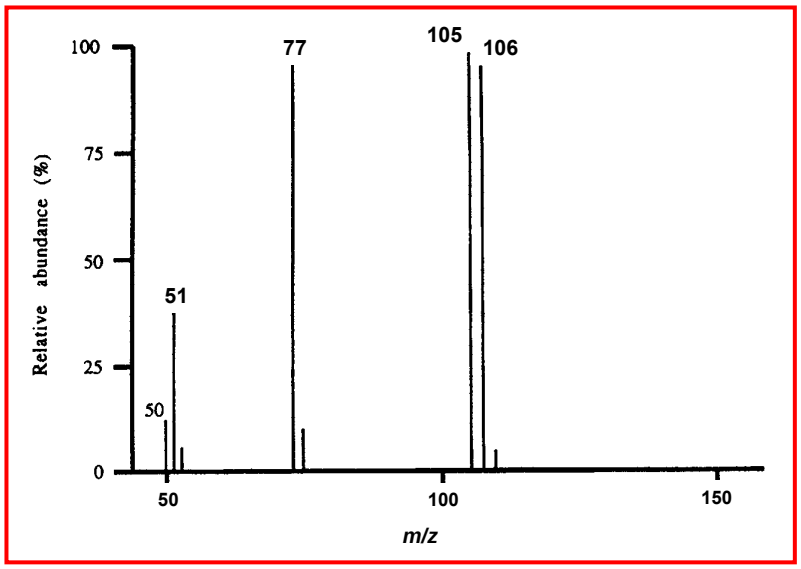
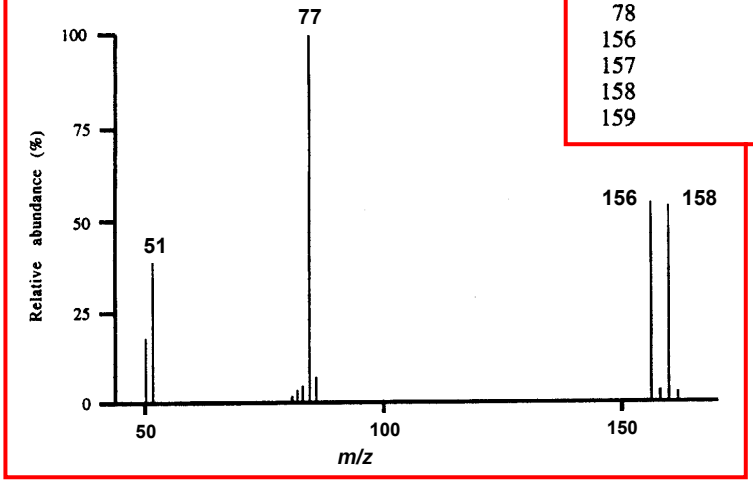
No. 1



No. 2

M+1= 4.2 / 64.1*100 = 6.6% : 1.1 = 6*C
M+2= 63.7 / 64.1*100 = 99.4% = Br

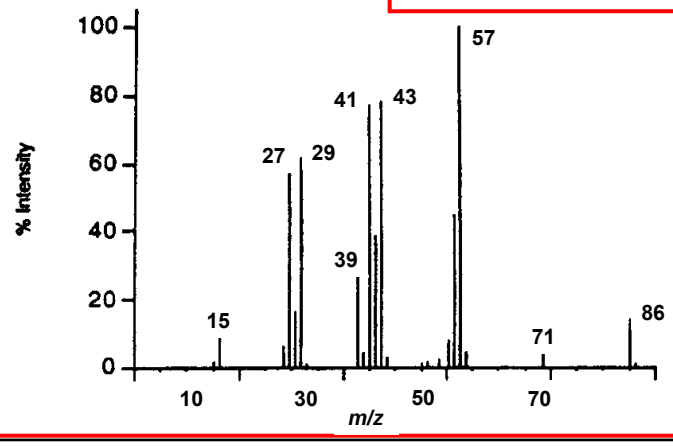
m/z	% Relative abundance
50	17.2
51	38.9
74	3.2
75	5.7
76	5.7
77	100.0
78	7.8
156	64.1
157	4.2
158	63.7
159	3.8



