

Figure S-1. The peak height for every detected m/z in all 7 rainwater samples. There were 14,924 individual m/z 's detected in total.

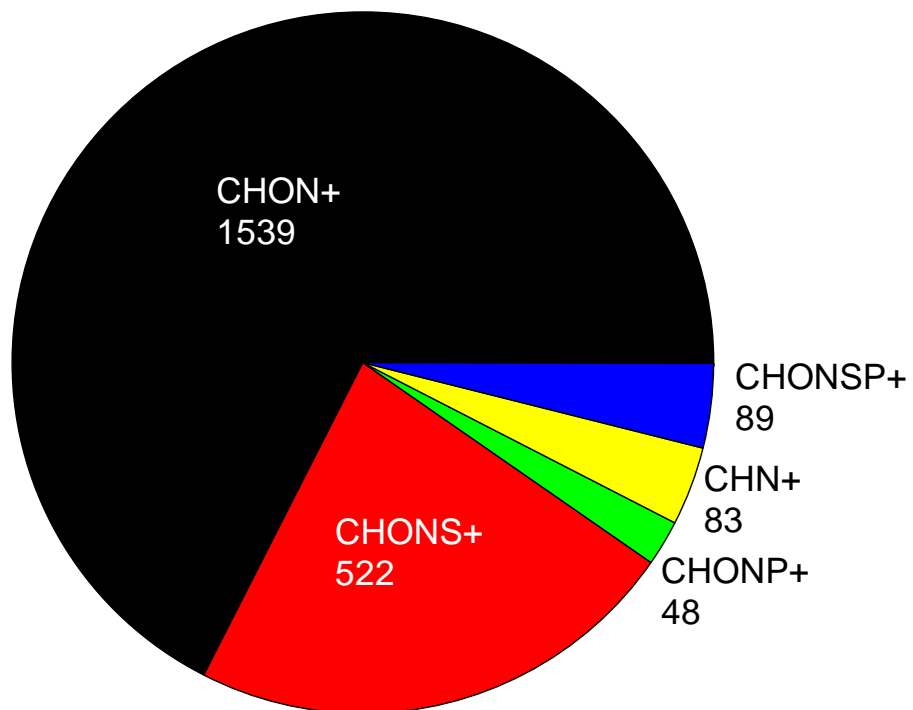


Figure S-2. Number of each type of N containing elemental formula (among 2281 N containing compounds) detected in the marine rainwater samples (positive ion mode m/z^+ 50-500).

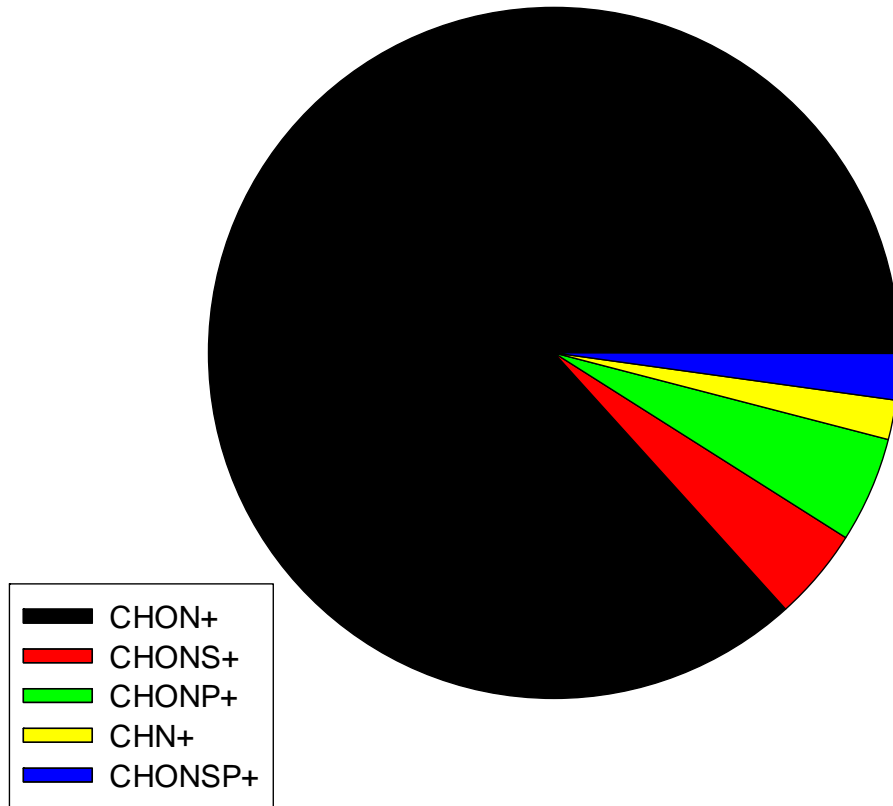


Figure S-3. Number of each type of N containing elemental formula detected in continental rainwater (positive ion mode m/z^+ 50-300). Modified from Altieri et al., 2009.

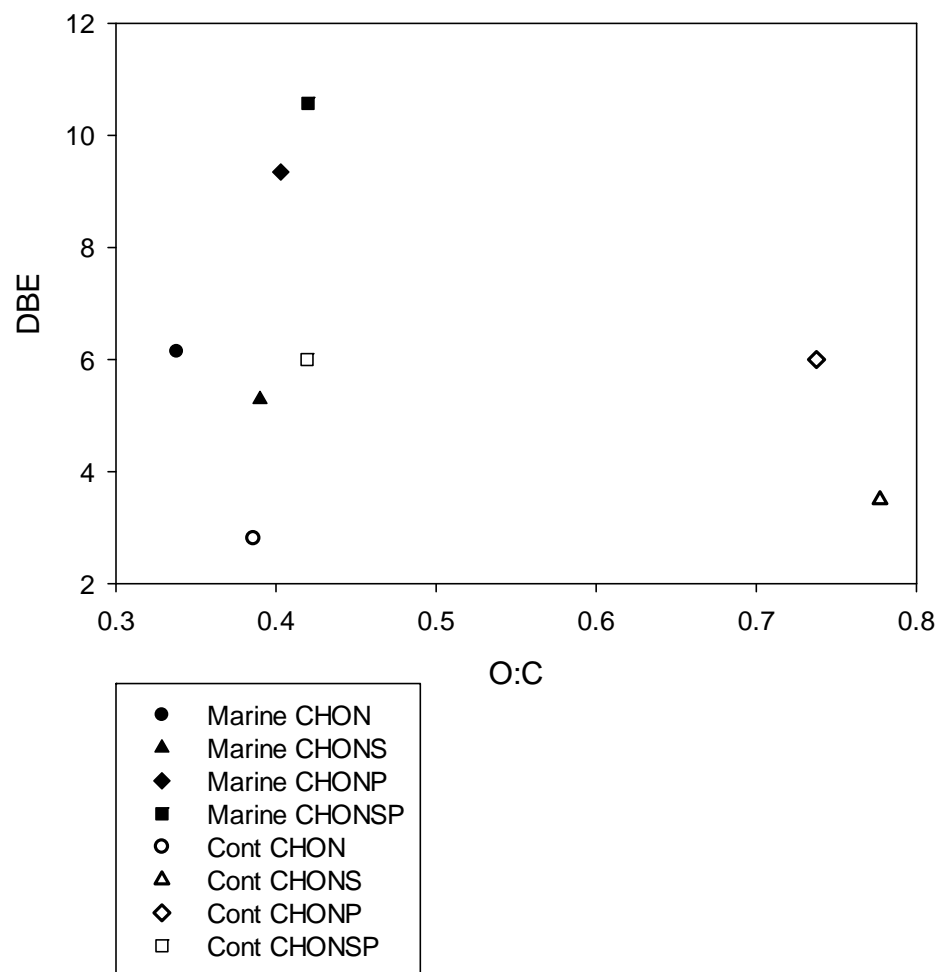


Figure S-4. Average (arithmetic mean) DBE vs. O:C for each N and O containing compound class.

