

SUPPORTING INFORMATION

High-throughput Detection of Alkaloidal Plant Metabolome in Plant Extracts using LC-ESI-QTOF-MS

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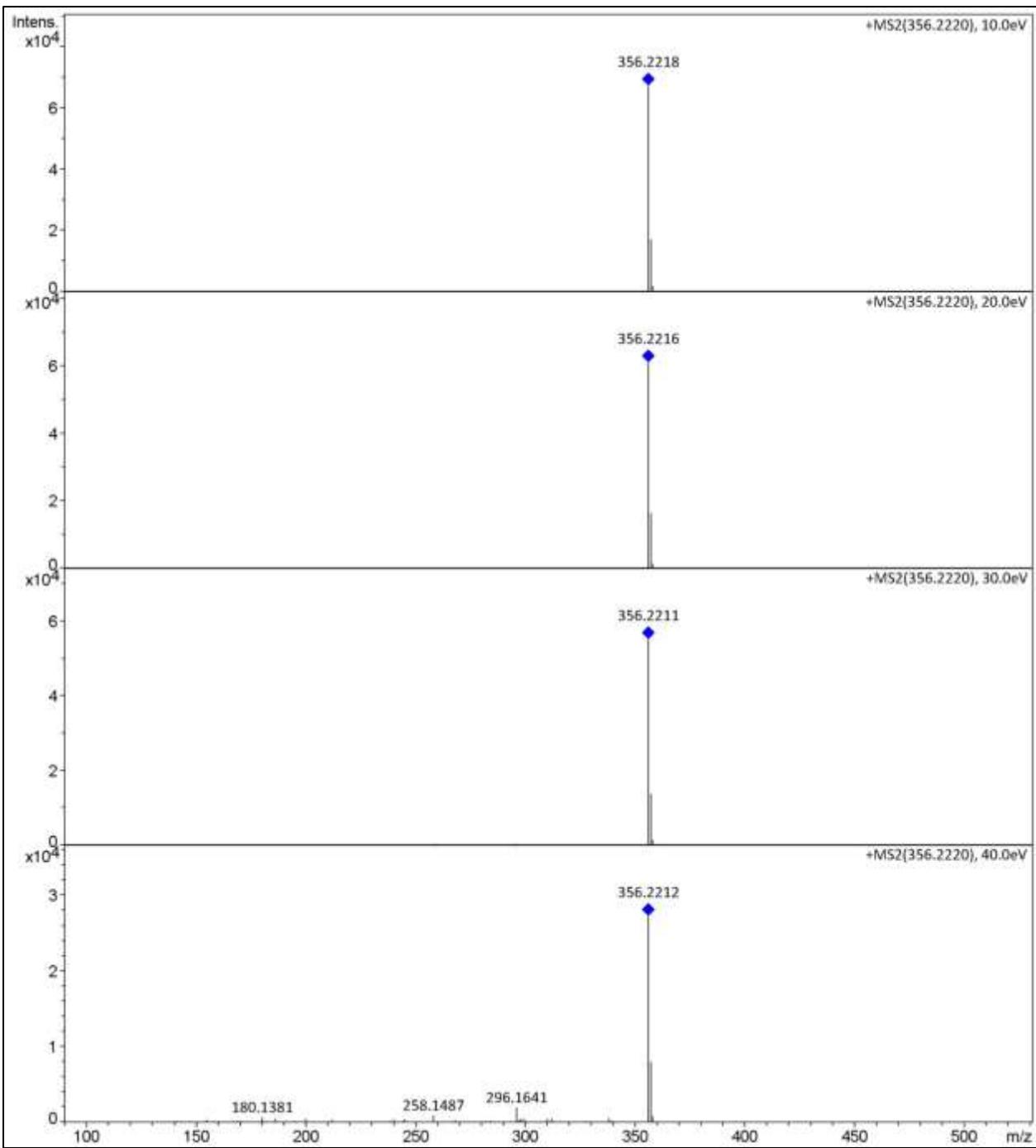


Figure S1. MS² Spectra of Sonogoramine at (a) 10eV (b) 20eV (c) 30eV (d) 40eV. Depicting the effect of increase in collision energy.

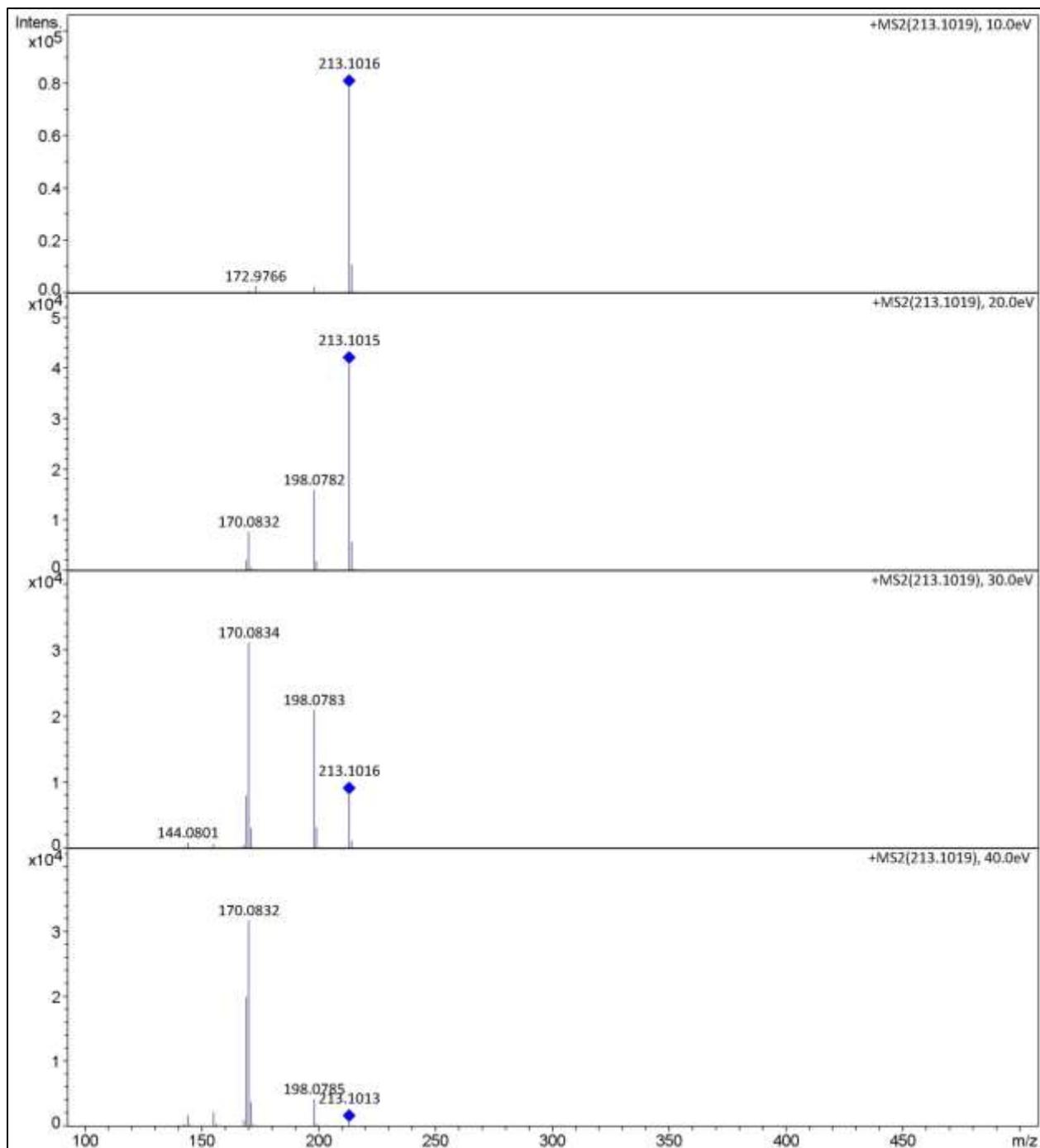


Figure S2. MS² Spectra of Harmine at (a) 10eV (b) 20eV (c) 30eV (d) 40eV. Depicting the effect of increase in collision energy.

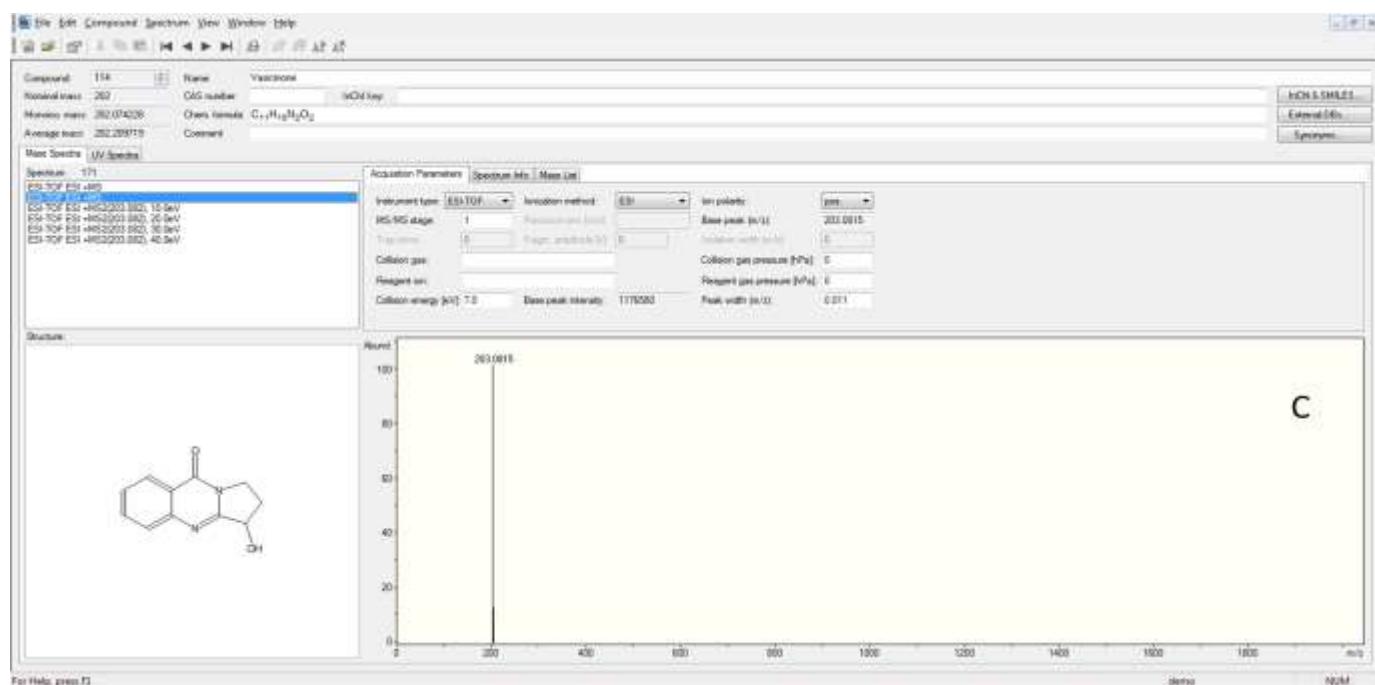
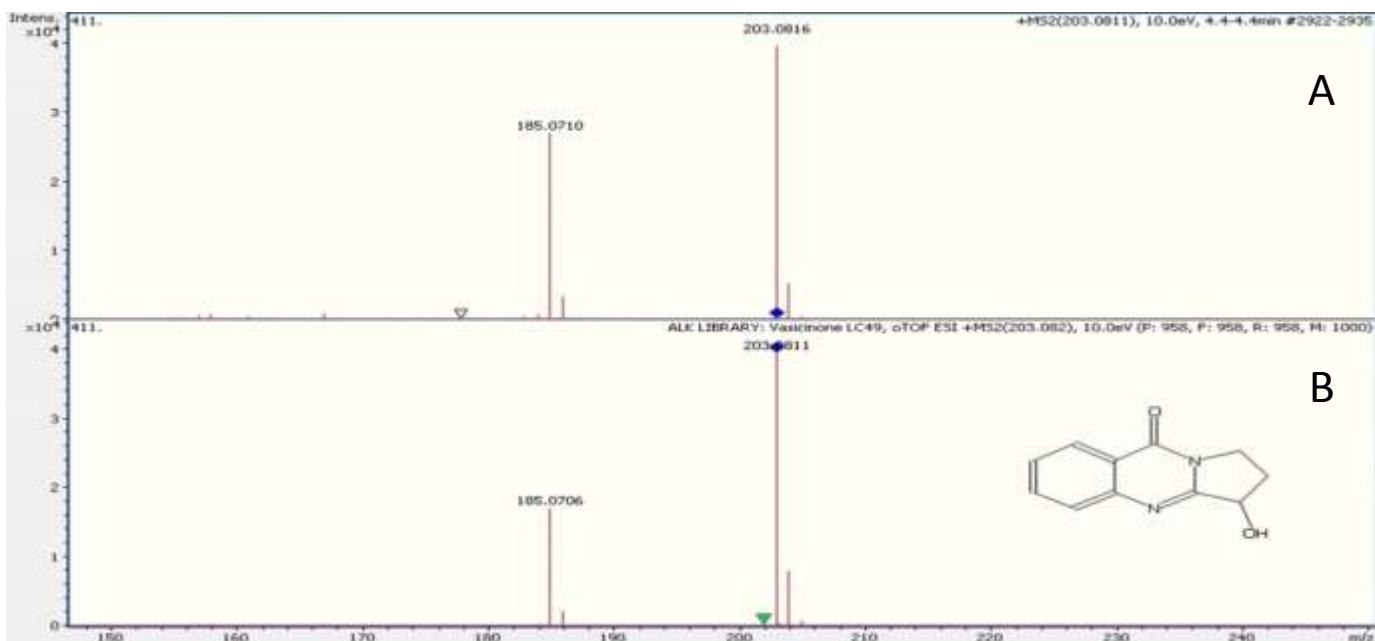
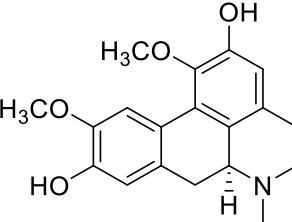
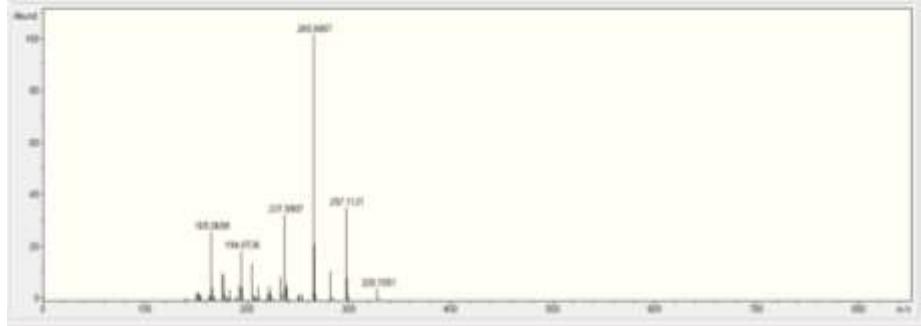
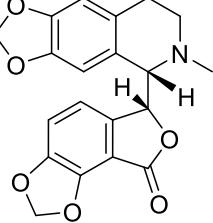
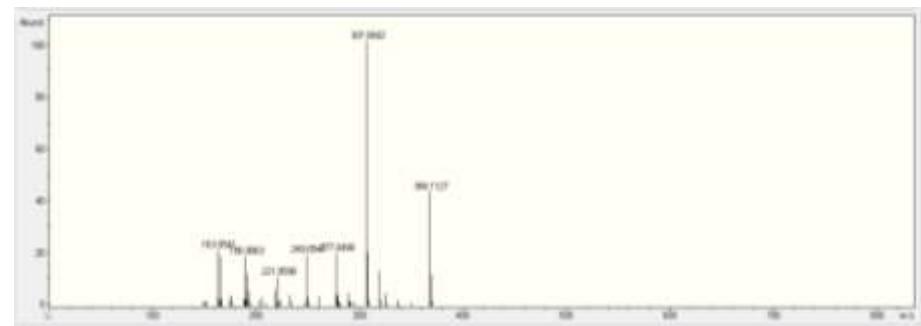
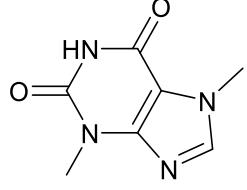
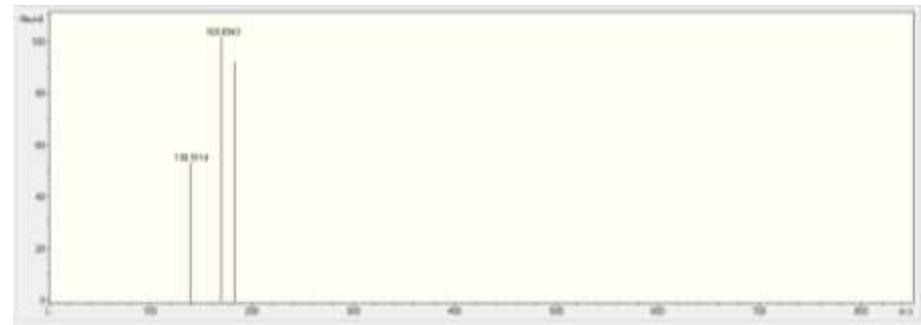
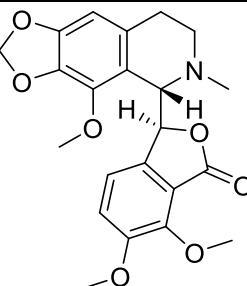
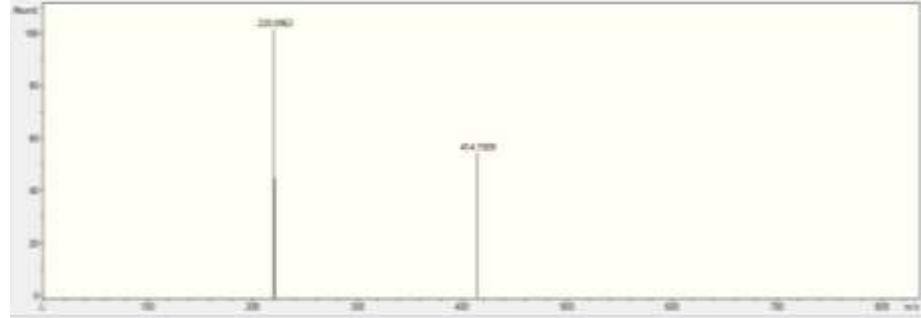
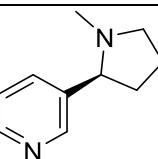
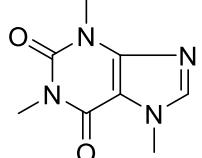
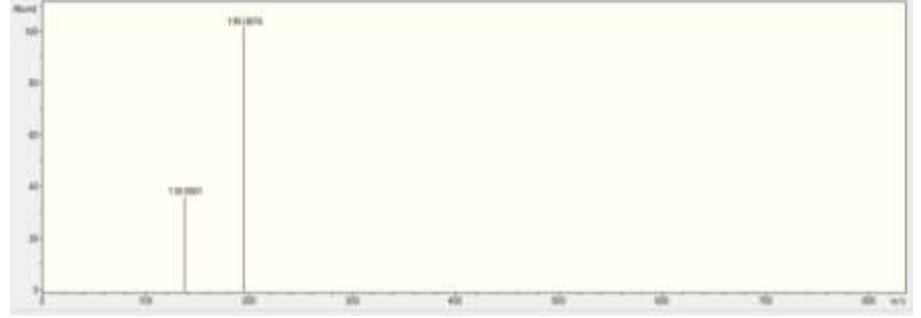


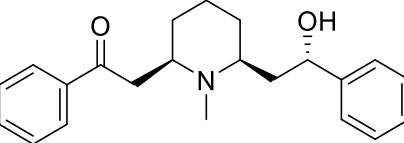
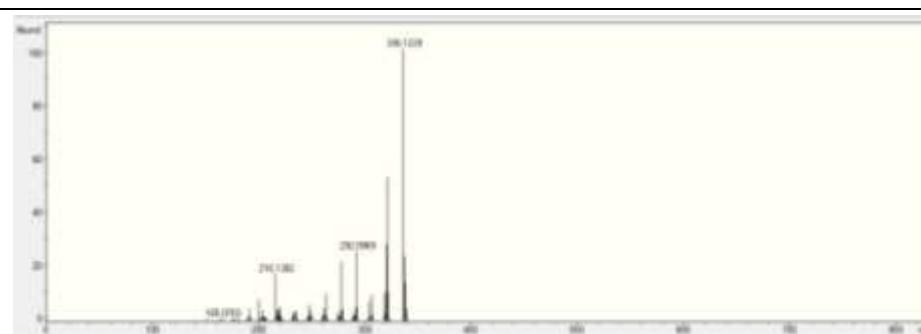
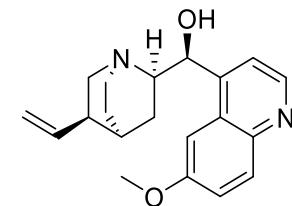
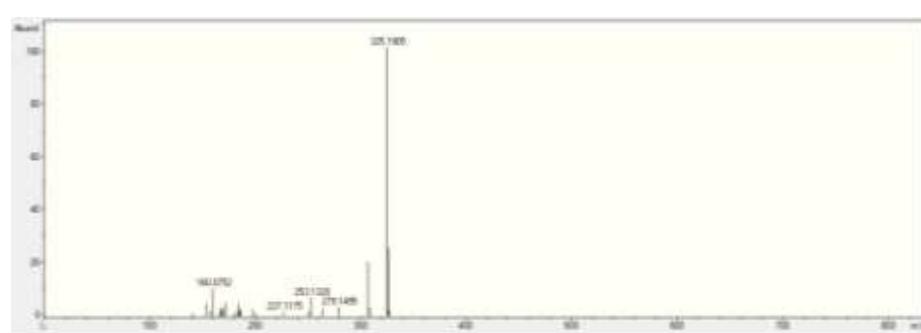
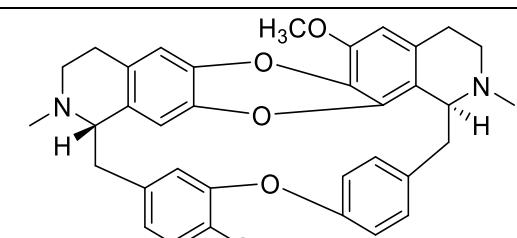
Figure S3. (A) MS² spectra of Vasicinone identified in *Adhatoda Vasica* extract using constructed library (B) MS² spectra of Reference standard vasicinone in the constructed library. (C) Depiction of Vasicinone library record in *Bruker Library Editor 4.4*.

