

61	1:00:40	1:00:46	00:01	-3647	-1.	D	C30 20S ISOSTER218 (30bbs)
62	1:01:38	1:01:35	1:01:33	-2	2979690.	-	C30 4-METHYL STERANE (46)
63	10:46	10:46	10:44	-2	1377960064.	-	2-ME NAPHTHALENE
64	11:06	11:06	11:05	-1	1133890048.	-	1-ME NAPHTHALENE
65	13:14	13:13	13:12	-1	5945070.	-	2-ME BIPHENYL
66	15:32	15:31	15:30	-1	70380504.	-	3-ME BIPHENYL
67	15:46	15:44	15:46	2	11784500.	D	4-ME BIPHENYL
68	24:16	24:15	24:15	0	439578016.	#	PHENANTHRENE
69	28:03	28:02	28:02	0	42707900.	S	3-ME PHENANTHRENE
70	28:13	28:12	28:10	-2	51631400.	D	2-ME PHENANTHRENE
71	28:45	28:44	28:42	-2	119888000.	S	9-ME PHENANTHRENE
72	28:54	28:51	28:52	1	90238504.	D	1-ME PHENANTHRENE
73	26:42	26:41	26:41	0	11367200.	#	4-ME DIBENZOTHIOPHENE
74	27:19	27:18	27:20	2	5277070.	-	3+2-ME DIBENZOTHIOPHENE
75	27:58	27:57	27:55	-2	5801720.	-	1-ME DIBENZOTHIOPHENE
76	36:31	36:29	36:36	7	10784400.	S	C21 MA STERANE (F22:A1)
77	38:53	38:50	38:56	6	10966500.	S	C22 MA STERANE (F23:B1)
78	49:01	48:58	48:58	0	5279420.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:09	49:10	1	6545000.	S	C27 20S 10B DM MA-DIA (C1)
80	50:44	50:41	50:42	1	12108600.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:52	50:50	50:49	-1	6937930.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:11	51:11	0	33921300.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:45	51:43	-2	5717510.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:43	52:40	52:39	-1	32613700.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:43	52:39	52:39	0	32613700.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:57	52:54	52:53	-1	47612200.	S	C28 20R 5B DM MA-ST(F8:G1)
87	53:02	52:58	00:01	-3179	-1.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:22	54:19	54:18	-1	10283700.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:51	54:48	54:47	-1	12429200.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:57	54:53	00:01	-3294	-1.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:32	56:29	56:28	-1	10808800.	S	C29 20R 5A DM MA-ST(F13:I1)
92	44:00	43:57	43:48	-9	864475.	S	C20 ME TA-STER(F14:a1)
93	46:31	46:28	46:29	1	1789320.	S	C21 ME TA-STER(F15:b1)
94	56:11	56:08	56:07	-1	1353210.	-	C26 20S ME TA-STER(F16:c1)
95	57:49	57:46	57:45	-1	6451360.	-	C26 20R ME TA-STER(F17:d1)+
96	57:49	57:45	57:45	0	6451360.	D	C27 20S ME TA-STER(F18:d1)
97	59:10	59:07	59:06	-1	2708750.	-	C28 20S ME TA-STER(F19:e1)
98	59:51	59:48	59:47	-1	4063230.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:32	1:01:29	1:01:28	-1	2671260.	-	C28 20R ME TA-STER(F21:g1)
100	53:40	53:37	00:01	-3218	-1.	-	9-DDPA

REF WIN= 15 RT WIN= 10 DBLE WIN= 3 DEAD VOL= 1 RES= 6000.

