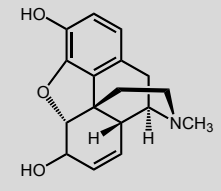
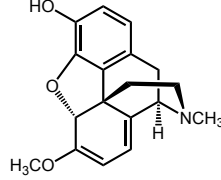
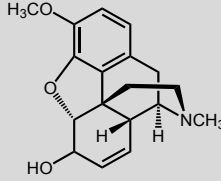
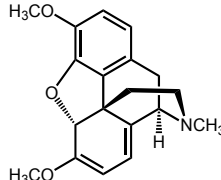
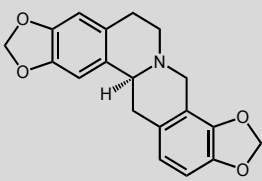
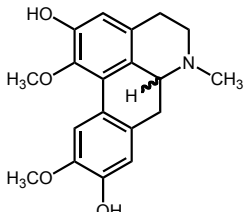
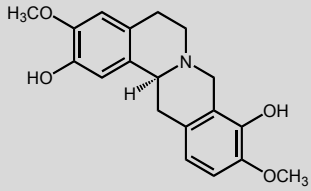
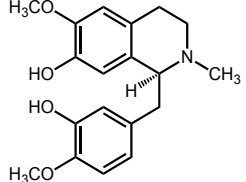
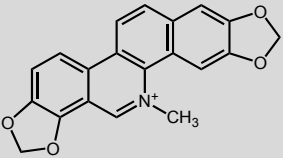
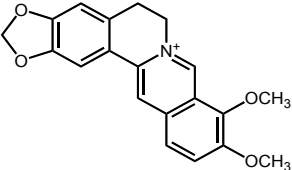
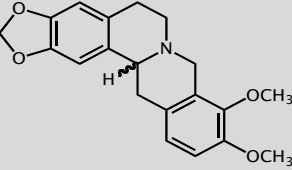
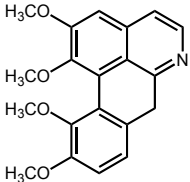
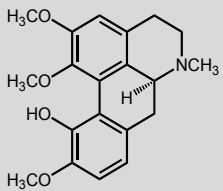
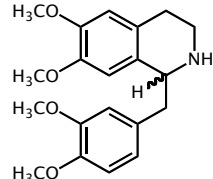
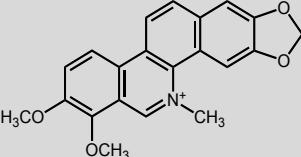
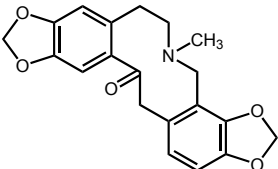
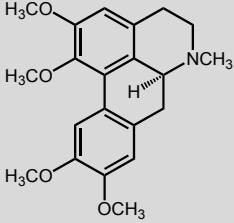
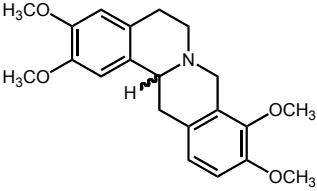
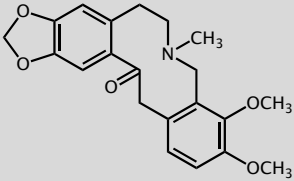
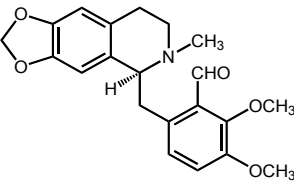
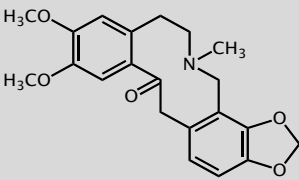
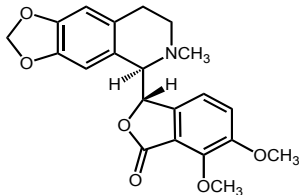