No. 3

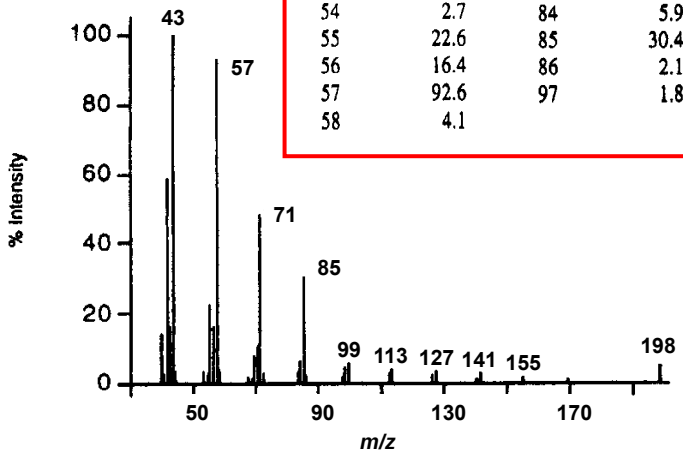
M+1= 0.9/14.0*100 = 6.43

m/z	%	m/z	%
14	1.4	44	2.6
15	10.2	50	1.3
26	6.4	51	1.8
27	56.9	53	2.5
28	16.1	55	8.0
29	61.2	56	44.8
30	1.3	57	100.0
39	27.3	58	4.5
40	4.2	71	5.2
42	38.8	86	14.0
43	78.0	87	0.9



No. 4

m/z	%	m/z	%	m/z	%
39	14.1	67	1.8	98	4.4
40	2.9	68	1.4	99	5.8
41	58.4	69	7.6	112	3.0
42	16.0	70	10.7	113	3.7
43	100.0	71	48.0	126	2.1
44	3.4	72	2.8	127	3.2
53	3.2	83	3.3	140	1.4
54	2.7	84	5.9	141	2.6
55	22.6	85	30.4	155	1.7
56	16.4	86	2.1	169	1.0
57	92.6	97	1.8	198	5.0
58	4.1				

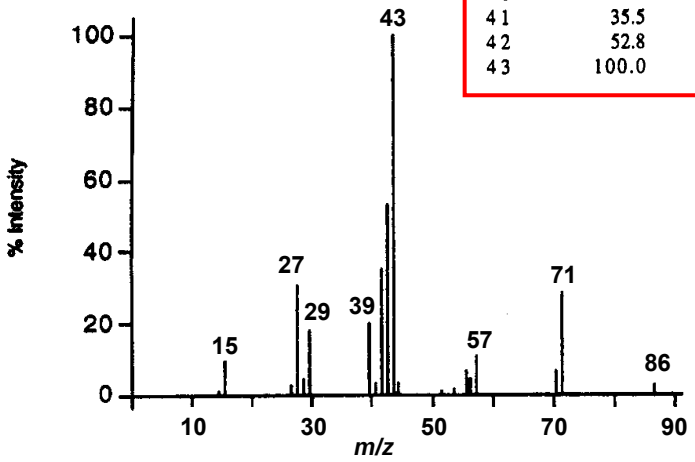


No. 5 Porovnat s No. 3

Pořadí stability iontů:
kvartérní > terciární > sek. > prim.

Ztráta největšího alkylu

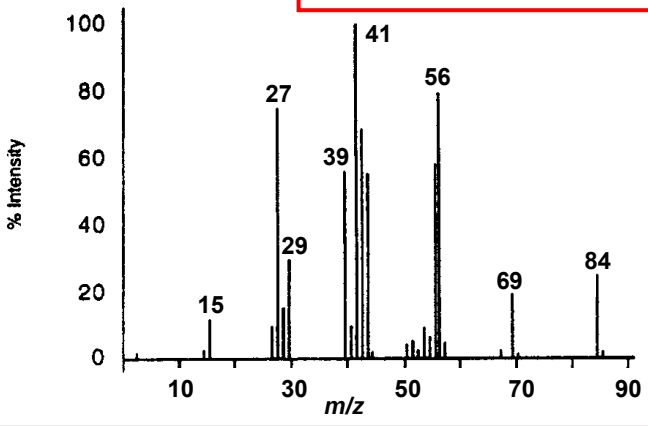
m/z	%	m/z	%
14	1.2	44	3.4
15	9.6	51	1.1
26	2.8	53	1.8
27	30.5	55	6.7
28	4.5	56	4.6
29	18.0	57	10.6
39	20.0	70	6.8
40	3.2	71	28.5
41	35.5	86	2.9
42	52.8	87	0.2
43	100.0		



No. 6

Snadnost ionizace elektronů:
n < Π < σ

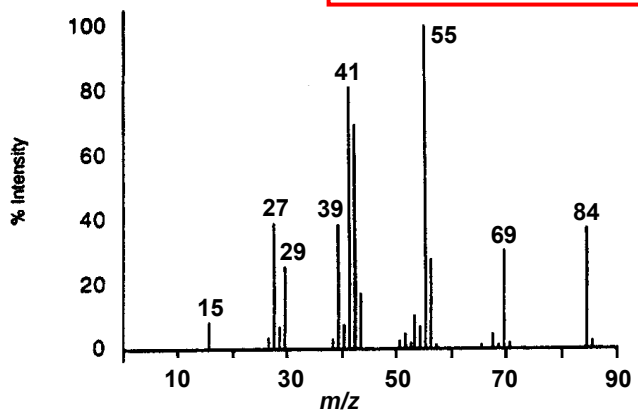
m/z	%	m/z	%	m/z	%
2	1.6	41	100.0	55	58.3
14	2.4	42	68.5	56	79.2
15	11.6	43	55.3	57	4.2
26	9.6	44	1.9	67	2.1
27	74.7	50	3.9	69	19.2
28	15.1	51	5.1	70	1.2
29	29.7	52	2.0	84	24.6
39	56.0	53	8.8	85	1.7
40	9.6	54	6.3		



