
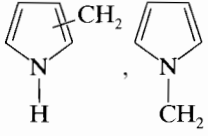
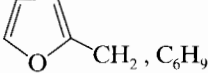


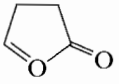
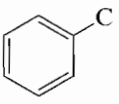
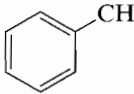



APPENDIX B COMMON FRAGMENT IONS

All fragments listed bear +1 charges. To be used in conjunction with Appendix C. Not all members of homologous and isomeric series are given. The list is meant to be suggestive rather than exhaustive.

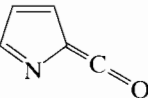
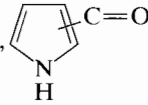
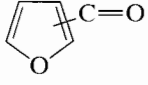
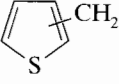
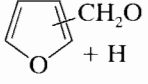
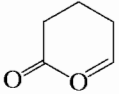
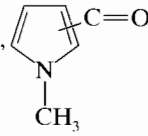
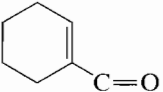
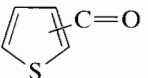
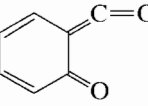
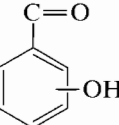
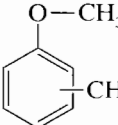
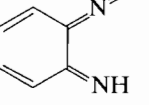
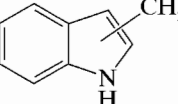
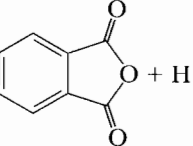
Appendix II of Hamming and Foster (1972), Table A-7 of McLafferty's (1993) interpretative book, and the high-resolution ion data of McLafferty (1982) are recommended as supplements.

m/z Ions^a

- 14 CH₂
 15 CH₃
 16 O
 17 OH
 18 H₂O, NH₄
 19 F, H₃O
 26 C≡N, C₂H₂
 27 C₂H₃
 28 C₂H₄, CO, N₂ (air), CH=NH
 29 C₂H₅, CHO
 30 CH₂NH₂, NO
 31 CH₂OH, OCH₃
 32 O₂ (air)
 33 SH, CH₂F
 34 H₂S
 35 ³⁵Cl^b
 36 H³⁵Cl^b
 39 C₃H₃
 40 CH₂C=N, Ar (air)
 41 C₃H₅, CH₂C=N + H, C₂H₂NH
 42 C₃H₆, C₂H₂O
 43 C₃H₇, CH₃C=O, C₂H₅N
 44 CH₂C(=O)H + H, CH₃CHNH₂, CO₂ (air), NH₂C=O, (CH₃)₂N
 45 CH₃CH(OH), CH₂CH₂OH, CH₂OCH₃, C(=O)OH
 46 NO₂
 47 CH₂SH, CH₃S
 48 CH₃S + H
 49 CH₂³⁵Cl^b
 51 CH₂F₂, C₄H₃
 53 C₄H₅
 54 CH₂CH₂C≡N
 55 C₄H₇, CH₂=CHC=O
 56 C₄H₈
 57 C₄H₉, C₂H₅C=O
 58 CH₃C(=O)CH₂ + H, C₂H₅CHNH₂, (CH₃)₂NCH₂, C₂H₅NHCH₂, C₂H₅S
 59 (CH₃)₂COH, CH₂OC₂H₅, CO₂CH₃, NH₂C(=O)CH₂ + H, CH₃OCHCH₃, CH₃CHCH₂OH, C₂H₅CHOH
 60 CH₂CO₂H + H, CH₂ONO
 61 CH₃CO₂ + 2H, CH₂CH₂SH, CH₂SCH₃
 65 C₅H₅
 66 H₂S₂, ≡C₅H₆
 67 C₅H₇
 68 CH₂CH₂CH₂C≡N
 69 C₅H₉, CF₃, CH₃CH=CHC=O, CH₂=C(CH₃)C=O
 70 C₅H₁₀
 71 C₅H₁₁, C₃H₇C=O
 72 C₂H₅C(=O)CH₂ + H, C₃H₇CHNH₂, (CH₃)₂N=C=O, C₂H₅NHCHCH₃ and isomers
 73 Homologs of 59, (CH₃)₃Si
 74 CH₂CO₂CH₃ + H
 75 CO₂C₂H₅ + 2H, C₂H₅CO₂ + 2H, CH₂SC₂H₅, (CH₃)₂CSH, (CH₃O)₂CH, (CH₃)₂SiOH
 76 C₆H₄ (C₆H₄XY)
 77 C₆H₅ (C₆H₅X)
 78 C₆H₅ + H
 79 C₆H₅ + 2H, ⁷⁹Br^b
 80 CH₃SS + H, H⁷⁹ Br^b,

 81 , C₆H₉
 82 (CH₂)₄C≡N, C₆H₁₀, C³⁵Cl₂^b
 83 C₆H₁₁, CH³⁵Cl₂^b, 
 85 , , C₆H₁₃, C₄H₉C=O, Cl³⁵ClF₂^b
 86 C₃H₇C(=O)CH₂ + H, C₄H₉CHNH₂ and isomers
 87 C₃H₇CO₂, Homologs of 73, CH₂CH₂CO₂CH₃
 88 CH₂CO₂C₂H₅ + H
 89 CO₂C₃H₇ + 2H, 
 90 , CH₃CHONO₂
 91 (C₆H₅)CH₂, (C₆H₅)CH + H, (C₆H₅)C + 2H, (CH₂)₄³⁵Cl^b, (C₆H₅)N
 92 , (C₆H₅)CH₂ + H

APPENDIX B (Continued)

m/z Ions^a

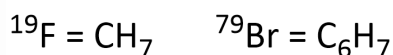
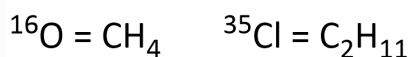
- 93 $\text{CH}_2^{79}\text{Br}^b$, C_7H_9 , $(\text{C}_6\text{H}_5)\text{O}$, 
- 94 $(\text{C}_6\text{H}_5)\text{O} + \text{H}$, 
- 95 
- 96 $(\text{CH}_2)_5\text{C}\equiv\text{N}$
- 97 C_7H_{13} , 
- 98  + H
- 99 C_7H_{15} , $\text{C}_6\text{H}_{11}\text{O}$, 
- 100 $\text{C}_4\text{H}_9\text{C}(=\text{O})\text{CH}_2 + \text{H}$, $\text{C}_5\text{H}_{11}\text{CHNH}_2$
- 101 $\text{CO}_2\text{C}_4\text{H}_9$
- 102 $\text{CH}_2\text{CO}_2\text{C}_2\text{H}_7 + \text{H}$
- 103 $\text{CO}_2\text{C}_4\text{H}_9 + 2\text{H}$, $\text{C}_5\text{H}_{11}\text{S}$, $\text{CH}(\text{OCH}_2\text{CH}_3)_2$
- 104 $\text{C}_2\text{H}_5\text{CHONO}_2$
- 105 $\text{C}_6\text{H}_5\text{C}=\text{O}$, $\text{C}_6\text{H}_5\text{CH}_2\text{CH}_2$, $\text{C}_6\text{H}_5\text{CHCH}_3$
- 106 $\text{C}_6\text{H}_5\text{NHCH}_2$
- 107 $\text{C}_6\text{H}_5\text{CH}_2\text{O}$, $\text{HO}(\text{C}_6\text{H}_4)\text{CH}_2$, $\text{C}_2\text{H}_4^{79}\text{Br}^b$
- 108 $\text{C}_6\text{H}_5\text{CH}_2\text{O} + \text{H}$, 
- 109 
- 111 
- 119 CF_3CF_2 , $(\text{C}_6\text{H}_5)\text{C}(\text{CH}_3)_2$, $\text{CH}_3\text{CH}(\text{C}_6\text{H}_4)\text{CH}_3$, $\text{CO}(\text{C}_6\text{H}_4)\text{CH}_3$
- 120 
- 121 C_9H_{13} , , , 
- 122 $\text{C}_6\text{H}_5\text{CO}_2 + \text{H}$
- 123 $\text{F}(\text{C}_6\text{H}_4)\text{C}=\text{O}$, $\text{C}_6\text{H}_5\text{CO}_2 + 2\text{H}$
- 125 $\text{C}_6\text{H}_5\text{SO}$
- 127 I
- 128 HI
- 130 
- 131 C_3F_5 , $\text{C}_6\text{H}_5\text{CH}=\text{CHC}=\text{O}$
- 135 $(\text{CH}_2)_4^{79}\text{Br}^b$
- 138 $\text{CO}_2(\text{C}_6\text{H}_4)\text{OH} + \text{H}$
- 139 $^{35}\text{Cl}(\text{C}_6\text{H}_4)\text{C}=\text{O}^b$
- 141 CH_2I
- 147 $(\text{CH}_3)_2\text{Si}=\text{O}-\text{Si}(\text{CH}_3)_3$
- 149  + H
- 154 $(\text{C}_6\text{H}_5)_2$

$$\text{IHD} = (2\text{C} + 2 - \text{H} - \text{X} + \text{N})/2$$

^a Ions indicated as a fragment + $n\text{H}$ ($n = 1, 2, 3, \dots$) are ions that arise via rearrangement involving hydrogen transfer.

^b Only the more abundant isotope is indicated.

Common mass equivalents





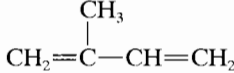
APPENDIX C COMMON FRAGMENTS LOST

This list is suggestive rather than comprehensive. It should be used in conjunction with Appendix B. Table 5-19 of Hamming and Foster (1972) and Table A-5 of McLafferty (1993) are

recommended as supplements. All of these fragments are lost as neutral species.

Molecular Ion Minus	Fragment Lost (Inference Structure)
1	H·
2	2H·
15	CH ₃ ·
16	O (ArNO ₂ , amine oxides, sulfoxides); ·NH ₂ (carboxamides, sulfonamides)
17	HO·
18	H ₂ O (alcohols, aldehydes, ketones)
19	F·
20	HF
26	CH≡CH, ·CH≡N
27	CH ₂ =CH·, HC≡N (aromatic nitrites, nitrogen heterocycles)
28	CH ₂ =CH ₂ , CO, (quinones) (HCN + H)
29	CH ₃ CH ₂ ·, (ethyl ketones, ArCH ₂ CH ₂ CH ₃), ·CHO
30	NH ₂ CH ₂ ·, CH ₂ O (ArOCH ₃), NO (ArNO ₂), C ₂ H ₆
31	·OCH ₃ (methyl esters), ·CH ₂ OH, CH ₃ NH ₂
32	CH ₃ OH, S
33	HS· (thiols), (·CH ₃ and H ₂ O)
34	H ₂ S (thiols)
35	Cl·
36	HCl, 2H ₂ O
37	H ₂ Cl (or HCl + H)
38	C ₃ H ₂ , C ₂ N, F ₂
39	C ₃ H ₃ , HC ₂ N
40	CH ₃ C≡CH
41	CH ₂ =CHCH ₂ ·
42	CH ₂ =CHCH ₃ , CH ₂ =C=O, H ₂ C ^{H₂} —CH ₂ , NCO, NCNH ₂
43	C ₃ H ₇ · (propyl ketones, ArCH ₂ —C ₃ H ₇), CH ₃ C ^O · (methyl ketones, CH ₃ C ^O G, where G = various functional groups), CH ₂ =CH—O·, (CH ₃ · and CH ₂ =CH ₂), HCNO
44	CH ₂ =CHOH, CO ₂ (esters, anhydrides), N ₂ O, CONH ₂ , NHCH ₂ CH ₃
45	CH ₃ CHOH, CH ₃ CH ₂ O· (ethyl esters), CO ₂ H, CH ₃ CH ₂ NH ₂
46	(H ₂ O and CH ₂ =CH ₂), CH ₃ CH ₂ OH, ·NO ₂ (ArNO ₂)
47	CH ₃ S·
48	CH ₃ SH, SO (sulfoxides), O ₃
49	·CH ₂ Cl
51	·CHF ₂
52	C ₄ H ₄ , C ₂ N ₂
53	C ₄ H ₅
54	CH ₂ =CH—CH=CH ₂
55	CH ₂ =CHCHCH ₃

APPENDIX C (Continued)

Molecular Ion Minus	Fragment Lost (Inference Structure)
56	$\text{CH}_2=\text{CHCH}_2\text{CH}_3$, $\text{CH}_3\text{CH}=\text{CHCH}_3$, 2CO
57	$\text{C}_4\text{H}_9\cdot$ (butyl ketones), $\text{C}_2\text{H}_5\text{CO}$ (ethyl ketones, $\text{EtC}=\text{OG}$, G = various structural units)
58	$\cdot\text{NCS}$, ($\text{NO} + \text{CO}$), CH_3COCH_3 , C_4H_{10}
59	$\text{CH}_3\text{OC}\cdot$, CH_3CNH_2 , 
60	$\text{C}_3\text{H}_7\text{OH}$, $\text{CH}_2=\text{C}(\text{OH})_2$ (acetate esters) ^a
61	$\text{CH}_3\text{CH}_2\text{S}\cdot$, 
62	(H_2S and $\text{CH}_2=\text{CH}_2$)
63	$\cdot\text{CH}_2\text{CH}_2\text{Cl}$
64	C_5H_4 , S_2 , SO_2
68	
69	$\text{CF}_3\cdot$, $\text{C}_5\text{H}_9\cdot$
71	$\text{C}_5\text{H}_{11}\cdot$
73	$\text{CH}_3\text{CH}_2\text{OC}\cdot$
74	$\text{C}_4\text{H}_9\text{OH}$
75	C_6H_3
76	C_6H_4 , CS_2
77	C_6H_5 , CS_2H
78	C_6H_6 , CS_2H_2 , $\text{C}_5\text{H}_4\text{N}$
79	$\text{Br}\cdot$, $\text{C}_5\text{H}_5\text{N}$
80	HBr
85	$\cdot\text{CClF}_2$
100	$\text{CF}_2=\text{CF}_2$
119	$\text{CF}_3-\text{CF}_2\cdot$
122	$\text{C}_6\text{H}_5\text{COOH}$
127	$\text{I}\cdot$
128	HI

^a McLafferty rearrangement.

Common GC-MS Contaminants

Ions (m/z)	Compound	Possible source
18, 28, 32, 44 or 14, 16	H ₂ O, N ₂ , O ₂ , CO ₂ or N, O	Residual air and water, air leaks, out gassing from Vespel ferrules
31, 51, 69, 100, 119, 131, 169, 181, 214, 219, 264, 376, 414, 426, 464, 502, 576, 614	PFTBA and related ions	PFTBA (tuning compound)
31	Methanol	Cleaning solvent
43, 58	Acetone	Cleaning solvent
78	Benzene	Cleaning solvent
91, 92	Toluene or xylene	Cleaning solvent
105, 106	Xylene	Cleaning solvent
151, 153	Trichloroethane	Cleaning solvent
69	Fore line pump oil or PFTBA	Fore line pump oil vapor or calibration valve leak
73, 147, 207, 221, 281, 295, 355, 429	Dimethylpolysiloxane	Septum bleed or methyl silicone column bleed
77, 94, 115, 141, 168, 170, 262, 354, 446	Diffusion pump fluid and related ions	Diffusion pump fluid
149	Plasticizer (phthalates)	Vacuum seals (O-rings) damaged by high temperatures, vinyl gloves
Peaks spaced 14 amu apart	Hydrocarbons	Fingerprints, fore line pump oil

To convert any high-resolution mass into a molecular formula, visit the calculator at massformula.maresh.info.

APPENDIX A FORMULA MASSES (FM) FOR VARIOUS COMBINATIONS OF CARBON, HYDROGEN, NITROGEN, AND OXYGEN^a

FM	FM	FM	FM
12	H ₄ N ₂	32.0375	C ₂ H ₆ O
C	12.0000	CH ₄ O	32.0262
13	33		47
CH	13.0078	HO ₂	32.9976
14	H ₃ NO	33.0215	HNO ₂
N	14.0031	34	47.0007
CH ₂	14.0157	H ₂ O ₂	34.0054
15	38		48
HN	15.0109	C ₃ H ₂	38.0157
CH ₃	15.0235	39	47.0371
16	C ₂ HN	39.0109	49
O	15.9949	C ₃ H ₃	39.0235
H ₂ N	16.0187	40	47.9847
CH ₄	16.0313	C ₂ H ₂ N	40.0187
17	C ₃ H ₄	40.0313	52
HO	17.0027	41	52.0313
H ₃ N	17.0266	CHN ₂	40.0187
18	C ₂ H ₃ N	41.0266	53
H ₂ O	18.0106	C ₃ H ₅	40.0313
24	42		54
C ₂	24.0000	N ₃	41.0391
26	CNO	41.9980	C ₂ H ₂ N ₂
CN	26.0031	CH ₂ N ₂	54.0218
C ₂ H ₂	26.0157	C ₂ H ₂ O	54.0106
27	C ₂ H ₄ N	42.0344	C ₃ H ₂ O
CHN	27.0109	C ₃ H ₄ N	54.0344
C ₂ H ₃	27.0235	C ₃ H ₆	54.0470
28	43		55
N ₂	28.0062	HN ₃	43.0170
CO	27.9949	CHNO	43.0058
CH ₂ N	28.0187	CH ₃ N ₂	43.0297
C ₂ H ₄	28.0313	C ₂ H ₃ O	43.0184
29	C ₂ H ₅ N	43.0422	C ₂ H ₄ N ₂
HN ₂	29.0140	C ₃ H ₇	43.0548
CHO	29.0027	44	C ₃ H ₄ O
CH ₃ N	29.0266	N ₂ O	44.0011
C ₂ H ₅	29.0391	CO ₂	43.9898
30	CH ₂ NO	44.0136	C ₂ H ₃ NO
NO	29.9980	CH ₄ N ₂	44.0375
H ₂ N ₂	30.0218	C ₂ H ₄ O	44.0262
CH ₂ O	30.0106	C ₂ H ₆ N	44.0501
CH ₄ N	30.0344	C ₃ H ₈	44.0626
C ₂ H ₆	30.0470	45	58
31	CH ₃ NO	45.0215	CH ₂ N ₂ O
HNO	31.0058	CH ₅ N ₂	58.0167
H ₃ N ₂	31.0297	C ₂ H ₅ O	58.0406
CH ₃ O	31.0184	C ₂ H ₅ N	58.0054
CH ₅ N	31.0422	C ₂ H ₄ NO	58.0293
32	CH ₂ O ₂	46.0054	C ₂ H ₆ N ₂
O ₂	31.9898	CH ₄ NO	46.0293
H ₂ NO	32.0136	CH ₆ N ₂	46.0532
			59
			CHNO ₂
			59.0007
			CH ₃ N ₂ O
			59.0246
			CH ₅ N ₃
			59.0484
			C ₂ H ₃ O ₂
			59.0133
			C ₂ H ₅ NO
			59.0371
			C ₂ H ₇ N ₂
			59.0610
			C ₃ H ₇ O
			59.0497
			C ₃ H ₉ N
			59.0736
			60
			CH ₂ NO ₂
			60.0085
			CH ₄ N ₂ O
			60.0324
			CH ₆ N ₃
			60.0563
			C ₂ H ₄ O ₂
			60.0211
			C ₂ H ₆ NO
			60.0450
			C ₂ H ₈ N ₂
			60.0688
			C ₃ H ₈ O
			60.0575
			C ₅
			60.0000
			61
			CH ₃ NO ₂
			61.0164
			CH ₅ N ₂ O
			61.0402
			CH ₇ N ₃
			61.0641
			C ₂ H ₅ O ₂
			61.0289
			C ₂ H ₇ NO
			61.0528
			62
			CH ₂ O ₃
			62.0003
			CH ₄ NO ₂
			62.0242
			CH ₆ N ₂ O
			62.0480
			C ₂ H ₆ O ₂
			62.0368
			63
			HNO ₃
			62.9956
			CH ₇ NO ₂
			63.0320
			64
			C ₅ H ₄
			64.0313
			65
			C ₄ H ₃ N
			65.0266
			C ₅ H ₅
			65.0391
			66
			C ₄ H ₄ N
			66.0344
			C ₅ H ₆
			66.0470
			67
			C ₃ H ₃ N ₂
			67.0297
			C ₄ H ₇ O
			67.0184
			C ₄ H ₅ N
			67.0422
			C ₅ H ₇
			67.0548
			68
			C ₃ H ₄ N ₂
			68.0375
			C ₄ H ₄ O
			68.0262
			C ₄ H ₆ N
			68.0501
			C ₅ H ₈
			68.0626
			69
			C ₃ H ₃ NO
			69.0215
			C ₃ H ₅ N ₂
			69.0453

^aWith permission from J.H. Beynon, *Mass Spectrometry and its Application to Organic Chemistry*, Amsterdam, 1960. The columns headed FM contain the *formula masses* based on the exact mass of the most abundant isotope of each element; these masses are based on the most abundant isotope of carbon having a mass of 12.0000. Note that the table includes only C, H, N, and O.

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₄ H ₅ O	69.0340	C ₂ H ₆ NO ₂	76.0399	C ₄ H ₉ N ₂	85.0767	C ₃ H ₈ NO ₂	90.0555
C ₄ H ₇ N	69.0579	C ₂ H ₈ N ₂ O	76.0637	C ₂ H ₉ O	85.0653	C ₃ H ₁₀ N ₂ O	90.0794
C ₅ H ₉	69.0705	C ₃ H ₈ O ₂	76.0524	C ₅ H ₁₁ N	85.0892	C ₄ H ₁₀ O ₂	90.0681
70		C ₅ H ₂ N	76.0187	C ₆ H ₁₃	85.1018	C ₇ H ₆	90.0470
C ₂ H ₄ N ₃	70.0406	C ₆ H ₄	76.0313	86		91	
C ₃ H ₂ O ₂	70.0054	77		C ₂ H ₂ N ₂ O ₂	86.0116	C ₂ H ₃ O ₄	91.0031
C ₃ H ₄ NO	70.0293	CH ₃ NO ₃	77.0113	C ₂ H ₄ N ₃ O	86.0355	C ₂ H ₅ NO ₃	91.0269
C ₃ H ₆ N ₂	70.0532	C ₂ H ₅ O ₃	77.0238	C ₂ H ₆ N ₄	86.0594	C ₂ H ₇ N ₂ O ₂	91.0508
C ₄ H ₆ O	70.0419	C ₂ H ₇ NO ₂	77.0477	C ₃ H ₄ NO ₂	86.0242	C ₂ H ₉ N ₃ O	91.0746
C ₄ H ₈ N	70.0657	C ₆ H ₅	77.0391	C ₃ H ₆ N ₂ O	86.0480	C ₃ H ₇ O ₃	91.0395
C ₅ H ₁₀	70.0783	78		C ₃ H ₈ N ₃	86.0719	C ₇ H ₉ NO ₂	91.0634
71		C ₂ H ₆ O ₃	78.0317	C ₄ H ₆ O ₂	86.0368	C ₆ H ₅ N	91.0422
C ₂ H ₃ N ₂ O	71.0246	C ₅ H ₄ N	78.0344	C ₄ H ₈ NO	86.0606	C ₇ H ₇	91.0548
C ₂ H ₅ N ₃	71.0484	C ₆ H ₆	78.0470	C ₄ H ₁₀ N ₂	86.0845	92	
C ₃ H ₃ O ₂	71.0133	79		C ₅ H ₁₀ O	86.0732	C ₂ H ₄ O ₄	92.0109
C ₃ H ₅ NO	71.0371	C ₅ H ₃ N	79.0422	C ₃ H ₁₂ N	86.0970	C ₂ H ₆ NO ₃	92.0348
C ₃ H ₇ N ₂	71.0610	C ₆ H ₇	79.0548	C ₆ H ₁₄	86.1096	C ₂ H ₈ N ₂ O ₂	92.0586
C ₄ H ₇ O	71.0497	80		87		C ₃ H ₈ O ₃	92.0473
C ₄ H ₉ N	71.0736	C ₃ H ₅ N ₃	80.0249	C ₂ H ₇ N ₄	87.0672	C ₆ H ₄ O	92.0262
C ₅ H ₁₁	71.0861	C ₄ H ₄ N ₂	80.0375	C ₃ H ₃ O ₃	87.0082	C ₆ H ₆ N	92.0501
72		C ₅ H ₄ O	80.0262	C ₃ H ₅ NO ₂	87.0320	C ₇ H ₈	92.0626
C ₂ H ₂ NO ₂	72.0085	C ₅ H ₆ N	80.0501	C ₃ H ₇ N ₂ O	87.0559	93	
C ₂ H ₄ N ₂ O	72.0324	C ₆ H ₈	80.0626	C ₃ H ₉ N ₃	87.0798	C ₂ H ₅ O ₄	93.0187
C ₂ H ₆ N ₃	72.0563	81		C ₄ H ₇ O ₂	87.0446	C ₂ H ₇ NO ₃	92.0426
C ₃ H ₅ O ₂	72.0211	C ₃ H ₃ N ₃	81.0328	C ₄ H ₉ NO	87.0684	C ₅ H ₅ N ₂	93.0453
C ₃ H ₆ NO	72.0449	C ₄ H ₅ N ₂	81.0453	C ₄ H ₁₁ N ₂	87.0923	C ₆ H ₅ O	93.0340
C ₃ H ₈ N ₂	72.0688	C ₅ H ₅ O	81.0340	C ₃ H ₁₁ O	87.0810	C ₆ H ₇ N	93.0579
C ₄ H ₈ O	72.0575	C ₅ H ₇ N	81.0579	C ₃ H ₁₃ N	87.1049	C ₇ H ₉	93.0705
C ₄ H ₁₀ N	72.0814	C ₆ H ₉	81.0705	88		94	
C ₅ H ₁₂	72.0939	82		C ₂ H ₄ N ₂ O ₂	88.0273	C ₂ H ₆ O ₄	94.0266
73		C ₃ H ₄ N ₃	82.0406	C ₂ H ₆ N ₃ O	88.0511	C ₄ H ₄ N ₃	94.0406
C ₂ H ₃ NO ₂	73.0164	C ₄ H ₄ NO	82.0293	C ₂ H ₈ N ₄	88.0750	C ₃ H ₄ NO	94.0293
C ₂ H ₅ N ₂ O	73.0402	C ₄ H ₆ N ₂	82.0532	C ₃ H ₄ O ₃	88.0160	C ₃ H ₆ N ₂	94.0532
C ₂ H ₇ N ₃	73.0641	C ₅ H ₆ O	82.0419	C ₃ H ₆ NO ₂	88.0399	C ₆ H ₆ O	94.0419
C ₃ H ₅ O ₂	73.0289	C ₅ H ₈ N	82.0657	C ₃ H ₈ N ₂ O	88.0637	C ₆ H ₈ N	94.0657
C ₃ H ₇ NO	73.0528	C ₆ H ₁₀	82.0783	C ₃ H ₁₀ N ₃	88.0876	C ₇ H ₁₀	94.0783
C ₃ H ₉ N ₂	73.0767	83		C ₄ H ₈ O ₂	88.0524	95	
C ₄ H ₆ O	73.0653	C ₃ H ₅ N ₃	83.0484	C ₄ H ₁₀ NO	88.0763	C ₄ H ₅ N ₃	95.0484
C ₄ H ₁₁ N	73.0892	C ₄ H ₃ O ₂	83.0133	C ₄ H ₁₂ N ₂	88.1001	C ₅ H ₅ NO	95.0371
74		C ₄ H ₅ NO	83.0371	C ₅ H ₁₂ O	88.0888	C ₃ H ₇ N ₂	95.0610
C ₂ H ₂ O ₃	74.0003	C ₄ H ₇ N ₂	83.0610	89		C ₆ H ₇ O	95.0497
C ₂ H ₄ NO ₂	74.0242	C ₅ H ₇ O	83.0497	C ₂ H ₅ N ₂ O ₂	89.0351	C ₆ H ₆ N	95.0736
C ₂ H ₆ N ₂ O	74.0480	C ₅ H ₉ N	83.0736	C ₂ H ₇ N ₃ O	89.0590	C ₇ H ₁₁	95.0861
C ₂ H ₈ N ₃	74.0719	C ₆ H ₁₁	83.0861	C ₂ H ₉ N ₄	89.0829	96	
C ₃ H ₆ O ₂	74.0368	84		C ₃ H ₅ O ₃	89.0238	C ₄ H ₆ N ₃	96.0563
C ₃ H ₈ NO	74.0606	C ₃ H ₆ N ₃	84.0563	C ₃ H ₇ NO ₂	89.0477	C ₃ H ₄ O ₂	96.0211
C ₃ H ₁₀ N ₂	74.0845	C ₄ H ₄ O ₂	84.0211	C ₃ H ₆ N ₂ O	89.0715	C ₅ H ₆ NO	96.0449
C ₄ H ₁₀ O	74.0732	C ₄ H ₆ NO	84.0449	C ₃ H ₁₁ N ₃	89.0954	C ₅ H ₅ N ₂	96.0688
75		C ₄ H ₈ N ₂	84.0688	C ₄ H ₆ O ₂	89.0603	C ₆ H ₈ O	96.0575
C ₂ H ₃ O ₃	75.0082	C ₅ H ₈ O	84.0575	C ₄ H ₁₁ NO	89.0841	C ₆ H ₁₀ N	96.0814
C ₂ H ₅ NO ₂	75.0320	C ₅ H ₁₀ N	84.0814	C ₇ H ₅	89.0391	C ₇ H ₁₂	96.0939
C ₂ H ₇ N ₂ O	75.0559	C ₆ H ₁₂	84.0939	90		97	
C ₂ H ₉ N ₃	75.0798	85		C ₂ H ₄ NO ₃	90.0191	C ₃ H ₅ N ₄	97.0515
C ₃ H ₇ O ₂	75.0446	C ₃ H ₅ N ₂ O	85.0402	C ₂ H ₆ N ₂ O ₂	90.0429	C ₄ H ₅ N ₂ O	97.0402
C ₃ H ₉ NO	75.0684	C ₃ H ₇ N ₃	85.0641	C ₂ H ₈ N ₃ O	90.0668	C ₄ H ₅ O ₂	97.0289
76		C ₄ H ₅ O ₂	85.0289	C ₂ H ₁₀ N ₄	90.0907	C ₅ H ₇ NO	97.0528
C ₂ H ₄ O ₃	76.0160	C ₄ H ₇ NO	85.0528	C ₃ H ₆ O ₃	90.0317	C ₅ H ₉ N ₂	97.0767