ANALYSIS=MPDMIO00795021.LIS

RT CAL=NSACARO.TIM

Sample#2 Text:6305/7-1 2917.5m \$9809SED006S001\$ File Text:6000RP GCMS Exp:GCM

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	36:13	36:13	00:01	-2174		-1. -	2-TBA
2	23:45	23:45	23:45	0	705449024.	-	PRISTANE
3	27:10	27:10	27:10	0	451087008.	-	PHYTANE
4	41:22	41:22	41:22	0	12694200.	#	C23 TRICYC TERPANE (T5:23/3)
5	42:57	42:57	42:57	0	10268700.	-	C24 TRICYC TERPANE (24/3)
6	46:02	46:02	46:02	0	8307970.	-	C25 TRICYC TERPANE (25/3)
7	47:37	47:37	47:37	0	15851300.	-	C24 TETRACYC TERP (\$:24/4)
8	48:18	48:18	48:18	0	6287210.	-	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:30	48:30	0	2819760.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:36	55:36	0	23965000.	-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:28	56:28	0	35280500.	S	C27 17A HOPANE (Tm:27Tm)
12	57:14	57:14	57:14	0	34842700.	-	25-TRISNORM/z177 (25nor28ab)
13	58:36	58:36	58:36	0	39397300.	-	C28 BISNORHOPANE (X:28ab)
14	59:11	59:11	59:11	0	15588500.	-	25-NOR m/z177 (Y:25nor30ab)
15	59:11	59:11	59:11	0	23170200.	D	25-NORHOPANE (Y:25nor30ab)
16	59:40	59:40	59:40	0	85127800.	-	C29 HOPANE (D:29ab)
17	59:47	59:47	59:47	0	31693300.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:15	1:00:15	1:00:15	0	9460200.	-	C30 C30 DIAHOPANE (PI:30d)
19	1:00:41	1:00:41	1:00:41	0	39184900.	-	C29 NORMORETANE (A:29ba)
20	1:01:13	1:01:13	1:01:23	10	5104870.	-	C30 18A OLEANANE (B:300)
21	1:01:33	1:01:33	1:01:33	0	123794000.	#	C30 HOPANE (G:30ab)
22	1:01:51	1:01:51	1:01:51	0	22286400.	S	NOR-GAMMACERANE? (G2)
23	1:02:21	1:02:21	1:02:21	0	20298400.	-	C30 MORETANE (K:30ba)
24	1:03:44	1:03:44	1:03:44	0	33096400.	-	C31 22S HOPANE (N:31abS)
25	1:03:59	1:03:59	1:03:59	0	42170700.	-	C31 22R HOPANE (O:31abR)
26	1:03:44	1:03:44	1:03:44	0	11155600.	-	C31 22S M/Z205 (N205)
27	1:03:59	1:03:59	1:03:59	0	16043100.	P	C31 22R M/Z205 (O205)
28	1:03:59	1:03:59	1:03:59	0	42170700.	D	C30 GAMACERANE (S:30G)
29	1:04:22	1:04:22	1:04:22	0	13049300.	S	C30 17B 21B HOPANE (P)
30	1:05:27	1:05:27	1:05:27	0	21722400.	-	C32 22S HOPANE (U:32abS)
31	1:05:48	1:05:48	1:05:48	0	29532300.	-	C32 22R HOPANE (V:32abR)
32	1:07:27	1:07:27	1:07:27	0	10936500.	-	C33 22S HOPANE (Alpha:32abS)
33	1:07:56	1:07:56	1:07:56	0	24820700.	#	C33 22R HOPANE (Beta:32abR)
34	1:09:29	1:09:29	1:09:29	0	26280500.	-	C34 22S HOPANE (Gamma:34abS)
35	1:10:07	1:10:07	1:10:07	0	8491670.	-	C34 22R HOPANE (Delta:34abR)
36	1:11:31	1:11:31	1:11:31	0	6799280.	-	C35 22S HOP (Epsilon:35abS)
37	1:12:13	1:12:13	1:12:13	0	12478500.	-	C35 22R HOPANE (Zeta:35abR)
38	38:42	38:42	38:42	0	18074900.	-	C21 STERANE
39	50:43	50:43	50:43	0	36676600.	-	C27 20S DIASTER (10:27dbS)
40	51:36	51:36	51:36	0	26965100.	-	C27 20R DIASTER (11:27dbR)
41	54:25	54:25	54:25	0	25459200.	P	C27 20S AAA STER (20:27aaS)
42	54:43	54:43	54:43	0	33525700.	P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:41	54:41	0	13280000.	P	C27 20R ISOST218 (21B:27bbR)
44	54:53	54:53	54:53	0	6368940.	D	C27 20S ISOST218 (22:27bbS)
45	54:43	54:43	54:43	0	33525700.	P	C27 20R ISOSTER 217 (27bbR)
46	54:54	54:54	00:01	-3295		-1. D	C27 20S ISOSTER 217 (27bbS)
47	55:23	55:23	55:23	0	18098700.	P	C27 20R AAA STER (25:27aaR)
48	55:45	55:45	55:45	0	23118500.	P	C29 20S DIASTER (27:29dbR)
49	57:00	57:00	57:00	0	10049000.	P	C28 20R ISOST218 (33A:28bbR)
50	57:13	57:13	57:13	0	7012070.	D	C28 20S ISOST218 (34:28bbS)
51	56:58	56:58	56:58	0	16395400.	P	C28 20R ISOSTER 217 (28bbR)
52	57:13	57:13	57:13	0	5614090.	D	C28 20S ISOSTER 217 (28bbS)
53	57:49	57:49	57:49	0	18154000.	-	C28 20R AAA STER (36:28aaR)
54	58:35	58:35	58:35	0	8980560.	S	C29 20S AAA STER (39:29aaS)
55	58:57	58:57	58:57	0	8221560.	P	C29 20R ISOST218 (40:29bbR)
56	59:06	59:06	59:06	0	10091400.	D	C29 20S ISOST218 (41:29bbS)
57	58:56	58:56	59:04	8	21522900.	P	C29 20R ISOSTER217 (29bbR)
58	59:05	59:13	00:01	-3554		-1. D	C29 20S ISOSTER217 (29bbS)
59	59:54	59:54	59:54	0	23194000.	-	C29 20R AAA STER (42:29aaR)
60	1:00:31	1:00:31	1:00:41	10	4686380.	P	C30 20R ISOSTER218 (30bbR)

61	1:00:38	1:00:48	00:01	-3649	-1.	D	C30 20S ISOSTER218 (30bbs)
62	1:01:36	1:01:36	1:01:36	0	3061260.	-	C30 4-METHYL STERANE (46)
63	10:42	10:42	10:42	0	682908992.	-	2-ME NAPHTHALENE
64	11:02	11:02	11:02	0	421423008.	-	1-ME NAPHTHALENE
65	13:10	13:10	13:10	0	19539300.	-	2-ME BIPHENYL
66	15:27	15:27	15:27	0	435743008.	-	3-ME BIPHENYL
67	15:42	15:42	15:42	0	114161000.	D	4-ME BIPHENYL
68	24:10	24:10	24:10	0	977961984.	#	PHENANTHRENE
69	27:58	27:58	27:58	0	245941008.	S	3-ME PHENANTHRENE
70	28:06	28:06	28:06	0	337546016.	D	2-ME PHENANTHRENE
71	28:40	28:40	28:40	0	418876992.	S	9-ME PHENANTHRENE
72	28:49	28:49	28:49	0	255208000.	D	1-ME PHENANTHRENE
73	26:37	26:37	26:37	0	33448400.	#	4-ME DIBENZOTHIOPHENE
74	27:14	27:14	27:14	0	23878100.	-	3+2-ME DIBENZOTHIOPHENE
75	27:52	27:52	27:52	0	12212700.	-	1-ME DIBENZOTHIOPHENE
76	36:29	36:29	36:29	0	54362900.	S	C21 MA STERANE (F22:A1)
77	38:51	38:51	38:51	0	37185000.	S	C22 MA STERANE (F23:B1)
78	49:00	49:00	49:00	0	8826490.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:12	49:12	0	37153300.	S	C27 20S 10B DM MA-DIA (C1)
80	50:40	50:40	50:45	5	35992600.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:48	50:53	50:53	0	8487950.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:14	51:14	0	153254000.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:48	51:48	0	30999600.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:42	52:42	52:42	0	41908200.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:42	52:42	52:42	0	41908200.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:51	52:51	52:56	5	146726000.	S	C28 20R 5B DM MA-ST(F8:G1)
87	52:57	53:02	00:01	-3183	-1.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:21	54:21	54:21	0	11839000.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:38	54:38	54:43	5	34243200.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:44	54:49	54:49	0	34137300.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:29	56:29	56:29	0	13914400.	S	C29 20R 5A DM MA-ST(F13:I1)
92	43:58	43:58	43:59	1	11019600.	S	C20 ME TA-STER(F14:a1)
93	46:28	46:28	46:27	-1	9105640.	S	C21 ME TA-STER(F15:b1)
94	56:08	56:08	56:08	0	3219540.	-	C26 20S ME TA-STER(F16:c1)
95	57:46	57:46	57:46	0	10789100.	-	C26 20R ME TA-STER(F17:d1)+
96	57:46	57:46	57:46	0	10789100.	D	C27 20S ME TA-STER(F18:d1)
97	59:06	59:06	59:06	0	4904270.	-	C28 20S ME TA-STER(F19:e1)
98	59:47	59:47	59:47	0	5668770.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:28	1:01:28	1:01:28	0	3487210.	-	C28 20R ME TA-STER(F21:g1)
100	53:38	53:38	53:38	0	3815610.	-	9-DDPA

REF WIN= 15 RT WIN= 10 DBLE WIN= 3 DEAD VOL= 1 RES= 6000.