No. 7

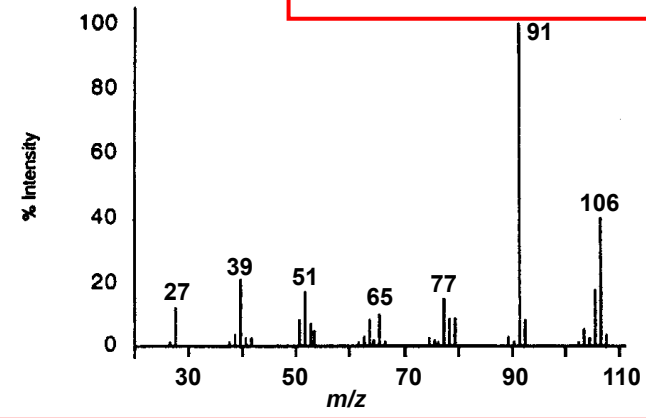
Počet nenasyceností:
R+DB = x-0.5y+0.5z+1,
x=4 vazné, y=1 vazné,
z=3 vazné
($OE^{+\cdot}$ = .0, EE^{+} = .5)

m/z	%	m/z	%	m/z	%
15	8.5	42	69.3	57	1.2
26	3.3	43	16.5	65	1.4
27	38.5	50	2.1	67	4.7
28	6.9	51	4.3	68	1.1
29	25.3	52	1.9	69	30.3
38	3.0	53	10.2	70	1.6
39	38.1	54	6.9	84	36.9
40	7.4	55	100.0	85	2.5
41	81.2	56	27.6		



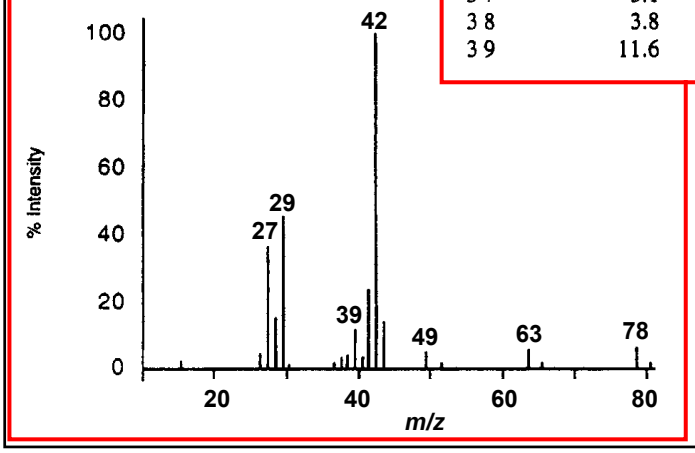
No. 8

m/z	%	m/z	%	m/z	%
26	1.3	61	1.2	79	8.5
27	11.5	62	2.9	89	2.6
37	1.3	63	7.7	90	1.0
38	3.3	64	1.6	91	100.0
39	20.6	65	9.7	92	7.6
40	2.2	66	1.1	102	1.3
41	2.4	74	2.0	103	5.1
50	7.8	75	1.7	104	2.5
51	16.9	76	1.3	105	17.3
52	6.9	77	14.8	106	39.9
53	4.3	78	8.4	107	3.3



No. 9

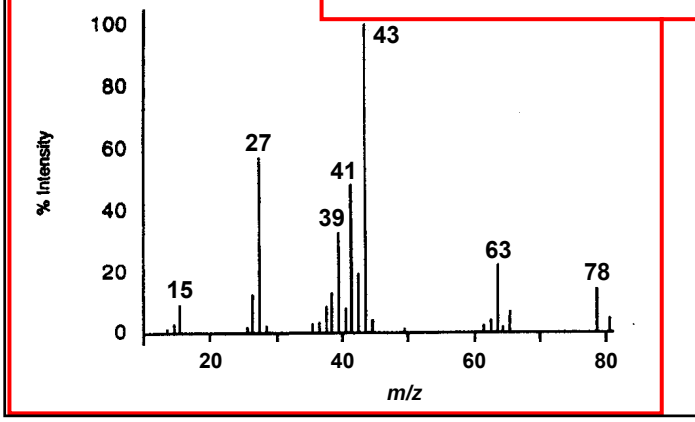
m/z	%	m/z	%
15	2.1	40	3.5
26	4.5	41	23.3
27	36.6	42	100.0
28	15.3	43	13.8
29	45.5	49	4.8
30	1.0	51	1.6
36	1.8	63	5.5
37	3.1	65	1.7
38	3.8	78	6.0
39	11.6	80	1.9