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₆ H ₉ O	97.0653	102		C ₄ H ₁₁ NO ₂	105.0790	C ₄ H ₆ N ₄	110.0594
C ₆ H ₁₁ N	97.0892	C ₂ H ₆ N ₄ O	102.0542	C ₆ H ₅ N ₂	105.0453	C ₅ H ₆ N ₂ O	110.0480
C ₇ H ₁₃	97.1018	C ₃ H ₄ NO ₃	102.0191	C ₇ H ₅ O	105.0340	C ₅ H ₈ N ₃	110.0719
98		C ₃ H ₆ N ₂ O ₂	102.0429	C ₇ H ₇ N	105.0579	C ₆ H ₆ O ₂	110.0368
C ₃ H ₄ N ₃ O	98.0355	C ₃ H ₈ N ₃ O	102.0668	C ₈ H ₉	105.0705	C ₆ H ₈ NO	110.0606
C ₃ H ₆ N ₄	98.0594	C ₃ H ₁₀ N ₄	102.0907	106		C ₆ H ₁₀ N ₂	110.0845
C ₄ H ₄ NO ₂	98.0242	C ₄ H ₆ O ₃	102.0317	C ₂ H ₄ NO ₄	106.0140	C ₇ H ₁₀ O	110.0732
C ₄ H ₆ N ₂ O	98.0480	C ₄ H ₈ NO ₂	102.0555	C ₂ H ₆ N ₂ O ₃	106.0379	C ₇ H ₁₂ N	110.0970
C ₄ H ₈ N ₃	98.0719	C ₄ H ₁₀ N ₂ O	102.0794	C ₂ H ₈ N ₃ O ₂	106.0617	C ₈ H ₁₄	110.1096
C ₅ H ₆ O ₂	98.0368	C ₄ H ₁₂ N ₃	102.1032	C ₂ H ₁₀ N ₄ O	106.0856	111	
C ₅ H ₈ NO	98.0606	C ₅ H ₁₀ O ₂	102.0681	C ₃ H ₆ O ₄	106.0266	C ₄ H ₅ N ₃ O	111.0433
C ₅ H ₁₀ N ₂	98.0845	C ₅ H ₁₂ NO	102.0919	C ₃ H ₈ NO ₃	106.0504	C ₄ H ₇ N ₄	111.0672
C ₆ H ₁₀ O	98.0732	C ₅ H ₁₄ N ₂	102.1158	C ₃ H ₁₀ N ₂ O ₂	106.0743	C ₅ H ₅ NO ₂	111.0320
C ₆ H ₁₂ N	98.0970	C ₆ H ₁₄ O	102.1045	C ₄ H ₁₀ O ₃	106.0630	C ₅ H ₇ N ₂ O	111.0559
C ₇ H ₁₄	98.1096	C ₈ H ₆	102.0470	C ₆ H ₄ NO	106.0293	C ₅ H ₉ N ₃	111.0789
99		103		C ₆ H ₆ N ₂	106.0532	C ₆ H ₇ O ₂	111.0446
C ₃ H ₅ N ₃ O	99.0433	C ₂ H ₅ N ₃ O ₂	103.0382	C ₇ H ₆ O	106.0419	C ₆ H ₉ NO	111.0684
C ₃ H ₇ N ₄	99.0672	C ₂ H ₇ N ₄ O	103.0621	C ₇ H ₈ N	106.0657	C ₆ H ₁₁ N ₂	111.0923
C ₄ H ₃ O ₃	99.0082	C ₃ H ₅ O ₄	103.0031	C ₈ H ₁₀	106.0783	C ₇ H ₁₁ O	111.0810
C ₄ H ₅ NO ₂	99.0320	C ₃ H ₅ NO ₃	103.0269	107		C ₇ H ₁₃ N	111.1049
C ₄ H ₇ N ₂ O	99.0559	C ₃ H ₇ N ₂ O ₂	103.0508	C ₂ H ₅ NO ₄	107.0218	C ₈ H ₁₅	111.1174
C ₄ H ₉ N ₃	99.0798	C ₃ H ₉ N ₃ O	103.0746	C ₂ H ₇ N ₂ O ₃	107.0457	112	
C ₅ H ₇ O ₂	99.0446	C ₃ H ₁₁ N ₄	103.0985	C ₂ H ₉ N ₃ O ₂	107.0695	C ₃ H ₄ N ₄ O	112.0386
C ₅ H ₉ NO	99.0685	C ₄ H ₇ O ₃	103.0395	C ₃ H ₇ O ₄	107.0344	C ₄ H ₄ N ₂ O ₂	112.0273
C ₅ H ₁₁ N ₂	99.0923	C ₄ H ₉ NO ₂	103.0634	C ₃ H ₉ NO ₃	107.0583	C ₄ H ₆ N ₃ O	112.0511
C ₆ H ₁₁ O	99.0810	C ₄ H ₁₁ N ₂ O	103.0872	C ₅ H ₅ N ₃	107.0484	C ₄ H ₈ N ₄	112.0750
C ₆ H ₁₃ N	99.1049	C ₄ H ₁₃ N ₃	103.1111	C ₆ H ₅ NO	107.0371	C ₅ H ₄ O ₃	112.0160
C ₇ H ₁₅	99.1174	C ₅ H ₁₁ O ₂	103.0759	C ₆ H ₇ N ₂	107.0610	C ₅ H ₆ NO ₂	112.0399
100		C ₅ H ₁₃ NO	103.0998	C ₇ H ₇ O	107.0497	C ₅ H ₈ N ₂ O	112.0637
C ₂ H ₄ N ₄ O	100.0386	C ₇ H ₅ N	103.0422	C ₇ H ₉ N	107.0736	C ₅ H ₁₀ N ₃	112.0876
C ₃ H ₄ N ₂ O ₂	100.0273	C ₈ H ₇	103.0548	C ₈ H ₁₁	107.0861	C ₆ H ₈ O ₂	112.0524
C ₃ H ₆ N ₃ O	100.0511	104		108		C ₆ H ₁₀ NO	112.0763
C ₃ H ₈ N ₄	100.0750	C ₂ H ₄ N ₂ O ₃	104.0222	C ₂ H ₆ NO ₄	108.0297	C ₆ H ₁₂ N ₂	112.1001
C ₄ H ₄ O ₃	100.0160	C ₂ H ₆ N ₃ O ₂	104.0460	C ₂ H ₈ N ₂ O ₃	108.0535	C ₇ H ₁₂ O	112.0888
C ₄ H ₆ NO ₂	100.0399	C ₂ H ₈ N ₄ O	104.0699	C ₃ H ₈ O ₄	108.0422	C ₇ H ₁₄ N	112.1127
C ₄ H ₈ N ₂ O	100.0637	C ₃ H ₄ O ₄	104.0109	C ₄ H ₄ N ₄	108.0437	C ₈ H ₁₆	112.1253
C ₄ H ₁₀ N ₃	100.0876	C ₃ H ₆ NO ₃	104.0348	C ₅ H ₄ N ₂ O	108.0324	113	
C ₅ H ₈ O ₂	100.0524	C ₃ H ₈ N ₂ O ₂	104.0586	C ₅ H ₆ N ₃	108.0563	C ₃ H ₅ N ₄ O	113.0464
C ₅ H ₁₀ NO	100.0763	C ₃ H ₁₀ N ₃ O	104.0825	C ₆ H ₄ O ₂	108.0211	C ₄ H ₅ N ₂ O ₂	113.0351
C ₅ H ₁₂ N ₂	100.1001	C ₃ H ₁₂ N ₄	104.1063	C ₆ H ₆ NO	108.0449	C ₄ H ₇ N ₃ O	113.0590
C ₆ H ₁₂ O	100.0888	C ₄ H ₈ O ₃	104.0473	C ₆ H ₈ N ₂	108.0688	C ₄ H ₉ N ₄	113.0829
C ₆ H ₁₄ N	100.1127	C ₄ H ₁₀ NO ₂	104.0712	C ₇ H ₈ O	108.0575	C ₅ H ₅ O ₃	113.0238
C ₇ H ₁₆	100.1253	C ₄ H ₁₂ N ₂ O	104.0950	C ₇ H ₁₀ N	108.0814	C ₅ H ₇ NO ₂	113.0477
101		C ₅ H ₁₂ O ₂	104.0837	C ₈ H ₁₂	108.0939	C ₅ H ₉ N ₂ O	113.0715
C ₃ H ₃ NO ₃	101.0113	C ₆ H ₄ N ₂	104.0375	109		C ₅ H ₁₁ N ₃	113.0954
C ₃ H ₅ N ₂ O ₂	101.0351	C ₇ H ₄ O	104.0262	C ₂ H ₇ NO ₄	109.0375	C ₆ H ₉ O ₂	113.0603
C ₃ H ₇ N ₃ O	101.0590	C ₇ H ₆ N	104.0501	C ₄ H ₅ N ₄	109.0515	C ₆ H ₁₁ NO	113.0841
C ₃ H ₉ N ₄	101.0829	C ₈ H ₈	104.0626	C ₅ H ₅ N ₂ O	109.0402	C ₆ H ₁₃ N ₂	113.1080
C ₄ H ₅ O ₃	101.0238	105		C ₅ H ₇ N ₃	109.0641	C ₇ H ₁₃ O	113.0967
C ₄ H ₇ NO ₂	101.0477	C ₂ H ₅ N ₂ O ₃	105.0300	C ₆ H ₅ O ₂	109.0289	C ₇ H ₁₅ N	113.1205
C ₄ H ₉ N ₂ O	101.0715	C ₂ H ₇ N ₃ O ₂	105.0539	C ₆ H ₇ NO	109.0528	C ₈ H ₁₇	113.1331
C ₄ H ₁₁ N ₃	101.0954	C ₂ H ₉ N ₄ O	105.0777	C ₆ H ₉ N ₂	109.0767	114	
C ₅ H ₅ O ₂	101.0603	C ₃ H ₅ O ₄	105.0187	C ₇ H ₉ O	109.0653	C ₃ H ₆ N ₄ O	114.0542
C ₅ H ₁₁ NO	101.0841	C ₃ H ₇ NO ₃	105.0426	C ₇ H ₁₁ N	109.0892	C ₄ H ₄ NO ₃	114.0191
C ₅ H ₁₃ N ₂	101.1080	C ₃ H ₉ N ₂ O ₂	105.0664	C ₈ H ₁₃	109.1018	C ₄ H ₆ N ₂ O ₂	114.0429
C ₆ H ₁₃ O	101.0967	C ₃ H ₁₁ N ₃ O	105.0903	110		C ₄ H ₈ N ₃ O	114.0668
C ₆ H ₁₅ N	101.1205	C ₄ H ₅ O ₃	105.0552	C ₄ H ₄ N ₃ O	110.0355	C ₄ H ₁₀ N ₄	114.0907

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₅ H ₆ O ₃	114.0317	C ₄ H ₉ N ₂ O ₂	117.0664	C ₄ H ₈ O ₄	120.0422	C ₇ H ₉ NO	123.0684
C ₅ H ₈ NO ₂	114.0555	C ₄ H ₁₁ N ₃ O	117.0903	C ₄ H ₁₀ NO ₃	120.0661	C ₇ H ₁₁ N ₂	123.0923
C ₅ H ₁₀ N ₂ O	114.0794	C ₄ H ₁₃ N ₄	117.1142	C ₄ H ₁₂ N ₂ O ₂	120.0899	C ₈ H ₁₁ O	123.0810
C ₅ H ₁₂ N ₃	114.1032	C ₅ H ₉ O ₃	117.0552	C ₅ H ₄ N ₄	120.0437	C ₈ H ₁₃ N	123.1049
C ₆ H ₁₀ O ₂	114.0681	C ₅ H ₁₁ NO ₂	117.0790	C ₅ H ₁₂ O ₃	120.0786	C ₉ H ₁₅	123.1174
C ₆ H ₁₂ NO	114.0919	C ₅ H ₁₃ N ₂ O	117.1029	C ₆ H ₄ N ₂ O	120.0324	124	
C ₆ H ₁₄ N ₂	114.1158	C ₆ H ₁₅ N ₃	117.1267	C ₆ H ₆ N ₃	120.0563	C ₂ H ₈ N ₂ O ₄	124.0484
C ₇ H ₁₄ O	114.1045	C ₆ H ₁₃ O ₂	117.0916	C ₇ H ₆ NO	120.0449	C ₄ H ₄ N ₄ O	124.0386
C ₇ H ₁₆ N	114.1284	C ₆ H ₁₅ NO	117.1154	C ₇ H ₈ N ₂	120.0688	C ₅ H ₄ N ₂ O ₂	124.0273
C ₈ H ₁₈	114.1409	C ₈ H ₇ N	117.0579	C ₈ H ₈ O	120.0575	C ₅ H ₆ N ₃ O	124.0511
C ₉ H ₆	114.0470	C ₉ H ₉	117.0705	C ₈ H ₁₀ N	120.0814	C ₅ H ₈ N ₄	124.0750
115		118		C ₉ H ₁₂	120.0939	C ₆ H ₄ O ₃	124.0160
C ₃ H ₅ N ₃ O ₂	115.0382	C ₂ H ₄ N ₃ O ₃	118.0253	121		C ₆ H ₆ NO ₂	124.0399
C ₃ H ₇ N ₄ O	115.0621	C ₂ H ₆ N ₄ O ₂	118.0491	C ₂ H ₆ N ₂ O ₄	121.0249	C ₆ H ₈ N ₂ O	124.0637
C ₄ H ₅ NO ₃	115.0269	C ₃ H ₄ NO ₄	118.0140	C ₂ H ₇ N ₃ O ₃	121.0488	C ₆ H ₁₀ N ₃	124.0876
C ₄ H ₇ N ₂ O ₂	115.0508	C ₃ H ₆ N ₂ O ₃	118.0379	C ₂ H ₉ N ₄ O ₂	121.0726	C ₇ H ₈ O ₂	124.0524
C ₄ H ₉ N ₃ O	115.0746	C ₃ H ₈ N ₃ O ₂	118.0617	C ₃ H ₇ NO ₄	121.0375	C ₇ H ₁₀ NO	124.0763
C ₄ H ₁₁ N ₄	115.0985	C ₃ H ₁₀ N ₄ O	118.0856	C ₃ H ₉ N ₂ O ₃	121.0614	C ₇ H ₁₂ N ₂	124.1001
C ₅ H ₇ O ₃	115.0395	C ₄ H ₆ O ₄	118.0266	C ₃ H ₁₁ N ₃ O ₂	121.0852	C ₈ N ₂	124.0062
C ₅ H ₉ NO ₂	115.0634	C ₄ H ₈ NO ₃	118.0504	C ₄ H ₅ O ₄	121.0501	C ₈ H ₁₂ O	124.0888
C ₅ H ₁₁ N ₂ O	115.0872	C ₄ H ₁₀ N ₂ O ₂	118.0743	C ₄ H ₁₁ NO ₃	121.0739	C ₈ H ₁₄ N	124.1127
C ₅ H ₁₃ N ₃	115.1111	C ₄ H ₁₂ N ₃ O	118.0981	C ₅ H ₅ N ₄	121.0515	C ₉ H ₁₆	124.1253
C ₆ H ₁₁ O ₂	115.0759	C ₄ H ₁₄ N ₄	118.1220	C ₆ H ₅ N ₂ O	121.0402	125	
C ₆ H ₁₃ NO	115.0998	C ₅ H ₁₀ O ₃	118.0630	C ₆ H ₇ N ₃	121.0641	C ₄ H ₃ N ₃ O ₂	125.0226
C ₆ H ₁₅ N ₂	115.1236	C ₅ H ₁₂ NO ₂	118.0868	C ₇ H ₅ O ₂	121.0289	C ₄ H ₅ N ₄ O	125.0464
C ₇ H ₁₅ O	115.1123	C ₅ H ₁₄ N ₂ O	118.1107	C ₇ H ₇ NO	121.0528	C ₅ H ₅ N ₂ O ₂	125.0351
C ₇ H ₁₇ N	115.1362	C ₆ H ₁₄ O ₂	118.0994	C ₇ H ₉ N ₂	121.0767	C ₅ H ₇ N ₃ O	125.0590
C ₉ H ₇	115.0548	C ₇ H ₆ N ₂	118.0532	C ₈ H ₉ O	121.0653	C ₅ H ₉ N ₄	125.0829
116		C ₈ H ₆ O	118.0419	C ₈ H ₁₁ N	121.0892	C ₆ H ₅ O ₃	125.0238
C ₂ H ₄ N ₄ O ₂	116.0335	C ₈ H ₈ N	118.0657	C ₉ H ₁₃	121.1018	C ₆ H ₇ NO ₂	125.0477
C ₃ H ₄ N ₂ O ₃	116.0222	C ₉ H ₁₀	118.0783	122		C ₆ H ₉ N ₂ O	125.0715
C ₃ H ₆ N ₃ O ₂	116.0460	119		C ₂ H ₆ N ₂ O ₄	122.0328	C ₆ H ₁₁ N ₃	125.0954
C ₃ H ₈ N ₄ O	116.0699	C ₂ H ₅ N ₃ O ₃	119.0331	C ₂ H ₈ N ₃ O ₃	122.0566	C ₇ H ₆ O ₂	125.0603
C ₄ H ₄ O ₄	116.0109	C ₂ H ₇ N ₄ O ₂	119.0570	C ₂ H ₁₀ N ₄ O ₂	122.0805	C ₇ H ₁₁ NO	125.0841
C ₄ H ₆ NO ₃	116.0348	C ₃ H ₅ NO ₄	119.0218	C ₃ H ₈ NO ₄	122.0453	C ₇ H ₁₃ N ₂	125.1080
C ₄ H ₈ N ₂ O ₂	116.0586	C ₃ H ₇ N ₂ O ₃	119.0457	C ₃ H ₁₀ N ₂ O ₃	122.0692	C ₈ H ₁₃ O	125.0967
C ₄ H ₁₀ N ₃ O	116.0825	C ₃ H ₉ N ₃ O ₂	119.0695	C ₄ H ₁₀ O ₄	122.0579	C ₈ H ₁₅ N	125.1205
C ₄ H ₁₂ N ₄	116.1063	C ₃ H ₁₁ N ₄ O	119.0934	C ₅ H ₆ N ₄	122.0594	C ₉ H ₁₇	125.1331
C ₅ H ₈ O ₃	116.0473	C ₄ H ₇ O ₄	119.0344	C ₆ H ₄ NO ₂	122.0242	126	
C ₅ H ₁₀ NO ₂	116.0712	C ₄ H ₉ NO ₃	119.0583	C ₆ H ₆ N ₂ O	122.0480	C ₃ H ₂ N ₄ O ₂	126.0178
C ₅ H ₁₂ N ₂ O	116.0950	C ₄ H ₁₁ N ₂ O ₂	119.0821	C ₆ H ₈ N ₃	122.0719	C ₄ H ₄ N ₃ O ₂	126.0304
C ₅ H ₁₄ N ₃	116.1189	C ₄ H ₁₃ N ₃ O	119.1060	C ₇ H ₆ O ₂	122.0368	C ₄ H ₆ N ₄ O	126.0542
C ₆ H ₁₂ O ₂	116.0837	C ₅ H ₁₁ O ₃	119.0708	C ₇ H ₈ NO	122.0606	C ₅ H ₄ NO ₃	126.0191
C ₆ H ₁₄ NO	116.1076	C ₅ H ₁₃ NO ₂	119.0947	C ₇ H ₁₀ N ₂	122.0845	C ₅ H ₆ N ₂ O ₂	126.0429
C ₆ H ₁₆ N ₂	116.1315	C ₆ H ₅ N ₃	119.0484	C ₈ H ₁₀ O	122.0732	C ₅ H ₈ N ₃ O	126.0668
C ₇ H ₄ N ₂	116.0375	C ₇ H ₅ NO	119.0371	C ₈ H ₁₂ N	122.0970	C ₅ H ₁₀ N ₄	126.0907
C ₇ H ₁₆ O	116.1202	C ₇ H ₇ N ₂	119.0610	C ₉ H ₁₄	122.1096	C ₆ H ₆ O ₃	126.0317
C ₈ H ₆ N	116.0501	C ₈ H ₇ O	119.0497	123		C ₆ H ₈ NO ₂	126.0555
C ₉ H ₈	116.0626	C ₈ H ₉ N	119.0736	C ₂ H ₇ N ₂ O ₄	123.0406	C ₆ H ₁₀ N ₂ O	126.0794
117		C ₉ H ₁₁	119.0861	C ₂ H ₉ N ₃ O ₃	123.0644	C ₆ H ₁₂ N ₃	126.1032
C ₂ H ₅ N ₄ O ₂	117.0413	120		C ₃ H ₉ NO ₄	123.0532	C ₇ H ₁₀ O ₂	126.0681
C ₃ H ₃ NO ₄	117.0062	C ₂ H ₆ N ₃ O ₃	120.0410	C ₅ H ₅ N ₃ O	123.0433	C ₇ H ₁₂ NO	126.0919
C ₃ H ₅ N ₂ O ₃	117.0300	C ₂ H ₈ N ₄ O ₂	120.0648	C ₅ H ₇ N ₄	123.0672	C ₇ H ₁₄ N ₂	126.1158
C ₃ H ₇ N ₃ O ₂	117.0539	C ₃ H ₆ NO ₄	120.0297	C ₆ H ₅ NO ₂	123.0320	C ₈ H ₁₄ O	126.1045
C ₃ H ₉ N ₄ O	117.0777	C ₃ H ₈ N ₂ O ₃	120.0535	C ₆ H ₇ N ₂ O	123.0559	C ₈ H ₁₆ N	126.1284
C ₄ H ₅ O ₄	117.0187	C ₃ H ₁₀ N ₃ O ₂	120.0774	C ₆ H ₉ N ₃	123.0798	C ₉ H ₁₈	126.1409
C ₄ H ₇ NO ₃	117.0426	C ₃ H ₁₂ N ₄ O	120.1012	C ₇ H ₇ O ₂	123.0446	127	

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₃ H ₃ N ₄ O ₂	127.0257	C ₈ H ₁₉ N	129.1519	C ₄ H ₁₀ N ₃ O ₂	132.0774	C ₈ H ₈ NO	134.0606
C ₄ H ₅ N ₃ O ₂	127.0382	C ₉ H ₇ N	129.0579	C ₄ H ₁₂ N ₄ O	132.1012	C ₈ H ₁₀ N ₂	134.0845
C ₄ H ₇ N ₄ O	127.0621	C ₁₀ H ₉	129.0705	C ₅ H ₈ O ₄	132.0422	C ₉ H ₁₀ O	134.0732
C ₅ H ₅ NO ₃	127.0269	130		C ₅ H ₁₀ NO ₃	132.0661	C ₉ H ₁₂ N	134.0970
C ₅ H ₇ N ₂ O ₂	127.0508	C ₃ H ₄ N ₃ O ₃	130.0253	C ₅ H ₁₂ N ₂ O ₂	132.0899	C ₁₀ H ₁₄	134.1096
C ₅ H ₉ N ₃ O	127.0746	C ₃ H ₆ N ₄ O ₂	130.0491	C ₅ H ₁₄ N ₃ O	132.1138	135	
C ₅ H ₁₁ N ₄	127.0985	C ₄ H ₄ NO ₄	130.0140	C ₅ H ₁₆ N ₄	132.1377	C ₃ H ₇ N ₂ O ₄	135.0406
C ₆ H ₇ O ₃	127.0395	C ₄ H ₆ N ₂ O ₃	130.0379	C ₆ H ₄ N ₄	132.0437	C ₃ H ₆ N ₃ O ₃	135.0644
C ₆ H ₉ NO ₂	127.0634	C ₄ H ₈ N ₃ O ₂	130.0617	C ₆ H ₁₂ O ₃	132.0786	C ₃ H ₁₁ N ₄ O ₂	135.0883
C ₆ H ₁₁ N ₂ O	127.0872	C ₄ H ₁₀ N ₄ O	130.0856	C ₆ H ₁₄ NO ₂	132.1025	C ₄ H ₉ NO ₄	135.0532
C ₆ H ₁₃ N ₃	127.1111	C ₅ H ₆ O ₄	130.0266	C ₆ H ₁₆ N ₂ O	132.1264	C ₄ H ₁₁ N ₂ O ₃	135.0770
C ₇ H ₁₁ O ₂	127.0759	C ₅ H ₈ NO ₃	130.0504	C ₇ H ₆ N ₃	132.0563	C ₄ H ₁₃ N ₃ O ₂	135.1009
C ₇ H ₁₃ NO	127.0998	C ₅ H ₁₀ N ₂ O ₂	130.0743	C ₇ H ₁₆ O ₂	132.1151	C ₅ H ₃ N ₄ O	135.0308
C ₇ H ₁₅ N ₂	127.1236	C ₅ H ₁₂ N ₃ O	130.0981	C ₈ H ₆ NO	132.0449	C ₅ H ₁₁ O ₄	135.0657
C ₈ H ₁₅ O	127.1123	C ₅ H ₁₄ N ₄	130.1220	C ₈ H ₈ N ₂	132.0688	C ₅ H ₁₃ NO ₃	135.0896
C ₈ H ₁₇ N	127.1362	C ₆ H ₁₀ O ₃	130.0630	C ₉ H ₈ O	132.0575	C ₆ H ₅ N ₃ O	135.0433
C ₉ H ₁₉	127.1488	C ₆ H ₁₂ NO ₂	130.0868	C ₉ H ₁₀ N	132.0814	C ₆ H ₇ N ₄	135.0672
128		C ₆ H ₁₄ N ₂ O	130.1107	C ₁₀ H ₁₂	132.0939	C ₇ H ₅ NO ₂	135.0320
C ₃ H ₄ N ₄ O ₂	128.0335	C ₆ H ₁₆ N ₃	130.1346	133		C ₇ H ₇ N ₂ O	135.0559
C ₄ H ₄ N ₂ O ₃	128.0222	C ₇ H ₄ N ₃	130.0406	C ₃ H ₅ N ₂ O ₄	133.0249	C ₇ H ₆ N ₃	135.0798
C ₄ H ₆ N ₃ O ₂	128.0460	C ₇ H ₁₄ O ₂	130.0994	C ₃ H ₇ N ₃ O ₃	133.0488	C ₈ H ₂ O ₂	135.0446
C ₄ H ₈ N ₄ O	128.0699	C ₇ H ₁₆ NO	130.1233	C ₃ H ₉ N ₄ O ₂	133.0726	C ₈ H ₉ NO	135.0684
C ₅ H ₄ O ₄	128.0109	C ₇ H ₁₈ N ₂	130.1471	C ₄ H ₇ NO ₄	133.0375	C ₈ H ₁₁ N ₂	135.0923
C ₅ H ₆ NO ₃	128.0348	C ₈ H ₆ N ₂	130.0532	C ₄ H ₉ N ₂ O ₃	133.0614	C ₉ H ₁₁ O	135.0810
C ₅ H ₈ N ₂ O ₂	128.0586	C ₈ H ₁₈ O	130.1358	C ₄ H ₁₁ N ₃ O ₂	133.0852	C ₉ H ₁₃ N	135.1049
C ₅ H ₁₀ N ₃ O	128.0825	C ₉ H ₈ N	130.0657	C ₄ H ₁₃ N ₄ O	133.1091	C ₁₀ H ₁₅	135.1174
C ₅ H ₁₂ N ₄	128.1063	C ₁₀ H ₁₀	130.0783	C ₅ H ₆ O ₄	133.0501	136	
C ₆ H ₈ O ₃	128.0473	131		C ₅ H ₁₁ NO ₃	133.0739	C ₃ H ₈ N ₂ O ₄	136.0484
C ₆ H ₁₀ NO ₂	128.0712	C ₃ H ₃ N ₂ O ₄	131.0093	C ₅ H ₁₃ N ₂ O ₂	133.0978	C ₃ H ₁₀ N ₃ O ₃	136.0723
C ₆ H ₁₂ N ₂ O	128.0950	C ₃ H ₅ N ₃ O ₃	131.0331	C ₅ H ₁₅ N ₃ O	133.1216	C ₃ H ₁₂ N ₄ O ₂	136.0961
C ₆ H ₁₄ N ₃	128.1189	C ₃ H ₇ N ₄ O ₂	131.0570	C ₆ H ₅ N ₄	133.0515	C ₄ H ₁₀ NO ₄	136.0610
C ₇ H ₁₂ O ₂	128.0837	C ₄ H ₅ NO ₄	131.0218	C ₆ H ₁₃ O ₃	133.0865	C ₄ H ₁₂ N ₂ O ₃	136.0848
C ₇ H ₁₄ NO	128.1076	C ₄ H ₇ N ₂ O ₃	131.0457	C ₆ H ₁₅ NO ₂	133.1103	C ₅ H ₂ N ₃ O ₂	136.0147
C ₇ H ₁₆ N ₂	128.1315	C ₄ H ₉ N ₃ O ₂	131.0695	C ₇ H ₅ N ₂ O	133.0402	C ₅ H ₄ N ₄ O	136.0386
C ₈ H ₁₆ O	128.1202	C ₄ H ₁₁ N ₄ O	131.0934	C ₇ H ₇ N ₃	133.0641	C ₅ H ₁₂ O ₄	136.0735
C ₈ H ₁₈ N	128.1440	C ₅ H ₇ O ₄	131.0344	C ₈ H ₇ NO	133.0528	C ₆ H ₄ N ₂ O ₂	136.0273
C ₉ H ₂₀	128.1566	C ₅ H ₉ NO ₃	131.0583	C ₈ H ₉ N ₂	133.0767	C ₆ H ₆ N ₃ O	136.0511
C ₁₀ H ₈	128.0626	C ₅ H ₁₁ N ₂ O ₂	131.0821	C ₉ H ₆ O	133.0653	C ₆ H ₈ N ₄	136.0750
129		C ₅ H ₁₃ N ₃ O	131.1060	C ₉ H ₁₁ N	133.0892	C ₇ H ₄ O ₃	136.0160
C ₃ H ₃ N ₃ O ₃	129.0175	C ₅ H ₁₅ N ₄	131.1298	C ₁₀ H ₁₃	133.1018	C ₇ H ₆ NO ₂	136.0399
C ₃ H ₅ N ₄ O ₂	129.0413	C ₆ H ₁₁ O ₃	131.0708	134		C ₇ H ₈ N ₂ O	136.0637
C ₄ H ₅ N ₂ O ₃	129.0300	C ₆ H ₁₃ NO ₂	131.0947	C ₃ H ₆ N ₂ O ₄	134.0328	C ₇ H ₁₀ N ₃	136.0876
C ₄ H ₇ N ₃ O ₂	129.0539	C ₆ H ₁₅ N ₂ O	131.1185	C ₃ H ₈ N ₃ O ₃	134.0566	C ₈ H ₃ O ₂	136.0524
C ₄ H ₉ N ₄ O	129.0777	C ₆ H ₁₇ N ₃	131.1424	C ₃ H ₁₀ N ₄ O ₂	134.0805	C ₈ H ₁₀ NO	136.0763
C ₅ H ₅ O ₄	129.0187	C ₇ H ₅ N ₃	131.0484	C ₄ H ₈ NO ₄	134.0453	C ₈ H ₁₂ N ₂	136.1001
C ₅ H ₇ NO ₃	129.0426	C ₇ H ₁₅ O ₂	131.1072	C ₄ H ₁₀ N ₂ O ₃	134.0692	C ₉ H ₁₂ O	136.0888
C ₅ H ₉ N ₂ O ₂	129.0664	C ₇ H ₁₇ NO	131.1311	C ₄ H ₁₂ N ₃ O ₂	134.0930	C ₉ H ₁₄ N	136.1127
C ₅ H ₁₁ N ₃ O	129.0903	C ₈ H ₇ N ₂	131.0610	C ₄ H ₁₄ N ₄ O	134.1169	C ₁₀ H ₁₆	136.1253
C ₅ H ₁₃ N ₄	129.1142	C ₉ H ₇ O	131.0497	C ₅ H ₁₀ O ₄	134.0579	137	
C ₆ H ₆ O ₃	129.0552	C ₉ H ₉ N	131.0736	C ₅ H ₁₂ NO ₃	134.0817	C ₃ H ₆ N ₂ O ₄	137.0563
C ₆ H ₁₁ NO ₂	129.0790	C ₁₀ H ₁₁	131.0861	C ₅ H ₁₄ N ₂ O ₂	134.1056	C ₃ H ₁₁ N ₃ O ₃	137.0801
C ₆ H ₁₃ N ₂ O	129.1029	132		C ₆ H ₄ N ₃ O	134.0355	C ₄ H ₁₁ NO ₄	137.0688
C ₆ H ₁₅ N ₃	129.1267	C ₃ H ₄ N ₂ O ₄	132.0171	C ₆ H ₆ N ₄	134.0594	C ₅ H ₃ N ₃ O ₂	137.0226
C ₇ H ₁₃ O ₂	129.0916	C ₃ H ₆ N ₃ O ₃	132.0410	C ₆ H ₁₄ O ₃	134.0943	C ₅ H ₅ N ₄ O	137.0464
C ₇ H ₁₅ NO	129.1154	C ₃ H ₈ N ₄ O ₂	132.0648	C ₇ H ₆ N ₂ O	134.0480	C ₆ H ₅ N ₂ O ₂	137.0351
C ₇ H ₁₇ N ₂	129.1393	C ₄ H ₃ NO ₄	132.0297	C ₇ H ₈ N ₃	134.0719	C ₆ H ₇ N ₃ O	137.0590
C ₈ H ₁₇ O	129.1280	C ₄ H ₈ N ₂ O ₃	132.0535	C ₈ H ₆ O ₂	134.0368	C ₆ H ₉ N ₄	137.0829

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₇ H ₅ O ₃	137.0238	C ₆ H ₈ N ₂ O ₂	140.0586	C ₈ H ₁₆ NO	142.1233	C ₉ H ₈ N ₂	144.0688
C ₇ H ₇ NO ₂	137.0477	C ₆ H ₁₀ N ₃ O	140.0825	C ₈ H ₁₈ N ₂	142.1471	C ₉ H ₂₀ O	144.1515
C ₇ H ₉ N ₂ O	137.0715	C ₆ H ₁₂ N ₄	140.1063	C ₉ H ₆ N ₂	142.0532	C ₁₀ H ₈ O	144.0575
C ₇ H ₁₁ N ₃	137.0954	C ₇ H ₈ O ₃	140.0473	C ₉ H ₁₈ O	142.1358	C ₁₀ H ₁₀ N	144.0814
C ₈ H ₉ O ₂	137.0603	C ₇ H ₁₀ NO ₂	140.0712	C ₉ H ₂₀ N	142.1597	C ₁₁ H ₁₂	144.0939
C ₈ H ₁₁ NO	137.0841	C ₇ H ₁₂ N ₂ O	140.0950	C ₁₀ H ₈ N	142.0657	145	
C ₈ H ₁₃ N ₂	137.1080	C ₇ H ₁₄ N ₃	140.1189	C ₁₀ H ₂₂	142.1722	C ₄ H ₅ N ₂ O ₄	145.0249
C ₉ H ₁₃ O	137.0967	C ₈ H ₁₂ O ₂	140.0837	C ₁₁ H ₁₀	142.0783	C ₄ H ₇ N ₃ O ₃	145.0488
C ₉ H ₁₅ N	137.1205	C ₈ H ₁₄ NO	140.1076	143		C ₄ H ₉ N ₄ O ₂	145.0726
C ₁₀ H ₁₇	137.1331	C ₈ H ₁₆ N ₂	140.1315	C ₄ H ₃ N ₂ O ₄	143.0093	C ₅ H ₇ NO ₄	145.0375
138		C ₉ H ₁₆ O	140.1202	C ₄ H ₅ N ₃ O ₃	143.0331	C ₅ H ₉ N ₂ O ₃	145.0614
C ₃ H ₁₀ N ₂ O ₄	138.0641	C ₉ H ₁₈ N	140.1440	C ₄ H ₇ N ₄ O ₂	143.0570	C ₅ H ₁₁ N ₃ O ₂	145.0852
C ₅ H ₄ N ₃ O ₂	138.0304	C ₁₀ H ₆ N	140.0501	C ₅ H ₅ NO ₄	143.0218	C ₅ H ₁₃ N ₄ O	145.1091
C ₅ H ₆ N ₄ O	138.0542	C ₁₀ H ₂₀	140.1566	C ₅ H ₇ N ₂ O ₃	143.0457	C ₆ H ₆ O ₄	145.0501
C ₆ H ₄ NO ₃	138.0191	C ₁₁ H ₈	140.0626	C ₅ H ₉ N ₃ O ₂	143.0695	C ₆ H ₁₁ NO ₃	145.0739
C ₆ H ₆ N ₂ O ₂	138.0429	141		C ₅ H ₁₁ N ₄ O	143.0934	C ₆ H ₁₃ N ₂ O ₂	145.0978
C ₆ H ₈ N ₃ O	138.0668	C ₄ H ₃ N ₃ O ₃	141.0175	C ₆ H ₇ O ₄	143.0344	C ₆ H ₁₅ N ₃ O	145.1216
C ₆ H ₁₀ N ₄	138.0907	C ₄ H ₅ N ₄ O ₃	141.0413	C ₆ H ₉ NO ₃	143.0583	C ₆ H ₁₇ N ₄	145.1455
C ₇ H ₆ O ₃	138.0317	C ₅ H ₃ NO ₄	141.0062	C ₆ H ₁₁ N ₂ O ₂	143.0821	C ₇ H ₅ N ₄	145.0515
C ₇ H ₈ NO ₂	138.0555	C ₅ H ₅ N ₂ O ₃	141.0300	C ₆ H ₁₃ N ₃ O	143.1060	C ₇ H ₁₃ O ₃	145.0865
C ₇ H ₁₀ N ₂ O	138.0794	C ₅ H ₇ N ₂ O ₃	141.0539	C ₆ H ₁₅ N ₄	143.1298	C ₇ H ₁₅ NO ₂	145.1103
C ₇ H ₁₂ N ₃	138.1032	C ₅ H ₉ N ₄ O	141.0777	C ₇ H ₁₁ O ₃	143.0708	C ₇ H ₁₇ N ₂ O	145.1342
C ₈ H ₁₀ O ₂	138.0681	C ₆ H ₅ O ₄	141.0187	C ₇ H ₁₃ NO ₂	143.0947	C ₇ H ₁₉ N ₃	145.1580
C ₈ H ₁₂ NO	138.0919	C ₆ H ₇ NO ₃	141.0426	C ₇ H ₁₅ N ₂ O	143.1185	C ₈ H ₅ N ₂ O	145.0402
C ₈ H ₁₄ N ₂	138.1158	C ₆ H ₉ N ₂ O ₃	141.0664	C ₇ H ₁₇ N ₃	143.1424	C ₈ H ₇ N ₃	145.0641
C ₉ H ₁₄ O	138.1045	C ₆ H ₁₁ N ₃ O	141.0903	C ₈ H ₁₅ O ₂	143.1072	C ₈ H ₁₇ O ₂	145.1229
C ₉ H ₁₆ N	138.1284	C ₆ H ₁₃ N ₄	141.1142	C ₈ H ₁₇ NO	143.1311	C ₈ H ₁₉ NO	145.1467
C ₁₀ H ₁₈	138.1409	C ₇ H ₉ O ₃	141.0552	C ₈ H ₁₉ N ₂	143.1549	C ₉ H ₇ NO	145.0528
139		C ₇ H ₁₁ NO ₂	141.0790	C ₉ H ₇ N ₂	143.0610	C ₉ H ₉ N ₂	145.0767
C ₄ H ₃ N ₄ O ₂	139.0257	C ₇ H ₁₃ N ₂ O	141.1029	C ₉ H ₁₉ O	143.1436	C ₁₀ H ₉ O	145.0653
C ₅ H ₃ N ₂ O ₃	139.0144	C ₇ H ₁₅ N ₃	141.1267	C ₉ H ₂₁ N	143.1675	C ₁₀ H ₁₁ N	145.0892
C ₅ H ₅ N ₃ O ₂	139.0382	C ₈ H ₁₃ O ₂	141.0916	C ₁₀ H ₇ O	143.0497	C ₁₁ H ₁₃	145.1018
C ₅ H ₇ N ₄ O	139.0621	C ₈ H ₁₅ NO	141.1154	C ₁₀ H ₉ N	143.0736	146	
C ₆ H ₅ NO ₃	139.0269	C ₈ H ₁₇ N ₂	141.1393	C ₁₁ H ₁₁	143.0861	C ₄ H ₆ N ₂ O ₄	146.0328
C ₆ H ₇ N ₂ O ₂	139.0508	C ₉ H ₁₇ O	141.1280	144		C ₄ H ₈ N ₃ O ₃	146.0566
C ₆ H ₉ N ₃ O	139.0747	C ₉ H ₁₉ N	141.1519	C ₄ H ₄ N ₂ O ₄	144.0171	C ₄ H ₁₀ N ₄ O ₂	146.0805
C ₆ H ₁₁ N ₄	139.0985	C ₁₀ H ₇ N	141.0579	C ₄ H ₆ N ₃ O ₃	144.0410	C ₅ H ₈ NO ₄	146.0453
C ₇ H ₇ O ₃	139.0395	C ₁₀ H ₂₁	141.1644	C ₄ H ₈ N ₄ O ₂	144.0648	C ₅ H ₁₀ N ₂ O ₃	146.0692
C ₇ H ₉ NO ₂	139.0634	C ₁₁ H ₉	141.0705	C ₅ H ₆ NO ₄	144.0297	C ₅ H ₁₂ N ₃ O ₂	146.0930
C ₇ H ₁₁ N ₂ O	139.0872	142		C ₅ H ₈ N ₂ O ₃	144.0535	C ₅ H ₁₄ N ₄ O	146.1169
C ₇ H ₁₃ N ₃	139.1111	C ₄ H ₄ N ₃ O ₃	142.0253	C ₅ H ₁₀ N ₃ O ₂	144.0774	C ₆ H ₁₀ O ₄	146.0579
C ₈ H ₁₁ O ₂	139.0759	C ₄ H ₆ N ₄ O ₂	142.0491	C ₅ H ₁₂ N ₄ O	144.1012	C ₆ H ₁₂ NO ₃	146.0817
C ₈ H ₁₃ NO	139.0998	C ₅ H ₄ NO ₄	142.0140	C ₆ H ₈ O ₄	144.0422	C ₆ H ₁₄ N ₂ O ₂	146.1056
C ₈ H ₁₅ N ₂	139.1236	C ₅ H ₆ N ₂ O ₃	142.0379	C ₆ H ₁₀ NO ₃	144.0661	C ₆ H ₁₆ N ₃ O	146.1295
C ₉ H ₃ N ₂	139.0297	C ₅ H ₈ N ₃ O ₂	142.0617	C ₆ H ₁₂ N ₂ O ₂	144.0899	C ₇ H ₆ N ₄	146.0594
C ₉ H ₁₅ O	139.1123	C ₅ H ₁₀ N ₄ O	142.0856	C ₆ H ₁₄ N ₃ O	144.1138	C ₇ H ₁₄ O ₃	146.0943
C ₉ H ₁₇ N	139.1362	C ₆ H ₆ O ₄	142.0266	C ₆ H ₁₆ N ₄	144.1377	C ₇ H ₁₆ NO ₂	146.1182
C ₁₀ H ₁₉	139.1488	C ₆ H ₈ NO ₃	142.0504	C ₇ H ₁₂ O ₃	144.0786	C ₇ H ₁₈ N ₂ O	146.1420
C ₁₁ H ₇	139.0548	C ₆ H ₁₀ N ₂ O ₂	142.0743	C ₇ H ₁₄ NO ₂	144.1025	C ₈ H ₂ O ₃	146.0003
140		C ₆ H ₁₂ N ₃ O	142.0981	C ₇ H ₁₆ N ₂ O	144.1264	C ₈ H ₆ N ₂ O	146.0480
C ₄ H ₄ N ₄ O ₂	140.0335	C ₆ H ₁₄ N ₄	142.1220	C ₇ H ₁₈ N ₃	144.1502	C ₈ H ₈ N ₃	146.0719
C ₅ H ₄ N ₂ O ₃	140.0222	C ₇ H ₁₀ O ₃	142.0630	C ₈ H ₆ N ₃	144.0563	C ₈ H ₁₈ O ₂	146.1307
C ₅ H ₆ N ₃ O ₂	140.0460	C ₇ H ₁₂ NO ₂	142.0868	C ₈ H ₁₆ O ₂	144.1151	C ₉ H ₆ O ₂	146.0368
C ₅ H ₈ N ₄ O	140.0699	C ₇ H ₁₄ N ₂ O	142.1107	C ₈ H ₁₈ NO	144.1389	C ₉ H ₈ NO	146.0606
C ₆ H ₄ O ₄	140.0109	C ₇ H ₁₆ N ₃	142.1346	C ₈ H ₂₀ N ₂	144.1628	C ₉ H ₁₀ N ₂	146.0845
C ₆ H ₆ NO ₃	140.0348	C ₈ H ₁₄ O ₂	142.0994	C ₉ H ₆ NO	144.0449	C ₁₀ H ₁₀ O	146.0732