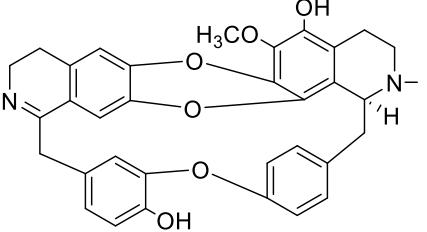
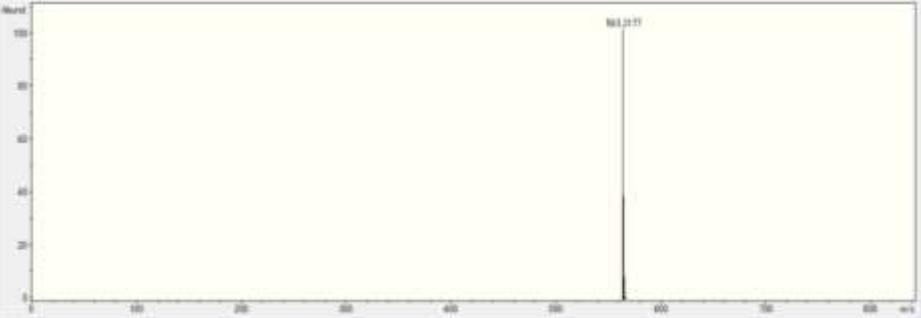
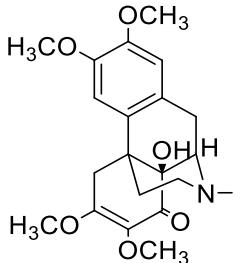
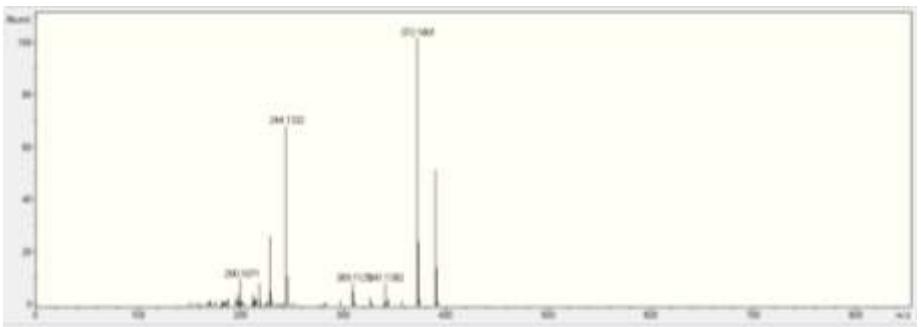
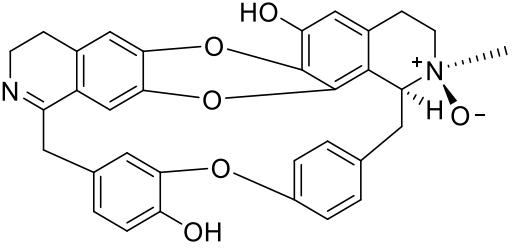
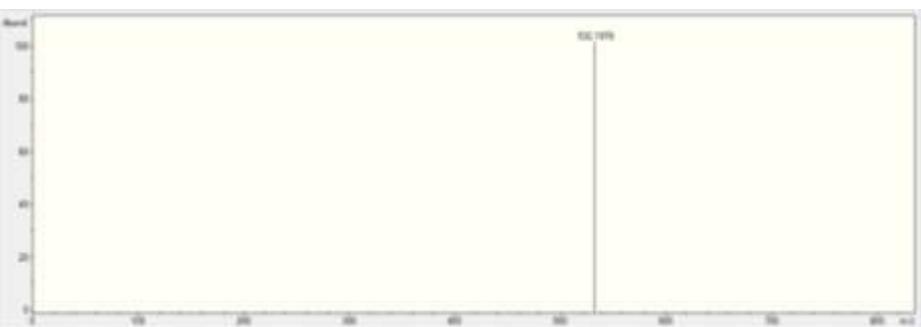
Table S1: Structures, classes, and MS/MS spectra of all analyzed.

S.No.	Name	Subclass of alkaloids	Structure/Exact Mass/Chemical Formula	Spectra in constructed library
1.	Boldine ^a	Aporphine alkaloid	 Chemical Formula: C ₁₉ H ₂₁ NO ₄ Exact Mass: 327.1471	
2.	(+)-Bicuculline ^a	Isoquinoline alkaloid	 Chemical Formula: C ₂₀ H ₁₇ NO ₆ Exact Mass: 367.1056	
3.	Theobromine ^a	Purine(pyrimidin e-imidazole) alkaloid	 Chemical Formula: C ₇ H ₈ N ₄ O ₂ Exact Mass: 180.0647	

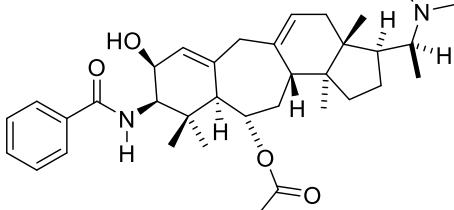
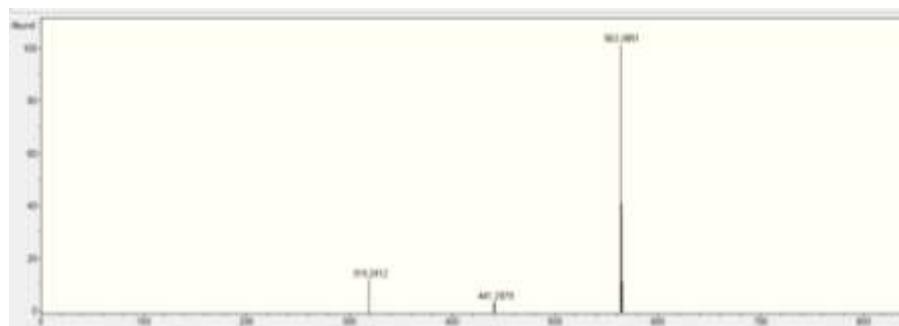
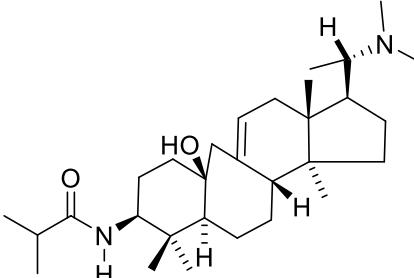
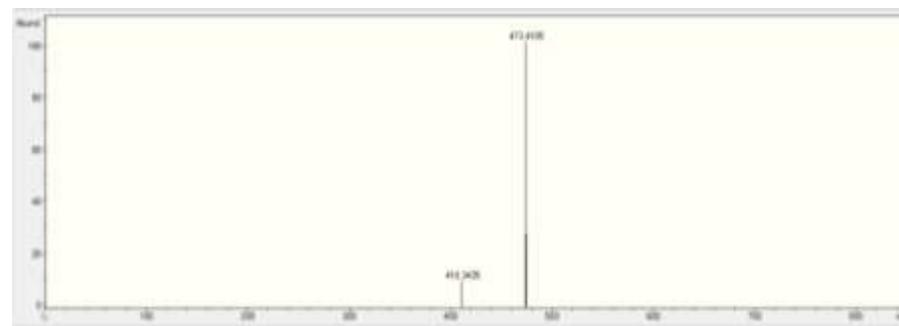
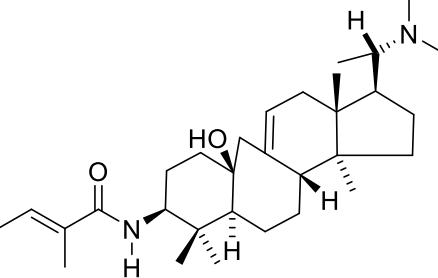
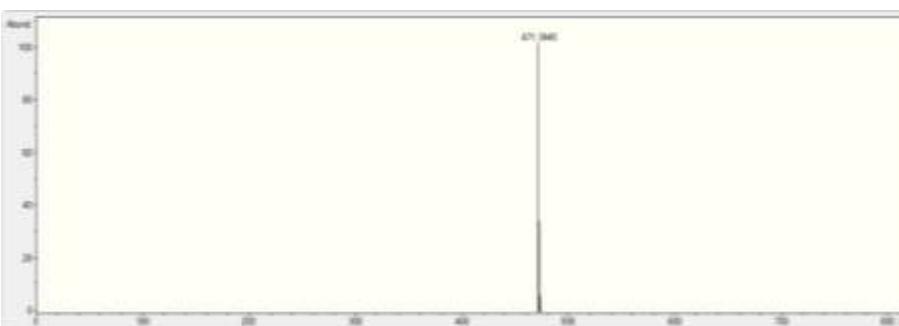
4.	Cinchonidine ^a	Quinoline alkaloid	<p>Chemical Formula: C₁₉H₂₂N₂O Exact Mass: 294.2</p>	
5.	Berberine ^a	Isoquinoline alkaloid	<p>Chemical Formula: C₂₀H₁₈NO₄⁺ Exact Mass: 336.1230</p>	
6.	Papavarine ^a	Isoquinoline alkaloid	<p>Chemical Formula: C₂₀H₂₁NO₄ Exact Mass: 339.1471</p>	

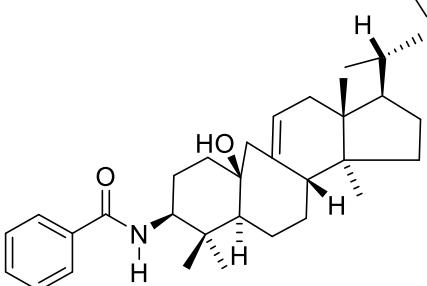
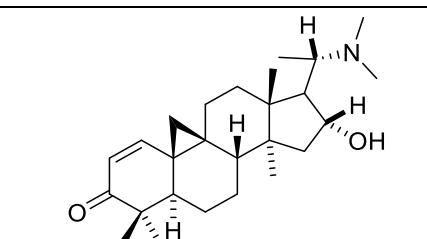
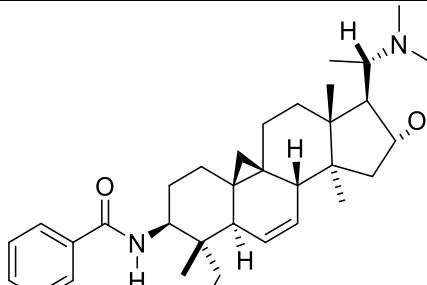
7.	(S,R)-Noscapine ^a	Isoquinoline alkaloid	 <p>Chemical Formula: C₂₂H₂₃NO₇ Exact Mass: 413.1475</p>	
8.	(-)-Nicotine ^a	Pyridine alkaloid	 <p>Chemical Formula: C₁₀H₁₄N₂ Exact Mass: 162.1157</p>	
9.	Caffeine ^a	Purine(pyrimidin-2-Imidazole) alkaloid	 <p>Chemical Formula: C₈H₁₀N₄O₂ Exact Mass: 194.0804</p>	

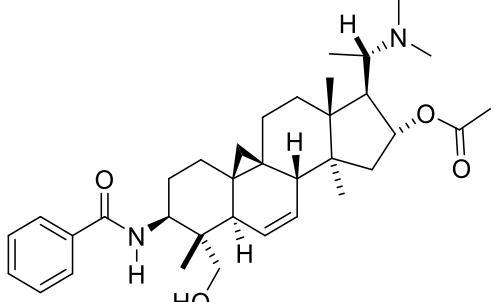
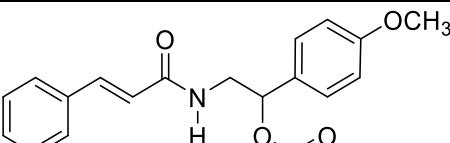
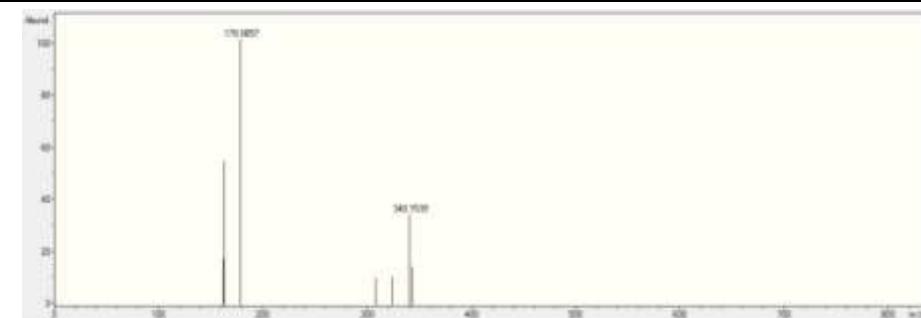
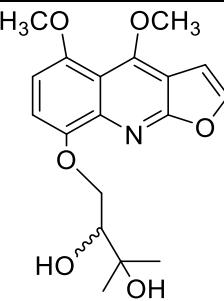
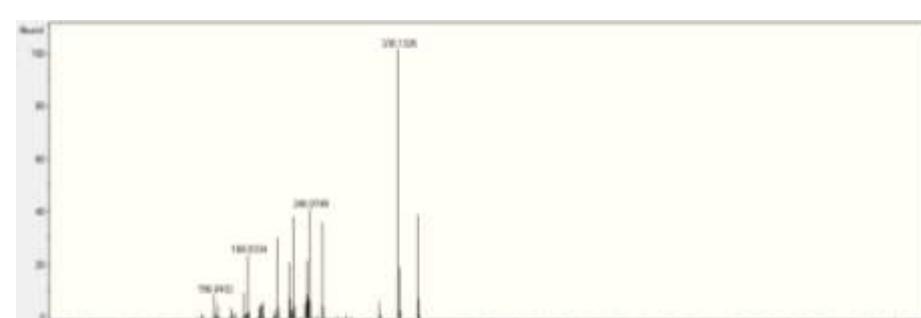
10.	Lobeline ^a	Piperidine alkaloid	 <p>Chemical Formula: C₂₂H₂₇NO₂ Exact Mass: 337.2042</p>	
11.	Quinidine ^a	Quinoline alkaloid	 <p>Chemical Formula: C₂₀H₂₄N₂O₂ Exact Mass: 324.2</p>	
12.	Cocsuline	Isoquinoline alkaloid	 <p>Chemical Formula: C₃₅H₃₄N₂O₅ Exact Mass: 562.2468</p>	

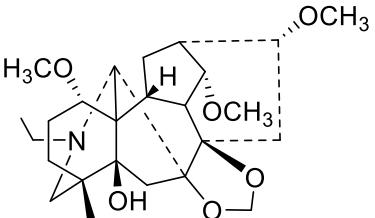
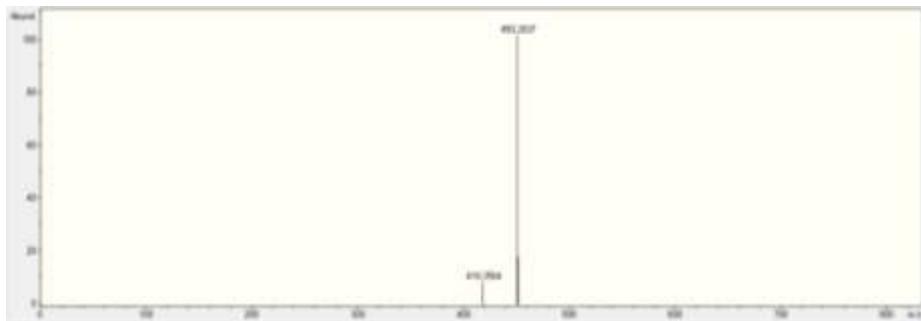
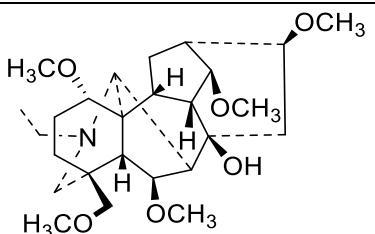
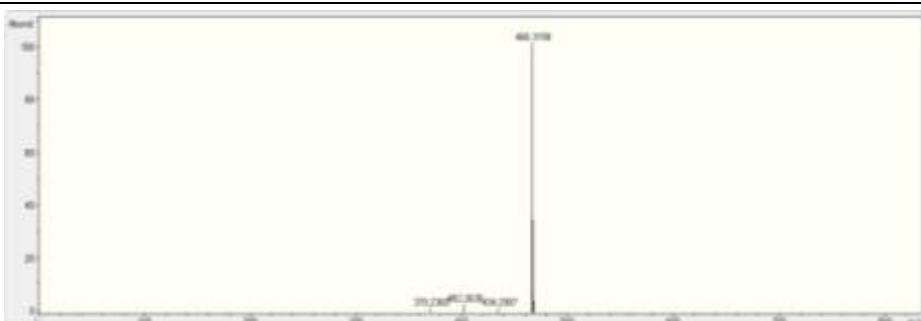
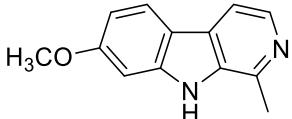
13.	1,2-Dehydrokohatine	Isoquinoline alkaloid	 <p>Chemical Formula: $C_{34}H_{30}N_2O_6$ Exact Mass: 562.2104</p>	
14.	14-Hydroxy isostephodeline	Isoquinoline alkaloid	 <p>Chemical Formula: $C_{21}H_{27}NO_6$ Exact Mass: 389.1838</p>	
15.	Kurramine-2'-b-N-oxide	Bisbenzylisoquinoline alkaloid	 <p>Chemical Formula: $C_{33}H_{28}N_2O_6$ Exact Mass: 548.1947</p>	

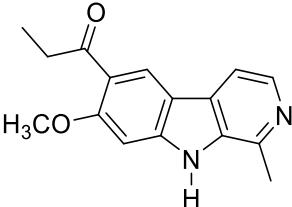
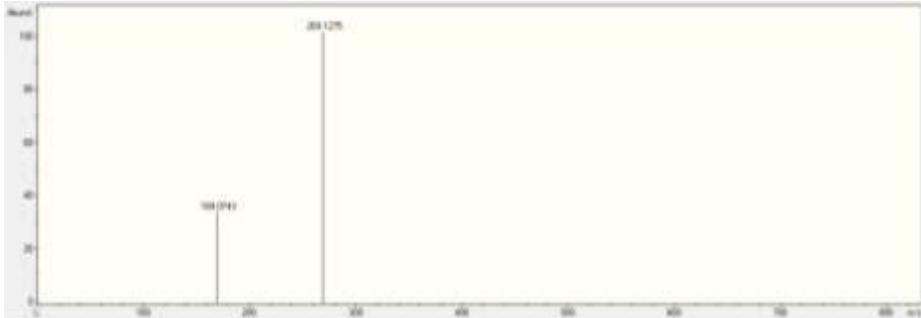
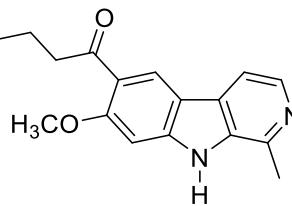
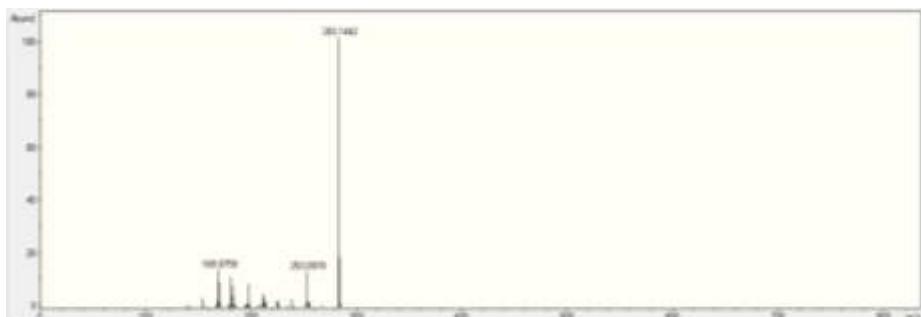
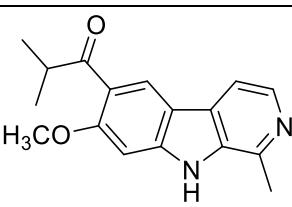
16.	Benzoylaconine	Diterpenoid alkaloid	<p>Chemical Formula: $C_{32}H_{45}NO_{10}$ Exact Mass: 603.3043</p>	
17.	12-Epinapelline ^a	Diterpenoid alkaloid	<p>Chemical Formula: $C_{22}H_{33}NO_3$ Exact Mass: 359.2460</p>	
18.	Isotalatizidine	Diterpenoid alkaloid	<p>Chemical Formula: $C_{23}H_{37}NO_5$ Exact Mass: 407.3</p>	

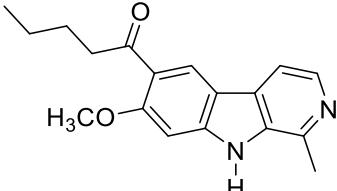
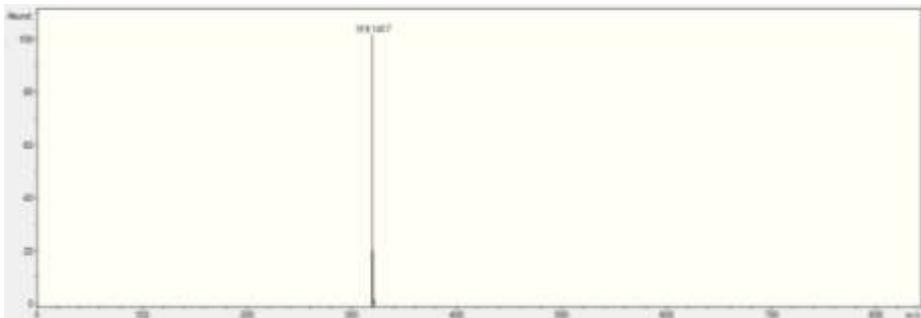
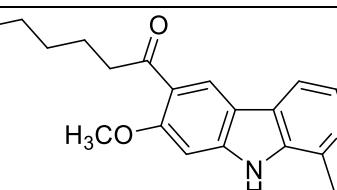
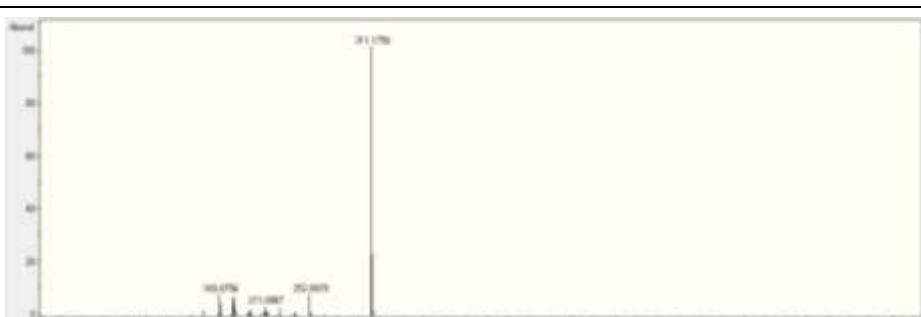
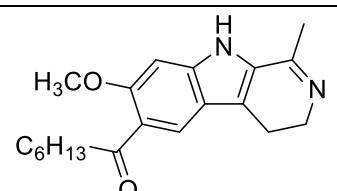
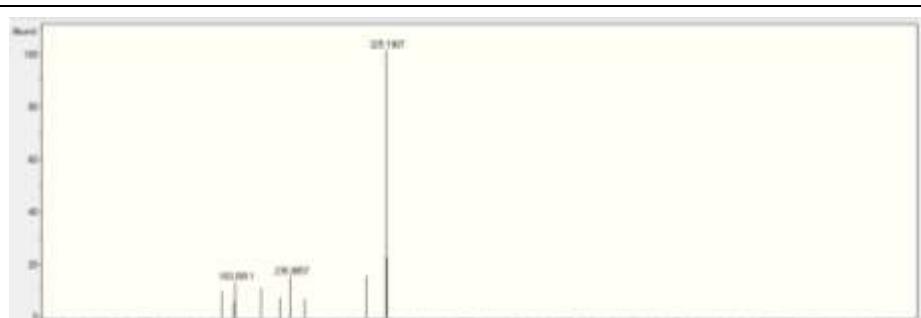
19.	Hyrcanol	Steroidal alkaloid	 <p>Chemical Formula: $C_{35}H_{50}N_2O_4$ Exact Mass: 562.4</p>	
20.	N-Isobutyroylbuxahyrcanine	Steroidal-triterpenoidal alkaloid	 <p>Chemical Formula: $C_{30}H_{52}N_2O_2$ Exact Mass: 472.4029</p>	
21.	N-Tigloylbuxahyrcanine	Steroidal-triterpenoidal alkaloid	 <p>Chemical Formula: $C_{31}H_{52}N_2O_2$ Exact Mass: 484.4029</p>	