ANALYSIS=MPDMIO00795031.LIS

RT CAL=NSACARO.TIM

Sample#3 Text:6305/7-1 2925.2m \$9809SED006S009\$ File Text:6000RP GCMS Exp:GCM

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	36:13	36:10	00:01	-2171		-1.	2-TBA
2	23:45	23:43	23:41	-2	199484000.	-	PRISTANE
3	27:10	27:07	27:07	0	121845000.	-	PHYTANE
4	41:22	41:19	41:19	0	4371610.	#	C23 TRICYC TERPANE(T5:23/3)
5	42:57	42:54	42:54	0	3224520.	-	C24 TRICYC TERPANE (24/3)
6	46:02	45:59	45:59	0	3548980.	-	C25 TRICYC TERPANE (25/3)
7	47:37	47:34	47:33	-1	8613200.	-	C24 TETRACYC TERP (\$:24/4)
8	48:18	48:15	48:14	-1	2861720.	-	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:27	48:26	-1	2125930.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:33	55:31	-2	9572130.	-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:25	56:23	-2	15748600.	S	C27 17A HOPANE (Tm:27Tm)
12	57:14	57:11	57:11	0	11645000.	-	25-TRISNORM/z177(25nor28ab)
13	58:36	58:33	58:33	0	13080100.	-	C28 BISNORHOPANE (X:28ab)
14	59:11	59:08	59:07	-1	5343800.	-	25-NOR m/z177 (Y:25nor30ab)
15	59:11	59:07	59:07	0	8715870.	D	25-NORHOPANE (Y:25nor30ab)
16	59:40	59:37	59:36	-1	34396800.	-	C29 HOPANE (D:29ab)
17	59:47	59:43	59:45	2	13136900.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:15	1:00:12	1:00:11	-1	3452810.	-	C30 C30 DIAHOPANE (PI:30d)
19	1:00:41	1:00:38	1:00:38	0	12226600.	-	C29 NORMORETANE (A:29ba)
20	1:01:13	1:01:10	00:01	-3671		-1.	C30 18A OLEANANE (B:300)
21	1:01:33	1:01:30	1:01:30	0	46861900.	#	C30 HOPANE (G:30ab)
22	1:01:51	1:01:48	1:01:49	1	7226850.	S	NOR-GAMMACERANE? (G2)
23	1:02:21	1:02:17	1:02:18	1	7362890.	-	C30 MORETANE (K:30ba)
24	1:03:44	1:03:39	1:03:42	3	13112100.	-	C31 22S HOPANE (N:31abS)
25	1:03:59	1:03:54	1:03:57	3	15117900.	-	C31 22R HOPANE (O:31abR)
26	1:03:44	1:03:39	1:03:42	3	4233320.	-	C31 22S M/Z205 (N205)
27	1:03:59	1:03:54	1:03:57	3	4897880.	P	C31 22R M/Z205 (O205)
28	1:03:59	1:03:57	1:03:57	0	15117900.	D	C30 GAMACERANE (S:30G)
29	1:04:22	1:04:17	1:04:20	3	5162180.	S	C30 17B 21B HOPANE (P)
30	1:05:27	1:05:21	1:05:25	4	6704500.	-	C32 22S HOPANE (U:32abS)
31	1:05:48	1:05:42	1:05:46	4	9196980.	-	C32 22R HOPANE (V:32abR)
32	1:07:27	1:07:19	1:07:24	5	3335260.	-	C33 22S HOPANE(Alpha:32abS)
33	1:07:56	1:07:48	1:07:48	0	9626290.	#	C33 22R HOPANE (Beta:32abR)
34	1:09:29	1:09:20	1:09:27	7	7261110.	-	C34 22S HOPANE(Gamma:34abS)
35	1:10:07	1:09:57	1:10:03	6	2003290.	-	C34 22R HOPANE(Delta:34abR)
36	1:11:31	1:11:20	1:11:29	9	2212340.	-	C35 22S HOP (Epsilon:35abS)
37	1:12:13	1:12:02	1:12:11	9	2782860.	-	C35 22R HOPANE (Zeta:35abR)
38	38:42	38:39	38:38	-1	5964550.	-	C21 STERANE
39	50:43	50:40	50:38	-2	14828300.	-	C27 20S DIASTER (10:27dbS)
40	51:36	51:33	51:32	-1	11506700.	-	C27 20R DIASTER (11:27dbR)
41	54:25	54:22	54:20	-2	9632730.	P	C27 20S AAA STER (20:27aaS)
42	54:43	54:40	54:40	0	11884300.	P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:38	54:38	0	4818380.	P	C27 20R ISOST218(21B:27bbR)
44	54:53	54:50	54:48	-2	1993390.	D	C27 20S ISOST218 (22:27bbS)
45	54:43	54:40	54:40	0	11884300.	P	C27 20R ISOSTER 217 (27bbR)
46	54:54	54:51	00:01	-3292		-1.	C27 20S ISOSTER 217 (27bbS)
47	55:23	55:20	55:18	-2	6953250.	P	C27 20R AAA STER (25:27aaR)
48	55:45	55:42	55:42	0	10050100.	P	C29 20S DIASTER (27:29dbR)
49	57:00	56:57	56:57	0	3171910.	P	C28 20R ISOST218(33A:28bbR)
50	57:13	57:10	57:10	0	2091340.	D	C28 20S ISOST218 (34:28bbS)
51	56:58	56:55	56:56	1	6314600.	P	C28 20R ISOSTER 217 (28bbR)
52	57:13	57:11	57:10	-1	2237840.	D	C28 20S ISOSTER 217 (28bbS)
53	57:49	57:46	57:46	0	6766480.	-	C28 20R AAA STER (36:28aaR)
54	58:35	58:32	58:31	-1	3697580.	S	C29 20S AAA STER (39:29aaS)
55	58:57	58:54	58:55	1	2616820.	P	C29 20R ISOST218 (40:29bbR)
56	59:06	59:04	59:04	0	2637990.	D	C29 20S ISOST218 (41:29bbS)
57	58:56	58:53	59:00	7	8102760.	P	C29 20R ISOSTER217 (29bbR)
58	59:05	59:09	00:01	-3550		-1.	C29 20S ISOSTER217 (29bbS)
59	59:54	59:51	59:50	-1	8703700.	-	C29 20R AAA STER (42:29aaR)
60	1:00:31	1:00:28	1:00:32	4	461953.	P	C30 20R ISOSTER218 (30bbR)