No. 10

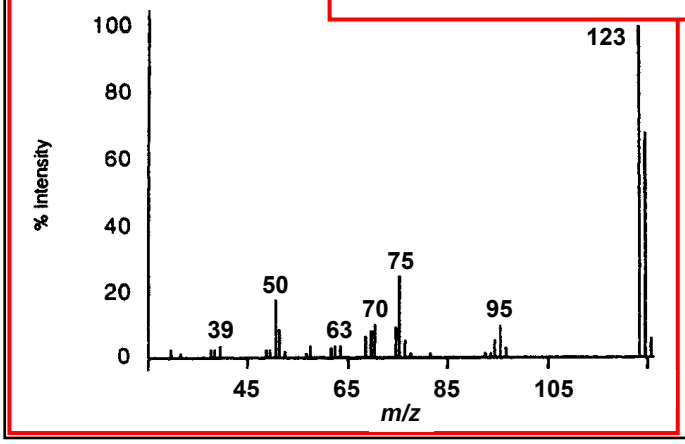
- porovnat s No. 9
- interpretace na základě analogie

m/z	%	m/z	%	m/z	%
13	1.0	37	8.5	49	1.4
14	2.9	38	12.6	61	2.1
15	8.8	39	32.5	62	3.8
25	1.9	40	7.7	63	21.9
26	12.1	41	48.1	64	1.6
27	57.2	42	18.8	65	6.6
28	2.4	43	100.0	78	14.2
35	2.9	44	3.8	80	4.5
36	3.4				



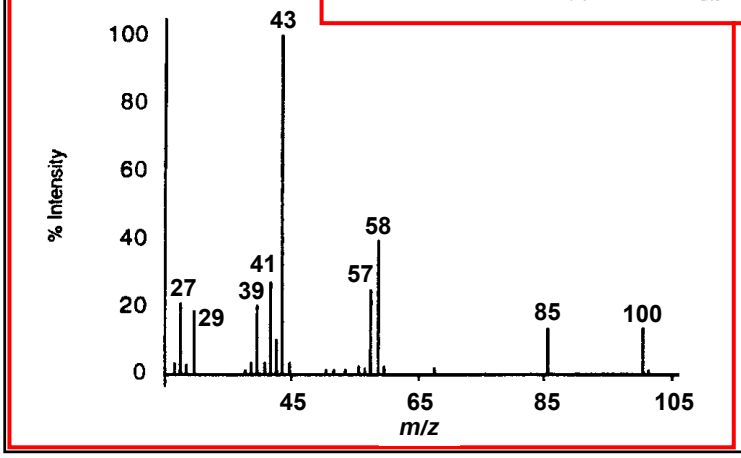
No. 13

m/z	%	m/z	%	m/z	%
29	2.2	57	3.6	77	1.1
31	1.1	61	2.9	81	1.1
37	2.2	62	3.1	92	1.2
38	2.2	63	3.1	93	1.4
39	3.6	68	6.0	94	5.3
48	2.2	69	7.6	95	9.7
49	2.4	70	9.9	96	2.6
50	17.3	74	9.1	123	100.0
51	8.2	75	24.4	124	67.4
52	1.5	76	4.9	125	5.6
56	1.1				



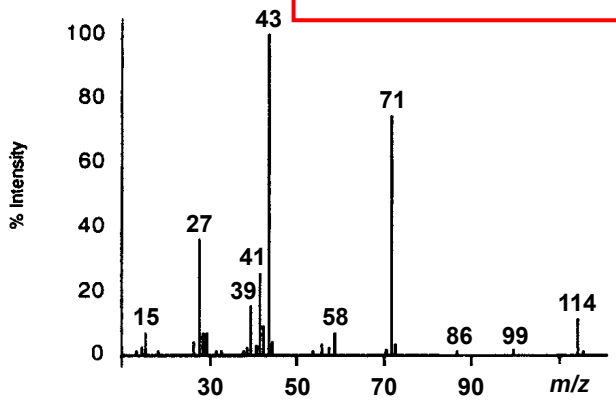
No. 14

m/z	%	m/z	%	m/z	%
26	3.3	41	26.7	56	1.5
27	20.5	42	9.9	57	24.5
28	3.0	43	100.0	58	39.1
29	18.6	44	3.3	59	2.5
37	1.4	50	1.1	67	1.6
38	3.2	51	1.2	85	13.2
39	20.2	53	1.3	100	13.5
40	3.2	55	2.3	101	1.0