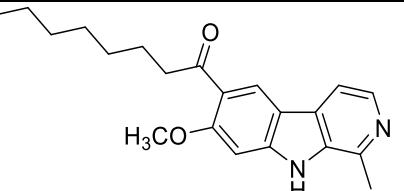
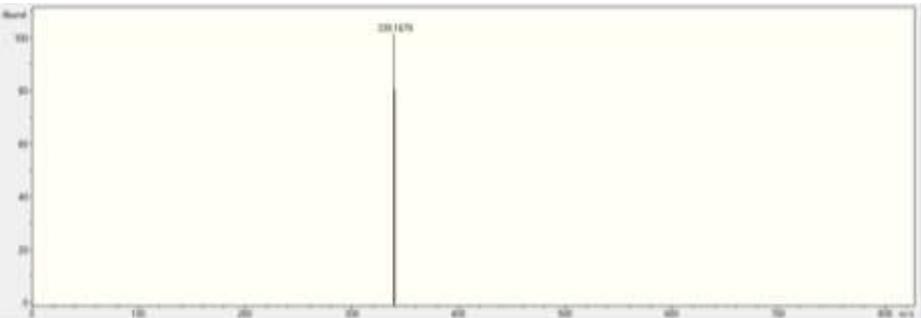
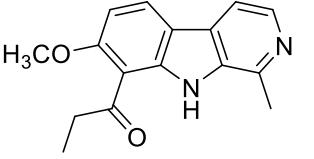
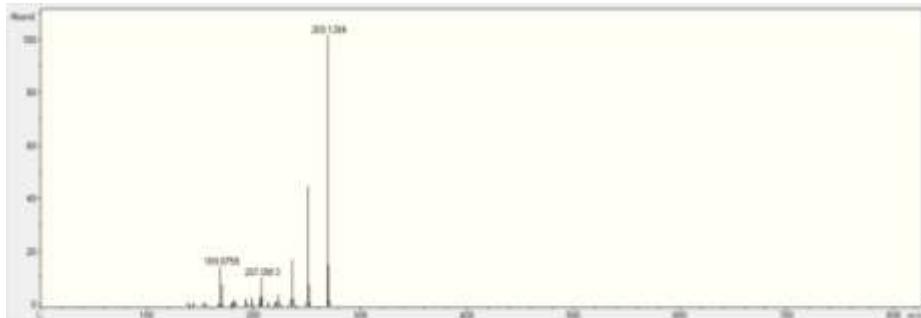
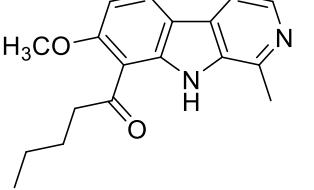
22.	N-Benzoyl buxahyrcanine	Steroidal-triterpenoidal alkaloid	 <p>Chemical Formula: $C_{33}H_{50}N_2O_2$ Exact Mass: 506.3872</p>	
23.	N-Beta-dimethyl cycloxbuxahyrcanine	Steroidal-triterpenoidal alkaloid	 <p>Chemical Formula: $C_{26}H_{41}NO_2$ Exact Mass: 399.3</p>	
24.	Buxidin	Steroidal-triterpenoidal alkaloid	 <p>Chemical Formula: $C_{33}H_{48}N_2O_3$ Exact Mass: 520.4</p>	

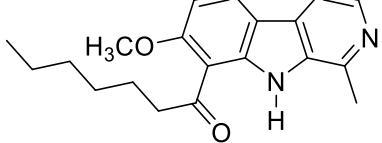
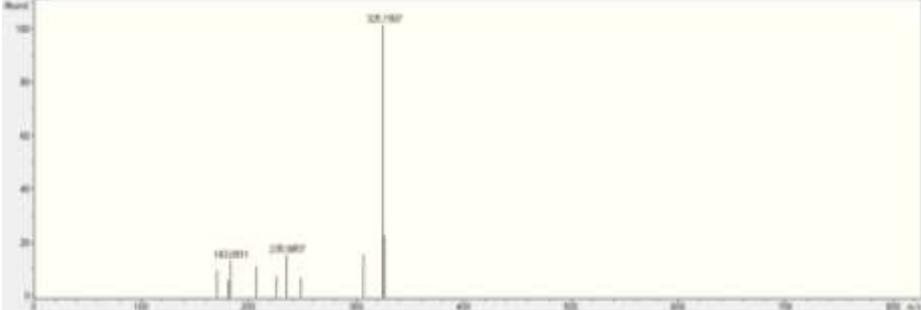
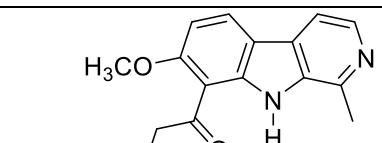
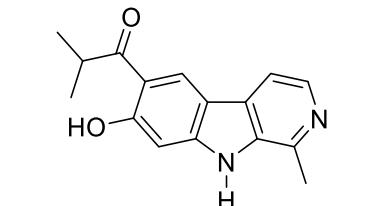
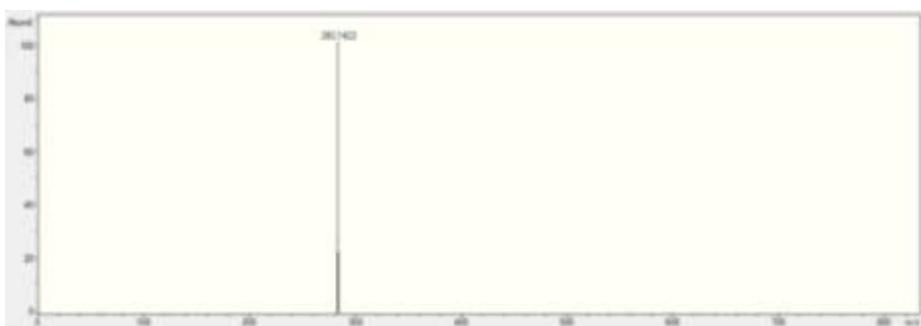
25.	Buxandrine	Steroidal-triterpenoidal alkaloid	 <p>Chemical Formula: $C_{35}H_{50}N_2O_4$ Exact Mass: 562.4</p>	
26.	Aegeline acetate	Alkaloidal amide	 <p>Chemical Formula: $C_{20}H_{21}NO_4$ Exact Mass: 339.1471</p>	
27.	Haplotin	Quinoline alkaloid	 <p>Chemical Formula: $C_{18}H_{21}NO_6$ Exact Mass: 347.1</p>	

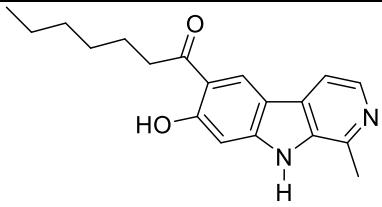
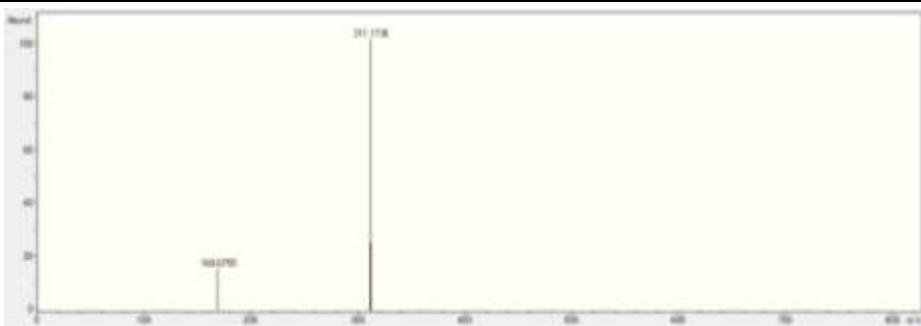
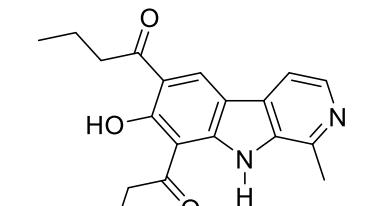
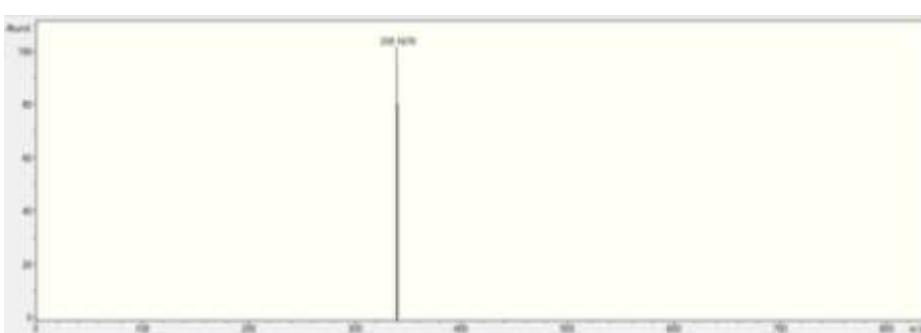
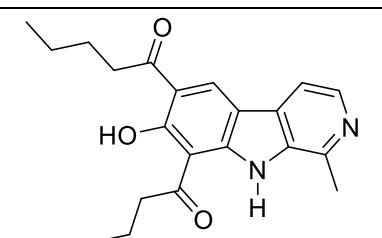
28.	Nordhagenine A	Diterpenoid alkaloid	 <p>Chemical Formula: C₂₅H₃₉NO₆ Exact Mass: 449.3</p>	
29.	N-Ethyl-18-(methylenemethoxy)-1,6,14,16-tetramethoxylycoctonine	Diterpenoid alkaloid	 <p>Chemical Formula: C₂₆H₄₃NO₆ Exact Mass: 465.3</p>	
30.	Harmine ^a	Indol alkaloid	 <p>Chemical Formula: C₁₃H₁₂N₂O Exact Mass: 212.1</p>	

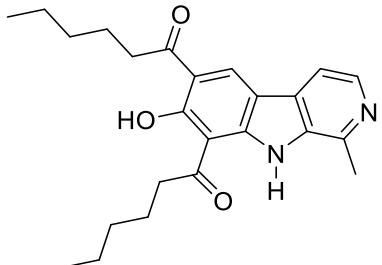
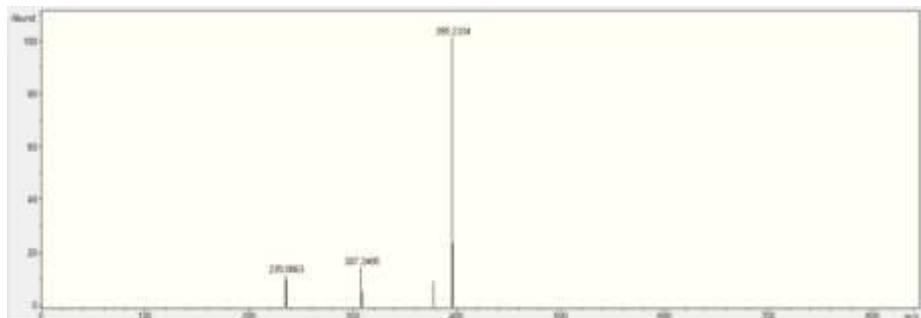
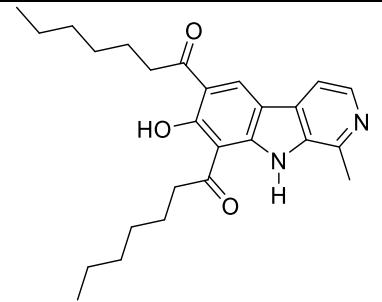
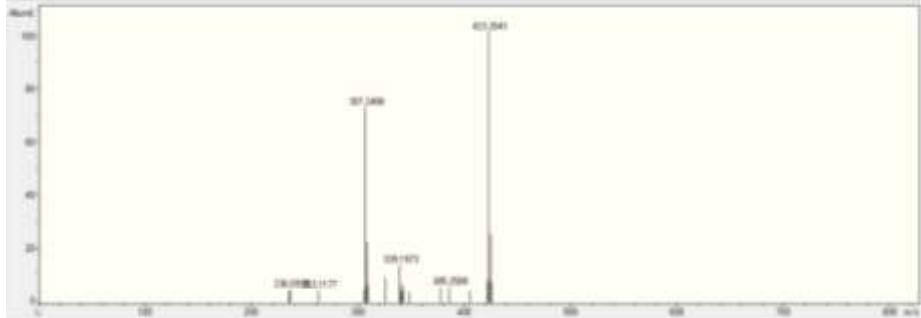
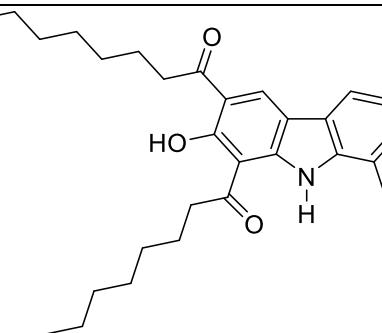
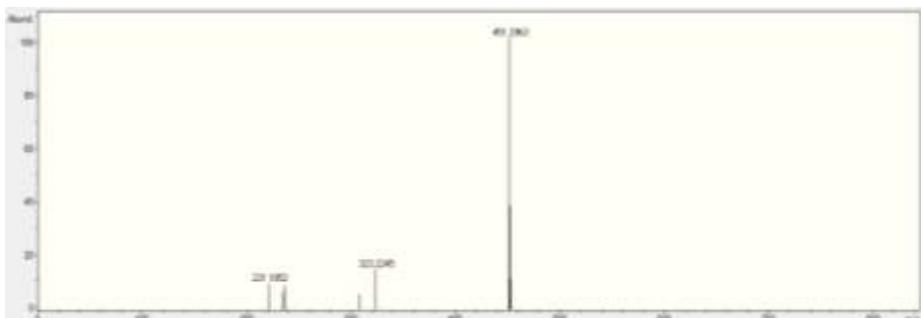
31.	10-Propionyl-11-methoxy-3-methyl-carboline	Indol alkaloid	 <p>Chemical Formula: $C_{16}H_{16}N_2O_2$ Exact Mass: 268.1</p>	
32.	10-Butyryl-11-methoxy-3-methyl-carboline	Indol alkaloid	 <p>Chemical Formula: $C_{17}H_{18}N_2O_2$ Exact Mass: 282.1</p>	
33.	10-Butyryl-11-methoxy-3-methyl-carboline	Indol alkaloid	 <p>Chemical Formula: $C_{17}H_{18}N_2O_2$ Exact Mass: 282.1</p>	

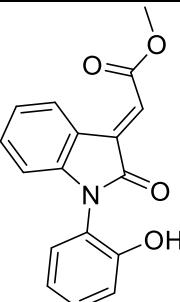
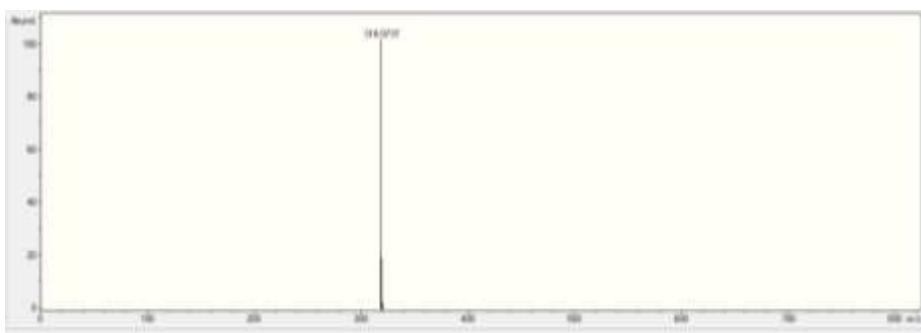
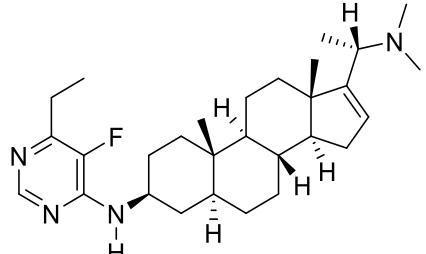
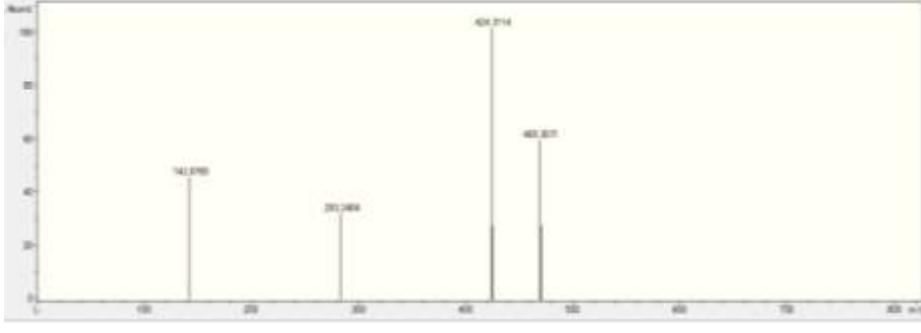
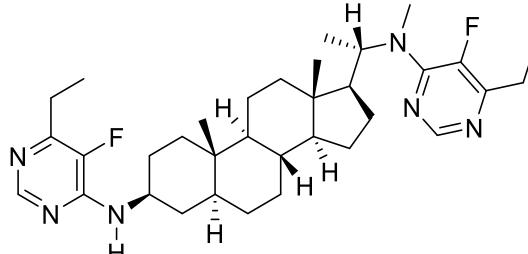
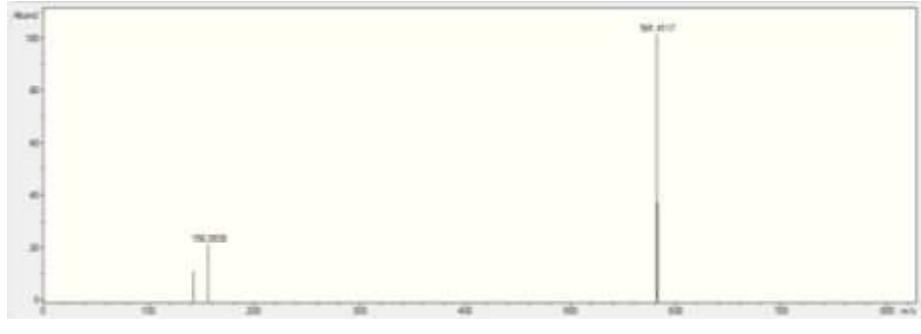
34.	10-Valeryl-11-methoxy-3-methyl-carboline	Indol alkaloid	 <p>Chemical Formula: $C_{18}H_{20}N_2O_2$ Exact Mass: 296.2</p>	
35.	10-Hexanoyl-11-methoxy-3-methyl-carboline	Indolalkaloid	 <p>Chemical Formula: $C_{19}H_{22}N_2O_2$ Exact Mass: 310.1681</p>	
36.	10-Heptanoyl-11-methoxy-3-methyl-5, 6-dihydro-β-carboline	Indol alkaloid	 <p>Chemical Formula: $C_{20}H_{26}N_2O_2$ Exact Mass: 326.2</p>	

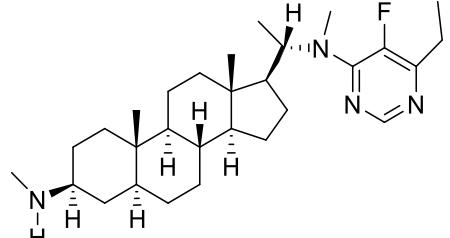
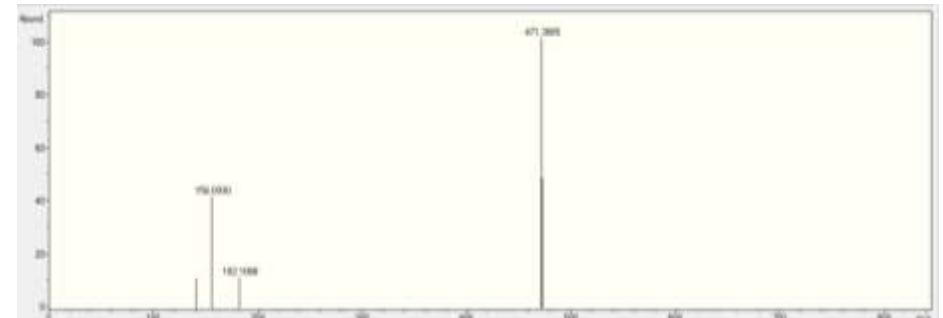
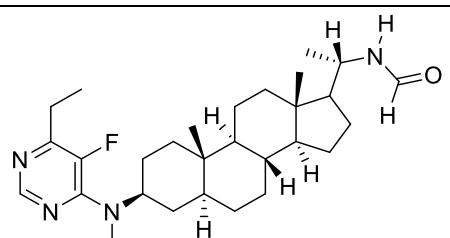
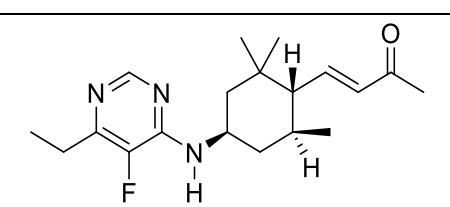
37.	10-Capryloyl-1-methoxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: $C_{21}H_{26}N_2O_2$ Exact Mass: 338.2</p>	
38.	12-Propionyl-11-methoxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: $C_{16}H_{16}N_2O_2$ Exact Mass: 268.1</p>	
39.	12-Valeryl-11-methoxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: $C_{18}H_{20}N_2O_2$ Exact Mass: 296.2</p>	