61	1:00:38	1:00:39	1:00:39	0	671515.	D	C30 20S ISOSTER218 (30bbs)
62	1:01:36	1:01:33	1:01:34	1	1209840.	-	C30 4-METHYL STERANE (46)
63	10:42	10:41	10:41	0	609883008.	-	2-ME NAPHTHALENE
64	11:02	11:01	11:01	0	392336992.	-	1-ME NAPHTHALENE
65	13:10	13:09	13:09	0	16262700.	-	2-ME BIPHENYL
66	15:27	15:26	15:26	0	325394016.	-	3-ME BIPHENYL
67	15:42	15:41	15:40	-1	79505200.	D	4-ME BIPHENYL
68	24:10	24:08	24:08	0	520386016.	#	PHENANTHRENE
69	27:58	27:55	27:55	0	94128600.	S	3-ME PHENANTHRENE
70	28:06	28:03	28:03	0	128835000.	D	2-ME PHENANTHRENE
71	28:40	28:37	28:36	-1	196864000.	S	9-ME PHENANTHRENE
72	28:49	28:45	28:46	1	123587000.	D	1-ME PHENANTHRENE
73	26:37	26:34	26:34	0	12014000.	#	4-ME DIBENZOTHIOPHENE
74	27:14	27:11	27:11	0	8621750.	-	3+2-ME DIBENZOTHIOPHENE
75	27:52	27:49	27:50	1	4424950.	-	1-ME DIBENZOTHIOPHENE
76	36:29	36:26	36:26	0	23588800.	S	C21 MA STERANE (F22:A1)
77	38:51	38:48	38:48	0	16469900.	S	C22 MA STERANE (F23:B1)
78	49:00	48:57	48:57	0	3717410.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:09	49:09	0	17104300.	S	C27 20S 10B DM MA-DIA (C1)
80	50:40	50:37	50:40	3	15570500.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:48	50:48	50:47	-1	3519030.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:11	51:10	-1	67705200.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:45	51:43	-2	17076600.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:42	52:39	52:38	-1	18781600.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:42	52:38	52:38	0	18781600.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:51	52:48	52:52	4	62613700.	S	C28 20R 5B DM MA-ST(F8:G1)
87	52:57	52:58	00:01	-3179	-1.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:21	54:18	54:17	-1	4634840.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:38	54:35	54:39	4	15998400.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:44	54:45	54:45	0	12831500.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:29	56:26	56:27	1	5399030.	S	C29 20R 5A DM MA-ST(F13:I1)
92	43:58	43:55	43:59	4	13292700.	S	C20 ME TA-STER(F14:a1)
93	46:28	46:25	46:32	7	10615600.	S	C21 ME TA-STER(F15:b1)
94	56:08	56:05	56:05	0	1327000.	-	C26 20S ME TA-STER(F16:c1)
95	57:46	57:43	57:43	0	4245470.	-	C26 20R ME TA-STER(F17:d1)+
96	57:46	57:43	57:43	0	4245470.	D	C27 20S ME TA-STER(F18:d1)
97	59:06	59:03	59:05	2	1495490.	-	C28 20S ME TA-STER(F19:e1)
98	59:47	59:44	59:43	-1	1707860.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:28	1:01:25	1:01:27	2	842789.	-	C28 20R ME TA-STER(F21:g1)
100	53:38	53:35	53:44	9	1058900.	-	9-DDPA

REF WIN= 15 RT WIN= 10 DBLE WIN= 3 DEAD VOL= 1 RES= 6000.