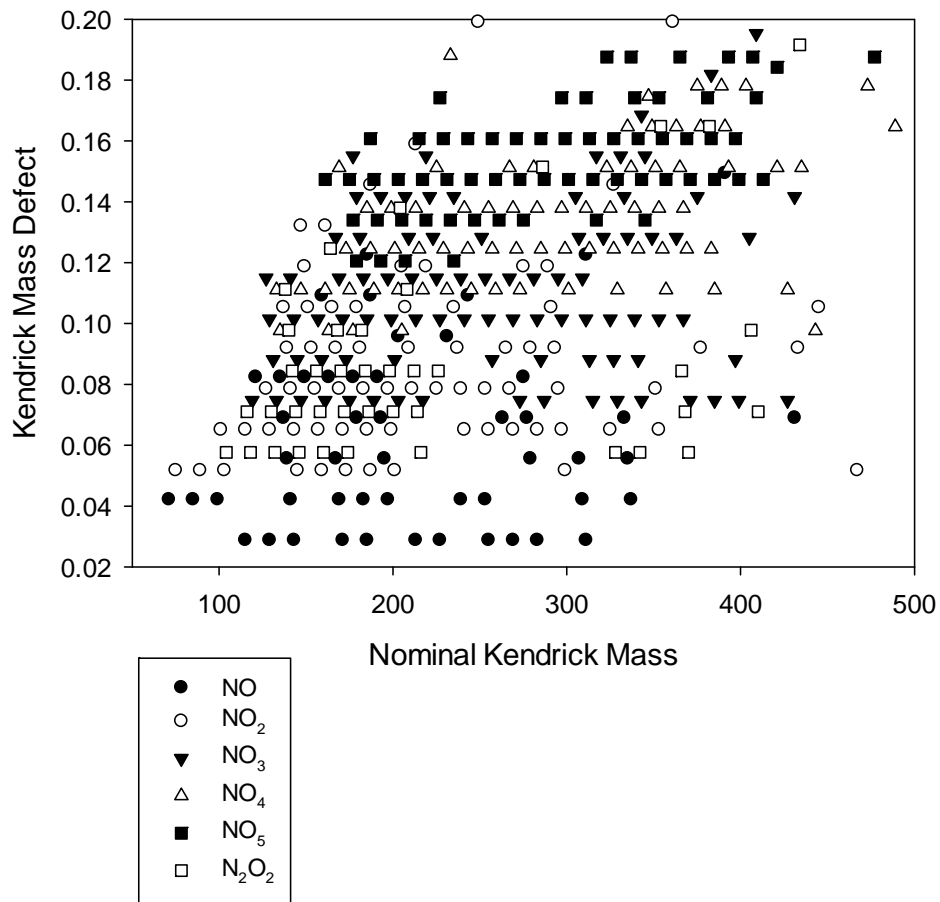


Figure S-5. Kendrick mass defect vs. nominal Kendrick mass (full mass range m/z^+ 50-500) for a subset of the CHON+ compounds (denoted in legend).

Table S-1. The measured m/z 's and calculated elemental formula for all N containing molecules in the 1 September 2009 rainwater sample.

CHON+	m/z^+	Elemental Formula
	76.039292	C ₂ H ₅ O ₂ N ₁
	86.060026	C ₄ H ₇ O ₁ N ₁
	100.075680	C ₅ H ₉ O ₁ N ₁
	102.054973	C ₄ H ₇ O ₂ N ₁
	104.070603	C ₄ H ₉ O ₂ N ₁
	116.070608	C ₅ H ₉ O ₂ N ₁
	128.070611	C ₆ H ₉ O ₂ N ₁
	129.029430	C ₄ H ₄ O ₃ N ₂
	130.122640	C ₇ H ₁₅ O ₁ N ₁
	132.065512	C ₅ H ₉ O ₃ N ₁
	133.097165	C ₅ H ₁₂ O ₂ N ₂
	134.044792	C ₄ H ₇ O ₄ N ₁
	136.075692	C ₈ H ₉ O ₁ N ₁
	138.054944	C ₇ H ₇ O ₂ N ₁
	138.088937	C ₆ H ₁₃ O ₁ N ₁
	138.091356	C ₈ H ₁₁ O ₁ N ₁
	139.047801	C ₄ H ₈ O ₂ N ₂
	139.050208	C ₆ H ₆ O ₂ N ₂
	139.084207	C ₅ H ₁₂ O ₁ N ₂
	140.070600	C ₇ H ₉ O ₂ N ₁
	141.102242	C ₇ H ₁₂ O ₁ N ₂
	142.086255	C ₇ H ₁₁ O ₂ N ₁
	143.081513	C ₆ H ₁₀ O ₂ N ₂
	145.108375	C ₅ H ₁₂ O ₁ N ₄
	146.092388	C ₅ H ₁₁ O ₂ N ₃
	147.112795	C ₆ H ₁₄ O ₂ N ₂
	148.039310	C ₈ H ₅ O ₂ N ₁
	148.060432	C ₅ H ₉ O ₄ N ₁
	150.091343	C ₉ H ₁₁ O ₁ N ₁
	151.086598	C ₈ H ₁₀ O ₁ N ₂
	152.056669	C ₅ H ₅ O ₁ N ₅
	152.068202	C ₆ H ₁₁ O ₂ N ₁
	152.070611	C ₈ H ₉ O ₂ N ₁
	153.063465	C ₅ H ₁₀ O ₂ N ₂
	154.086246	C ₈ H ₁₁ O ₂ N ₁
	156.063101	C ₅ H ₁₁ O ₃ N ₁
	156.076755	C ₆ H ₉ O ₂ N ₃
	156.101904	C ₈ H ₁₃ O ₂ N ₁
	157.097160	C ₇ H ₁₂ O ₂ N ₂
	157.133540	C ₈ H ₁₆ O ₁ N ₂
	158.081181	C ₇ H ₁₁ O ₃ N ₁
	159.051292	C ₄ H ₆ O ₃ N ₄
	159.076426	C ₆ H ₁₀ O ₃ N ₂
	159.112804	C ₇ H ₁₄ O ₂ N ₂

160.108052	$C_6H_{13}O_2N_3$
161.092083	$C_6H_{12}O_3N_2$
162.054978	$C_9H_7O_2N_1$
164.104590	$C_8H_{15}O_1N_1$
164.107014	$C_{10}H_{13}O_1N_1$
165.102261	$C_9H_{12}O_1N_2$
166.047465	$C_6H_9O_3N_1$
166.083858	$C_7H_{13}O_2N_1$
166.120240	$C_8H_{17}O_1N_1$
167.079090	$C_6H_{12}O_2N_2$
168.063113	$C_6H_{11}O_3N_1$
168.099501	$C_7H_{15}O_2N_1$
168.101912	$C_9H_{13}O_2N_1$
168.138317	$C_{10}H_{17}O_1N_1$
169.097168	$C_8H_{12}O_2N_2$
170.078765	$C_6H_{13}O_3N_1$
170.153948	$C_{10}H_{19}O_1N_1$
171.112833	$C_8H_{14}O_2N_2$
173.092118	$C_7H_{12}O_3N_2$
173.103336	$C_6H_{12}O_2N_4$
174.087318	$C_6H_{11}O_3N_3$
174.160097	$C_8H_{19}O_1N_3$
175.107832	$C_7H_{14}O_3N_2$
175.118958	$C_6H_{14}O_2N_4$
178.122695	$C_{11}H_{15}O_1N_1$
179.117899	$C_{10}H_{14}O_1N_2$
180.099495	$C_8H_{15}O_2N_1$
180.138267	$C_{11}H_{17}O_1N_1$
181.081990	$C_5H_{12}O_5N_2$
182.078757	$C_7H_{13}O_3N_1$
182.081169	$C_9H_{11}O_3N_1$
182.115152	$C_8H_{17}O_2N_1$
182.117525	$C_{10}H_{15}O_2N_1$
183.085379	$C_5H_{12}O_2N_4$
183.112792	$C_9H_{14}O_2N_2$
183.149208	$C_{10}H_{18}O_1N_2$
184.058029	$C_6H_{11}O_4N_1$
184.094410	$C_7H_{15}O_3N_1$
184.169589	$C_{11}H_{21}O_1N_1$
185.053275	$C_5H_{10}O_4N_2$
185.128461	$C_9H_{16}O_2N_2$
186.073677	$C_6H_{13}O_4N_1$
186.091346	$C_{12}H_{11}O_1N_1$
187.107710	$C_8H_{14}O_3N_2$
187.144104	$C_9H_{18}O_2N_2$
188.175738	$C_9H_{21}O_1N_3$
189.123369	$C_8H_{16}O_3N_2$
191.102666	$C_7H_{14}O_4N_2$

