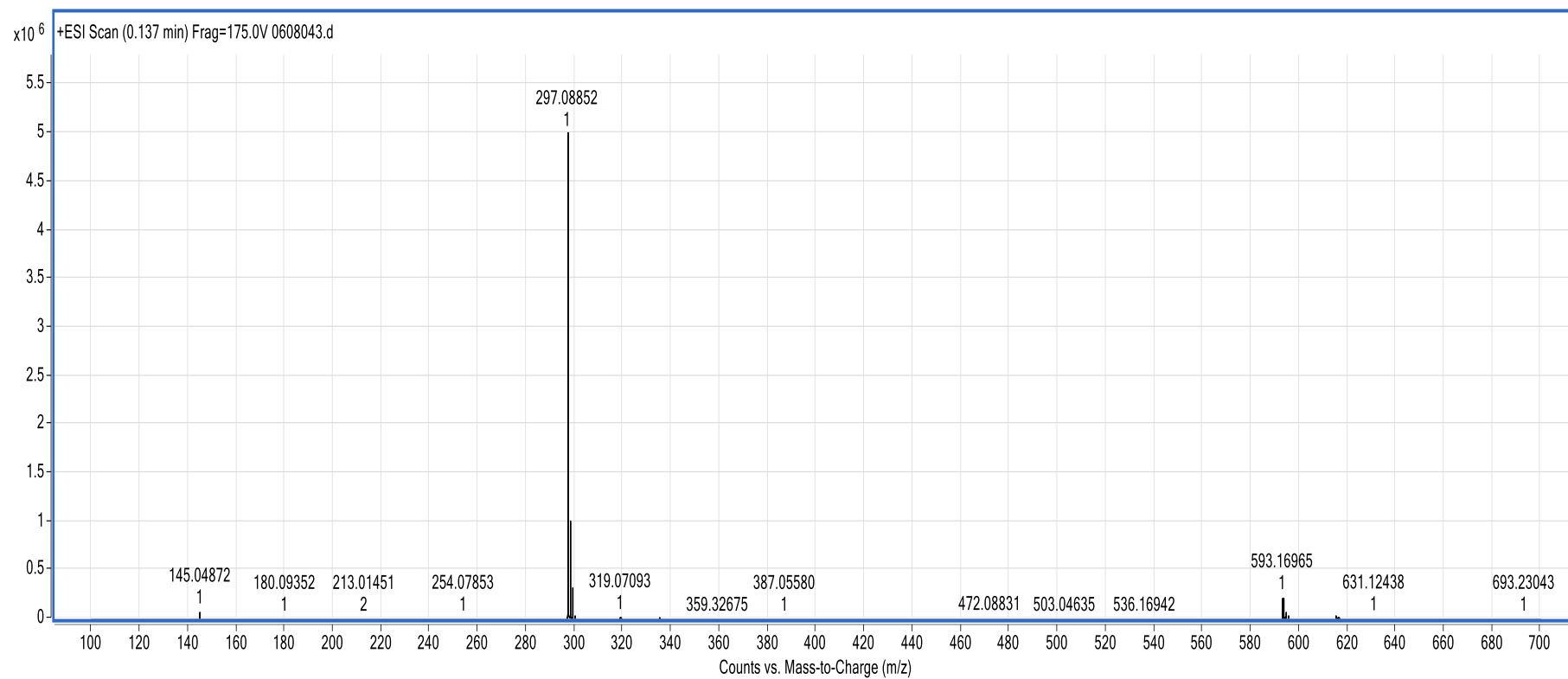


**Synthesis and evaluation of cytotoxic and antimicrobial activity of some 3-aryl-6-phenyl-7H-[1,2,4]triazolo[3,4-*b*][1,3,4]thiadiazines**

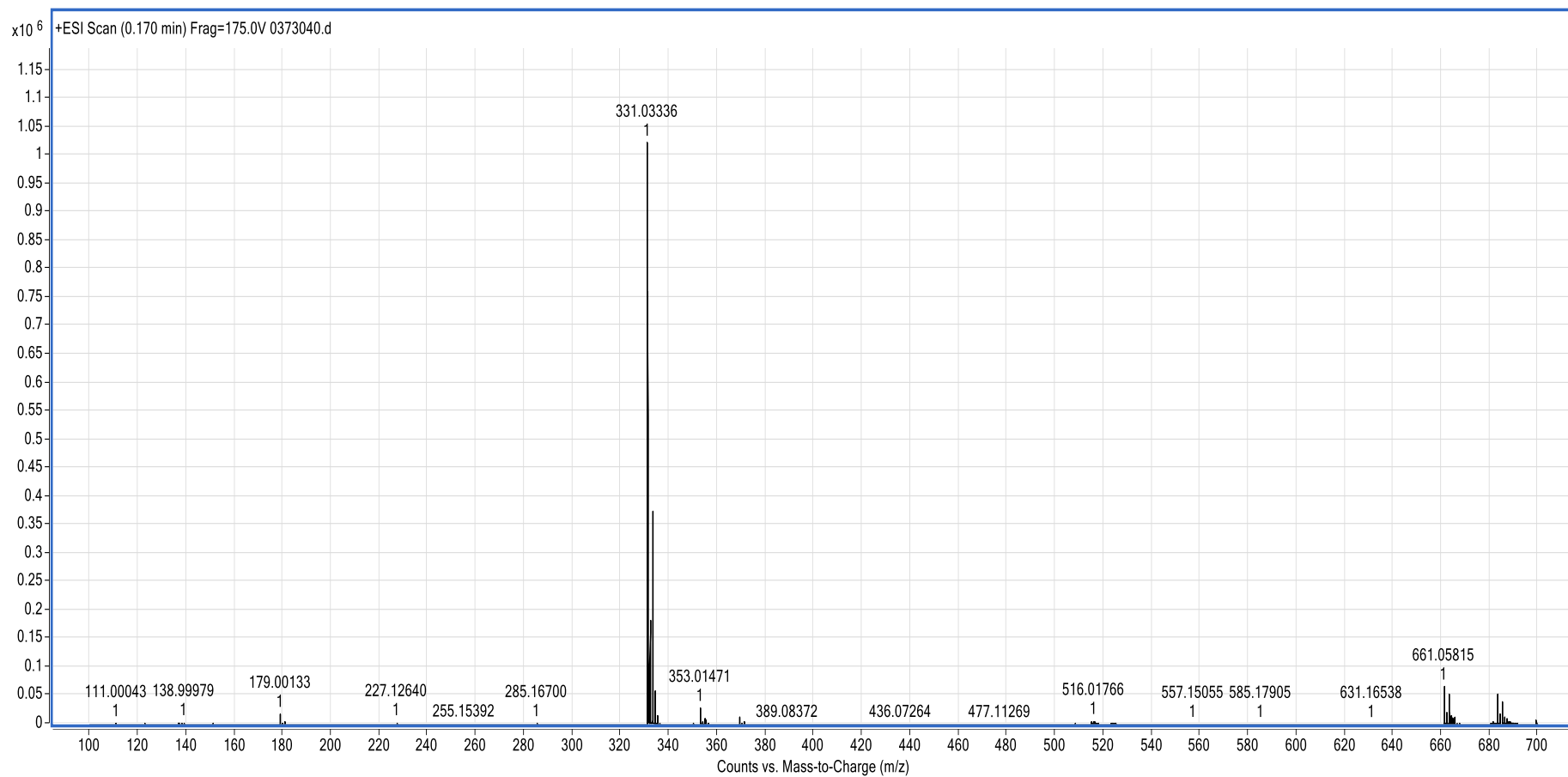