ANALYSIS=MPDMIO00795041.LIS

RT CAL=NSACARO.TIM

Sample#4 Text:6305/7-1 2934.55m \$9809SED006S018\$ File Text:6000RP GCMS Exp:GC

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	36:13	36:12	00:01	-2173		-1. -	2-TBA
2	23:45	23:46	23:45	-1	734763008.	-	PRISTANE
3	27:10	27:08	27:09	1	327670016.	-	PHYTANE
4	41:22	41:21	41:21	0	6951360.	#	C23 TRICYC TERPANE (T5:23/3)
5	42:57	42:56	42:56	0	5712050.	-	C24 TRICYC TERPANE (24/3)
6	46:02	46:01	46:00	-1	4714120.	-	C25 TRICYC TERPANE (25/3)
7	47:37	47:36	47:34	-2	13391900.	-	C24 TETRACYC TERP (\$:24/4)
8	48:18	48:17	48:16	-1	3603070.	-	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:29	48:27	-2	2560890.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:34	55:32	-2	15356100.	-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:26	56:25	-1	27225700.	S	C27 17A HOPANE (Tm:27Tm)
12	57:14	57:12	57:12	0	22465200.	-	25-TRISNORM/z177(25nor28ab)
13	58:36	58:34	58:34	0	23500400.	-	C28 BISNORHOPANE (X:28ab)
14	59:11	59:09	59:09	0	11784500.	-	25-NOR m/z177 (Y:25nor30ab)
15	59:11	59:09	59:08	-1	16063800.	D	25-NORHOPANE (Y:25nor30ab)
16	59:40	59:38	59:37	-1	58020400.	-	C29 HOPANE (D:29ab)
17	59:47	59:44	59:45	1	24920000.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:15	1:00:13	1:00:13	0	7169840.	-	C30 C30 DIAHOPANE (PI:30d)
19	1:00:41	1:00:39	1:00:39	0	20927200.	-	C29 NORMORETANE (A:29ba)
20	1:01:13	1:01:11	00:01	-3672		-1. -	C30 18A OLEANANE (B:300)
21	1:01:33	1:01:31	1:01:31	0	83991200.	#	C30 HOPANE (G:30ab)
22	1:01:51	1:01:49	1:01:50	1	13420900.	S	NOR-GAMMACERANE? (G2)
23	1:02:21	1:02:19	1:02:19	0	13609700.	-	C30 MORETANE (K:30ba)
24	1:03:44	1:03:42	1:03:42	0	24326200.	-	C31 22S HOPANE (N:31abS)
25	1:03:59	1:03:57	1:03:57	0	27369200.	-	C31 22R HOPANE (O:31abR)
26	1:03:44	1:03:42	1:03:42	0	8052280.	-	C31 22S M/Z205 (N205)
27	1:03:59	1:03:57	1:03:57	0	10716600.	P	C31 22R M/Z205 (O205)
28	1:03:59	1:03:57	1:03:57	0	27369200.	D	C30 GAMACERANE (S:30G)
29	1:04:22	1:04:20	1:04:21	1	7675340.	S	C30 17B 21B HOPANE (P)
30	1:05:27	1:05:25	1:05:26	1	12028400.	-	C32 22S HOPANE (U:32abS)
31	1:05:48	1:05:46	1:05:47	1	16530200.	-	C32 22R HOPANE (V:32abR)
32	1:07:27	1:07:25	1:07:26	1	6315220.	-	C33 22S HOPANE(Alpha:32abS)
33	1:07:56	1:07:54	1:07:54	0	15900300.	#	C33 22R HOPANE (Beta:32abR)
34	1:09:29	1:09:27	1:09:29	2	11441000.	-	C34 22S HOPANE(Gamma:34abS)
35	1:10:07	1:10:05	1:10:04	-1	3389340.	-	C34 22R HOPANE(Delta:34abR)
36	1:11:31	1:11:29	1:11:30	1	2448120.	-	C35 22S HOP (Epsilon:35abS)
37	1:12:13	1:12:11	1:12:13	2	3604500.	-	C35 22R HOPANE (Zeta:35abR)
38	38:42	38:41	38:41	0	9130920.	-	C21 STERANE
39	50:43	50:42	50:40	-2	23072200.	-	C27 20S DIASTER (10:27dbS)
40	51:36	51:34	51:32	-2	16695100.	-	C27 20R DIASTER (11:27dbR)
41	54:25	54:23	54:21	-2	15670800.	P	C27 20S AAA STER (20:27aaS)
42	54:43	54:41	54:41	0	23809800.	P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:39	54:39	0	8442260.	P	C27 20R ISOST218(21B:27bbR)
44	54:53	54:51	54:49	-2	3671930.	D	C27 20S ISOST218 (22:27bbS)
45	54:43	54:41	54:41	0	23809800.	P	C27 20R ISOSTER 217 (27bbR)
46	54:54	54:52	00:01	-3293		-1. D	C27 20S ISOSTER 217 (27bbS)
47	55:23	55:21	55:19	-2	11621100.	P	C27 20R AAA STER (25:27aaR)
48	55:45	55:43	55:42	-1	16991900.	P	C29 20S DIASTER (27:29dbR)
49	57:00	56:58	56:58	0	5884970.	P	C28 20R ISOST218(33A:28bbR)
50	57:13	57:11	57:11	0	3888380.	D	C28 20S ISOST218 (34:28bbS)
51	56:58	56:56	56:57	1	12306700.	P	C28 20R ISOSTER 217 (28bbR)
52	57:13	57:12	57:11	-1	5092600.	D	C28 20S ISOSTER 217 (28bbS)
53	57:49	57:47	57:48	1	14114800.	-	C28 20R AAA STER (36:28aaR)
54	58:35	58:33	58:32	-1	7981270.	S	C29 20S AAA STER (39:29aaS)
55	58:57	58:55	58:55	0	4221100.	P	C29 20R ISOST218 (40:29bbR)
56	59:06	59:04	59:04	0	4838680.	D	C29 20S ISOST218 (41:29bbS)
57	58:56	58:54	59:01	7	14673600.	P	C29 20R ISOSTER217 (29bbR)
58	59:05	59:10	00:01	-3551		-1. D	C29 20S ISOSTER217 (29bbS)
59	59:54	59:52	59:52	0	16404700.	-	C29 20R AAA STER (42:29aaR)
60	1:00:31	1:00:29	00:01	-3630		-1. P	C30 20R ISOSTER218 (30bbR)

61	1:00:38	00:06	00:01	-7	-1. D	C30 20S ISOSTER218 (30bbs)
62	1:01:36	1:01:34	1:01:34	0	2507660. -	C30 4-METHYL STERANE (46)
63	10:42	10:42	10:42	0	185586000. -	2-ME NAPHTHALENE
64	11:02	11:02	11:02	0	118532000. -	1-ME NAPHTHALENE
65	13:10	13:11	13:10	-1	6904070. -	2-ME BIPHENYL
66	15:27	15:28	15:26	-2	210843008. -	3-ME BIPHENYL
67	15:42	15:41	15:41	0	56194000. D	4-ME BIPHENYL
68	24:10	24:11	24:11	0	425690016. #	PHENANTHRENE
69	27:58	27:56	27:57	1	82448904. S	3-ME PHENANTHRENE
70	28:06	28:05	28:04	-1	111390000. D	2-ME PHENANTHRENE
71	28:40	28:38	28:38	0	164178000. S	9-ME PHENANTHRENE
72	28:49	28:47	28:47	0	104836000. D	1-ME PHENANTHRENE
73	26:37	26:35	26:35	0	10011400. #	4-ME DIBENZOTHIOPHENE
74	27:14	27:12	27:13	1	6706440. -	3+2-ME DIBENZOTHIOPHENE
75	27:52	27:50	27:50	0	4016010. -	1-ME DIBENZOTHIOPHENE
76	36:29	36:28	36:29	1	37930800. S	C21 MA STERANE (F22:A1)
77	38:51	38:50	38:51	1	24041400. S	C22 MA STERANE (F23:B1)
78	49:00	48:59	48:57	-2	4249730. S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:11	49:09	-2	26113600. S	C27 20S 10B DM MA-DIA (C1)
80	50:40	50:39	50:41	2	22985400. S	C27 20R 5B DM MA-ST(F3:D1)
81	50:48	50:49	50:48	-1	5026680. D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:13	51:11	-2	98804904. S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:46	51:45	-1	22208700. S	C27 20S 5A DM MA-DS(F5:F1)
84	52:42	52:40	52:38	-2	26161700. -	C27 20R 5A DM MA-ST(F6:G1)+
85	52:42	52:38	52:38	0	26161700. D	C28 20S 5A DM MA-ST(F7:G1)
86	52:51	52:49	52:52	3	97820800. S	C28 20R 5B DM MA-ST(F8:G1)
87	52:57	52:58	00:01	-3179	-1. D	C29 20S 5B DM MA-ST(F9:G1)
88	54:21	54:19	54:18	-1	6360400. S	C29 20S 5A DM MA-ST(F10:H1)
89	54:38	54:36	54:39	3	24406100. S	C28 20R 5A DM MA-ST(F11:H1)
90	54:44	54:45	54:46	1	22090000. D	C29 20R 5B DM MA-ST(F12:H1)
91	56:29	56:27	56:27	0	9048980. S	C29 20R 5A DM MA-ST(F13:I1)
92	43:58	43:57	44:01	4	14529100. S	C20 ME TA-STER(F14:a1)
93	46:28	46:27	46:25	-2	3979040. S	C21 ME TA-STER(F15:b1)
94	56:08	56:06	56:07	1	1910380. -	C26 20S ME TA-STER(F16:c1)
95	57:46	57:44	57:43	-1	7598560. -	C26 20R ME TA-STER(F17:d1)+
96	57:46	57:43	57:43	0	7598560. D	C27 20S ME TA-STER(F18:d1)
97	59:06	59:04	59:04	0	3037220. -	C28 20S ME TA-STER(F19:e1)
98	59:47	59:45	59:45	0	3810380. -	C27 20R ME TA-STER(F20:f1)
99	1:01:28	1:01:26	1:01:26	0	1982280. -	C28 20R ME TA-STER(F21:g1)
100	53:38	53:36	53:34	-2	1699280. -	9-DDPA