192.086640	$C_7H_{13}O_5N_1$
192.099496	$C_9H_{15}O_2N_1$
192.138302	$C_{12}H_{17}O_1N_1$
193.081874	$C_6H_{12}O_5N_2$
193.118285	$C_7H_{16}O_4N_2$
193.129565	$C_6H_{16}O_3N_4$
193.131138	$C_9H_{18}O_1N_2$
194.078755	$C_8H_{13}O_3N_1$
194.113407	$C_6H_{15}O_4N_3$
194.115149	$C_9H_{17}O_2N_1$
194.151544	$C_{10}H_{21}O_1N_1$
194.153947	$C_{12}H_{19}O_1N_1$
195.061124	$C_5H_{10}O_6N_2$
195.097503	$C_6H_{14}O_5N_2$
195.110381	$C_8H_{16}O_2N_2$
196.058053	$C_7H_{11}O_4N_1$
196.094403	$C_8H_{15}O_3N_1$
196.130859	$C_9H_{19}O_2N_1$
197.164851	$C_{11}H_{20}O_1N_2$
198.073669	$C_7H_{13}O_4N_1$
198.110069	$C_8H_{17}O_3N_1$
198.123692	$C_9H_{15}O_2N_3$
199.068961	$C_6H_{12}O_4N_2$
199.144098	$C_{10}H_{18}O_2N_2$
200.052906	$C_6H_{11}O_5N_1$
200.089275	$C_7H_{15}O_4N_1$
201.048142	$C_5H_{10}O_5N_2$
201.102211	$C_{12}H_{12}O_1N_2$
201.123358	$C_9H_{16}O_3N_2$
201.159724	$C_{10}H_{20}O_2N_2$
202.047463	$C_9H_9O_3N_1$
202.068559	$C_6H_{13}O_5N_1$
204.134267	$C_8H_{17}O_3N_3$
206.078799	$C_9H_{13}O_3N_1$
206.115111	$C_{10}H_{17}O_2N_1$
206.117519	$C_{12}H_{15}O_2N_1$
208.094392	$C_9H_{15}O_3N_1$
208.105726	$C_8H_{15}O_2N_3$
208.130782	$C_{10}H_{19}O_2N_1$
208.167152	$C_{11}H_{23}O_1N_1$
209.128488	$C_{11}H_{16}O_2N_2$
210.073680	$C_8H_{13}O_4N_1$
210.084902	$C_7H_{13}O_3N_3$
210.089095	$C_{12}H_{13}O_1N_1$
210.097236	$C_7H_{15}O_6N_1$
210.112388	$C_{11}H_{15}O_3N_1$
210.123671	$C_{10}H_{15}O_2N_3$
210.146523	$C_{10}H_{21}O_2N_1$

210.148794	$C_{12}H_{19}O_2N_1$
211.068934	$C_7H_{12}O_4N_2$
212.052896	$C_7H_{11}O_5N_1$
212.089280	$C_8H_{15}O_4N_1$
212.125677	$C_9H_{19}O_3N_1$
212.127968	$C_{11}H_{17}O_3N_1$
213.098259	$C_8H_{12}O_3N_4$
213.123474	$C_{10}H_{16}O_3N_2$
213.159733	$C_{11}H_{20}O_2N_2$
214.091098	$C_5H_{13}O_3N_5$
214.216536	$C_{13}H_{27}O_1N_1$
215.139169	$C_{10}H_{18}O_3N_2$
216.063130	$C_{10}H_{11}O_3N_1$
216.084239	$C_7H_{15}O_5N_1$
216.170579	$C_{10}H_{21}O_2N_3$
217.154842	$C_{10}H_{20}O_3N_2$
218.151508	$C_{12}H_{21}O_1N_1$
220.039232	$C_{14}H_5O_2N_1$
220.094453	$C_{10}H_{15}O_3N_1$
220.118020	$C_9H_{17}O_5N_1$
220.130790	$C_{11}H_{19}O_2N_1$
220.167168	$C_{12}H_{23}O_1N_1$
222.073689	$C_9H_{13}O_4N_1$
222.110036	$C_{10}H_{17}O_3N_1$
222.112489	$C_{12}H_{15}O_3N_1$
222.146431	$C_{11}H_{21}O_2N_1$
224.089298	$C_9H_{15}O_4N_1$
224.125726	$C_{10}H_{19}O_3N_1$
224.128088	$C_{12}H_{17}O_3N_1$
224.162108	$C_{11}H_{23}O_2N_1$
225.098251	$C_9H_{12}O_3N_4$
226.104948	$C_9H_{17}O_4N_1$
226.141351	$C_{10}H_{21}O_3N_1$
227.175434	$C_{12}H_{22}O_2N_2$
228.084221	$C_8H_{15}O_5N_1$
228.120620	$C_9H_{19}O_4N_1$
228.232151	$C_{14}H_{29}O_1N_1$
229.154801	$C_{11}H_{20}O_3N_2$
230.115149	$C_{12}H_{17}O_2N_1$
230.149843	$C_{10}H_{19}O_3N_3$
230.186305	$C_{11}H_{23}O_2N_3$
232.169553	$C_{15}H_{21}O_1N_1$
234.146428	$C_{12}H_{21}O_2N_1$
236.089296	$C_{10}H_{15}O_4N_1$
236.125660	$C_{11}H_{19}O_3N_1$
236.149257	$C_{10}H_{21}O_5N_1$
236.164368	$C_{14}H_{21}O_2N_1$
237.107206	$C_7H_{14}O_2N_6$

237.157317	C ₁₁ H ₂₂ O ₂ N ₂
238.104965	C ₁₀ H ₁₇ O ₄ N ₁
238.180137	C ₁₄ H ₂₃ O ₂ N ₁
240.120592	C ₁₀ H ₁₉ O ₄ N ₁
240.157003	C ₁₁ H ₂₃ O ₃ N ₁
240.159360	C ₁₃ H ₂₁ O ₃ N ₁
240.232235	C ₁₅ H ₂₉ O ₁ N ₁
242.063485	C ₈ H ₁₃ O ₆ N ₁
242.138627	C ₁₂ H ₁₉ O ₄ N ₁
244.079148	C ₈ H ₁₅ O ₆ N ₁
244.201941	C ₁₂ H ₂₅ O ₂ N ₃
245.075889	C ₈ H ₁₀ O ₂ N ₆
247.082606	C ₁₁ H ₁₀ O ₃ N ₄
248.125732	C ₁₂ H ₁₉ O ₃ N ₁
248.149201	C ₁₁ H ₂₁ O ₅ N ₁
248.162089	C ₁₃ H ₂₃ O ₂ N ₁
250.086245	C ₁₆ H ₁₁ O ₂ N ₁
250.141359	C ₁₂ H ₂₁ O ₃ N ₁
251.122841	C ₈ H ₁₆ O ₂ N ₆
252.084265	C ₁₀ H ₁₅ O ₅ N ₁
252.120598	C ₁₁ H ₁₉ O ₄ N ₁
252.159368	C ₁₄ H ₂₁ O ₃ N ₁
253.065590	C ₆ H ₁₀ O ₄ N ₆
253.069665	C ₁₁ H ₁₀ O ₂ N ₄
254.063430	C ₉ H ₁₃ O ₆ N ₁
254.136256	C ₁₁ H ₂₁ O ₄ N ₁
254.174927	C ₁₄ H ₂₃ O ₃ N ₁
254.247814	C ₁₆ H ₃₁ O ₁ N ₁
255.243025	C ₁₅ H ₃₀ O ₁ N ₂
256.079176	C ₉ H ₁₅ O ₆ N ₁
256.115493	C ₁₀ H ₁₉ O ₅ N ₁
256.263487	C ₁₆ H ₃₃ O ₁ N ₁
257.087015	C ₈ H ₁₀ O ₁ N ₈
259.102665	C ₈ H ₁₂ O ₁ N ₈
261.014207	C ₁₁ H ₄ O ₆ N ₂
261.118358	C ₈ H ₁₄ O ₁ N ₈
262.086193	C ₁₇ H ₁₁ O ₂ N ₁
262.130008	C ₁₂ H ₁₅ O ₂ N ₅
262.141326	C ₁₁ H ₁₅ O ₁ N ₇
262.177752	C ₁₄ H ₂₅ O ₂ N ₁
263.056191	C ₁₄ H ₆ O ₂ N ₄
263.122597	C ₉ H ₁₆ O ₂ N ₆
264.157052	C ₁₃ H ₂₃ O ₃ N ₁
264.193465	C ₁₄ H ₂₇ O ₂ N ₁
265.152320	C ₁₂ H ₂₂ O ₃ N ₂
265.227460	C ₁₆ H ₂₈ O ₁ N ₂
266.099885	C ₁₁ H ₁₇ O ₅ N ₁
266.123424	C ₁₀ H ₁₉ O ₇ N ₁