Abdukhakim Ziyaev, Ekaterina Terenteva, Rasul Okmanov, Sobirdjan Sasmakov\*, Turdibek Toshmurodov, Umida Khamidova,  
Muqaddas Umarova, Shakhnoz Azimova

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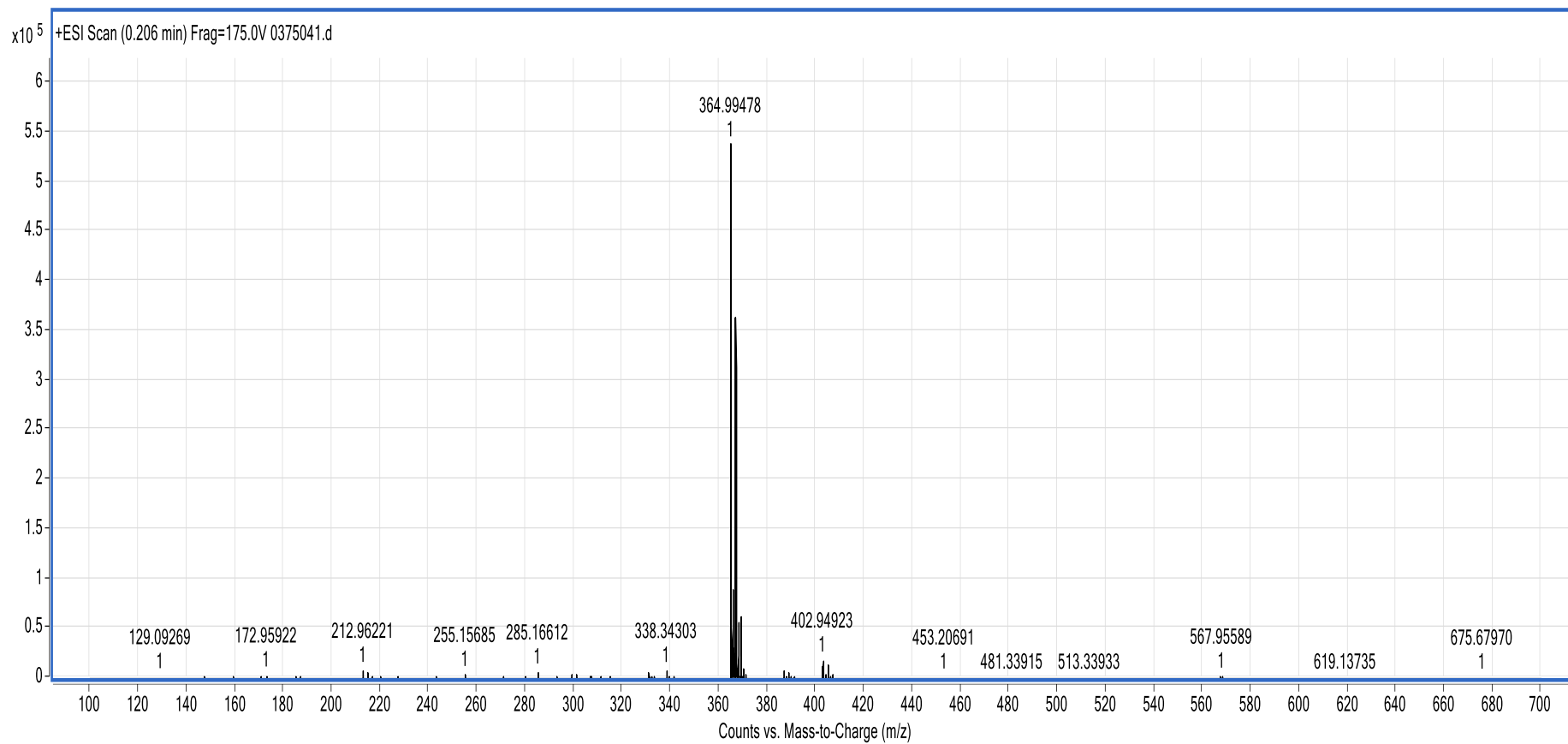
**1-Phenyl-2-((5-phenyl-1,3,4-oxadiazol-2-yl)thio)ethan-1-one (compound 5) - C<sub>16</sub>H<sub>12</sub>N<sub>2</sub>O<sub>2</sub>S**



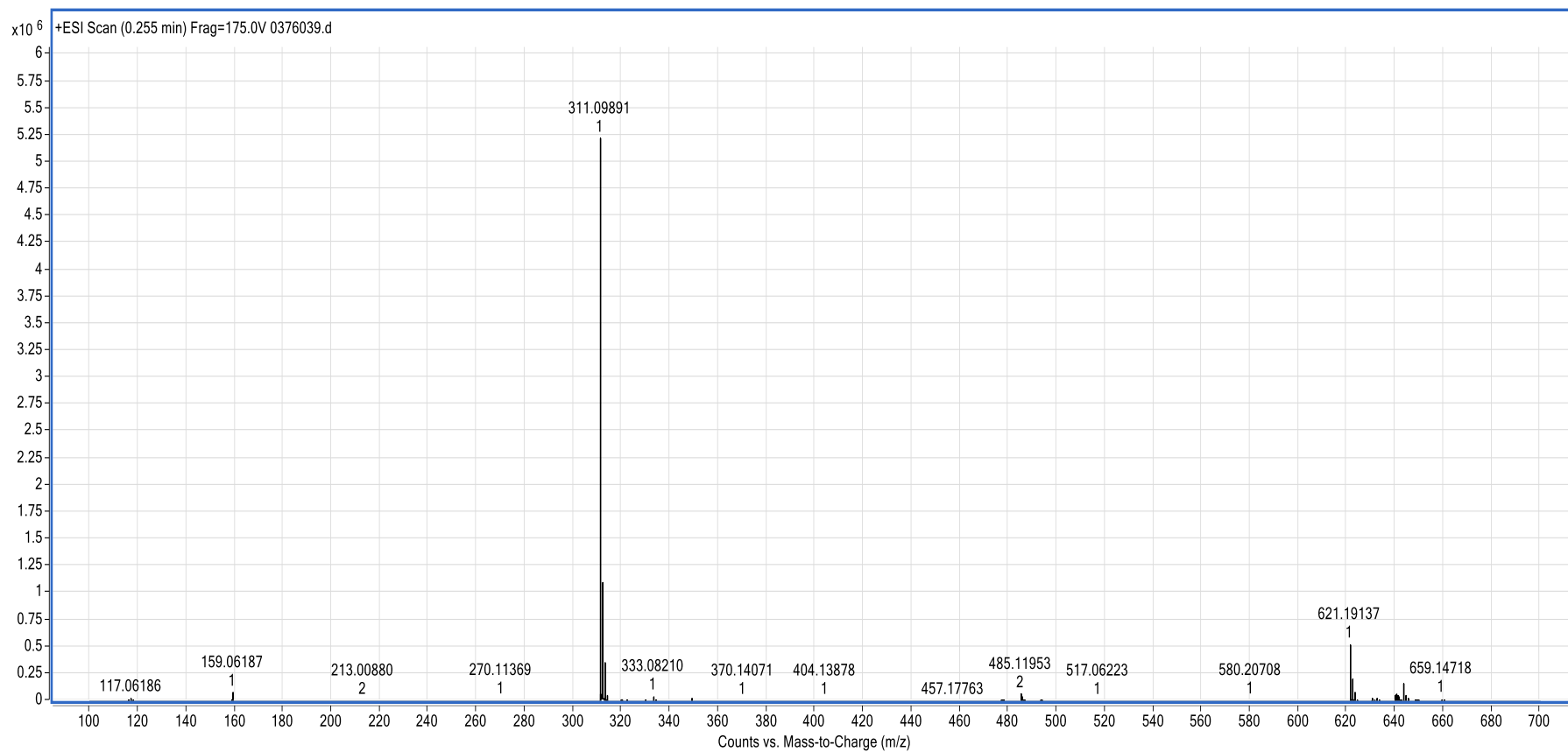
**1-Phenyl-2-((5-(2-chlorophenyl)-1,3,4-oxadiazol-2-yl)thio)ethan-1-one (compound 6) - C<sub>16</sub>H<sub>11</sub>N<sub>2</sub>O<sub>2</sub>SCl**