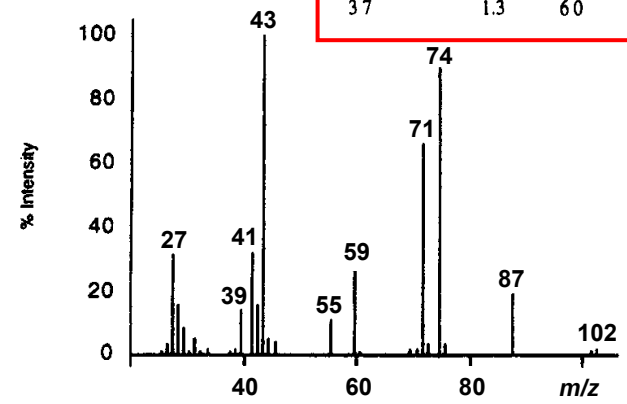
No. 15

m/z	%	m/z	%	m/z	%
13	1.3	37	1.1	57	2.0
14	2.0	38	2.0	58	6.5
15	6.8	39	15.2	70	1.5
18	1.0	40	2.9	71	74.2
26	3.7	41	25.0	72	3.6
27	35.5	42	9.1	86	1.2
28	6.9	43	100.0	99	1.9
29	6.8	44	3.8	114	11.3
31	1.1	53	1.2	115	1.3
32	1.0	55	3.4		



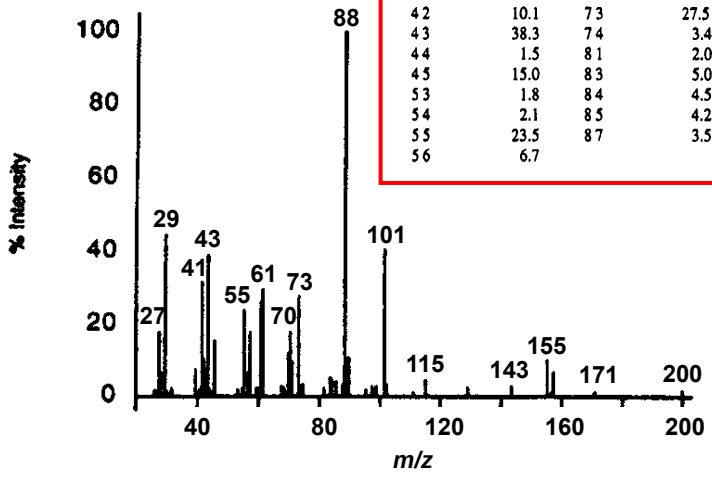
No. 16

m/z	%	m/z	%	m/z	%
25	1.0	38	1.9	69	1.8
26	3.6	39	13.8	70	1.8
27	31.4	41	31.8	71	66.1
28	15.4	42	15.4	72	3.1
29	8.2	43	100.0	74	90.1
30	1.1	44	5.0	75	3.2
31	5.3	45	3.8	87	19.2
32	1.4	55	11.0	101	1.1
33	1.7	59	28.1	102	1.8
37	1.3	60	1.1		



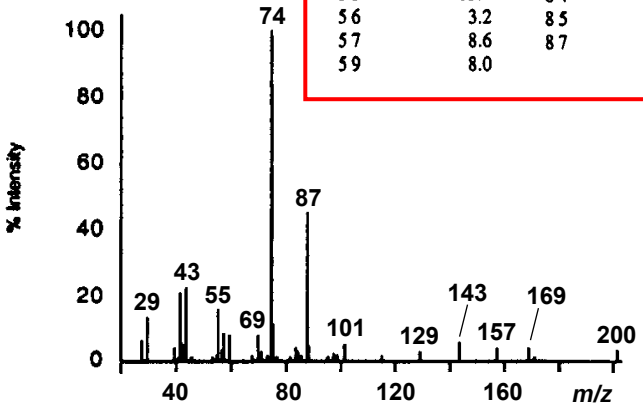
No. 17

m/z	%	m/z	%	m/z	%
26	1.5	57	17.1	88	100.0
27	17.3	59	2.1	89	10.7
28	6.8	60	25.8	95	1.6
29	44.1	61	28.8	97	2.7
30	1.4	67	2.6	98	2.8
31	2.1	68	2.0	101	40.5
39	7.2	69	12.0	102	3.6
40	1.6	70	17.2	111	1.0
41	31.4	71	9.7	115	4.5
42	10.1	73	27.5	129	2.0
43	38.3	74	3.4	143	2.8
44	1.5	81	2.0	155	10.0
45	15.0	83	5.0	156	1.3
53	1.8	84	4.5	157	6.9
54	2.1	85	4.2	171	1.0
55	23.5	87	3.5	200	1.5
56	6.7				