APPENDIX A (Continued)

FM	FM	FM	FM
C ₁₀ H ₁₂ N	146.0970	C ₅ H ₁₅ N ₃ O ₂	149.1165
C ₁₁ H ₁₄	146.1096	C ₆ H ₅ N ₄ O	149.0464
147		C ₆ H ₁₃ O ₄	149.0814
C ₄ H ₇ N ₂ O ₄	147.0406	C ₆ H ₁₅ NO ₃	149.1052
C ₄ H ₉ N ₃ O ₃	147.0644	C ₇ H ₅ N ₂ O ₂	149.0351
C ₅ H ₁₁ N ₄ O ₂	147.0883	C ₇ H ₇ N ₃ O	149.0590
C ₅ H ₉ NO ₄	147.0532	C ₇ H ₉ N ₄	149.0829
C ₅ H ₁₁ N ₂ O ₃	147.0770	C ₈ H ₅ O ₃	149.0238
C ₅ H ₁₃ N ₃ O ₂	147.1009	C ₈ H ₇ NO ₂	149.0477
C ₅ H ₁₅ N ₄ O	147.1247	C ₈ H ₉ N ₂ O	149.0715
C ₆ H ₁₁ O ₄	147.0657	C ₈ H ₁₁ N ₃	149.0954
C ₆ H ₁₃ NO ₃	147.0896	C ₉ H ₉ O ₂	149.0603
C ₆ H ₁₅ N ₂ O ₂	147.1134	C ₉ H ₁₁ NO	149.0841
C ₆ H ₁₇ N ₃ O	147.1373	C ₉ H ₁₃ N ₂	149.1080
C ₇ H ₅ N ₃ O	147.0433	C ₁₀ H ₁₃ O	149.0967
C ₇ H ₇ N ₄	147.0672	C ₁₀ H ₁₅ N	149.1205
C ₇ H ₁₅ O ₃	147.1021	C ₁₁ H ₁₇	149.1331
C ₇ H ₁₇ NO ₂	147.1260	150	
C ₈ H ₅ NO ₂	147.0320	C ₄ H ₁₆ N ₂ O ₄	150.0641
C ₈ H ₇ N ₂ O	147.0559	C ₄ H ₁₂ N ₃ O ₃	150.0879
C ₈ H ₉ N ₃	147.0798	C ₄ H ₁₄ N ₄ O ₂	150.1118
C ₉ H ₇ O ₂	147.0446	C ₅ H ₁₂ NO ₄	150.0766
C ₉ H ₉ NO	147.0684	C ₅ H ₁₄ N ₂ O ₃	150.1005
C ₉ H ₁₁ N ₂	147.0923	C ₆ H ₄ N ₃ O ₂	150.0304
C ₁₀ H ₁₁ O	147.0810	C ₆ H ₆ N ₄ O	150.0542
C ₁₀ H ₁₃ N	147.1049	C ₆ H ₁₄ O ₄	150.0892
C ₁₁ H ₁₅	147.1174	C ₇ H ₆ N ₂ O ₂	150.0429
148		C ₇ H ₈ N ₃ O	150.0668
C ₄ H ₈ N ₂ O ₄	148.0484	C ₇ H ₁₀ N ₄	150.0907
C ₄ H ₁₀ N ₃ O ₃	148.0723	C ₈ H ₆ O ₃	150.0317
C ₅ H ₁₂ N ₄ O ₂	148.0961	C ₈ H ₈ NO ₂	150.0555
C ₅ H ₁₀ NO ₄	148.0610	C ₈ H ₁₀ N ₂ O	150.0794
C ₅ H ₁₂ N ₂ O ₃	148.0849	C ₈ H ₁₂ N ₃	150.1032
C ₅ H ₁₆ N ₄ O	148.1325	C ₉ H ₁₀ O ₂	150.0681
C ₆ H ₄ N ₄ O	148.0386	C ₉ H ₁₂ NO	150.0919
C ₆ H ₁₂ O ₄	148.0735	C ₉ H ₁₄ N ₂	150.1158
C ₆ H ₁₄ NO ₃	148.0974	C ₁₀ H ₁₄ O	150.1045
C ₆ H ₁₆ N ₂ O ₂	148.1213	C ₁₀ H ₁₆ N	150.1284
C ₇ H ₆ N ₃ O	148.0511	C ₁₁ H ₁₈	150.1409
C ₇ H ₈ N ₄	148.0750	151	
C ₇ H ₁₆ O ₃	148.1100	C ₄ H ₁₁ N ₂ O ₄	151.0719
C ₈ H ₆ NO ₂	148.0399	C ₄ H ₁₃ N ₃ O ₃	151.0958
C ₈ H ₈ N ₂ O	148.0637	C ₅ H ₃ N ₄ O ₂	151.0257
C ₈ H ₁₀ N ₃	148.0876	C ₅ H ₁₃ NO ₄	151.0845
C ₉ H ₈ O ₂	148.0524	C ₆ H ₃ N ₂ O ₃	151.0144
C ₉ H ₁₀ NO	148.0763	C ₆ H ₅ N ₃ O ₂	151.0382
C ₉ H ₁₂ N ₂	148.1001	C ₆ H ₇ N ₄ O	151.0621
C ₁₀ H ₁₂ O	148.0888	C ₇ H ₅ NO ₃	151.0269
C ₁₀ H ₁₄ N	148.1127	C ₇ H ₇ N ₂ O ₂	151.0508
C ₁₁ H ₁₆	148.1253	C ₇ H ₉ N ₃ O	151.0746
149		C ₇ H ₁₁ N ₄	151.0985
C ₄ H ₉ N ₂ O ₄	149.0563	C ₈ H ₇ O ₃	151.0395
C ₄ H ₁₁ N ₃ O ₃	149.0801	C ₈ H ₉ NO ₂	151.0634
C ₄ H ₁₃ N ₄ O ₂	149.1040	C ₈ H ₁₁ N ₂ O	151.0872
C ₅ H ₁₁ NO ₄	149.0688	C ₈ H ₁₃ N ₃	151.1111
C ₅ H ₁₃ N ₂ O ₃	149.0927	C ₉ H ₁₁ O ₂	151.0759
C ₉ H ₁₃ NO	151.0998	C ₉ H ₁₅ N ₂	151.1236
C ₉ H ₁₅ N ₂	151.1236	C ₁₀ H ₁₅ O	151.1123
C ₁₀ H ₁₇ N	151.1362	C ₁₀ H ₁₇ N	151.1362
C ₁₁ H ₁₉	151.1488	152	
C ₄ H ₁₂ N ₂ O ₄	152.0797	C ₅ H ₄ N ₄ O ₂	152.0335
C ₅ H ₄ N ₄ O ₂	152.0335	C ₆ H ₄ N ₂ O ₃	152.0222
C ₆ H ₄ N ₂ O ₃	152.0222	C ₆ H ₆ N ₃ O ₂	152.0460
C ₆ H ₈ N ₄ O	152.0699	C ₇ H ₆ NO ₃	152.0348
C ₇ H ₆ NO ₃	152.0348	C ₇ H ₈ N ₂ O ₂	152.0586
C ₇ H ₈ N ₂ O ₂	152.0586	C ₇ H ₁₀ N ₃ O	152.0825
C ₇ H ₁₀ N ₃ O	152.0825	C ₇ H ₁₂ N ₄	152.1063
C ₇ H ₁₂ N ₄	152.1063	C ₈ H ₈ O ₃	152.0473
C ₈ H ₈ O ₃	152.0473	C ₈ H ₁₀ NO ₂	152.0712
C ₈ H ₁₀ NO ₂	152.0712	C ₈ H ₁₂ N ₂ O	152.0950
C ₈ H ₁₂ N ₂ O	152.0950	C ₈ H ₁₄ N ₃	152.1189
C ₈ H ₁₄ N ₃	152.1189	C ₉ H ₁₂ O ₂	152.0837
C ₉ H ₁₂ O ₂	152.0837	C ₉ H ₁₄ NO	152.1076
C ₉ H ₁₄ NO	152.1076	C ₉ H ₁₆ N ₂	152.1315
C ₉ H ₁₆ N ₂	152.1315	C ₁₀ H ₁₆ O	152.1202
C ₁₀ H ₁₆ O	152.1202	C ₁₀ H ₁₈ N	152.1440
C ₁₀ H ₁₈ N	152.1440	C ₁₁ H ₆ N	152.0501
C ₁₁ H ₆ N	152.0501	C ₁₁ H ₂₀	152.1566
C ₁₁ H ₂₀	152.1566	C ₁₂ H ₈	152.0626
C ₁₂ H ₈	152.0626	153	
C ₅ H ₃ N ₃ O ₃	153.0175	C ₅ H ₃ N ₃ O ₃	153.0175
C ₅ H ₅ N ₄ O ₂	153.0413	C ₆ H ₅ N ₂ O ₃	153.0300
C ₆ H ₅ N ₂ O ₃	153.0300	C ₆ H ₇ N ₃ O ₂	153.0539
C ₆ H ₇ N ₃ O ₂	153.0539	C ₆ H ₉ N ₄ O	153.0777
C ₆ H ₉ N ₄ O	153.0777	C ₇ H ₅ O ₄	153.0187
C ₇ H ₅ O ₄	153.0187	C ₇ H ₇ NO ₃	153.0426
C ₇ H ₇ NO ₃	153.0426	C ₇ H ₉ N ₂ O ₂	153.0664
C ₇ H ₉ N ₂ O ₂	153.0664	C ₇ H ₁₁ N ₃ O	153.0903
C ₇ H ₁₁ N ₃ O	153.0903	C ₇ H ₁₃ N ₄	153.1142
C ₇ H ₁₃ N ₄	153.1142	C ₈ H ₉ O ₃	153.0552
C ₈ H ₉ O ₃	153.0552	C ₈ H ₁₁ NO ₂	153.0790
C ₈ H ₁₁ NO ₂	153.0790	C ₈ H ₁₃ N ₂ O	153.1029
C ₈ H ₁₃ N ₂ O	153.1029	C ₈ H ₁₅ N ₃	153.1267
C ₈ H ₁₅ N ₃	153.1267	C ₉ H ₁₃ O ₂	153.0916
C ₉ H ₁₃ O ₂	153.0916	C ₉ H ₁₅ NO	153.1154
C ₉ H ₁₅ NO	153.1154	C ₉ H ₁₇ N ₂	153.1393
C ₉ H ₁₇ N ₂	153.1393	C ₁₀ H ₁₇ O	153.1280
C ₁₀ H ₁₇ O	153.1280	C ₁₀ H ₁₉ N	153.1519
C ₁₀ H ₁₉ N	153.1519	C ₁₁ H ₇ N	153.0579
C ₁₁ H ₇ N	153.0579	C ₁₁ H ₂₁	153.1644
C ₁₁ H ₂₁	153.1644	C ₁₂ H ₉	153.0705
C ₁₂ H ₉	153.0705	154	
C ₅ H ₄ N ₃ O ₃	154.0253	C ₅ H ₄ N ₃ O ₃	154.0253
C ₅ H ₆ N ₄ O ₂	154.0491	C ₆ H ₄ NO ₄	154.0140
C ₆ H ₄ NO ₄	154.0140	C ₆ H ₆ N ₂ O ₃	154.0379
C ₆ H ₆ N ₂ O ₃	154.0379	C ₆ H ₈ N ₃ O ₂	154.0617
C ₆ H ₈ N ₃ O ₂	154.0617	C ₆ H ₁₀ N ₄ O	154.0856
C ₆ H ₁₀ N ₄ O	154.0856	C ₇ H ₆ O ₄	154.0266
C ₇ H ₆ O ₄	154.0266	C ₇ H ₈ NO ₃	154.0504
C ₇ H ₈ NO ₃	154.0504	C ₇ H ₁₀ N ₂ O ₂	154.0743
C ₇ H ₁₀ N ₂ O ₂	154.0743	C ₇ H ₁₂ N ₃ O	154.0981
C ₇ H ₁₂ N ₃ O	154.0981	C ₇ H ₁₄ N ₄	154.1220
C ₇ H ₁₄ N ₄	154.1220	C ₈ H ₁₀ O ₃	154.0630
C ₈ H ₁₀ O ₃	154.0630	C ₈ H ₁₂ NO ₂	154.0868
C ₈ H ₁₂ NO ₂	154.0868	C ₈ H ₁₄ N ₂ O	154.1107
C ₈ H ₁₄ N ₂ O	154.1107	C ₈ H ₁₆ N ₃	154.1346
C ₈ H ₁₆ N ₃	154.1346	C ₉ H ₁₄ O ₂	154.0994
C ₉ H ₁₄ O ₂	154.0994	C ₉ H ₁₆ NO	154.1233
C ₉ H ₁₆ NO	154.1233	C ₉ H ₁₈ N ₂	154.1471
C ₉ H ₁₈ N ₂	154.1471	C ₁₀ H ₁₈ O	154.1358
C ₁₀ H ₁₈ O	154.1358	C ₁₀ H ₂₀ N	154.1597
C ₁₀ H ₂₀ N	154.1597	C ₁₁ H ₈ N	154.0657
C ₁₁ H ₈ N	154.0657	C ₁₁ H ₂₂	154.1722
C ₁₁ H ₂₂	154.1722	C ₁₂ H ₁₀	154.0783
C ₁₂ H ₁₀	154.0783	155	
C ₅ H ₃ N ₂ O ₄	155.0093	C ₅ H ₃ N ₂ O ₄	155.0093
C ₅ H ₅ N ₃ O ₃	155.0331	C ₅ H ₅ N ₃ O ₃	155.0331
C ₅ H ₇ N ₄ O ₂	155.0570	C ₆ H ₅ NO ₄	155.0218
C ₆ H ₅ NO ₄	155.0218	C ₆ H ₇ N ₂ O ₃	155.0457
C ₆ H ₇ N ₂ O ₃	155.0457	C ₆ H ₉ N ₃ O ₂	155.0695
C ₆ H ₉ N ₃ O ₂	155.0695	C ₆ H ₁₁ N ₄ O	155.0934
C ₆ H ₁₁ N ₄ O	155.0934	C ₇ H ₇ O ₄	155.0344
C ₇ H ₇ O ₄	155.0344	C ₇ H ₉ NO ₃	155.0583
C ₇ H ₉ NO ₃	155.0583	C ₇ H ₁₁ N ₂ O ₂	155.0821
C ₇ H ₁₁ N ₂ O ₂	155.0821	C ₇ H ₁₃ N ₃ O	155.1060
C ₇ H ₁₃ N ₃ O	155.1060	C ₈ H ₁₁ O ₃	155.0708
C ₈ H ₁₁ O ₃	155.0708	C ₈ H ₁₃ NO ₂	155.0947
C ₈ H ₁₃ NO ₂	155.0947	C ₈ H ₁₅ N ₂ O	155.1185
C ₈ H ₁₅ N ₂ O	155.118		

APPENDIX A (Continued)

FM	FM	FM	FM				
C ₇ H ₁₆ N ₄	156.1377	C ₇ H ₁₄ N ₂ O ₂	158.1056	C ₇ H ₁₄ NO ₃	160.0974	C ₈ H ₁₀ N ₄	162.0907
C ₈ H ₁₂ O ₃	156.0786	C ₇ H ₁₆ N ₃ O	158.1295	C ₇ H ₁₆ N ₂ O ₂	160.1213	C ₈ H ₁₈ O ₃	162.1256
C ₈ H ₁₄ NO ₂	156.1025	C ₇ H ₁₈ N ₄	158.1533	C ₇ H ₁₈ N ₃ O	160.1451	C ₉ H ₆ O ₃	162.0317
C ₈ H ₁₆ N ₂ O	156.1264	C ₈ H ₆ N ₄	158.0594	C ₇ H ₂₀ N ₄	160.1690	C ₉ H ₈ NO ₂	162.0555
C ₈ H ₁₈ N ₃	156.1502	C ₈ H ₁₄ O ₃	158.0943	C ₈ H ₆ N ₃ O	160.0511	C ₉ H ₁₀ N ₂ O	162.0794
C ₉ H ₆ N ₃	156.0563	C ₈ H ₁₆ NO ₂	158.1182	C ₈ H ₈ N ₄	160.0750	C ₉ H ₁₂ N ₃	162.1032
C ₉ H ₁₆ O ₂	156.1151	C ₈ H ₁₈ N ₂ O	158.1420	C ₈ H ₁₆ O ₃	160.1100	C ₁₀ H ₁₀ O ₂	162.0681
C ₉ H ₁₈ NO	156.1389	C ₈ H ₂₀ N ₃	158.1659	C ₈ H ₁₈ NO ₂	160.1338	C ₁₀ H ₁₂ NO	162.0919
C ₉ H ₂₀ N ₂	156.1628	C ₉ H ₆ N ₂ O	158.0480	C ₈ H ₂₀ N ₂ O	160.1577	C ₁₀ H ₁₄ N ₂	162.1158
C ₁₀ H ₆ NO	156.0449	C ₉ H ₈ N ₃	158.0719	C ₉ H ₆ NO ₂	160.0399	C ₁₁ H ₁₄ O	162.1045
C ₁₀ H ₈ N ₂	156.0688	C ₉ H ₁₈ O ₂	158.1307	C ₉ H ₈ N ₂ O	160.0637	C ₁₁ H ₁₆ N	162.1284
C ₁₀ H ₂₀ O	156.1515	C ₉ H ₂₀ NO	158.1546	C ₉ H ₁₀ N ₃	160.0876	C ₁₂ H ₁₈	162.1409
C ₁₀ H ₂₂ N	156.1753	C ₁₀ H ₆ O ₂	158.0368	C ₉ H ₂₀ O ₂	160.1464	163	
C ₁₁ H ₈ O	156.0575	C ₁₀ H ₈ NO	158.0606	C ₁₀ H ₈ O ₂	160.0524	C ₅ H ₁₁ N ₂ O ₄	163.0719
C ₁₁ H ₁₀ N	156.0814	C ₁₀ H ₁₀ N ₂	158.0845	C ₁₀ H ₁₀ NO	160.0763	C ₅ H ₁₃ N ₃ O ₃	163.0958
C ₁₁ H ₂₄	156.1879	C ₁₀ H ₂₂ O	158.1672	C ₁₀ H ₁₂ N ₂	160.1001	C ₅ H ₁₅ N ₄ O ₂	163.1196
C ₁₂ H ₁₂	156.0939	C ₁₁ H ₁₀ O	158.0732	C ₁₁ H ₁₂ O	160.0888	C ₆ H ₁₃ NO ₄	163.0845
157		C ₁₁ H ₁₂ N	158.0970	C ₁₁ H ₁₄ N	160.1127	C ₆ H ₁₅ N ₂ O ₃	163.1083
C ₅ H ₅ N ₂ O ₄	157.0249	C ₁₂ H ₁₄	158.1096	C ₁₂ H ₁₆	160.1253	C ₆ H ₁₇ N ₃ O ₂	163.1322
C ₅ H ₇ N ₃ O ₃	157.0488	159		161		C ₇ H ₅ N ₃ O ₂	163.0382
C ₅ H ₉ N ₄ O ₂	157.0726	C ₅ H ₇ N ₂ O ₄	159.0406	C ₅ H ₉ N ₂ O ₄	161.0563	C ₇ H ₇ N ₄ O	163.0621
C ₆ H ₇ NO ₄	157.0375	C ₅ H ₉ N ₃ O ₃	159.0644	C ₅ H ₁₁ N ₃ O ₃	161.0801	C ₇ H ₁₅ O ₄	163.0970
C ₆ H ₉ N ₂ O ₃	157.0614	C ₅ H ₁₁ N ₄ O ₂	159.0883	C ₅ H ₁₃ N ₄ O ₂	161.1040	C ₇ H ₁₇ NO ₃	163.1209
C ₆ H ₁₁ N ₃ O ₂	157.0852	C ₆ H ₉ NO ₄	159.0532	C ₆ H ₁₁ NO ₄	161.0688	C ₈ H ₅ NO ₃	163.0269
C ₆ H ₁₃ N ₄ O	157.1091	C ₆ H ₁₁ N ₂ O ₃	159.0770	C ₆ H ₁₃ N ₂ O ₃	161.0927	C ₈ H ₇ N ₂ O ₂	163.0508
C ₇ H ₉ O ₄	157.0501	C ₆ H ₁₃ N ₃ O ₂	159.1009	C ₆ H ₁₅ N ₃ O ₂	161.1165	C ₈ H ₉ N ₃ O	163.0746
C ₇ H ₁₁ NO ₃	157.0739	C ₆ H ₁₅ N ₄ O	159.1247	C ₆ H ₁₇ N ₄ O	161.1404	C ₈ H ₁₁ N ₄	163.0985
C ₇ H ₁₃ N ₂ O ₂	157.0978	C ₇ H ₁₁ O ₄	159.0657	C ₇ H ₅ N ₄ O	161.0464	C ₉ H ₇ O ₃	163.0395
C ₇ H ₁₅ N ₃ O	157.1216	C ₇ H ₁₃ NO ₃	159.0896	C ₈ H ₅ N ₂ O ₂	161.0351	C ₉ H ₉ NO ₂	163.0634
C ₇ H ₁₇ N ₄	157.1455	C ₇ H ₁₅ N ₂ O ₂	159.1134	C ₈ H ₇ N ₃ O	161.0590	C ₉ H ₁₁ N ₂ O	163.0872
C ₈ H ₅ N ₄	157.0515	C ₇ H ₁₇ N ₃ O	159.1373	C ₈ H ₉ N ₄	161.0829	C ₉ H ₁₃ N ₃	163.1111
C ₈ H ₁₃ O ₃	157.0865	C ₈ H ₅ N ₃ O	159.0433	C ₈ H ₁₇ O ₃	161.1178	C ₁₀ H ₁₁ O ₂	163.0759
C ₈ H ₁₅ NO ₂	157.1103	C ₈ H ₇ N ₄	159.0672	C ₈ H ₁₉ NO ₂	161.1416	C ₁₀ H ₁₃ NO	163.0998
C ₈ H ₁₇ N ₂ O	157.1342	C ₈ H ₁₅ O ₃	159.1021	C ₉ H ₅ O ₃	161.0238	C ₁₀ H ₁₅ N ₂	163.1236
C ₈ H ₁₉ N ₃	157.1580	C ₈ H ₁₇ NO ₂	159.1260	C ₉ H ₇ NO ₂	161.0477	C ₁₁ H ₁₅ O	163.1123
C ₉ H ₅ N ₂ O	157.0402	C ₈ H ₁₉ N ₂ O	159.1498	C ₉ H ₉ N ₂ O	161.0715	C ₁₁ H ₁₇ N	163.1362
C ₉ H ₇ N ₃	157.0641	C ₈ H ₂₁ N ₃	159.1737	C ₉ H ₁₁ N ₃	161.0954	C ₁₂ H ₁₉	163.1488
C ₉ H ₁₇ O ₂	157.1229	C ₉ H ₅ NO ₂	159.0320	C ₁₀ H ₉ O ₂	161.0603	164	
C ₉ H ₁₉ NO	157.1467	C ₉ H ₇ N ₂ O	159.0559	C ₁₀ H ₁₁ NO	161.0841	C ₅ H ₁₂ N ₂ O ₄	164.0797
C ₉ H ₂₁ N ₂	157.1706	C ₉ H ₉ N ₃	159.0798	C ₁₀ H ₁₃ N ₂	161.1080	C ₅ H ₁₄ N ₃ O ₃	164.1036
C ₁₀ H ₇ NO	157.0528	C ₉ H ₁₉ O ₂	159.1385	C ₁₁ H ₁₃ O	161.0967	C ₅ H ₁₆ N ₄ O ₂	164.1275
C ₁₀ H ₉ N ₂	157.0767	C ₉ H ₂₁ NO	159.1624	C ₁₁ H ₁₅ N	161.1205	C ₆ H ₄ N ₄ O ₂	164.0335
C ₁₀ H ₂₁ O	157.1593	C ₁₀ H ₇ O ₂	159.0446	C ₁₂ H ₁₇	161.1331	C ₆ H ₁₄ NO ₄	164.0923
C ₁₀ H ₂₃ N	157.1832	C ₁₀ H ₉ NO	159.0684	162		C ₆ H ₁₆ N ₂ O ₃	164.1162
C ₁₁ H ₉ O	157.0653	C ₁₀ H ₁₁ N ₂	159.0923	C ₅ H ₁₀ N ₂ O ₄	162.0641	C ₇ H ₆ N ₃ O ₂	164.0460
C ₁₁ H ₁₁ N	157.0892	C ₁₁ H ₁₁ O	159.0810	C ₅ H ₁₂ N ₃ O ₃	162.0879	C ₇ H ₈ N ₄ O	164.0699
C ₁₂ H ₁₃	157.1018	C ₁₁ H ₁₃ N	159.1049	C ₅ H ₁₄ N ₄ O ₂	162.1118	C ₇ H ₁₆ O ₄	164.1049
158		C ₁₂ H ₁₅	159.1174	C ₆ H ₁₂ NO ₄	162.0766	C ₈ H ₆ NO ₃	164.0348
C ₃ H ₆ N ₂ O ₄	158.0328	160		C ₆ H ₁₄ N ₂ O ₃	162.1005	C ₈ H ₈ N ₂ O ₂	164.0586
C ₃ H ₈ N ₃ O ₃	158.0566	C ₅ H ₈ N ₂ O ₄	160.0484	C ₆ H ₁₆ N ₃ O ₂	162.1244	C ₈ H ₁₀ N ₃ O	164.0825
C ₃ H ₁₀ N ₄ O ₂	158.0805	C ₅ H ₁₀ N ₃ O ₃	160.0723	C ₆ H ₁₈ N ₄ O	162.1482	C ₈ H ₁₂ N ₄	164.1063
C ₆ H ₈ NO ₄	158.0453	C ₅ H ₁₂ N ₄ O ₂	160.0961	C ₇ H ₆ N ₄ O	162.0542	C ₉ H ₈ O ₃	164.0473
C ₆ H ₁₀ N ₂ O ₃	158.0692	C ₆ H ₁₀ NO ₄	160.0610	C ₇ H ₁₄ O ₄	162.0892	C ₉ H ₁₀ NO ₂	164.0712
C ₆ H ₁₂ N ₃ O ₂	158.0930	C ₆ H ₁₂ N ₂ O ₃	160.0848	C ₇ H ₁₆ NO ₃	162.1131	C ₉ H ₁₂ N ₂ O	164.0950
C ₆ H ₁₄ N ₄ O	158.1169	C ₆ H ₁₄ N ₃ O ₂	160.1087	C ₇ H ₁₈ N ₂ O ₂	162.1369	C ₉ H ₁₄ N ₃	164.1189
C ₇ H ₁₀ O ₄	158.0579	C ₆ H ₁₆ N ₄ O	160.1325	C ₈ H ₆ N ₂ O ₂	162.0429	C ₁₀ H ₁₂ O ₂	164.0837
C ₇ H ₁₂ NO ₃	158.0817	C ₇ H ₁₂ O ₄	160.0735	C ₈ H ₈ N ₃ O	162.0668	C ₁₀ H ₁₄ NO	164.1076

APPENDIX A (Continued)