266.136307	$C_{12}H_{21}O_4N_1$
267.131543	$C_{11}H_{20}O_4N_2$
268.079157	$C_{10}H_{15}O_6N_1$
268.104053	$C_{10}H_{13}O_4N_5$
268.151959	$C_{12}H_{23}O_4N_1$
269.087026	$C_9H_{10}O_1N_8$
269.147214	$C_{11}H_{22}O_4N_2$
270.094869	$C_{10}H_{17}O_6N_1$
270.279166	$C_{17}H_{35}O_1N_1$
273.264896	$C_{14}H_{32}O_1N_4$
274.049857	$C_{17}H_7O_3N_1$
275.029941	$C_{12}H_6O_6N_2$
275.133958	$C_9H_{16}O_1N_8$
275.146484	$C_9H_{18}O_4N_6$
276.193424	$C_{15}H_{27}O_2N_1$
277.058081	$C_{12}H_4O_1N_8$
277.071849	$C_{15}H_8O_2N_4$
278.136387	$C_{13}H_{21}O_4N_1$
278.172693	$C_{14}H_{25}O_3N_1$
278.209112	$C_{15}H_{29}O_2N_1$
278.247710	$C_{18}H_{31}O_1N_1$
279.131675	$C_{12}H_{20}O_4N_2$
280.115529	$C_{10}H_{13}O_3N_7$
280.151978	$C_{13}H_{23}O_4N_1$
280.188418	$C_{14}H_{27}O_3N_1$
280.263528	$C_{18}H_{33}O_1N_1$
281.147221	$C_{12}H_{22}O_4N_2$
282.094863	$C_{11}H_{17}O_6N_1$
282.167637	$C_{13}H_{25}O_4N_1$
283.090161	$C_{10}H_{16}O_6N_2$
284.294812	$C_{18}H_{37}O_1N_1$
285.290098	$C_{17}H_{36}O_1N_2$
286.049828	$C_{18}H_7O_3N_1$
287.280552	$C_{15}H_{34}O_1N_4$
288.193490	$C_{16}H_{27}O_2N_1$
289.113367	$C_9H_{14}O_2N_8$
289.259818	$C_{14}H_{32}O_2N_4$
290.044735	$C_{17}H_7O_4N_1$
290.136157	$C_{14}H_{21}O_4N_1$
290.172686	$C_{15}H_{25}O_3N_1$
290.209075	$C_{16}H_{29}O_2N_1$
291.071403	$C_{11}H_8O_1N_8$
291.141431	$C_9H_{18}O_5N_6$
292.060421	$C_{17}H_9O_4N_1$
292.152005	$C_{14}H_{23}O_4N_1$
292.188336	$C_{15}H_{27}O_3N_1$
292.224761	$C_{16}H_{31}O_2N_1$
292.227044	$C_{18}H_{29}O_2N_1$

293.092056	$C_{17}H_{12}O_3N_2$
294.131321	$C_{13}H_{21}O_5N_1$
294.167608	$C_{14}H_{25}O_4N_1$
296.110520	$C_{12}H_{19}O_6N_1$
296.146928	$C_{13}H_{23}O_5N_1$
296.183239	$C_{14}H_{27}O_4N_1$
296.219702	$C_{15}H_{31}O_3N_1$
296.221984	$C_{17}H_{29}O_3N_1$
297.118371	$C_{11}H_{14}O_1N_8$
298.089772	$C_{11}H_{17}O_7N_1$
298.126120	$C_{12}H_{21}O_6N_1$
298.162586	$C_{13}H_{25}O_5N_1$
298.214121	$C_{18}H_{29}O_1N_1$
299.079165	$C_{17}H_{12}O_2N_2$
299.150406	$C_{16}H_{18}O_2N_4$
299.157976	$C_{12}H_{24}O_5N_2$
299.219282	$C_{13}H_{26}O_2N_6$
301.136995	$C_{11}H_{22}O_6N_2$
302.081415	$C_{19}H_{11}O_3N_1$
303.156685	$C_{14}H_{18}O_2N_6$
303.177760	$C_{11}H_{22}O_4N_6$
303.275460	$C_{15}H_{34}O_2N_4$
304.151836	$C_{13}H_{17}O_2N_7$
305.099540	$C_{12}H_{12}O_4N_6$
305.168224	$C_9H_{20}O_4N_8$
305.172335	$C_{14}H_{20}O_2N_6$
306.076004	$C_{18}H_{11}O_4N_1$
306.167744	$C_{15}H_{25}O_4N_1$
306.204182	$C_{16}H_{29}O_3N_1$
306.240340	$C_{17}H_{33}O_2N_1$
307.115214	$C_{12}H_{14}O_4N_6$
307.183922	$C_9H_{22}O_4N_8$
307.187988	$C_{14}H_{22}O_2N_6$
307.256508	$C_{11}H_{30}O_2N_8$
308.146896	$C_{14}H_{23}O_5N_1$
308.183312	$C_{15}H_{27}O_4N_1$
308.219815	$C_{16}H_{31}O_3N_1$
309.157348	$C_{17}H_{22}O_2N_2$
310.162478	$C_{14}H_{25}O_5N_1$
310.171155	$C_9H_{21}O_2N_9$
310.235425	$C_{16}H_{33}O_3N_1$
310.310463	$C_{20}H_{39}O_1N_1$
311.157732	$C_{13}H_{24}O_5N_2$
311.219270	$C_{14}H_{26}O_2N_6$
312.326108	$C_{20}H_{41}O_1N_1$
313.173410	$C_{13}H_{26}O_5N_2$
314.196146	$C_{16}H_{27}O_5N_1$
314.232583	$C_{17}H_{31}O_4N_1$

315.131571	$C_{15}H_{20}O_4N_2$
315.138763	$C_9H_{20}O_5N_6$
315.152699	$C_{12}H_{24}O_6N_2$
316.123604	$C_{10}H_{21}O_{10}N_1$
316.139099	$C_{14}H_{21}O_7N_1$
316.224708	$C_{18}H_{31}O_2N_1$
317.168189	$C_{12}H_{26}O_6N_2$
317.172330	$C_{15}H_{20}O_2N_6$
317.193467	$C_{12}H_{24}O_4N_6$
317.208750	$C_{16}H_{24}O_1N_6$
318.164831	$C_{12}H_{21}O_2N_7$
318.191124	$C_{15}H_{27}O_6N_1$
318.235887	$C_{11}H_{27}O_2N_9$
318.240357	$C_{18}H_{33}O_2N_1$
319.136343	$C_{10}H_{18}O_6N_6$
319.151602	$C_{14}H_{18}O_3N_6$
319.172727	$C_{11}H_{22}O_5N_6$
320.146876	$C_{15}H_{23}O_5N_1$
320.183360	$C_{16}H_{27}O_4N_1$
320.219687	$C_{17}H_{31}O_3N_1$
320.251549	$C_{11}H_{29}O_2N_9$
320.256021	$C_{18}H_{35}O_2N_1$
321.130891	$C_{13}H_{16}O_4N_6$
321.151990	$C_{10}H_{20}O_6N_6$
321.167253	$C_{14}H_{20}O_3N_6$
321.188315	$C_{11}H_{24}O_5N_6$
322.162544	$C_{15}H_{25}O_5N_1$
322.199054	$C_{16}H_{29}O_4N_1$
322.237607	$C_{19}H_{31}O_3N_1$
322.271717	$C_{18}H_{37}O_2N_1$
323.159926	$C_{16}H_{22}O_5N_2$
324.128974	$C_{12}H_{21}O_9N_1$
324.141887	$C_{14}H_{23}O_6N_1$
324.178242	$C_{15}H_{27}O_5N_1$
324.207047	$C_{20}H_{25}O_1N_3$
324.210374	$C_9H_{25}O_4N_9$
324.214362	$C_{16}H_{31}O_4N_1$
325.149640	$C_{13}H_{18}O_1N_8$
325.271349	$C_{16}H_{32}O_1N_6$
325.321345	$C_{20}H_{40}O_1N_2$
326.157556	$C_{14}H_{25}O_6N_1$
326.165674	$C_9H_{21}O_3N_9$
326.232565	$C_{18}H_{31}O_4N_1$
328.173084	$C_{14}H_{27}O_6N_1$
328.211838	$C_{17}H_{29}O_5N_1$
328.248271	$C_{18}H_{33}O_4N_1$
328.284630	$C_{19}H_{37}O_3N_1$
329.229806	$C_{14}H_{28}O_3N_6$