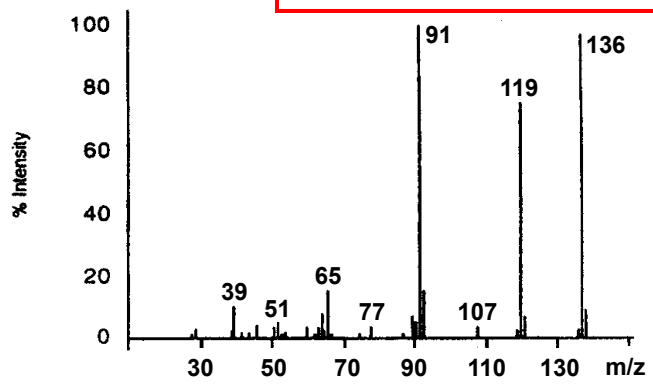
No. 18

m/z	%	m/z	%	m/z	%
27	6.4	67	1.6	88	4.5
29	13.5	69	7.7	95	1.3
39	4.2	70	1.6	97	2.2
41	20.5	71	2.6	98	1.6
42	4.8	73	1.9	101	4.8
43	22.1	74	100.0	115	1.9
45	1.3	75	11.2	129	2.6
53	1.3	81	1.3	143	5.4
54	1.6	83	3.8	157	4.2
55	15.4	84	2.6	169	4.2
56	3.2	85	1.9	171	1.3
57	8.6	87	44.9	200	3.2
59	8.0				



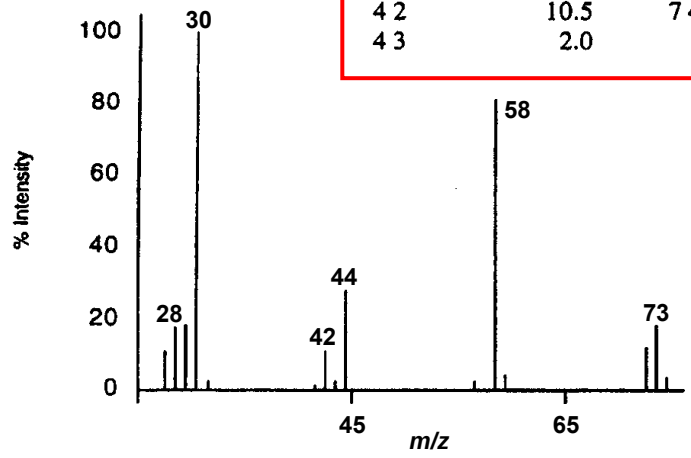
No. 20

m/z	%	m/z	%	m/z	%
27	1.4	59	3.5	90	5.3
28	2.7	61	1.3	91	100.0
38	2.0	62	3.3	92	14.9
39	9.8	63	7.9	107	3.5
41	1.8	64	2.0	118	2.0
43	1.8	65	15.3	119	75.6
45	3.8	66	1.1	120	6.8
50	3.5	74	1.1	135	2.6
51	4.8	77	3.1	136	97.3
52	1.1	86	1.0	137	8.8
53	1.6	89	6.5		



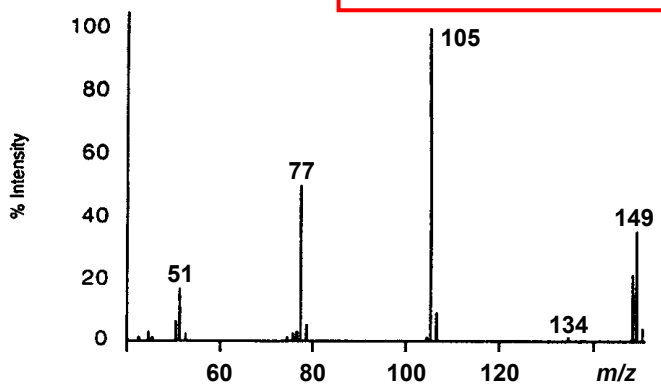
No. 21

m/z	%	m/z	%
27	10.5	44	27.6
28	17.1	56	2.0
29	17.8	58	80.9
30	100.0	59	4.0
31	2.0	72	11.8
41	1.3	73	17.8
42	10.5	74	3.3
43	2.0		



