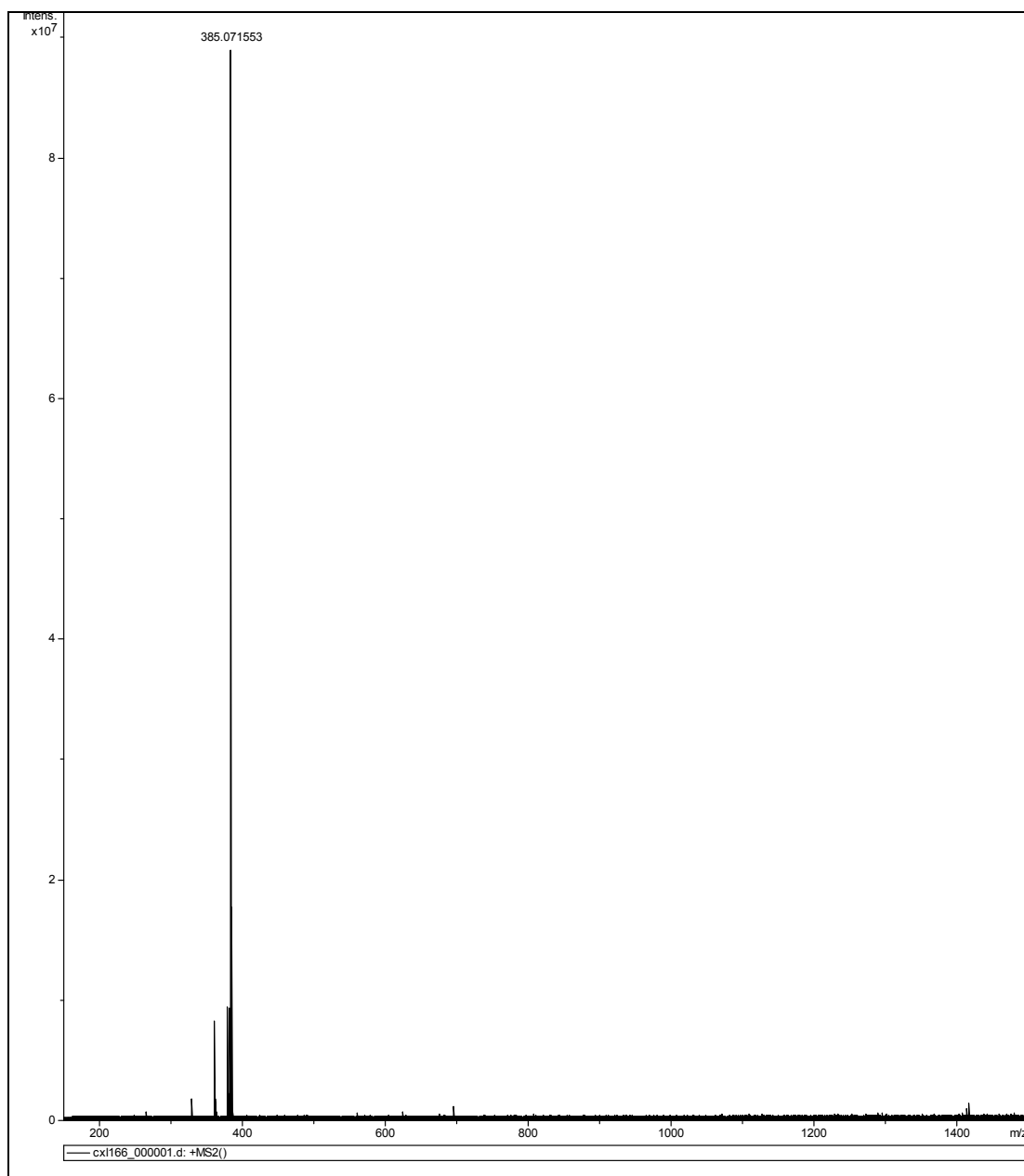
3k. HRMS (ESI) m/z calcd for C₁₇H₁₄O₅Na⁺ (M+Na)⁺ 353.045415, found 353.045359.



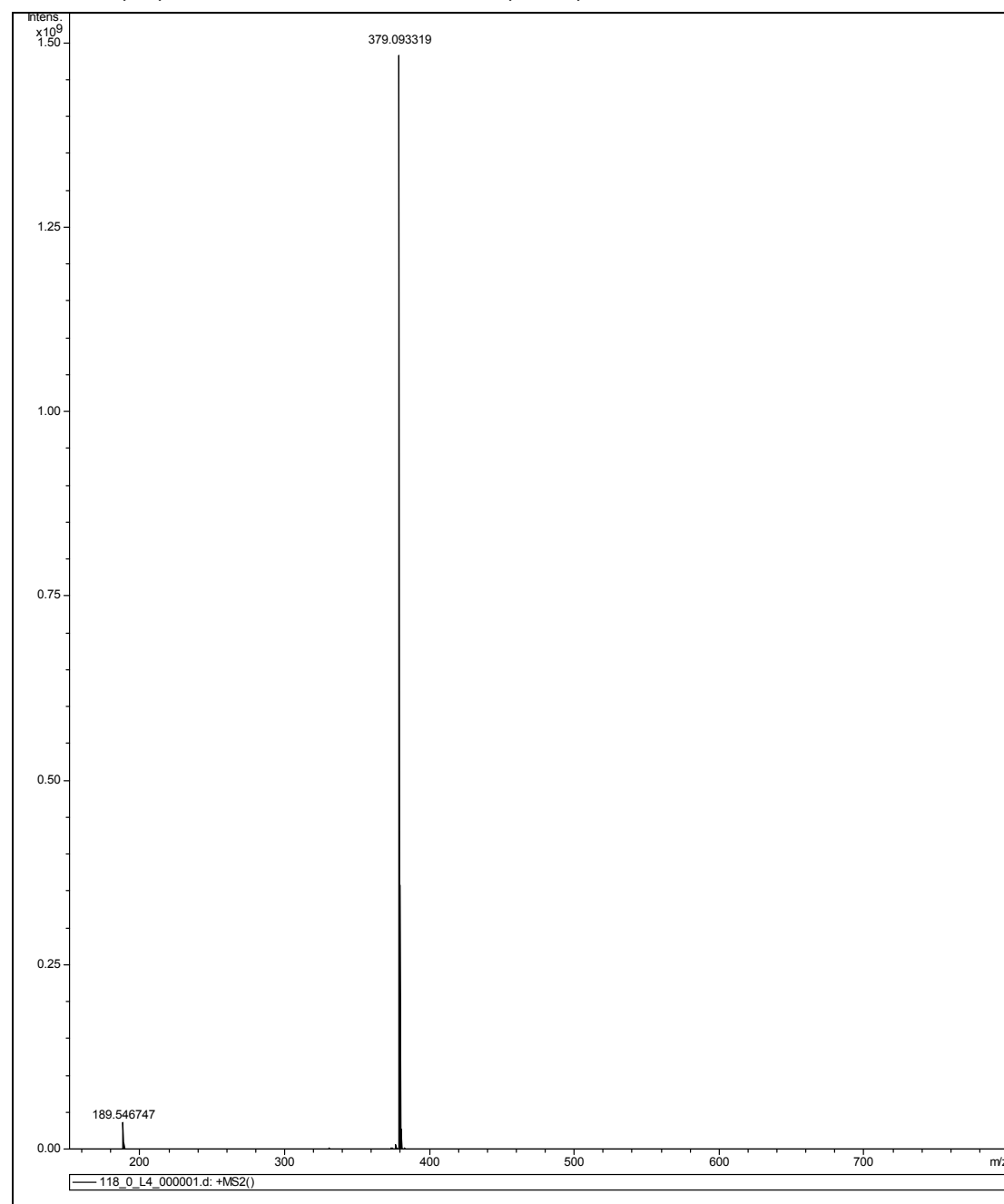
3I. HRMS (ESI) m/z calcd for C₁₇H₁₆O₅Na⁺ (M+Na)⁺ 355.061065, found 355.061401



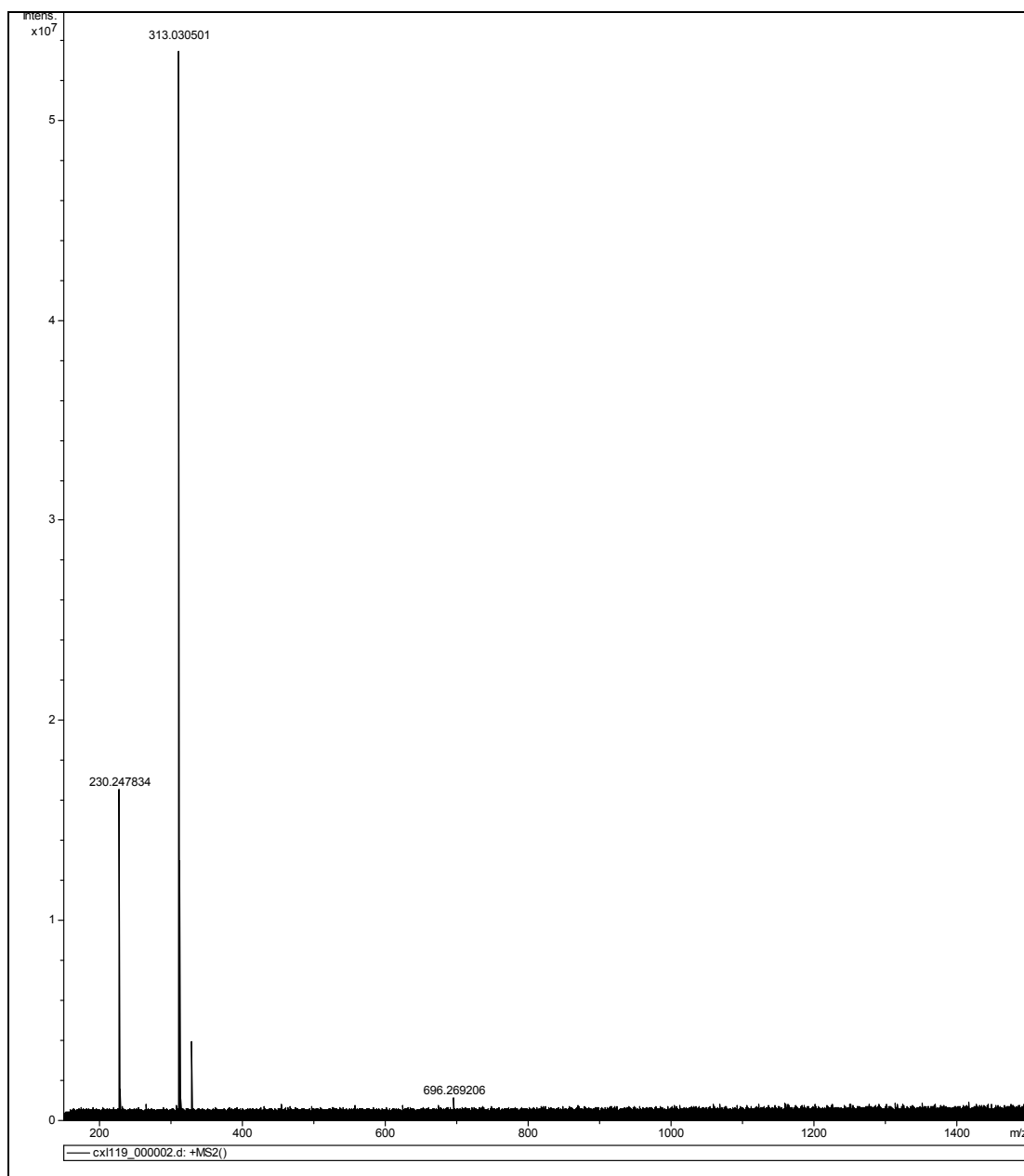
3m. HRMS (ESI) m/z calcd for $C_{18}H_{18}O_6Na^+$ ($M+Na$) $^+$ 385.071630, found 385.071553.



