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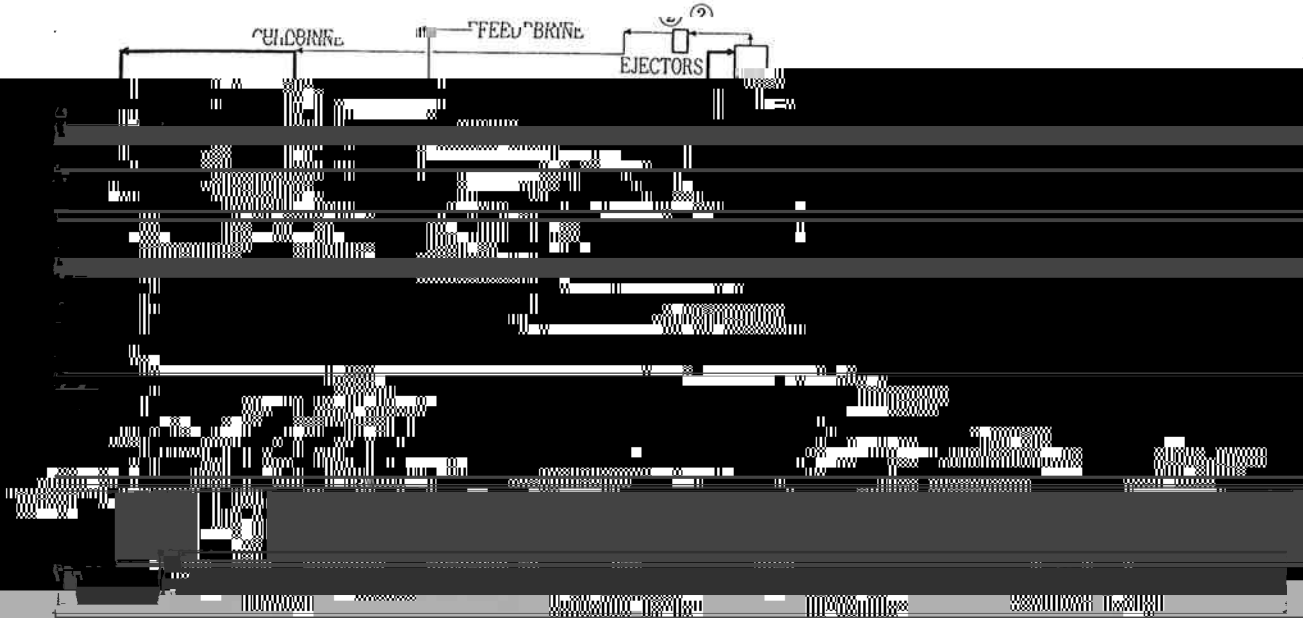
Toshihiko Takami

Mitsuo Iwano

Naoto Kawamura

Kaeko Shimizu

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DRYING

CYLINDER OR  
TANK CARGO  
⑤

ATOR TURBO

EA

Table 3. Results of Elementary Analysis

C	H	No. 170		No. 176	
		g	%	g	%
68.5	11.2	68.5	11.2	68.5	11.2

Table 3 の元素分析結果を占降下注によって求めた

Scale in Drain Manal

No.	Washing and Dry		Evaporate to Dry	
	g	%	g	%
1	0.15	0.15	0.15	0.15
2	0.20	0.20	0.20	0.20
3	0.25	0.25	0.25	0.25
4	0.30	0.30	0.30	0.30
5	0.35	0.35	0.35	0.35
6	0.40	0.40	0.40	0.40
7	0.45	0.45	0.45	0.45
8	0.50	0.50	0.50	0.50
9	0.55	0.55	0.55	0.55
10	0.60	0.60	0.60	0.60
11	0.65	0.65	0.65	0.65
12	0.70	0.70	0.70	0.70
13	0.75	0.75	0.75	0.75
14	0.80	0.80	0.80	0.80
15	0.85	0.85	0.85	0.85
16	0.90	0.90	0.90	0.90
17	0.95	0.95	0.95	0.95
18	1.00	1.00	1.00	1.00
19	1.05	1.05	1.05	1.05
20	1.10	1.10	1.10	1.10
21	1.15	1.15	1.15	1.15
22	1.20	1.20	1.20	1.20
23	1.25	1.25	1.25	1.25
24	1.30	1.30	1.30	1.30
25	1.35	1.35	1.35	1.35
26	1.40	1.40	1.40	1.40
27	1.45	1.45	1.45	1.45
28	1.50	1.50	1.50	1.50
29	1.55	1.55	1.55	1.55
30	1.60	1.60	1.60	1.60
31	1.65	1.65	1.65	1.65
32	1.70	1.70	1.70	1.70
33	1.75	1.75	1.75	1.75
34	1.80	1.80	1.80	1.80
35	1.85	1.85	1.85	1.85
36	1.90	1.90	1.90	1.90
37	1.95	1.95	1.95	1.95
38	2.00	2.00	2.00	2.00
39	2.05	2.05	2.05	2.05
40	2.10	2.10	2.10	2.10
41	2.15	2.15	2.15	2.15
42	2.20	2.20	2.20	2.20
43	2.25	2.25	2.25	2.25
44	2.30	2.30	2.30	2.30
45	2.35	2.35	2.35	2.35
46	2.40	2.40	2.40	2.40
47	2.45	2.45	2.45	2.45
48	2.50	2.50	2.50	2.50
49	2.55	2.55	2.55	2.55
50	2.60	2.60	2.60	2.60
51	2.65	2.65	2.65	2.65
52	2.70	2.70	2.70	2.70
53	2.75	2.75	2.75	2.75
54	2.80	2.80	2.80	2.80
55	2.85	2.85	2.85	2.85
56	2.90	2.90	2.90	2.90
57	2.95	2.95	2.95	2.95
58	3.00	3.00	3.00	3.00
59	3.05	3.05	3.05	3.05
60	3.10	3.10	3.10	3.10
61	3.15	3.15	3.15	3.15
62	3.20	3.20	3.20	3.20
63	3.25	3.25	3.25	3.25
64	3.30	3.30	3.30	3.30
65	3.35	3.35	3.35	3.35
66	3.40	3.40	3.40	3.40
67	3.45	3.45	3.45	3.45
68	3.50	3.50	3.50	3.50
69	3.55	3.55	3.55	3.55
70	3.60	3.60	3.60	3.60
71	3.65	3.65	3.65	3.65
72	3.70	3.70	3.70	3.70
73	3.75	3.75	3.75	3.75
74	3.80	3.80	3.80	3.80
75	3.85	3.85	3.85	3.85
76	3.90	3.90	3.90	3.90
77	3.95	3.95	3.95	3.95
78	4.00	4.00	4.00	4.00
79	4.05	4.05	4.05	4.05
80	4.10	4.10	4.10	4.10
81	4.15	4.15	4.15	4.15
82	4.20	4.20	4.20	4.20
83	4.25	4.25	4.25	4.25
84	4.30	4.30	4.30	4.30
85	4.35	4.35	4.35	4.35
86	4.40	4.40	4.40	4.40
87	4.45	4.45	4.45	4.45
88	4.50	4.50	4.50	4.50
89	4.55	4.55	4.55	4.55
90	4.60	4.60	4.60	4.60
91	4.65	4.65	4.65	4.65
92	4.70	4.70	4.70	4.70
93	4.75	4.75	4.75	4.75
94	4.80	4.80	4.80	4.80
95	4.85	4.85	4.85	4.85
96	4.90	4.90	4.90	4.90
97	4.95	4.95	4.95	4.95
98	5.00	5.00	5.00	5.00
99	5.05	5.05	5.05	5.05
100	5.10	5.10	5.10	5.10