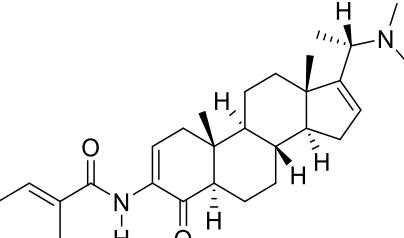
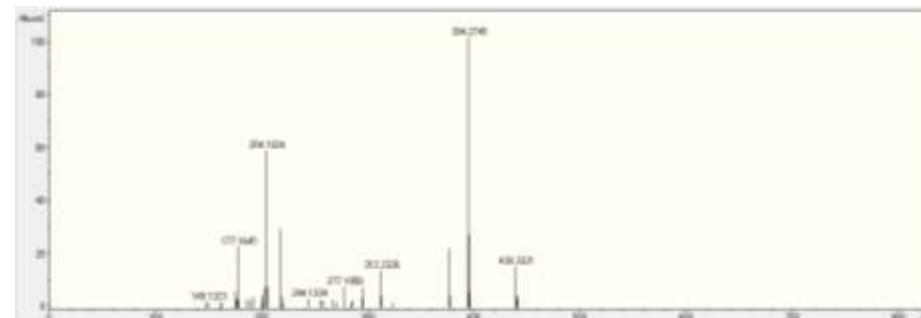
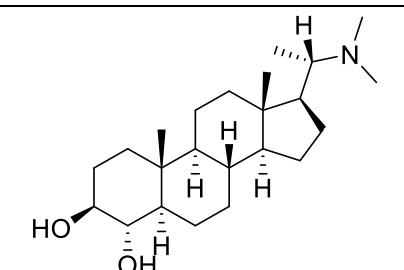
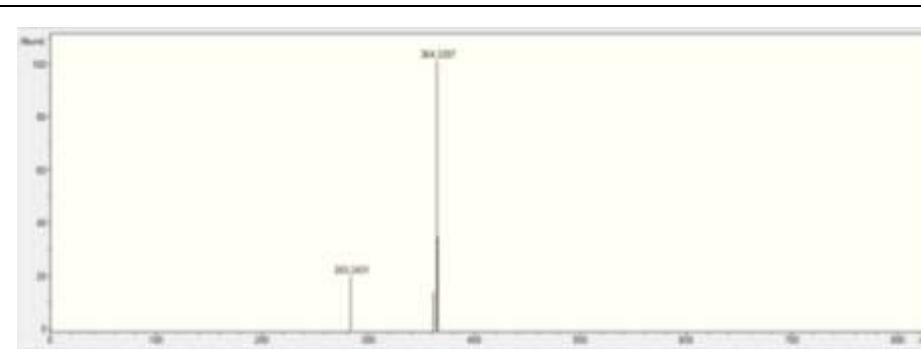
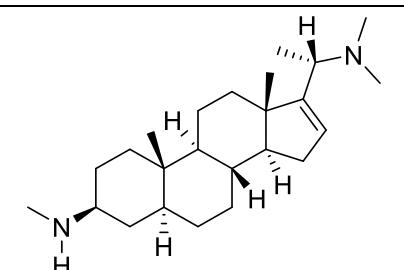
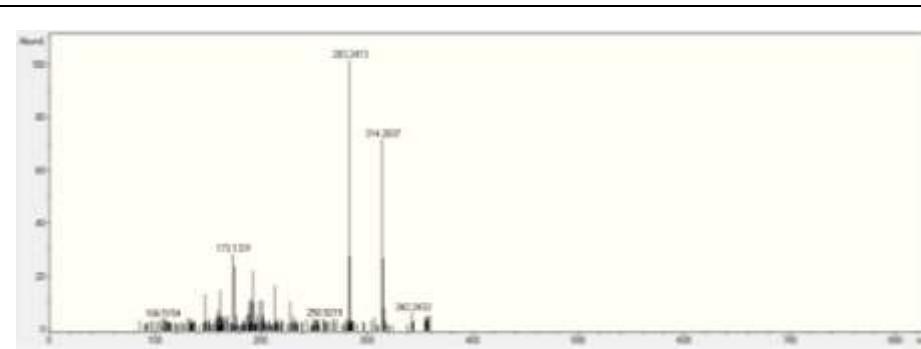
40.	12-Heptanoyl-11-methoxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: C₂₀H₂₄N₂O₂ Exact Mass: 324.2</p>	
41.	12-Capryloyl-11-methoxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: C₂₁H₂₆N₂O₂ Exact Mass: 338.2</p>	
42.	10-Isobutyryl-11-hydroxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: C₁₆H₁₆N₂O₂ Exact Mass: 268.1</p>	

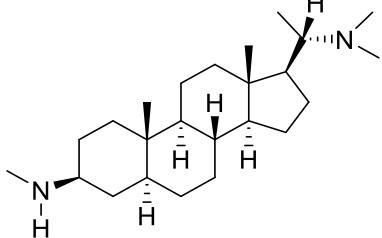
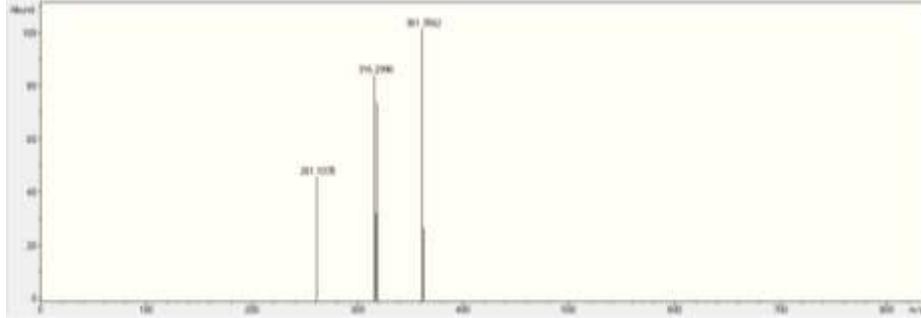
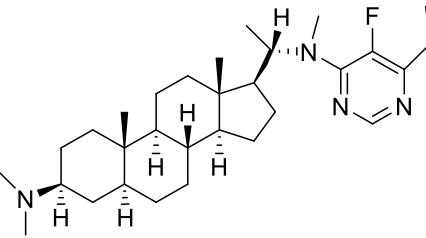
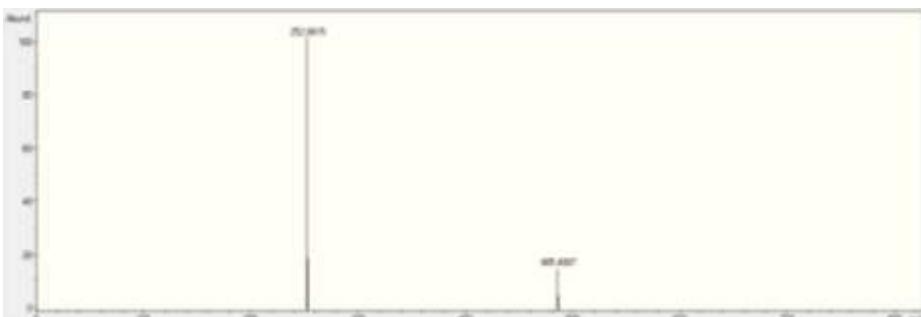
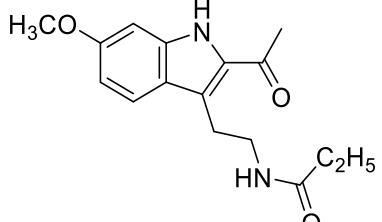
43.	10-Heptanoyl-11-hydroxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: C₁₉H₂₂N₂O₂ Exact Mass: 310.2</p>	
44.	10,12-Dibutyryl-11-hydroxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: C₂₀H₂₂N₂O₃ Exact Mass: 338.2</p>	
45.	10,12-Divaleryl-11-hydroxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: C₂₂H₂₆N₂O₃ Exact Mass: 366.2</p>	

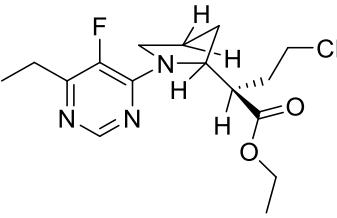
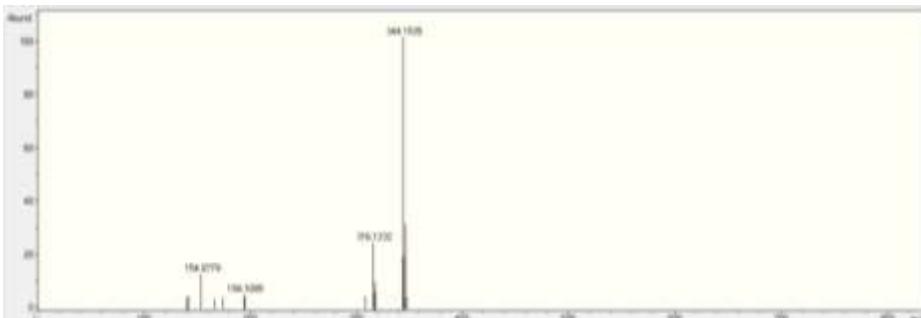
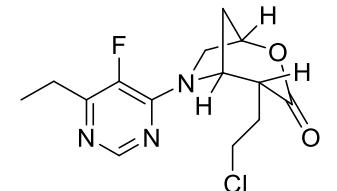
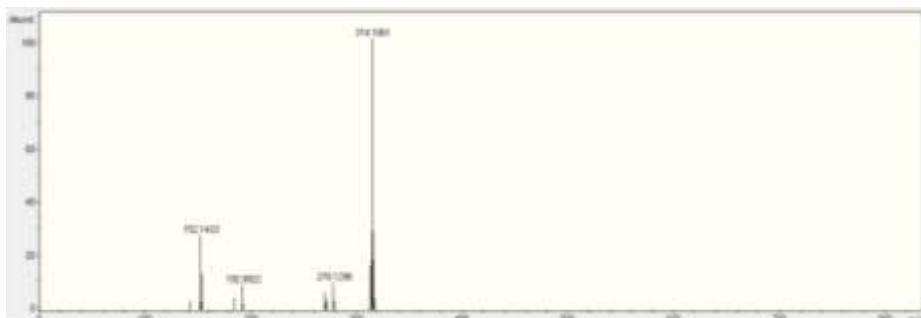
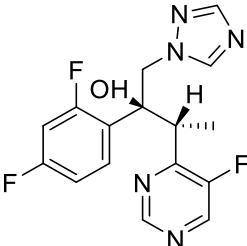
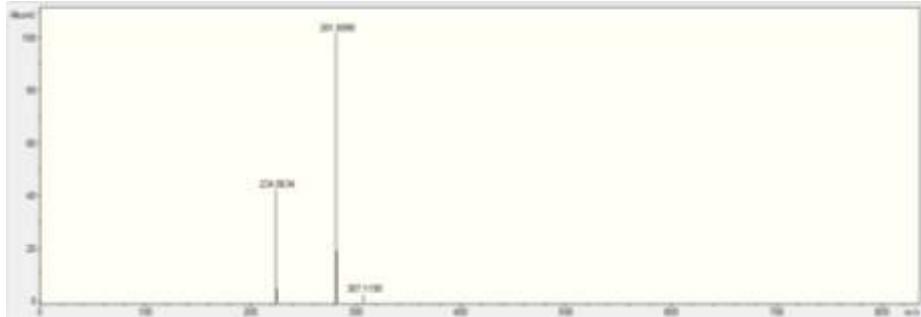
46.	10,12-Dihexanoyl-11-hydroxy-3-methyl-carboline	Indol alkaloid	 <p>Chemical Formula: C₂₄H₃₀N₂O₃ Exact Mass: 394.2</p>	
47.	10,12-Diheptanoyl-11-hydroxy-3-methyl-carboline	Indol alkaloid	 <p>Chemical Formula: C₂₆H₃₄N₂O₃ Exact Mass: 422.3</p>	
48.	10,12-Dicapryloyl-11-hydroxy-3-methyl-carboline	Indol alkaloid	 <p>Chemical Formula: C₂₈H₃₈N₂O₃ Exact Mass: 450.3</p>	

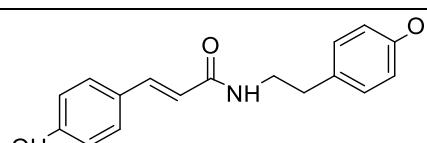
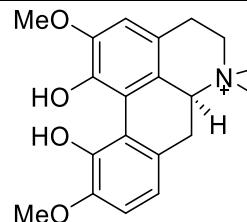
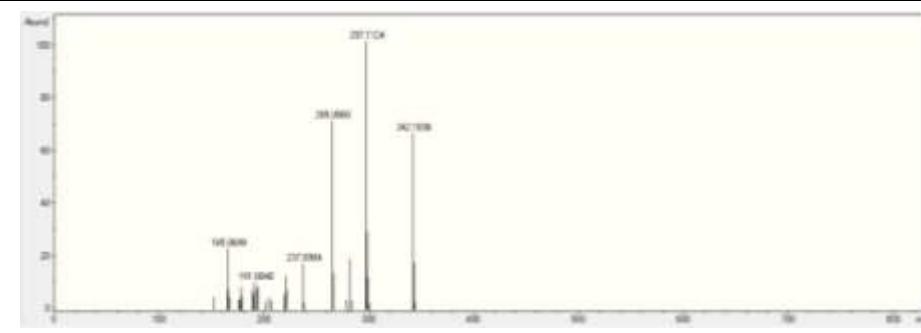
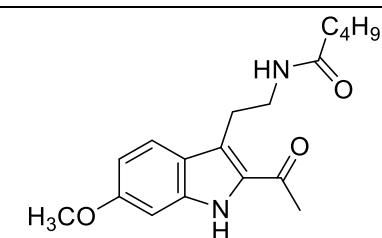
49.	Costinone B	Indol alkaloid	 <p>Chemical Formula: C₁₇H₁₃NO₄ Exact Mass: 295.0845</p>	
50.	Na-Demethyladhikarimine B	Steroidal alkaloid	 <p>Chemical Formula: C₂₉H₄₅FN₄ Exact Mass: 468.3628</p>	
51.	Adhikarimine D	Steroidal alkaloid	 <p>Chemical Formula: C₃₄H₅₀F₂N₆ Exact Mass: 580.4065</p>	

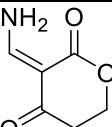
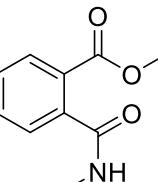
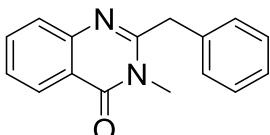
52.	Na-Demethyladhikarimine A	Steroidal alkaloid	 <p>Chemical Formula: $C_{29}H_{47}FN_4$ Exact Mass: 470.3785</p>	
53.	Adhikarimine C	Steroidal alkaloid	 <p>Chemical Formula: $C_{29}H_{45}FN_4O$ Exact Mass: 484.3577</p>	
54.	Adhikarione	Steroidal alkaloid	 <p>Chemical Formula: $C_{19}H_{28}FN_3O$ Exact Mass: 333.2216</p>	

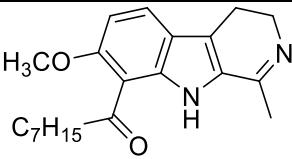
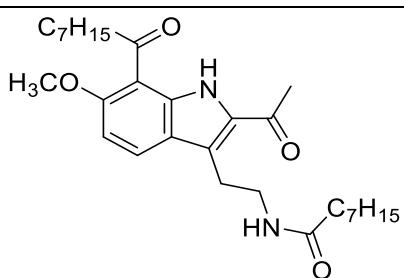
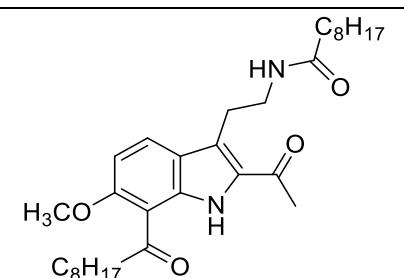
55.	Sarcovageneine C	Steroidal alkaloid	 <p>Chemical Formula: $C_{28}H_{42}N_2O_2$ Exact Mass: 438.3246</p>	
56.	Terminaline	Steroidal alkaloid	 <p>Chemical Formula: $C_{23}H_{41}NO_2$ Exact Mass: 363.3137</p>	
57.	5,6-Dihydrosarconidine	Steroidal alkaloid	 <p>Chemical Formula: $C_{24}H_{42}N_2$ Exact Mass: 358.3348</p>	

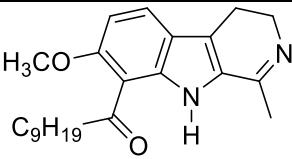
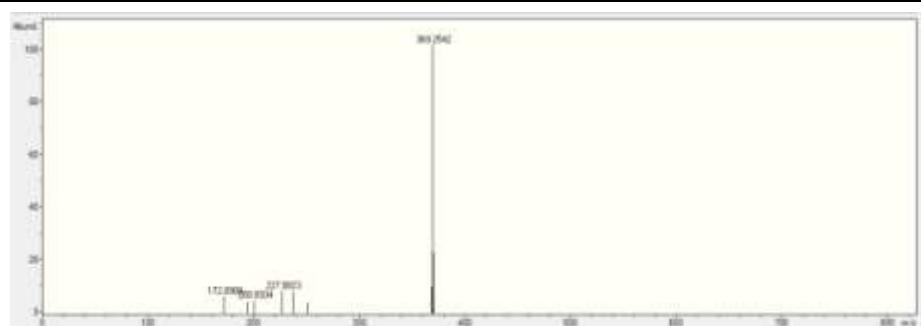
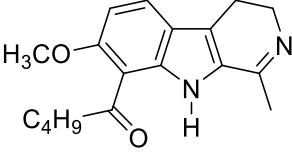
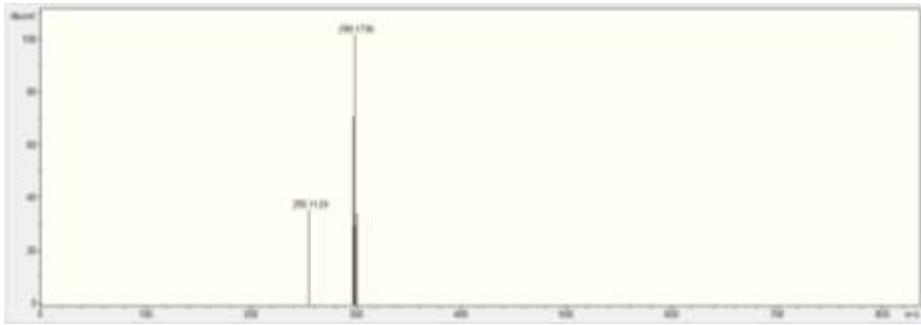
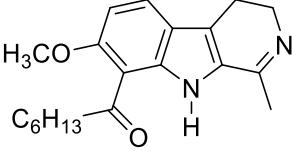
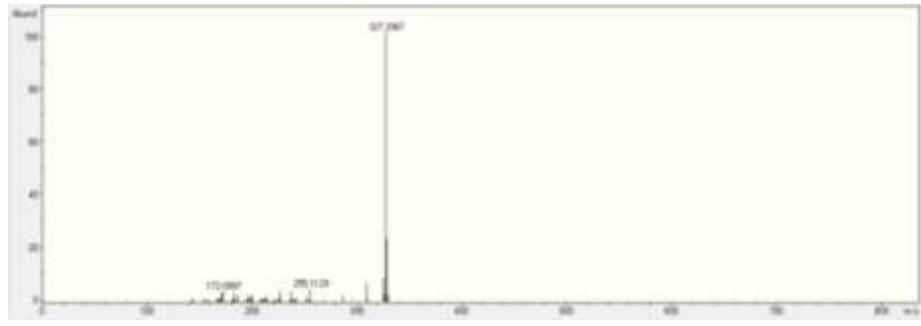
58.	Dictyophlebine	Steroidal alkaloid	 <p>Chemical Formula: $C_{24}H_{44}N_2$ Exact Mass: 360.3504</p>	
59.	Adhikarimine A	Steroidal alkaloid	 <p>Chemical Formula: $C_{30}H_{49}FN_4$ Exact Mass: 484.3941</p>	
60.	2-Acetyl-3-(2-propionylamidoethyl)-7-methoxyindole	Indol alkaloid	 <p>Chemical Formula: $C_{16}H_{20}N_2O_3$ Exact Mass: 288.1474</p>	

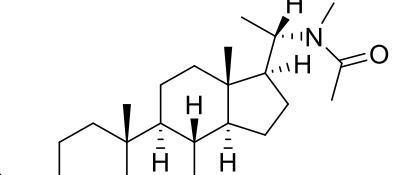
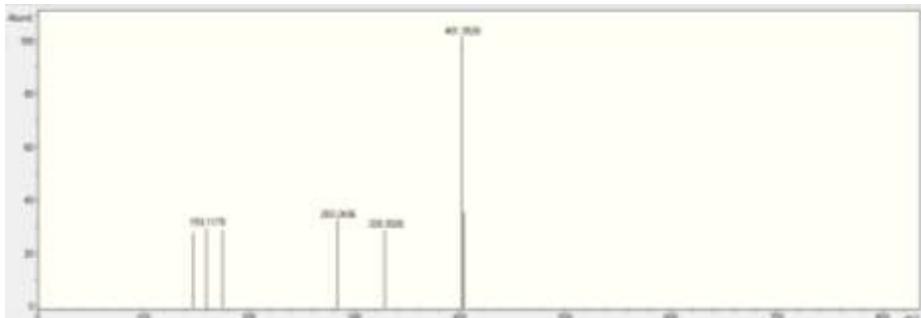
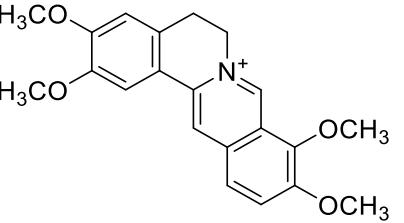
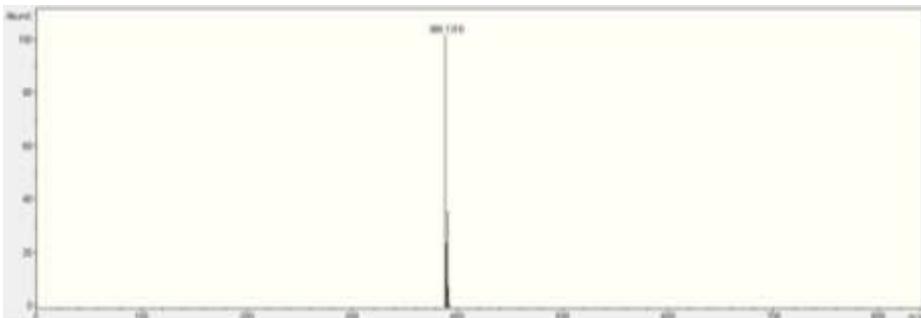
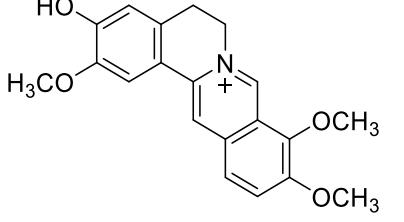
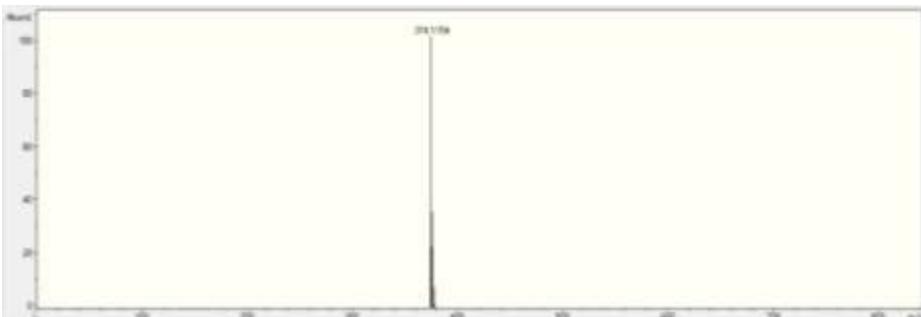
61.	Osanepakidine C	Halogenated Pyrimidine alkaloid	 <p>Chemical Formula: $C_{16}H_{23}ClFN_3O_2$ Exact Mass: 343.1463</p>	
62.	Osanepakidine B	Halogenated Pyrimidine alkaloid	 <p>Chemical Formula: $C_{14}H_{17}ClFN_3O_2$ Exact Mass: 313.0993</p>	
63.	Osapanautidinetriazole F	Halogenated Pyrimidine alkaloid	 <p>Chemical Formula: $C_{16}H_{14}F_3N_5O$ Exact Mass: 349.1150</p>	