FM	FM	FM	FM
C ₁₀ H ₁₆ N ₂	164.1315	C ₇ H ₇ N ₂ O ₃	167.0457
C ₁₁ H ₁₆ O	164.1202	C ₇ H ₉ N ₃ O ₂	167.0695
C ₁₁ H ₁₈ N	164.1440	C ₇ H ₁₁ N ₄ O	167.0934
C ₁₂ H ₂₀	164.1566	C ₈ H ₇ O ₄	167.0344
165		C ₈ H ₉ NO ₃	167.0583
C ₅ H ₁₃ N ₂ O ₄	165.0876	C ₈ H ₁₁ N ₂ O ₂	167.0821
C ₅ H ₁₅ N ₃ O ₃	165.1114	C ₈ H ₁₃ N ₃ O	167.1060
C ₆ H ₅ N ₄ O ₂	165.0413	C ₈ H ₁₅ N ₄	167.1298
C ₆ H ₁₅ NO ₄	165.1001	C ₉ H ₁₁ O ₃	167.0708
C ₇ H ₅ N ₂ O ₃	165.0300	C ₉ H ₁₃ NO ₂	167.0947
C ₇ H ₇ N ₃ O ₂	165.0539	C ₉ H ₁₅ N ₂ O	167.1185
C ₇ H ₉ N ₄ O	165.0777	C ₉ H ₁₇ N ₃	167.1424
C ₈ H ₅ O ₄	165.0187	C ₁₀ H ₁₅ O ₂	167.1072
C ₈ H ₇ NO ₃	165.0426	C ₁₀ H ₁₇ NO	167.1311
C ₈ H ₉ N ₂ O ₂	165.0664	C ₁₀ H ₁₉ N ₂	167.1549
C ₈ H ₁₁ N ₃ O	165.0903	C ₁₁ H ₇ N ₂	167.0610
C ₈ H ₁₃ N ₄	165.1142	C ₁₁ H ₉ O	167.1436
C ₉ H ₆ O ₃	165.0552	C ₁₁ H ₂₁ N	167.1675
C ₉ H ₁₁ NO ₂	165.0790	C ₁₂ H ₉ N	167.0736
C ₉ H ₁₃ N ₂ O	165.1029	C ₁₂ H ₂₃	167.1801
C ₉ H ₁₅ N ₃	165.1267	C ₁₃ H ₁₁	167.0861
C ₁₀ H ₁₃ O ₂	165.0916	168	
C ₁₀ H ₁₅ NO	165.1154	C ₆ H ₄ N ₂ O ₄	168.0171
C ₁₀ H ₁₇ N ₂	165.1393	C ₆ H ₆ N ₃ O ₃	168.0410
C ₁₁ H ₁₇ O	165.1280	C ₆ H ₈ N ₄ O ₂	168.0648
C ₁₁ H ₁₉ N	165.1519	C ₇ H ₆ NO ₄	168.0297
C ₁₂ H ₇ N	165.0579	C ₇ H ₈ N ₂ O ₃	168.0535
C ₁₂ H ₂₁	165.1644	C ₇ H ₁₀ N ₃ O ₂	168.0774
C ₁₃ H ₉	165.0705	C ₇ H ₁₂ N ₄ O	168.1012
166		C ₈ H ₈ O ₄	168.0422
C ₃ H ₁₄ N ₂ O ₄	166.0954	C ₈ H ₁₀ NO ₃	168.0661
C ₆ H ₆ N ₃ O ₃	166.0253	C ₈ H ₁₂ N ₂ O ₂	168.0899
C ₆ H ₈ N ₄ O ₂	166.0491	C ₈ H ₁₄ N ₃ O	168.1138
C ₇ H ₆ N ₂ O ₃	166.0379	C ₈ H ₁₆ N ₄	168.1377
C ₇ H ₈ N ₃ O ₂	166.0617	C ₉ H ₁₂ O ₃	168.0786
C ₇ H ₁₀ N ₄ O	166.0856	C ₉ H ₁₄ NO ₂	168.1025
C ₈ H ₆ O ₄	166.0266	C ₉ H ₁₆ N ₂ O	168.1264
C ₈ H ₈ NO ₃	166.0504	C ₉ H ₁₈ N ₃	168.1502
C ₈ H ₁₀ N ₂ O ₂	166.0743	C ₁₀ H ₁₆ O ₂	168.1151
C ₈ H ₁₂ N ₃ O	166.0981	C ₁₀ H ₁₈ NO	168.1389
C ₈ H ₁₄ N ₄	166.1220	C ₁₀ H ₂₀ N ₂	168.1628
C ₉ H ₁₀ O ₃	166.0630	C ₁₁ H ₈ N ₂	168.0688
C ₉ H ₁₂ NO ₂	166.0868	C ₁₁ H ₂₀ O	168.1515
C ₉ H ₁₄ N ₂ O	166.1107	C ₁₁ H ₂₂ N	168.1753
C ₉ H ₁₆ N ₃	166.1346	C ₁₂ H ₈ O	168.0575
C ₁₀ H ₁₄ O ₂	166.0994	C ₁₂ H ₁₀ N	168.0814
C ₁₀ H ₁₆ NO	166.1233	C ₁₂ H ₂₄	168.1879
C ₁₀ H ₁₈ N ₂	166.1471	C ₁₃ H ₁₂	168.0939
C ₁₁ H ₁₈ O	166.1358	169	
C ₁₁ H ₂₀ N	166.1597	C ₆ H ₅ N ₂ O ₄	169.0249
C ₁₂ H ₈ N	166.0657	C ₆ H ₇ N ₃ O ₃	169.0488
C ₁₂ H ₂₂	166.1722	C ₆ H ₉ N ₄ O ₂	169.0726
C ₁₃ H ₁₀	166.0783	C ₇ H ₇ NO ₄	169.0375
167		C ₇ H ₉ N ₂ O ₃	169.0614
C ₆ H ₅ N ₃ O ₃	167.0331	C ₇ H ₁₁ N ₃ O ₂	169.0852
C ₆ H ₇ N ₄ O ₂	167.0570	C ₇ H ₁₃ N ₄ O	169.1091
C ₇ H ₅ NO ₄	167.0218	C ₈ H ₆ O ₄	169.0501
C ₈ H ₁₁ NO ₃	169.0739	C ₈ H ₁₃ N ₂ O ₂	169.0978
C ₈ H ₁₅ N ₃ O	169.1216	C ₈ H ₁₇ N ₄	169.1455
C ₉ H ₁₃ O ₃	169.0865	C ₉ H ₁₅ NO ₂	169.1103
C ₉ H ₁₇ N ₂ O	169.1342	C ₉ H ₁₉ N ₃	169.1580
C ₁₀ H ₁₇ N ₃	169.0641	C ₁₀ H ₁₇ O ₂	169.1229
C ₁₀ H ₁₉ NO	169.1467	C ₁₀ H ₂₁ N ₂	169.1706
C ₁₁ H ₇ NO	169.0528	C ₁₁ H ₉ N ₂	169.0767
C ₁₁ H ₂₁ O	169.1593	C ₁₁ H ₂₃ N	169.1832
C ₁₂ H ₉ O	169.0653	C ₁₂ H ₁₁ N	169.0892
C ₁₂ H ₂₅	169.1957	C ₁₃ H ₁₃	169.1018
170		C ₆ H ₆ N ₂ O ₄	170.0328
C ₆ H ₈ N ₃ O ₃	170.0566	C ₆ H ₁₀ N ₄ O ₂	170.0805
C ₆ H ₁₀ N ₄ O ₂	170.0805	C ₇ H ₁₀ N ₂ O ₃	170.0692
C ₇ H ₈ NO ₄	170.0453	C ₇ H ₁₂ N ₃ O ₂	170.0930
C ₇ H ₁₀ N ₂ O ₃	170.0692	C ₇ H ₁₄ N ₄ O	170.1169
C ₇ H ₁₂ N ₃ O ₂	170.0930	C ₈ H ₁₀ O ₄	170.0579
C ₇ H ₁₄ N ₄ O	170.1169	C ₈ H ₁₂ NO ₃	170.0817
C ₈ H ₁₀ O ₄	170.0579	C ₈ H ₁₄ N ₂ O ₂	170.1056
C ₈ H ₁₂ N ₃ O	170.0817	C ₈ H ₁₆ N ₃ O	170.1295
C ₈ H ₁₄ N ₂ O ₂	170.1056	C ₈ H ₁₈ N ₄	170.1533
C ₈ H ₁₆ N ₃ O	170.1295	C ₉ H ₆ N ₄	170.0594
C ₈ H ₁₈ N ₄	170.1533	C ₉ H ₁₄ O ₃	170.0943
C ₉ H ₆ N ₄	170.0594	C ₉ H ₁₆ NO ₂	170.1182
C ₉ H ₁₄ O ₃	170.0943	C ₉ H ₁₈ N ₂ O	170.1420
C ₉ H ₁₆ NO ₂	170.1182	C ₉ H ₂₀ N ₃	170.1659
C ₉ H ₁₈ N ₂ O	170.1420	C ₁₀ H ₆ N ₂ O	170.0480
C ₉ H ₂₀ N ₃	170.1659	C ₁₀ H ₈ N ₃	170.0719
C ₁₀ H ₆ N ₂ O	170.0480	C ₁₀ H ₁₈ O ₂	170.1307
C ₁₀ H ₈ N ₃	170.0719	C ₁₀ H ₂₀ NO	170.1546
C ₁₀ H ₁₈ O ₂	170.1307	C ₁₀ H ₂₂ N ₂	170.1784
C ₁₀ H ₂₀ NO	170.1546	C ₁₁ H ₈ NO	170.0606
C ₁₀ H ₂₂ N ₂	170.1784	C ₁₁ H ₁₀ N ₂	170.0845
C ₁₁ H ₈ NO	170.0606	C ₁₁ H ₂₂ O	170.1671
C ₁₁ H ₁₀ N ₂	170.0845	C ₁₁ H ₂₄ N	170.1910
C ₁₁ H ₂₂ O	170.1671	C ₁₂ H ₁₀ O	170.0732
C ₁₁ H ₂₄ N	170.1910	C ₁₂ H ₁₂ N	170.0970
C ₁₂ H ₁₀ O	170.0732	C ₁₂ H ₂₆	170.2036
C ₁₂ H ₁₂ N	170.0970	C ₁₃ H ₁₄	170.1096
C ₁₂ H ₂₆	170.2036	171	
C ₁₃ H ₁₄	170.1096	C ₆ H ₇ N ₂ O ₄	171.0406
171		C ₆ H ₉ N ₃ O ₃	171.0644
C ₆ H ₇ N ₂ O ₄	171.0406	C ₆ H ₁₁ N ₄ O ₂	171.0883
C ₆ H ₉ N ₃ O ₃	171.0644	C ₇ H ₉ NO ₄	171.0532
C ₆ H ₁₁ N ₄ O ₂	171.0883	C ₇ H ₁₁ N ₂ O ₃	171.0770
C ₇ H ₉ NO ₄	171.0532	C ₇ H ₁₃ N ₃ O ₂	171.1009
C ₇ H ₁₁ N ₂ O ₃	171.0770	C ₇ H ₁₅ N ₄ O	171.1247
C ₇ H ₁₃ N ₃ O ₂	171.1009	C ₈ H ₁₁ O ₄	171.0657
C ₇ H ₁₅ N ₄ O	171.1247	C ₈ H ₁₃ NO ₃	171.0896
C ₈ H ₁₁ O ₄	171.0657	C ₈ H ₁₅ N ₂ O ₂	171.1134
C ₈ H ₁₃ NO ₃	171.0896	C ₈ H ₁₇ N ₃ O	171.1373
C ₈ H ₁₅ N ₂ O ₂	171.1134	C ₈ H ₁₉ N ₄	171.1611
C ₈ H ₁₇ N ₃ O	171.1373	C ₉ H ₅ N ₃ O	171.0433
C ₈ H ₁₉ N ₄	171.1611	C ₉ H ₇ N ₄	171.0672
C ₉ H ₅ N ₃ O	171.0433	C ₉ H ₁₅ O ₃	171.1021
C ₉ H ₇ N ₄	171.0672	C ₉ H ₁₇ NO ₂	171.1260
C ₉ H ₁₅ O ₃	171.1021	C ₉ H ₁₉ N ₂ O	171.1498
C ₉ H ₁₇ NO ₂	171.1260	C ₉ H ₂₁ N ₃	171.1737
C ₉ H ₁₉ N ₂ O	171.1498	C ₁₀ H ₇ N ₂ O	171.0559
C ₉ H ₂₁ N ₃	171.1737	C ₁₀ H ₉ N ₃	171.0798
C ₁₀ H ₇ N ₂ O	171.0559	C ₁₀ H ₁₉ O ₂	171.1385
C ₁₀ H ₉ N ₃	171.0798	C ₁₀ H ₂₁ NO	171.1624
C ₁₀ H ₁₉ O ₂	171.1385	C ₁₀ H ₂₃ N ₂	171.1863
C ₁₀ H ₂₁ NO	171.1624	C ₁₁ H ₇ O ₂	171.0446
C ₁₀ H ₂₃ N ₂	171.1863	C ₁₁ H ₉ NO	171.0684
C ₁₁ H ₇ O ₂	171.0446	C ₁₁ H ₁₁ N ₂	171.0923
C ₁₁ H ₉ NO	171.0684	C ₁₁ H ₂₃ O	171.1750
C ₁₁ H ₁₁ N ₂	171.0923	C ₁₁ H ₂₅ N	171.1988
C ₁₁ H ₂₃ O	171.1750	C ₁₂ H ₁₁ O	171.0810
C ₁₁ H ₂₅ N	171.1988	C ₁₂ H ₁₃ N	171.1049
C ₁₂ H ₁₁ O	171.0810	C ₁₃ H ₁₅	171.1174
C ₁₂ H ₁₃ N	171.1049	172	
C ₁₃ H ₁₅	171.1174	C ₆ H ₈ N ₂ O ₄	172.0484
172		C ₆ H ₁₀ N ₃ O ₃	172.0723
C ₆ H ₈ N ₂ O ₄	172.0484	C ₆ H ₁₂ N ₄ O ₂	172.0961
C ₆ H ₁₀ N ₃ O ₃	172.0723	C ₇ H ₁₀ NO ₄	172.0610
C ₆ H ₁₂ N ₄ O ₂	172.0961	C ₇ H ₁₂ N ₂ O ₃	172.0848
C ₇ H ₁₀ NO ₄	172.0610	C ₇ H ₁₄ N ₃ O ₂	172.1087
C ₇ H ₁₂ N ₂ O ₃	172.0848	C ₇ H ₁₆ N ₄ O	172.1325
C ₇ H ₁₄ N ₃ O ₂	172.1087	C ₈ H ₁₂ O ₄	172.0735
C ₇ H ₁₆ N ₄ O	172.1325	C ₈ H ₁₄ NO ₃	172.0974
C ₈ H ₁₂ O ₄	172.0735	C ₈ H ₁₆ N ₂ O ₂	172.1213
C ₈ H ₁₄ NO ₃	172.0974	C _{8</}	

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₁₃ H ₁₆	172.1253	C ₁₁ H ₁₂ NO	174.0919	C ₁₁ H ₁₂ O ₂	176.0837	C ₁₂ H ₂₀ N	178.1597
173		C ₁₁ H ₁₄ N ₂	174.1158	C ₁₁ H ₁₄ NO	176.1076	C ₁₃ H ₈ N	178.0657
C ₆ H ₉ N ₂ O ₄	173.0563	C ₁₂ H ₁₄ O	174.1045	C ₁₁ H ₁₆ N ₂	176.1315	C ₁₃ H ₂₂	178.1722
C ₆ H ₁₁ N ₃ O ₃	173.0801	C ₁₂ H ₁₆ N	174.1284	C ₁₂ H ₁₆ O	176.1202	C ₁₄ H ₁₀	178.0783
C ₆ H ₁₃ N ₄ O ₂	173.1040	C ₁₃ H ₁₈	174.1409	C ₁₂ H ₁₈ N	176.1440	179	
C ₇ H ₁₁ NO ₄	173.0688	175		C ₁₃ H ₂₀	176.1566	C ₆ H ₁₅ N ₂ O ₄	179.1032
C ₇ H ₁₃ N ₂ O ₃	173.0927	C ₆ H ₁₁ N ₂ O ₄	175.0719	177		C ₆ H ₁₇ N ₃ O ₃	179.1271
C ₇ H ₁₅ N ₃ O ₂	173.1165	C ₆ H ₁₃ N ₃ O ₃	175.0958	C ₆ H ₁₃ N ₂ O ₄	177.0876	C ₇ H ₅ N ₃ O ₃	179.0331
C ₇ H ₁₇ N ₄ O	173.1404	C ₆ H ₁₅ N ₄ O ₂	175.1196	C ₆ H ₁₅ N ₃ O ₃	177.1114	C ₇ H ₇ N ₄ O ₂	179.0570
C ₈ H ₁₃ O ₄	173.0814	C ₇ H ₁₃ NO ₄	175.0845	C ₆ H ₁₇ N ₄ O ₂	177.1353	C ₇ H ₁₇ NO ₄	179.1158
C ₈ H ₁₅ NO ₃	173.1052	C ₇ H ₁₅ N ₂ O ₃	175.1083	C ₇ H ₅ N ₄ O ₂	177.0413	C ₈ H ₅ NO ₄	179.0218
C ₈ H ₁₇ N ₂ O ₂	173.1291	C ₇ H ₁₇ N ₃ O ₂	175.1322	C ₇ H ₁₅ NO ₄	177.1001	C ₈ H ₇ N ₂ O ₃	179.0457
C ₈ H ₁₉ N ₃ O	173.1529	C ₇ H ₁₉ N ₄ O	175.1560	C ₇ H ₁₇ N ₂ O ₃	177.1240	C ₈ H ₉ N ₃ O ₂	179.0695
C ₈ H ₂₁ N ₄	173.1768	C ₈ H ₇ N ₄ O	175.0621	C ₇ H ₁₉ N ₃ O ₂	177.1478	C ₈ H ₁₁ N ₄ O	179.0934
C ₉ H ₇ N ₃ O	173.0590	C ₈ H ₁₅ O ₄	175.0970	C ₈ H ₅ N ₂ O ₃	177.0300	C ₉ H ₇ O ₄	179.0344
C ₉ H ₉ N ₄	173.0829	C ₈ H ₁₇ NO ₃	175.1209	C ₈ H ₇ N ₃ O ₂	177.0539	C ₉ H ₉ NO ₃	179.0583
C ₉ H ₁₇ O ₃	173.1178	C ₈ H ₁₉ N ₂ O ₂	175.1447	C ₈ H ₉ N ₄ O	177.0777	C ₉ H ₁₁ N ₂ O ₂	179.0821
C ₉ H ₁₉ NO ₂	173.1416	C ₈ H ₂₁ N ₃ O	175.1686	C ₈ H ₁₇ O ₄	177.1127	C ₉ H ₁₃ N ₃ O	179.1060
C ₉ H ₂₁ N ₂ O	173.1655	C ₉ H ₅ NO ₃	175.0269	C ₈ H ₁₉ NO ₃	177.1365	C ₉ H ₁₅ N ₄	179.1298
C ₁₀ H ₅ O ₃	173.0238	C ₉ H ₇ N ₂ O ₂	175.0508	C ₉ H ₇ NO ₃	177.0426	C ₁₀ H ₁₁ O ₃	179.0708
C ₁₀ H ₇ NO ₂	173.0477	C ₉ H ₉ N ₃ O	175.0746	C ₉ H ₉ N ₂ O ₂	177.0664	C ₁₀ H ₁₃ NO ₂	179.0947
C ₁₀ H ₉ N ₂ O	173.0715	C ₉ H ₁₁ N ₄	175.0985	C ₉ H ₁₁ N ₃ O	177.0903	C ₁₀ H ₁₅ N ₂ O	179.1185
C ₁₀ H ₁₁ N ₃	173.0954	C ₉ H ₁₉ O ₃	175.1334	C ₉ H ₁₃ N ₄	177.1142	C ₁₀ H ₁₇ N ₃	179.1424
C ₁₀ H ₂₁ O ₂	173.1542	C ₉ H ₂₁ NO ₂	175.1573	C ₁₀ H ₉ O ₃	177.0552	C ₁₁ H ₁₅ O ₂	179.1072
C ₁₀ H ₂₃ NO	173.1781	C ₁₀ H ₇ O ₃	175.0395	C ₁₀ H ₁₁ NO ₂	177.0790	C ₁₁ H ₁₇ NO	179.1311
C ₁₁ H ₆ O ₂	173.0603	C ₁₀ H ₉ NO ₂	175.0634	C ₁₀ H ₁₃ N ₂ O	177.1029	C ₁₁ H ₁₉ N ₂	179.1549
C ₁₁ H ₁₁ NO	173.0841	C ₁₀ H ₁₁ N ₂ O	175.0872	C ₁₀ H ₁₅ N ₃	177.1267	C ₁₂ H ₁₉ O	179.1436
C ₁₁ H ₁₃ N ₂	173.1080	C ₁₀ H ₁₃ N ₃	175.1111	C ₁₁ H ₁₃ O ₂	177.0916	C ₁₂ H ₂₁ N	179.1675
C ₁₂ H ₁₃ O	173.0967	C ₁₁ H ₁₁ O ₂	175.0759	C ₁₁ H ₁₅ NO	177.1154	C ₁₃ H ₉ N	179.0736
C ₁₂ H ₁₅ NO ₂	173.1205	C ₁₁ H ₁₃ NO	175.0998	C ₁₁ H ₁₇ N ₂	177.1393	C ₁₃ H ₂₃	179.1801
C ₁₃ H ₁₇	173.1331	C ₁₁ H ₁₅ N ₂	175.1236	C ₁₂ H ₁₇ O	177.1280	C ₁₄ H ₁₁	179.0861
174		C ₁₂ H ₁₅ O	175.1123	C ₁₂ H ₁₉ N	177.1519	180	
C ₆ H ₁₀ N ₂ O ₄	174.0641	C ₁₂ H ₁₇ N	175.1362	C ₁₃ H ₂₁	177.1644	C ₆ H ₁₆ N ₂ O ₄	180.1111
C ₆ H ₁₂ N ₃ O ₃	174.0879	C ₁₃ H ₃ O	175.0184	178		C ₇ H ₆ N ₃ O ₃	180.0410
C ₆ H ₁₄ N ₄ O ₂	174.1118	C ₁₃ H ₁₉	175.1488	C ₆ H ₁₄ N ₂ O ₄	178.0954	C ₇ H ₈ N ₄ O ₂	180.0648
C ₇ H ₁₂ NO ₄	174.0766	176		C ₆ H ₁₆ N ₃ O ₃	178.1193	C ₈ H ₆ NO ₄	180.0297
C ₇ H ₁₄ N ₂ O ₃	174.1005	C ₆ H ₁₂ N ₂ O ₄	176.0797	C ₆ H ₁₈ N ₄ O ₂	178.1431	C ₈ H ₈ N ₂ O ₃	180.0535
C ₇ H ₁₆ N ₃ O ₂	174.1244	C ₆ H ₁₄ N ₃ O ₃	176.1036	C ₇ H ₆ N ₄ O ₂	178.0491	C ₈ H ₁₀ N ₃ O ₂	180.0774
C ₇ H ₁₈ N ₄ O	174.1482	C ₆ H ₁₆ N ₄ O ₂	176.1275	C ₇ H ₁₆ NO ₄	178.1080	C ₈ H ₁₂ N ₄ O	180.1012
C ₇ H ₁₆ N ₄ O	174.1244	C ₇ H ₁₄ NO ₄	176.0923	C ₇ H ₁₈ N ₂ O ₃	178.1318	C ₉ H ₈ O ₄	180.0422
C ₈ H ₆ N ₄ O	174.0542	C ₇ H ₁₆ N ₂ O ₃	176.1162	C ₈ H ₆ N ₂ O ₃	178.0379	C ₉ H ₁₀ NO ₃	180.0661
C ₈ H ₁₄ O ₄	174.0892	C ₇ H ₁₈ N ₃ O ₂	176.1400	C ₈ H ₈ N ₃ O ₂	178.0617	C ₉ H ₁₂ N ₂ O ₂	180.0899
C ₈ H ₁₆ NO ₃	174.1131	C ₇ H ₂₀ N ₄ O	176.1639	C ₈ H ₁₀ N ₄ O	178.0856	C ₉ H ₁₄ N ₃ O	180.1138
C ₈ H ₁₈ N ₂ O ₂	174.1369	C ₈ H ₆ N ₃ O ₂	176.0460	C ₈ H ₁₈ O ₄	178.1205	C ₉ H ₁₆ N ₄	180.1377
C ₈ H ₂₀ N ₃ O	174.1608	C ₈ H ₈ N ₄ O	176.0699	C ₉ H ₆ O ₄	178.0266	C ₁₀ H ₁₂ O ₃	180.0786
C ₈ H ₂₂ N ₄	174.1846	C ₈ H ₁₆ O ₄	176.1049	C ₉ H ₈ NO ₃	178.0504	C ₁₀ H ₁₄ NO ₂	180.1025
C ₉ H ₆ N ₂ O ₂	174.0429	C ₈ H ₁₈ NO ₃	176.1287	C ₉ H ₁₀ N ₂ O ₂	178.0743	C ₁₀ H ₁₆ N ₂ O	180.1264
C ₉ H ₁₀ N ₄	174.0907	C ₈ H ₂₀ N ₂ O ₂	176.1526	C ₉ H ₁₂ N ₃ O	178.0981	C ₁₀ H ₁₈ N ₃	180.1502
C ₉ H ₁₈ O ₃	174.1256	C ₉ H ₆ NO ₃	176.0348	C ₉ H ₁₄ N ₄	178.1220	C ₁₁ H ₁₆ O ₂	180.1151
C ₉ H ₂₀ NO ₂	174.1495	C ₉ H ₈ N ₂ O ₂	176.0586	C ₁₀ H ₁₀ O ₃	178.0630	C ₁₁ H ₁₈ NO	180.1389
C ₉ H ₂₂ N ₂ O	174.1733	C ₉ H ₁₀ N ₃ O	176.0825	C ₁₀ H ₁₂ NO ₂	178.0868	C ₁₁ H ₂₀ N ₂	180.1628
C ₁₀ H ₆ O ₃	174.0317	C ₉ H ₁₂ N ₄	176.1063	C ₁₀ H ₁₄ N ₂ O	178.1107	C ₁₂ H ₈ N ₂	180.0688
C ₁₀ H ₈ NO ₂	174.0555	C ₉ H ₂₀ O ₃	176.1413	C ₁₀ H ₁₆ N ₃	178.1346	C ₁₂ H ₂₀ O	180.1515
C ₁₀ H ₁₀ N ₂ O	174.0794	C ₁₀ H ₈ O ₃	176.0473	C ₁₁ H ₁₄ O ₂	178.0994	C ₁₂ H ₂₂ N	180.1753
C ₁₀ H ₁₂ N ₃	174.1032	C ₁₀ H ₁₀ NO ₂	176.0712	C ₁₁ H ₁₆ NO	178.1233	C ₁₃ H ₆ O	180.0575
C ₁₀ H ₂₂ O ₂	174.1620	C ₁₀ H ₁₂ N ₂ O	176.0950	C ₁₁ H ₁₈ N ₂	178.1471	C ₁₃ H ₁₀ N	180.0814
C ₁₁ H ₁₀ O ₂	174.0681	C ₁₀ H ₁₄ N ₃	176.1189	C ₁₂ H ₁₈ O	178.1358	C ₁₃ H ₂₄	180.1879

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₁₄ H ₁₂	180.0939	C ₁₃ H ₁₂ N	182.0970	C ₁₁ H ₂₂ NO	184.1702	C ₁₀ H ₈ N ₃ O	186.0668
181		C ₁₃ H ₂₆	182.2036	C ₁₁ H ₂₄ N ₂	184.1941	C ₁₀ H ₁₀ N ₄	186.0907
C ₇ H ₅ N ₂ O ₄	181.0249	C ₁₄ H ₁₄	182.1096	C ₁₂ H ₈ O ₂	184.0524	C ₁₀ H ₁₈ O ₃	186.1256
C ₇ H ₇ N ₃ O ₃	181.0488	183		C ₁₂ H ₁₀ NO	184.0763	C ₁₀ H ₂₀ NO ₂	186.1495
C ₇ H ₉ N ₄ O ₂	181.0726	C ₇ H ₇ N ₂ O ₄	183.0406	C ₁₂ H ₁₂ N ₂	184.1001	C ₁₀ H ₂₂ N ₂ O	186.1733
C ₈ H ₉ NO ₄	181.0375	C ₇ H ₉ N ₃ O ₃	183.0644	C ₁₂ H ₂₄ O	184.1828	C ₁₀ H ₂₄ N ₃	186.1972
C ₈ H ₉ N ₂ O ₃	181.0614	C ₇ H ₁₁ N ₄ O ₂	183.0883	C ₁₂ H ₂₆ N	184.2067	C ₁₁ H ₈ NO ₂	186.0555
C ₈ H ₁₁ N ₃ O ₂	181.0852	C ₈ H ₉ NO ₄	183.0532	C ₁₃ H ₁₂ O	184.0888	C ₁₁ H ₁₀ N ₂ O	186.0794
C ₈ H ₁₃ N ₄ O	181.1091	C ₈ H ₁₁ N ₂ O ₃	183.0770	C ₁₃ H ₁₄ N	184.1127	C ₁₁ H ₁₂ N ₃	186.1032
C ₉ H ₉ O ₄	181.0501	C ₈ H ₁₃ N ₃ O ₂	183.1009	C ₁₃ H ₂₈	184.2192	C ₁₁ H ₂₂ O ₂	186.1620
C ₉ H ₁₁ NO ₃	181.0739	C ₈ H ₁₅ N ₄ O	183.1247	C ₁₄ H ₁₆	184.1253	C ₁₁ H ₂₄ NO	186.1859
C ₉ H ₁₃ N ₂ O ₂	181.0978	C ₉ H ₁₁ O ₄	183.0657	185		C ₁₁ H ₂₆ N ₂	186.2098
C ₉ H ₁₅ N ₃ O	181.1216	C ₉ H ₁₃ NO ₃	183.0896	C ₇ H ₉ N ₂ O ₄	185.0563	C ₁₂ H ₁₀ O ₂	186.0681
C ₉ H ₁₇ N ₄	181.1455	C ₉ H ₁₅ N ₂ O ₂	183.1134	C ₇ H ₁₁ N ₃ O ₃	185.0801	C ₁₂ H ₁₂ NO	186.0919
C ₁₀ H ₁₃ O ₃	181.0865	C ₉ H ₁₇ N ₃ O	183.1373	C ₇ H ₁₃ N ₄ O ₂	185.1040	C ₁₂ H ₁₄ N ₂	186.1158
C ₁₀ H ₁₅ NO ₂	181.1103	C ₉ H ₁₉ N ₄	183.1611	C ₈ H ₁₁ NO ₄	185.0688	C ₁₂ H ₂₆ O	186.1985
C ₁₀ H ₁₇ N ₂ O	181.1342	C ₁₀ H ₇ N ₄	183.0672	C ₈ H ₁₃ N ₂ O ₃	185.0927	C ₁₃ H ₁₄ O	186.1045
C ₁₀ H ₁₉ N ₃	181.1580	C ₁₀ H ₁₅ O ₃	183.1021	C ₈ H ₁₅ N ₃ O ₂	185.1165	C ₁₃ H ₁₆ N	186.1284
C ₁₁ H ₇ N ₃	181.0641	C ₁₀ H ₁₇ NO ₂	183.1260	C ₈ H ₁₇ N ₄ O	185.1404	C ₁₄ H ₁₈	186.1409
C ₁₁ H ₁₇ O ₂	181.1229	C ₁₀ H ₁₉ N ₂ O	183.1498	C ₉ H ₁₃ O ₄	185.0814	187	
C ₁₁ H ₁₉ NO	181.1467	C ₁₀ H ₂₁ N ₃	183.1737	C ₉ H ₁₅ NO ₃	185.1052	C ₇ H ₁₁ N ₂ O ₄	187.0719
C ₁₁ H ₂₁ N ₂	181.1706	C ₁₁ H ₇ N ₂ O	183.0559	C ₉ H ₁₇ N ₂ O ₂	185.1291	C ₇ H ₁₃ N ₃ O ₃	187.0958
C ₁₂ H ₇ NO	181.0528	C ₁₁ H ₉ N ₃	183.0798	C ₉ H ₁₉ N ₃ O	185.1529	C ₇ H ₁₅ N ₄ O ₂	187.1196
C ₁₂ H ₉ N ₂	181.0767	C ₁₁ H ₁₉ O ₂	183.1385	C ₉ H ₂₁ N ₄	185.1768	C ₈ H ₁₃ NO ₄	187.0845
C ₁₂ H ₂₁ O	181.1593	C ₁₁ H ₂₁ NO	183.1624	C ₁₀ H ₇ N ₃ O	185.0590	C ₈ H ₁₅ N ₂ O ₃	187.1083
C ₁₂ H ₂₃ N	181.1832	C ₁₁ H ₂₃ N ₂	183.1863	C ₁₀ H ₉ N ₄	185.0829	C ₈ H ₁₇ N ₃ O ₂	187.1322
C ₁₃ H ₉ O	181.0653	C ₁₂ H ₇ O ₂	183.0446	C ₁₀ H ₁₇ O ₃	185.1178	C ₈ H ₁₉ N ₄ O	187.1560
C ₁₃ H ₁₁ N	181.0892	C ₁₂ H ₉ NO	183.0684	C ₁₀ H ₁₉ NO ₂	185.1416	C ₉ H ₇ N ₄ O	187.0621
C ₁₃ H ₂₅	181.1957	C ₁₂ H ₁₁ N ₂	183.0923	C ₁₀ H ₂₁ N ₂ O	185.1655	C ₉ H ₁₅ O ₄	187.0970
C ₁₄ H ₁₃	181.1018	C ₁₂ H ₂₃ O	183.1750	C ₁₀ H ₂₃ N ₃	185.1894	C ₉ H ₁₇ NO ₃	187.1209
182		C ₁₂ H ₂₅ N	183.1988	C ₁₁ H ₉ N ₂ O	185.0715	C ₉ H ₁₉ N ₂ O ₂	187.1447
C ₇ H ₆ N ₂ O ₄	182.0328	C ₁₃ H ₁₁ O	183.0810	C ₁₁ H ₁₁ N ₃	185.0954	C ₉ H ₂₁ N ₃ O	187.1686
C ₇ H ₈ N ₃ O ₃	182.0566	C ₁₃ H ₁₃ N	183.1049	C ₁₁ H ₂₁ O ₂	185.1542	C ₉ H ₂₃ N ₄	187.1925
C ₇ H ₁₀ N ₄ O ₂	182.0805	C ₁₃ H ₂₇	183.2114	C ₁₁ H ₂₃ NO	185.1781	C ₁₀ H ₇ N ₂ O ₂	187.0508
C ₈ H ₈ NO ₄	182.0453	C ₁₄ H ₁₅	183.1174	C ₁₁ H ₂₅ N ₂	185.2019	C ₁₀ H ₉ N ₃ O	187.0746
C ₈ H ₁₀ N ₂ O ₃	182.0692	184		C ₁₂ H ₉ O ₂	185.0603	C ₁₀ H ₁₁ N ₄	187.0985
C ₈ H ₁₂ N ₃ O ₂	182.0930	C ₇ H ₈ N ₂ O ₄	184.0484	C ₁₂ H ₁₁ NO	185.0841	C ₁₀ H ₁₉ O ₃	187.1334
C ₈ H ₁₄ N ₄ O	182.1169	C ₇ H ₁₀ N ₃ O ₃	184.0723	C ₁₂ H ₁₃ N ₂	185.1080	C ₁₀ H ₂₁ NO ₂	187.1573
C ₉ H ₁₀ O ₄	182.0579	C ₇ H ₁₂ N ₄ O ₂	184.0961	C ₁₂ H ₂₅ O	185.1906	C ₁₀ H ₂₃ N ₂ O	187.1811
C ₉ H ₁₂ NO ₃	182.0817	C ₈ H ₁₀ NO ₄	184.0610	C ₁₂ H ₂₇ N	185.2145	C ₁₀ H ₂₅ N ₃	187.2050
C ₉ H ₁₄ N ₂ O ₂	182.1056	C ₈ H ₁₂ N ₂ O ₃	184.0848	C ₁₃ H ₁₃ O	185.0967	C ₁₁ H ₇ O ₃	187.0395
C ₉ H ₁₆ N ₃ O	182.1295	C ₈ H ₁₄ N ₃ O ₂	184.1087	C ₁₃ H ₁₅ N	185.1205	C ₁₁ H ₉ NO ₂	187.0634
C ₉ H ₁₈ N ₄	182.1533	C ₈ H ₁₆ N ₄ O	184.1325	C ₁₄ H ₁₇	185.1331	C ₁₁ H ₁₁ N ₂ O	187.0872
C ₁₀ H ₆ N ₄	182.0594	C ₉ H ₁₂ O ₄	184.0735	186		C ₁₁ H ₁₃ N ₃	187.1111
C ₁₀ H ₁₄ O ₃	182.0943	C ₉ H ₁₄ NO ₃	184.0974	C ₇ H ₁₀ N ₂ O ₄	186.0641	C ₁₁ H ₂₃ O ₂	187.1699
C ₁₀ H ₁₆ NO ₂	182.1182	C ₉ H ₁₆ N ₂ O ₂	184.1213	C ₇ H ₁₂ N ₃ O ₃	186.0879	C ₁₁ H ₂₅ NO	187.1937
C ₁₀ H ₁₈ N ₂ O	182.1420	C ₉ H ₁₈ N ₃ O	184.1451	C ₇ H ₁₄ N ₄ O ₂	186.1118	C ₁₂ H ₁₁ O ₂	187.0759
C ₁₀ H ₂₀ N ₃	182.1659	C ₉ H ₂₀ N ₄	184.1690	C ₈ H ₁₂ NO ₄	186.0766	C ₁₂ H ₁₃ NO	187.0998
C ₁₁ H ₈ N ₃	182.0719	C ₁₀ H ₆ N ₃ O	184.0511	C ₈ H ₁₄ N ₂ O ₃	186.1005	C ₁₂ H ₁₅ N ₂	187.1236
C ₁₁ H ₁₈ O ₂	182.1307	C ₁₀ H ₈ N ₄	184.0750	C ₈ H ₁₆ N ₃ O ₂	186.1244	C ₁₃ H ₁₅ O	187.1123
C ₁₁ H ₂₀ NO	182.1546	C ₁₀ H ₁₆ O ₃	184.1100	C ₈ H ₁₈ N ₄ O	186.1482	C ₁₃ H ₁₇ N	187.1362
C ₁₁ H ₂₂ N ₂	182.1784	C ₁₀ H ₁₈ NO ₂	184.1338	C ₉ H ₆ N ₄ O	186.0542	C ₁₄ H ₁₉	187.1488
C ₁₂ H ₈ NO	182.0606	C ₁₀ H ₂₀ N ₂ O	184.1577	C ₉ H ₁₄ O ₄	186.0892	188	
C ₁₂ H ₁₀ N ₂	182.0845	C ₁₀ H ₂₂ N ₃	184.1815	C ₉ H ₁₆ NO ₃	186.1131	C ₇ H ₁₂ N ₂ O ₄	188.0797
C ₁₂ H ₂₂ O	182.1671	C ₁₁ H ₈ N ₂ O	184.0637	C ₉ H ₁₈ N ₂ O ₂	186.1369	C ₇ H ₁₄ N ₃ O ₃	188.1036
C ₁₂ H ₂₄ N	182.1910	C ₁₁ H ₁₀ N ₃	184.0876	C ₉ H ₂₀ N ₃ O	186.1608	C ₇ H ₁₆ N ₄ O ₂	188.1275
C ₁₃ H ₁₀ O	182.0732	C ₁₁ H ₂₀ O ₂	184.1464	C ₁₀ H ₆ N ₂ O ₂	186.0429	C ₈ H ₁₄ NO ₄	188.0923