3n. HRMS (ESI) m/z calcd for C₁₆H₁₁F₃O₄Na⁺ (M+Na)⁺ 379.022235, 379.093319.



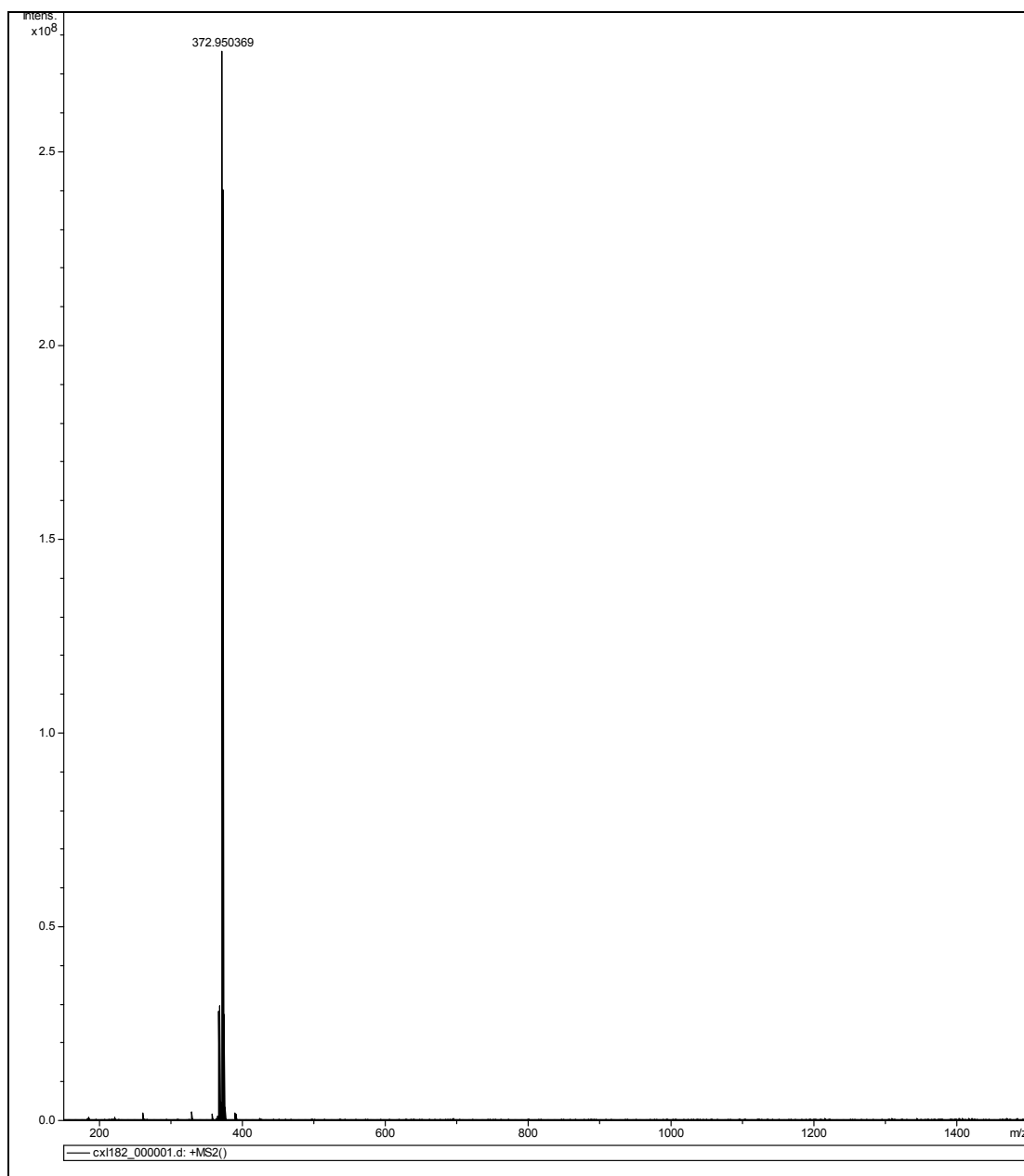
3o. HRMS (ESI) m/z calcd for $C_{15}H_{11}FO_3Na^+$ ($M+Na$) $^+$ 313.030514, found 313.030501.



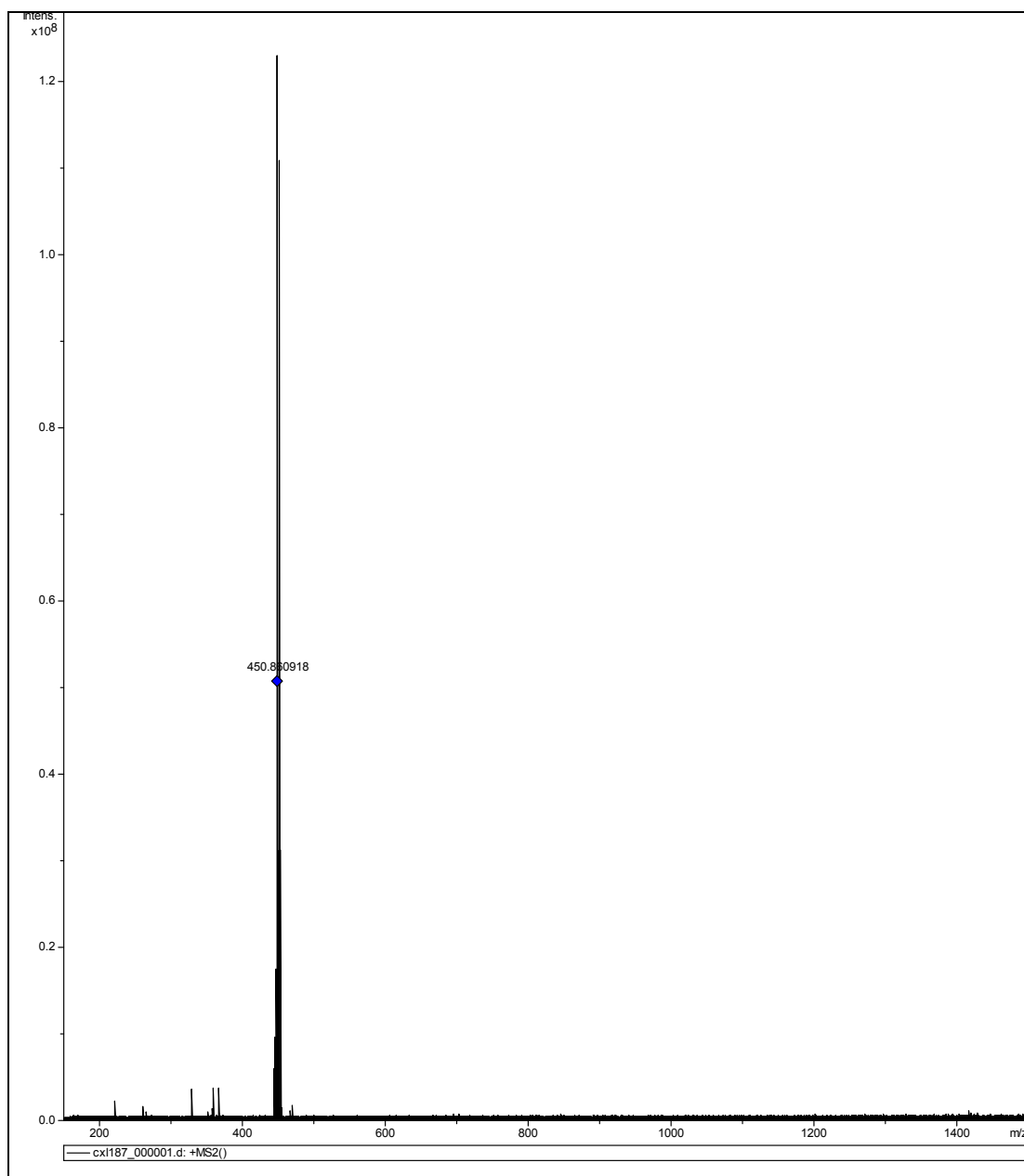
3p. HRMS (ESI) m/z calcd for $C_{15}H_{11}ClO_3Na^+$ ($M+Na$) $^+$ 329.000964, found 329.000928.



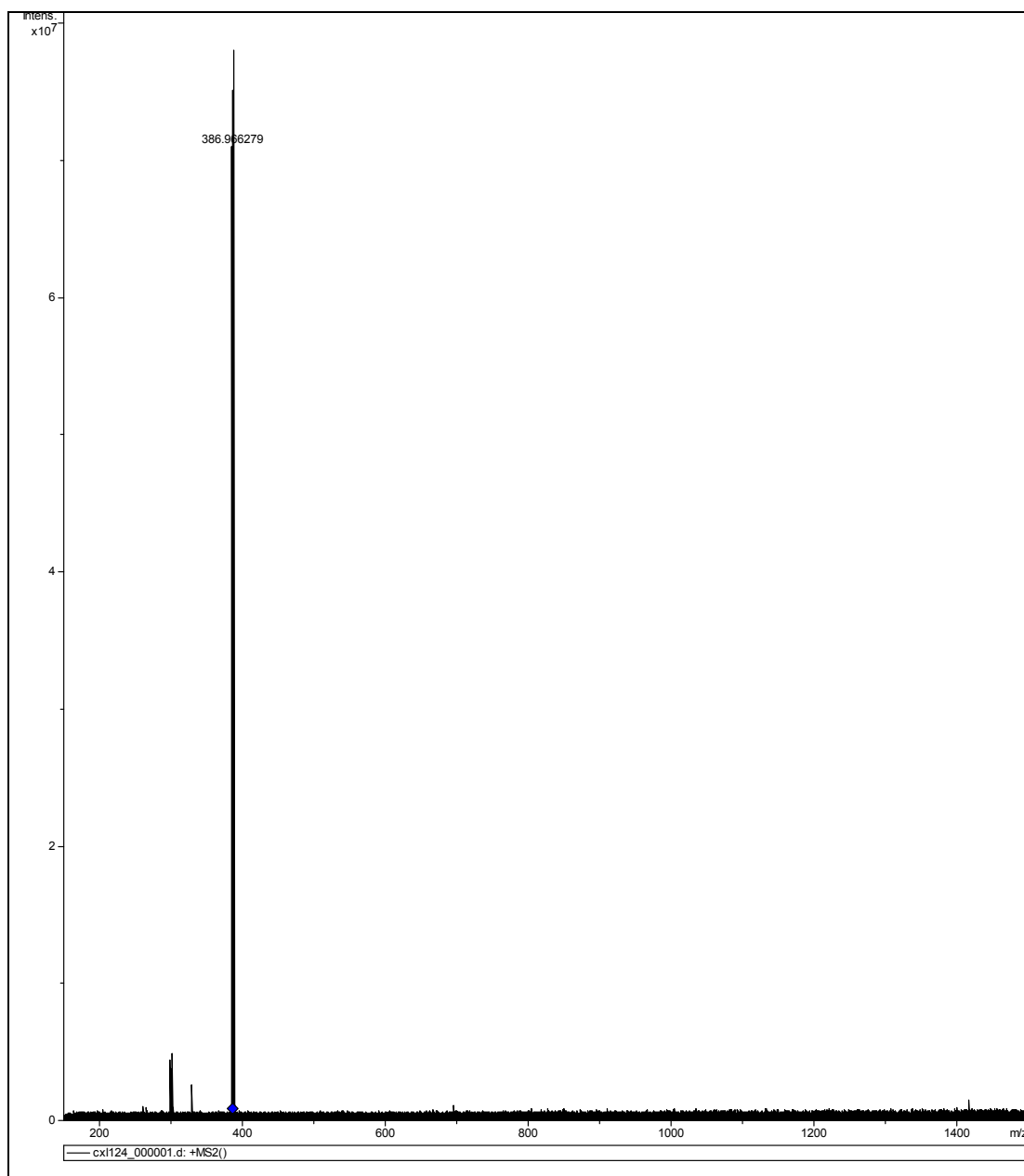
3q. HRMS (ESI) m/z calcd for $C_{15}H_{11}BrO_3SNa^+$ ($M+Na$) $^+$ 372.950449, found 372.950369.