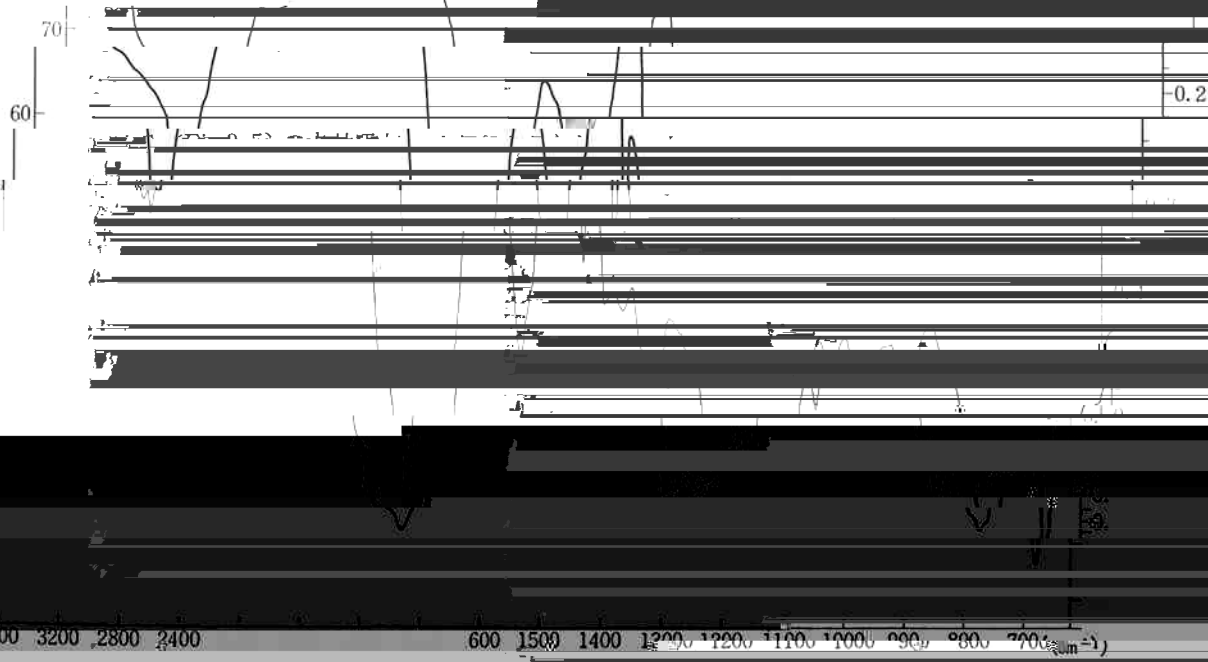
Elementary Analysis

No.		276		298		310		332	
208	2		276						332
208	3		276	298	310				
264									
264									
230		264	298						
230		264	278	298					