330.204015	$C_{18}H_{29}O_3N_1$
330.227513	$C_{17}H_{31}O_5N_1$
330.300307	$C_{19}H_{39}O_3N_1$
331.151625	$C_{15}H_{18}O_3N_6$
332.134025	$C_{14}H_{21}O_8N_1$
332.219695	$C_{18}H_{31}O_3N_1$
333.084440	$C_{17}H_{14}O_4N_2$
333.162992	$C_{12}H_{26}O_7N_2$
333.167270	$C_{15}H_{20}O_3N_6$
334.162536	$C_{16}H_{25}O_5N_1$
334.199022	$C_{17}H_{29}O_4N_1$
334.214358	$C_{21}H_{29}O_1N_1$
334.230702	$C_{11}H_{27}O_3N_9$
334.235330	$C_{18}H_{33}O_3N_1$
335.167676	$C_{11}H_{22}O_6N_6$
336.128765	$C_{13}H_{21}O_9N_1$
336.228011	$C_{18}H_{29}O_3N_3$
336.253123	$C_{20}H_{33}O_3N_1$
337.069680	$C_{18}H_{10}O_2N_4$
338.074562	$C_{15}H_{13}O_5N_3$
338.143409	$C_{12}H_{21}O_5N_5$
338.157661	$C_{15}H_{25}O_6N_1$
338.196068	$C_{18}H_{27}O_5N_1$
338.266642	$C_{18}H_{37}O_3N_1$
340.173022	$C_{13}H_{21}O_4N_7$
340.188202	$C_{19}H_{27}O_3N_1$
340.248287	$C_{19}H_{33}O_4N_1$
340.284599	$C_{20}H_{37}O_3N_1$
341.144583	$C_{13}H_{18}O_2N_8$
341.266270	$C_{16}H_{32}O_2N_6$
342.227472	$C_{18}H_{31}O_5N_1$
342.263968	$C_{19}H_{35}O_4N_1$
342.300327	$C_{20}H_{39}O_3N_1$
343.113628	$C_{14}H_{18}O_8N_2$
343.331898	$C_{20}H_{42}O_2N_2$
344.206798	$C_{17}H_{29}O_6N_1$
344.243177	$C_{18}H_{33}O_5N_1$
344.315972	$C_{20}H_{41}O_3N_1$
345.032914	$C_{13}H_{10}O_8N_2$
345.125176	$C_9H_{20}O_{10}N_4$
346.157174	$C_9H_{23}O_9N_5$
346.162507	$C_{17}H_{25}O_5N_1$
346.180196	$C_{23}H_{23}O_2N_1$
346.199003	$C_{18}H_{29}O_4N_1$
346.258757	$C_{18}H_{35}O_5N_1$
347.100188	$C_{18}H_{16}O_4N_2$
347.192401	$C_{14}H_{26}O_6N_4$
347.230523	$C_{18}H_{32}O_3N_2$

348.103536	$C_{12}H_{17}O_9N_3$
348.129110	$C_{14}H_{21}O_9N_1$
348.250939	$C_{19}H_{35}O_3N_1$
349.110452	$C_{10}H_{16}O_8N_6$
349.183301	$C_{12}H_{24}O_6N_6$
349.218057	$C_{12}H_{26}O_1N_{10}$
350.144613	$C_{14}H_{23}O_9N_1$
350.209189	$C_{21}H_{29}O_2N_1$
350.238836	$C_{13}H_{29}O_1N_9$
350.241324	$C_{15}H_{27}O_1N_9$
350.263978	$C_{15}H_{33}O_1N_7$
350.269012	$C_{21}H_{35}O_3N_1$
350.273680	$C_{11}H_{31}O_2N_{11}$
350.981917	$C_9H_4O_{10}N_4$
351.077389	$C_9H_{12}O_6N_8$
352.090175	$C_{16}H_{15}O_5N_3$
352.173098	$C_{16}H_{27}O_6N_1$
352.223030	$C_{18}H_{29}O_4N_3$
352.245903	$C_{18}H_{35}O_4N_1$
353.025330	$C_{13}H_8O_{10}N_2$
353.144692	$C_{14}H_{18}O_2N_8$
353.157145	$C_{14}H_{20}O_5N_6$
353.352704	$C_{22}H_{44}O_1N_2$
354.148831	$C_{24}H_{19}O_2N_1$
354.152153	$C_{15}H_{25}O_7N_1$
354.188894	$C_{16}H_{29}O_6N_1$
354.227578	$C_{19}H_{31}O_5N_1$
354.264029	$C_{20}H_{35}O_4N_1$
354.300383	$C_{21}H_{39}O_3N_1$
354.336667	$C_{22}H_{43}O_2N_1$
355.306743	$C_{19}H_{38}O_2N_4$
356.069542	$C_9H_9O_7N_9$
356.091736	$C_{22}H_{13}O_4N_1$
356.152657	$C_9H_{21}O_8N_7$
356.243249	$C_{19}H_{33}O_5N_1$
357.236150	$C_{16}H_{34}O_5N_2$
357.261159	$C_{16}H_{32}O_3N_6$
358.199040	$C_{19}H_{29}O_4N_1$
358.222478	$C_{18}H_{31}O_6N_1$
358.258853	$C_{19}H_{35}O_5N_1$
358.295325	$C_{20}H_{39}O_4N_1$
358.308214	$C_{22}H_{41}O_1N_1$
359.194254	$C_{18}H_{28}O_4N_2$
359.232633	$C_{21}H_{30}O_3N_2$
360.214849	$C_{19}H_{31}O_4N_1$
360.323769	$C_{22}H_{43}O_1N_1$
361.149699	$C_{16}H_{18}O_1N_8$
362.157580	$C_{17}H_{25}O_6N_1$