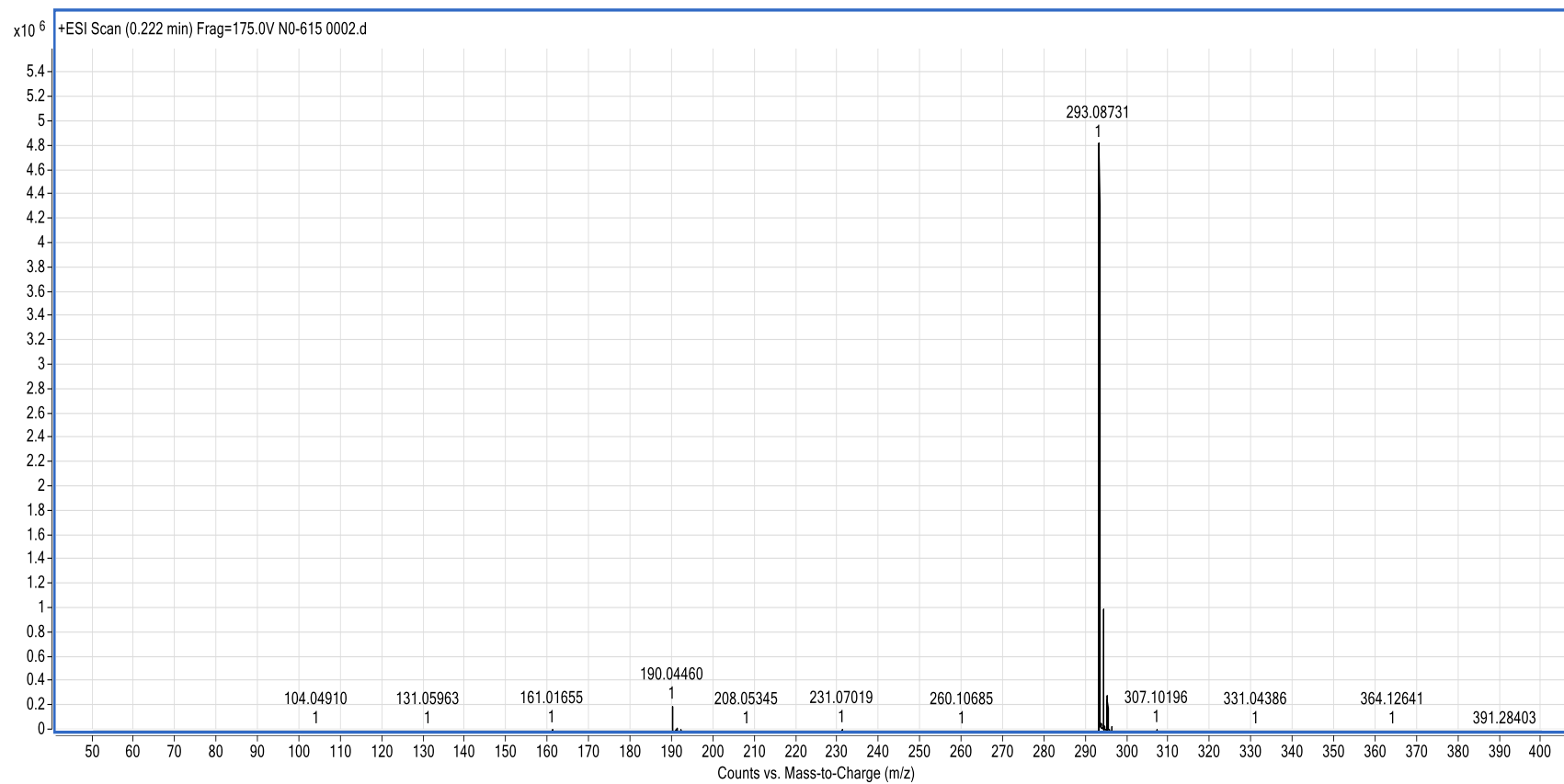
**1-Phenyl-2-((5-(2,4-dichlorophenyl)-1,3,4-oxadiazol-2-yl)thio)ethan-1-one (compound 7) - C<sub>16</sub>H<sub>10</sub>N<sub>2</sub>O<sub>2</sub>SCl<sub>2</sub>**



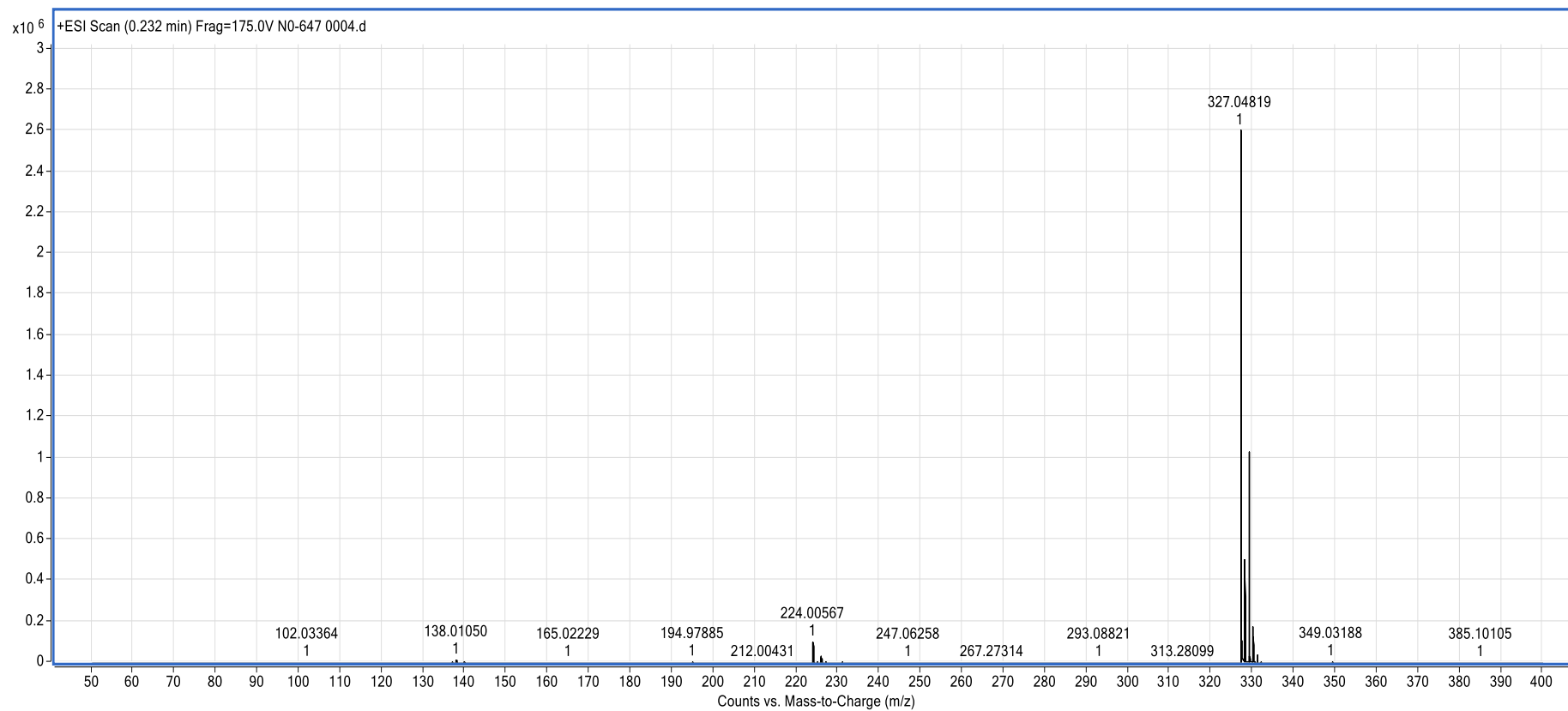