APPENDIX A (Continued)

FM	FM	FM	FM
C ₈ H ₁₆ N ₂ O ₃ 188.1162	190	C ₁₄ H ₉ N 191.0736	C ₁₃ H ₂₁ O 193.1593
C ₈ H ₁₈ N ₃ O ₂ 188.1400	C ₇ H ₁₄ N ₂ O ₄ 190.0954	C ₁₄ H ₂₃ 191.1801	C ₁₃ H ₂₃ N 193.1832
C ₉ H ₂₀ N ₄ O 188.1639	C ₇ H ₁₆ N ₃ O ₃ 190.1193	C ₁₅ H ₁₁ 191.0861	C ₁₄ H ₉ O 193.0653
C ₉ H ₆ N ₃ O ₂ 188.0460	C ₇ H ₁₈ N ₄ O ₂ 190.1431	192	C ₁₄ H ₁₁ N 193.0892
C ₉ H ₈ N ₄ O 188.0699	C ₈ H ₆ N ₄ O ₂ 190.0491	C ₇ H ₁₆ N ₂ O ₄ 192.1111	C ₁₄ H ₂₅ 193.1957
C ₉ H ₁₆ O ₄ 188.1049	C ₈ H ₁₆ NO ₄ 190.1080	C ₇ H ₁₈ N ₃ O ₃ 192.1349	C ₁₅ H ₁₃ 193.1018
C ₉ H ₁₈ NO ₃ 188.1287	C ₈ H ₁₈ N ₂ O ₃ 190.1318	C ₇ H ₂₀ N ₄ O ₂ 192.1588	194
C ₉ H ₂₀ N ₂ O ₂ 188.1526	C ₈ H ₂₀ N ₃ O ₂ 190.1557	C ₈ H ₆ N ₃ O ₃ 192.0410	C ₇ H ₁₈ N ₂ O ₄ 194.1267
C ₉ H ₂₂ N ₃ O 188.1764	C ₈ H ₂₂ N ₄ O 190.1795	C ₈ H ₈ N ₄ O ₂ 192.0648	C ₈ H ₆ N ₂ O ₄ 194.0328
C ₉ H ₂₄ N ₄ 188.2003	C ₉ H ₈ N ₃ O ₂ 190.0617	C ₈ H ₁₈ NO ₄ 192.1236	C ₈ H ₈ N ₃ O ₃ 194.0566
C ₁₀ H ₈ N ₂ O ₂ 188.0586	C ₉ H ₁₀ N ₄ O 190.0856	C ₈ H ₂₀ N ₂ O ₃ 192.1475	C ₈ H ₁₀ N ₄ O ₂ 194.0805
C ₁₀ H ₁₀ N ₃ O 188.0825	C ₉ H ₁₈ O ₄ 190.1205	C ₉ H ₆ NO ₄ 192.0297	C ₉ H ₈ NO ₄ 194.0453
C ₁₀ H ₁₂ N ₄ 188.1063	C ₉ H ₂₀ NO ₃ 190.1444	C ₉ H ₈ N ₂ O ₃ 192.0535	C ₉ H ₁₀ N ₂ O ₃ 194.0692
C ₁₀ H ₂₀ O ₃ 188.1413	C ₉ H ₂₂ N ₂ O ₂ 190.1682	C ₉ H ₁₀ N ₃ O ₂ 192.0774	C ₉ H ₁₂ N ₃ O ₂ 194.0930
C ₁₀ H ₂₂ NO ₂ 188.1651	C ₁₀ H ₈ NO ₃ 190.0504	C ₉ H ₁₂ N ₄ O 192.1012	C ₉ H ₁₄ N ₄ O 194.1169
C ₁₀ H ₂₄ N ₂ O 188.1890	C ₁₀ H ₁₀ N ₂ O ₂ 190.0743	C ₉ H ₂₀ O ₄ 192.1362	C ₁₀ H ₁₀ O ₄ 194.0579
C ₁₁ H ₈ O ₃ 188.0473	C ₁₀ H ₁₂ N ₃ O 190.0981	C ₁₀ H ₈ O ₄ 192.0422	C ₁₀ H ₁₂ NO ₃ 194.0817
C ₁₁ H ₁₀ NO ₂ 188.0712	C ₁₀ H ₁₄ N ₄ 190.1220	C ₁₀ H ₁₀ NO ₃ 192.0661	C ₁₀ H ₁₄ N ₂ O ₂ 194.1056
C ₁₁ H ₁₂ N ₂ O 188.0950	C ₁₀ H ₂₂ O ₃ 190.1569	C ₁₀ H ₁₂ N ₂ O ₂ 192.0899	C ₁₀ H ₁₆ N ₃ O 194.1295
C ₁₁ H ₁₄ N ₃ 188.1189	C ₁₁ H ₁₀ O ₃ 190.0630	C ₁₀ H ₁₄ N ₃ O 192.1138	C ₁₀ H ₁₈ N ₄ 194.1533
C ₁₁ H ₂₄ O ₂ 188.1777	C ₁₁ H ₁₂ NO ₂ 190.0868	C ₁₀ H ₁₆ N ₄ 192.1377	C ₁₁ H ₁₄ O ₃ 194.0943
C ₁₂ H ₁₂ O ₂ 188.0837	C ₁₁ H ₁₄ N ₂ O 190.1107	C ₁₁ H ₁₂ O ₃ 192.0786	C ₁₁ H ₁₆ NO ₂ 194.1182
C ₁₂ H ₁₄ NO 188.1076	C ₁₁ H ₁₆ N ₃ 190.1346	C ₁₁ H ₁₄ NO ₂ 192.1025	C ₁₁ H ₁₈ N ₂ O 194.1420
C ₁₂ H ₁₆ N ₂ 188.1315	C ₁₂ H ₁₄ O ₂ 190.0994	C ₁₁ H ₁₆ N ₂ O 192.1264	C ₁₁ H ₂₀ N ₃ 194.1659
C ₁₃ H ₁₆ O 188.1202	C ₁₂ H ₁₆ NO 190.1233	C ₁₁ H ₁₈ N ₃ 192.1502	C ₁₂ H ₈ N ₃ 194.0719
C ₁₃ H ₁₈ N 188.1440	C ₁₂ H ₁₈ N ₂ 190.1471	C ₁₂ H ₁₆ O ₂ 192.1151	C ₁₂ H ₁₈ O ₂ 194.1307
C ₁₄ H ₂₀ 188.1566	C ₁₃ H ₁₈ O 190.1358	C ₁₂ H ₁₈ NO 192.1389	C ₁₂ H ₂₀ NO 194.1546
189	C ₁₃ H ₂₀ N 190.1597	C ₁₂ H ₂₀ N ₂ 192.1628	C ₁₂ H ₂₂ N ₂ 194.1784
C ₇ H ₁₃ N ₂ O ₄ 189.0876	C ₁₄ H ₂₂ 190.1722	C ₁₃ H ₈ N ₂ 192.0688	C ₁₃ H ₈ NO 194.0606
C ₇ H ₁₅ N ₃ O ₃ 189.1114	C ₁₅ H ₁₀ 190.0783	C ₁₃ H ₂₀ O 192.1515	C ₁₃ H ₁₀ N ₂ 194.0845
C ₇ H ₁₇ N ₄ O ₂ 189.1353	191	C ₁₃ H ₂₂ N 192.1753	C ₁₃ H ₂₂ O 194.1671
C ₈ H ₁₅ NO ₄ 189.1001	C ₇ H ₁₅ N ₂ O ₄ 191.1032	C ₁₄ H ₁₀ N 192.0814	C ₁₃ H ₂₄ N 194.1910
C ₈ H ₁₇ N ₂ O ₃ 189.1240	C ₇ H ₁₇ N ₃ O ₃ 191.1271	C ₁₄ H ₂₄ 192.1879	C ₁₄ H ₁₀ O 194.0732
C ₈ H ₁₉ N ₃ O ₂ 189.1478	C ₇ H ₁₉ N ₄ O ₂ 191.1509	C ₁₅ H ₁₂ 192.0939	C ₁₄ H ₁₂ N 194.0970
C ₈ H ₂₁ N ₄ O 189.1717	C ₈ H ₇ N ₄ O ₂ 191.0570	193	C ₁₄ H ₂₆ 194.2036
C ₉ H ₇ N ₃ O ₂ 189.0539	C ₈ H ₁₇ NO ₄ 191.1158	C ₇ H ₁₇ N ₂ O ₄ 193.1189	C ₁₅ H ₁₄ 194.1096
C ₉ H ₉ N ₄ O 189.0777	C ₈ H ₁₉ N ₂ O ₃ 191.1396	C ₇ H ₁₉ N ₃ O ₃ 193.1427	195
C ₉ H ₁₇ O ₄ 189.1127	C ₈ H ₂₁ N ₃ O ₂ 191.1635	C ₈ H ₇ N ₃ O ₃ 193.0488	C ₈ H ₇ N ₂ O ₄ 195.0406
C ₉ H ₁₉ NO ₃ 189.1365	C ₉ H ₇ N ₂ O ₃ 191.0457	C ₈ H ₉ N ₄ O ₂ 193.0726	C ₈ H ₉ N ₃ O ₃ 195.0644
C ₉ H ₂₁ N ₂ O ₂ 189.1604	C ₉ H ₉ N ₃ O ₂ 191.0695	C ₈ H ₁₉ NO ₄ 193.1315	C ₈ H ₁₁ N ₄ O ₂ 195.0883
C ₉ H ₂₃ N ₃ O 189.1842	C ₉ H ₁₁ N ₄ O 191.0934	C ₉ H ₇ NO ₄ 193.0375	C ₉ H ₉ NO ₄ 195.0532
C ₁₀ H ₇ NO ₃ 189.0426	C ₉ H ₁₉ O ₄ 191.1284	C ₉ H ₉ N ₂ O ₃ 193.0614	C ₉ H ₁₁ N ₂ O ₃ 195.0770
C ₁₀ H ₉ N ₂ O ₂ 189.0664	C ₉ H ₂₁ NO ₃ 191.1522	C ₉ H ₁₁ N ₃ O ₂ 193.0852	C ₉ H ₁₃ N ₃ O ₂ 195.1009
C ₁₀ H ₁₁ N ₃ O 189.0903	C ₁₀ H ₇ O ₄ 191.0344	C ₉ H ₁₃ N ₄ O 193.1091	C ₉ H ₁₅ N ₄ O 195.1247
C ₁₀ H ₁₃ N ₄ 189.1142	C ₁₀ H ₉ NO ₃ 191.0583	C ₁₀ H ₉ O ₄ 193.0501	C ₁₀ H ₁₁ O ₄ 195.0657
C ₁₀ H ₂₁ O ₃ 189.1491	C ₁₀ H ₁₁ N ₂ O ₂ 191.0821	C ₁₀ H ₁₁ NO ₃ 193.0739	C ₁₀ H ₁₃ NO ₃ 195.0896
C ₁₀ H ₂₃ NO ₂ 189.1730	C ₁₀ H ₁₃ N ₃ O 191.1060	C ₁₀ H ₁₃ N ₂ O ₂ 193.0978	C ₁₀ H ₁₅ N ₂ O ₂ 195.1134
C ₁₁ H ₅ O ₃ 189.0552	C ₁₀ H ₁₅ N ₄ 191.1298	C ₁₀ H ₁₅ N ₃ O 193.1216	C ₁₀ H ₁₇ N ₃ O 195.1373
C ₁₁ H ₁₁ NO ₂ 189.0790	C ₁₁ H ₁₁ O ₃ 191.0708	C ₁₀ H ₁₇ N ₄ 193.1455	C ₁₀ H ₁₉ N ₄ 195.1611
C ₁₁ H ₁₃ N ₂ O 189.1029	C ₁₁ H ₁₃ NO ₂ 191.0947	C ₁₁ H ₁₃ O ₃ 193.0865	C ₁₁ H ₇ N ₄ 195.0672
C ₁₁ H ₁₅ N ₃ 189.1267	C ₁₁ H ₁₅ N ₂ O 191.1185	C ₁₁ H ₁₅ NO ₂ 193.1103	C ₁₁ H ₁₅ O ₃ 195.1021
C ₁₂ H ₁₃ O ₂ 189.0916	C ₁₁ H ₁₇ N ₃ 191.1424	C ₁₁ H ₁₇ N ₂ O 193.1342	C ₁₁ H ₁₇ NO ₂ 195.1260
C ₁₂ H ₁₅ NO 189.1154	C ₁₂ H ₁₅ O ₂ 191.1072	C ₁₁ H ₁₉ N ₃ 193.1580	C ₁₁ H ₁₉ N ₂ O 195.1498
C ₁₂ H ₁₇ N ₂ 189.1393	C ₁₂ H ₁₇ NO 191.1311	C ₁₂ H ₁₇ O ₂ 193.1229	C ₁₁ H ₂₁ N ₃ 195.1737
C ₁₃ H ₁₇ O 189.1280	C ₁₂ H ₁₉ N ₂ 191.1549	C ₁₂ H ₁₉ NO 193.1467	C ₁₂ H ₇ N ₂ O 195.0559
C ₁₃ H ₁₉ N 189.1519	C ₁₃ H ₁₉ O 191.1436	C ₁₂ H ₂₁ N ₂ 193.1706	C ₁₂ H ₉ N ₃ 195.0798
C ₁₄ H ₂₁ 189.1644	C ₁₃ H ₂₁ N 191.1675	C ₁₃ H ₉ N ₂ 193.0767	C ₁₂ H ₁₉ O ₂ 195.1385

APPENDIX A (Continued)

FM	FM	FM	FM
C ₁₂ H ₂₁ NO	195.1624	C ₁₁ H ₁₇ O ₃	197.1178
C ₁₂ H ₂₃ N ₂	195.1863	C ₁₁ H ₁₉ NO ₂	197.1416
C ₁₃ H ₉ NO	195.0684	C ₁₁ H ₂₁ N ₂ O	197.1655
C ₁₃ H ₁₁ N ₂	195.0923	C ₁₁ H ₂₃ N ₃	197.1894
C ₁₃ H ₂₃ O	195.1750	C ₁₂ H ₉ N ₂ O	197.0715
C ₁₃ H ₂₅ N	195.1988	C ₁₂ H ₁₁ N ₃	197.0954
C ₁₄ H ₁₁ O	195.0810	C ₁₂ H ₂₁ O ₂	197.1542
C ₁₄ H ₁₃ N	195.1049	C ₁₂ H ₂₃ NO	197.1781
C ₁₄ H ₂₇	195.2114	C ₁₂ H ₂₅ N ₂	197.2019
C ₁₅ H ₁₅	195.1174	C ₁₃ H ₉ O ₂	197.0603
196		C ₁₃ H ₁₁ NO	197.0841
C ₈ H ₈ N ₂ O ₄	196.0484	C ₁₃ H ₁₃ N ₂	197.1080
C ₈ H ₁₀ N ₃ O ₃	196.0723	C ₁₃ H ₂₅ O	197.1906
C ₈ H ₁₂ N ₄ O ₂	196.0961	C ₁₃ H ₂₇ N	197.2145
C ₉ H ₁₀ NO ₄	196.0610	C ₁₄ H ₁₃ O	197.0967
C ₉ H ₁₂ N ₂ O ₃	196.0848	C ₁₄ H ₁₅ N	197.1205
C ₉ H ₁₄ N ₃ O ₂	196.1087	C ₁₄ H ₂₉	197.2270
C ₉ H ₁₆ N ₄ O	196.1325	C ₁₅ H ₁₇	197.1331
C ₁₀ H ₁₂ O ₄	196.0735	198	
C ₁₀ H ₁₄ NO ₃	196.0974	C ₈ H ₁₀ N ₂ O ₄	198.0641
C ₁₀ H ₁₆ N ₂ O ₂	196.1213	C ₈ H ₁₂ N ₃ O ₃	198.0879
C ₁₀ H ₁₈ N ₃ O	196.1451	C ₈ H ₁₄ N ₄ O ₂	198.1118
C ₁₀ H ₂₀ N ₄	196.1690	C ₉ H ₁₂ NO ₄	198.0766
C ₁₁ H ₈ N ₄	196.0750	C ₉ H ₁₄ N ₂ O ₃	198.1005
C ₁₁ H ₁₆ O ₃	196.1100	C ₉ H ₁₆ N ₃ O ₂	198.1244
C ₁₁ H ₁₈ NO ₂	196.1338	C ₉ H ₁₈ N ₄ O	198.1482
C ₁₁ H ₂₀ N ₂ O	196.1577	C ₁₀ H ₁₄ O ₄	198.0892
C ₁₁ H ₂₂ N ₃	196.1815	C ₁₀ H ₁₆ NO ₃	198.1131
C ₁₂ H ₈ N ₂ O	196.0637	C ₁₀ H ₁₈ N ₂ O ₂	198.1369
C ₁₂ H ₁₀ N ₃	196.0876	C ₁₀ H ₂₀ N ₃ O	198.1608
C ₁₂ H ₂₀ O ₂	196.1464	C ₁₀ H ₂₂ N ₄	198.1846
C ₁₂ H ₂₂ NO	196.1702	C ₁₁ H ₈ N ₃ O	198.0668
C ₁₂ H ₂₄ N ₂	196.1941	C ₁₁ H ₁₀ N ₄	198.0907
C ₁₃ H ₈ O ₂	196.0524	C ₁₁ H ₁₈ O ₃	198.1256
C ₁₃ H ₁₀ NO	196.0763	C ₁₁ H ₂₀ NO ₂	198.1495
C ₁₃ H ₁₂ N ₂	196.1001	C ₁₁ H ₂₂ N ₂ O	198.1733
C ₁₃ H ₂₄ O	196.1828	C ₁₁ H ₂₄ N ₃	198.1972
C ₁₃ H ₂₆ N	196.2067	C ₁₂ H ₈ NO ₂	198.0555
C ₁₄ H ₁₂ O	196.0888	C ₁₂ H ₁₀ N ₂ O	198.0794
C ₁₄ H ₁₄ N	196.1127	C ₁₂ H ₁₂ N ₃	198.1032
C ₁₄ H ₂₈	196.2192	C ₁₂ H ₂₂ O ₂	198.1620
C ₁₅ H ₁₆	196.1253	C ₁₂ H ₂₄ NO	198.1859
197		C ₁₂ H ₂₆ N ₂	198.2098
C ₈ H ₉ N ₂ O ₄	197.0563	C ₁₃ H ₁₀ O ₂	198.0681
C ₈ H ₁₁ N ₃ O ₃	197.0801	C ₁₃ H ₁₂ NO	198.0919
C ₈ H ₁₃ N ₄ O ₂	197.1040	C ₁₃ H ₁₄ N ₂	198.1158
C ₉ H ₁₁ NO ₄	197.0688	C ₁₃ H ₂₆ O	198.1985
C ₉ H ₁₃ N ₂ O ₃	197.0927	C ₁₃ H ₂₈ N	198.2223
C ₉ H ₁₅ N ₃ O ₂	197.1165	C ₁₄ H ₁₄ O	198.1045
C ₉ H ₁₇ N ₄ O	197.1404	C ₁₄ H ₁₆ N	198.1284
C ₁₀ H ₁₃ O ₄	197.0814	C ₁₄ H ₃₀	198.2349
C ₁₀ H ₁₅ NO ₃	197.1052	C ₁₅ H ₁₈	198.1409
C ₁₀ H ₁₇ N ₂ O ₂	197.1291	199	
C ₁₀ H ₁₉ N ₃ O	197.1529	C ₈ H ₁₁ N ₂ O ₄	199.0719
C ₁₀ H ₂₁ N ₄	197.1768	C ₈ H ₁₃ N ₃ O ₃	199.0958
C ₁₁ H ₇ N ₃ O	197.0590	C ₈ H ₁₅ N ₄ O ₂	199.1196
C ₁₁ H ₉ N ₄	197.0829	C ₉ H ₁₃ NO ₄	199.0845
C ₉ H ₁₅ N ₂ O ₃	199.1083	C ₉ H ₁₅ N ₂ O ₃	199.1083
C ₉ H ₁₇ N ₃ O ₂	199.1322	C ₉ H ₁₇ N ₃ O ₂	199.1322
C ₉ H ₁₉ N ₄ O	199.1560	C ₁₀ H ₇ N ₄ O	199.0621
C ₁₀ H ₇ N ₄ O	199.0621	C ₁₀ H ₁₅ O ₄	199.0970
C ₁₀ H ₁₅ O ₄	199.0970	C ₁₀ H ₁₇ NO ₃	199.1209
C ₁₀ H ₁₇ NO ₃	199.1209	C ₁₀ H ₁₉ N ₂ O ₂	199.1447
C ₁₀ H ₁₉ N ₂ O ₂	199.1447	C ₁₀ H ₂₁ N ₃ O	199.1686
C ₁₀ H ₂₁ N ₃ O	199.1686	C ₁₀ H ₂₃ N ₄	199.1925
C ₁₀ H ₂₃ N ₄	199.1925	C ₁₁ H ₇ N ₂ O ₂	199.0508
C ₁₁ H ₇ N ₂ O ₂	199.0508	C ₁₁ H ₉ N ₃ O	199.0746
C ₁₁ H ₉ N ₃ O	199.0746	C ₁₁ H ₁₁ N ₄	199.0985
C ₁₁ H ₁₁ N ₄	199.0985	C ₁₁ H ₁₉ O ₃	199.1334
C ₁₁ H ₁₉ O ₃	199.1334	C ₁₁ H ₂₁ NO ₂	199.1573
C ₁₁ H ₂₁ NO ₂	199.1573	C ₁₁ H ₂₃ N ₂ O	199.1811
C ₁₁ H ₂₃ N ₂ O	199.1811	C ₁₁ H ₂₅ N ₃	199.2050
C ₁₁ H ₂₅ N ₃	199.2050	C ₁₂ H ₉ NO ₂	199.0634
C ₁₂ H ₉ NO ₂	199.0634	C ₁₂ H ₁₁ N ₂ O	199.0872
C ₁₂ H ₁₁ N ₂ O	199.0872	C ₁₂ H ₁₃ N ₃	199.1111
C ₁₂ H ₁₃ N ₃	199.1111	C ₁₂ H ₂₃ O ₂	199.1699
C ₁₂ H ₂₃ O ₂	199.1699	C ₁₂ H ₂₅ NO	199.1937
C ₁₂ H ₂₅ NO	199.1937	C ₁₂ H ₂₇ N ₂	199.2176
C ₁₂ H ₂₇ N ₂	199.2176	C ₁₃ H ₁₁ O ₂	199.0759
C ₁₃ H ₁₁ O ₂	199.0759	C ₁₃ H ₁₃ NO	199.0998
C ₁₃ H ₁₃ NO	199.0998	C ₁₃ H ₁₅ N ₂	199.1236
C ₁₃ H ₁₅ N ₂	199.1236	C ₁₃ H ₂₇ O	199.2063
C ₁₃ H ₂₇ O	199.2063	C ₁₃ H ₂₉ N	199.2301
C ₁₃ H ₂₉ N	199.2301	C ₁₄ H ₁₅ O	199.1123
C ₁₄ H ₁₅ O	199.1123	C ₁₄ H ₁₇ N	199.1362
C ₁₄ H ₁₇ N	199.1362	C ₁₅ H ₁₉	199.1488
C ₁₅ H ₁₉	199.1488	200	
200		C ₈ H ₁₂ N ₂ O ₄	200.0797
C ₈ H ₁₂ N ₂ O ₄	200.0797	C ₈ H ₁₄ N ₃ O ₃	200.1036
C ₈ H ₁₄ N ₃ O ₃	200.1036	C ₈ H ₁₆ N ₄ O ₂	200.1275
C ₈ H ₁₆ N ₄ O ₂	200.1275	C ₉ H ₁₄ NO ₄	200.0923
C ₉ H ₁₄ NO ₄	200.0923	C ₉ H ₁₆ N ₂ O ₃	200.1162
C ₉ H ₁₆ N ₂ O ₃	200.1162	C ₉ H ₁₈ N ₃ O ₂	200.1400
C ₉ H ₁₈ N ₃ O ₂	200.1400	C ₉ H ₂₀ N ₄ O	200.1639
C ₉ H ₂₀ N ₄ O	200.1639	C ₁₀ H ₈ N ₄ O	200.0699
C ₁₀ H ₈ N ₄ O	200.0699	C ₁₀ H ₁₆ O ₄	200.1049
C ₁₀ H ₁₆ O ₄	200.1049	C ₁₀ H ₁₈ NO ₃	200.1287
C ₁₀ H ₁₈ NO ₃	200.1287	C ₁₀ H ₂₀ N ₂ O ₂	200.1526
C ₁₀ H ₂₀ N ₂ O ₂	200.1526	C ₁₀ H ₂₂ N ₃ O	200.1764
C ₁₀ H ₂₂ N ₃ O	200.1764	C ₁₀ H ₂₄ N ₄	200.2003
C ₁₀ H ₂₄ N ₄	200.2003	C ₁₁ H ₈ N ₂ O ₂	200.0586
C ₁₁ H ₈ N ₂ O ₂	200.0586	C ₁₁ H ₁₀ N ₃ O	200.0825
C ₁₁ H ₁₀ N ₃ O	200.0825	C ₁₁ H ₁₂ N ₄	200.1063
C ₁₁ H ₁₂ N ₄	200.1063	C ₁₁ H ₂₀ O ₃	200.1413
C ₁₁ H ₂₀ O ₃	200.1413	C ₁₁ H ₂₂ NO ₂	200.1651
C ₁₁ H ₂₂ NO ₂	200.1651	C ₁₁ H ₂₄ N ₂ O	200.1890
C ₁₁ H ₂₄ N ₂ O	200.1890	C ₁₁ N ₂₆ N ₃	200.2129
C ₁₁ N ₂₆ N ₃	200.2129	C ₁₂ H ₈ O ₃	200.0473
C ₁₂ H ₈ O ₃	200.0473	C ₁₂ H ₁₀ NO ₂	200.0712
C ₁₂ H ₁₀ NO ₂	200.0712	C ₁₂ H ₁₂ N ₂ O	200.0950
C ₁₂ H ₁₂ N ₂ O	200.0950	C ₁₂ H ₁₄ N ₃	200.1189
C ₁₂ H ₁₄ N ₃	200.1189	C ₁₂ H ₂₄ O ₂	200.1777
C ₁₂ H ₂₄ O ₂	200.1777	C ₁₂ H ₂₆ NO	200.2015
C ₁₂ H ₂₆ NO	200.2015	C ₁₂ H ₂₈ N ₂	200.2254
C ₁₃ H ₁₂ O ₂	200.0837	C ₁₃ H ₁₄ NO	200.1076
C ₁₃ H ₁₄ NO	200.1076	C ₁₃ H ₁₆ N ₂	200.1315
C ₁₃ H ₁₆ N ₂	200.1315	C ₁₃ H ₂₈ O	200.2141
C ₁₃ H ₂₈ O	200.2141	C ₁₄ H ₁₆ O	200.1202
C ₁₄ H ₁₆ O	200.1202	C ₁₄ H ₁₈ N	200.1440
C ₁₄ H ₁₈ N	200.1440	C ₁₅ H ₂₀	200.1566
C ₁₅ H ₂₀	200.1566	201	
201		C ₈ H ₁₃ N ₂ O ₄	201.0876
C ₈ H ₁₃ N ₂ O ₄	201.0876	C ₈ H ₁₅ N ₃ O ₃	201.1114
C ₈ H ₁₅ N ₃ O ₃	201.1114	C ₈ H ₁₇ N ₄ O ₂	201.1353
C ₈ H ₁₇ N ₄ O ₂	201.1353	C ₉ H ₁₅ NO ₄	201.1001
C ₉ H ₁₅ NO ₄	201.1001	C ₉ H ₁₇ N ₂ O ₃	201.1240
C ₉ H ₁₇ N ₂ O ₃	201.1240	C ₉ H ₁₉ N ₃ O ₂	201.1478
C ₉ H ₁₉ N ₃ O ₂	201.1478	C ₉ H ₂₁ N ₄ O	201.1717
C ₉ H ₂₁ N ₄ O	201.1717	C ₁₀ H ₇ N ₃ O ₂	201.0539
C ₁₀ H ₇ N ₃ O ₂	201.0539	C ₁₀ H ₉ N ₄ O	201.0777
C ₁₀ H ₉ N ₄ O	201.0777	C ₁₀ H ₁₇ O ₄	201.1127
C ₁₀ H ₁₇ O ₄	201.1127	C ₁₀ H ₁₉ NO ₃	201.1365
C ₁₀ H ₁₉ NO ₃	201.1365	C ₁₀ H ₂₁ N ₂ O ₂	201.1604
C ₁₀ H ₂₁ N ₂ O ₂	201.1604	C ₁₀ H ₂₃ N ₃ O	201.1842
C ₁₀ H ₂₃ N ₃ O	201.1842	C ₁₀ H ₂₅ N ₄	201.2081
C ₁₀ H ₂₅ N ₄	201.2081	C ₁₁ H ₇ NO ₃	201.0426
C			

APPENDIX A (Continued)