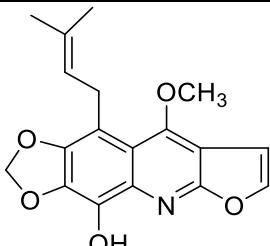
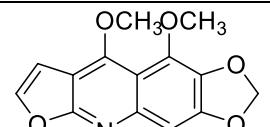
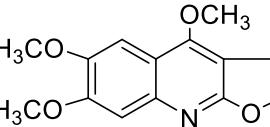
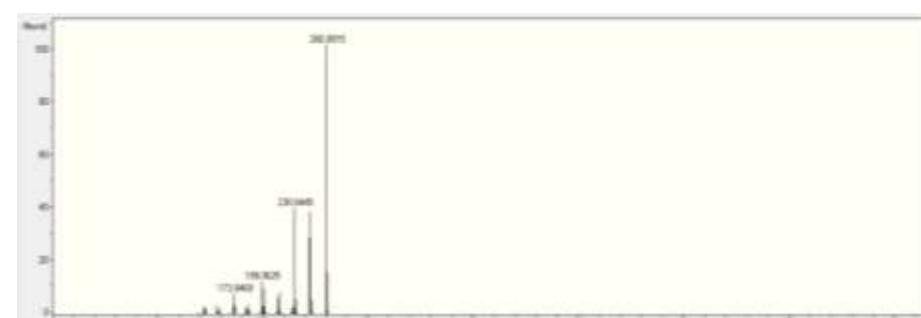
64.	Paprazine ^a	Tyramine alkaloid	 <p>Chemical Formula: C₁₇H₁₇NO₃ Exact Mass: 283.1208</p>	
65.	Magnoflorine ^a	Aporphine alkaloid	 <p>Chemical Formula: C₂₀H₂₄NO₄⁺ Exact Mass: 342.2</p>	
66.	2-Acetyl-3-(2-valerylamidoethyl)-7-methoxyindole	Indol alkaloid	 <p>Chemical Formula: C₁₈H₂₄N₂O₃ Exact Mass: 316.1787</p>	

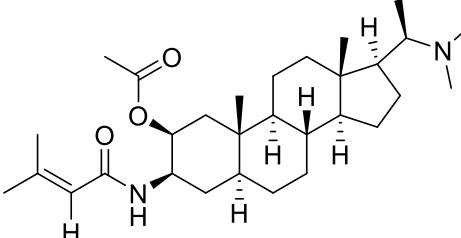
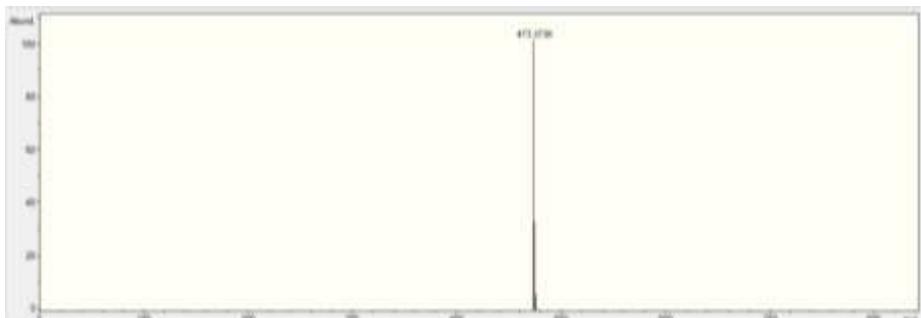
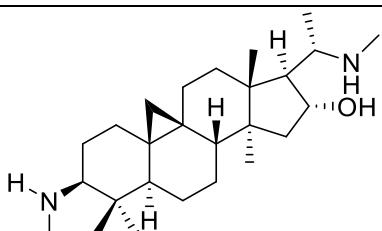
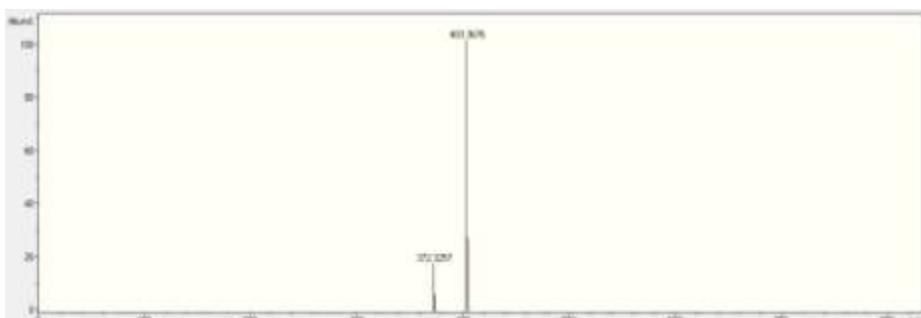
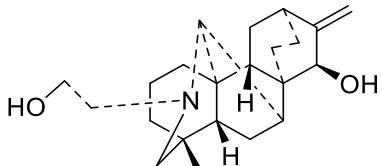
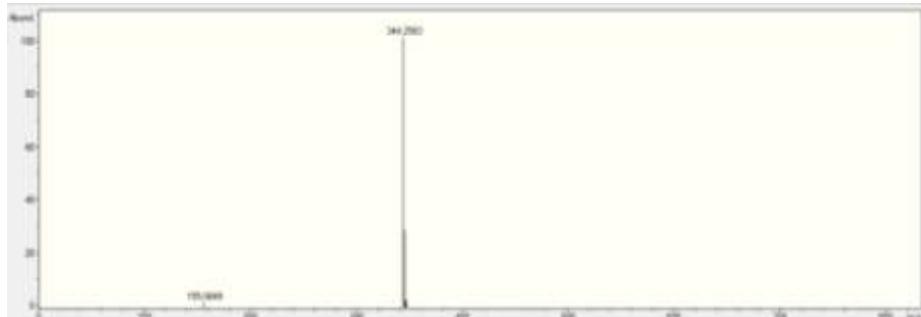
67.	Gentianaine	Monoterpene alkaloids	 <p>Chemical Formula: C₆H₇NO₃ Exact Mass: 141.0426</p>	
68.	Methyl-2-[(methylamino)carbonyl]benzoate	Alkaloidal amide	 <p>Chemical Formula: C₁₀H₁₁NO₃ Molecular Weight: 193.2020</p>	
69.	3-Methyl-2-benzyl-4-quinazolone	Quinazoline alkaloid	 <p>Chemical Formula: C₁₆H₁₄N₂O Exact Mass: 250.1106</p>	

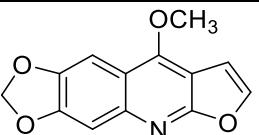
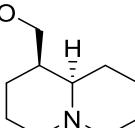
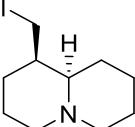
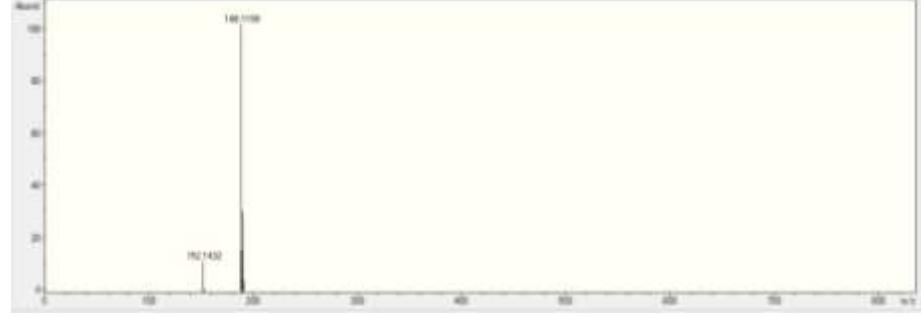
70.	12-Octanoyl-11-methoxy-3-methyl-5, 6-dihydro-bte-carboline	Indol alkaloid	 <p>Chemical Formula: C₂₁H₂₈N₂O₂ Exact Mass: 340.2</p>	 <p>m/z 340.2</p>
71.	2-Acetyl-3-(2-octanoylamidoethyl)-8-octanoyl-7-methoxyindole	Indol alkaloid	 <p>Chemical Formula: C₂₉H₄₄N₂O₄ Exact Mass: 484.3</p>	 <p>m/z 484.3</p>
72.	2-Acetyl-3-(2-nonenoylamidoethyl)-8-nonenoyl-7-methoxyindole	Indol alkaloid	 <p>Chemical Formula: C₃₁H₄₈N₂O₄ Exact Mass: 512.4</p>	 <p>m/z 512.4</p>

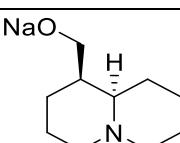
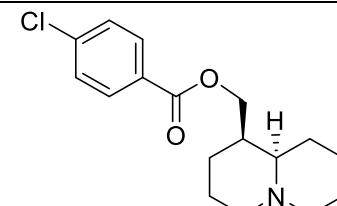
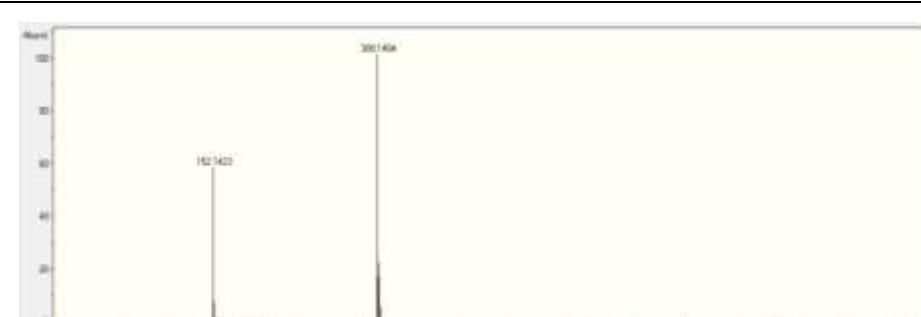
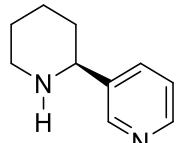
73.	12-Decanoyl-11-methoxy-3-methyl-5, 6-dihydro-beta-carboline	Indol alkaloid	 <p>Chemical Formula: C₂₃H₃₂N₂O₂ Exact Mass: 368.2</p>	
74.	12-Valeryl-11-methoxy-3-methyl-5, 6-dihydro- beta-carboline	Indol alkaloid	 <p>Chemical Formula: C₁₈H₂₂N₂O₂ Exact Mass: 298.2</p>	
75.	12-Heptanoyl-11-methoxy-3-methyl-5, 6-dihydro-beta-carboline	Indol alkaloid	 <p>Chemical Formula: C₂₀H₂₆N₂O₂ Exact Mass: 326.2</p>	

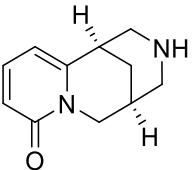
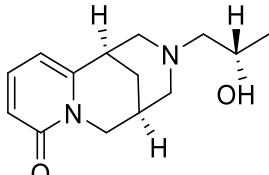
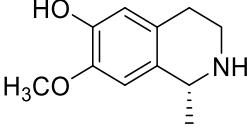
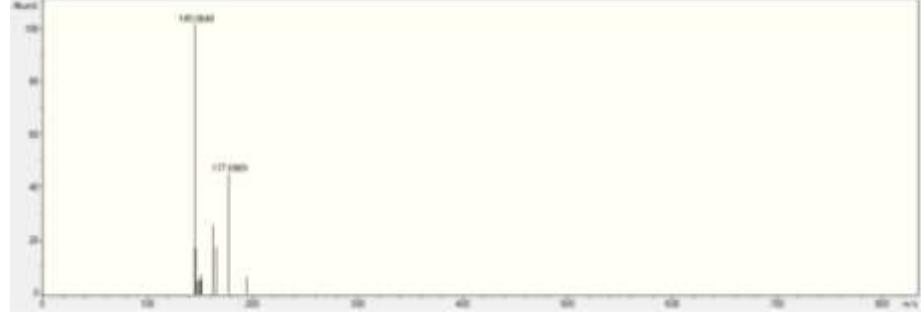
76.	Saracocine	Steroidal alkaloid	 <p>Chemical Formula: $C_{26}H_{44}N_2O$ Exact Mass: 400.3454</p>	
77.	Palmatine ^a	Isoquinoline alkaloid	 <p>Chemical Formula: $C_{21}H_{22}NO_4^+$ Exact Mass: 352.1543</p>	
78.	Jatrorrhizine ^a	Isoquinoline alkaloid	 <p>Chemical Formula: $C_{20}H_{20}NO_4^+$ Exact Mass: 338.1387</p>	

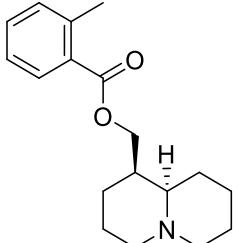
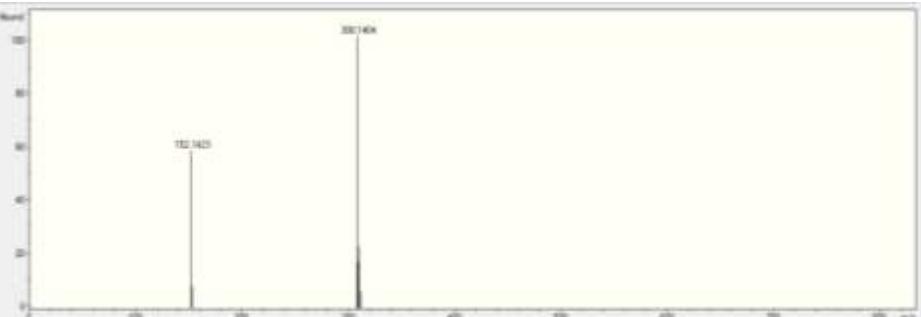
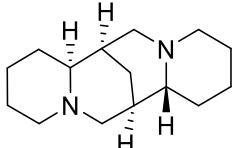
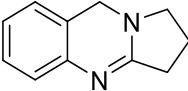
79.	Tecleaverdoornine	Quinoline alkaloid	 <p>Chemical Formula: C₁₈H₁₇NO₅ Exact Mass: 327.1107</p>	
80.	5-Methoxymaculine	Quinoline alkaloid	 <p>Chemical Formula: C₁₄H₁₁NO₅ Exact Mass: 273.0637</p>	
81.	6,7-Dimethoxyfuranocoumarin	Quinoline alkaloid	 <p>Chemical Formula: C₁₄H₁₃NO₄ Exact Mass: 259.0845</p>	

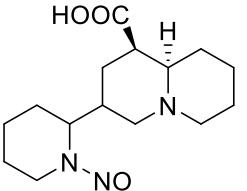
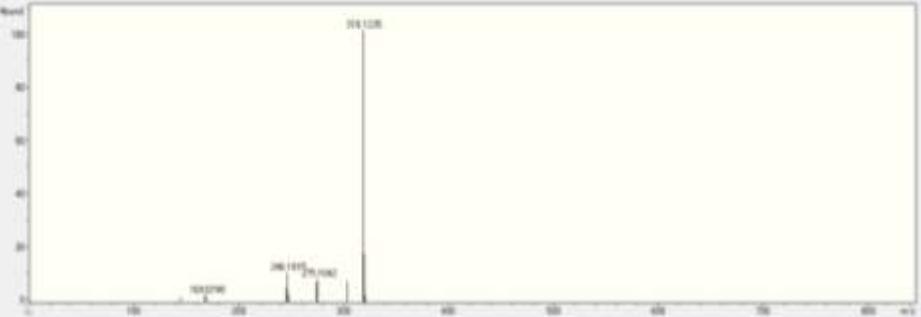
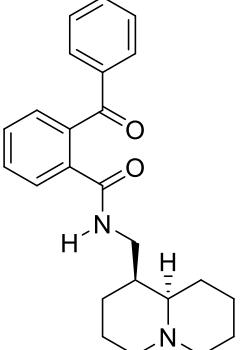
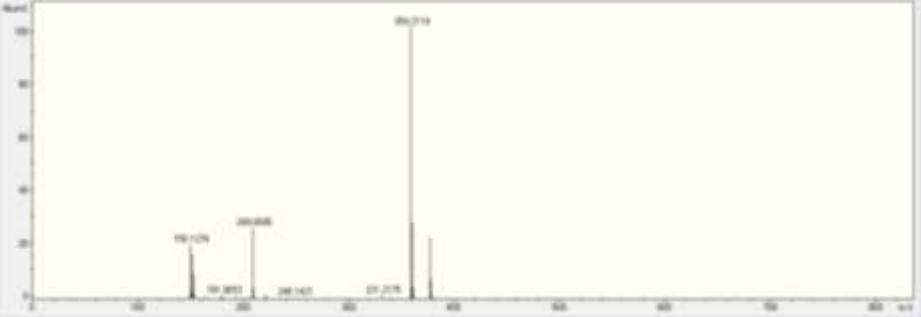
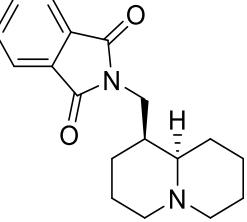
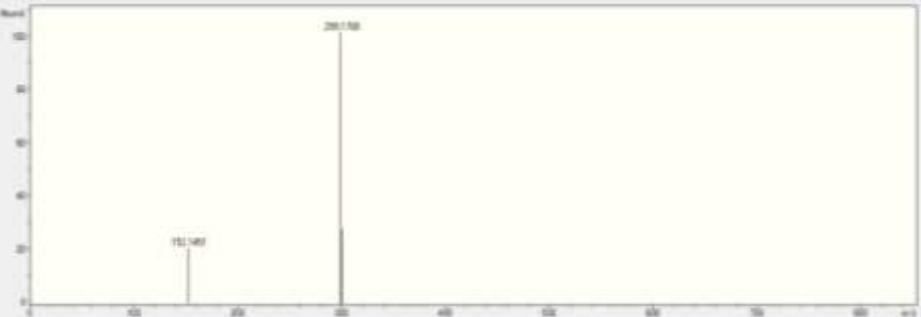
82.	Hookerianamide – C	Steroidal alkaloid	 <p>Chemical Formula: $C_{30}H_{50}N_2O_3$ Exact Mass: 486.3821</p>	
83.	Cyclovirobuxine-D	Steroidal alkaloid	 <p>Chemical Formula: $C_{26}H_{46}N_2O$ Exact Mass: 402.3610</p>	
84.	Heterophyllinine A	Diterpenoid alkaloid	 <p>Chemical Formula: $C_{22}H_{33}NO_2$ Exact Mass: 343.3</p>	

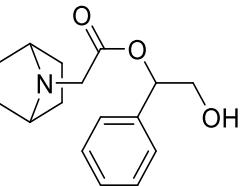
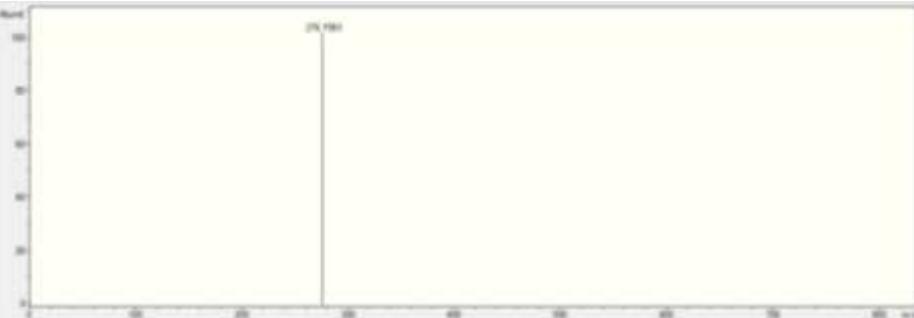
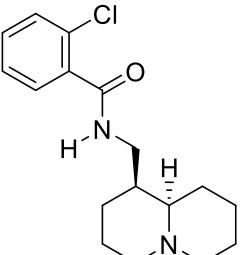
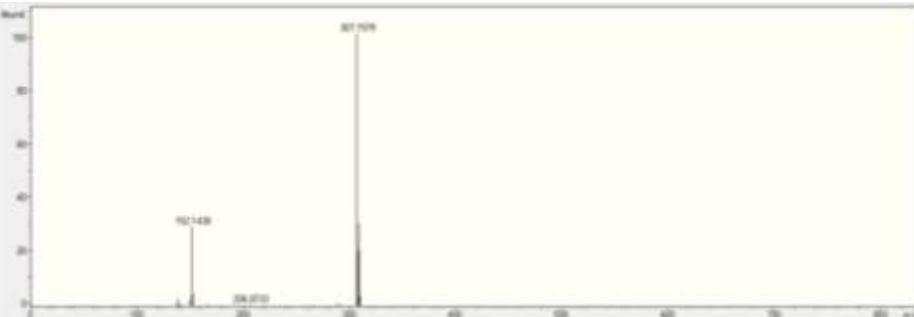
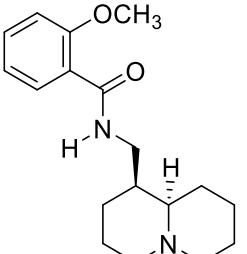
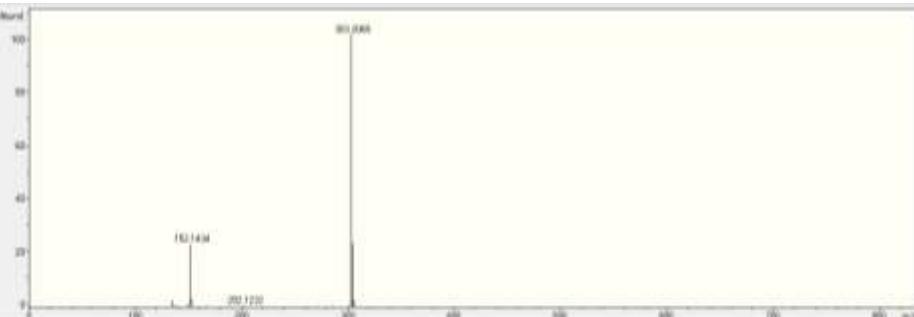
85.	Maculine	Quinoline alkaloid	 <p>Chemical Formula: C₁₃H₉NO₄ Exact Mass: 243.0532</p>	
86.	Lupinine ^a	Quinolizidine alkaloid	 <p>Chemical Formula: C₁₀H₁₉NO Exact Mass: 169.1</p>	
87.	Chlorolupinine	Quinolizidine alkaloid	 <p>Chemical Formula: C₁₀H₁₈CIN Exact Mass: 187.1</p>	