**1-Phenyl-2-((5-(p-tolyl)-1,3,4-oxadiazol-2-yl)thio)ethan-1-one (compound 8) - C<sub>17</sub>H<sub>14</sub>N<sub>2</sub>O<sub>2</sub>S**



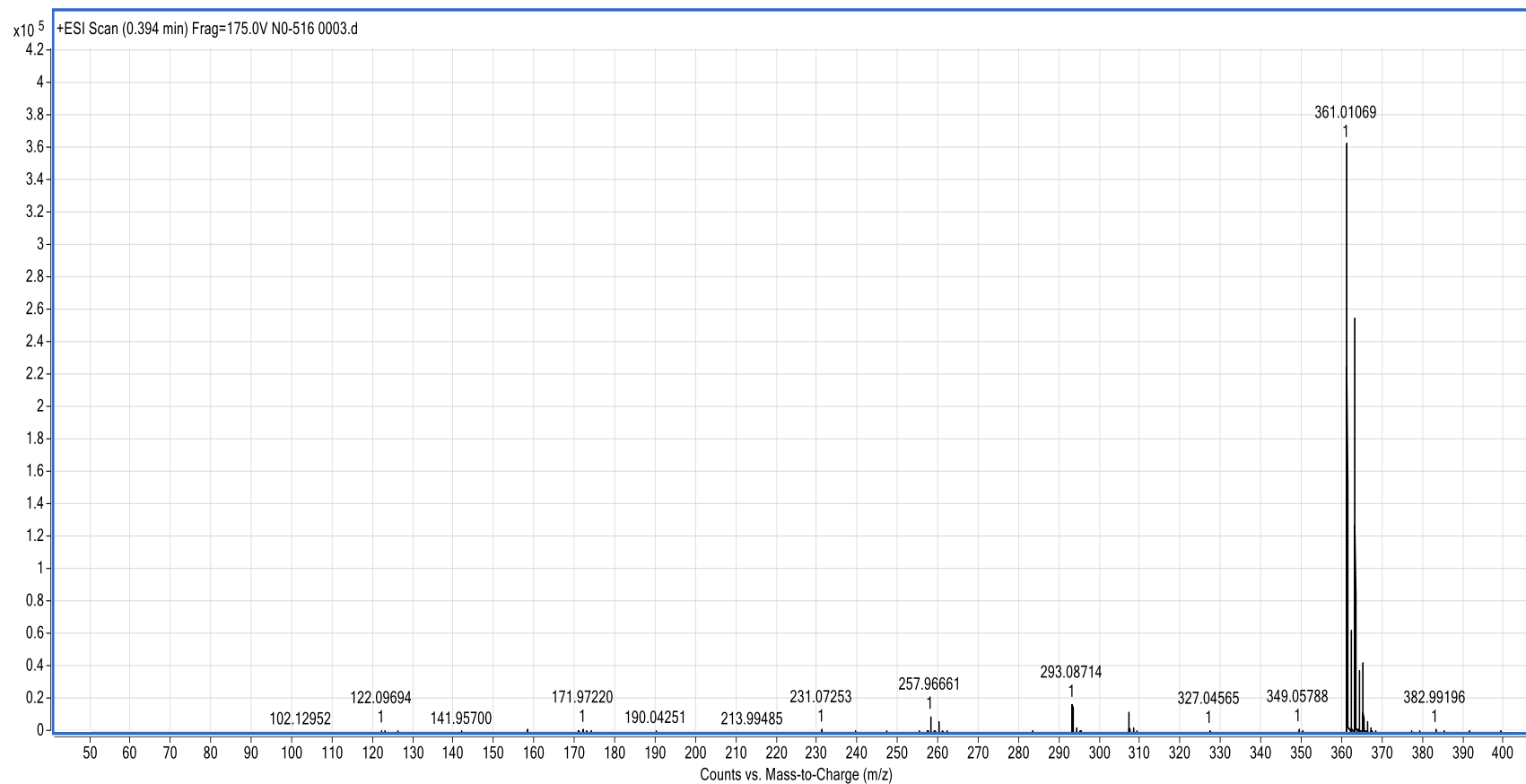
**3,6-Diphenyl-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazine (compound 9) - C<sub>16</sub>H<sub>12</sub>N<sub>4</sub>S**



**3-(2-Chlorophenyl)-6-phenyl-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazine (compound 10) - C<sub>16</sub>H<sub>11</sub>N<sub>4</sub>SCl**



**3-(2,4-Dichlorophenyl)-6-phenyl-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazine (compound 11) - C<sub>16</sub>H<sub>10</sub>N<sub>4</sub>SCl<sub>2</sub>**





**3-(p-Tolyl)-6-phenyl-7H-[1,2,4]triazolo[3,4-b][1,3,4]thiadiazine (compound 12) - C<sub>17</sub>H<sub>14</sub>N<sub>4</sub>S**