FM	FM	FM	FM
C ₁₀ H ₂₄ N ₃ O 202.1921	C ₈ H ₂₀ N ₄ O ₂ 204.1588	C ₁₃ H ₂₁ N ₂ 205.1706	C ₁₁ H ₁₉ N ₄ 207.1611
C ₁₀ H ₂₆ N ₄ 202.2160	C ₉ H ₆ N ₃ O ₃ 204.0410	C ₁₄ H ₉ N ₂ 205.0767	C ₁₂ H ₁₅ O ₃ 207.1021
C ₁₁ H ₈ NO ₃ 202.0504	C ₉ H ₈ N ₄ O ₂ 204.0648	C ₁₄ H ₂₁ O 205.1593	C ₁₂ H ₁₇ NO ₂ 207.1260
C ₁₁ H ₁₀ N ₂ O ₂ 202.0743	C ₉ H ₁₈ NO ₄ 204.1236	C ₁₄ H ₂₃ N 205.1832	C ₁₂ H ₁₉ N ₂ O 207.1498
C ₁₁ H ₁₂ N ₃ O 202.0981	C ₉ H ₂₀ N ₂ O ₃ 204.1475	C ₁₅ H ₉ O 205.0653	C ₁₂ H ₂₁ N ₃ 207.1737
C ₁₁ H ₁₄ N ₄ 202.1220	C ₉ H ₂₂ N ₃ O ₂ 204.1713	C ₁₅ H ₁₁ N 205.0892	C ₁₃ H ₉ N ₃ 207.0798
C ₁₁ H ₂₂ O ₃ 202.1569	C ₉ H ₂₄ N ₄ O 204.1952	C ₁₅ H ₂₅ 205.1957	C ₁₃ H ₁₉ O ₂ 207.1385
C ₁₁ H ₂₄ NO ₂ 202.1808	C ₁₀ H ₈ N ₂ O ₃ 204.0535	C ₁₆ H ₁₃ 205.1018	C ₁₃ H ₂₁ NO 207.1624
C ₁₁ H ₂₆ N ₂ O 202.2046	C ₁₀ H ₁₀ N ₃ O ₂ 204.0774	206	C ₁₃ H ₂₃ N ₂ 207.1863
C ₁₂ H ₁₀ O ₃ 202.0630	C ₁₀ H ₁₂ N ₄ O 204.1012	C ₈ H ₁₈ N ₂ O ₄ 206.1267	C ₁₄ H ₉ NO 207.0684
C ₁₂ H ₁₂ NO ₂ 202.0868	C ₁₀ H ₂₀ O ₄ 204.1362	C ₈ H ₂₀ N ₃ O ₃ 206.1506	C ₁₄ H ₁₁ N ₂ 207.0923
C ₁₂ H ₁₄ N ₂ O 202.1107	C ₁₀ H ₂₂ NO ₃ 204.1600	C ₈ H ₂₂ N ₄ O ₂ 206.1744	C ₁₄ H ₂₃ O 207.1750
C ₁₂ H ₁₆ N ₃ 202.1346	C ₁₀ H ₂₄ N ₂ O ₂ 204.1839	C ₉ H ₆ N ₂ O ₄ 206.0328	C ₁₄ H ₂₅ N 207.1988
C ₁₂ H ₂₆ O ₂ 202.1934	C ₁₁ H ₈ O ₄ 204.0422	C ₉ H ₆ N ₃ O ₃ 206.0566	C ₁₅ H ₁₁ O 207.0810
C ₁₃ H ₁₄ O ₂ 202.0994	C ₁₁ H ₁₀ NO ₃ 204.0661	C ₉ H ₁₀ N ₄ O ₂ 206.0805	C ₁₅ H ₁₃ N 207.1049
C ₁₃ H ₁₆ NO 202.1233	C ₁₁ H ₁₂ N ₂ O ₂ 204.0899	C ₉ H ₂₀ NO ₄ 206.1393	C ₁₅ H ₂₇ 207.2114
C ₁₃ H ₁₈ N ₂ 202.1471	C ₁₁ H ₁₄ N ₃ O 204.1138	C ₉ H ₂₂ N ₂ O ₃ 206.1631	C ₁₆ H ₁₅ 207.1174
C ₁₄ H ₁₈ O 202.1358	C ₁₁ H ₁₆ N ₄ 204.1377	C ₁₀ H ₈ NO ₄ 206.0453	208
C ₁₄ H ₂₀ N 202.1597	C ₁₁ H ₂₄ O ₃ 204.1726	C ₁₀ H ₁₀ N ₂ O ₃ 206.0692	C ₈ H ₂₀ N ₂ O ₄ 208.1424
C ₁₅ H ₂₂ 202.1722	C ₁₂ H ₁₂ O ₃ 204.0786	C ₁₀ H ₁₂ N ₃ O ₂ 206.0930	C ₉ H ₈ N ₂ O ₄ 208.0484
203	C ₁₂ H ₁₄ NO ₂ 204.1025	C ₁₀ H ₁₄ N ₄ O 206.1169	C ₉ H ₁₀ N ₃ O ₃ 208.0723
C ₈ H ₁₅ N ₂ O ₄ 203.1032	C ₁₂ H ₁₆ N ₂ O 204.1264	C ₁₀ H ₂₂ O ₄ 206.1518	C ₉ H ₁₂ N ₄ O ₂ 208.0961
C ₈ H ₁₇ N ₃ O ₃ 203.1271	C ₁₂ H ₁₈ N ₃ 204.1502	C ₁₁ H ₁₀ O ₄ 206.0579	C ₁₀ H ₁₀ NO ₄ 208.0610
C ₈ H ₁₉ N ₄ O ₂ 203.1509	C ₁₃ H ₁₆ O ₂ 204.1151	C ₁₁ H ₁₂ NO ₃ 206.0817	C ₁₀ H ₁₂ N ₂ O ₃ 208.0848
C ₉ H ₇ N ₄ O ₂ 203.0570	C ₁₃ H ₁₈ NO 204.1389	C ₁₁ H ₁₄ N ₂ O ₂ 206.1056	C ₁₀ H ₁₄ N ₃ O ₂ 208.1087
C ₉ H ₁₇ NO ₄ 203.1158	C ₁₃ H ₂₀ N ₂ 204.1628	C ₁₁ H ₁₆ N ₃ O 206.1295	C ₁₀ H ₁₆ N ₄ O 208.1325
C ₉ H ₁₉ N ₂ O ₃ 203.1396	C ₁₄ H ₂₀ O 204.1515	C ₁₁ H ₁₈ N ₄ 206.1533	C ₁₁ H ₁₂ O ₄ 208.0735
C ₉ H ₂₁ N ₃ O ₂ 203.1635	C ₁₄ H ₂₂ N 204.1753	C ₁₂ H ₁₄ O ₃ 206.0943	C ₁₁ H ₁₄ NO ₃ 208.0974
C ₉ H ₂₃ N ₄ O 203.1873	C ₁₅ H ₁₀ N 204.0814	C ₁₂ H ₁₆ NO ₂ 206.1182	C ₁₁ H ₁₆ N ₂ O ₂ 208.1213
C ₁₀ H ₇ N ₂ O ₃ 203.0457	C ₁₅ H ₂₄ 204.1879	C ₁₂ H ₁₈ N ₂ O 206.1420	C ₁₁ H ₁₈ N ₃ O 208.1451
C ₁₀ H ₉ N ₃ O ₂ 203.0695	C ₁₆ H ₁₂ 204.0939	C ₁₂ H ₂₀ N ₃ 206.1659	C ₁₁ H ₂₀ N ₄ 208.1690
C ₁₀ H ₁₁ N ₄ O 203.0934	205	C ₁₃ H ₈ N ₃ 206.0719	C ₁₂ H ₈ N ₄ 208.0750
C ₁₀ H ₁₉ O ₄ 203.1284	C ₈ H ₁₇ N ₂ O ₄ 205.1189	C ₁₃ H ₁₈ O ₂ 206.1307	C ₁₂ H ₁₆ O ₃ 208.1100
C ₁₀ H ₂₁ NO ₃ 203.1522	C ₈ H ₁₉ N ₃ O ₃ 205.1427	C ₁₃ H ₂₀ NO 206.1546	C ₁₂ H ₁₈ NO ₂ 208.1338
C ₁₀ H ₂₃ N ₂ O ₂ 203.1761	C ₈ H ₂₁ N ₄ O ₂ 205.1666	C ₁₃ H ₂₂ N ₂ 206.1784	C ₁₂ H ₂₀ N ₂ O 208.1577
C ₁₀ H ₂₅ N ₃ O 203.1999	C ₉ H ₇ N ₃ O ₃ 205.0488	C ₁₄ H ₁₀ N ₂ 206.0845	C ₁₂ H ₂₂ N ₃ 208.1815
C ₁₁ H ₇ O ₄ 203.0344	C ₉ H ₉ N ₄ O ₂ 205.0726	C ₁₄ H ₂₂ O 206.1671	C ₁₃ H ₈ N ₂ O 208.0637
C ₁₁ H ₉ NO ₃ 203.0583	C ₉ H ₁₉ NO ₄ 205.1315	C ₁₄ H ₂₄ N 206.1910	C ₁₃ H ₁₀ N ₃ 208.0876
C ₁₁ H ₁₁ N ₂ O ₂ 203.0821	C ₉ H ₂₁ N ₂ O ₃ 205.1553	C ₁₅ H ₁₀ O 206.0732	C ₁₃ H ₂₀ O ₂ 208.1464
C ₁₁ H ₁₃ N ₃ O 203.1060	C ₉ H ₂₃ N ₃ O ₂ 205.1791	C ₁₅ H ₁₂ N 206.0970	C ₁₃ H ₂₂ NO 208.1702
C ₁₁ H ₁₅ N ₄ 203.1298	C ₁₀ H ₇ NO ₄ 205.0375	C ₁₅ H ₂₆ 206.2036	C ₁₃ H ₂₄ N ₂ 208.1941
C ₁₁ H ₂₃ O ₃ 203.1648	C ₁₀ H ₉ N ₂ O ₃ 205.0614	C ₁₆ H ₁₄ 206.1096	C ₁₄ H ₁₀ NO 208.0763
C ₁₁ H ₂₅ NO ₂ 203.1886	C ₁₀ H ₁₁ N ₃ O ₂ 205.0852	207	C ₁₄ H ₁₂ N ₂ 208.1001
C ₁₂ H ₁₁ O ₃ 203.0708	C ₁₀ H ₁₃ N ₄ O 205.1091	C ₈ H ₁₉ N ₂ O ₄ 207.1345	C ₁₄ H ₂₄ O 208.1828
C ₁₂ H ₁₃ NO ₂ 203.0947	C ₁₀ H ₂₁ O ₄ 205.1440	C ₈ H ₂₁ N ₃ O ₃ 207.1584	C ₁₄ H ₂₆ N 208.2067
C ₁₂ H ₁₅ N ₂ O 203.1185	C ₁₀ H ₂₃ NO ₃ 205.1679	C ₉ H ₇ N ₂ O ₄ 207.0406	C ₁₅ H ₁₂ O 208.0888
C ₁₂ H ₁₇ N ₃ 203.1424	C ₁₁ H ₉ O ₄ 205.0501	C ₉ H ₉ N ₃ O ₃ 207.0644	C ₁₅ H ₁₄ N 208.1127
C ₁₃ H ₁₅ O ₂ 203.1072	C ₁₁ H ₁₁ NO ₃ 205.0739	C ₉ H ₁₁ N ₄ O ₂ 207.0883	C ₁₅ H ₂₈ 208.2192
C ₁₃ H ₁₇ NO 203.1311	C ₁₁ H ₁₃ N ₂ O ₂ 205.0978	C ₉ H ₂₁ NO ₄ 207.1471	C ₁₆ H ₁₆ 208.1253
C ₁₃ H ₁₉ N ₂ 203.1549	C ₁₁ H ₁₅ N ₃ O 205.1216	C ₁₀ H ₉ NO ₄ 207.0532	209
C ₁₄ H ₁₉ O 203.1436	C ₁₁ H ₁₇ N ₄ 205.1455	C ₁₀ H ₁₁ N ₂ O ₃ 207.0770	C ₉ H ₉ N ₂ O ₄ 209.0563
C ₁₄ H ₂₁ N 203.1675	C ₁₂ H ₁₅ O ₃ 205.0865	C ₁₀ H ₁₃ N ₃ O ₂ 207.1009	C ₉ H ₁₁ N ₃ O ₃ 209.0801
C ₁₅ H ₉ N 203.0736	C ₁₂ H ₁₇ NO ₂ 205.1103	C ₁₀ H ₁₅ N ₄ O 207.1247	C ₉ H ₁₃ N ₄ O ₂ 209.1040
C ₁₅ H ₂₃ 203.1801	C ₁₂ H ₁₉ N ₂ O 205.1342	C ₁₁ H ₁₁ O ₄ 207.0657	C ₁₀ H ₁₁ NO ₄ 209.0688
204	C ₁₂ H ₁₉ N ₃ 205.1580	C ₁₁ H ₁₃ NO ₃ 207.0896	C ₁₀ H ₁₃ N ₂ O ₃ 209.0927
C ₈ H ₁₆ N ₂ O ₄ 204.1111	C ₁₃ H ₁₇ O ₂ 205.1229	C ₁₁ H ₁₅ N ₂ O ₂ 207.1134	C ₁₀ H ₁₅ N ₃ O ₂ 209.1165
C ₈ H ₁₈ N ₃ O ₃ 204.1349	C ₁₃ H ₁₉ NO 205.1467	C ₁₁ H ₁₇ N ₃ O 207.1373	C ₁₀ H ₁₇ N ₄ O 209.1404

APPENDIX A (Continued)

FM	FM	FM	FM
C ₁₁ H ₁₃ O ₄ 209.0814	C ₁₆ H ₁₈ 210.1409	C ₁₃ H ₈ O ₃ 212.0473	C ₁₀ H ₁₈ N ₂ O ₃ 214.1318
C ₁₁ H ₁₅ NO ₃ 209.1052	211	C ₁₃ H ₁₀ NO ₂ 212.0712	C ₁₀ H ₂₀ N ₃ O ₂ 214.1557
C ₁₁ H ₁₇ N ₂ O ₂ 209.1291	C ₉ H ₁₁ N ₂ O ₄ 211.0719	C ₁₃ H ₁₂ N ₂ O 212.0950	C ₁₀ H ₂₂ N ₄ O 214.1795
C ₁₁ H ₁₉ N ₃ O 209.1529	C ₉ H ₁₃ N ₃ O ₃ 211.0958	C ₁₃ H ₁₄ N ₃ 212.1189	C ₁₁ H ₈ N ₃ O ₂ 214.0617
C ₁₁ H ₂₁ N ₄ 209.1768	C ₉ H ₁₅ N ₄ O ₂ 211.1196	C ₁₃ H ₂₄ O ₂ 212.1777	C ₁₁ H ₁₀ N ₄ O 214.0856
C ₁₂ H ₉ N ₄ 209.0829	C ₁₀ H ₁₃ NO ₄ 211.0845	C ₁₃ H ₂₆ NO 212.2015	C ₁₁ H ₁₈ O ₄ 214.1205
C ₁₂ H ₁₇ O ₃ 209.1178	C ₁₀ H ₁₅ N ₂ O ₃ 211.1083	C ₁₃ H ₂₈ N ₂ 212.2254	C ₁₁ H ₂₀ NO ₃ 214.1444
C ₁₂ H ₁₉ NO ₂ 209.1416	C ₁₀ H ₁₇ N ₃ O ₂ 211.1322	C ₁₄ H ₁₂ O ₂ 212.0837	C ₁₁ H ₂₂ N ₂ O ₂ 214.1682
C ₁₂ H ₂₁ N ₂ O 209.1655	C ₁₀ H ₁₉ N ₄ O 211.1560	C ₁₄ H ₁₄ NO 212.1076	C ₁₁ H ₂₄ N ₃ O 214.1921
C ₁₂ H ₂₃ N ₃ 209.1894	C ₁₁ H ₇ N ₄ O 211.0621	C ₁₄ H ₁₆ N ₂ 212.1315	C ₁₁ H ₂₆ N ₄ 214.2160
C ₁₃ H ₉ N ₂ O 209.0715	C ₁₁ H ₁₅ O ₄ 211.0970	C ₁₄ H ₂₈ O 212.2141	C ₁₂ H ₈ NO ₃ 214.0504
C ₁₃ H ₁₁ N ₃ 209.0954	C ₁₁ H ₁₇ NO ₃ 211.1209	C ₁₄ H ₃₀ N 212.2380	C ₁₂ H ₁₀ N ₂ O ₂ 214.0743
C ₁₃ H ₂₁ O ₂ 209.1542	C ₁₁ H ₁₉ N ₂ O ₂ 211.1447	C ₁₅ H ₁₆ O 212.1202	C ₁₂ H ₁₂ N ₃ O 214.0981
C ₁₃ H ₂₃ NO 209.1781	C ₁₁ H ₂₁ N ₃ O 211.1686	C ₁₅ H ₁₈ N 212.1440	C ₁₂ H ₁₄ N ₄ 214.1220
C ₁₃ H ₂₅ N ₂ 209.2019	C ₁₁ H ₂₃ N ₄ 211.1925	C ₁₅ H ₃₂ 212.2505	C ₁₂ H ₂₂ O ₃ 214.1569
C ₁₄ H ₉ O ₂ 209.0603	C ₁₂ H ₉ N ₃ O 211.0746	C ₁₆ H ₂₀ 212.1566	C ₁₂ H ₂₄ NO ₂ 214.1808
C ₁₄ H ₁₁ NO 209.0841	C ₁₂ H ₁₁ N ₄ 211.0985	213	C ₁₂ H ₂₆ N ₂ O 214.2046
C ₁₄ H ₁₃ N ₂ 209.1080	C ₁₂ H ₁₉ O ₃ 211.1334	C ₉ H ₁₃ N ₂ O ₄ 213.0876	C ₁₂ H ₂₈ N ₃ 214.2285
C ₁₄ H ₂₅ O 209.1906	C ₁₂ H ₂₁ NO ₂ 211.1573	C ₉ H ₁₅ N ₃ O ₃ 213.1114	C ₁₃ H ₁₀ O ₃ 214.0630
C ₁₄ H ₂₇ N 209.2145	C ₁₂ H ₂₃ N ₂ O 211.1811	C ₉ H ₁₇ N ₄ O ₂ 213.1353	C ₁₃ H ₁₂ NO ₂ 214.0869
C ₁₅ H ₁₃ O 209.0967	C ₁₂ H ₂₅ N ₃ 211.2050	C ₁₀ H ₁₅ NO ₄ 213.1001	C ₁₃ H ₁₄ N ₂ O 214.1107
C ₁₅ H ₁₅ N 209.1205	C ₁₃ H ₉ NO ₂ 211.0634	C ₁₀ H ₁₇ N ₂ O ₃ 213.1240	C ₁₃ H ₁₆ N ₃ 214.1346
C ₁₅ H ₂₉ 209.2270	C ₁₃ H ₁₁ N ₂ O 211.0872	C ₁₀ H ₁₉ N ₃ O ₂ 213.1478	C ₁₃ H ₂₆ O ₂ 214.1934
C ₁₆ H ₁₇ 209.1331	C ₁₃ H ₁₃ N ₃ 211.1111	C ₁₀ H ₂₁ N ₄ O 213.1717	C ₁₃ H ₂₈ NO 214.2172
210	C ₁₃ H ₂₃ O ₂ 211.1699	C ₁₁ H ₇ N ₃ O ₂ 213.0539	C ₁₃ H ₃₀ N ₂ 214.2411
C ₉ H ₁₀ N ₂ O ₄ 210.0641	C ₁₃ H ₂₅ NO 211.1937	C ₁₁ H ₉ N ₄ O 213.0777	C ₁₄ H ₁₄ O ₂ 214.0994
C ₉ H ₁₂ N ₃ O ₃ 210.0879	C ₁₃ H ₂₇ N ₂ 211.2176	C ₁₁ H ₁₇ O ₄ 213.1127	C ₁₄ H ₁₆ NO 214.1233
C ₉ H ₁₄ N ₄ O ₂ 210.1118	C ₁₄ H ₁₁ O ₂ 211.0759	C ₁₁ H ₁₉ NO ₃ 213.1365	C ₁₄ H ₁₈ N ₂ 214.1471
C ₁₀ H ₁₂ NO ₄ 210.0766	C ₁₄ H ₁₃ NO 211.0998	C ₁₁ H ₂₁ N ₂ O ₂ 213.1604	C ₁₅ H ₁₈ O 214.1358
C ₁₀ H ₁₄ N ₂ O ₃ 210.1005	C ₁₄ H ₁₅ N ₂ 211.1236	C ₁₁ H ₂₃ N ₃ O 213.1842	C ₁₅ H ₂₀ N 214.1597
C ₁₀ H ₁₆ N ₃ O ₂ 210.1244	C ₁₄ H ₂₇ O 211.2063	C ₁₁ H ₂₅ N ₄ 213.2081	C ₁₆ H ₂₂ 214.1722
C ₁₀ H ₁₈ N ₄ O 210.1482	C ₁₄ H ₂₉ N 211.2301	C ₁₂ H ₉ N ₂ O ₂ 213.0664	215
C ₁₁ H ₁₄ O ₄ 210.0892	C ₁₅ H ₁₅ O 211.1123	C ₁₂ H ₁₁ N ₃ O 213.0903	C ₉ H ₁₅ N ₂ O ₄ 215.1032
C ₁₁ H ₁₆ NO ₃ 210.1131	C ₁₅ H ₁₇ N 211.1362	C ₁₂ H ₁₃ N ₄ 213.1142	C ₉ H ₁₇ N ₃ O ₃ 215.1271
C ₁₁ H ₁₈ N ₂ O ₂ 210.1369	C ₁₅ H ₃₁ 211.2427	C ₁₂ H ₂₁ O ₃ 213.1491	C ₉ H ₁₉ N ₄ O ₂ 215.1509
C ₁₁ H ₂₀ N ₃ O 210.1608	C ₁₆ H ₁₉ 211.1488	C ₁₂ H ₂₃ NO ₂ 213.1730	C ₁₀ H ₇ N ₄ O ₂ 215.0570
C ₁₁ H ₂₂ N ₄ 210.1846	212	C ₁₂ H ₂₅ N ₂ O 213.1968	C ₁₀ H ₁₇ NO ₄ 215.1158
C ₁₂ H ₈ N ₃ O 210.0668	C ₉ H ₁₂ N ₂ O ₄ 212.0797	C ₁₂ H ₂₇ N ₃ 213.2207	C ₁₀ H ₁₉ N ₂ O ₃ 215.1396
C ₁₂ H ₁₀ N ₄ 210.0907	C ₉ H ₁₄ N ₃ O ₃ 212.1036	C ₁₃ H ₉ O ₃ 213.0552	C ₁₀ H ₂₁ N ₃ O ₂ 215.1635
C ₁₂ H ₁₈ O ₃ 210.1256	C ₉ H ₁₆ N ₄ O ₂ 212.1275	C ₁₃ H ₁₁ NO ₂ 213.0790	C ₁₀ H ₂₃ N ₄ O 215.1873
C ₁₂ H ₂₀ NO ₂ 210.1495	C ₁₀ H ₁₄ NO ₄ 212.0923	C ₁₃ H ₁₃ N ₂ O 213.1029	C ₁₁ H ₇ N ₂ O ₃ 215.0457
C ₁₂ H ₂₂ N ₂ O 210.1733	C ₁₀ H ₁₆ N ₂ O ₃ 212.1162	C ₁₃ H ₁₅ N ₃ 213.1267	C ₁₁ H ₉ N ₃ O ₂ 215.0695
C ₁₂ H ₂₄ N ₃ 210.1972	C ₁₀ H ₁₈ N ₃ O ₂ 212.1400	C ₁₃ H ₂₅ O ₂ 213.1855	C ₁₁ H ₁₁ N ₄ O 215.0934
C ₁₃ H ₈ NO ₂ 210.0555	C ₁₀ H ₂₀ N ₄ O 212.1639	C ₁₃ H ₂₇ NO 213.2094	C ₁₁ H ₁₉ O ₄ 215.1284
C ₁₃ H ₁₀ N ₂ O 210.0794	C ₁₁ H ₈ N ₄ O 212.0699	C ₁₃ H ₂₉ N ₂ 213.2332	C ₁₁ H ₂₁ NO ₃ 215.1522
C ₁₃ H ₁₂ N ₃ 210.1032	C ₁₁ H ₁₆ O ₄ 212.1049	C ₁₄ H ₁₃ O ₂ 213.0916	C ₁₁ H ₂₃ N ₂ O ₂ 215.1761
C ₁₃ H ₂₂ O ₂ 210.1620	C ₁₁ H ₁₈ NO ₃ 212.1287	C ₁₄ H ₁₅ NO 213.1154	C ₁₁ H ₂₅ N ₃ O 215.1999
C ₁₃ H ₂₄ NO 210.1859	C ₁₁ H ₂₀ N ₂ O ₂ 212.1526	C ₁₄ H ₁₇ N ₂ 213.1393	C ₁₁ H ₂₇ N ₄ 215.2238
C ₁₃ H ₂₆ N ₂ 210.2098	C ₁₁ H ₂₂ N ₃ O 212.1764	C ₁₄ H ₂₉ O 213.2219	C ₁₂ H ₉ NO ₃ 215.0583
C ₁₄ H ₁₀ O ₂ 210.0681	C ₁₁ H ₂₄ N ₄ 212.2003	C ₁₅ H ₁₇ O 213.1280	C ₁₂ H ₁₁ N ₂ O ₂ 215.0821
C ₁₄ H ₁₂ NO 210.0919	C ₁₂ H ₈ N ₂ O ₂ 212.0586	C ₁₅ H ₁₉ N 213.1519	C ₁₂ H ₁₃ N ₃ O 215.1060
C ₁₄ H ₁₄ N ₂ 210.1158	C ₁₂ H ₁₀ N ₃ O 212.0825	C ₁₆ H ₂₁ 213.1644	C ₁₂ H ₁₅ N ₄ 215.1298
C ₁₄ H ₂₆ O 210.1985	C ₁₂ H ₁₂ N ₄ 212.1063	214	C ₁₂ H ₂₃ O ₃ 215.1648
C ₁₄ H ₂₈ N 210.2223	C ₁₂ H ₂₀ O ₃ 212.1413	C ₉ H ₁₄ N ₂ O ₄ 214.0954	C ₁₂ H ₂₅ NO ₂ 215.1886
C ₁₅ H ₁₄ O 210.1045	C ₁₂ H ₂₂ NO ₂ 212.1651	C ₉ H ₁₆ N ₃ O ₃ 214.1193	C ₁₂ H ₂₇ N ₂ O 215.2125
C ₁₅ H ₁₆ N 210.1284	C ₁₂ H ₂₄ N ₂ O 212.1890	C ₉ H ₁₈ N ₄ O ₂ 214.1431	C ₁₂ H ₂₉ N ₃ 215.2363
C ₁₅ H ₃₀ 210.2349	C ₁₂ H ₂₆ N ₃ 212.2129	C ₁₀ H ₁₆ NO ₄ 214.1080	C ₁₃ H ₁₁ O ₃ 215.0708

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₁₃ H ₁₃ NO ₂	215.0947	C ₁₁ H ₇ NO ₄	217.0375	C ₁₄ H ₂₂ N ₂	218.1784	C ₁₁ H ₁₆ N ₄ O	220.1325
C ₁₃ H ₁₅ N ₂ O	215.1185	C ₁₁ H ₉ N ₂ O ₃	217.0614	C ₁₅ H ₁₀ N ₂	218.0845	C ₁₂ H ₁₂ O ₄	220.0735
C ₁₃ H ₁₇ N ₃	215.1424	C ₁₁ H ₁₁ N ₃ O ₂	217.0852	C ₁₅ H ₂₂ O	218.1671	C ₁₂ H ₁₄ NO ₃	220.0974
C ₁₄ H ₁₅ O ₂	215.1072	C ₁₁ H ₁₃ N ₄ O	217.1091	C ₁₅ H ₂₄ N	218.1910	C ₁₂ H ₁₆ N ₂ O ₂	220.1213
C ₁₄ H ₁₇ NO	215.1311	C ₁₁ H ₂₁ O ₄	217.1440	C ₁₆ H ₁₀ O	218.0732	C ₁₂ H ₁₈ N ₃ O	220.1451
C ₁₄ H ₁₉ N ₂	215.1549	C ₁₁ H ₂₃ NO ₃	217.1679	C ₁₆ H ₁₂ N	218.0970	C ₁₂ H ₂₀ N ₄	220.1690
C ₁₅ H ₁₉ O	215.1436	C ₁₁ H ₂₅ N ₂ O ₂	217.1917	C ₁₆ H ₂₆	218.2036	C ₁₃ H ₈ N ₄	220.0750
C ₁₅ H ₂₁ N	215.1675	C ₁₁ H ₂₇ N ₃ O	217.2156	C ₁₇ H ₁₄	218.1096	C ₁₃ H ₁₆ O ₃	220.1100
C ₁₆ H ₂₃	215.1801	C ₁₂ H ₉ O ₄	217.0501	219		C ₁₃ H ₁₈ NO ₂	220.1338
216		C ₁₂ H ₁₁ NO ₃	217.0739	C ₉ H ₁₉ N ₂ O ₄	219.1345	C ₁₃ H ₂₀ N ₂ O	220.1577
C ₉ H ₁₆ N ₂ O ₄	216.1111	C ₁₂ H ₁₃ N ₂ O ₂	217.0978	C ₉ H ₂₁ N ₃ O ₃	219.1584	C ₁₃ H ₂₂ N ₃	220.1815
C ₉ H ₁₈ N ₃ O ₃	216.1349	C ₁₂ H ₁₅ N ₃ O	217.1216	C ₉ H ₂₃ N ₄ O ₂	219.1822	C ₁₄ H ₁₀ N ₃	220.0876
C ₉ H ₂₀ N ₄ O ₂	216.1588	C ₁₂ H ₁₇ N ₄	217.1455	C ₁₀ H ₇ N ₂ O ₄	219.0406	C ₁₄ H ₂₀ O ₂	220.1464
C ₁₀ H ₈ N ₄ O ₂	216.0648	C ₁₂ H ₂₅ O ₃	217.1804	C ₁₀ H ₉ N ₃ O ₃	219.0644	C ₁₄ H ₂₂ NO	220.1702
C ₁₀ H ₁₈ NO ₄	216.1236	C ₁₂ H ₂₇ NO ₂	217.2043	C ₁₀ H ₁₁ N ₄ O ₂	219.0883	C ₁₄ H ₂₄ N ₂	220.1941
C ₁₀ H ₂₀ N ₂ O ₃	216.1475	C ₁₃ H ₁₃ O ₃	217.0865	C ₁₀ H ₂₁ NO ₄	219.1471	C ₁₅ H ₁₀ NO	220.0763
C ₁₀ H ₂₂ N ₃ O ₂	216.1713	C ₁₃ H ₁₅ NO ₂	217.1103	C ₁₀ H ₂₃ N ₂ O ₃	219.1710	C ₁₅ H ₁₂ N ₂	220.1001
C ₁₀ H ₂₄ N ₄ O	216.1952	C ₁₃ H ₁₇ N ₂ O	217.1342	C ₁₀ H ₂₅ N ₃ O ₂	219.1948	C ₁₅ H ₂₄ O	220.1828
C ₁₁ H ₈ N ₂ O ₃	216.0535	C ₁₃ H ₁₉ N ₃	217.1580	C ₁₁ H ₉ NO ₄	219.0532	C ₁₅ H ₂₆ N	220.2067
C ₁₁ H ₁₀ N ₃ O ₂	216.0774	C ₁₄ H ₁₇ O ₂	217.1229	C ₁₁ H ₁₁ NO ₃	219.0770	C ₁₆ H ₁₂ O	220.0888
C ₁₁ H ₁₂ N ₄ O	216.1012	C ₁₄ H ₁₉ NO	217.1467	C ₁₁ H ₁₃ N ₃ O ₂	219.1009	C ₁₆ H ₁₄ N	220.1127
C ₁₁ H ₂₀ O ₄	216.1362	C ₁₄ H ₂₁ N ₂	217.1706	C ₁₁ H ₁₅ N ₄ O	219.1247	C ₁₆ H ₂₈	220.2192
C ₁₁ H ₂₂ NO ₃	216.1600	C ₁₅ H ₉ N ₂	217.0767	C ₁₁ H ₂₃ O ₄	219.1597	C ₁₇ H ₁₆	220.1253
C ₁₁ H ₂₄ N ₂ O ₂	216.1839	C ₁₅ H ₂₁ O	217.1593	C ₁₁ H ₂₅ NO ₃	219.1835	221	
C ₁₁ H ₂₆ N ₃ O	216.2077	C ₁₅ H ₂₃ N	217.1832	C ₁₂ H ₁₁ O ₄	219.0657	C ₉ H ₂₁ N ₂ O ₄	221.1502
C ₁₁ H ₂₈ N ₄	216.2316	C ₁₆ H ₁₁ N	217.0892	C ₁₂ H ₁₃ NO ₃	219.0896	C ₉ H ₂₃ N ₃ O ₃	221.1741
C ₁₂ H ₈ O ₄	216.0422	C ₁₆ H ₂₅	217.1957	C ₁₂ H ₁₅ N ₂ O ₂	219.1134	C ₁₀ H ₉ N ₂ O ₄	221.0563
C ₁₂ H ₁₀ NO ₃	216.0661	C ₁₇ H ₁₃	217.1018	C ₁₂ H ₁₇ N ₃ O	219.1373	C ₁₀ H ₁₁ N ₃ O ₃	221.0801
C ₁₂ H ₁₂ N ₂ O ₂	216.0899	218		C ₁₂ H ₁₉ N ₄	219.1611	C ₁₀ H ₁₃ N ₄ O ₂	221.1040
C ₁₂ H ₁₄ N ₃ O	216.1138	C ₉ H ₁₈ N ₂ O ₄	218.1267	C ₁₃ H ₁₅ O ₃	219.1021	C ₁₀ H ₂₃ NO ₄	221.1628
C ₁₂ H ₁₆ N ₄	216.1377	C ₉ H ₂₀ N ₃ O ₃	218.1506	C ₁₃ H ₁₇ NO ₂	219.1260	C ₁₁ H ₁₁ NO ₄	221.0688
C ₁₂ H ₂₄ O ₃	216.1726	C ₉ H ₂₂ N ₄ O ₂	218.1744	C ₁₃ H ₁₉ N ₂ O	219.1498	C ₁₁ H ₁₃ N ₂ O ₃	221.0927
C ₁₂ H ₂₆ NO ₂	216.1965	C ₁₀ H ₈ N ₃ O ₃	218.0566	C ₁₃ H ₂₁ N ₃	219.1737	C ₁₁ H ₁₅ N ₃ O ₂	221.1165
C ₁₂ H ₂₈ N ₂ O	216.2203	C ₁₀ H ₁₀ N ₄ O ₂	218.0805	C ₁₄ H ₉ N ₃	219.0798	C ₁₁ H ₁₇ N ₄ O	221.1404
C ₁₃ H ₁₂ O ₃	216.0786	C ₁₀ H ₂₀ NO ₄	218.1393	C ₁₄ H ₁₉ O ₂	219.1385	C ₁₂ H ₁₃ O ₄	221.0814
C ₁₃ H ₁₄ NO ₂	216.1025	C ₁₀ H ₂₂ N ₂ O ₃	218.1631	C ₁₄ H ₂₁ NO	219.1624	C ₁₂ H ₁₅ NO ₃	221.1052
C ₁₃ H ₁₆ N ₂ O	216.1264	C ₁₀ H ₂₄ N ₃ O ₂	218.1870	C ₁₄ H ₂₃ N ₂	219.1863	C ₁₂ H ₁₇ N ₂ O ₂	221.1291
C ₁₃ H ₁₈ N ₃	216.1502	C ₁₀ H ₂₆ N ₄ O	218.2108	C ₁₅ H ₉ NO	219.0684	C ₁₂ H ₁₉ N ₃ O	221.1529
C ₁₃ H ₂₈ O ₂	216.2090	C ₁₁ H ₈ NO ₄	218.0453	C ₁₅ H ₁₁ N ₂	219.0923	C ₁₂ H ₂₁ N ₄	221.1768
C ₁₄ H ₁₆ O ₂	216.1151	C ₁₁ H ₁₀ N ₂ O ₃	218.0692	C ₁₅ H ₂₃ O	219.1750	C ₁₃ H ₉ N ₄	221.0829
C ₁₄ H ₁₈ NO	216.1389	C ₁₁ H ₁₂ N ₃ O ₂	218.0930	C ₁₅ H ₂₅ N	219.1988	C ₁₃ H ₁₇ O ₃	221.1178
C ₁₄ H ₂₀ N ₂	216.1628	C ₁₁ H ₁₄ N ₄ O	218.1169	C ₁₆ H ₁₁ O	219.0810	C ₁₃ H ₁₉ NO ₂	221.1416
C ₁₅ H ₂₀ O	216.1515	C ₁₁ H ₂₂ O ₄	218.1518	C ₁₆ H ₁₃ N	219.1049	C ₁₃ H ₂₁ N ₂ O	221.1655
C ₁₅ H ₂₂ N	216.1753	C ₁₁ H ₂₄ NO ₃	218.1757	C ₁₆ H ₂₇	219.2114	C ₁₃ H ₂₃ N ₃	221.1894
C ₁₆ H ₁₀ N	216.0814	C ₁₁ H ₂₆ N ₂ O ₂	218.1996	C ₁₇ H ₁₅	219.1174	C ₁₄ H ₉ N ₂ O	221.0715
C ₁₆ H ₂₄	216.1879	C ₁₂ H ₁₀ O ₄	218.0579	220		C ₁₄ H ₁₁ N ₃	221.0954
C ₁₇ H ₁₂	216.0939	C ₁₂ H ₁₂ NO ₃	218.0817	C ₉ H ₂₀ N ₂ O ₄	220.1424	C ₁₄ H ₂₁ O ₂	221.1542
217		C ₁₂ H ₁₄ N ₂ O ₂	218.1056	C ₉ H ₂₂ N ₃ O ₃	220.1662	C ₁₄ H ₂₃ NO	221.1781
C ₉ H ₁₇ N ₂ O ₄	217.1189	C ₁₂ H ₁₆ N ₃ O	218.1295	C ₉ H ₂₄ N ₄ O ₂	220.1901	C ₁₄ H ₂₅ N ₂	221.2019
C ₉ H ₁₉ N ₃ O ₃	217.1427	C ₁₂ H ₁₈ N ₄	218.1533	C ₁₀ H ₈ N ₂ O ₄	220.0484	C ₁₅ H ₉ O ₂	221.0603
C ₉ H ₂₁ N ₄ O ₂	217.1666	C ₁₂ H ₂₆ O ₃	218.1883	C ₁₀ H ₁₀ N ₃ O ₃	220.0723	C ₁₅ H ₁₁ NO	221.0841
C ₁₀ H ₇ N ₃ O ₃	217.0488	C ₁₃ H ₁₄ O ₃	218.0943	C ₁₀ H ₁₂ N ₄ O ₂	220.0961	C ₁₅ H ₁₃ N ₂	221.1080
C ₁₀ H ₉ N ₄ O ₂	217.0726	C ₁₃ H ₁₆ NO ₂	218.1182	C ₁₀ H ₂₂ NO ₄	220.1549	C ₁₅ H ₂₅ O	221.1906
C ₁₀ H ₁₉ NO ₄	217.1315	C ₁₃ H ₁₈ N ₂ O	218.1420	C ₁₀ H ₂₄ N ₂ O ₃	220.1788	C ₁₅ H ₂₇ N	221.2145
C ₁₀ H ₂₁ N ₂ O ₃	217.1553	C ₁₃ H ₂₀ N ₃	218.1659	C ₁₁ H ₁₀ NO ₄	220.0610	C ₁₆ H ₁₃ O	221.0967
C ₁₀ H ₂₃ N ₃ O ₂	217.1791	C ₁₄ H ₁₈ O ₂	218.1307	C ₁₁ H ₁₂ N ₂ O ₃	220.0848	C ₁₆ H ₁₅ N	221.1205
C ₁₀ H ₂₅ N ₄ O	217.2030	C ₁₄ H ₂₀ NO	218.1546	C ₁₁ H ₁₄ N ₃ O ₂	220.1087	C ₁₆ H ₂₉	221.2270