REF WIN= 15 RT WIN= 10 DBLE WIN= 3 DEAD VOL= 1 RES= 6000.

ANALYSIS=MPDMIO00784021.LIS RT CAL=NSACARO.TIM
 Sample#2 Text:6305/7-1 2948.45M \$9809SED006S032\$ File Text:6000RP GCMS Exp:GC

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	36:16	36:21	00:01	-2182		-1. -	2-TBA
2	23:47	23:48	23:52	4	1182130048.	-	PRISTANE
3	27:14	27:16	27:17	1	678825984.	-	PHYTANE
4	41:24	41:31	41:31	0	21932400.	#	C23 TRICYC TERPANE (T5:23/3)
5	42:59	43:06	43:06	0	17403800.	-	C24 TRICYC TERPANE (24/3)
6	46:03	46:10	46:11	1	12469200.	-	C25 TRICYC TERPANE (25/3)
7	47:37	47:44	47:45	1	51011000.	-	C24 TETRACYC TERP (\$:24/4)
8	48:19	48:26	48:26	0	9716770.	-	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:37	48:38	1	5026100.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:42	55:43	1	51738200.	-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:34	56:35	1	101783000.	S	C27 17A HOPANE (Tm:27Tm)
12	57:15	57:21	57:22	1	75962704.	-	25-TRISNORM/z177(25nor28ab)
13	58:39	58:45	58:44	-1	86108800.	-	C28 BISNORHOPANE (X:28ab)
14	59:22	59:28	59:19	-9	39765400.	-	25-NOR m/z177 (Y:25nor30ab)
15	59:24	59:21	59:19	-2	63933000.	D	25-NORHOPANE (Y:25nor30ab)
16	59:41	59:47	59:48	1	244016000.	-	C29 HOPANE (D:29ab)
17	59:49	59:56	59:55	-1	87630504.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:17	1:00:23	1:00:23	0	31999500.	-	C30 C30 DIAHOPANE (PI:30d)
19	1:00:44	1:00:50	1:00:50	0	82002504.	-	C29 NORMORETANE (A:29ba)
20	1:01:18	1:01:24	00:01	-3685		-1. -	C30 18A OLEANANE (B:300)
21	1:01:35	1:01:41	1:01:41	0	354466016.	#	C30 HOPANE (G:30ab)
22	1:01:48	1:01:54	1:02:00	6	49973700.	S	NOR-GAMMACERANE? (G2)
23	1:02:24	1:02:30	1:02:29	-1	64314600.	-	C30 MORETANE (K:30ba)
24	1:03:47	1:03:52	1:03:53	1	115226000.	-	C31 22S HOPANE (N:31abS)
25	1:04:02	1:04:07	1:04:07	0	118372000.	-	C31 22R HOPANE (O:31abR)
26	1:03:47	1:03:52	1:03:53	1	43343200.	-	C31 22S M/Z205 (N205)
27	1:04:02	1:04:07	1:04:07	0	49824500.	P	C31 22R M/Z205 (O205)
28	1:04:02	1:04:07	1:04:07	0	118372000.	D	C30 GAMACERANE (S:30G)
29	1:04:24	1:04:29	1:04:31	2	33265500.	S	C30 17B 21B HOPANE (P)
30	1:05:30	1:05:35	1:05:35	0	48735400.	-	C32 22S HOPANE (U:32abS)
31	1:05:52	1:05:57	1:05:56	-1	70593200.	-	C32 22R HOPANE (V:32abR)
32	1:07:30	1:07:34	1:07:35	1	27277300.	-	C33 22S HOPANE (Alpha:32abS)
33	1:07:59	1:08:03	1:08:03	0	28440400.	#	C33 22R HOPANE (Beta:32abR)
34	1:09:33	1:09:37	1:09:37	0	11585800.	-	C34 22S HOPANE (Gamma:34abS)
35	1:10:08	1:10:11	1:10:13	2	14297700.	-	C34 22R HOPANE (Delta:34abR)
36	1:11:33	1:11:36	1:11:36	0	5270370.	-	C35 22S HOP (Epsilon:35abS)
37	1:12:16	1:12:19	1:12:20	1	12649500.	-	C35 22R HOPANE (Zeta:35abR)
38	38:43	38:49	38:50	1	39287100.	-	C21 STERANE
39	50:43	50:50	50:50	0	115527000.	-	C27 20S DIASTER (10:27dbS)
40	51:36	51:42	51:44	2	73673104.	-	C27 20R DIASTER (11:27dbR)
41	54:27	54:33	54:32	-1	75383800.	P	C27 20S AAA STER (20:27aaS)
42	54:41	54:47	54:52	5	104347000.	P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:47	54:50	3	44590600.	P	C27 20R ISOST218(21B:27bbR)
44	54:53	55:02	55:00	-2	16010700.	D	C27 20S ISOST218 (22:27bbS)
45	54:53	54:59	54:52	-7	104347000.	P	C27 20R ISOSTER 217 (27bbR)
46	55:03	55:02	00:01	-3303		-1. D	C27 20S ISOSTER 217 (27bbS)
47	55:24	55:30	55:30	0	66803000.	P	C27 20R AAA STER (25:27aaR)
48	55:45	55:51	55:52	1	86993000.	P	C29 20S DIASTER (27:29dbR)
49	57:03	57:09	57:08	-1	35394500.	P	C28 20R ISOST218(33A:28bbR)
50	57:15	57:20	57:21	1	24470900.	D	C28 20S ISOST218 (34:28bbS)
51	57:02	57:08	57:07	-1	62397600.	P	C28 20R ISOSTER 217 (28bbR)
52	57:15	57:20	57:21	1	23677500.	D	C28 20S ISOSTER 217 (28bbS)
53	57:52	57:58	57:58	0	66037300.	-	C28 20R AAA STER (36:28aaR)
54	58:36	58:42	58:42	0	35851800.	S	C29 20S AAA STER (39:29aaS)
55	58:59	59:05	59:05	0	27949100.	P	C29 20R ISOST218 (40:29bbR)
56	59:09	59:15	59:15	0	32606100.	D	C29 20S ISOST218 (41:29bbS)
57	58:59	59:05	59:11	6	73746000.	P	C29 20R ISOSTER217 (29bbR)
58	59:09	59:21	00:01	-3562		-1. D	C29 20S ISOSTER217 (29bbS)
59	59:56	1:00:02	1:00:02	0	86454600.	-	C29 20R AAA STER (42:29aaR)
60	1:00:36	1:00:42	1:00:50	8	17380100.	P	C30 20R ISOSTER218 (30bbR)