3r. HRMS (ESI) m/z calcd for $C_{15}H_{10}Br_2O_3SNa^+$ ($M+Na$) $^+$ 450.860962, 450.860918.

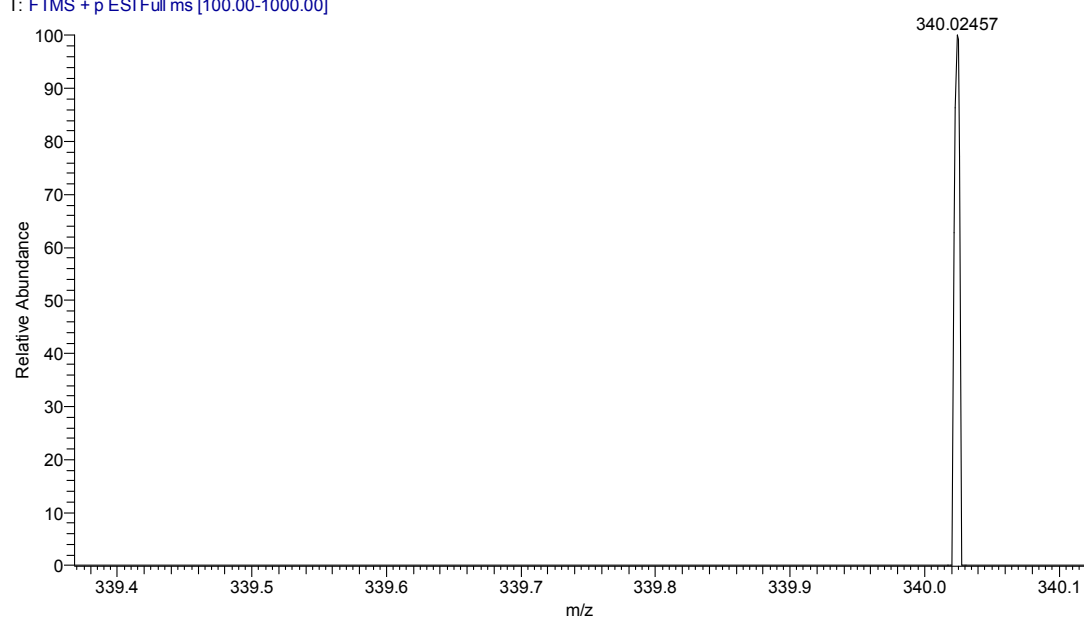


3s. HRMS (ESI) m/z calcd for $C_{16}H_{13}BrO_3SNa^+$ ($M+Na$) $^+$ 386.966099, found 386.966279.

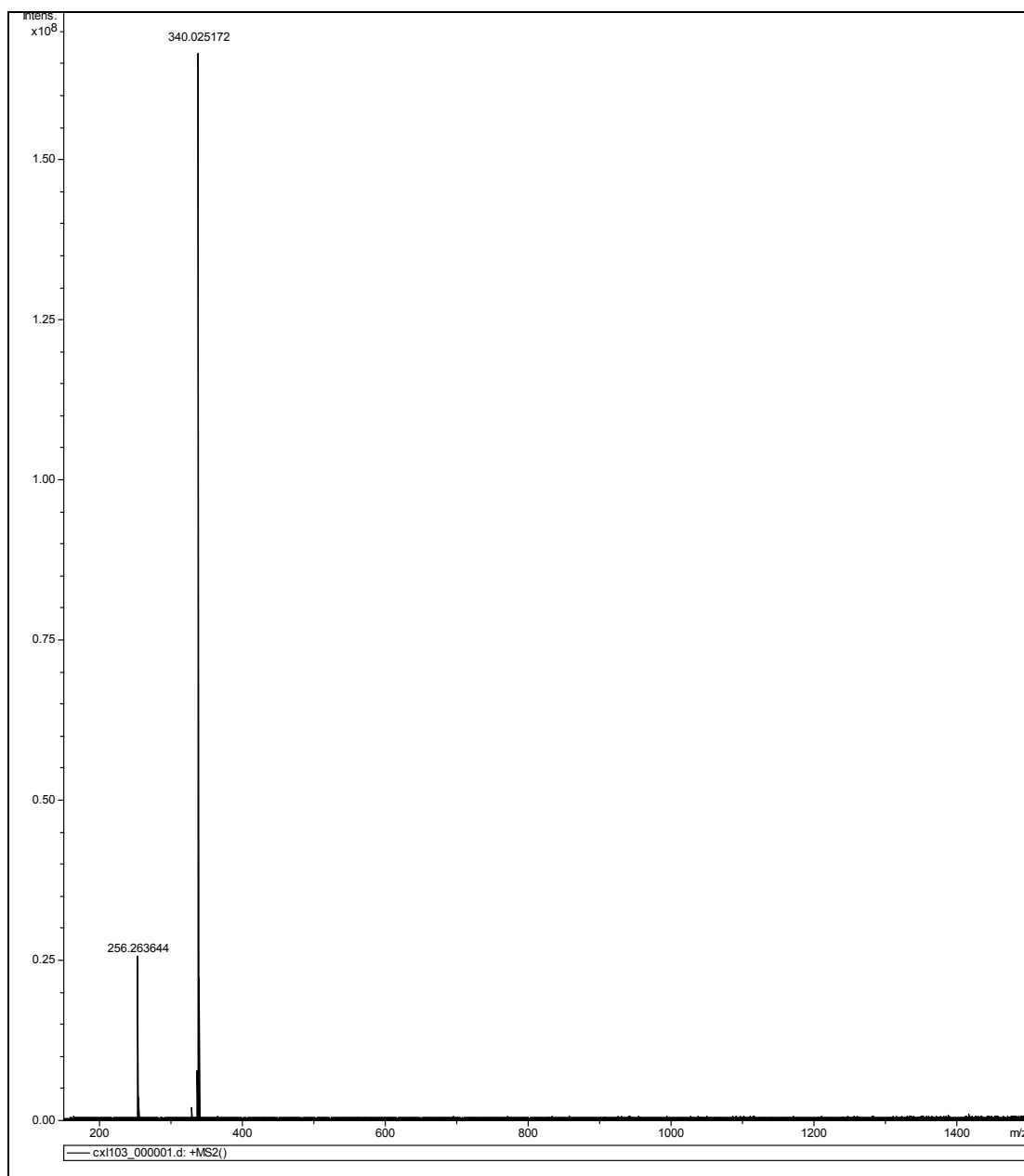


3t. HRMS (ESI) m/z calcd for C₁₅H₁₁NO₅Na⁺ (M+Na)⁺ 340.02501, found 340.02457.

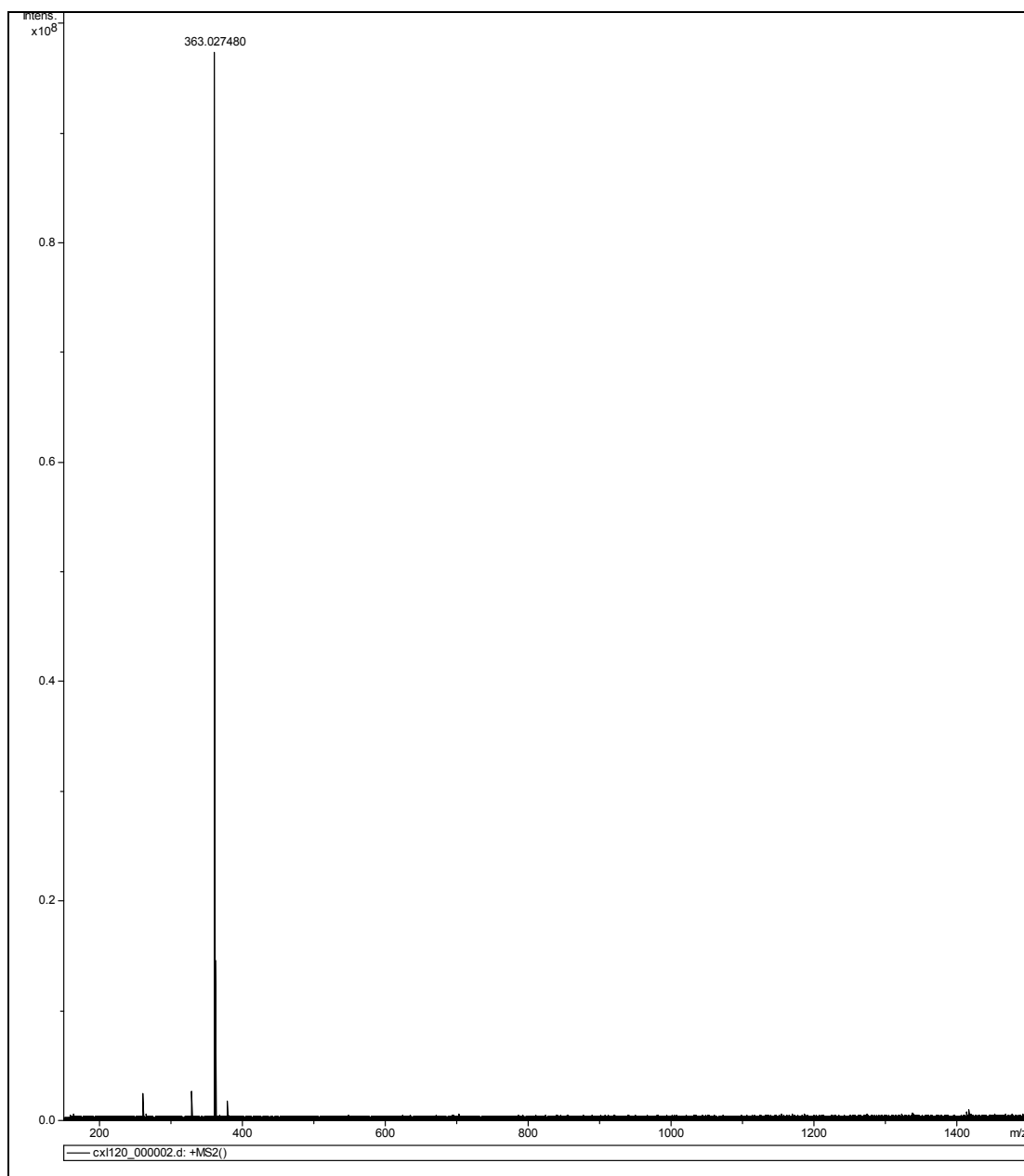
00157 #55 RT: 0.78 AV: 1 NL: 1.81E4
T: FTMS + p ESI Full ms [100.00-1000.00]