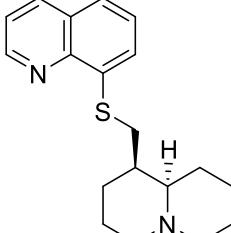
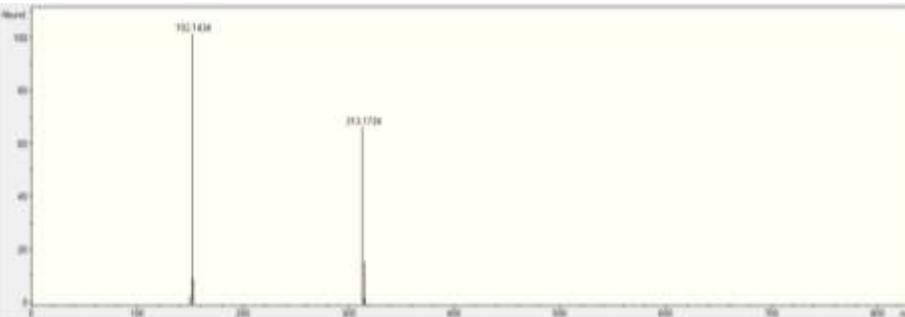
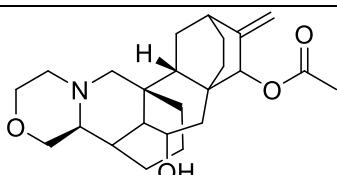
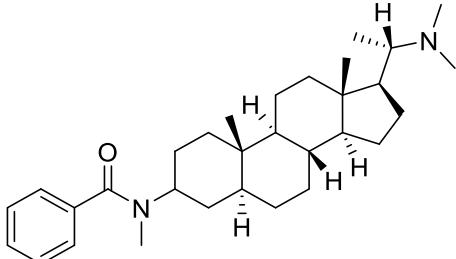
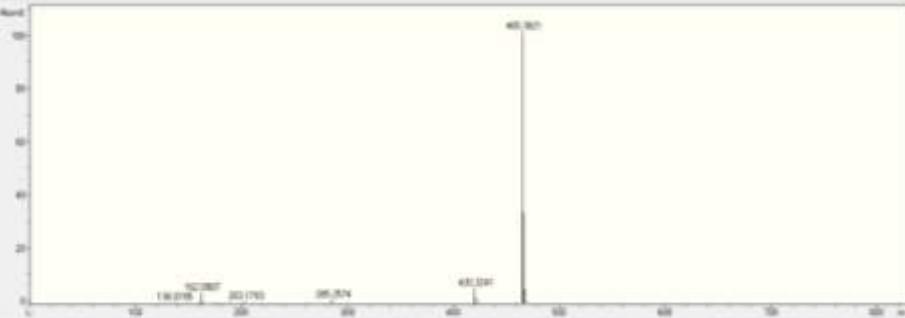
88.	Sodiumlupinate	Quinolizidine alkaloid	 <p>Chemical Formula: $C_{10}H_{18}NNaO$ Exact Mass: 191.1</p>	
89.	Lupinine ester p-chlorobenzoic acid	Quinolizidine alkaloid	 <p>Chemical Formula: $C_{17}H_{22}ClNO_2$ Exact Mass: 307.1339</p>	
90.	Anabasine ^a	Pyridine alkaloid	 <p>Chemical Formula: $C_{10}H_{14}N_2$ Exact Mass: 162.1</p>	

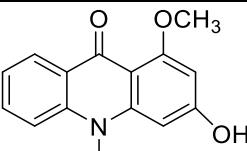
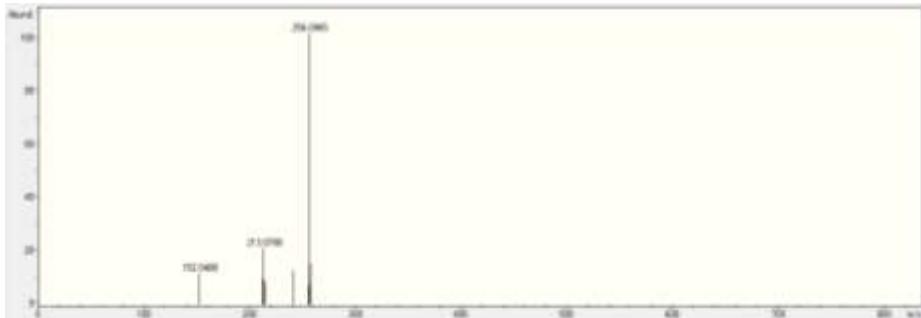
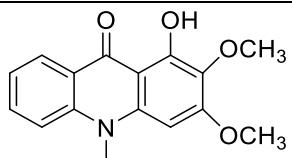
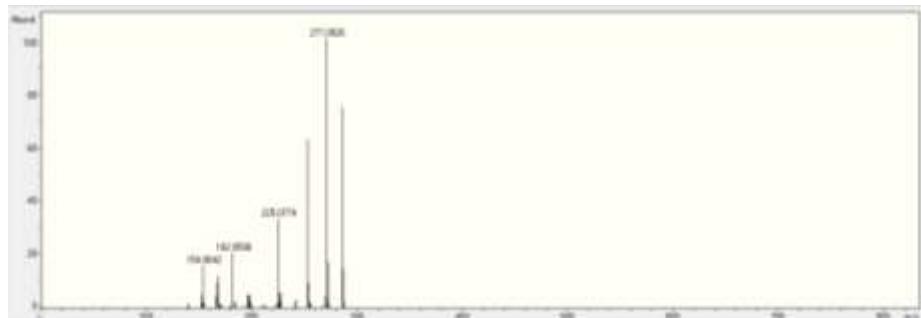
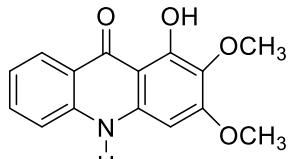
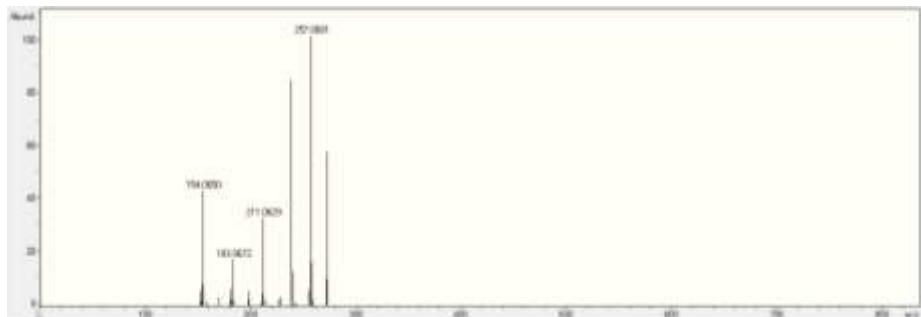
91.	Cytisine ^a	Quinolizidine alkaloid	 <p>Chemical Formula: $C_{11}H_{14}N_2O$ Exact Mass: 190.1</p>	
92.	12-(2-Hydroxypropyl)-cytisine	Quinolizidine alkaloid	 <p>Chemical Formula: $C_{14}H_{20}N_2O_2$ Exact Mass: 248.1525</p>	
93.	Salsoline ^a	Isoquinoline alkaloid	 <p>Chemical Formula: $C_{11}H_{15}NO_2$ Exact Mass: 193.1</p>	

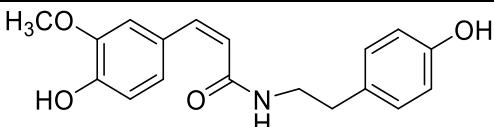
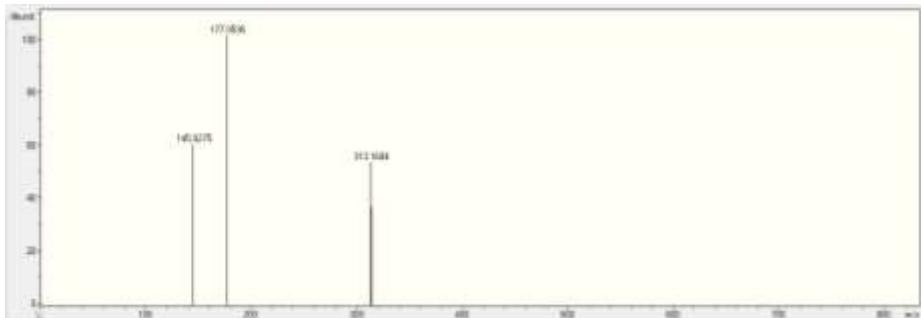
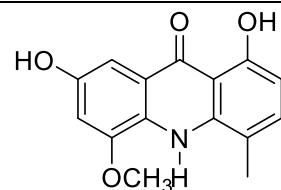
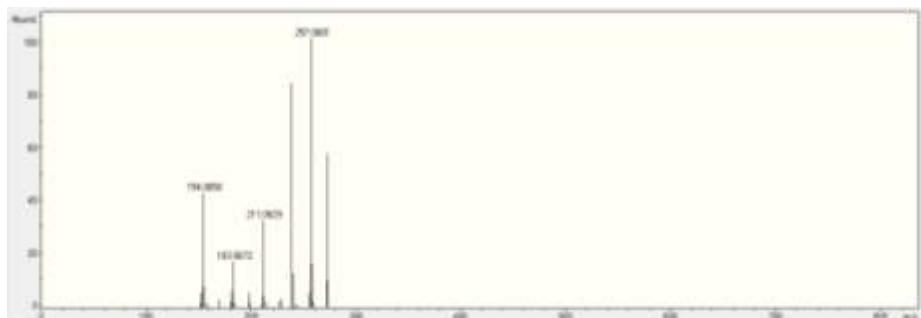
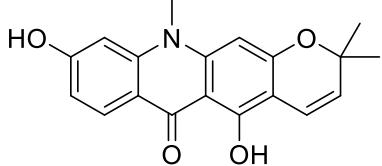
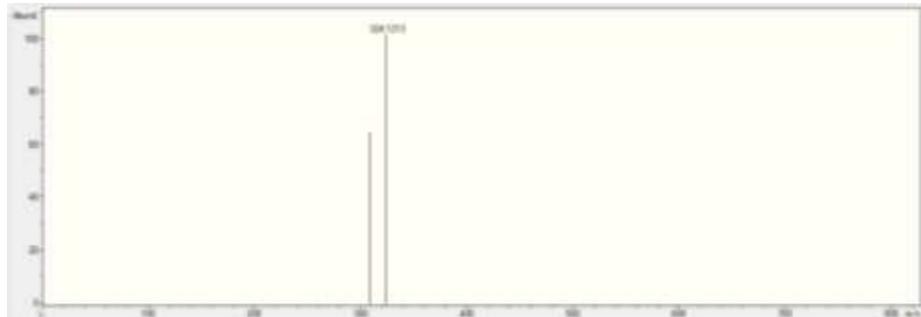
94.	Lupinine ester o-methylbenzoic acid	Quinolizidine alkaloid	 Chemical Formula: $C_{18}H_{25}NO_2$ Exact Mass: 287.2	
95.	(+)-Sparteine ^a	Quinolizidine alkaloid	 Chemical Formula: $C_{15}H_{26}N_2$ Exact Mass: 234.2096	
96.	Desoxypeganine	Quinazoline alkaloid	 Chemical Formula: $C_{11}H_{12}N_2$ Exact Mass: 172.1000	

97.	N-Nitrosoaffilinic acid	Quinolizidine alkaloid	 <p>Chemical Formula: C₁₅H₂₅N₃O₃ Exact Mass: 295.2</p>	
98.	Aminolupinine ester o-benzoil acid	Quinolizidine alkaloid	 <p>Chemical Formula: C₂₄H₂₈N₂O₂ Exact Mass: 376.2</p>	
99.	N-Lupinylphthalimid e	Quinolizidine alkaloid	 <p>Chemical Formula: C₁₈H₂₂N₂O₂ Exact Mass: 298.2</p>	

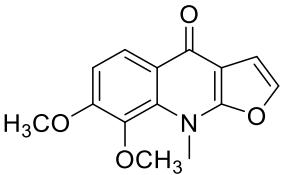
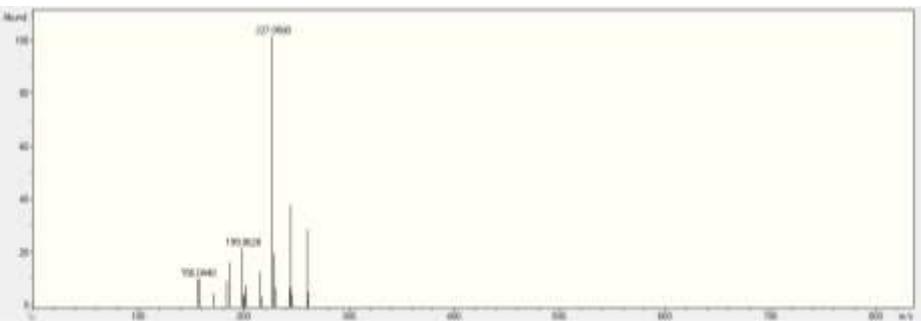
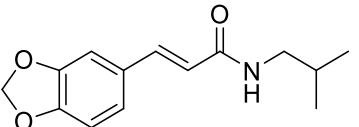
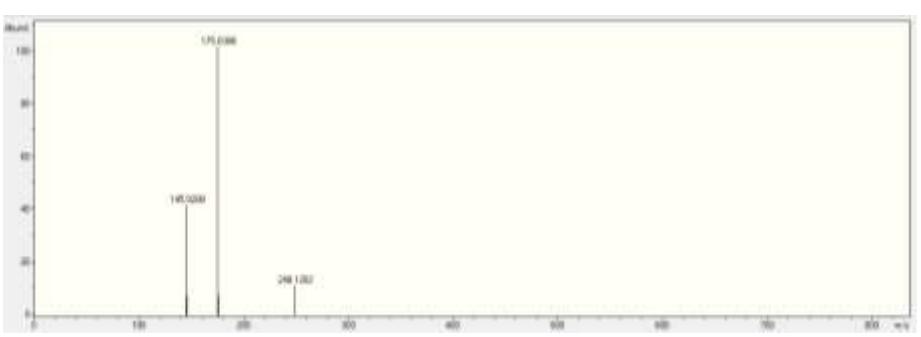
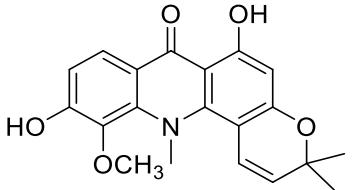
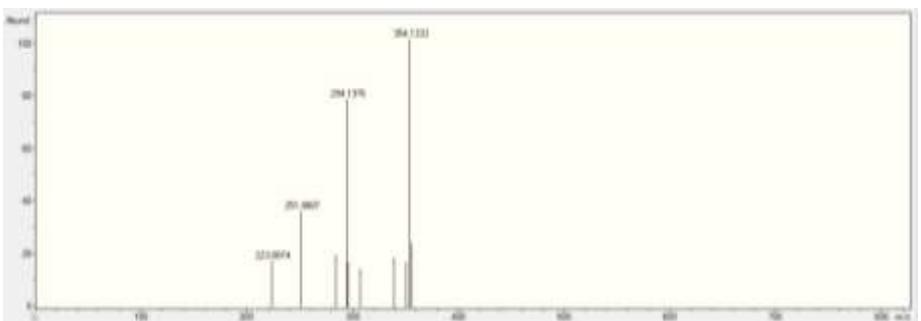
100.	Giosiamine	Pyrrolizidine	 <p>Chemical Formula: C₁₆H₂₁NO₃ Exact Mass: 275.1521</p>	
101.	Aminolupinine ester o-chlorobenzoic acid	Quinolizidine alkaloid	 <p>Chemical Formula: C₁₇H₂₃ClN₂O Exact Mass: 306.1</p>	
102.	Aminolupinine ester o-methoxybenzoic acid	Quinolizidine alkaloid	 <p>Chemical Formula: C₁₈H₂₆N₂O₂ Exact Mass: 302.2</p>	

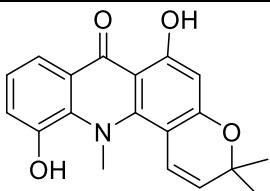
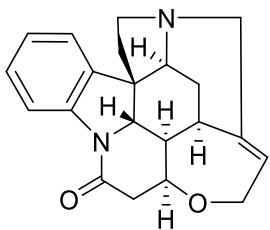
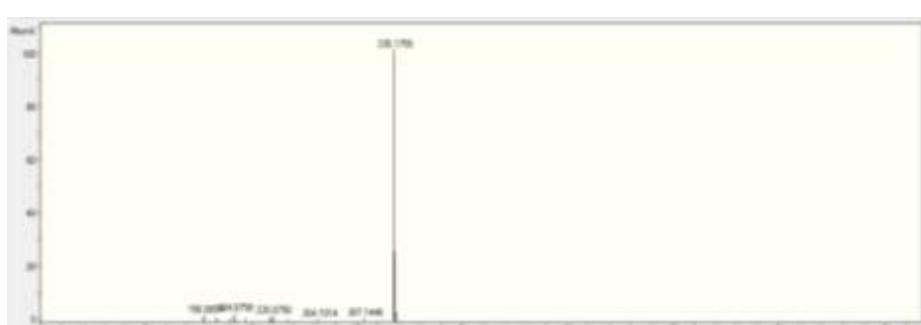
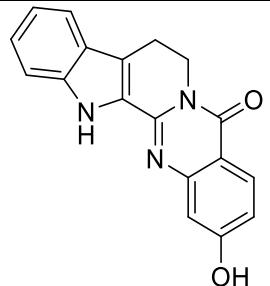
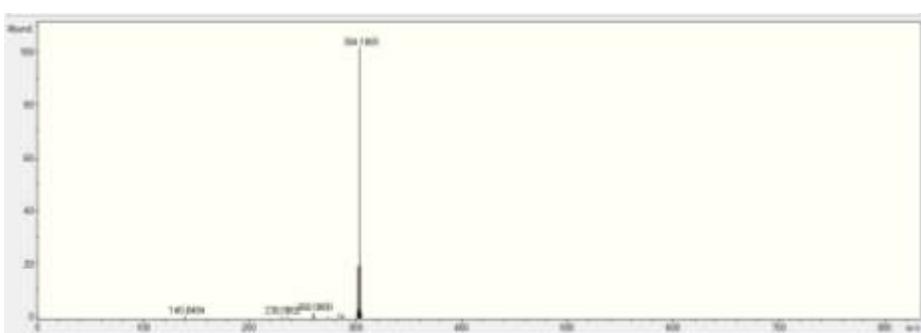
103.	Thiolupinine ester 8-quinoline	Quinolizidine alkaloid	 <p>Chemical Formula: C₁₉H₂₄N₂S Exact Mass: 312.2</p>	
104.	Heterophylline D	Diterpenoid alkaloid	 <p>Chemical Formula: C₂₄H₃₅NO₄ Exact Mass: 401.2566</p>	
105.	N _a - Methylepipachysamine-D	Steroidal alkaloid	 <p>Chemical Formula: C₃₁H₄₈N₂O Exact Mass: 464.3767</p>	

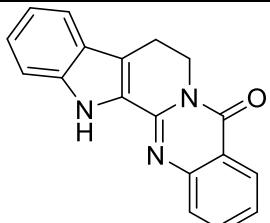
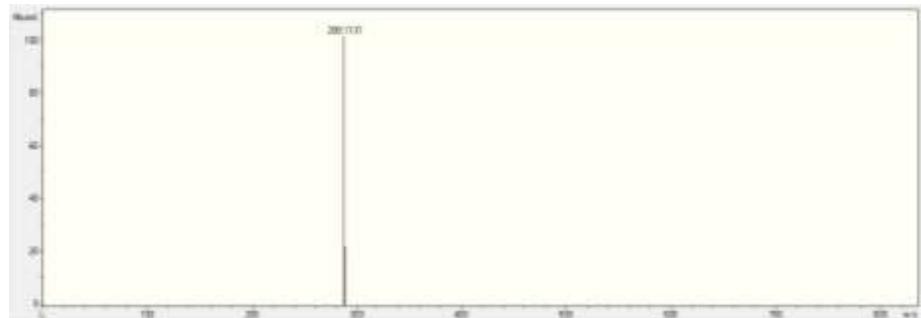
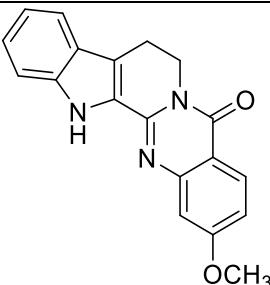
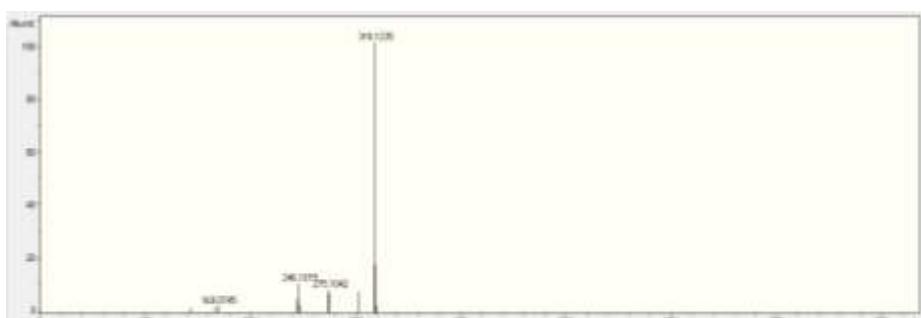
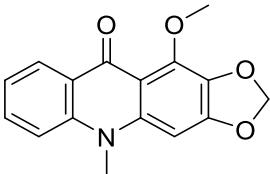
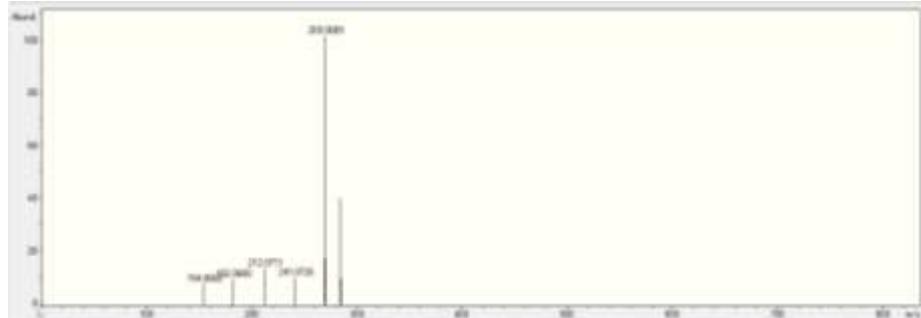
106.	Tegerrardin A	Quinoline alkaloid	 <p>Chemical Formula: C₁₅H₁₃NO₃ Exact Mass: 255.0895</p>	
107.	Arborinine	Quinoline alkaloid	 <p>Chemical Formula: C₁₆H₁₅NO₄ Exact Mass: 285.1001</p>	
108.	Xanthoxoline	Quinoline alkaloid	 <p>Chemical Formula: C₁₅H₁₃NO₄ Exact Mass: 271.0845</p>	