61	00:06	00:01	00:01	0	-1.	D	C30 20S ISOSTER218 (30bbs)
62	1:01:38	1:01:44	1:01:44	0	8993040.	-	C30 4-METHYL STERANE (46)
63	10:46	10:46	10:47	1	53009900.	-	2-ME NAPHTHALENE
64	11:06	11:06	11:06	0	45200600.	-	1-ME NAPHTHALENE
65	13:14	13:15	13:15	0	4339350.	-	2-ME BIPHENYL
66	15:32	15:33	15:33	0	75567904.	-	3-ME BIPHENYL
67	15:46	15:47	15:47	0	18124100.	D	4-ME BIPHENYL
68	24:16	24:17	24:17	0	124193000.	#	PHENANTHRENE
69	28:03	28:05	28:05	0	44263700.	S	3-ME PHENANTHRENE
70	28:13	28:15	28:14	-1	46289400.	D	2-ME PHENANTHRENE
71	28:45	28:48	28:47	-1	88440800.	S	9-ME PHENANTHRENE
72	28:54	28:56	28:56	0	57266000.	D	1-ME PHENANTHRENE
73	26:42	26:44	26:44	0	12390700.	#	4-ME DIBENZOTHIOPHENE
74	27:19	27:21	27:21	0	6920600.	-	3+2-ME DIBENZOTHIOPHENE
75	27:58	28:00	28:00	0	6832940.	-	1-ME DIBENZOTHIOPHENE
76	36:31	36:36	36:37	1	141481008.	S	C21 MA STERANE (F22:A1)
77	38:53	38:59	39:00	1	105188000.	S	C22 MA STERANE (F23:B1)
78	49:01	49:08	49:08	0	26435200.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:19	49:19	0	156265008.	S	C27 20S 10B DM MA-DIA (C1)
80	50:44	50:51	50:51	0	139460000.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:52	50:59	50:59	0	23274100.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:21	51:21	0	639820032.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:54	51:55	1	157998000.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:43	52:49	52:50	1	174905008.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:43	52:50	52:50	0	174905008.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:57	53:03	53:03	0	619526016.	S	C28 20R 5B DM MA-ST(F8:G1)
87	53:02	53:08	00:01	-3189	-1.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:22	54:28	54:29	1	44815100.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:51	54:57	54:55	-2	310543008.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:57	55:01	00:01	-3302	-1.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:32	56:38	56:38	0	60167600.	S	C29 20R 5A DM MA-ST(F13:I1)
92	44:00	44:07	44:05	-2	4021050.	S	C20 ME TA-STER(F14:a1)
93	46:31	46:38	46:35	-3	6502540.	S	C21 ME TA-STER(F15:b1)
94	56:11	56:17	56:17	0	6842650.	-	C26 20S ME TA-STER(F16:c1)
95	57:49	57:55	57:53	-2	26575000.	-	C26 20R ME TA-STER(F17:d1)+
96	57:49	57:53	57:53	0	26575000.	D	C27 20S ME TA-STER(F18:d1)
97	59:10	59:16	59:15	-1	12166800.	-	C28 20S ME TA-STER(F19:e1)
98	59:51	59:57	59:55	-2	14158700.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:32	1:01:38	1:01:35	-3	8562280.	-	C28 20R ME TA-STER(F21:g1)
100	53:40	53:46	00:01	-3227	-1.	-	9-DDPA

REF WIN= 15 RT WIN= 10 DBLE WIN= 3 DEAD VOL= 1 RES= 6000.