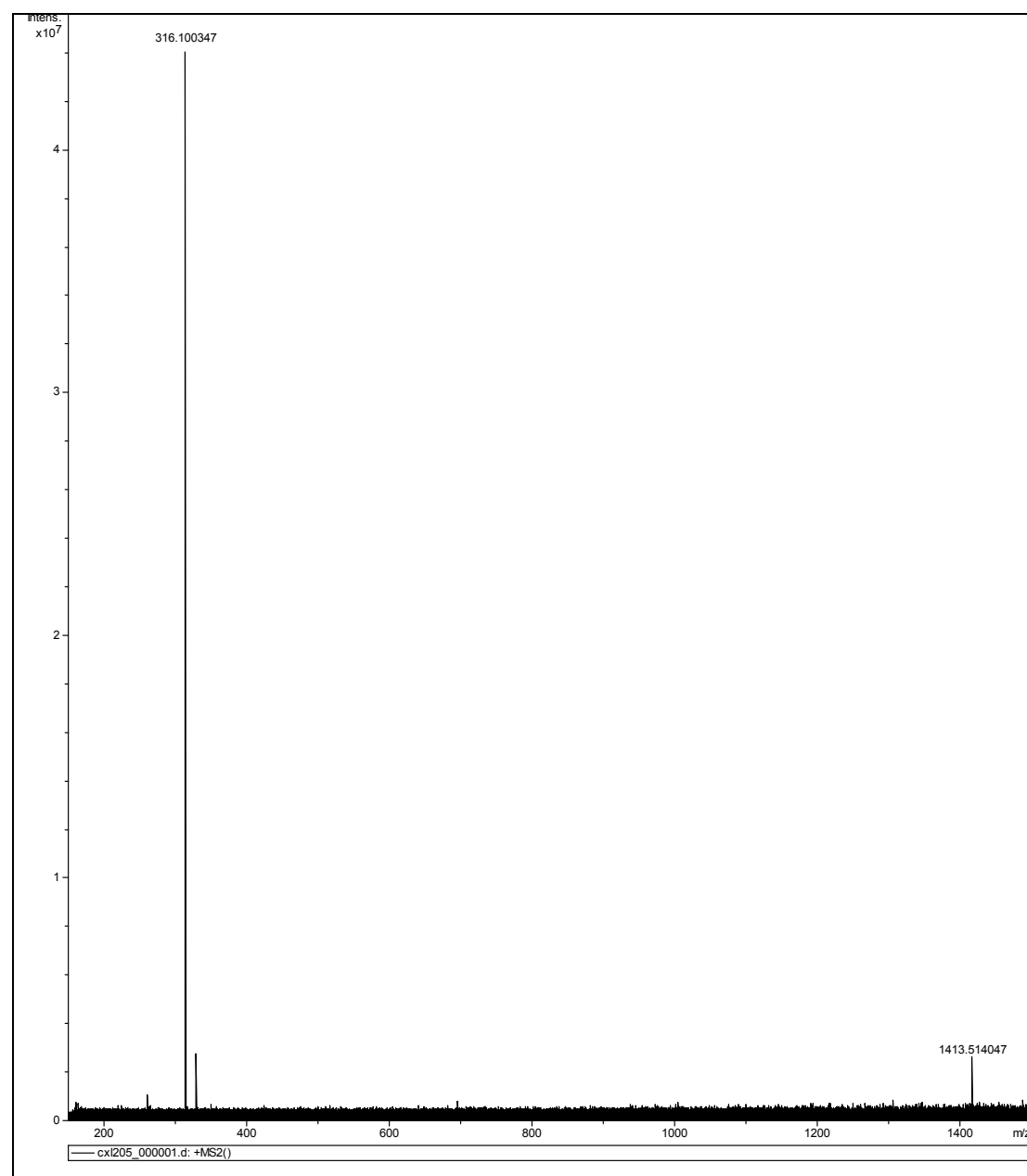
3u. HRMS (ESI) m/z calcd for $C_{15}H_{11}NO_5Na^+$ ($M+Na$) $^+$ 340.025014, found 340.025172.



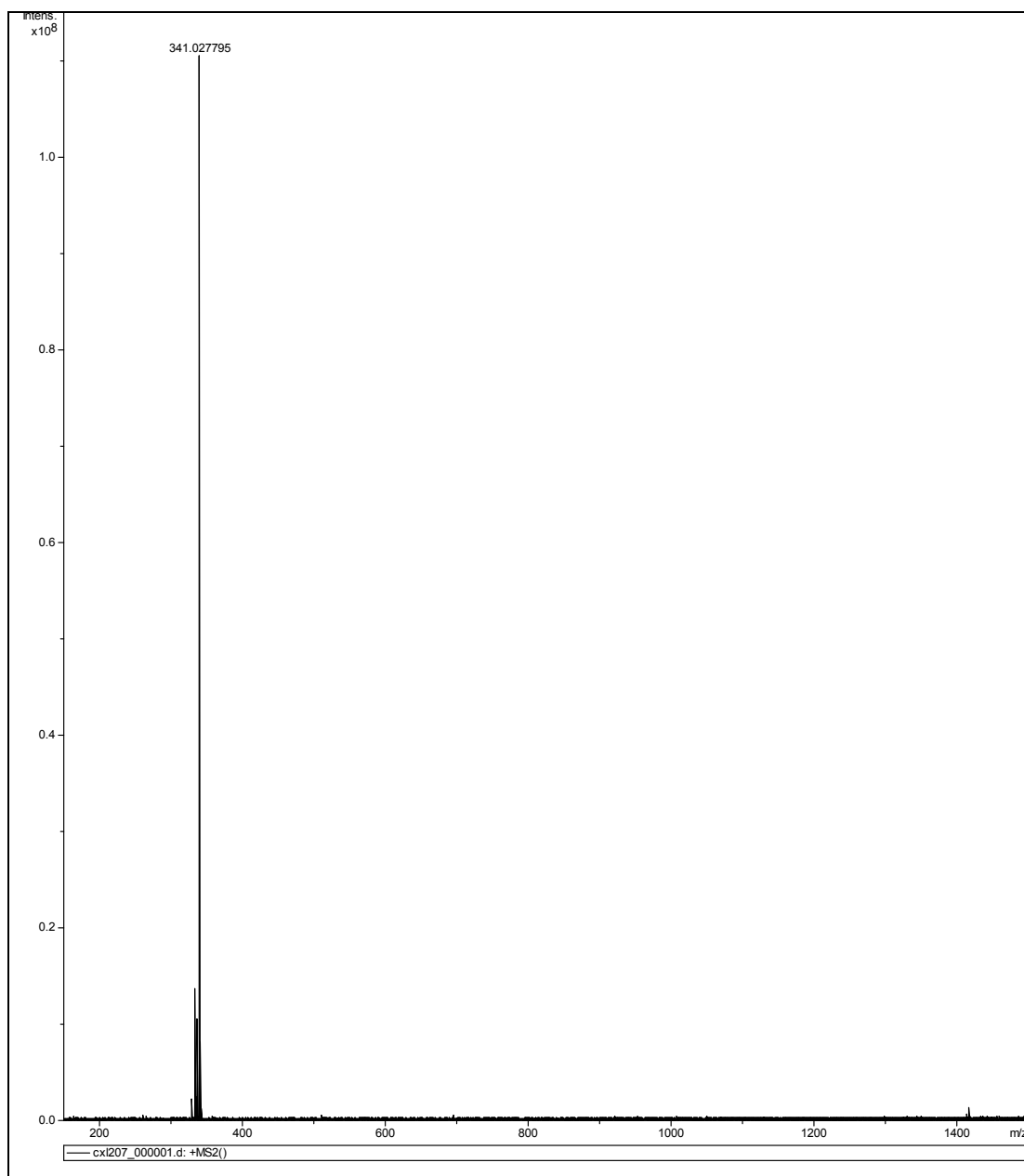
3v. HRMS (ESI) m/z calcd for C₁₆H₁₁F₃O₃Na⁺ (M+Na)⁺ 363.027321, found 363.027480.



3w. HRMS (ESI) m/z calcd for $C_{17}H_{18}NO_3S^+$ ($M+Na$) $^+$ 316.100191, found 316.100347.

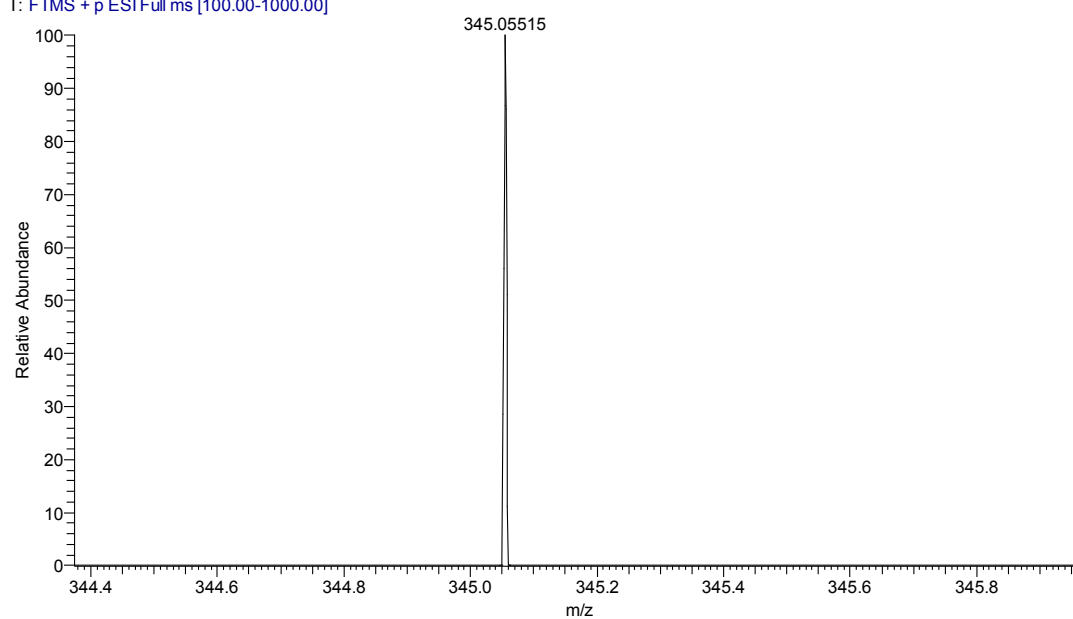


3x. HRMS (ESI) m/z calcd for C₁₆H₁₄O₃S₂Na⁺ (M+Na)⁺ 341.027657, found 341.027795.