No.	Compound	[M+H] <sup>+</sup> or [M] <sup>+</sup>	RT (min)	CE (eV)	ESI[+]-CID spectrum <i>m/z</i> (Relative intensity)	Structure
1	Morphine	286	1.01	25	286 (100), 229 (11.01), 211 (11.97), 209 (8.65), 201 (27.03), 193 (6.91), 185 (13.14), 183 (11.34), 180.9 (8.42), 173 (12.69), 165 (12.95), 157 (5.02), 155 (11.35), 147 (6.32), 145 (5.78), 58 (11.42), 44 (6.78)	
2	Oripavine	296	3.5	25	298 (2), 283 (1), 267 (1), 249 (3), 237 (1), 234 (4), 223 (1), 221 (1), 218 (8), 196 (5), 58 (100)	
3	Codeine	300	3.52	25	300 (100), 282 (5.51), 243 (9.69), 241 (5.95), 225 (16.09), 215 (26.76), 209 (5.54), 199 (16.42), 193 (7.43), 187 (10.45), 183 (15.64), 181 (7.1), 165 (11.75), 161 (8.53), 155 (7.47), 58 (16.33), 44 (6.68)	
4	Thebaine	312	5.43	25	312 (2), 281 (2), 266 (4), 255 (1), 251 (11), 249 (2), 237 (1), 234 (2), 223 (2), 221 (7), 218 (4), 195 (2), 177 (1), 58 (100)	
5	(S)-Stylopine	324	11.25	25	324 (20.4), 176 (100), 149 (39.94), 119 (6.39)	
6	(R,S)-Boldine	328	4.98	25	297 (14.39), 282 (16.54), 267 (6.43), 266 (9.19), 265 (90.58), 237 (100), 233 (14.66), 222 (8.36), 205 (32.45), 177 (8.96), 44 (8.79)	
7	(S)-Scoulerine	328	6.21	25	328 (9.02), 178 (100), 151 (10.77)	
8	(S)-Reticuline	330	4.76	25	192 (100), 177 (8.09), 175 (19.32), 151 (5.45), 143 (25), 137 (41.49)	

9	Sanguinarine	332	8.26	25	332 (100), 330 (6.14), 317 (15.91), 304 (22.86), 302 (7.52), 274 (14.07)	
10	Berberine	336	8.02	25	336 (45.63), 321 (56.34), 320 (100), 306 (22.08), 304 (16.43), 292 (83.38), 278 (5.47), 275 (5.7)	
11	(R,S)-Canadine	340	10.28	25	340 (9.82), 176 (100), 149 (9.5)	
12	Papaverine	340	8.47	25	340 (70.91), 325 (7.91), 324 (74.12), 296 (11.54), 202 (100), 171 (15.27)	
13	(S)-Isocorydine	342	6.97	25	311 (13.26), 296 (36.67), 281 (30.93), 280 (34.69), 279 (100), 267 (5.76), 265 (39.91), 264 (84.05), 251 (24.03), 248 (64.06), 247 (18.41), 236 (40.49), 235 (5.61), 219 (9.84), 191 (8.47)	
14	(R,S)-Tetrahydropapaverine	344	6.23	25	296 (6.8), 192 (100), 189 (33.2), 174 (16.15), 158 (11.77), 151 (51.84)	
15	Chelerythrine	348	8.24	25	348 (45.51), 333 (37.27), 332 (100), 318 (31.94), 316 (8.2), 315 (8.48), 304 (56), 290 (8.73)	
16	Protopine	354	6.81	25	354 (59.25), 336 (9.18), 271 (16.84), 265 (6.09), 247 (9.8), 206 (17.05), 189 (79.71), 188 (100), 177 (6.22), 175 (5.93), 165 (14.85), 149 (46.29), 135 (6.12)	

17	(S)-Glaucine	356	7.64	25	325 (8.04), 310 (37.78), 295 (30.25), 294 (100), 279 (27.57)	
18	(R,S)-Tetrahydropalmatine	356	9.58	25	356 (10.45), 192 (100), 165 (22.38), 150 (5.5)	
19	Allocryptopine	370	6.99	25	370 (36.41), 352 (18.72), 337 (5.03), 336 (7.29), 321 (5.84), 306 (7.59), 290 (31.63), 206 (27.8), 191 (6.21), 190 (8.31), 189 (34.38), 188 (100), 181 (18.47), 166 (6.37), 165 (13.62), 151 (9.34), 149 (9.71)	
20	(S)-Canadaline	370	6.85	25	290 (12.64), 190 (100)	
21	Cryptopine	370	6.65	25	370 (68.18), 352 (10.46), 339 (5.46), 321 (9.4), 311 (6.87), 291 (15.92), 290 (5.28), 283 (5.57), 263 (10.91), 222 (16.66), 206 (8.09), 205 (69.54), 204 (100), 194 (8.21), 193 (11.48), 190 (32.49), 175 (10.43), 165 (89.48), 151 (5.35), 150 (12.28), 149 (23.01), 135 (5.56)	
22	Hydrastine	384	7.68	25	369 (7.93), 366 (10.08), 354 (17.54), 351 (65.15), 336 (100), 333 (5.55), 308 (6)	
23	Noscapine	414	10.67	25	414 (5), 365 (18.39), 323 (5.23), 220 (100), 206 (5), 179 (6.43)	