362.191255	C ₁₄ H ₂₅ O ₃ N ₇
362.193551	C ₁₈ H ₂₉ O ₅ N ₁
362.211552	C ₂₄ H ₂₇ O ₂ N ₁
362.241092	C ₁₆ H ₂₇ O ₁ N ₉
363.225496	C ₁₈ H ₃₂ O ₄ N ₂
364.209500	C ₁₆ H ₂₅ O ₃ N ₇
364.218112	C ₁₃ H ₂₇ O ₂ N ₉
364.248310	C ₂₁ H ₃₃ O ₄ N ₁
364.284706	C ₂₂ H ₃₇ O ₃ N ₁
365.142910	C ₁₄ H ₂₂ O ₆ N ₄
365.241100	C ₁₈ H ₃₄ O ₄ N ₂
365.263652	C ₁₆ H ₃₄ O ₂ N ₆
365.277534	C ₁₉ H ₃₈ O ₃ N ₂
366.197012	C ₁₂ H ₂₅ O ₃ N ₉
366.225128	C ₁₆ H ₂₇ O ₃ N ₇
366.264037	C ₂₁ H ₃₅ O ₄ N ₁
366.268618	C ₁₁ H ₃₁ O ₃ N ₁₁
367.101094	C ₁₆ H ₁₆ O ₅ N ₄
367.143507	C ₁₀ H ₂₄ O ₉ N ₄
367.332147	C ₂₂ H ₄₂ O ₂ N ₂
368.204049	C ₁₇ H ₃₁ O ₆ N ₁
368.240737	C ₁₆ H ₂₉ O ₃ N ₇
368.279601	C ₂₁ H ₃₇ O ₄ N ₁
368.316121	C ₂₂ H ₄₁ O ₃ N ₁
369.104273	C ₁₄ H ₁₆ O ₈ N ₄
369.113704	C ₁₂ H ₂₀ O ₁₁ N ₂
369.297599	C ₁₈ H ₃₆ O ₂ N ₆
369.347804	C ₂₂ H ₄₄ O ₂ N ₂
370.141370	C ₂₂ H ₂₁ O ₃ N ₁
370.222774	C ₁₉ H ₃₁ O ₆ N ₁
370.258898	C ₂₀ H ₃₅ O ₅ N ₁
370.295149	C ₂₁ H ₃₉ O ₄ N ₁
371.092846	C ₂₄ H ₁₀ O ₁ N ₄
371.096119	C ₁₅ H ₁₆ O ₆ N ₄
371.196312	C ₂₁ H ₂₆ O ₄ N ₂
371.227651	C ₁₆ H ₂₈ O ₁ N ₈
371.326803	C ₂₁ H ₄₂ O ₃ N ₂
371.363307	C ₂₂ H ₄₆ O ₂ N ₂
372.201860	C ₁₈ H ₂₉ O ₇ N ₁
372.214318	C ₂₀ H ₃₁ O ₄ N ₁
372.238157	C ₁₉ H ₃₃ O ₆ N ₁
372.274478	C ₂₀ H ₃₇ O ₅ N ₁
373.115327	C ₁₈ H ₁₂ O ₂ N ₈
374.211603	C ₂₅ H ₂₇ O ₂ N ₁
374.230200	C ₂₀ H ₃₃ O ₄ N ₁
374.303077	C ₂₂ H ₄₁ O ₂ N ₁
375.208981	C ₁₂ H ₂₄ O ₁ N ₁₂
375.235355	C ₁₅ H ₃₀ O ₅ N ₆

375.259277	C ₁₆ H ₃₂ O ₁ N ₈
376.209358	C ₁₇ H ₂₅ O ₃ N ₇
376.217967	C ₁₄ H ₂₇ O ₂ N ₉
376.245616	C ₁₈ H ₂₉ O ₂ N ₇
376.254438	C ₁₅ H ₃₁ O ₁ N ₉
376.284791	C ₂₃ H ₃₇ O ₃ N ₁
377.181004	C ₁₇ H ₂₂ O ₁ N ₈
377.219749	C ₂₂ H ₃₀ O ₂ N ₂
378.184538	C ₁₃ H ₂₉ O ₈ N ₃
378.188789	C ₁₈ H ₂₉ O ₆ N ₁
378.225051	C ₁₇ H ₂₇ O ₃ N ₇
378.235931	C ₁₆ H ₂₇ O ₂ N ₉
378.261196	C ₂₀ H ₃₇ O ₄ N ₁
378.264070	C ₂₂ H ₃₅ O ₄ N ₁
379.220559	C ₁₈ H ₃₂ O ₅ N ₂
379.256825	C ₁₉ H ₃₆ O ₄ N ₂
380.127773	C ₂₅ H ₁₇ O ₃ N ₁
380.240704	C ₁₇ H ₂₉ O ₃ N ₇
380.277162	C ₁₈ H ₃₃ O ₂ N ₇
381.100387	C ₁₀ H ₁₆ O ₁₀ N ₆
381.164640	C ₁₇ H ₂₂ O ₃ N ₆
381.236097	C ₁₈ H ₃₄ O ₅ N ₂
381.333944	C ₂₀ H ₄₀ O ₁ N ₆
382.220018	C ₁₈ H ₃₃ O ₆ N ₁
382.258971	C ₂₁ H ₃₅ O ₅ N ₁
383.144167	C ₁₆ H ₂₀ O ₄ N ₆
383.262346	C ₁₅ H ₃₀ O ₂ N ₁₀
383.276864	C ₁₈ H ₃₄ O ₃ N ₆
383.313165	C ₁₉ H ₃₈ O ₂ N ₆
383.399640	C ₂₄ H ₅₀ O ₁ N ₂
384.197599	C ₁₄ H ₂₉ O ₉ N ₃
384.253394	C ₂₄ H ₃₃ O ₃ N ₁
384.274612	C ₂₁ H ₃₇ O ₅ N ₁
384.310958	C ₂₂ H ₄₁ O ₄ N ₁
385.146943	C ₁₄ H ₂₀ O ₇ N ₆
385.196546	C ₁₈ H ₂₈ O ₇ N ₂
385.226255	C ₁₀ H ₂₈ O ₆ N ₁₀
385.292514	C ₁₈ H ₃₆ O ₃ N ₆
385.342495	C ₂₂ H ₄₄ O ₃ N ₂
386.232932	C ₂₃ H ₃₁ O ₄ N ₁
386.253901	C ₂₀ H ₃₅ O ₆ N ₁
387.087295	C ₁₀ H ₁₆ O ₉ N ₆
387.198972	C ₁₅ H ₂₆ O ₆ N ₆
387.264147	C ₂₃ H ₃₄ O ₃ N ₂
388.079022	C ₂₀ H ₁₅ O ₆ N ₁
388.209365	C ₂₀ H ₃₁ O ₅ N ₁
388.226750	C ₂₆ H ₂₉ O ₂ N ₁
388.232955	C ₁₉ H ₃₃ O ₇ N ₁

389.251082	$C_{16}H_{32}O_5N_6$
389.274928	$C_{17}H_{34}O_1N_8$
390.183111	$C_{26}H_{25}O_1N_1$
390.194380	$C_{10}H_{27}O_9N_7$
390.233400	$C_{15}H_{29}O_2N_9$
390.260926	$C_{19}H_{31}O_2N_7$
390.297851	$C_{20}H_{35}O_1N_7$
391.126188	$C_{20}H_{20}O_5N_2$
391.290578	$C_{17}H_{36}O_1N_8$
392.212732	$C_{14}H_{27}O_3N_9$
392.240636	$C_{18}H_{29}O_3N_7$
393.194994	$C_{11}H_{24}O_6N_{10}$
393.209575	$C_{14}H_{28}O_7N_6$
393.308757	$C_{19}H_{36}O_1N_8$
394.212948	$C_{10}H_{29}O_6N_9$
394.256260	$C_{18}H_{31}O_3N_7$
394.329149	$C_{22}H_{45}O_3N_1$
395.062313	$C_{18}H_{10}O_7N_4$
395.214612	$C_{16}H_{26}O_4N_8$
396.123038	$C_{25}H_{17}O_4N_1$
396.141716	$C_{20}H_{23}O_6N_1$
396.989890	$C_{12}H_4O_{12}N_4$
397.041724	$C_{17}H_8O_8N_4$
397.153790	$C_{11}H_{26}O_{10}N_4$
397.230637	$C_{18}H_{34}O_6N_2$
397.389957	$C_{23}H_{48}O_1N_4$
398.207489	$C_{22}H_{27}O_4N_3$
398.214938	$C_{18}H_{33}O_7N_1$
398.230440	$C_{22}H_{33}O_4N_1$
398.253945	$C_{21}H_{35}O_6N_1$
398.290061	$C_{22}H_{39}O_5N_1$
399.202642	$C_{21}H_{26}O_4N_4$
399.308119	$C_{19}H_{38}O_3N_6$
400.167395	$C_{12}H_{25}O_{10}N_5$
400.269663	$C_{21}H_{37}O_6N_1$
400.311815	$C_{15}H_{39}O_2N_9$
400.378586	$C_{24}H_{49}O_3N_1$
401.166849	$C_{16}H_{24}O_8N_4$
401.221274	$C_{10}H_{28}O_7N_{10}$
401.257557	$C_{11}H_{32}O_6N_{10}$
402.243469	$C_{14}H_{33}O_5N_7$
403.290752	$C_{18}H_{36}O_1N_8$
404.198749	$C_{27}H_{27}O_1N_1$
406.237813	$C_{26}H_{31}O_3N_1$
406.292188	$C_{20}H_{35}O_2N_7$
406.316423	$C_{21}H_{43}O_6N_1$
406.331726	$C_{25}H_{43}O_3N_1$
407.138845	$C_{26}H_{18}O_3N_2$