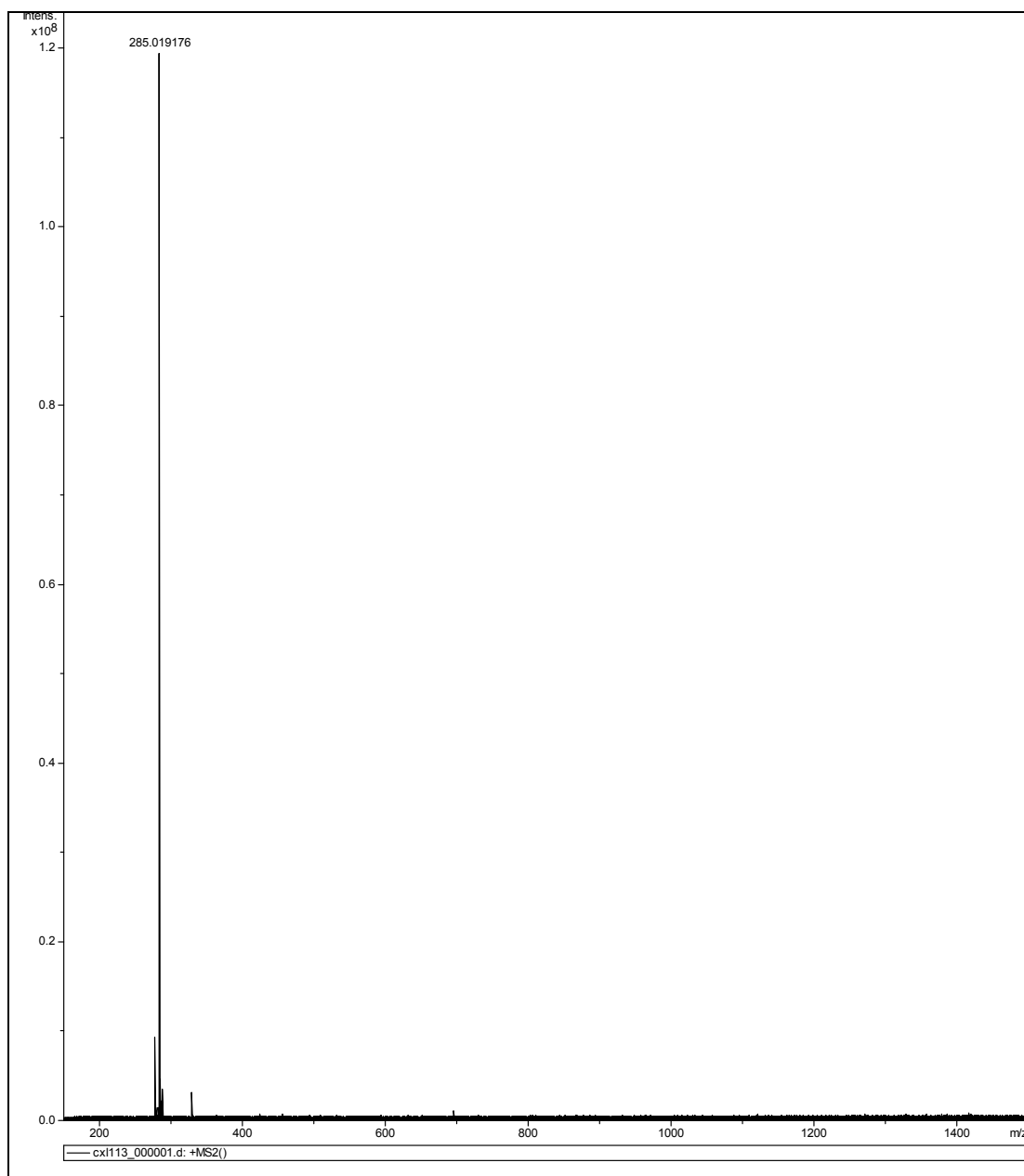


3y. HRMS (ESI) m/z calcd for C₁₉H₁₄O₃Na⁺ (M+Na)⁺ 345.05559, found 345.05515.

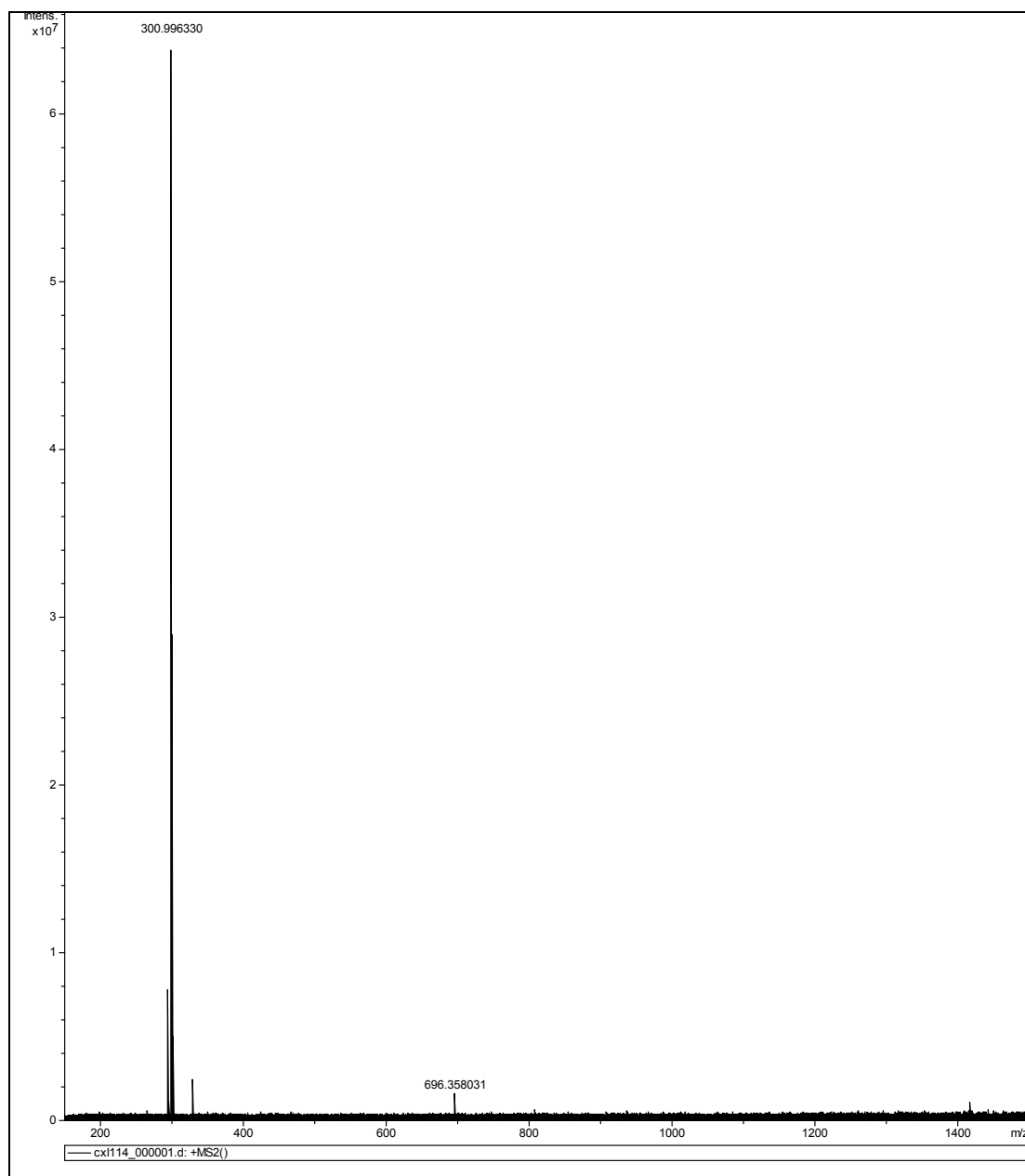
00158 #16 RT: 0.22 AV: 1 NL: 1.03E4
T: FTMS + p ESI Full ms [100.00-1000.00]



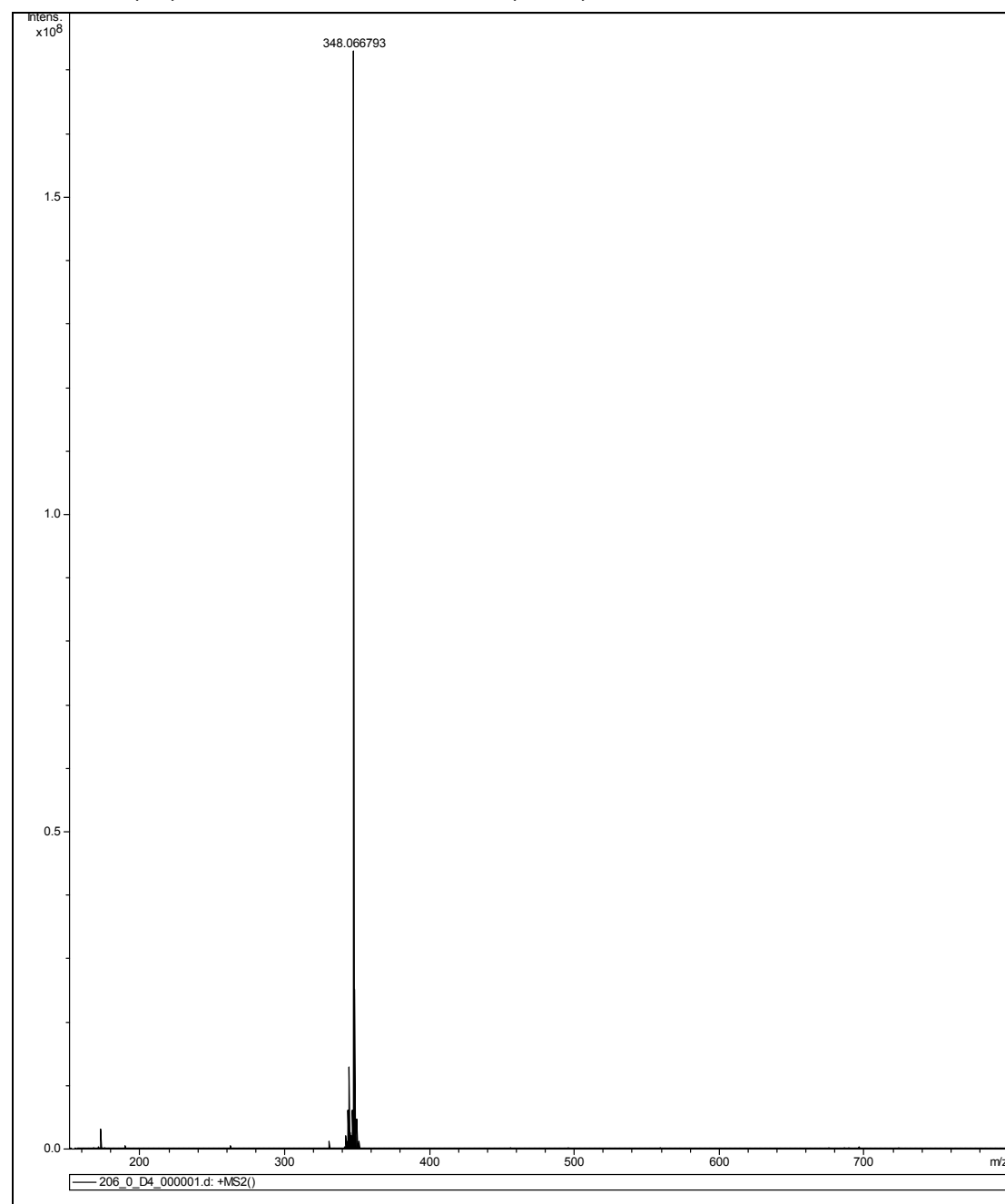
3z. HRMS (ESI) m/z calcd for C₁₃H₁₀O₄Na⁺ (M+Na)⁺ 285.019201, found 285.019176.