であり、上記の結果は、くまで平均的な組成を示した。

I	24	or 264
II	24	264
III	24	264
V		
VII		
	244	

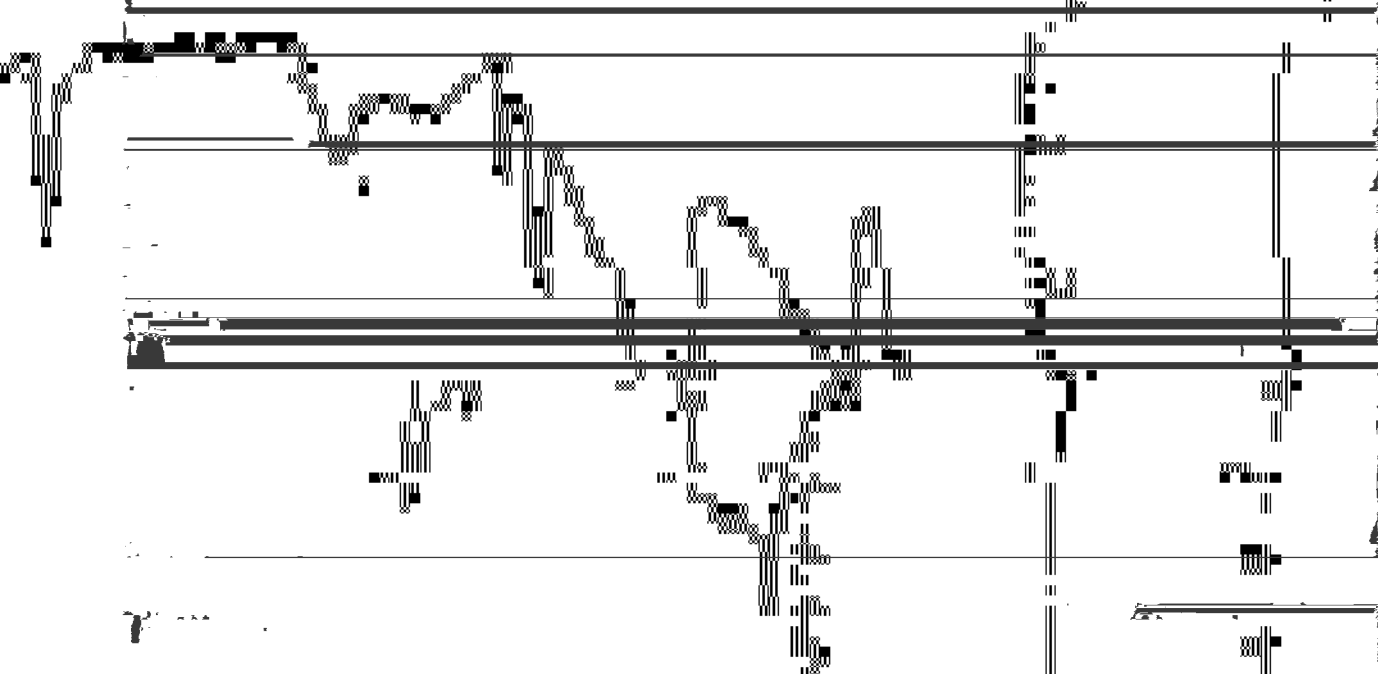
(ii) Fraction No. VIII



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