APPENDIX A (Continued)

FM	FM	FM	FM
C ₁₇ H ₁₇ 221.1331	C ₁₄ H ₉ NO ₂ 223.0634	C ₁₁ H ₂₁ N ₄ O 225.1717	C ₁₄ H ₂₈ NO 226.2172
222	C ₁₄ H ₁₁ N ₂ O 223.0872	C ₁₂ H ₉ N ₄ O 225.0777	C ₁₄ H ₃₀ N ₂ 226.2411
C ₉ H ₂₂ N ₂ O ₄ 222.1580	C ₁₄ H ₁₃ N ₃ 223.1111	C ₁₂ H ₁₇ O ₄ 225.1127	C ₁₅ H ₁₄ O ₂ 226.0994
C ₁₀ H ₁₀ N ₂ O ₄ 222.0641	C ₁₄ H ₂₃ O ₂ 223.1699	C ₁₂ H ₁₉ NO ₃ 225.1365	C ₁₅ H ₁₆ NO 226.1233
C ₁₀ H ₁₂ N ₃ O ₃ 222.0879	C ₁₄ H ₂₅ NO 223.1937	C ₁₂ H ₂₁ N ₂ O ₂ 225.1604	C ₁₅ H ₁₈ N ₂ 226.1471
C ₁₀ H ₁₄ N ₄ O ₂ 222.1118	C ₁₄ H ₂₇ N ₂ 223.2176	C ₁₂ H ₂₃ N ₃ O 225.1842	C ₁₅ H ₃₀ O 226.2298
C ₁₁ H ₁₂ NO ₄ 222.0766	C ₁₅ H ₁₁ O ₂ 223.0759	C ₁₂ H ₂₅ N ₄ 225.2081	C ₁₅ H ₃₂ N 226.2536
C ₁₁ H ₁₄ N ₂ O ₃ 222.1005	C ₁₅ H ₁₃ NO 223.0998	C ₁₃ H ₉ N ₂ O ₂ 225.0664	C ₁₆ H ₁₈ O 226.1358
C ₁₁ H ₁₆ N ₃ O ₂ 222.1244	C ₁₅ H ₂₇ O 223.2063	C ₁₃ H ₁₁ N ₃ O 225.0903	C ₁₆ H ₂₀ N 226.1597
C ₁₁ H ₁₈ N ₄ O 222.1482	C ₁₅ H ₂₉ N 223.2301	C ₁₃ H ₁₃ N ₄ 225.1142	C ₁₆ H ₃₄ 226.2662
C ₁₁ N ₃ O ₃ 221.9940	C ₁₆ H ₁₅ O 223.1123	C ₁₃ H ₂₁ O ₃ 225.1491	C ₁₇ H ₂₂ 226.1722
C ₁₂ H ₁₄ O ₄ 222.0892	C ₁₆ H ₁₇ N 223.1362	C ₁₃ H ₂₃ NO ₂ 225.1730	227
C ₁₂ H ₁₆ NO ₃ 222.1131	C ₁₆ H ₃₁ 223.2427	C ₁₃ H ₂₅ N ₂ O 225.1968	C ₁₀ H ₁₅ N ₂ O ₄ 227.1032
C ₁₂ H ₁₈ N ₂ O ₂ 222.1369	C ₁₇ H ₁₉ 223.1488	C ₁₃ H ₂₇ N ₃ 225.2207	C ₁₀ H ₁₇ N ₃ O ₃ 227.1271
C ₁₂ H ₂₀ N ₃ O 222.1608	224	C ₁₄ H ₉ O ₃ 225.0552	C ₁₀ H ₁₉ N ₄ O ₂ 227.1509
C ₁₂ H ₂₂ N ₄ 222.1846	C ₁₀ H ₁₂ N ₂ O ₄ 224.0797	C ₁₄ H ₁₁ NO ₂ 225.0790	C ₁₁ H ₁₇ NO ₄ 227.1158
C ₁₃ H ₈ N ₃ O 222.0668	C ₁₀ H ₁₄ N ₃ O ₃ 224.1036	C ₁₄ H ₁₃ N ₂ O 225.1029	C ₁₁ H ₂₁ N ₃ O ₂ 227.1635
C ₁₃ H ₁₀ N ₄ 222.0907	C ₁₀ H ₁₆ N ₄ O ₂ 224.1275	C ₁₄ H ₁₅ N ₃ 225.1267	C ₁₁ H ₂₃ N ₄ O 227.1873
C ₁₃ H ₁₈ O ₃ 222.1256	C ₁₁ H ₁₄ NO ₄ 224.0923	C ₁₄ H ₂₅ O ₂ 225.1855	C ₁₂ H ₇ N ₂ O ₃ 227.0457
C ₁₃ H ₂₀ NO ₂ 222.1495	C ₁₁ H ₁₆ N ₂ O ₃ 224.1162	C ₁₄ H ₂₇ NO 225.2094	C ₁₂ H ₉ N ₃ O ₂ 227.0695
C ₁₃ H ₂₂ N ₂ O 222.1733	C ₁₁ H ₁₈ N ₃ O ₂ 224.1400	C ₁₄ H ₂₉ N ₂ 225.2332	C ₁₂ H ₁₁ N ₄ O 227.0934
C ₁₃ H ₂₄ N ₃ 222.1972	C ₁₁ H ₂₀ N ₄ O 224.1639	C ₁₅ H ₁₃ O ₂ 225.0916	C ₁₂ H ₁₉ O ₄ 227.1284
C ₁₄ H ₁₀ N ₂ O 222.0794	C ₁₂ H ₈ N ₄ O 224.0699	C ₁₅ H ₁₅ NO 225.1154	C ₁₂ H ₂₁ NO ₃ 227.1522
C ₁₄ H ₁₂ N ₃ 222.1032	C ₁₂ H ₁₆ O ₄ 224.1049	C ₁₅ H ₁₇ N ₂ 225.1393	C ₁₂ H ₂₃ N ₂ O ₂ 227.1761
C ₁₄ H ₂₂ O ₂ 222.1620	C ₁₂ H ₁₈ NO ₃ 224.1287	C ₁₅ H ₂₉ O 225.2219	C ₁₂ H ₂₅ N ₃ O 227.1999
C ₁₄ H ₂₄ NO 222.1859	C ₁₂ H ₂₀ N ₂ O ₂ 224.1526	C ₁₅ H ₃₁ N 225.2458	C ₁₂ H ₂₇ N ₄ 227.2238
C ₁₄ H ₂₆ N ₂ 222.2098	C ₁₂ H ₂₂ N ₃ O 224.1764	C ₁₆ H ₁₇ O 225.1280	C ₁₃ H ₉ NO ₃ 227.0583
C ₁₅ H ₁₀ O ₂ 222.0681	C ₁₂ H ₂₄ N ₄ 224.2003	C ₁₆ H ₁₉ N 225.1519	C ₁₃ H ₁₁ N ₂ O ₂ 227.0821
C ₁₅ H ₁₂ NO 222.0919	C ₁₃ H ₈ N ₂ O ₂ 224.0586	C ₁₆ H ₃₃ 225.2584	C ₁₃ H ₁₃ N ₃ O 227.1060
C ₁₅ H ₁₄ N ₂ 222.1158	C ₁₃ H ₁₀ N ₃ O 224.0825	C ₁₇ H ₂₁ 225.1644	C ₁₃ H ₁₅ N ₄ 227.1298
C ₁₅ H ₂₆ O 222.1985	C ₁₃ H ₁₂ N ₄ 224.1063	226	C ₁₃ H ₂₅ NO ₂ 227.1886
C ₁₅ H ₂₈ N 222.2223	C ₁₃ H ₂₀ O ₃ 224.1413	C ₁₀ H ₁₄ N ₂ O ₄ 226.0954	C ₁₃ H ₂₇ N ₂ O 227.2125
C ₁₆ H ₁₄ O 222.1045	C ₁₃ H ₂₂ NO ₂ 224.1651	C ₁₀ H ₁₆ N ₃ O ₃ 226.1193	C ₁₃ H ₂₉ N ₃ 227.2363
C ₁₆ H ₁₆ N 222.1284	C ₁₃ H ₂₄ N ₂ O 224.1890	C ₁₀ H ₁₈ N ₄ O ₂ 226.1431	C ₁₄ H ₁₁ O ₃ 227.0708
C ₁₆ H ₃₀ 222.2349	C ₁₃ H ₂₆ N ₃ 224.2129	C ₁₁ H ₁₆ NO ₄ 226.1080	C ₁₄ H ₁₃ NO ₂ 227.0947
C ₁₆ NO 221.9980	C ₁₄ H ₁₀ NO ₂ 224.0712	C ₁₁ H ₁₈ N ₂ O ₃ 226.1318	C ₁₄ H ₁₅ N ₂ O 227.1185
C ₁₇ H ₁₈ 222.1409	C ₁₄ H ₁₂ N ₂ O 224.0950	C ₁₁ H ₂₀ N ₃ O ₂ 226.1557	C ₁₄ H ₁₇ N ₃ 227.1424
223	C ₁₄ H ₁₄ N ₃ 224.1189	C ₁₁ H ₂₂ N ₄ O 226.1795	C ₁₄ H ₂₇ O ₂ 227.2012
C ₁₀ H ₁₁ N ₂ O ₄ 223.0719	C ₁₄ H ₂₄ O ₂ 224.1777	C ₁₂ H ₈ N ₃ O ₂ 226.0617	C ₁₄ H ₂₉ NO 227.2250
C ₁₀ H ₁₃ N ₃ O ₃ 223.0958	C ₁₄ H ₂₆ NO 224.2015	C ₁₂ H ₁₀ N ₄ O 226.0856	C ₁₅ H ₁₅ O ₂ 227.1072
C ₁₀ H ₁₅ N ₄ O ₂ 223.1196	C ₁₄ H ₂₈ N ₂ 224.2254	C ₁₂ H ₁₈ O ₄ 226.1205	C ₁₅ H ₁₇ NO 227.1311
C ₁₁ H ₁₃ NO ₄ 223.0845	C ₁₅ H ₁₂ O ₂ 224.0837	C ₁₂ H ₂₀ NO ₃ 226.1444	C ₁₅ H ₁₉ N ₂ 227.1549
C ₁₁ H ₁₅ N ₂ O ₃ 223.1083	C ₁₅ H ₁₄ NO 224.1076	C ₁₂ H ₂₂ N ₂ O ₂ 226.1682	C ₁₅ H ₃₁ O 227.2376
C ₁₁ H ₁₇ N ₃ O ₂ 223.1322	C ₁₅ H ₁₆ N ₂ 224.1315	C ₁₂ H ₂₄ N ₃ O 226.1929	C ₁₅ H ₃₃ N 227.2615
C ₁₁ H ₁₉ N ₄ O 223.1560	C ₁₅ H ₂₈ O 224.2141	C ₁₂ H ₂₆ N ₄ 226.2160	C ₁₆ H ₁₉ O 227.1436
C ₁₂ H ₇ N ₄ O 223.0621	C ₁₅ H ₃₀ N 224.2380	C ₁₃ H ₁₀ N ₂ O ₂ 226.0743	C ₁₆ H ₂₁ N 227.1675
C ₁₂ H ₁₅ O ₄ 223.0970	C ₁₆ H ₁₆ O 224.1202	C ₁₃ H ₁₂ N ₃ O 226.0981	C ₁₇ H ₂₃ 227.1801
C ₁₂ H ₁₇ NO ₃ 223.1209	C ₁₆ H ₁₈ N 224.1440	C ₁₃ H ₁₄ N ₄ 226.1220	228
C ₁₂ H ₁₉ N ₂ O ₂ 223.1447	C ₁₆ H ₃₂ 224.2505	C ₁₃ H ₂₂ O ₃ 226.1569	C ₁₀ H ₁₆ N ₂ O ₂ 228.1111
C ₁₂ H ₂₁ N ₃ O 223.1686	C ₁₇ H ₂₀ 224.1566	C ₁₃ H ₂₄ NO ₂ 226.1808	C ₁₀ H ₁₈ N ₃ O ₃ 228.1349
C ₁₂ H ₂₃ N ₄ 223.1925	225	C ₁₃ H ₂₆ N ₂ O 226.2046	C ₁₀ H ₂₀ N ₄ O ₂ 228.1588
C ₁₃ H ₉ N ₃ O 223.0746	C ₁₀ H ₁₃ N ₂ O ₄ 225.0876	C ₁₃ H ₂₈ N ₃ 226.2285	C ₁₁ H ₈ N ₄ O ₂ 228.0648
C ₁₃ H ₁₁ N ₄ 223.0985	C ₁₀ H ₁₅ N ₃ O ₃ 225.1114	C ₁₄ H ₁₀ O ₃ 226.0630	C ₁₁ H ₁₈ NO ₄ 228.1236
C ₁₃ H ₁₉ O ₃ 223.1334	C ₁₀ H ₁₇ N ₄ O ₂ 225.1353	C ₁₄ H ₁₂ NO ₂ 226.0868	C ₁₁ H ₂₀ N ₂ O ₃ 228.1475
C ₁₃ H ₂₁ NO ₂ 223.1573	C ₁₁ H ₁₅ NO ₄ 225.1001	C ₁₄ H ₁₄ N ₂ O 226.1107	C ₁₁ H ₂₂ N ₃ O ₂ 228.1713
C ₁₃ H ₂₃ N ₂ O 223.1811	C ₁₁ H ₁₇ N ₂ O ₃ 225.1240	C ₁₄ H ₁₆ N ₃ 226.1346	C ₁₁ H ₂₄ N ₄ O 228.1952
C ₁₃ H ₂₅ N ₃ 223.2050	C ₁₁ H ₁₉ N ₃ O ₂ 225.1478	C ₁₄ H ₂₆ O ₂ 226.1934	C ₁₂ H ₈ N ₂ O ₃ 228.0535

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₁₂ H ₁₂ N ₄ O	228.1012	C ₁₄ H ₁₅ NO ₂	229.1103	C ₁₀ H ₂₃ N ₄ O ₂	231.1822	C ₁₃ H ₂₀ N ₄	232.1690
C ₁₂ H ₂₀ O ₄	228.1362	C ₁₄ H ₁₇ N ₂ O	229.1342	C ₁₁ H ₇ N ₂ O ₄	231.0406	C ₁₃ H ₂₈ O ₃	232.2039
C ₁₂ H ₂₂ NO ₃	228.1600	C ₁₄ H ₁₉ N ₃	229.1580	C ₁₁ H ₉ N ₃ O ₃	231.0644	C ₁₄ H ₁₆ O ₃	232.1100
C ₁₂ H ₂₄ N ₂ O ₂	228.1839	C ₁₄ H ₂₀ O ₂	229.2168	C ₁₁ H ₁₁ N ₄ O ₂	231.0883	C ₁₄ H ₁₈ NO ₂	232.1338
C ₁₂ H ₂₆ N ₃ O	228.2077	C ₁₄ H ₃₁ NO	229.2407	C ₁₁ H ₂₁ NO ₄	231.1471	C ₁₄ H ₂₀ N ₂ O	232.1577
C ₁₂ H ₂₈ N ₄	228.2316	C ₁₅ H ₁₇ O ₂	229.1229	C ₁₁ H ₂₃ N ₂ O ₃	231.1710	C ₁₄ H ₂₂ N ₃	232.1815
C ₁₃ H ₈ O ₄	228.0422	C ₁₅ H ₁₉ NO	229.1467	C ₁₁ H ₂₅ N ₃ O ₂	231.1948	C ₁₅ H ₁₀ N ₃	232.0876
C ₁₃ H ₁₀ NO ₃	228.0661	C ₁₅ H ₂₁ N ₂	229.1706	C ₁₁ H ₂₇ N ₄ O	231.2187	C ₁₅ H ₂₀ O ₂	232.1464
C ₁₃ H ₁₂ N ₂ O ₂	228.0899	C ₁₆ H ₂₁ O	229.1593	C ₁₂ H ₉ NO ₄	231.0532	C ₁₅ H ₂₂ NO	232.1702
C ₁₃ H ₁₄ N ₃ O	228.1138	C ₁₆ H ₂₃ N	229.1832	C ₁₂ H ₁₁ N ₂ O ₃	231.0770	C ₁₅ H ₂₄ N ₂	232.1941
C ₁₃ H ₂₄ O ₃	228.1726	C ₁₇ H ₉ O	229.0653	C ₁₂ H ₁₃ N ₃ O ₂	231.1009	C ₁₆ H ₁₀ NO	232.0768
C ₁₃ H ₂₆ NO ₂	228.1965	C ₁₇ H ₁₁ N	229.0892	C ₁₂ H ₁₅ N ₄ O	231.1247	C ₁₆ H ₁₂ N ₂	232.1001
C ₁₃ H ₂₈ N ₂ O	228.2203	C ₁₈ H ₁₃	229.1018	C ₁₂ H ₂₃ O ₄	231.1597	C ₁₆ H ₂₄ O	232.1828
C ₁₃ H ₃₀ N ₃	228.2442	230		C ₁₂ H ₂₅ NO ₃	231.1835	C ₁₆ H ₂₆ N	232.2067
C ₁₄ H ₁₂ O ₃	228.0786	C ₁₀ H ₁₈ N ₂ O ₄	230.1267	C ₁₂ H ₂₇ N ₂ O ₂	231.2074	C ₁₇ H ₁₂ O	232.0888
C ₁₄ H ₁₄ NO ₂	228.1025	C ₁₀ H ₂₀ N ₃ O ₃	230.1506	C ₁₂ H ₂₉ N ₃ O	231.2312	C ₁₇ H ₁₄ N	232.1127
C ₁₄ H ₁₆ N ₂ O	228.1264	C ₁₀ H ₂₂ N ₄ O ₂	230.1744	C ₁₃ H ₁₁ O ₄	231.0657	C ₁₇ H ₂₈	232.2192
C ₁₄ H ₁₈ N ₃	228.1502	C ₁₁ H ₈ N ₃ O ₃	230.0566	C ₁₃ H ₁₃ NO ₃	231.0896	C ₁₈ H ₁₆	232.1253
C ₁₄ H ₂₈ O ₂	228.2090	C ₁₁ H ₁₀ N ₄ O ₂	230.0805	C ₁₃ H ₁₅ N ₂ O ₂	231.1134	233	
C ₁₄ H ₃₀ NO	228.2329	C ₁₁ H ₂₀ NO ₄	230.1393	C ₁₃ H ₁₇ N ₃ O	231.1373	C ₁₀ H ₂₃ N ₃ O ₃	233.1741
C ₁₄ H ₃₂ N ₂	228.2567	C ₁₁ H ₂₂ N ₂ O ₃	230.1631	C ₁₃ H ₁₉ N ₄	231.1611	C ₁₀ H ₂₅ N ₄ O ₂	233.1979
C ₁₅ H ₁₆ O ₂	228.1151	C ₁₁ H ₂₄ N ₃ O ₂	230.1870	C ₁₄ H ₁₅ O ₃	231.1021	C ₁₁ H ₉ N ₂ O ₄	233.0563
C ₁₅ H ₁₈ NO	228.1389	C ₁₁ H ₂₆ N ₄ O	230.2108	C ₁₄ H ₁₇ NO ₂	231.1260	C ₁₁ H ₁₁ N ₃ O ₃	233.0801
C ₁₅ H ₂₀ N ₂	228.1628	C ₁₂ H ₈ NO ₄	230.0453	C ₁₄ H ₁₉ N ₂ O	231.1498	C ₁₁ H ₂₃ NO ₄	233.1628
C ₁₅ H ₃₂ O	228.2454	C ₁₂ H ₁₀ N ₂ O ₃	230.0692	C ₁₄ H ₂₁ N ₃	231.1737	C ₁₁ H ₂₅ N ₂ O ₃	233.1866
C ₁₆ H ₂₀ O	228.1515	C ₁₂ H ₁₂ N ₃ O ₂	230.0930	C ₁₅ H ₉ N ₃	231.0798	C ₁₁ H ₂₇ N ₃ O ₂	233.2105
C ₁₆ H ₂₂ N	228.1753	C ₁₂ H ₁₄ N ₄ O	230.1169	C ₁₅ H ₁₉ O ₂	231.1385	C ₁₂ H ₁₁ NO ₄	233.0688
C ₁₇ H ₁₀ N	228.0814	C ₁₂ H ₂₂ O ₄	230.1518	C ₁₅ H ₂₁ NO	231.1624	C ₁₂ H ₁₃ N ₂ O ₃	233.0927
C ₁₇ H ₂₄	228.1879	C ₁₂ H ₂₄ NO ₃	230.1757	C ₁₅ H ₂₃ N ₂	231.1863	C ₁₂ H ₁₅ N ₃ O ₂	233.1165
C ₁₈ H ₁₂	228.0939	C ₁₂ H ₂₆ N ₂ O ₂	230.1996	C ₁₆ H ₉ NO	231.0684	C ₁₂ H ₁₇ N ₄ O	233.1404
229		C ₁₂ H ₂₈ N ₃ O	230.2234	C ₁₆ H ₁₁ N ₂	231.0923	C ₁₂ H ₂₅ O ₄	233.1753
C ₁₀ H ₁₇ N ₂ O ₄	229.1189	C ₁₂ H ₃₀ N ₄	230.2473	C ₁₆ H ₂₃ O	231.1750	C ₁₂ H ₂₇ NO ₃	233.1992
C ₁₀ H ₁₉ N ₃ O ₃	229.1427	C ₁₃ H ₁₀ O ₄	230.0579	C ₁₇ H ₁₁ O	231.0810	C ₁₃ H ₁₅ O ₄	233.0814
C ₁₀ H ₂₁ N ₄ O ₂	229.1666	C ₁₃ H ₁₂ NO ₃	230.0817	C ₁₇ H ₁₃ N	231.1049	C ₁₃ H ₁₅ NO ₃	233.1052
C ₁₁ H ₇ N ₃ O ₃	229.0488	C ₁₃ H ₁₄ N ₂ O ₂	230.1056	C ₁₇ H ₂₇	231.2114	C ₁₃ H ₁₇ N ₂ O ₂	233.1291
C ₁₁ H ₉ N ₄ O ₂	229.0726	C ₁₃ H ₁₆ N ₃ O	230.1295	C ₁₈ H ₁₅	231.1174	C ₁₃ H ₁₉ N ₃ O	233.1529
C ₁₁ H ₉ NO ₄	229.1315	C ₁₃ H ₁₈ N ₄	230.1533	232		C ₁₃ H ₂₁ N ₄	233.1768
C ₁₁ H ₂₁ N ₂ O ₃	229.1553	C ₁₃ H ₂₆ O ₃	230.1883	C ₁₀ H ₂₀ N ₂ O ₄	232.1424	C ₁₄ H ₉ N ₄	233.0829
C ₁₁ H ₂₃ N ₃ O ₂	229.1791	C ₁₃ H ₂₈ NO ₂	230.2121	C ₁₀ H ₂₂ N ₃ O ₃	232.1662	C ₁₄ H ₁₇ O ₃	233.1178
C ₁₁ H ₂₅ N ₄ O	229.2030	C ₁₃ H ₃₀ N ₂ O	230.2360	C ₁₀ H ₂₄ N ₄ O ₂	232.1901	C ₁₄ H ₁₉ NO ₂	233.1416
C ₁₂ H ₉ N ₂ O ₃	229.0614	C ₁₄ H ₁₄ O ₃	230.0943	C ₁₁ H ₈ N ₂ O ₄	232.0484	C ₁₄ H ₂₁ N ₂ O	233.1655
C ₁₂ H ₁₁ N ₃ O ₂	229.0852	C ₁₄ H ₁₆ NO ₂	230.1182	C ₁₁ H ₁₀ N ₃ O ₃	232.0723	C ₁₅ H ₉ N ₂ O	233.0715
C ₁₂ H ₁₃ N ₄ O	229.1091	C ₁₄ H ₁₈ N ₂ O	230.1420	C ₁₁ H ₁₂ N ₄ O ₂	232.0961	C ₁₅ H ₁₁ N ₃	233.0954
C ₁₂ H ₂₁ O ₄	229.1440	C ₁₄ H ₂₀ N ₃	230.1659	C ₁₁ H ₂₂ NO ₄	232.1549	C ₁₅ H ₂₁ O ₂	233.1542
C ₁₂ H ₂₃ NO ₃	229.1679	C ₁₄ H ₃₀ O ₂	230.2247	C ₁₁ H ₂₄ N ₂ O ₃	232.1788	C ₁₅ H ₂₃ NO	233.1781
C ₁₂ H ₂₅ N ₂ O ₂	229.1917	C ₁₅ H ₁₈ O ₂	230.1307	C ₁₁ H ₂₆ N ₃ O ₂	232.2026	C ₁₅ H ₂₅ N ₂	233.2019
C ₁₂ H ₂₇ N ₃ O	229.2156	C ₁₅ H ₂₀ NO	230.1546	C ₁₁ H ₂₈ N ₄ O	232.2265	C ₁₆ H ₉ O ₂	233.0603
C ₁₂ H ₂₉ N ₄	229.2394	C ₁₅ H ₂₂ N ₂	230.1784	C ₁₂ H ₁₀ NO ₄	232.0610	C ₁₆ H ₁₁ NO	233.0841
C ₁₃ H ₉ O ₄	229.0501	C ₁₆ H ₁₀ N ₂	230.0845	C ₁₂ H ₁₂ N ₂ O ₃	232.0848	C ₁₆ H ₁₃ N ₂	233.1080
C ₁₃ H ₁₁ NO ₃	229.0739	C ₁₆ H ₂₂ O	230.1671	C ₁₂ H ₁₄ N ₃ O ₂	232.1087	C ₁₆ H ₂₅ O	233.1906
C ₁₃ H ₁₃ N ₂ O ₂	229.0978	C ₁₆ H ₂₄ N	230.1910	C ₁₂ H ₁₆ N ₄ O	232.1325	C ₁₆ H ₂₇ N	233.2145
C ₁₃ H ₁₅ N ₃ O	229.1216	C ₁₇ H ₁₀ O	230.0732	C ₁₂ H ₂₄ O ₄	232.1675	C ₁₇ H ₁₃ O	233.0967
C ₁₃ H ₁₇ N ₄	229.1455	C ₁₇ H ₁₂ N	230.0970	C ₁₂ H ₂₆ NO ₃	232.1914	C ₁₇ H ₁₅ N	233.1205
C ₁₃ H ₂₅ O ₃	229.1804	C ₁₇ H ₂₆	230.2036	C ₁₂ H ₂₈ N ₂ O ₂	232.2152	C ₁₇ H ₂₉	233.2270
C ₁₃ H ₂₇ NO ₂	229.2043	C ₁₈ H ₁₄	230.1096	C ₁₃ H ₁₂ O ₄	232.0735	C ₁₈ H ₁₇	233.1331
C ₁₃ H ₂₉ N ₂ O	229.2281	231		C ₁₃ H ₁₄ NO ₃	232.0974	234	
C ₁₃ H ₃₁ N ₃	229.2520	C ₁₀ H ₁₉ N ₂ O ₄	231.1345	C ₁₃ H ₁₆ N ₂ O ₂	232.1213	C ₁₀ H ₂₂ N ₂ O ₄	234.1580
C ₁₄ H ₁₃ O ₃	229.0865	C ₁₀ H ₂₁ N ₃ O ₃	231.1584	C ₁₃ H ₁₈ N ₃ O	232.1451	C ₁₀ H ₂₄ N ₃ O ₃	234.1819

APPENDIX A (Continued)