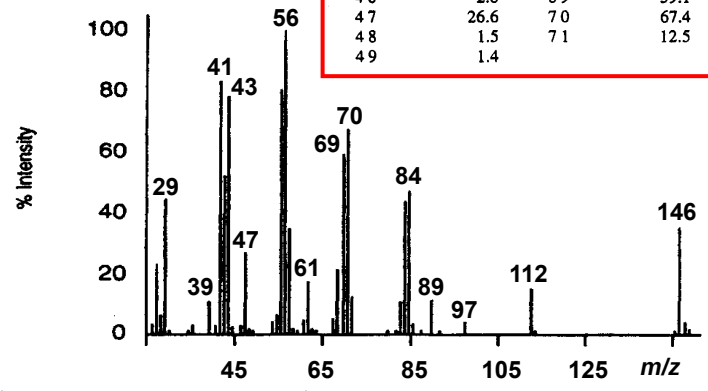
No. 22

m/z	%	m/z	%
42	1.0	77	50.0
44	3.0	78	5.0
45	1.0	104	1.0
50	6.0	105	100.0
51	17.0	106	9.0
52	2.0	134	1.0
74	1.0	148	21.0
75	2.0	149	35.0
76	3.0	150	4.0

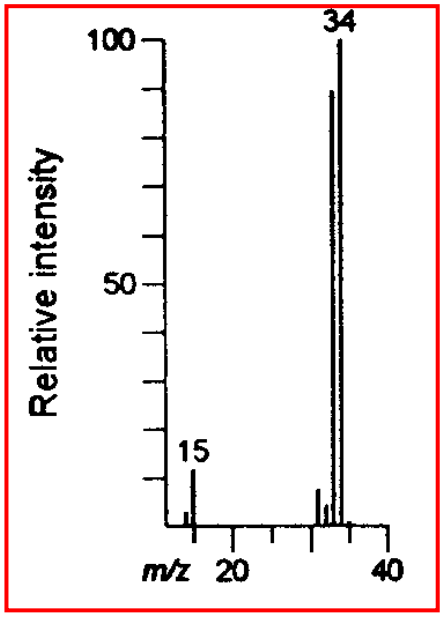


No. 23

m/z	%	m/z	%	m/z	%
26	3.6	53	4.0	79	1.1
27	22.8	54	6.2	81	1.2
28	6.4	55	80.4	82	10.7
29	44.0	56	100.0	83	43.8
30	1.1	57	34.8	84	46.9
34	1.4	58	1.6	85	3.4
35	2.8	59	1.1	87	1.1
39	10.7	60	4.3	89	11.1
40	2.8	61	17.2	91	1.4
41	83.1	62	1.5	97	4.0
42	51.9	63	1.2	112	15.0
43	78.0	67	4.9	113	1.4
44	2.4	68	21.1	145	1.4
46	2.8	69	59.1	146	35.2
47	26.6	70	67.4	147	4.0
48	1.5	71	12.5	148	1.6
49	1.4				

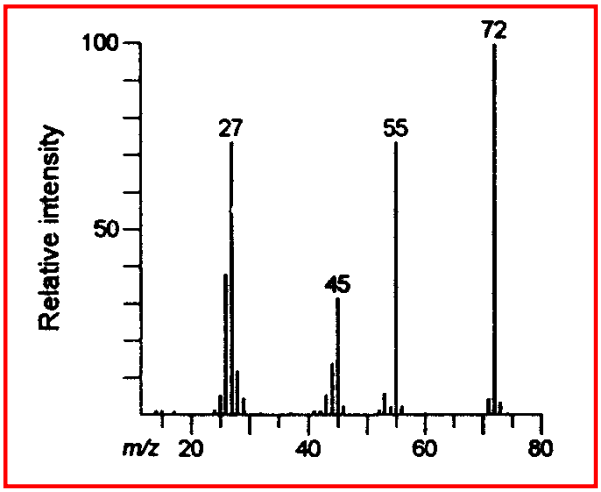


No. 24



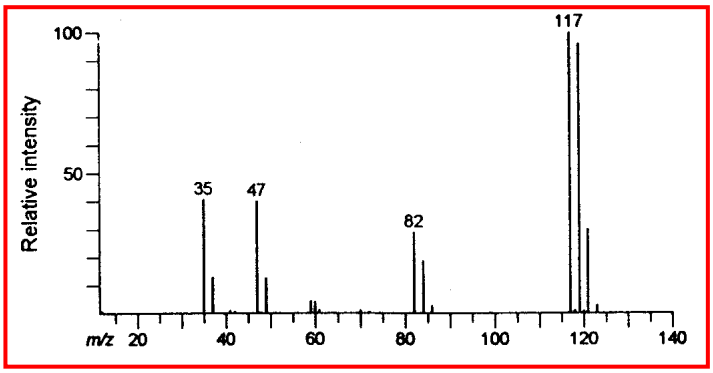
m/z	Int.
12	0.5
13	1.2
14	3.1
15	12.
16	0.1
31	7.7
32	4.4
33	89.
34	100.
35	1.1