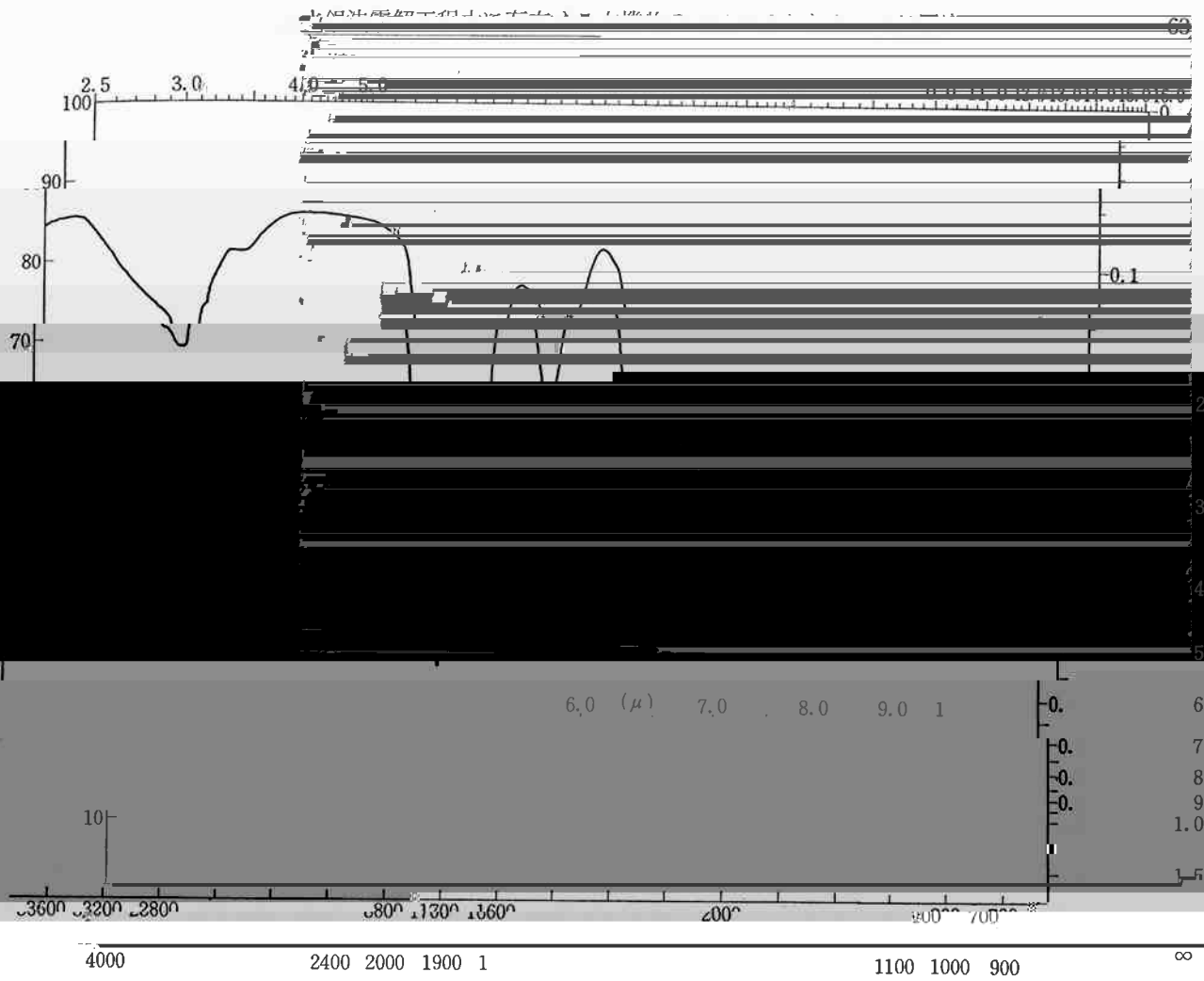
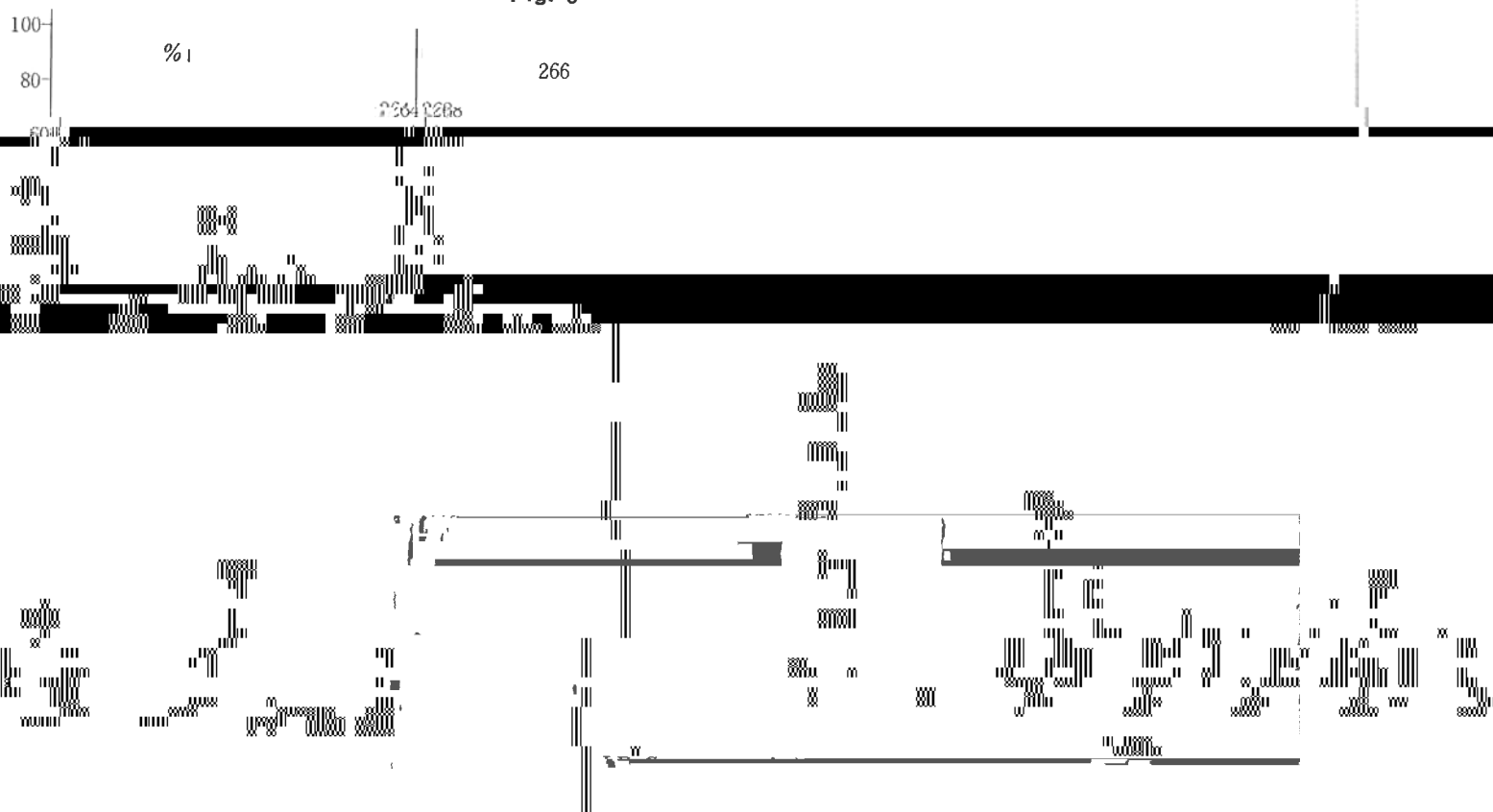
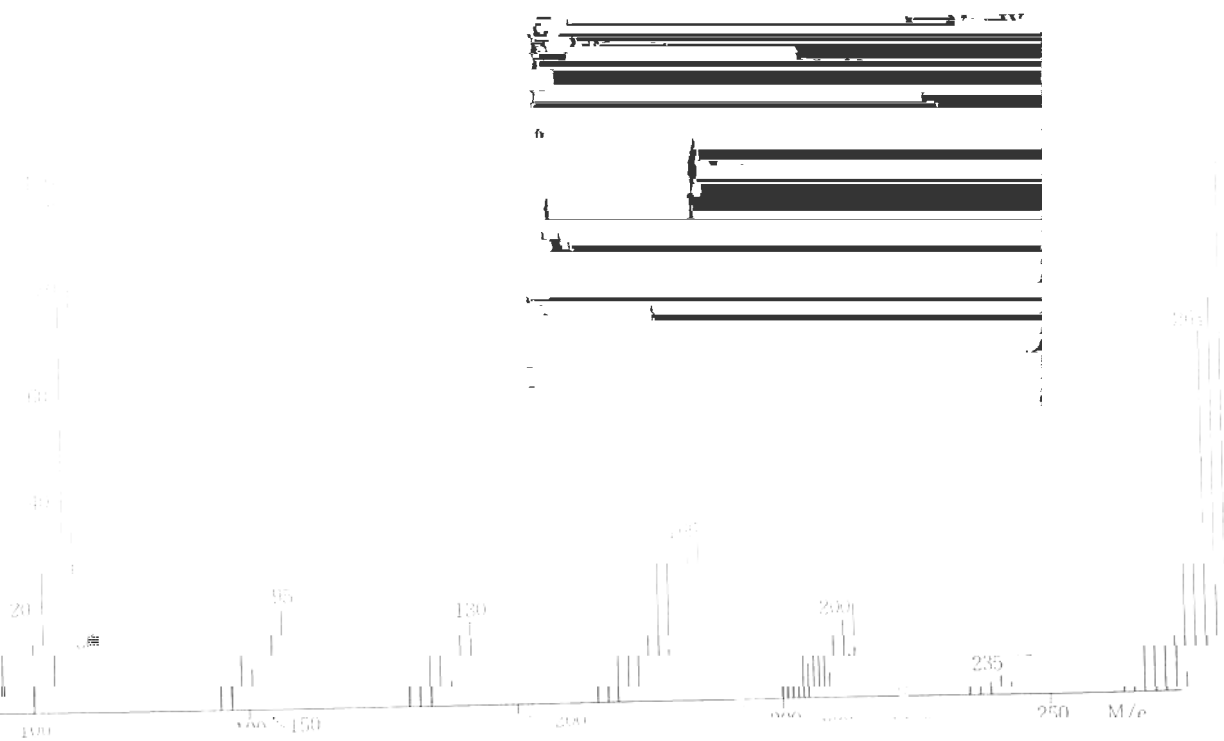
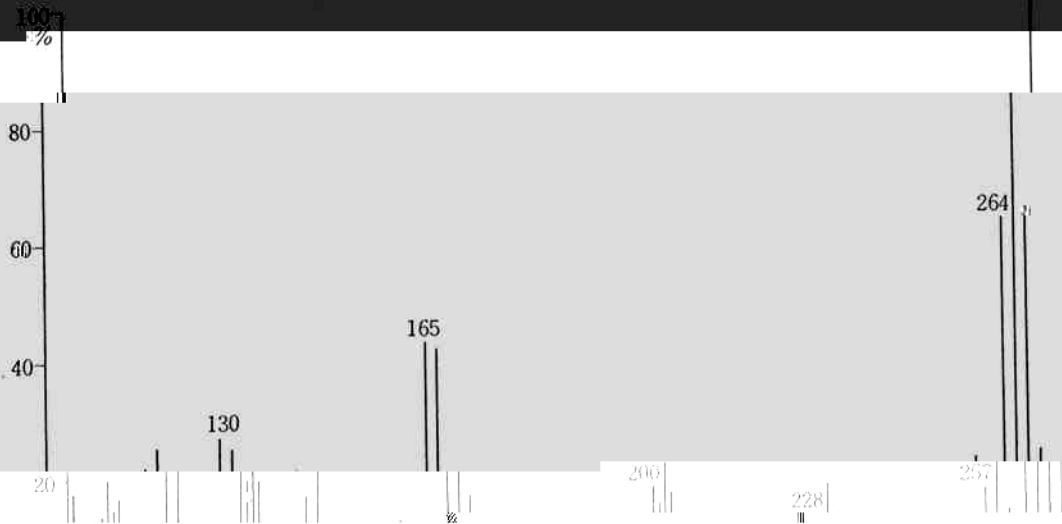
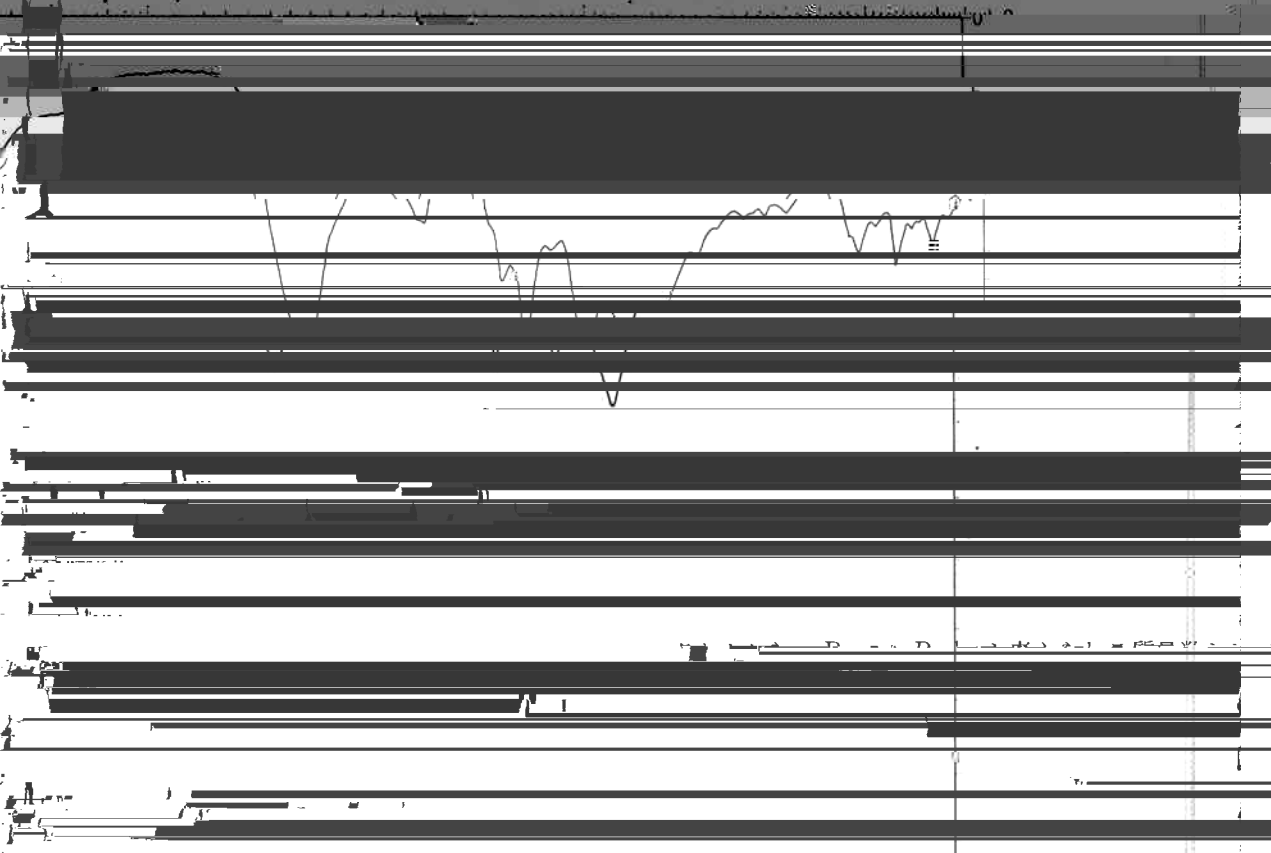