FM	FM	FM	FM
C ₁₀ H ₂₆ N ₄ O ₂ 234.2057	C ₁₅ H ₁₃ N ₃ 235.1111	C ₁₂ H ₂₁ N ₄ O 237.1717	C ₁₅ H ₃₀ N ₂ 238.2411
C ₁₁ H ₁₀ N ₂ O ₄ 234.0641	C ₁₅ H ₂₃ O ₂ 235.1699	C ₁₃ H ₉ N ₄ O 237.0777	C ₁₆ H ₁₄ O ₂ 238.0994
C ₁₁ H ₁₂ N ₃ O ₃ 234.0879	C ₁₅ H ₂₅ NO 235.1937	C ₁₃ H ₁₇ O ₄ 237.1127	C ₁₆ H ₁₆ NO 238.1233
C ₁₁ H ₁₄ N ₄ O ₂ 234.1118	C ₁₅ H ₂₇ N ₂ 235.2176	C ₁₃ H ₁₉ NO ₃ 237.1365	C ₁₆ H ₁₈ N ₂ 238.1471
C ₁₁ H ₂₄ NO ₄ 234.1706	C ₁₆ H ₁₁ O ₂ 235.0759	C ₁₃ H ₂₁ N ₂ O ₂ 237.1604	C ₁₆ H ₃₀ O 238.2298
C ₁₁ H ₂₆ N ₂ O ₃ 234.1945	C ₁₆ H ₁₃ NO 235.0998	C ₁₃ H ₂₃ N ₃ O 237.1842	C ₁₆ H ₃₂ N 238.2536
C ₁₂ H ₁₂ NO ₄ 234.0766	C ₁₆ H ₁₅ N ₂ 235.1236	C ₁₃ H ₂₅ N 237.2081	C ₁₇ H ₁₈ O 238.1358
C ₁₂ H ₁₄ N ₂ O ₃ 234.1005	C ₁₆ H ₂₇ O 235.2063	C ₁₄ H ₉ N ₂ O ₂ 237.0664	C ₁₇ H ₂₀ N 238.1597
C ₁₂ H ₁₆ N ₃ O ₂ 234.1244	C ₁₆ H ₂₉ N 235.2301	C ₁₄ H ₁₁ N ₃ O 237.0903	C ₁₇ H ₃₄ 238.2662
C ₁₂ H ₁₈ N ₄ O 234.1482	C ₁₇ H ₁₅ O 235.1123	C ₁₄ H ₁₃ N ₄ 237.1142	C ₁₈ H ₂₂ 238.1722
C ₁₂ H ₂₆ O ₄ 234.1832	C ₁₇ H ₁₇ N 235.1362	C ₁₄ H ₂₁ O ₃ 237.1491	239
C ₁₃ H ₁₄ O ₄ 234.0892	C ₁₇ H ₃₁ 235.2427	C ₁₄ H ₂₃ NO ₂ 237.1730	C ₁₁ H ₁₅ N ₂ O ₄ 239.1032
C ₁₃ H ₁₆ NO ₃ 234.1131	C ₁₈ H ₁₉ 235.1488	C ₁₄ H ₂₅ N ₂ O 237.1968	C ₁₁ H ₁₇ N ₃ O ₃ 239.1271
C ₁₃ H ₁₈ N ₂ O ₂ 234.1369	236	C ₁₄ H ₂₇ N ₃ 237.2207	C ₁₁ H ₁₉ N ₄ O ₂ 239.1509
C ₁₃ H ₂₀ N ₃ O 234.1608	C ₁₀ H ₂₄ N ₂ O ₄ 236.1737	C ₁₅ H ₉ O ₃ 237.0552	C ₁₂ H ₁₇ NO ₄ 239.1158
C ₁₃ H ₂₂ N ₄ 234.1846	C ₁₁ H ₁₂ N ₂ O ₄ 236.0797	C ₅ H ₁₁ NO ₂ 237.0790	C ₁₂ H ₁₉ N ₂ O ₃ 239.1396
C ₁₄ H ₁₀ N ₄ 234.0907	C ₁₁ H ₁₄ N ₃ O ₃ 236.1036	C ₁₅ H ₁₃ N ₂ O 237.1029	C ₁₂ H ₂₁ N ₃ O ₂ 239.1635
C ₁₄ H ₁₈ O ₃ 234.1256	C ₁₁ H ₁₆ N ₄ O ₂ 236.1275	C ₁₅ H ₁₅ N ₃ 237.1267	C ₁₂ H ₂₃ N ₄ O 239.1873
C ₁₄ H ₂₀ NO ₂ 234.1495	C ₁₂ H ₂ N ₃ O ₃ 236.0096	C ₁₅ H ₂₅ O ₂ 237.1855	C ₁₃ H ₉ N ₃ O ₂ 239.0695
C ₁₄ H ₂₂ N ₂ O 234.1733	C ₁₂ H ₄ N ₄ O ₂ 236.0335	C ₁₅ H ₂₇ NO 237.2094	C ₁₃ H ₁₁ N ₄ O 239.0934
C ₁₄ H ₂₄ N ₃ 234.1972	C ₁₂ H ₁₄ NO ₄ 236.0923	C ₁₅ H ₂₉ N ₂ 237.2332	C ₁₃ H ₁₉ O ₄ 239.1284
C ₁₅ H ₁₀ N ₂ O 234.0794	C ₁₂ H ₁₆ N ₂ O ₃ 236.1162	C ₁₆ H ₁₃ O ₂ 237.0916	C ₁₃ H ₂₁ NO ₃ 239.1522
C ₁₅ H ₁₂ N ₃ 234.1032	C ₁₂ H ₁₈ N ₃ O ₂ 236.1400	C ₁₆ H ₁₅ NO 237.1154	C ₁₃ H ₂₃ N ₂ O ₂ 239.1761
C ₁₅ H ₂₂ O ₂ 234.1620	C ₁₂ H ₂₀ N ₄ O 236.1639	C ₁₆ H ₁₇ N ₂ 237.1393	C ₁₃ H ₂₅ N ₃ O 239.1999
C ₁₅ H ₂₄ NO 234.1859	C ₁₃ H ₈ N ₄ O 236.0699	C ₁₆ H ₂₉ O 237.2219	C ₁₃ H ₂₇ N ₄ 239.2238
C ₁₅ H ₂₆ N ₂ 234.2098	C ₁₃ H ₁₆ O ₄ 236.1049	C ₁₆ H ₃₁ N 237.2458	C ₁₄ H ₉ NO ₃ 239.0583
C ₁₆ H ₁₀ O ₂ 234.0681	C ₁₃ H ₁₈ NO ₃ 236.1287	C ₁₇ H ₁₇ O 237.1280	C ₁₄ H ₁₁ N ₂ O ₂ 239.0821
C ₁₆ H ₁₂ NO 234.0919	C ₁₃ H ₂₀ N ₂ O ₂ 236.1526	C ₁₇ H ₁₉ N 237.1519	C ₁₄ H ₁₃ N ₃ O 239.1060
C ₁₆ H ₁₄ N ₂ 234.1158	C ₁₃ H ₂₂ N ₃ O 236.1764	C ₁₇ H ₃₃ 237.2584	C ₁₄ H ₁₅ N ₄ 239.1298
C ₁₆ H ₂₆ O 234.1985	C ₁₃ H ₂₄ N ₄ 236.2003	C ₁₈ H ₂₁ 237.1644	C ₁₄ H ₂₃ O ₃ 239.1648
C ₁₆ H ₂₈ N 234.2223	C ₁₄ H ₁₀ N ₃ O 236.0825	238	C ₁₄ H ₂₅ NO ₂ 239.1886
C ₁₇ H ₁₆ N 234.1284	C ₁₄ H ₁₂ N ₄ 236.1063	C ₁₁ H ₁₄ N ₂ O ₄ 238.0954	C ₁₄ H ₂₇ N ₂ O 239.2125
C ₁₇ H ₃₀ 234.2349	C ₁₄ H ₂₀ O ₃ 236.1413	C ₁₁ H ₁₆ N ₃ O ₃ 238.1193	C ₁₄ H ₂₉ N ₃ 239.2363
C ₁₈ H ₁₈ 234.1409	C ₁₄ H ₂₂ NO ₂ 236.1651	C ₁₁ H ₁₈ N ₄ O ₂ 238.1431	C ₁₅ H ₁₁ O ₃ 239.0708
235	C ₁₄ H ₂₄ N ₂ O 236.1890	C ₁₂ H ₁₆ NO ₄ 238.1080	C ₁₅ H ₁₃ NO ₂ 239.0947
C ₁₀ H ₂₃ N ₂ O ₄ 235.1659	C ₁₄ H ₂₆ N ₃ 236.2129	C ₁₂ H ₁₈ N ₂ O ₃ 238.1318	C ₁₅ H ₁₅ N ₂ O 239.1185
C ₁₀ H ₂₅ N ₃ O ₃ 235.1897	C ₁₅ H ₁₀ NO ₂ 236.0712	C ₁₂ H ₂₀ N ₃ O ₂ 238.1557	C ₁₅ H ₁₇ N ₃ 239.1424
C ₁₁ H ₁₁ N ₂ O ₄ 235.0719	C ₁₅ H ₁₂ N ₂ O 236.0950	C ₁₂ H ₂₂ N ₄ O 238.1795	C ₁₅ H ₂₇ O ₂ 239.2012
C ₁₁ H ₁₃ N ₃ O ₃ 235.0958	C ₁₅ H ₁₄ N ₃ 236.1189	C ₁₃ H ₈ N ₃ O ₂ 238.0617	C ₁₅ H ₂₉ NO 239.2250
C ₁₁ H ₁₅ N ₄ O ₂ 235.1196	C ₁₅ H ₂₄ O ₂ 236.1777	C ₁₃ H ₁₀ N ₄ O 238.0856	C ₁₅ H ₃₁ N ₂ 239.2489
C ₁₁ H ₂₅ NO ₄ 235.1784	C ₁₅ H ₂₆ NO 236.2015	C ₁₃ H ₁₈ O ₄ 238.1205	C ₁₆ H ₁₅ O ₂ 239.1072
C ₁₂ H ₁₃ NO ₄ 235.0845	C ₁₅ H ₂₈ N ₂ 236.2254	C ₁₃ H ₂₀ NO ₃ 238.1444	C ₁₆ H ₁₇ NO 239.1311
C ₁₂ H ₁₅ N ₂ O ₃ 235.1083	C ₁₆ H ₁₂ O ₂ 236.0837	C ₁₃ H ₂₂ N ₂ O ₂ 238.1682	C ₁₆ H ₁₉ N ₂ 239.1549
C ₁₂ H ₁₇ N ₃ O ₂ 235.1322	C ₁₆ H ₁₄ NO 236.1076	C ₁₃ H ₂₄ N ₃ O 238.1921	C ₁₆ H ₃₁ O 239.2376
C ₁₂ H ₁₉ N ₄ O 235.1560	C ₁₆ H ₁₆ N ₂ 236.1315	C ₁₃ H ₂₆ N ₄ 238.2160	C ₁₆ H ₃₃ N 239.2615
C ₁₃ H ₁₅ O ₄ 235.0970	C ₁₆ H ₂₈ O 236.2141	C ₁₄ H ₁₀ N ₂ O ₂ 238.0743	C ₁₇ H ₁₉ O 239.1436
C ₁₃ H ₁₇ NO ₃ 235.1209	C ₁₆ H ₃₀ N 236.2380	C ₁₄ H ₁₂ N ₃ O 238.0981	C ₁₇ H ₂₁ N 239.1675
C ₁₃ H ₁₉ N ₂ O ₂ 235.1447	C ₁₇ H ₁₆ O 236.1202	C ₁₄ H ₁₄ N ₄ 238.1220	C ₁₇ H ₃₅ 239.2740
C ₁₃ H ₂₁ N ₃ O 235.1686	C ₁₇ H ₁₈ N 236.1440	C ₁₄ H ₂₂ O ₃ 238.1569	C ₁₈ H ₂₃ 239.1801
C ₁₃ H ₂₃ N ₄ 235.1925	C ₁₇ H ₃₂ 236.2505	C ₁₄ H ₂₄ NO ₂ 238.1808	240
C ₁₄ H ₉ N ₃ O 235.0746	C ₁₈ H ₂₀ 236.1566	C ₁₄ H ₂₆ N ₂ O 238.2046	C ₁₁ H ₁₆ N ₂ O ₄ 240.1111
C ₁₄ H ₁₁ N ₄ 235.0985	237	C ₁₄ H ₂₈ N ₃ 238.2285	C ₁₁ H ₁₈ N ₃ O ₃ 240.1349
C ₁₄ H ₁₉ O ₃ 235.1334	C ₁₁ H ₁₃ N ₂ O ₄ 237.0876	C ₁₅ H ₁₀ O ₃ 238.0630	C ₁₁ H ₂₀ N ₄ O ₂ 240.1588
C ₁₄ H ₂₁ NO ₂ 235.1573	C ₁₁ H ₁₅ N ₃ O ₃ 237.1114	C ₁₅ H ₁₂ NO ₂ 238.0868	C ₁₂ H ₈ N ₄ O ₂ 240.0648
C ₁₄ H ₂₃ N ₂ O 235.1811	C ₁₁ H ₁₇ N ₄ O ₂ 237.1353	C ₁₅ H ₁₄ N ₂ O 238.1107	C ₁₂ H ₁₈ NO ₄ 240.1236
C ₁₄ H ₂₅ N ₃ 235.2050	C ₁₂ H ₁₅ NO ₄ 237.1001	C ₁₅ H ₁₆ N ₃ 238.1346	C ₁₂ H ₂₀ N ₂ O ₃ 240.1475
C ₁₅ H ₉ NO ₂ 235.0634	C ₁₂ H ₁₇ N ₂ O ₃ 237.1240	C ₁₅ H ₂₆ O ₂ 238.1934	C ₁₂ H ₂₂ N ₃ O ₂ 240.1713
C ₁₅ H ₁₁ N ₂ O 235.0872	C ₁₂ H ₁₉ N ₃ O ₂ 237.1478	C ₁₅ H ₂₈ NO 238.2172	C ₁₂ H ₂₄ N ₄ O 240.1952

APPENDIX A (Continued)

FM		FM		FM		FM	
C ₁₃ H ₈ N ₂ O ₃	240.0535	C ₁₅ H ₁₇ N ₂ O	241.1342	C ₁₇ H ₂₄ N	242.1910	C ₁₂ H ₂₄ N ₂ O ₃	244.1788
C ₁₃ H ₁₀ N ₃ O ₂	240.0774	C ₁₅ H ₁₉ N ₃	241.1580	C ₁₈ H ₁₀ O	242.0732	C ₁₂ H ₂₆ N ₃ O ₂	244.2026
C ₁₃ H ₁₂ N ₄ O	240.1012	C ₁₅ H ₂₉ O ₂	241.2168	C ₁₈ H ₁₂ N	242.0970	C ₁₂ H ₂₈ N ₄ O	244.2265
C ₁₃ H ₂₀ O ₄	240.1362	C ₁₅ H ₃₁ NO	241.2407	C ₁₈ H ₂₆	242.2036	C ₁₃ H ₁₀ NO ₄	244.0610
C ₁₃ H ₂₂ NO ₃	240.1600	C ₁₅ H ₃₃ N ₂	241.2646	C ₁₉ H ₁₄	242.1096	C ₁₃ H ₁₂ N ₂ O ₃	244.0848
C ₁₃ H ₂₄ N ₂ O ₂	240.1839	C ₁₆ H ₁₇ O ₂	241.1229	243		C ₁₃ H ₁₄ N ₃ O ₂	244.1087
C ₁₃ H ₂₈ N ₄	240.2316	C ₁₆ H ₁₉ NO	241.1467	C ₁₁ H ₁₉ N ₂ O ₄	243.1345	C ₁₃ H ₁₆ N ₄ O	244.1325
C ₁₄ H ₈ O ₄	240.0422	C ₁₆ H ₂₁ N ₂	241.1706	C ₁₁ H ₂₁ N ₃ O ₃	243.1584	C ₁₃ H ₂₄ O ₄	244.1675
C ₁₄ H ₁₀ NO ₃	240.0661	C ₁₆ H ₃₃ O	241.2533	C ₁₁ H ₂₃ N ₄ O ₂	243.1822	C ₁₃ H ₂₆ NO ₃	244.1914
C ₁₄ H ₁₂ N ₂ O ₂	240.0899	C ₁₆ H ₃₅ N	241.2771	C ₁₂ H ₇ N ₂ O ₄	243.0406	C ₁₃ H ₂₈ N ₂ O ₂	244.2152
C ₁₄ H ₁₄ N ₃ O	240.1138	C ₁₇ H ₂₁ O	241.1593	C ₁₂ H ₉ N ₃ O ₃	243.0644	C ₁₃ H ₃₀ N ₃ O	244.2391
C ₁₄ H ₁₆ N ₄	240.1377	C ₁₇ H ₂₃ N	241.1832	C ₁₂ H ₁₁ N ₄ O ₂	243.0883	C ₁₃ H ₃₂ N ₄	244.2629
C ₁₄ H ₂₄ O ₃	240.1726	C ₁₈ H ₂₅	241.1957	C ₁₂ H ₂₁ NO ₄	243.1471	C ₁₄ H ₁₂ O ₄	244.0735
C ₁₄ H ₂₆ NO ₂	240.1965	242		C ₁₂ H ₂₃ N ₂ O ₃	243.1710	C ₁₄ H ₁₄ NO ₃	244.0974
C ₁₄ H ₂₈ N ₂ O	240.2203	C ₁₁ H ₁₈ N ₂ O ₄	242.1267	C ₁₂ H ₂₅ N ₃ O ₂	243.1948	C ₁₄ H ₁₆ N ₂ O ₂	244.1213
C ₁₄ H ₃₀ N ₃	240.2442	C ₁₁ H ₂₀ N ₃ O ₃	242.1506	C ₁₂ H ₂₇ N ₄ O	243.2187	C ₁₄ H ₁₈ N ₃ O	244.1451
C ₁₅ H ₁₂ O ₃	240.0786	C ₁₁ H ₂₂ N ₄ O ₂	242.1744	C ₁₃ H ₉ NO ₄	243.0532	C ₁₄ H ₂₀ N ₄	244.1690
C ₁₅ H ₁₄ NO ₂	240.1025	C ₁₂ H ₈ N ₃ O ₃	242.0566	C ₁₃ H ₁₁ N ₂ O ₃	243.0770	C ₁₄ H ₂₈ O ₃	244.2039
C ₁₅ H ₁₆ N ₂ O	240.1264	C ₁₂ H ₁₀ N ₄ O ₂	242.0805	C ₁₃ H ₁₃ N ₃ O ₂	243.1009	C ₁₄ H ₃₀ NO ₂	244.2278
C ₁₅ H ₁₈ N ₃	240.1502	C ₁₂ H ₂₀ NO ₄	242.1393	C ₁₃ H ₁₅ N ₄ O	243.1247	C ₁₄ H ₃₂ N ₂ O	244.2516
C ₁₅ H ₂₈ O ₂	240.2090	C ₁₂ H ₂₂ N ₂ O ₃	242.1631	C ₁₃ H ₂₃ O ₄	243.1597	C ₁₅ H ₁₆ O ₃	244.1100
C ₁₅ H ₃₀ NO	240.2329	C ₁₂ H ₂₄ N ₃ O ₂	242.1870	C ₁₃ H ₂₅ NO ₃	243.1835	C ₁₅ H ₁₈ NO ₂	244.1338
C ₁₅ H ₃₂ N ₂	240.2567	C ₁₂ H ₂₆ N ₄ O	242.2108	C ₁₃ H ₂₇ N ₂ O ₂	243.2074	C ₁₅ H ₂₀ N ₂ O	244.1577
C ₁₆ H ₁₆ O ₂	240.1151	C ₁₃ H ₈ NO ₄	242.0453	C ₁₃ H ₂₉ N ₃ O	243.2312	C ₁₅ H ₂₂ N ₃	244.1815
C ₁₆ H ₂₀ N ₂	240.1628	C ₁₃ H ₁₀ N ₂ O ₃	242.0692	C ₁₃ H ₃₁ N ₄	243.2551	C ₁₅ H ₃₂ O ₂	244.2403
C ₁₆ H ₁₈ NO	240.1389	C ₁₃ H ₁₂ N ₃ O ₂	242.0930	C ₁₄ H ₁₁ O ₄	243.0657	C ₁₆ H ₁₀ N ₃	244.0876
C ₁₆ H ₃₂ O	240.2454	C ₁₃ H ₁₄ N ₄ O	242.1169	C ₁₄ H ₁₃ NO ₃	243.0896	C ₁₆ H ₂₀ O ₂	244.1464
C ₁₆ H ₃₄ N	240.2693	C ₁₃ H ₂₂ O ₄	242.1518	C ₁₄ H ₁₅ N ₂ O ₂	243.1134	C ₁₆ H ₂₂ NO	244.1702
C ₁₇ H ₂₀ O	240.1515	C ₁₃ H ₂₄ NO ₃	242.1757	C ₁₄ H ₁₇ N ₃ O	243.1373	C ₁₆ H ₂₄ N ₂	244.1941
C ₁₇ H ₂₂ N	240.1753	C ₁₃ H ₂₆ N ₂ O ₂	242.1996	C ₁₄ H ₁₉ N ₄	243.1611	C ₁₇ H ₁₀ NO	244.0763
C ₁₇ H ₃₆	240.2819	C ₁₃ H ₂₈ N ₃ O	242.2234	C ₁₄ H ₂₇ O ₃	243.1961	C ₁₇ H ₁₂ N ₂	244.1001
C ₁₈ H ₂₄	240.1879	C ₁₃ H ₃₀ N ₄	242.2473	C ₁₄ H ₂₉ NO ₂	243.2199	C ₁₇ H ₂₄ O	244.1828
241		C ₁₄ H ₁₀ O ₄	242.0579	C ₁₄ H ₃₁ N ₂ O	243.2438	C ₁₇ H ₂₆ N	244.2067
C ₁₁ H ₁₇ N ₂ O ₄	241.1189	C ₁₄ H ₁₂ NO ₃	242.0817	C ₁₄ H ₃₃ N ₃	243.2677	C ₁₈ H ₁₂ O	244.0888
C ₁₁ H ₁₉ N ₃ O ₃	241.1427	C ₁₄ H ₁₄ N ₂ O ₂	242.1056	C ₁₅ H ₁₅ O ₃	243.1021	C ₁₈ H ₁₄ N	244.1127
C ₁₁ H ₂₁ N ₄ O ₂	241.1666	C ₁₄ H ₁₆ N ₃ O	242.1295	C ₁₅ H ₁₇ NO ₂	243.1260	C ₁₈ H ₂₈	244.2192
C ₁₂ H ₁₉ NO ₄	241.1315	C ₁₄ H ₁₈ N ₄	242.1533	C ₁₅ H ₁₉ N ₂ O	243.1498	C ₁₉ H ₁₆	244.1253
C ₁₂ H ₂₁ N ₂ O ₃	241.1553	C ₁₄ H ₂₆ O ₃	242.1883	C ₁₅ H ₂₁ N ₃	243.1737	245	
C ₁₂ H ₂₃ N ₃ O ₂	241.1791	C ₁₄ H ₂₈ NO ₂	242.2121	C ₁₅ H ₃₁ O ₂	243.2325	C ₁₁ H ₂₁ N ₂ O ₄	245.1502
C ₁₂ H ₂₅ N ₄ O	241.2030	C ₁₄ H ₃₀ N ₂ O	242.2360	C ₁₅ H ₃₃ NO	243.2564	C ₁₁ H ₂₃ N ₃ O ₃	245.1741
C ₁₃ H ₁₁ N ₃ O ₂	241.0852	C ₁₄ H ₃₂ N ₃	242.2598	C ₁₆ H ₁₉ O ₂	243.1385	C ₁₁ H ₂₅ N ₄ O ₂	245.1979
C ₁₃ H ₁₃ N ₄ O	241.1091	C ₁₅ H ₁₄ O ₃	242.0943	C ₁₆ H ₂₁ NO	243.1624	C ₁₂ H ₉ N ₂ O ₄	245.0563
C ₁₃ H ₂₁ O ₄	241.1440	C ₁₅ H ₁₆ NO ₂	242.1182	C ₁₆ H ₂₃ N ₂	243.1863	C ₁₂ H ₁₁ N ₃ O ₃	245.0801
C ₁₃ H ₂₅ N ₂ O ₂	241.1679	C ₁₅ H ₁₈ N ₂ O	242.1420	C ₁₇ H ₂₃ O	243.1750	C ₁₂ H ₁₃ N ₄ O ₂	245.1040
C ₁₃ H ₂₅ N ₂ O ₂	241.1917	C ₁₅ H ₂₀ N ₃	242.1659	C ₁₇ H ₂₅ N	243.1988	C ₁₂ H ₃₃ NO ₄	245.1628
C ₁₃ H ₂₇ N ₃ O	241.2156	C ₁₅ H ₃₀ O ₂	242.2247	C ₁₈ H ₁₁ O	243.0810	C ₁₂ H ₂₅ N ₂ O ₃	245.1866
C ₁₃ H ₂₉ N ₄	241.2394	C ₁₅ H ₃₂ NO	242.2485	C ₁₈ H ₁₃ N	243.1049	C ₁₂ H ₂₇ N ₃ O ₂	245.2105
C ₁₄ H ₁₁ NO ₃	241.0739	C ₁₅ H ₃₄ N ₂	242.2724	C ₁₈ H ₂₇	243.2114	C ₁₂ H ₂₉ N ₄ O	245.2343
C ₁₄ H ₁₃ N ₂ O ₂	241.0978	C ₁₆ H ₁₈ O ₂	242.1307	C ₁₉ H ₁₅	243.1174	C ₁₃ H ₁₁ NO ₄	245.0688
C ₁₄ H ₁₅ N ₃ O	241.1216	C ₁₆ H ₂₀ NO	242.1546	244		C ₁₃ H ₁₃ N ₂ O ₃	245.0927
C ₁₄ H ₁₇ N ₄	241.1445	C ₁₆ H ₂₂ N ₂	242.1784	C ₁₁ H ₂₀ N ₂ O ₄	244.1424	C ₁₃ H ₁₅ N ₃ O ₂	245.1165
C ₁₄ H ₂₅ O ₃	241.1804	C ₁₆ H ₃₄ O	242.2611	C ₁₁ H ₂₂ N ₃ O ₃	244.1662	C ₁₃ H ₁₇ N ₄ O	245.1404
C ₁₄ H ₂₇ NO ₂	241.2043	C ₁₆ H ₁₈ O ₂	242.1307	C ₁₁ H ₂₄ N ₄ O ₂	244.1901	C ₁₃ H ₂₅ O ₄	245.1753
C ₁₄ H ₂₉ N ₂ O	241.2281	C ₁₆ H ₂₀ NO	242.1546	C ₁₂ H ₈ N ₂ O ₄	244.0484	C ₁₃ H ₂₇ NO ₃	245.1992
C ₁₄ H ₃₁ N ₃	241.2520	C ₁₆ H ₂₂ N ₂	242.1784	C ₁₂ H ₁₀ N ₃ O ₃	244.0723	C ₁₃ H ₂₉ N ₂ O ₂	245.2230
C ₁₅ H ₁₃ O ₃	241.0865	C ₁₆ H ₃₄ O	242.2611	C ₁₂ H ₁₂ N ₄ O ₂	244.0961	C ₁₃ H ₃₁ N ₃ O	245.2469
C ₁₅ H ₁₅ NO ₂	241.1103	C ₁₇ H ₂₂ O	242.1871	C ₁₂ H ₂₂ NO ₄	244.1549	C ₁₄ H ₁₃ O ₄	245.0814

APPENDIX A (Continued)

FM	FM	FM	FM
C ₁₄ H ₁₅ NO ₃ 245.1052	C ₁₆ H ₂₆ N ₂ 246.2098	C ₁₂ H ₁₄ N ₃ O ₃ 248.1036	C ₁₅ H ₂₅ N ₂ O 249.1968
C ₁₄ H ₁₇ N ₂ O ₂ 245.1291	C ₁₇ H ₁₀ O ₂ 246.0681	C ₁₂ H ₁₆ N ₄ O ₂ 248.1275	C ₁₅ H ₂₇ N ₃ 249.2207
C ₁₄ H ₁₉ N ₃ O 245.1529	C ₁₇ H ₁₂ NO 246.0919	C ₁₂ H ₂₆ NO ₄ 248.1863	C ₁₆ H ₁₁ NO ₂ 249.0790
C ₁₄ H ₂₁ N ₄ 245.1768	C ₁₇ H ₁₄ N ₂ 246.1158	C ₁₂ H ₂₈ N ₂ O ₃ 248.2101	C ₁₆ H ₁₃ N ₂ O 249.1029
C ₁₄ H ₂₉ O ₃ 245.2117	C ₁₇ H ₂₆ O 246.1985	C ₁₃ H ₁₄ NO ₄ 248.0923	C ₁₆ H ₁₅ N ₃ 249.1267
C ₁₄ H ₃₁ NO ₂ 245.2356	C ₁₇ H ₂₈ N 246.2223	C ₁₃ H ₁₆ N ₂ O ₃ 248.1162	C ₁₆ H ₂₅ O ₂ 249.1855
C ₁₅ H ₁₇ O ₃ 245.1178	C ₁₈ H ₁₄ O 246.1045	C ₁₃ H ₁₈ N ₃ O ₂ 248.1400	C ₁₆ H ₂₇ NO 249.2094
C ₁₅ H ₁₉ NO ₂ 245.1416	C ₁₈ H ₁₆ N 246.1284	C ₁₃ H ₂₀ N ₄ O 248.1639	C ₁₆ H ₂₉ N ₂ 249.2332
C ₁₅ H ₂₁ N ₂ O 245.1655	C ₁₈ H ₃₀ 246.2349	C ₁₃ H ₂₈ O ₄ 248.1988	C ₁₇ H ₁₃ O ₂ 249.0916
C ₁₅ H ₂₃ N ₃ 245.1894	C ₁₉ H ₁₈ 246.1409	C ₁₄ H ₁₆ O ₄ 248.1049	C ₁₇ H ₁₅ NO 249.1154
C ₁₆ H ₉ N ₂ O 245.0715	247	C ₁₄ H ₂₀ N ₂ O ₂ 248.1526	C ₁₇ H ₁₇ N ₂ 249.1393
C ₁₆ H ₁₁ N ₃ 245.0954	C ₁₁ H ₂₃ N ₂ O ₄ 247.1659	C ₁₄ H ₂₂ N ₃ O 248.1764	C ₁₇ H ₂₉ O 249.2219
C ₁₆ H ₂₁ O ₂ 245.1542	C ₁₁ H ₂₅ N ₃ O ₃ 247.1897	C ₁₄ H ₂₄ N ₄ 248.2003	C ₁₇ H ₃₁ N 249.2458
C ₁₆ H ₂₃ NO 245.1781	C ₁₁ H ₂₇ N ₄ O ₂ 247.2136	C ₁₅ H ₁₀ N ₃ O 248.0825	C ₁₈ H ₁₇ O 249.1280
C ₁₆ H ₂₅ N ₂ 245.2019	C ₁₂ H ₁₁ N ₂ O ₄ 247.0719	C ₁₅ H ₁₂ N ₄ 248.1063	C ₁₈ H ₁₉ N 249.1519
C ₁₇ H ₁₁ NO 245.0841	C ₁₂ H ₁₃ N ₃ O ₃ 247.0958	C ₁₅ H ₂₀ O ₃ 248.1413	C ₁₈ H ₃₃ 249.2584
C ₁₇ H ₁₃ N ₂ 245.1080	C ₁₂ H ₁₅ N ₄ O ₂ 247.1196	C ₁₅ H ₂₂ NO ₂ 248.1651	C ₁₉ H ₂₁ 249.1644
C ₁₇ H ₂₅ O 245.1906	C ₁₂ H ₂₅ NO ₄ 247.1784	C ₁₅ H ₂₄ N ₂ O 248.1890	250
C ₁₇ H ₂₇ N 245.2145	C ₁₂ H ₂₇ N ₂ O ₃ 247.2023	C ₁₅ H ₂₆ N ₃ 248.2129	C ₁₁ H ₂₆ N ₂ O ₄ 250.1894
C ₁₈ H ₁₃ O 245.0967	C ₁₂ H ₂₉ N ₃ O ₂ 247.2261	C ₁₆ H ₁₀ NO ₂ 248.0712	C ₁₂ H ₁₄ N ₂ O ₄ 250.0954
C ₁₈ H ₁₅ N 245.1205	C ₁₃ H ₁₃ NO ₄ 247.0845	C ₁₆ H ₁₂ N ₂ O 248.0950	C ₁₂ H ₁₆ N ₃ O ₃ 250.1193
C ₁₈ H ₂₉ 245.2270	C ₁₃ H ₁₅ N ₂ O ₃ 247.1083	C ₁₆ H ₁₄ N ₃ 248.1189	C ₁₂ H ₁₈ N ₄ O ₂ 250.1431
C ₁₉ H ₁₇ 245.1331	C ₁₃ H ₁₇ N ₃ O ₂ 247.1322	C ₁₆ H ₂₄ O ₂ 248.1777	C ₁₃ H ₁₆ NO ₄ 250.1080
246	C ₁₃ H ₁₉ N ₄ O 247.1560	C ₁₆ H ₂₆ NO 248.2015	C ₁₃ H ₁₈ N ₂ O ₃ 250.1318
C ₁₁ H ₂₂ N ₂ O ₄ 246.1580	C ₁₃ H ₂₇ O ₄ 247.1910	C ₁₆ H ₂₈ N ₂ 248.2254	C ₁₃ H ₂₀ N ₃ O ₂ 250.1557
C ₁₁ H ₂₄ N ₃ O ₃ 246.1819	C ₁₃ H ₂₉ NO ₃ 247.2148	C ₁₇ H ₁₂ O ₂ 248.0837	C ₁₃ H ₂₂ N ₄ O 250.1795
C ₁₁ H ₂₆ N ₄ O ₂ 246.2057	C ₁₄ H ₁₅ O ₄ 247.0970	C ₁₇ H ₁₄ NO 248.1076	C ₁₄ H ₁₀ N ₄ O 250.0856
C ₁₂ H ₁₀ N ₂ O ₄ 246.0641	C ₁₄ H ₁₇ NO ₃ 247.1209	C ₁₇ H ₁₆ N ₂ 248.1315	C ₁₄ H ₂₀ NO ₃ 250.1444
C ₁₂ H ₁₂ N ₃ O ₃ 246.0879	C ₁₄ H ₁₉ N ₂ O ₂ 247.1448	C ₁₇ H ₂₈ O 248.2141	C ₁₄ H ₂₂ N ₂ O ₂ 250.1682
C ₁₂ H ₁₄ N ₄ O ₂ 246.1118	C ₁₄ H ₂₁ N ₃ O 247.1686	C ₁₇ H ₃₀ N 248.2380	C ₁₄ H ₂₄ N ₃ O 250.1921
C ₁₂ H ₂₄ NO ₄ 246.1706	C ₁₄ H ₂₃ N ₄ 247.1925	C ₁₈ H ₁₆ O 248.1202	C ₁₄ H ₂₆ N ₄ 250.2160
C ₁₂ H ₂₆ N ₂ O ₃ 246.1945	C ₁₅ H ₉ N ₃ O 247.0746	C ₁₈ H ₁₈ N 248.1440	C ₁₅ H ₁₀ N ₂ O ₂ 250.0743
C ₁₂ H ₂₈ N ₃ O ₂ 246.2183	C ₁₅ H ₁₁ N ₄ 247.0985	C ₁₈ H ₃₂ 248.2505	C ₁₅ H ₁₂ N ₃ O 250.0981
C ₁₂ H ₃₀ N ₄ O 246.2422	C ₁₅ H ₁₉ O ₃ 247.1334	C ₁₉ H ₂₀ 248.1566	C ₁₅ H ₁₄ N ₄ 250.1220
C ₁₃ H ₁₂ NO ₄ 246.0766	C ₁₅ H ₂₁ NO ₂ 247.1573	249	C ₁₅ H ₂₂ O ₃ 250.1569
C ₁₃ H ₁₄ N ₂ O ₃ 246.1005	C ₁₅ H ₂₃ N ₂ O 247.1811	C ₁₁ H ₂₅ N ₂ O ₄ 249.1815	C ₁₅ H ₂₄ NO ₂ 250.1808
C ₁₃ H ₁₆ N ₃ O ₂ 246.1244	C ₁₅ H ₂₅ N ₃ 247.2050	C ₁₁ H ₂₇ N ₃ O ₃ 249.2054	C ₁₅ H ₂₆ N ₂ O 250.2046
C ₁₃ H ₁₈ N ₄ O 246.1482	C ₁₆ H ₁₁ N ₂ O 247.0872	C ₁₂ H ₁₃ N ₂ O ₄ 249.0876	C ₁₅ H ₂₈ N ₃ 250.2285
C ₁₃ H ₂₆ O ₄ 246.1832	C ₁₆ H ₁₃ N ₃ 247.1111	C ₁₂ H ₁₅ N ₃ O ₃ 249.1114	C ₁₆ H ₁₀ O ₃ 250.0630
C ₁₃ H ₂₈ NO ₃ 246.2070	C ₁₆ H ₂₃ O ₂ 247.1699	C ₁₂ H ₁₇ N ₄ O ₂ 249.1353	C ₁₆ H ₁₂ NO ₂ 250.0868
C ₁₃ H ₃₀ N ₂ O ₂ 246.2309	C ₁₆ H ₂₅ NO 247.1937	C ₁₂ H ₂₇ NO ₄ 249.1941	C ₁₆ H ₁₄ N ₂ O 250.1107
C ₁₄ H ₁₄ O ₄ 246.0892	C ₁₆ H ₂₇ N ₂ 247.2176	C ₁₃ H ₁₅ NO ₄ 249.1001	C ₁₆ H ₁₆ N ₃ 250.1346
C ₁₄ H ₁₆ NO ₃ 246.1131	C ₁₇ H ₁₁ O ₂ 247.0759	C ₁₃ H ₁₇ N ₂ O ₃ 249.1240	C ₁₆ H ₂₆ O ₂ 250.1934
C ₁₄ H ₁₈ N ₂ O ₂ 246.1369	C ₁₇ H ₁₃ NO 247.0998	C ₁₃ H ₁₉ N ₃ O ₂ 249.1478	C ₁₆ H ₂₈ NO 250.2172
C ₁₄ H ₂₀ N ₃ O 246.1608	C ₁₇ H ₁₅ N ₂ 247.1236	C ₁₃ H ₂₁ N ₄ O 249.1717	C ₁₆ H ₃₀ N ₂ 250.2411
C ₁₄ H ₂₂ N ₄ 246.1846	C ₁₇ H ₂₇ O 247.2063	C ₁₄ H ₉ N ₄ O 249.0777	C ₁₇ H ₁₄ O ₂ 250.0994
C ₁₄ H ₃₀ O ₃ 246.2196	C ₁₇ H ₂₉ N 247.2301	C ₁₄ H ₁₇ O ₄ 249.1127	C ₁₇ H ₁₆ NO 250.1233
C ₁₅ H ₁₀ N ₄ 246.0907	C ₁₈ H ₁₅ O 247.1123	C ₁₄ H ₁₉ NO ₃ 249.1365	C ₁₇ H ₁₈ N ₂ 250.1471
C ₁₅ H ₁₈ O ₃ 246.1256	C ₁₈ H ₁₇ N 247.1362	C ₁₄ H ₂₁ N ₂ O ₂ 249.1604	C ₁₇ H ₃₀ O 250.2298
C ₁₅ H ₂₀ NO ₂ 246.1495	C ₁₈ H ₃₁ 247.2427	C ₁₄ H ₂₃ N ₃ O 249.1842	C ₁₇ H ₃₂ N 250.2536
C ₁₅ H ₂₂ N ₂ O 246.1733	C ₁₉ H ₁₉ 247.1488	C ₁₄ H ₂₅ N ₄ 249.2081	C ₁₈ H ₁₈ O 250.1358
C ₁₅ H ₂₄ N ₃ 246.1972	248	C ₁₅ H ₉ N ₂ O ₂ 249.0664	C ₁₈ H ₂₀ N 250.1597
C ₁₆ H ₁₀ N ₂ O 246.0794	C ₁₁ H ₂₄ N ₂ O ₄ 248.1737	C ₁₅ H ₁₁ N ₃ O 249.0903	C ₁₈ H ₃₄ 250.2662
C ₁₆ H ₁₂ N ₃ 246.1032	C ₁₁ H ₂₆ N ₃ O ₃ 248.1976	C ₁₅ H ₁₃ N ₄ 249.1142	C ₁₉ H ₂₂ 250.1722
C ₁₆ H ₂₂ O ₂ 246.1620	C ₁₁ H ₂₈ N ₄ O ₂ 248.2214	C ₁₅ H ₂₁ O ₃ 249.1491	
C ₁₆ H ₂₄ NO 246.1859	C ₁₂ H ₁₂ N ₂ O ₄ 248.0797	C ₁₅ H ₂₃ NO ₂ 249.1730	