3aa. HRMS (ESI) m/z calcd for $C_{13}H_{10}O_3S_2Na^+$ ($M+Na$) $^+$ 300.996357, found 300.996330.



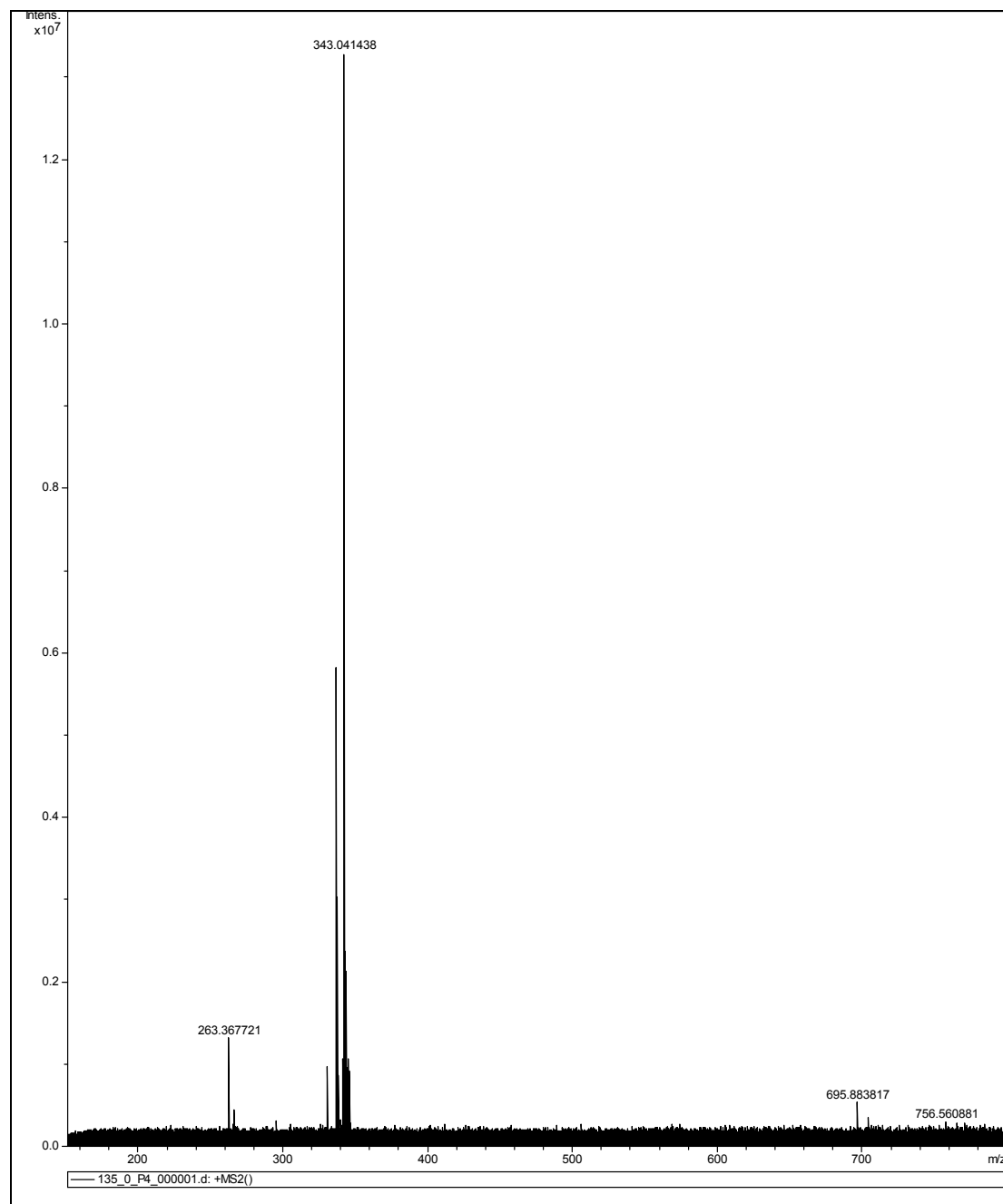
3ab. HRMS (ESI) m/z calcd for C₁₈H₁₅NO₃Na⁺ (M+Na)⁺ 348.066485, found 348.066793.



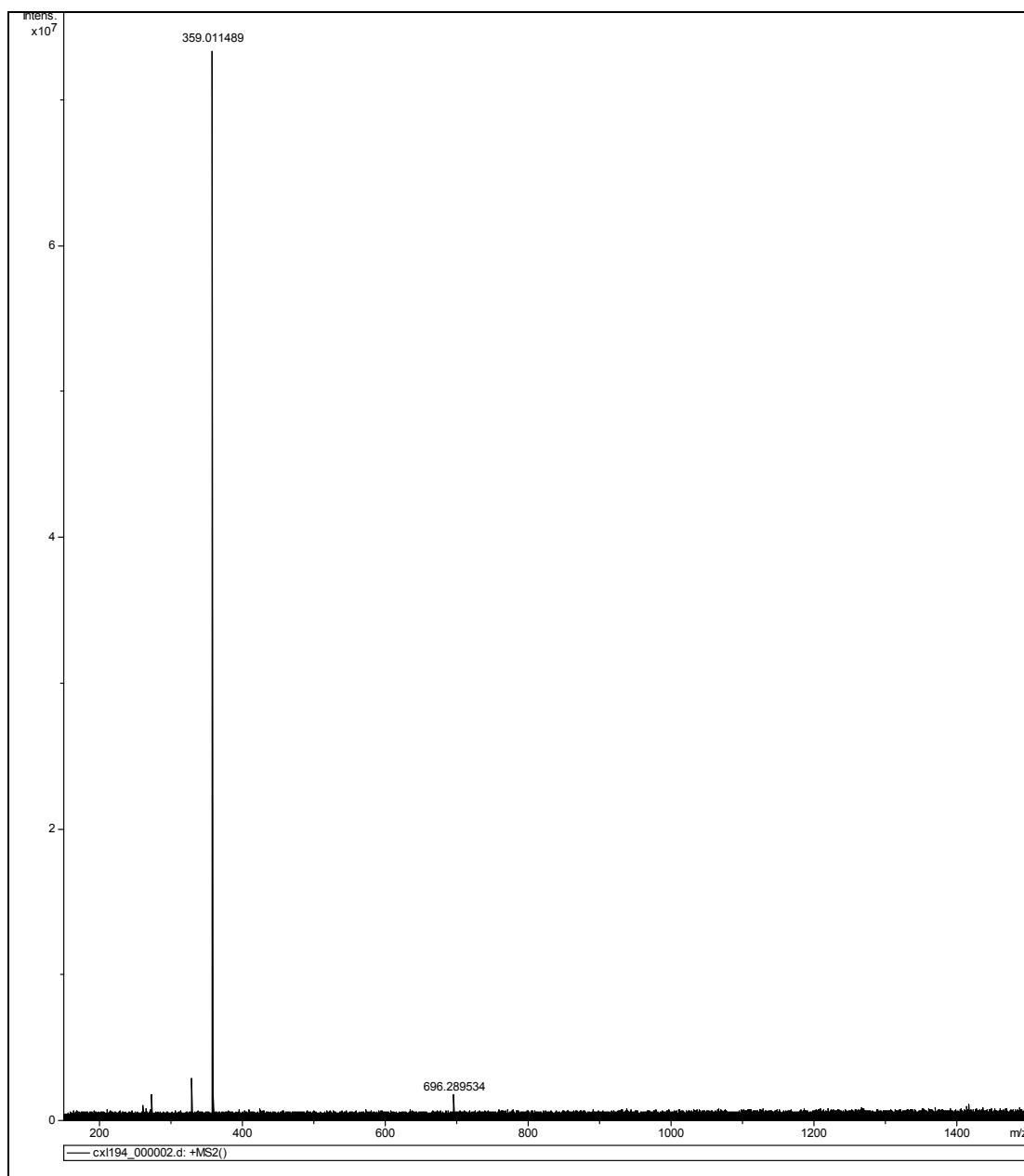
3ac. HRMS (ESI) m/z calcd for $C_{17}H_{14}O_3Na^+$ ($M+Na$) $^+$ 321.055586, found 321.055709.



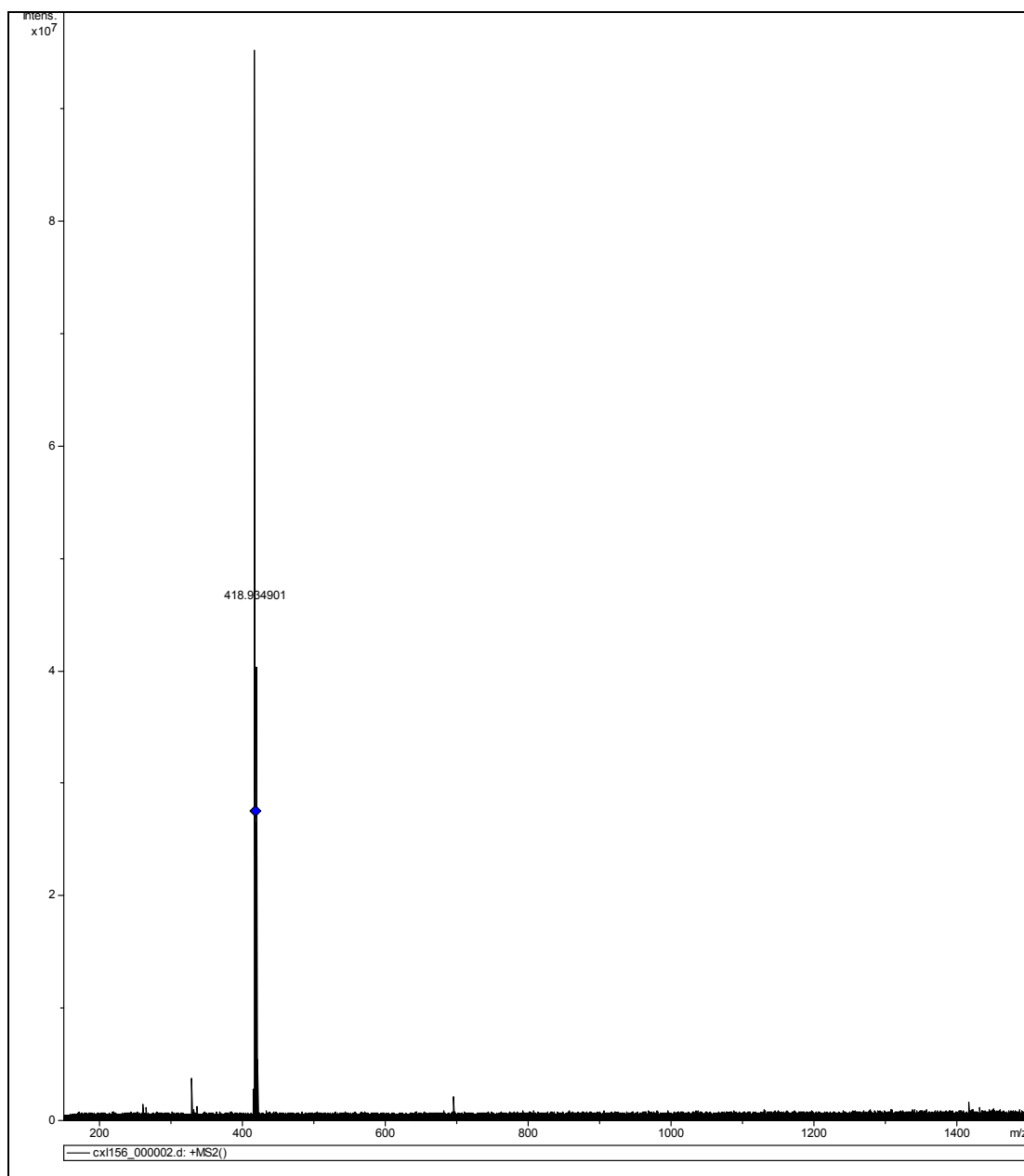
3ad. HRMS (ESI) m/z calcd for $C_{16}H_{13}FO_4SNa^+$ ($M+Na$) $^+$ 343.041079, found 343.041438.