Fig. 5







100  
90  
80  
70  
60  
50  
40  
30  
20  
10  
0



1. The first part of the document discusses the importance of maintaining accurate records and the role of the various departments involved in this process. It emphasizes the need for consistency and the use of standardized forms to ensure that all information is captured and organized correctly.

2. The second part of the document details the specific procedures for data collection and reporting. It outlines the frequency of reports, the format for presenting the data, and the responsibilities of the personnel involved in the process. This section also addresses the importance of data security and the measures taken to protect sensitive information.

3. The third part of the document provides a comprehensive overview of the current status of the project. It includes a summary of the progress made to date, a list of the key challenges that remain, and a discussion of the proposed solutions. This section also includes a timeline for the remaining work and a list of the resources that will be required to complete the project.

4. The final part of the document is a conclusion that summarizes the key findings of the study and provides recommendations for future work. It emphasizes the importance of continued collaboration and communication between all stakeholders and offers suggestions for how to improve the overall efficiency and effectiveness of the project.

2.5

5. The first part of this section discusses the importance of maintaining accurate records and the role of the various departments involved in this process. It emphasizes the need for consistency and the use of standardized forms to ensure that all information is captured and organized correctly.

6. The second part of this section details the specific procedures for data collection and reporting. It outlines the frequency of reports, the format for presenting the data, and the responsibilities of the personnel involved in the process. This section also addresses the importance of data security and the measures taken to protect sensitive information.

7. The third part of this section provides a comprehensive overview of the current status of the project. It includes a summary of the progress made to date, a list of the key challenges that remain, and a discussion of the proposed solutions. This section also includes a timeline for the remaining work and a list of the resources that will be required to complete the project.

8. The final part of this section is a conclusion that summarizes the key findings of the study and provides recommendations for future work. It emphasizes the importance of continued collaboration and communication between all stakeholders and offers suggestions for how to improve the overall efficiency and effectiveness of the project.

9. The first part of this section discusses the importance of maintaining accurate records and the role of the various departments involved in this process. It emphasizes the need for consistency and the use of standardized forms to ensure that all information is captured and organized correctly.

10. The second part of this section details the specific procedures for data collection and reporting. It outlines the frequency of reports, the format for presenting the data, and the responsibilities of the personnel involved in the process. This section also addresses the importance of data security and the measures taken to protect sensitive information.

11. The third part of this section provides a comprehensive overview of the current status of the project. It includes a summary of the progress made to date, a list of the key challenges that remain, and a discussion of the proposed solutions. This section also includes a timeline for the remaining work and a list of the resources that will be required to complete the project.

12. The final part of this section is a conclusion that summarizes the key findings of the study and provides recommendations for future work. It emphasizes the importance of continued collaboration and communication between all stakeholders and offers suggestions for how to improve the overall efficiency and effectiveness of the project.

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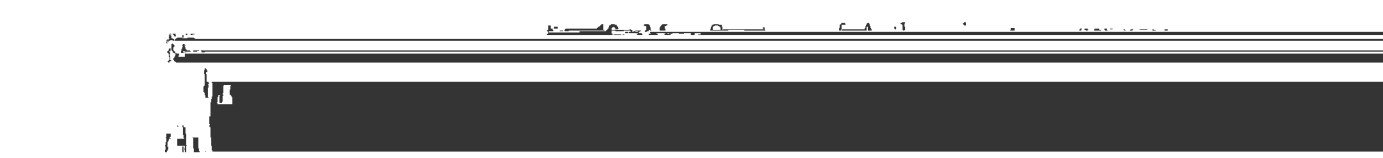
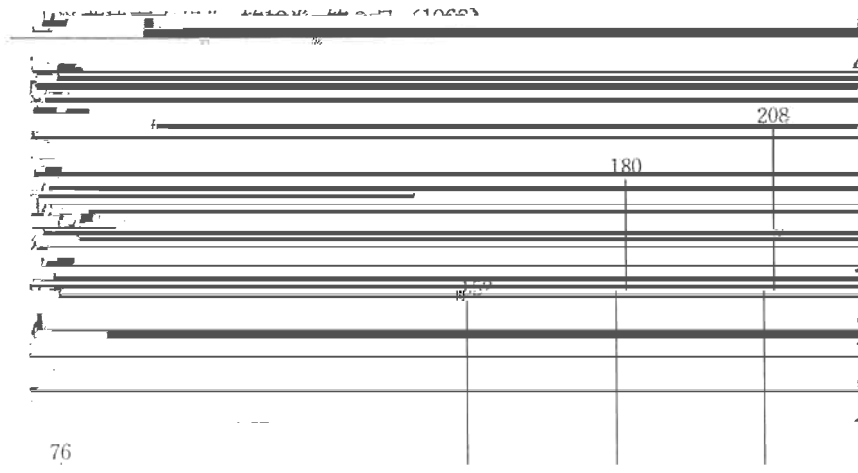
7 "

8 "

Table 9. Determination of M, I, C, T, A, L, S, D										
M/e 276	100		65		11					Cl
M/e 310	100		07		29					Cl
M/e 344	100		124		62					Cl

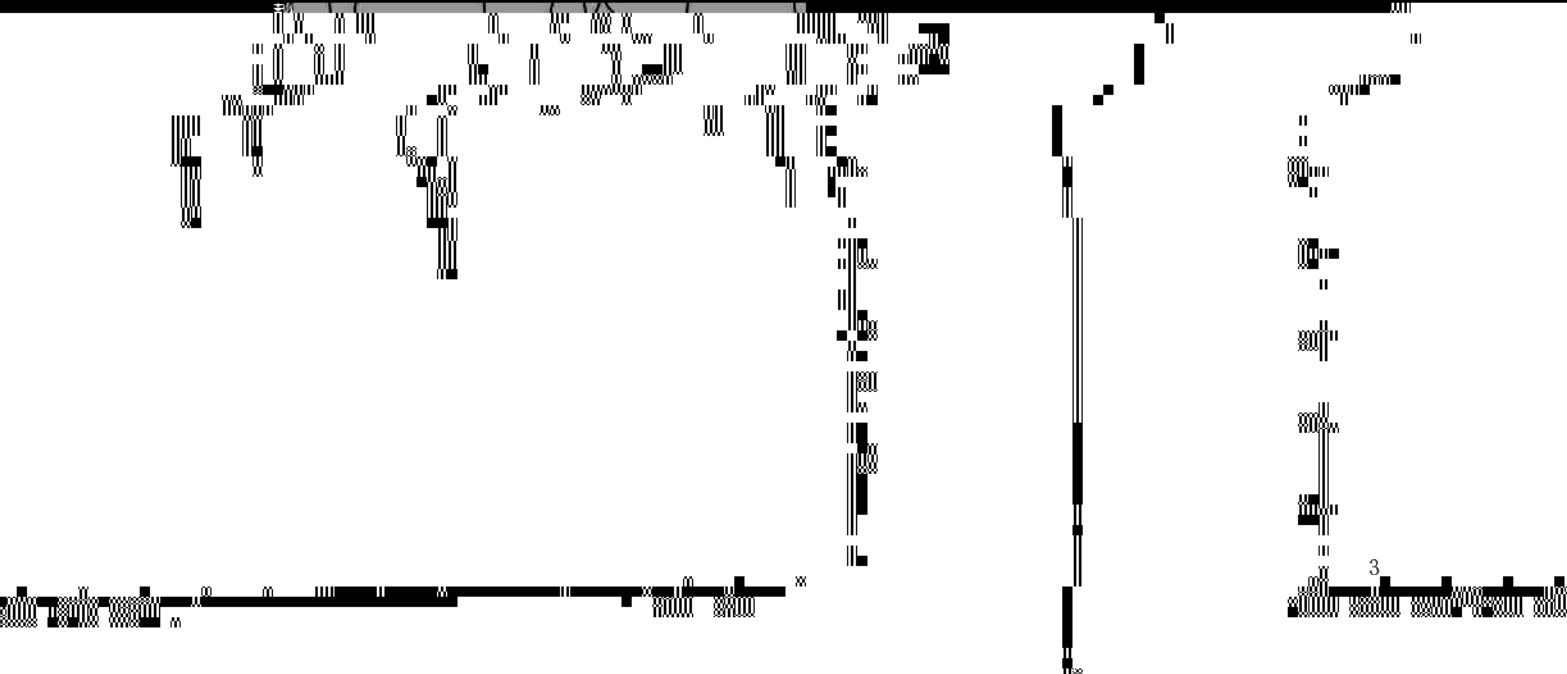
Table 9. Determination of M, I, C, T, A, L, S, D										
M/e 276	100		65		11					Cl
M/e 310	100		07		29					Cl
M/e 344	100		124		62					Cl