407.141003	$C_{14}H_{22}O_{10}N_4$
407.363375	$C_{25}H_{46}O_2N_2$
408.123184	$C_{26}H_{17}O_4N_1$
408.207344	$C_{27}H_{25}O_1N_3$
408.272005	$C_{21}H_{39}O_5N_1$
409.114337	$C_{20}H_{16}O_6N_4$
409.165430	$C_{11}H_{26}O_9N_6$
409.166270	$C_{25}H_{20}O_2N_4$
409.207351	$C_{18}H_{26}O_2N_8$
410.102268	$C_{25}H_{15}O_5N_1$
410.290274	$C_{23}H_{39}O_5N_1$
411.093800	$C_{19}H_{14}O_7N_4$
411.169470	$C_{12}H_{28}O_{10}N_4$
411.186520	$C_{17}H_{24}O_3N_8$
411.430988	$C_{26}H_{54}O_1N_2$
412.245778	$C_{23}H_{35}O_4N_1$
413.214650	$C_{17}H_{28}O_6N_6$
413.248977	$C_{17}H_{36}O_9N_2$
413.249391	$C_{17}H_{30}O_1N_{10}$
413.272961	$C_{16}H_{32}O_3N_{10}$
413.323814	$C_{20}H_{40}O_3N_6$
414.225026	$C_{22}H_{33}O_5N_1$
414.285045	$C_{22}H_{39}O_6N_1$
414.321419	$C_{23}H_{43}O_5N_1$
414.327615	$C_{16}H_{41}O_2N_9$
415.182473	$C_{17}H_{26}O_8N_4$
415.273224	$C_{12}H_{34}O_6N_{10}$
415.303095	$C_{19}H_{38}O_4N_6$
416.240491	$C_{22}H_{35}O_5N_1$
416.277004	$C_{23}H_{39}O_4N_1$
417.119499	$C_{22}H_{16}O_5N_4$
417.306187	$C_{19}H_{38}O_1N_8$
418.214413	$C_{28}H_{29}O_1N_1$
419.233162	$C_{26}H_{30}O_3N_2$
420.280596	$C_{17}H_{35}O_2N_9$
421.232626	$C_{21}H_{30}O_2N_6$
421.328890	$C_{22}H_{40}O_2N_6$
422.287303	$C_{22}H_{41}O_5N_1$
422.326603	$C_{25}H_{43}O_4N_1$
423.219768	$C_{15}H_{30}O_8N_6$
425.245387	$C_{13}H_{30}O_3N_{12}$
425.359925	$C_{22}H_{44}O_2N_6$
426.217995	$C_{27}H_{27}O_2N_3$
426.218436	$C_{14}H_{29}O_5N_9$
426.261356	$C_{24}H_{37}O_4N_1$
426.285398	$C_{23}H_{39}O_6N_1$
427.339424	$C_{21}H_{42}O_3N_6$
428.128151	$C_{29}H_{17}O_3N_1$

428.230441	$C_{25}H_{31}O_2N_3$
428.240563	$C_{23}H_{35}O_5N_1$
428.248957	$C_{18}H_{37}O_{10}N_1$
428.373617	$C_{25}H_{49}O_4N_1$
429.198335	$C_{18}H_{28}O_8N_4$
429.318679	$C_{20}H_{40}O_4N_6$
430.243640	$C_{21}H_{35}O_3N_1$
430.256374	$C_{23}H_{37}O_5N_1$
430.279990	$C_{22}H_{39}O_7N_1$
430.322558	$C_{16}H_{41}O_3N_9$
431.169156	$C_{22}H_{24}O_4N_4$
434.268819	$C_{28}H_{35}O_3N_1$
435.235470	$C_{20}H_{30}O_5N_6$
435.300871	$C_{28}H_{38}O_2N_2$
435.344566	$C_{23}H_{42}O_2N_6$
436.217728	$C_{19}H_{33}O_{10}N_1$
436.238845	$C_{16}H_{31}O_4N_9$
436.303089	$C_{21}H_{37}O_3N_7$
436.342378	$C_{26}H_{45}O_4N_1$
437.126559	$C_{13}H_{20}O_{11}N_6$
437.186394	$C_{28}H_{24}O_3N_2$
437.193533	$C_{22}H_{24}O_4N_6$
437.235828	$C_{16}H_{32}O_8N_6$
437.250911	$C_{20}H_{32}O_5N_6$
438.196912	$C_{18}H_{31}O_{11}N_1$
438.239161	$C_{25}H_{31}O_4N_3$
440.149419	$C_{27}H_{21}O_5N_1$
440.150021	$C_{14}H_{23}O_3N_7$
444.404933	$C_{26}H_{53}O_4N_1$
445.131569	$C_{15}H_{20}O_{10}N_6$
446.119763	$C_{20}H_{19}O_9N_3$
447.122436	$C_{15}H_{24}O_{12}N_2$
447.227249	$C_{11}H_{30}O_9N_{10}$
452.233914	$C_{16}H_{31}O_5N_9$
453.165808	$C_{24}H_{24}O_7N_2$
453.325231	$C_{16}H_{40}O_5N_{10}$
454.329098	$C_{27}H_{45}O_3N_1$
455.335274	$C_{25}H_{44}O_2N_4$
463.131208	$C_{16}H_{16}O_4N_{12}$
463.267281	$C_{23}H_{30}O_1N_{10}$
463.277372	$C_{21}H_{34}O_4N_8$
463.375874	$C_{25}H_{46}O_2N_6$
464.306972	$C_{19}H_{39}O_3N_9$
465.377504	$C_{24}H_{50}O_3N_4$
468.101752	$C_{34}H_{13}O_2N_1$
469.081884	$C_{29}H_{12}O_5N_2$
469.293445	$C_{28}H_{38}O_1N_4$
475.236992	$C_{16}H_{30}O_7N_{10}$

476.270567	C ₁₉ H ₃₅ O ₄ N ₉	
476.307179	C ₂₀ H ₃₉ O ₃ N ₉	
479.226233	C ₂₄ H ₃₂ O ₅ N ₄	
481.154657	C ₃₂ H ₂₀ O ₃ N ₂	
481.211105	C ₁₄ H ₂₈ O ₉ N ₁₀	
481.262977	C ₂₁ H ₃₈ O ₇ N ₄	
482.265675	C ₁₄ H ₃₇ O ₈ N ₉	
485.113018	C ₃₀ H ₁₆ O ₅ N ₂	
485.251800	C ₂₅ H ₂₈ O ₁ N ₁₀	
485.292176	C ₁₇ H ₃₈ O ₅ N ₁₀	
486.112607	C ₃₄ H ₁₅ O ₃ N ₁	
487.304030	C ₂₈ H ₄₀ O ₂ N ₄	
487.361307	C ₂₄ H ₄₂ O ₁ N ₁₀	
489.283347	C ₂₇ H ₃₈ O ₃ N ₄	
489.304571	C ₂₄ H ₄₂ O ₅ N ₄	
493.241532	C ₂₃ H ₂₈ O ₃ N ₁₀	
493.314536	C ₂₇ H ₄₂ O ₃ N ₄	
493.350916	C ₂₈ H ₄₆ O ₂ N ₄	
CHONS+	<i>m/z</i>⁺	Elemental Formula
	130.032114	C ₅ H ₇ O ₁ N ₁ S ₁
	149.998304	C ₅ H ₅ O ₁ N ₁ S ₁
	152.016475	C ₇ H ₅ O ₁ N ₁ S ₁
	158.027017	C ₆ H ₇ O ₂ N ₁ S ₁
	159.981092	C ₃ H ₁ O ₃ N ₃ S ₁
	163.977666	C ₅ H ₃ O ₂ N ₁ S ₁
	163.994753	C ₃ H ₅ O ₁ N ₃ S ₂
	168.026059	C ₃ H ₉ O ₁ N ₃ S ₂
	175.089964	C ₇ H ₁₄ O ₁ N ₂ S ₁
	175.994769	C ₄ H ₅ O ₁ N ₃ S ₂
	176.973021	C ₅ H ₂ O ₂ N ₂ S ₁
	178.010391	C ₄ H ₇ O ₁ N ₃ S ₂
	178.035487	C ₆ H ₁₁ O ₁ N ₁ S ₂
	178.089627	C ₇ H ₁₅ O ₂ N ₁ S ₁
	179.978202	C ₄ H ₅ O ₃ N ₁ S ₂
	192.022714	C ₈ H ₅ O ₁ N ₃ S ₁
	202.050880	C ₆ H ₁₃ O ₃ N ₁ S ₁
	205.957764	C ₅ H ₃ O ₄ N ₁ S ₂
	206.038354	C ₉ H ₇ O ₁ N ₃ S ₁
	210.984335	C ₄ H ₆ O ₄ N ₂ S ₂
	214.089613	C ₁₀ H ₁₅ O ₂ N ₁ S ₁
	214.968996	C ₅ H ₂ O ₂ N ₄ S ₂
	214.988696	C ₈ H ₄ O ₂ N ₂ S ₁
	215.989514	C ₆ H ₅ O ₂ N ₃ S ₂
	219.986048	C ₈ H ₇ O ₁ N ₁ S ₂
	222.019665	C ₈ H ₉ O ₃ N ₁ S ₁
	228.068838	C ₁₀ H ₁₃ O ₃ N ₁ S ₁
CHONP+	<i>m/z</i>⁺	Elemental Formula