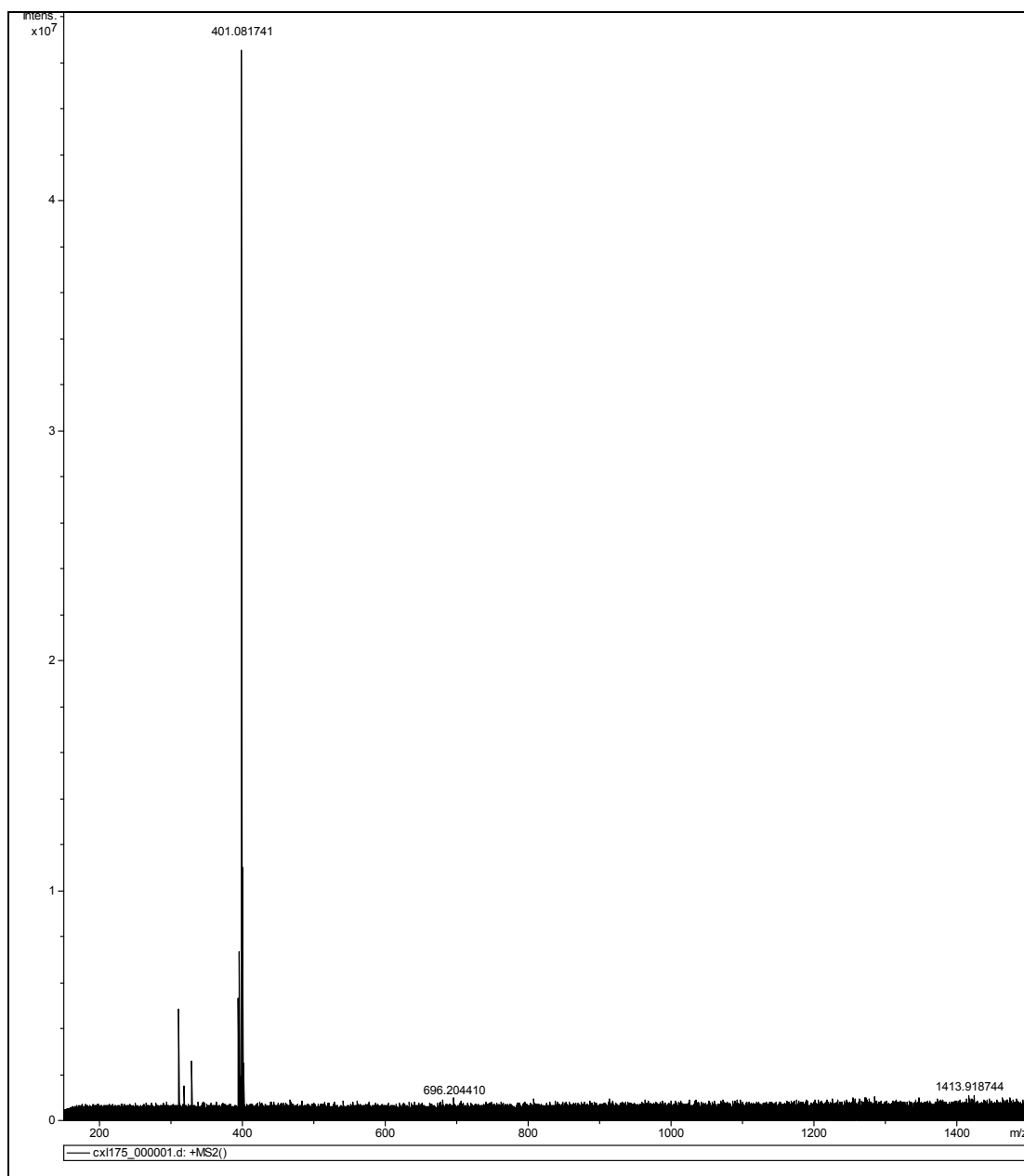
3ae. HRMS (ESI) m/z calcd for $C_{16}H_{13}ClO_4SNa^+$ ($M+Na$) $^+$ 359.011528, found 359.011489.



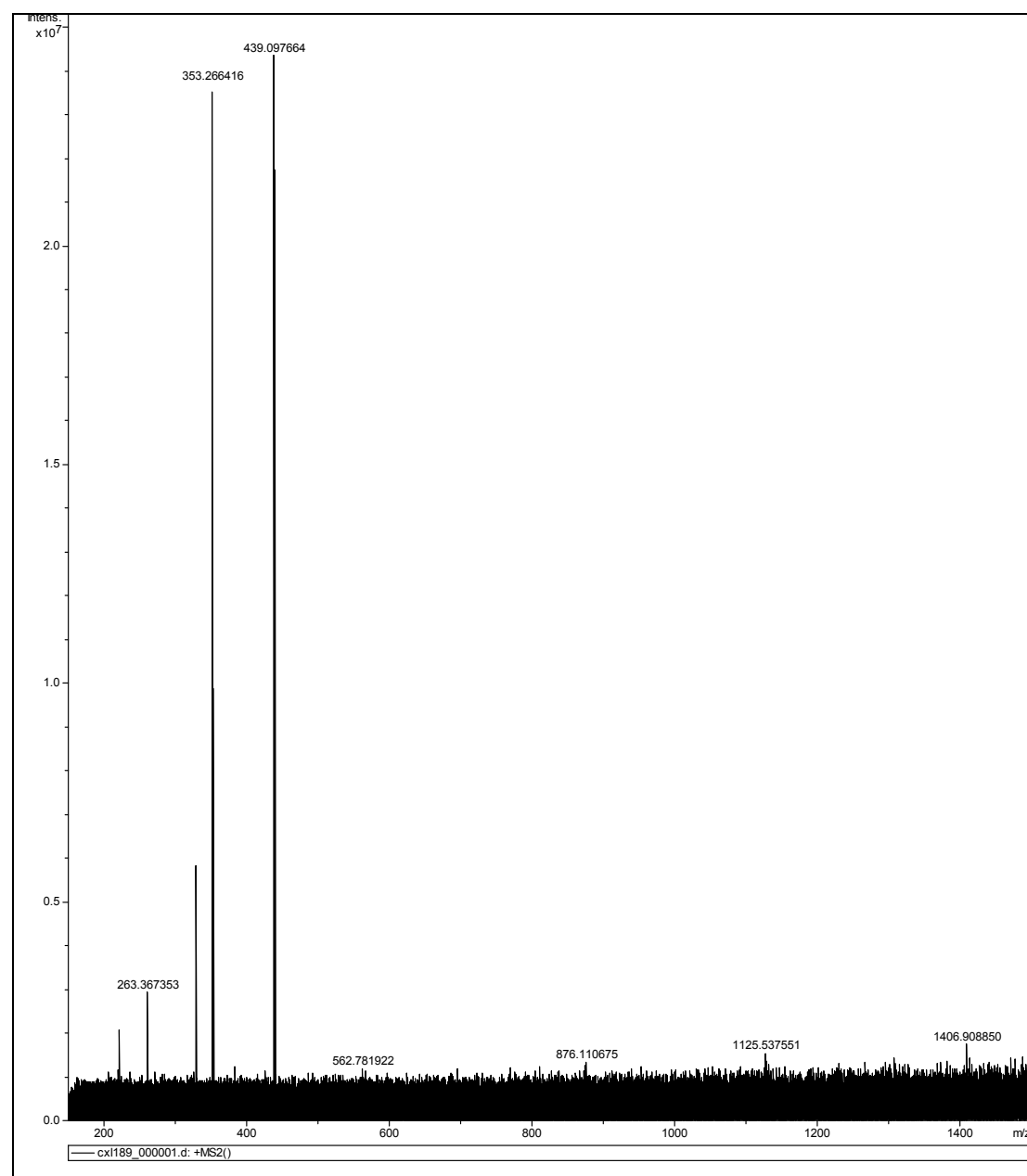
3af. HRMS (ESI) m/z calcd for $C_{16}H_{13}BrO_4SK^+$ (M+K) $^+$ 418.934951, found 418.934901.



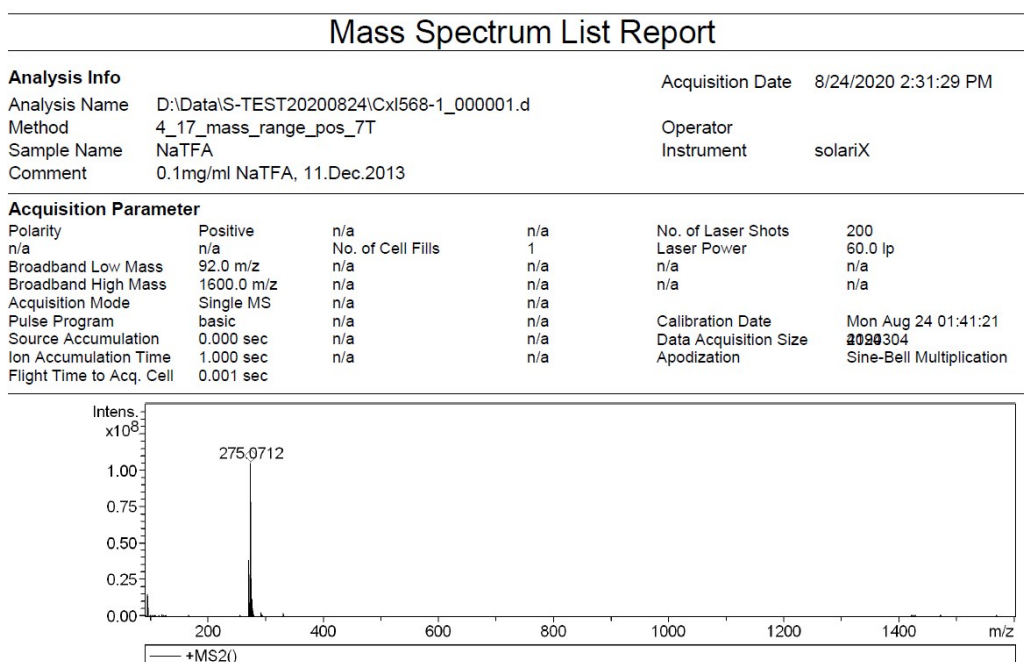
3ag. HRMS (ESI) m/z calcd for C₂₂H₁₈O₄Na⁺ (M+Na)⁺ 401.081801, found 401.081741.