68



4.0 0.0 1.0 2.0 3.0 4.0 5.0 6.0 7.0 8.0 9.0 10.0 11.0 12.0 13.0 14.0 15.0 16.0

100 90 80



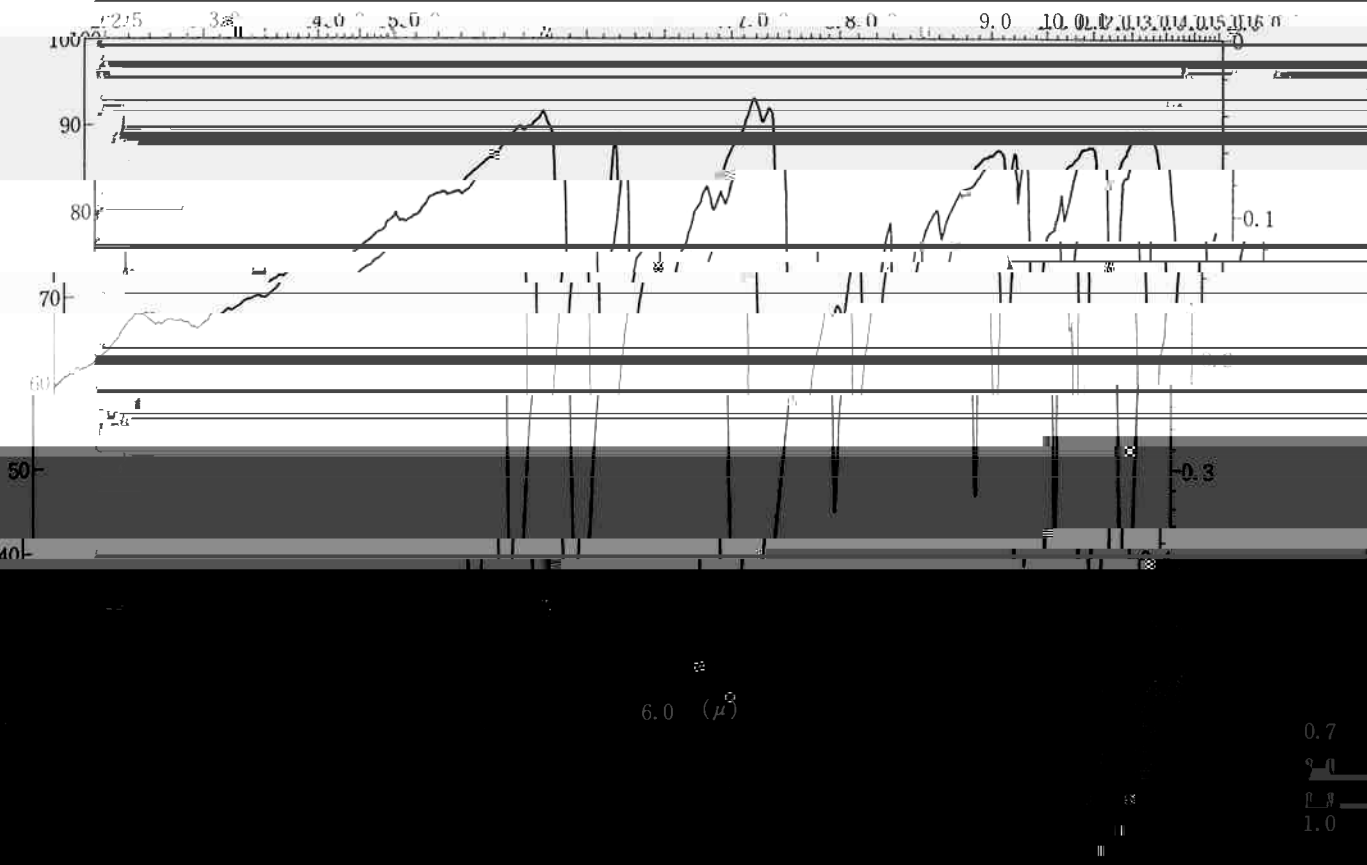


Fig.14 IR Spectrum of Anthraquinone