232.963815	C ₇ H ₄ O ₂ N ₂ P ₂	
280.948704	C ₇ H ₄ O ₅ N ₂ P ₂	
293.969038	C ₉ H ₇ O ₅ N ₁ P ₂	
294.964504	C ₈ H ₆ O ₅ N ₂ P ₂	
300.075143	C ₈ H ₁₇ O ₂ N ₅ P ₂	
300.161519	C ₁₃ H ₂₉ O ₁ N ₁ P ₂	
314.954389	C ₇ H ₆ O ₇ N ₂ P ₂	
338.990039	C ₈ H ₄ O ₄ N ₈ P ₂	
348.990151	C ₁₅ H ₈ O ₃ N ₂ P ₂	
349.156842	C ₁₆ H ₂₈ O ₁ N ₂ P ₂	
390.196084	C ₁₈ H ₃₃ O ₄ N ₁ P ₂	
429.240726	C ₁₇ H ₃₄ O ₁ N ₈ P ₂	
487.109918	C ₁₃ H ₂₄ O ₁₀ N ₆ P ₂	
CHN+	<i>m/z</i> ⁺	Elemental Formula
	70.065113	C ₄ H ₇ N ₁
	72.080752	C ₄ H ₉ N ₁
	86.096396	C ₅ H ₁₁ N ₁
	94.065118	C ₆ H ₇ N ₁
	125.107335	C ₇ H ₁₂ N ₂
	131.129149	C ₅ H ₁₄ N ₄
	136.112082	C ₉ H ₁₃ N ₁
	139.122960	C ₈ H ₁₄ N ₂
	140.143380	C ₉ H ₁₇ N ₁
	142.159026	C ₉ H ₁₉ N ₁
	150.077420	C ₆ H ₇ N ₅
	150.127740	C ₁₀ H ₁₅ N ₁
	155.154287	C ₉ H ₁₈ N ₂
	158.096433	C ₁₁ H ₁₁ N ₁
	159.160431	C ₇ H ₁₈ N ₄
	166.159041	C ₁₁ H ₁₉ N ₁
	170.096425	C ₁₂ H ₁₁ N ₁
	170.165174	C ₉ H ₁₉ N ₃
	174.127731	C ₁₂ H ₁₅ N ₁
	182.190333	C ₁₂ H ₂₃ N ₁
	184.180832	C ₁₀ H ₂₁ N ₃
	185.057204	C ₈ H ₄ N ₆
	196.205983	C ₁₃ H ₂₅ N ₁
	199.072854	C ₉ H ₆ N ₆
	201.113316	C ₁₁ H ₁₂ N ₄
	210.127715	C ₁₅ H ₁₅ N ₁
	212.143360	C ₁₅ H ₁₇ N ₁
	224.237249	C ₁₅ H ₂₉ N ₁
	226.159009	C ₁₆ H ₁₉ N ₁
	227.104110	C ₁₁ H ₁₀ N ₆
	246.127815	C ₁₈ H ₁₅ N ₁
	252.174668	C ₁₈ H ₂₁ N ₁
	282.221642	C ₂₀ H ₂₇ N ₁

307.260742	C ₁₆ H ₃₀ N ₆
309.156959	C ₁₅ H ₁₆ N ₈
311.223052	C ₁₉ H ₂₆ N ₄
315.160604	C ₂₀ H ₁₈ N ₄
337.307750	C ₁₈ H ₃₆ N ₆
356.255419	C ₁₉ H ₂₉ N ₇
360.362542	C ₂₅ H ₄₅ N ₁
363.323423	C ₂₀ H ₃₈ N ₆
377.176326	C ₂₅ H ₂₀ N ₄
391.354697	C ₂₂ H ₄₂ N ₆
393.370295	C ₂₂ H ₄₄ N ₆
394.346902	C ₂₈ H ₄₃ N ₁
408.311915	C ₂₅ H ₃₇ N ₅
420.280111	C ₁₅ H ₂₉ N ₁₅
450.359195	C ₂₈ H ₄₃ N ₅
457.350696	C ₂₃ H ₄₀ N ₁₀
464.374317	C ₂₉ H ₄₅ N ₅

CHONSP+	<i>m/z</i> ⁺	Elemental Formula
	269.953851	C ₉ H ₅ O ₃ N ₁ S ₁ P ₂
	272.947167	C ₈ H ₆ O ₁ N ₂ S ₂ P ₂
	288.947425	C ₈ H ₄ O ₁ N ₄ S ₁ P ₂
	305.915066	C ₉ H ₃ O ₄ N ₁ S ₁ P ₂
	307.917789	C ₇ H ₃ O ₇ N ₁ S ₁ P ₂
	312.974892	C ₁₄ H ₆ O ₁ N ₂ S ₁ P ₂
	315.916524	C ₈ H ₃ O ₃ N ₃ S ₂ P ₂
	325.887022	C ₈ H ₃ O ₄ N ₁ S ₂ P ₂
	327.902813	C ₈ H ₅ O ₄ N ₁ S ₂ P ₂
	327.939420	C ₉ H ₉ O ₃ N ₁ S ₂ P ₂
	328.897967	C ₇ H ₄ O ₄ N ₂ S ₂ P ₂
	335.912794	C ₈ H ₃ O ₈ N ₁ S ₁ P ₂
	336.952966	C ₁₁ H ₆ O ₁ N ₄ S ₂ P ₂
	340.942395	C ₁₁ H ₄ O ₂ N ₄ S ₁ P ₂
	348.914242	C ₉ H ₄ O ₂ N ₄ S ₂ P ₂
	352.913472	C ₁₃ H ₄ O ₁ N ₂ S ₂ P ₂
	356.903926	C ₇ H ₄ O ₄ N ₄ S ₂ P ₂
	356.919569	C ₁₁ H ₄ O ₁ N ₄ S ₂ P ₂
	366.912182	C ₇ H ₄ O ₆ N ₄ S ₂ P ₂
	366.924800	C ₉ H ₆ O ₃ N ₄ S ₂ P ₂
	368.919465	C ₁₂ H ₄ O ₁ N ₄ S ₂ P ₂
	369.887850	C ₈ H ₃ O ₅ N ₃ S ₂ P ₂
	383.904109	C ₉ H ₅ O ₅ N ₃ S ₂ P ₂
	398.890604	C ₈ H ₄ O ₉ N ₂ S ₂ P ₂
	398.902101	C ₇ H ₄ O ₈ N ₄ S ₂ P ₂
	410.916809	C ₁₂ H ₄ O ₅ N ₄ S ₂ P ₂
	419.892438	C ₁₃ H ₅ O ₆ N ₁ S ₂ P ₂