No. 25



m/z	Int.
25	5.2
26	38.
27	74.
27.5	0.3
28	12.
29	4.3
31	0.5
41	1.2
42	1.3
43	5.8
44	14.
45	32.
46	2.5
52	1.4
53	6.0
54	2.3
55	74.
56	2.6
57	0.2
71	4.3
72	100.
73	3.5
74	0.5

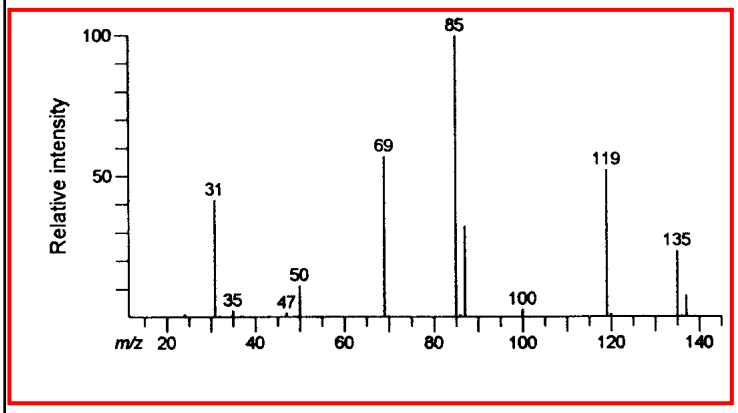
No. 26



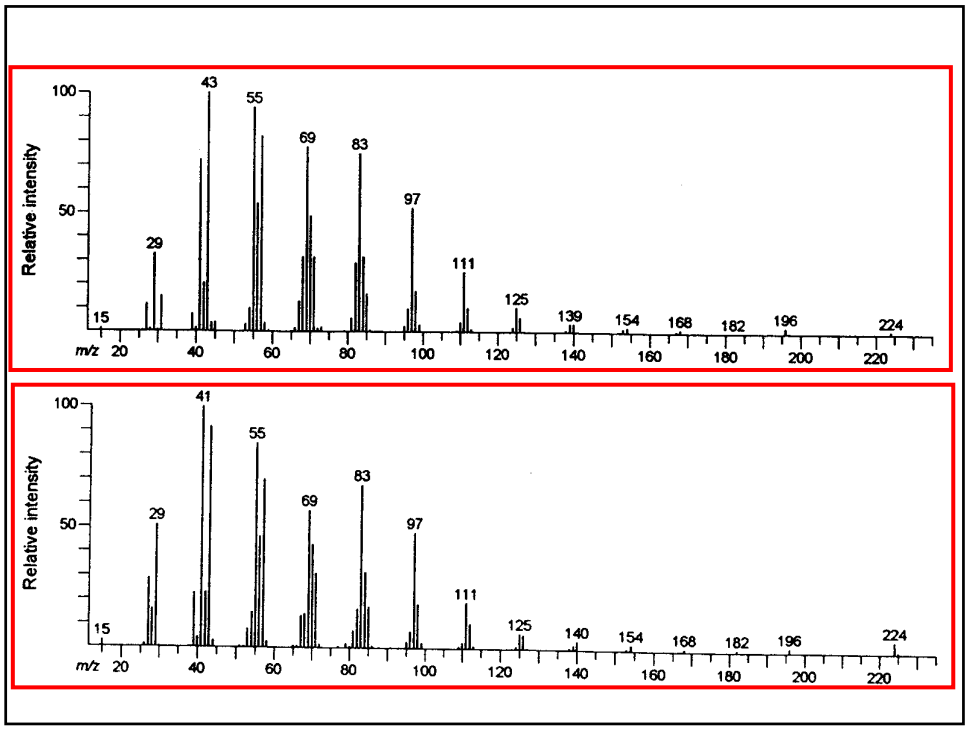
Počet Cl	A	A+2	A+4	A+6
1	100	32		
2	100	64	10	
3	100	96	31	3

m/z	Int.
35	41.
37	13.
41	1.2
42	0.8
47	40.
48	0.5
49	13.
58.5	4.7
59.5	4.5
60.5	1.4
70	1.4
72	0.9
82	29.
83	0.3
84	19.
85	0.2
86	2.9
117	100.
118	1.0
119	96.
120	1.0
121	30.
122	0.3
123	3.1

No. 27



m/z	Int.
31	42.
32	0.5
35	2.5
37	0.7
42.5	0.5
47	1.7
49	0.6
50	11.
69	57.
70	0.7
85	100.
86	1.1
87	33.
88	0.4
100	2.8
119	52.
120	1.2
135	24.
136	0.5
137	7.7


Relative intensity
100
50
15
m/z
20
40
60
80
100
120
140
160
180
200
220
43
55
69
83
97
111
125
139
154
168
182
196
224
29
Relative intensity
100
50
15
m/z
20
40
60
80
100
120
140
160
180
200
220
41
55
83
69
97
111
125
140
154
168
182
196
224
29