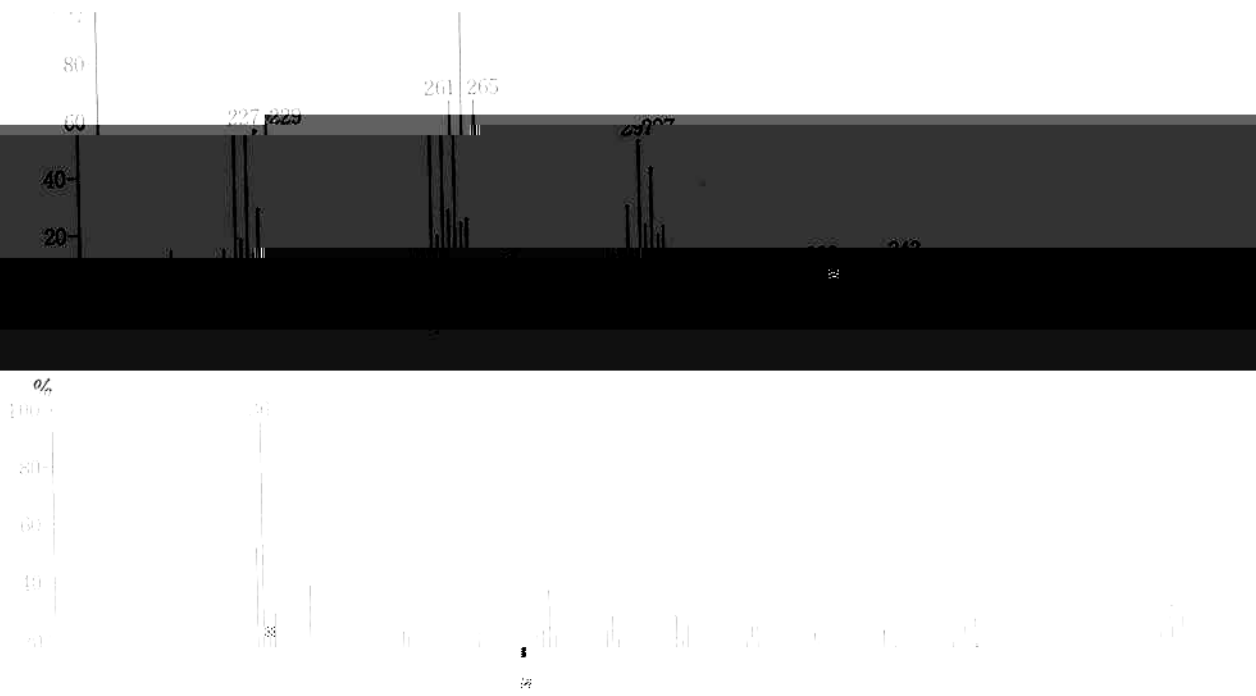
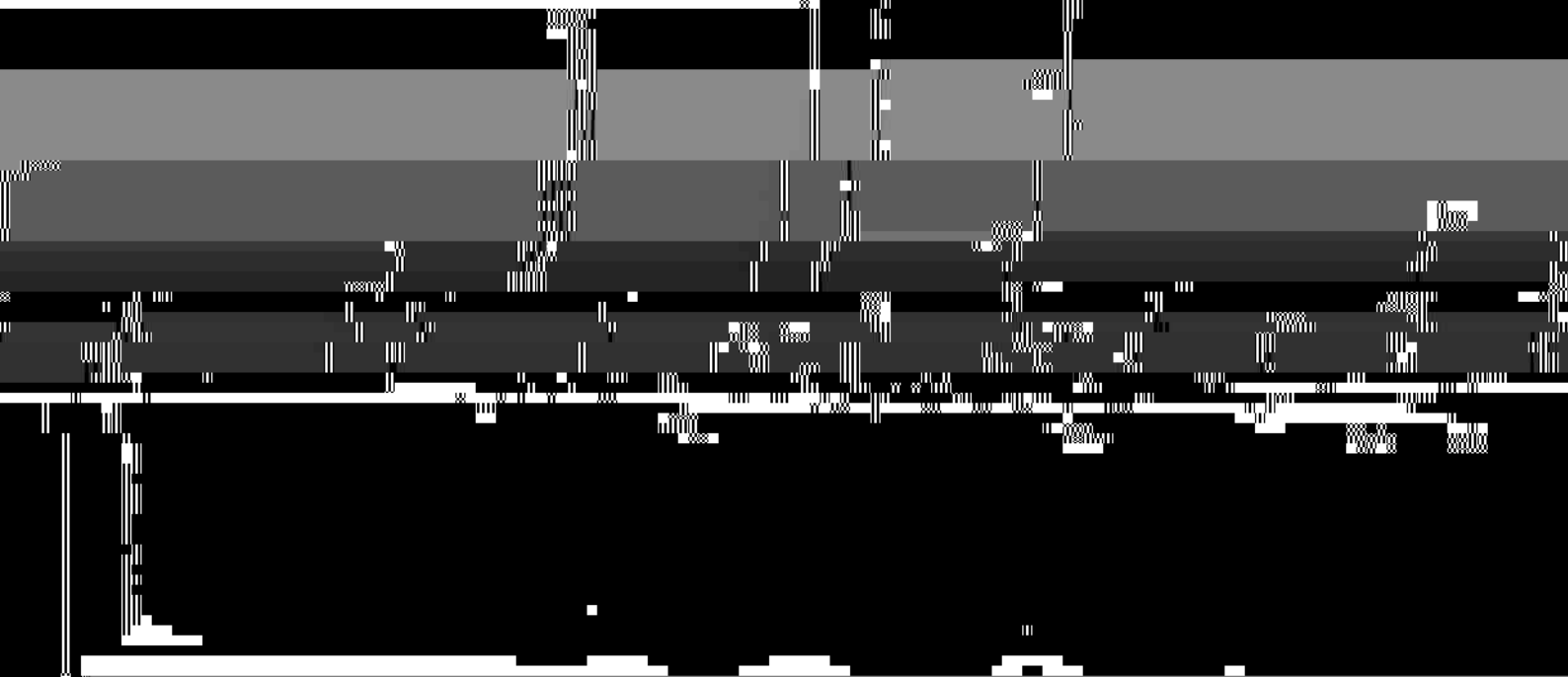
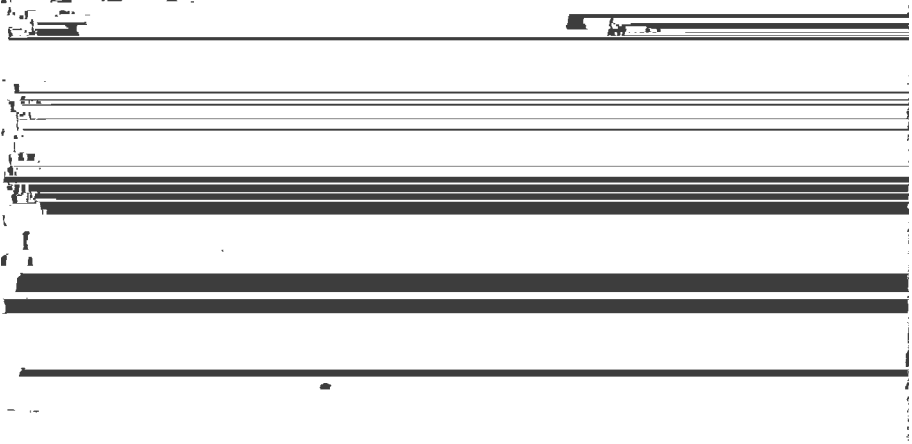
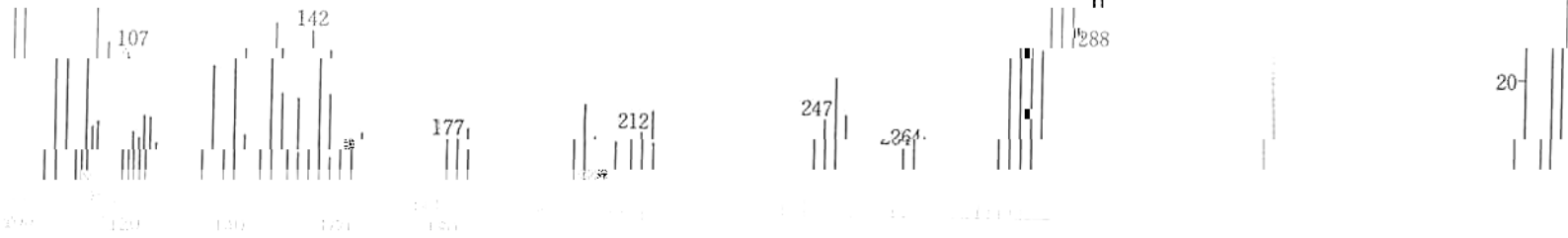