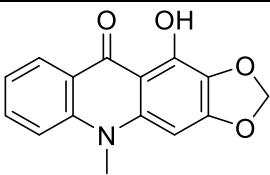
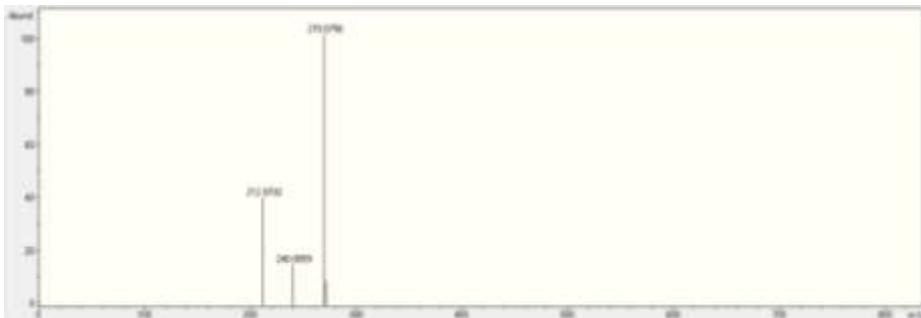
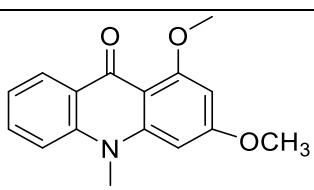
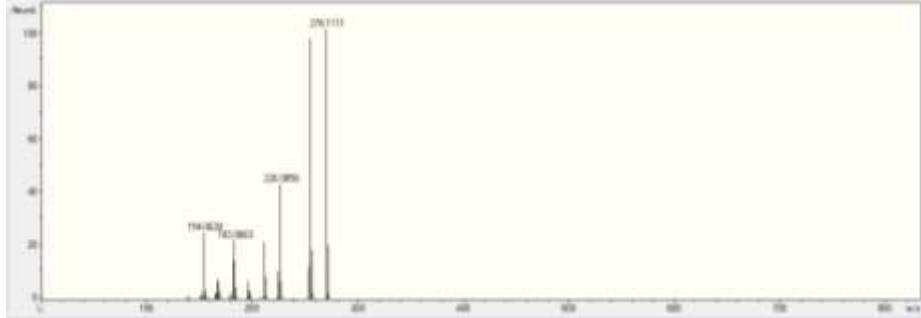
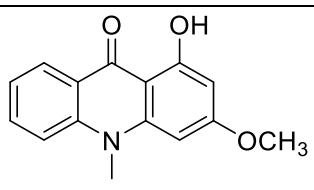
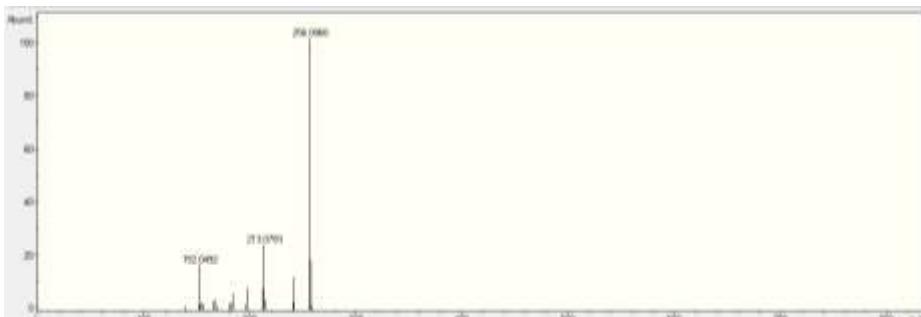
109.	Moupinamide	Tyramine alkaloid	 <p>Chemical Formula: C₁₈H₁₉NO₄ Exact Mass: 313.1314</p>	
110.	1,7-Dihydroxy-5-methoxy-4-methylacridin-9(10H)-one	Quinoline alkaloid	 <p>Chemical Formula: C₁₅H₁₃NO₄ Exact Mass: 271.0845</p>	
111.	5,9-Dihydroxy-2,2,11-trimethyl-2H-pyranoc[3,2-b]acridin-6(11H)-one	Quinoline alkaloid	 <p>Chemical Formula: C₁₉H₁₇NO₄ Exact Mass: 323.1158</p>	

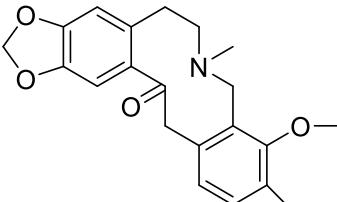
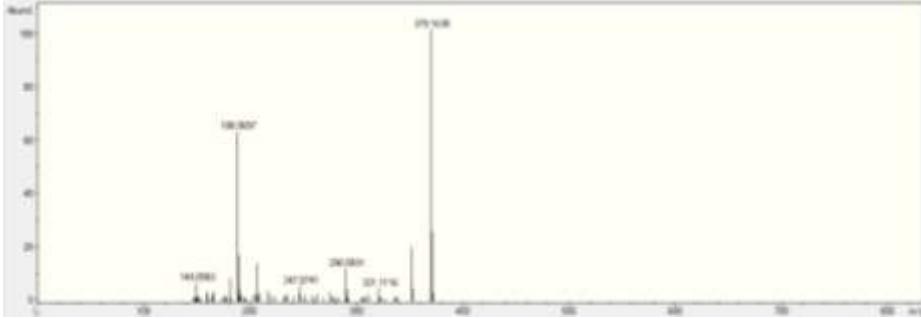
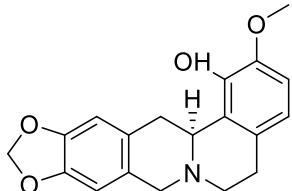
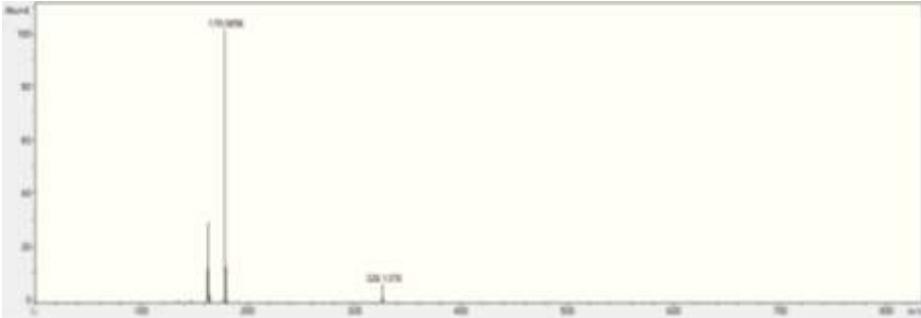
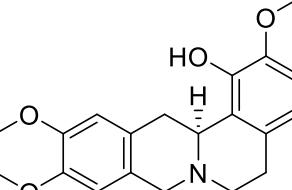
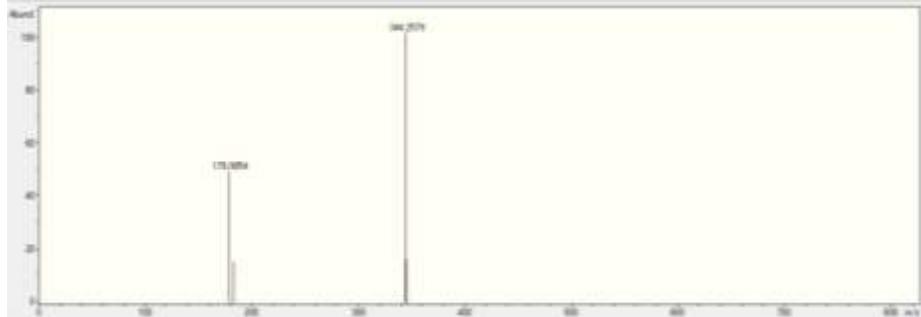
112.	(20S)-20-(N,N-Dimethylamino)-3 β -(tigloylamoно)-5 α -preg-2 β -ol	Steroidal alkaloid	 Chemical Formula: C ₂₈ H ₄₈ N ₂ O ₃ Exact Mass: 460.3665	
113.	(20S)-20-(N,N-Dimethylamino)-5 α -preg-3 β -aminal	Steroidal alkaloid	 Chemical Formula: C ₂₄ H ₄₂ N ₂ O Exact Mass: 374.3297	
114.	Iso-gamma-fagarine	Quinoline alkaloid	 Chemical Formula: C ₁₃ H ₁₁ NO ₃ Exact Mass: 229.0739	

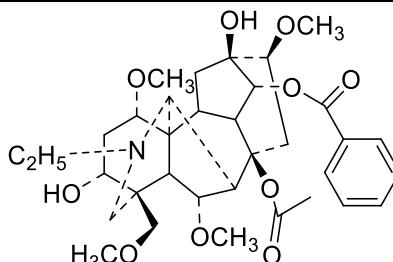
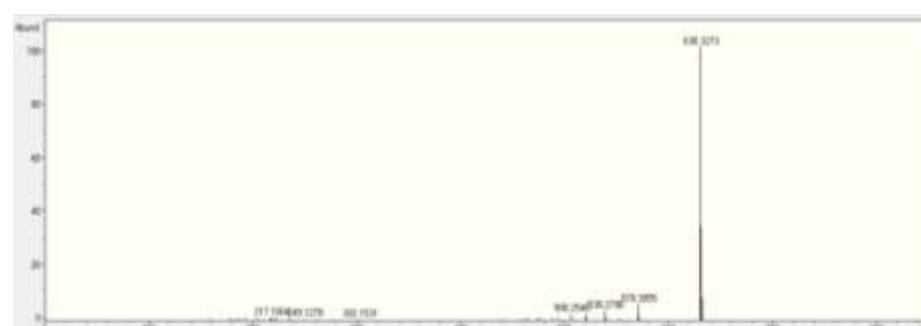
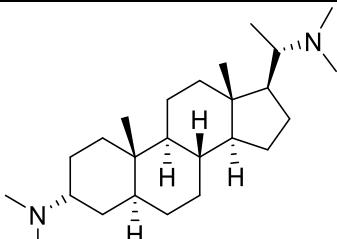
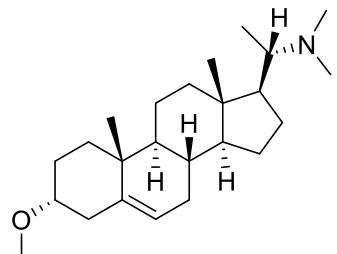
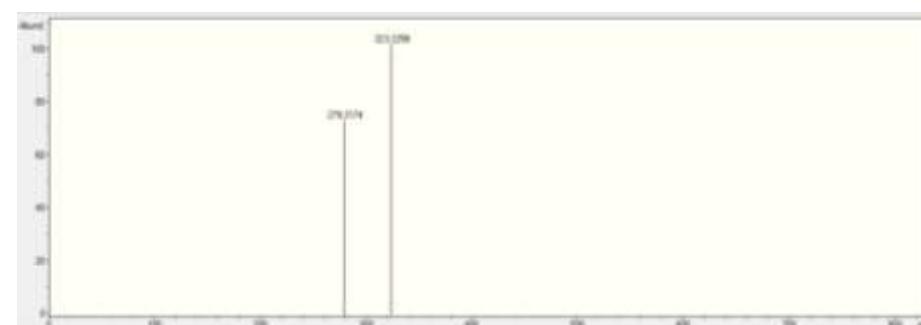
115.	Isoskimmianine	Quinoline alkaloid	 <p>Chemical Formula: C₁₄H₁₃NO₄ Exact Mass: 259.0845</p>	
116.	Fagaramide	Isobutyl amides	 <p>Chemical Formula: C₁₄H₁₇NO₃ Exact Mass: 247.1208</p>	
117.	Citraclidone I	Quinoline alkaloid	 <p>Chemical Formula: C₂₀H₁₉NO₅ Exact Mass: 353.1263</p>	

118.	11-Hydroxynoracronine	Quinoline alkaloid	 <p>Chemical Formula: C₁₉H₁₇NO₄ Exact Mass: 323.1158</p>	
119.	Strychnine	Indol alkaloid	 <p>Chemical Formula: C₂₁H₂₂N₂O₂ Exact Mass: 334.2</p>	
120.	3-Hydroxyrutaecarpine	Indol alkaloid	 <p>Chemical Formula: C₁₈H₁₃N₃O₂ Exact Mass: 303.1</p>	

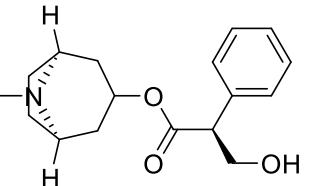
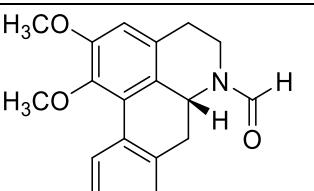
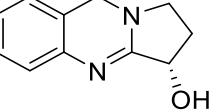
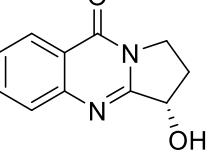
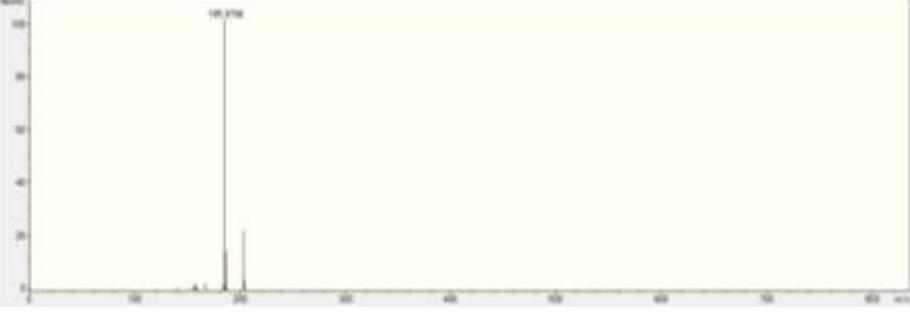
121.	Rutaecarpine	Indol alkaloid	 Chemical Formula: C ₁₈ H ₁₃ N ₃ O Exact Mass: 287.1	
122.	2-Methoxy rutaecarpine	Indol alkaloid	 Chemical Formula: C ₁₉ H ₁₅ N ₃ O ₂ Exact Mass: 317.1	
123.	Evoxanthine	Quinoline alkaloid	 Chemical Formula: C ₁₆ H ₁₃ NO ₄ Exact Mass: 283.0845	

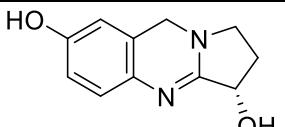
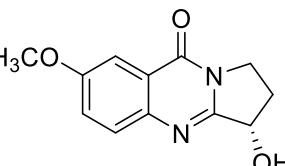
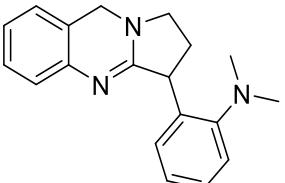
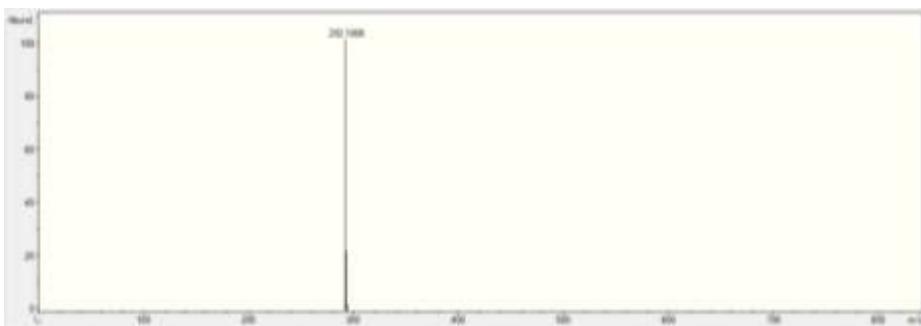
124.	Norevoxanthine	Quinoline alkaloid	 <p>Chemical Formula: C₁₅H₁₁NO₄ Exact Mass: 269.0688</p>	
125.	Arsellinic ester	Quinoline alkaloid	 <p>Chemical Formula: C₁₆H₁₅NO₃ Exact Mass: 269.1052</p>	
126.	1-Hydroxy-3-methoxy-10-methylacridinolone	Quinoline alkaloid	 <p>Chemical Formula: C₁₅H₁₃NO₃ Exact Mass: 255.0895</p>	

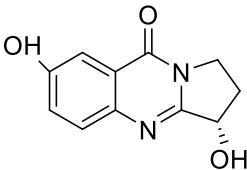
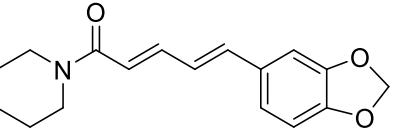
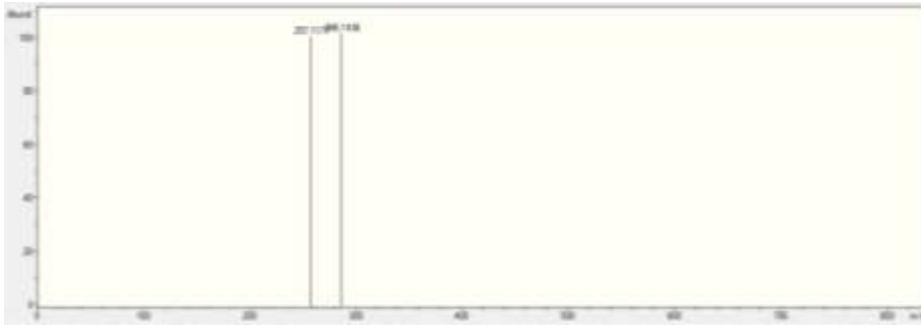
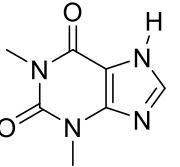
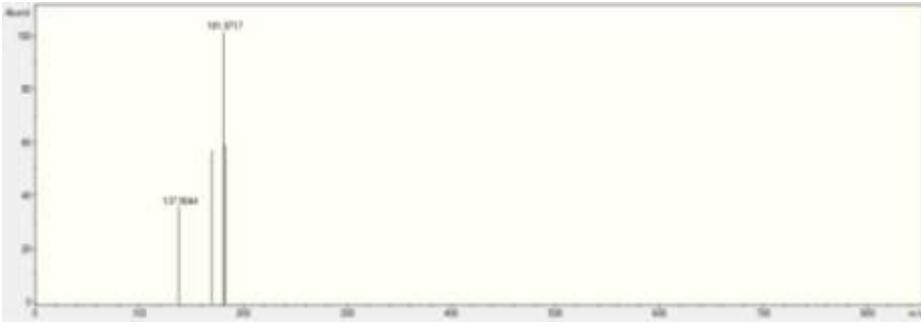
127.	Allocryptopine	Isoquinoline alkaloid	 <p>Chemical Formula: C₂₁H₂₃NO₅ Exact Mass: 369.2</p>	
128.	Govaniadine	Isoquinoline alkaloid	 <p>Chemical Formula: C₁₉H₁₉NO₄ Exact Mass: 325.1314</p>	
129.	Caseadine ^a	Isoquinoline alkaloid	 <p>Chemical Formula: C₂₀H₂₃NO₄ Exact Mass: 341.1627</p>	

130.	Indaconitine	Diester diterpenoid alkaloid	 <p>Chemical Formula: C₃₄H₄₇NO₁₀ Exact Mass: 629.3200</p>	
131.	Wallichimine A	Steroidal alkaloid	 <p>Chemical Formula: C₂₅H₄₆N₂ Exact Mass: 374.3661</p>	
132.	Pachyaximine-A	Steroidal alkaloid	 <p>Chemical Formula: C₂₄H₄₁NO Exact Mass: 359.3188</p>	

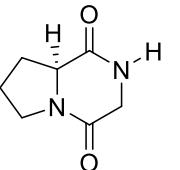
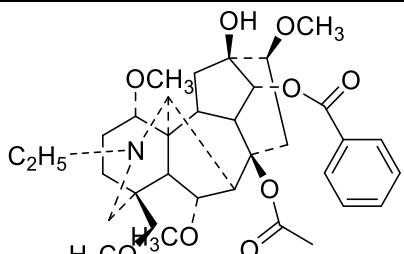
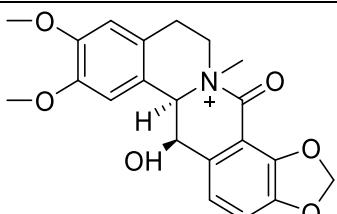
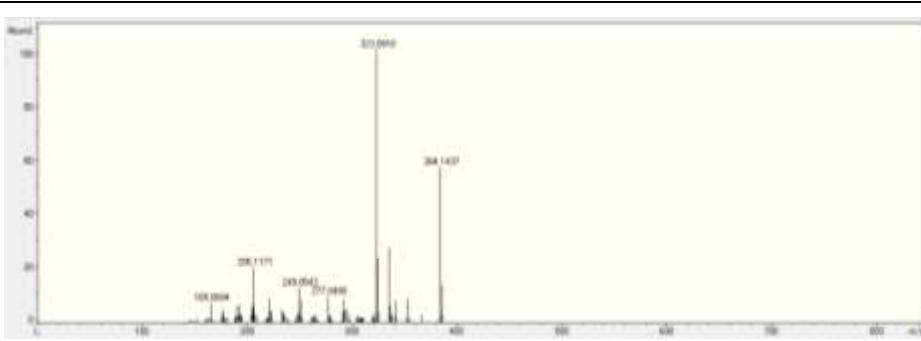
133.	(52R,53R,54R,55S,55aR,56R,57R,58S,59S, 59aS,510S)-55a-(Acetoxymethyl)-59-hydroxy-52,59,8,9-tetramethyl-2,7-dioxo-53,54,55,55a,56,57,58,59-octahydro-52H-3,6-dioxa-1(5,2)-pyridina-5(2,8)-3,9a-methanobenzo[b]oxepinacyclonaphane-54,55,56,57,510-pentyl pentaacetate	Pyridine alkaloid	<p>Chemical Formula: C₃₈H₄₇NO₁₈ Exact Mass: 805.2793</p>	
134.	Reserpine ^a	Indole alkaloid	<p>Chemical Formula: C₃₃H₄₀N₂O₉ Exact Mass: 608.2734</p>	
135.	Sonogoramine	Diterpenoid alkaloid	<p>Chemical Formula: C₂₂H₂₉NO₃ Exact Mass: 355.2147</p>	