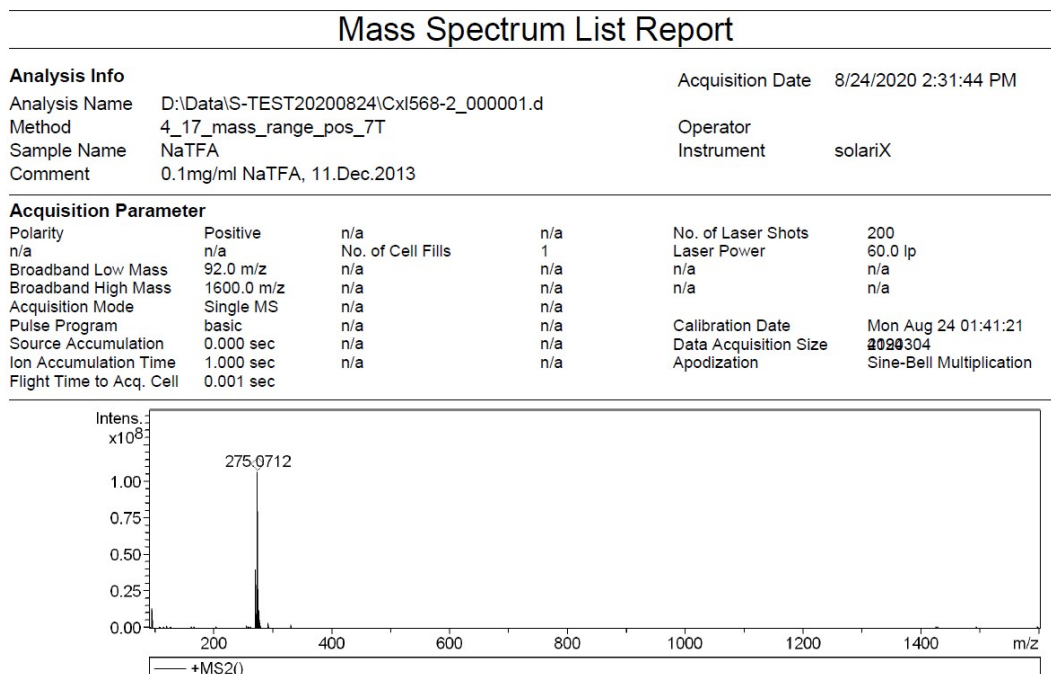
3ah. HRMS (ESI) m/z calcd for $C_{25}H_{20}O_4Na^+ (M+Na)^+$ 439.097451, found 439.097664.



3ai.HRMS (ESI) m/z calcd for C₁₃H₁₆O₃Na⁺ (M+Na)⁺ 275.0712, found 275.0712.

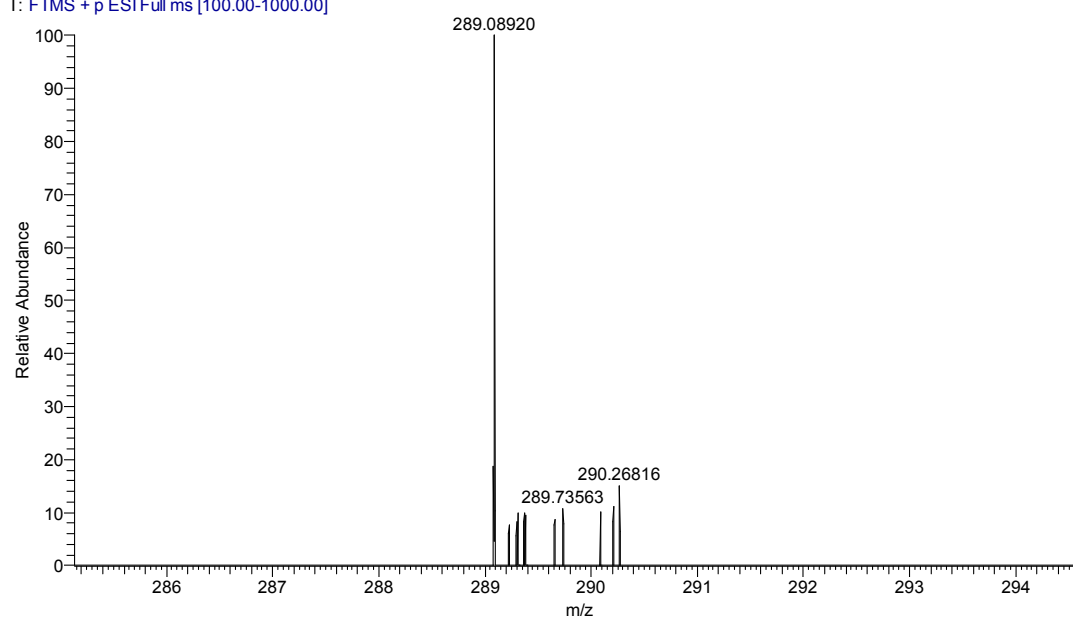


3aj. HRMS (ESI) m/z calcd for C₁₃H₁₆O₃Na⁺ (M+Na)⁺ 275.0712, found 275.0712.



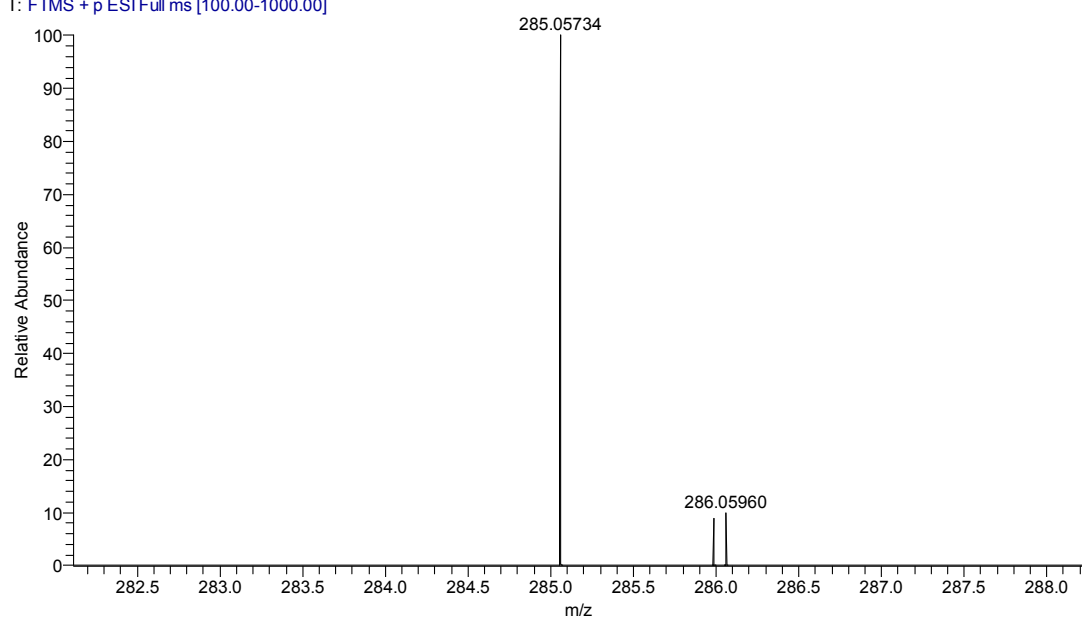
4b. HRMS (ESI) m/z calcd for C₁₆H₁₇O₃S⁺ (M+H)⁺ 289.08929, found 289.08920.

00162 #30 RT: 0.42 AV: 1 NL: 2.64E5
T: FTMS + p ESI Full ms [100.00-1000.00]



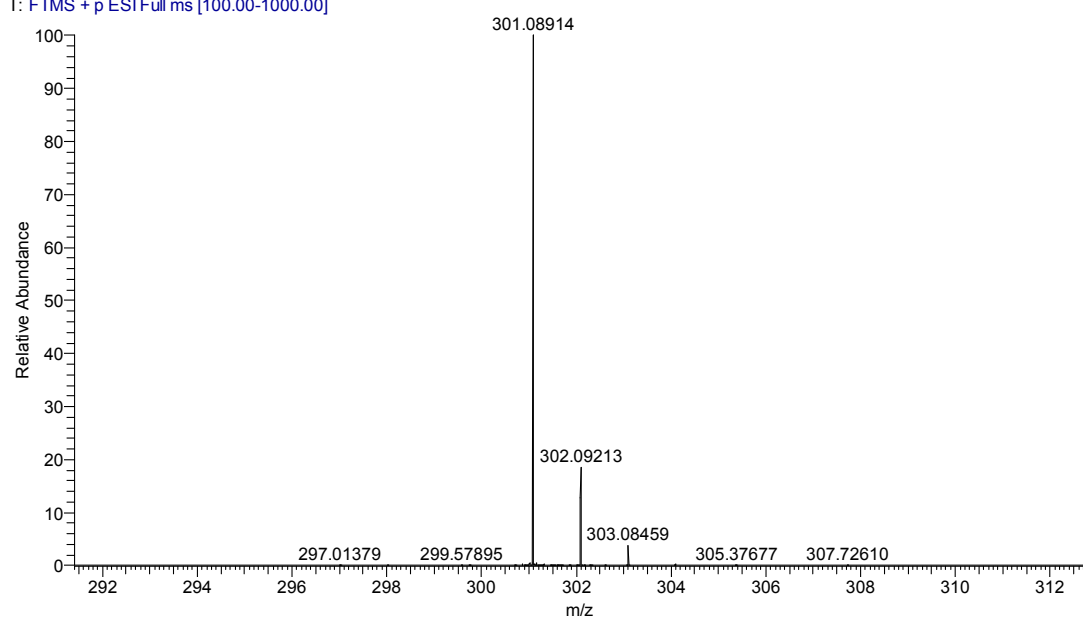
5b. HRMS (ESI) m/z calcd for C₁₆H₁₃O₃S⁺ (M+H)⁺ 285.05799, found 285.05734.

00163 #36 RT: 0.50 AV: 1 NL: 2.53E5
T: FTMS + p ESI Full ms [100.00-1000.00]



7. HRMS (ESI) m/z calcd for C₁₇H₁₇O₃S⁺ (M+H)⁺ 301.08929, found 301.08914.

00160 #26 RT: 0.36 AV: 1 NL: 1.35E8
T: FTMS + p ESI Full ms [100.00-1000.00]



8. MS (EI) m/z calcd for $\text{C}_{16}\text{H}_{12}\text{F}_3\text{IO} \cdot^+ (\text{M}) \cdot^+ 403.99$, found 403.90.