TABLE 1. SUMMARY OF DATA FOR EACH DEMONSTRATION

Run No.	Time (min)	Flow (cfs)	Water Temp (°F)	Water Level (ft)	Notes
1	10:00	100	60	10	Start of run
2	10:15	120	62	12	Flow increased
3	10:30	150	65	15	Flow increased
4	10:45	180	68	18	Flow increased
5	11:00	200	70	20	Flow increased
6	11:15	220	72	22	Flow increased
7	11:30	240	75	24	Flow increased
8	11:45	260	78	26	Flow increased
9	12:00	280	80	28	Flow increased
10	12:15	300	82	30	Flow increased
11	12:30	320	85	32	Flow increased
12	12:45	340	88	34	Flow increased
13	13:00	360	90	36	Flow increased
14	13:15	380	92	38	Flow increased
15	13:30	400	95	40	Flow increased
16	13:45	420	98	42	Flow increased
17	14:00	440	100	44	Flow increased
18	14:15	460	102	46	Flow increased
19	14:30	480	105	48	Flow increased
20	14:45	500	108	50	Flow increased
21	15:00	520	110	52	Flow increased
22	15:15	540	112	54	Flow increased
23	15:30	560	115	56	Flow increased
24	15:45	580	118	58	Flow increased
25	16:00	600	120	60	Flow increased
26	16:15	620	122	62	Flow increased
27	16:30	640	125	64	Flow increased
28	16:45	660	128	66	Flow increased
29	17:00	680	130	68	Flow increased
30	17:15	700	132	70	Flow increased
31	17:30	720	135	72	Flow increased
32	17:45	740	138	74	Flow increased
33	18:00	760	140	76	Flow increased
34	18:15	780	142	78	Flow increased
35	18:30	800	145	80	Flow increased
36	18:45	820	148	82	Flow increased
37	19:00	840	150	84	Flow increased
38	19:15	860	152	86	Flow increased
39	19:30	880	155	88	Flow increased
40	19:45	900	158	90	Flow increased
41	20:00	920	160	92	Flow increased
42	20:15	940	162	94	Flow increased
43	20:30	960	165	96	Flow increased
44	20:45	980	168	98	Flow increased
45	21:00	1000	170	100	Flow increased
46	21:15	1020	172	102	Flow increased
47	21:30	1040	175	104	Flow increased
48	21:45	1060	178	106	Flow increased
49	22:00	1080	180	108	Flow increased
50	22:15	1100	182	110	Flow increased
51	22:30	1120	185	112	Flow increased
52	22:45	1140	188	114	Flow increased
53	23:00	1160	190	116	Flow increased
54	23:15	1180	192	118	Flow increased
55	23:30	1200	195	120	Flow increased
56	23:45	1220	198	122	Flow increased
57	24:00	1240	200	124	Flow increased
58	24:15	1260	202	126	Flow increased
59	24:30	1280	205	128	Flow increased
60	24:45	1300	208	130	Flow increased
61	25:00	1320	210	132	Flow increased
62	25:15	1340	212	134	Flow increased
63	25:30	1360	215	136	Flow increased
64	25:45	1380	218	138	Flow increased
65	26:00	1400	220	140	Flow increased
66	26:15	1420	222	142	Flow increased
67	26:30	1440	225	144	Flow increased
68	26:45	1460	228	146	Flow increased
69	27:00	1480	230	148	Flow increased
70	27:15	1500	232	150	Flow increased
71	27:30	1520	235	152	Flow increased
72	27:45	1540	238	154	Flow increased
73	28:00	1560	240	156	Flow increased
74	28:15	1580	242	158	Flow increased
75	28:30	1600	245	160	Flow increased
76	28:45	1620	248	162	Flow increased
77	29:00	1640	250	164	Flow increased
78	29:15	1660	252	166	Flow increased
79	29:30	1680	255	168	Flow increased
80	29:45	1700	258	170	Flow increased
81	30:00	1720	260	172	Flow increased
82	30:15	1740	262	174	Flow increased
83	30:30	1760	265	176	Flow increased
84	30:45	1780	268	178	Flow increased
85	31:00	1800	270	180	Flow increased
86	31:15	1820	272	182	Flow increased
87	31:30	1840	275	184	Flow increased
88	31:45	1860	278	186	Flow increased
89	32:00	1880	280	188	Flow increased
90	32:15	1900	282	190	Flow increased
91	32:30	1920	285	192	Flow increased
92	32:45	1940	288	194	Flow increased
93	33:00	1960	290	196	Flow increased
94	33:15	1980	292	198	Flow increased
95	33:30	2000	295	200	Flow increased
96	33:45	2020	298	202	Flow increased
97	34:00	2040	300	204	Flow increased
98	34:15	2060	302	206	Flow increased
99	34:30	2080	305	208	Flow increased
100	34:45	2100	308	210	Flow increased



度で認められる。そこで、M/e. 199 の同位体存在比を測

ogee

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80  
20

11

117



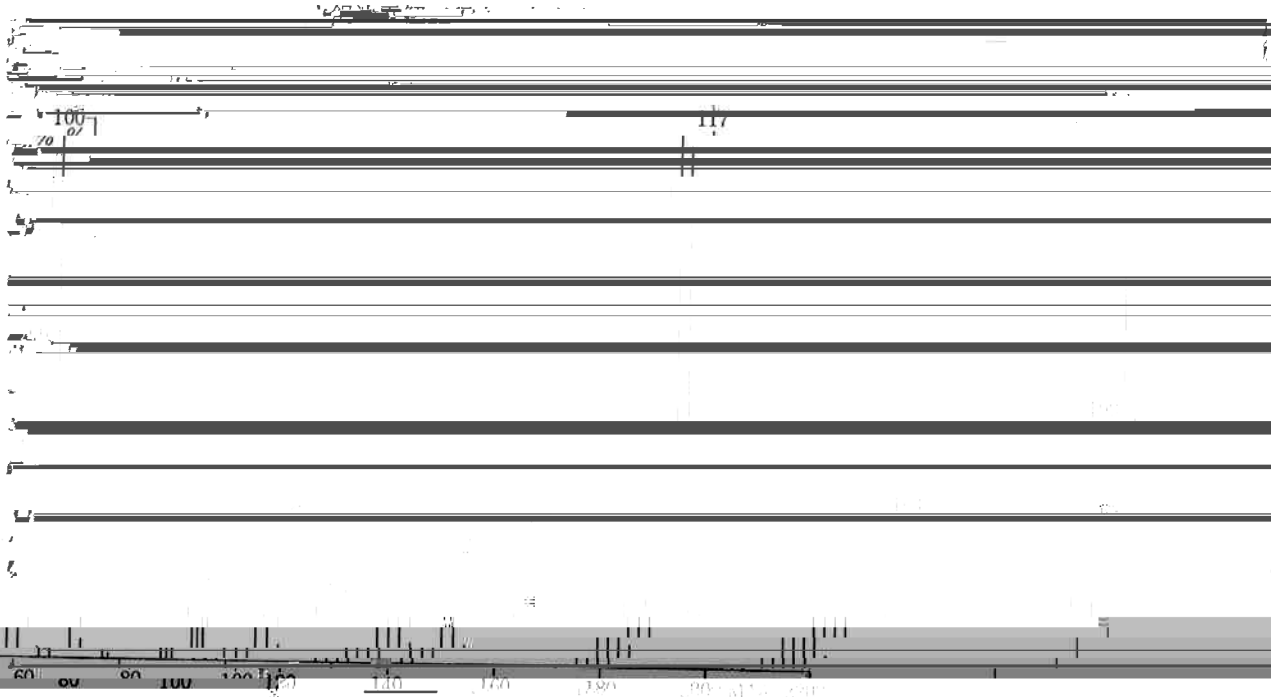


Fig. 10. X-ray diffraction pattern.

結 果

Discussion of experimental results

Sample No.	Temperature (°C)	Crystal Size (Å)	Intensity (a.u.)
1	100	100	100
2	150	150	150
3	200	200	200
4	250	250	250
5	300	300	300

Table 13. Experimental Results of X-ray Diffraction

Sample No.	Temperature (°C)	Crystal Size (Å)	Intensity (a.u.)
1	100	100	100
2	150	150	150
3	200	200	200
4	250	250	250
5	300	300	300
6	350	350	350
7	400	400	400
8	450	450	450
9	500	500	500
10	550	550	550
11	600	600	600
12	650	650	650
13	700	700	700
14	750	750	750
15	800	800	800
16	850	850	850
17	900	900	900
18	950	950	950
19	1000	1000	1000



[REDACTED]

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