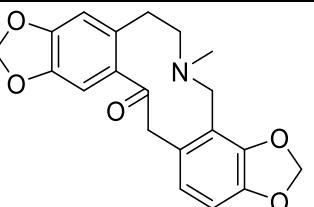
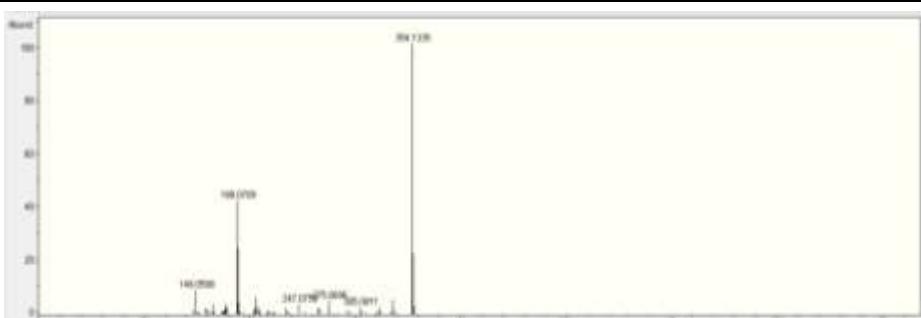
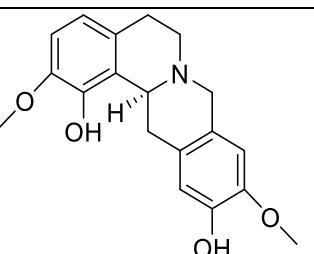
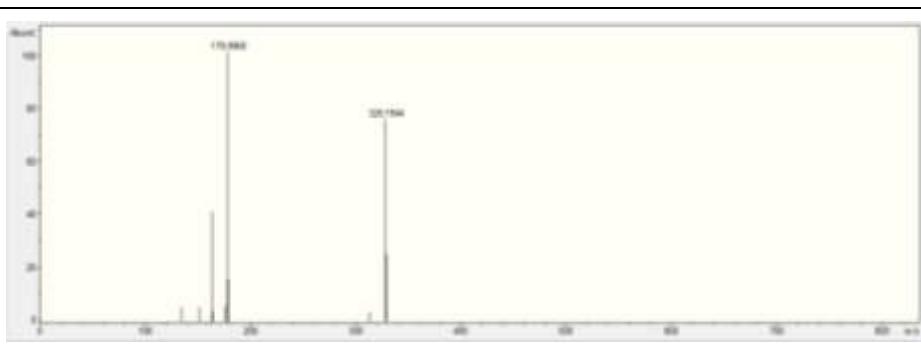
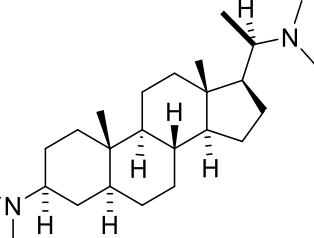
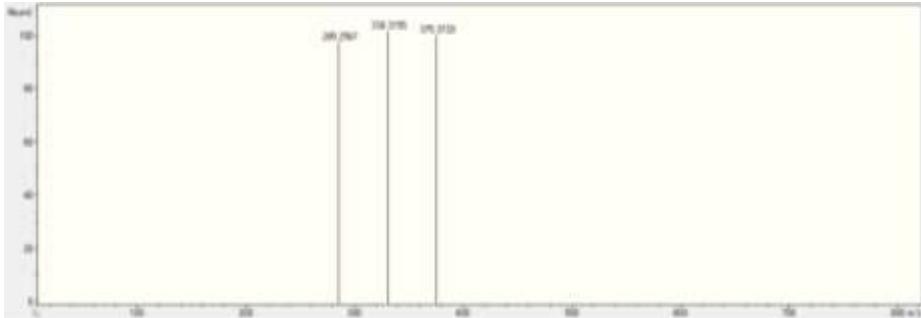
136.	Hyoscyamine ^a	Tropane alkaloid	 <p>Chemical Formula: C₁₇H₂₃NO₃ Exact Mass: 289.1678</p>	
137.	N-Formylanornuciferine	Isoquinoline alkaloid	 <p>Chemical Formula: C₁₉H₁₉NO₃ Exact Mass: 309.1365</p>	
138.	Vasicine	Quinazoline alkaloid	 <p>Chemical Formula: C₁₁H₁₂N₂O Exact Mass: 188.0950</p>	
139.	Vasinone	Quinazoline alkaloid	 <p>Chemical Formula: C₁₁H₁₀N₂O₂ Exact Mass: 202.0742</p>	

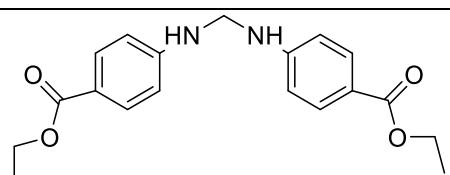
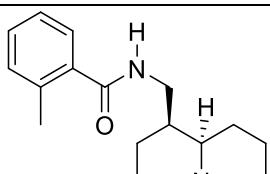
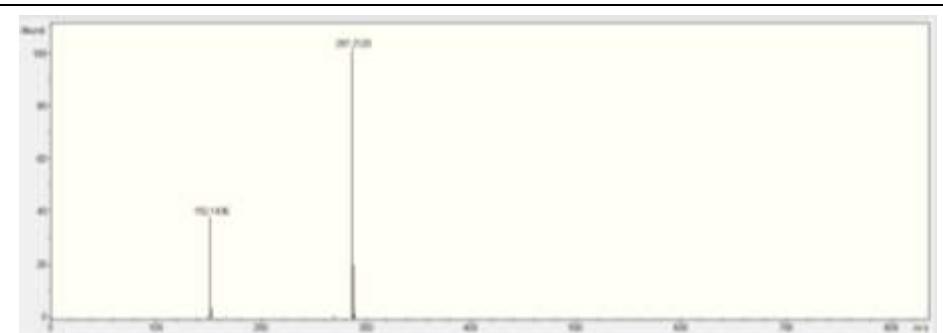
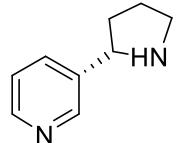
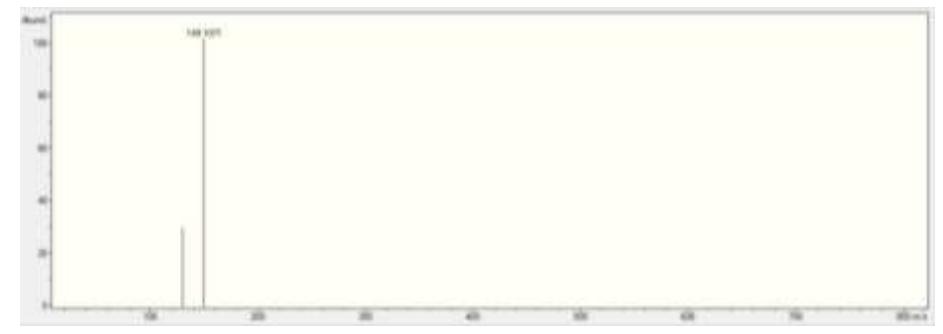
140.	Vasicinol	Quinazoline alkaloid	 <p>Chemical Formula: $C_{11}H_{12}N_2O_2$ Exact Mass: 204.0899</p>	
141.	7-Methoxy-Vasicinone	Quinazoline alkaloid	 <p>Chemical Formula: $C_{12}H_{12}N_2O_3$ Exact Mass: 232.0848</p>	
142.	Vasicoline	Quinazoline alkaloid	 <p>Chemical Formula: $C_{19}H_{21}N_3$ Exact Mass: 291.1735</p>	

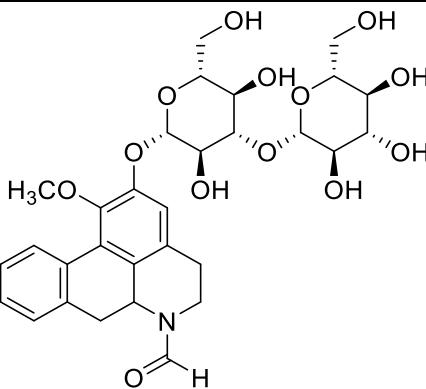
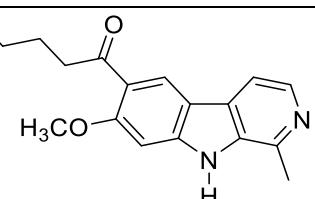
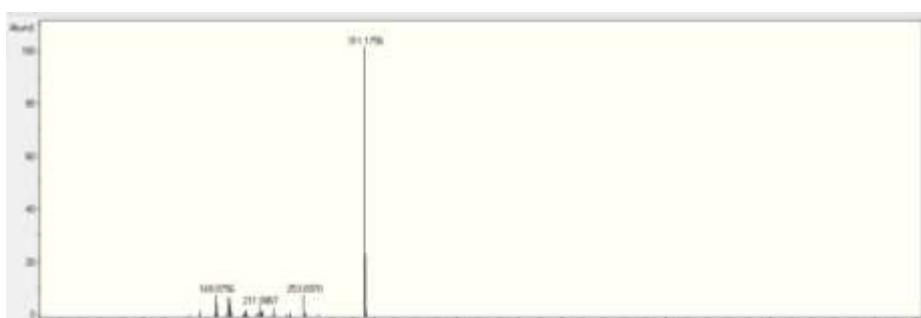
143.	7-Hydroxy- vasicinone	Quinazoline alkaloid	 <p>Chemical Formula: C₁₁H₁₀N₂O₃ Exact Mass: 218.0691</p>	
144.	Piperine ^a	Piperidine alkaloid	 <p>Chemical Formula: C₁₇H₁₉NO₃ Exact Mass: 285.1365</p>	
145.	Theophylline ^a	Xanthine alkaloid	 <p>Chemical Formula: C₇H₈N₄O₂ Exact Mass: 180.0647</p>	

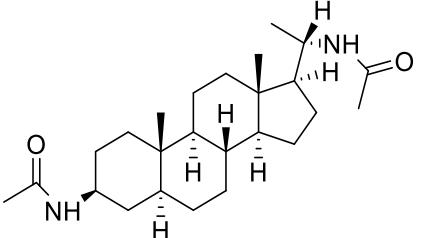
146.	Sarcorine	Steroidal alkaloid	<p>Chemical Formula: $C_{25}H_{44}N_2O$ Exact Mass: 388.3454</p>	
147.	Cyclo(alanine-4-hydroxyproline)	Diketopiperazine alkaloid	<p>Chemical Formula: $C_8H_{12}N_2O_3$ Exact Mass: 184.0848</p>	
148.	Cyclo(D)-trans-4-OH-Pro-(D)-Phe	Diketopiperazine alkaloid	<p>Chemical Formula: $C_{14}H_{16}N_2O_3$ Exact Mass: 260.1161</p>	

149.	(S)- Hexahydropyrrolo[1,2-a]pyrazine-1,4- dione	Diketopiperazine alkaloid	 <p>Chemical Formula: C₇H₁₀N₂O₂ Exact Mass: 154.0742</p>	
150.	Chasmaconitine	Diester diterpenoid alkaloid	 <p>Chemical Formula: C₃₄H₄₇NO₉ Exact Mass: 613.3251</p>	
151.	(6 <i>R</i> ,6 <i>aS</i>)-6-Hydroxy- 8,9-dimethoxy-13- methyl-14-oxo- 6,11,12,14- tetrahydro-6 <i>aH</i> - [1,3]dioxolo[4,5- <i>h</i>]isoquinolo[2,1- <i>b</i>]isoquinolin-13-ium	Isoquinoline alkaloid	 <p>Chemical Formula: C₂₁H₂₂NO₆⁺ Exact Mass: 384.1442</p>	

152.	Protopine	Isoquinoline alkaloid	 <p>Chemical Formula: C₂₀H₁₉NO₅ Exact Mass: 353.1263</p>	
153.	(±)-Scoulerine ^a	Isoquinoline alkaloid	 <p>Chemical Formula: C₁₉H₂₁NO₄ Exact Mass: 327.1471</p>	
154.	N-Methylpachysamine	Steroidal alkaloid	 <p>Chemical Formula: C₂₅H₄₆N₂ Exact Mass: 374.3661</p>	

155.	Diethyl-N-N'-methylene bis (4-aminobenzoate)	Dimeric alkaloid	 <p>Chemical Formula: C₁₉H₂₂N₂O₄ Exact Mass: 342.1580</p>	
156.	Aminolupinine ester o-methylbenzoic acid	Quinolizidine alkaloid	 <p>Chemical Formula: C₁₈H₂₆N₂O Exact Mass: 286.2045</p>	
157.	Nornicotine ^a	Pyridine alkaloid	 <p>Chemical Formula: C₉H₁₂N₂ Exact Mass: 148.1000</p>	

158.	Benzouracil	Quinazolinediol	 <p>Chemical Formula: C₈H₆N₂O₂ Exact Mass: 162.0429</p>	
159.	1-Methoxy-2-{b-D-glc.pyr. (1-3) b-D-glc.pyr.}-6-formylnoraporphine	Aporphine alkaloid	 <p>Chemical Formula: C₃₀H₃₇NO₁₃ Exact Mass: 619.2265</p>	
160.	10-Hexanoyl-11-hydroxy-3-methylcarboline	Indol alkaloid	 <p>Chemical Formula: C₁₉H₂₂N₂O₂ Exact Mass: 310.1681</p>	

161.	3b, 20a-Diacetamido-5a-pregnane	Steroidal alkaloid	 Chemical Formula: C ₂₅ H ₄₂ N ₂ O ₂ Exact Mass: 402.3246	
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a = Found in GNPS

Table S2: Alkaloids found in various plant extracts using developed alkaloidal library.

Source	Compound Name	RT [min]	Drift RT [min]	Fragments
<i>Aconitum heterophyllum</i>	Nordhagenine	4	-0.2	450.2837, 451.2868, 418.2564
	Isotalatizidine	3.2	+0.1	408.2744, 409.2781, 390.2639
	Heterophyllinine A	3.9	0	344.2583, 345.2610, 346.2679
	Magnoflorine	3.8	+0.2	297.1124, 265.0860, 342.1696
	Harmine	4.8	+0.2	213.1013, 198.0779, 170.0830
	(+)-Sparteine	1.2	0	235.2168, 236.2208, 233.2008
	Indaconitine	6.2	+0.2	630.3273, 631.3306, 632.3334
	Chasmaconitine	6.2	+0.1	614.3310, 615.3364, 616.3374
	Boldine	3.8	+0.1	265.0857, 297.1121, 237.0907
	N-Ethyl-18-(methylenemethoxyl)-1,6,14,16-tetramethoxy-lycoctonine	4.3	+0.1	466.3158, 467.3199, 468.3218
<i>Adhatoda Vasica</i>	12-(2-Hydroxypropyl)-cytisine	0.4	-0.2	249.1605, 231.1492, 250.1622
	7-Hydroxy-vasicinone	3.8	+0.12	201.0658, 202.0688, 173.0705
	Vasicinone	4.4	0	185.0704, 184.0628, 158.0598
	Benzouracil	3.1	0	163.0502, 146.0236
	Cinchonidine	3.5	+0.1	295.1805, 296.1839, 277.1699
	(+)-Sparteine	1.2	0	235.2168, 236.2208, 233.2008
	N _a -methylepipachysamine-D _[M+Na]	10.26	0	Not Found
	Vasicinol	0.8	0	178.9459, 144.9874, 205.0978
	Vasicine	1.29	0	171.0913, 189.1023, 169.0760
	Piperine	8.4	0	286.1436, 257.1177
<i>Buxus papilloosa</i>	N-Formylanornuciferine	8.3	+0.2	Not Found
	12-(2-Hydroxypropyl)-cytisine	0.5	-0.1	249.1605, 231.1492, 250.1622
	(+)-Sparteine	1.3	0	235.2168, 236.2208, 233.2008
	Moupinamide	6.4	+0.1	177.0536, 145.0275, 313.1604
	Cyclovirobuxine-D	3.9	0	403.3676, 404.3711, 372.3257
	Protopine	4.5	0	376.1155, 377.1188, 378.1214
<i>Delphinium brunonianum</i>	Nornicotine	0.5	0	149.1069, 150.1102, 130.0643
	(+)-Bicuculline	4.1	+0.1	307.0602, 368.1127, 163.0541
	14-Hydroxy isostephodoline	3.6	+0.2	372.1801, 244.1332, 390.1911
	(±)-Scoulerine	3.8	-0.2	178.0860, 328.1544, 163.0629
	Heterophyllinine A	4.1	+0.2	344.2583, 345.2610, 346.2679
	Magnoflorine	3.8	+0.2	297.1124, 265.0860, 342.1696
	Papavarine	5.1	+0.3	340.1540, 202.0860, 341.1577
	Boldine	3.8	+0.1	265.0857, 297.1121, 237.0907
	2-Acetyl-3-(2-propionylamidoethyl)-7-methoxyindole _[M+Na]	6.9	+0.1	311.1383, 312.1418, 313.1432
	Cinchonidine	3.7	+0.2	295.1805, 296.1839, 277.1699
	Lupinine ester o-methylbenzoic acid	5.7	+0.3	288.1956, 152.1432, 289.1992
	6,7-Dimethoxyfurano alkaloid	7.4	+0.2	260.0915, 230.0445, 345.0677
	9-Methoxy-[1,3]dioxolo[4,5-g]furo[2,3-b]quinoline	7.7	+0.1	244.0603, 229.0369, 245.0638
	Chlorolupinine	2.1	+0.2	188.1199, 190.1173, 189.1231

	Aminolupinine ester o-methoxybenzoic acid	4.3	+0.2	303.2069, 304.2101, 152.1434
	12-Epinapelline	3	-0.2	360.2531, 342.2426, 361.2559
<i>Theobroma cacao</i>	(+)-Sparteine	1.1	-0.1	235.2168, 236.2208, 233.2008
	N-methylepipachysamine-D [M+Na]	10.2	-0.1	Not Found
<i>Camellia sinensis</i>	Magnoflorine	3.9	+0.2	297.1124, 265.0860, 342.1696
	12-(2-Hydroxypropyl)-cytisine	0.5	0	249.1605, 231.1492, 250.1622
	(+)-Sparteine	1.3	0	235.2168, 236.2208, 233.2008
	Caffeine	4.3	0	195.0878, 138.0661
	Theobromine	2.9	0	169.8943, 182.9016, 138.9114
	Reserpine	6.6	0	609.2773, 610.2810, 195.0648
	Harmine	4.6	0	213.1013, 198.0779, 170.0830
<i>Peganum harmala</i>	Desoxypeganine	2.1	+0.1	173.1072, 137.0010, 174.1097
	(+)-Sparteine	1.2	0	235.2168, 236.2208, 233.2008
	Harmine	4.7	+0.1	213.1013, 198.0779, 170.0830
<i>Aegle marmelos</i>	Harmine	4.6	0	213.1013, 198.0779, 170.0830
<i>Rauwolfia serpentina</i>	12-Heptanoyl-11-methoxy-3-methyl-5,6-dihydro- b-carboline	7.2	0.1	327.2067, 328.2099, 325.1914
	10-Heptanoyl-11-methoxy-3-methyl-5,6-dihydro- b-carboline	6.9	0	327.2054, 328.2086, 286.1796
	Quinidine	3.7	0	325.1905, 326.1930, 307.1805
	Harmine	4.7	+0.1	213.1013, 198.0779, 170.0830
	Reserpine	6.5	0.1	Not Found
<i>Papaver somniferum</i>	(S,R) Noscapine	5	+0.2	220.0963, 414.1509, 221.1022
	Allocryptopine	4.6	0	370.1638, 188.0697, 371.1670
	Protopine	4.6	+0.1	376.1155, 377.1188, 378.1214
	Magnoflorine	3.8	+0.1	297.1124, 265.0860, 342.1696
	Papavarine	4.9	+0.1	340.1540, 202.0860, 341.1577
	(±)-Scoulerine	4.2	+0.1	178.0860, 328.1544, 163.0629
	Boldine	3.8	+0.1	265.0857, 297.1121, 237.0907
	(+)-Sparteine	1.4	+0.1	235.2168, 236.2208, 233.2008
	Harmine	4.8	+0.2	213.1013, 198.0779, 170.0830
	(6R, 6AS)-6-hydroxy-8,9-dimethoxy-13-methyl-14-oxo-6,11,12,14-tetrahydro-6aH-[1,3]dioxolo[4,5-H]isoquino[2,1-b]isoquinolin-13-iium	4.5	0.2	Not Found
	Caseadine	4.4	-0.2	Not Found
<i>Berberis vulgaris</i>	N-methylepipachysamine-D	10.2	-0.1	517.3765, 518.3790
<i>Piper longum</i>	Piperine[M+Na]	8.5	0	308.1253, 309.1288, 310.1329
	Piperine	8.2	-0.2	286.1436, 257.1177
	N-Formylanornuciferine	8.2	0.1	Not Found
<i>Sarcococca saligna</i>	Sarcorine	6.2	-0.2	389.3531, 390.3561, 285.2579
	(20S)-20-(N,N-dimethylamino)-5a-preg-3b-aminal	6	+0.1	375.3366, 376.3404, 285.2572
	Terminaline	5.1	0	364.3207, 365.3232, 283.2431
	Pachyaximine-A	7.1	0	323.2258, 279.2174
	Berberine	5.1	0	336.1219, 321.0997, 337.1250

	Moupinamide	6.1	-0.1	177.0536, 145.0275, 313.1604
	Sarcovagagenine C [M+Na]	7.2	0	465.3841, 420.3264, 162.0915
	N-Methylepipachysamin D	7.3	0	517.3765, 518.3790
	(20S)-20-(N,N-dimethylamino)- 3 β - (tigloylamino)-5 α -preg-2 β -ol	5.7	0	461.3725, 462.3751, 380.2934
	(20S)-20-(N,N-dimethylamino)- 3 β - (tigloylamino)-5 α -preg-2 β -ol[M+Na]	5.9	+0.1	483.3566, 484.3607, 402.2782
	3b, 20a-diacetamido-5a-pregnane	5.3	0	403.3319, 404.3351, 405.3382
	Pachyaximine-A	7.1	0	323.2258, 279.2174
	Heterophyllinine A	3.9	0	344.2583, 345.2610, 346.2679
	Magnoflorine	3.7	0	297.1124, 265.0860, 342.1696
	Quinidine	3.6	0	325.1905, 326.1930, 307.1805
	Aminolupinine ester o-chlorobenzoic acid	4.6	0	307.1570, 309.1539, 152.1430
	Aminolupinine ester o-methoxybenzoic acid	4	0	303.2069, 304.2101, 152.1434
	Cinchonidine	3.5	0	295.1805, 296.1839, 277.1699
	Sarcorine	6.5	+0.1	389.3531, 390.3561, 285.2579
Herbal Formulation	Isotalatizidine	3.1	0	408.2744, 409.2781, 390.2639
	14-Hydroxy isostephodeline	3.4	0	372.1801, 244.1332, 390.1911
	Heterophyllinine A	3.9	0	344.2583, 345.2610, 346.2679
	Aminolupinine ester o-chlorobenzoic acid	4.6	0	307.1570, 309.1539, 152.1430
	Aminolupinine ester o-methoxybenzoic acid	4	0	303.2069, 304.2101, 152.1434
	Magnoflorine	3.7	0	Not Found
	Cinchonidine	3.5	0	Not Found

Not Found: Compounds detected at Level 3 (Others are detected at level 1)