ANALYSIS=MPDMIO00784031.LIS

RT CAL=NSACARO.TIM

Sample#3 Text:6305/7-1 2949.6M \$9809SED006S033\$ File Text:6000RP GCMS Exp:GCM

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	36:13	36:21	00:01	-2182		-1. -	2-TBA
2	23:45	23:51	23:52	1	2369560064.	-	PRISTANE
3	27:10	27:16	27:17	1	1234920064.	-	PHYTANE
4	41:22	41:31	41:31	0	34377300.	#	C23 TRICYC TERPANE(T5:23/3)
5	42:57	43:06	43:06	0	20359000.	-	C24 TRICYC TERPANE (24/3)
6	46:02	46:11	46:11	0	19659000.	-	C25 TRICYC TERPANE (25/3)
7	47:37	47:46	47:45	-1	77503800.	-	C24 TETRACYC TERP (\$:24/4)
8	48:18	48:27	48:26	-1	11704600.	-	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:39	48:38	-1	9454550.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:44	55:43	-1	76596000.	-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:36	56:37	1	160791008.	S	C27 17A HOPANE (Tm:27Tm)
12	57:14	57:22	57:23	1	101724000.	-	25-TRISNORM/z177(25nor28ab)
13	58:36	58:44	58:45	1	124806000.	-	C28 BISNORHOPANE (X:28ab)
14	59:11	59:19	59:20	1	53666200.	-	25-NOR m/z177 (Y:25nor30ab)
15	59:11	59:20	59:20	0	101337000.	D	25-NORHOPANE (Y:25nor30ab)
16	59:40	59:48	59:49	1	355800000.	-	C29 HOPANE (D:29ab)
17	59:47	59:56	59:56	0	135669008.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:15	1:00:23	1:00:24	1	52802900.	-	C30 C30 DIAHOPANE (PI:30d)
19	1:00:41	1:00:49	1:00:50	1	140667008.	-	C29 NORMORETANE (A:29ba)
20	1:01:23	1:01:31	1:01:41	10	481872000.	-	C30 18A OLEANANE (B:300)
21	1:01:33	1:01:41	1:01:41	0	481872000.	#	C30 HOPANE (G:30ab)
22	1:01:51	1:01:59	1:02:00	1	73600400.	S	NOR-GAMMACERANE? (G2)
23	1:02:21	1:02:29	1:02:30	1	85039904.	-	C30 MORETANE (K:30ba)
24	1:03:44	1:03:52	1:03:53	1	146754000.	-	C31 22S HOPANE (N:31abS)
25	1:03:59	1:04:07	1:04:08	1	152150000.	-	C31 22R HOPANE (O:31abR)
26	1:03:44	1:03:52	1:03:52	0	56627700.	-	C31 22S M/Z205 (N205)
27	1:03:59	1:04:07	1:04:07	0	64016800.	P	C31 22R M/Z205 (O205)
28	1:03:59	1:04:07	1:04:08	1	152150000.	D	C30 GAMACERANE (S:30G)
29	1:04:22	1:04:30	1:04:31	1	43664000.	S	C30 17B 21B HOPANE (P)
30	1:05:27	1:05:34	1:05:35	1	63929000.	-	C32 22S HOPANE (U:32abS)
31	1:05:48	1:05:55	1:05:56	1	88883904.	-	C32 22R HOPANE (V:32abR)
32	1:07:27	1:07:34	1:07:34	0	34020900.	-	C33 22S HOPANE(Alpha:32abS)
33	1:07:56	1:08:03	1:08:03	0	33695500.	#	C33 22R HOPANE (Beta:32abR)
34	1:09:29	1:09:36	1:09:36	0	17510900.	-	C34 22S HOPANE(Gamma:34abS)
35	1:10:07	1:10:14	1:10:12	-2	20706200.	-	C34 22R HOPANE(Delta:34abR)
36	1:11:31	1:11:37	1:11:37	0	12319700.	-	C35 22S HOP (Epsilon:35abS)
37	1:12:13	1:12:19	1:12:20	1	18127400.	-	C35 22R HOPANE (Zeta:35abR)
38	38:42	38:50	38:51	1	65939300.	-	C21 STERANE
39	50:43	50:52	50:50	-2	161959008.	-	C27 20S DIASTER (10:27dbS)
40	51:36	51:44	51:44	0	113618000.	-	C27 20R DIASTER (11:27dbR)
41	54:25	54:33	54:32	-1	107583000.	P	C27 20S AAA STER (20:27aaS)
42	54:43	54:51	54:52	1	127716000.	P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:49	54:51	2	61663600.	P	C27 20R ISOST218(21B:27bbR)
44	54:53	55:03	55:00	-3	21425800.	D	C27 20S ISOST218 (22:27bbS)
45	54:43	54:51	54:52	1	127716000.	P	C27 20R ISOSTER 217 (27bbR)
46	54:54	55:03	00:01	-3304		-1. D	C27 20S ISOSTER 217 (27bbS)
47	55:23	55:31	55:31	0	70878800.	P	C27 20R AAA STER (25:27aaR)
48	55:45	55:53	55:54	1	122120000.	P	C29 20S DIASTER (27:29dbR)
49	57:00	57:08	57:08	0	50780900.	P	C28 20R ISOST218(33A:28bbR)
50	57:13	57:21	57:22	1	32348100.	D	C28 20S ISOST218 (34:28bbS)
51	56:58	57:06	57:07	1	81838304.	P	C28 20R ISOSTER 217 (28bbR)
52	57:13	57:22	57:22	0	22054700.	D	C28 20S ISOSTER 217 (28bbS)
53	57:49	57:57	57:59	2	80250104.	-	C28 20R AAA STER (36:28aaR)
54	58:35	58:43	58:42	-1	35589400.	S	C29 20S AAA STER (39:29aaS)
55	58:57	59:05	59:06	1	36507100.	P	C29 20R ISOST218 (40:29bbR)
56	59:06	59:15	59:15	0	43618500.	D	C29 20S ISOST218 (41:29bbS)
57	58:56	59:04	59:11	7	87479800.	P	C29 20R ISOSTER217 (29bbR)
58	59:05	59:20	00:01	-3561		-1. D	C29 20S ISOSTER217 (29bbS)
59	59:54	1:00:02	1:00:03	1	98372504.	-	C29 20R AAA STER (42:29aaR)
60	1:00:31	1:00:39	00:01	-3640		-1. P	C30 20R ISOSTER218 (30bbR)

61	1:00:38	00:06	00:01	-7	-1.	D	C30 20S ISOSTER218 (30bbs)
62	1:01:36	1:01:44	1:01:44	0	12489900.	-	C30 4-METHYL STERANE (46)
63	10:42	10:45	10:45	0	81315304.	-	2-ME NAPHTHALENE
64	11:02	11:05	11:05	0	82081800.	-	1-ME NAPHTHALENE
65	13:10	13:13	13:14	1	11117400.	-	2-ME BIPHENYL
66	15:27	15:31	15:31	0	202721008.	-	3-ME BIPHENYL
67	15:42	15:46	15:45	-1	46844800.	D	4-ME BIPHENYL
68	24:10	24:16	24:16	0	296514016.	#	PHENANTHRENE
69	27:58	28:04	28:04	0	96016600.	S	3-ME PHENANTHRENE
70	28:06	28:12	28:13	1	105778000.	D	2-ME PHENANTHRENE
71	28:40	28:46	28:46	0	179929008.	S	9-ME PHENANTHRENE
72	28:49	28:55	28:55	0	119728000.	D	1-ME PHENANTHRENE
73	26:37	26:43	26:43	0	13063900.	#	4-ME DIBENZOTHIOPHENE
74	27:14	27:20	27:21	1	8754530.	-	3+2-ME DIBENZOTHIOPHENE
75	27:52	27:58	27:59	1	6785850.	-	1-ME DIBENZOTHIOPHENE
76	36:29	36:37	36:37	0	249853008.	S	C21 MA STERANE (F22:A1)
77	38:51	38:59	38:59	0	175606000.	S	C22 MA STERANE (F23:B1)
78	49:00	49:09	49:08	-1	41189700.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:21	49:20	-1	251463008.	S	C27 20S 10B DM MA-DIA (C1)
80	50:40	50:49	50:51	2	215167008.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:48	50:59	51:00	1	34965000.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:23	51:22	-1	985976000.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:56	51:55	-1	219520000.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:42	52:50	52:50	0	262975008.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:42	52:50	52:50	0	262975008.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:51	52:59	53:03	4	979987008.	S	C28 20R 5B DM MA-ST(F8:G1)
87	52:57	53:09	00:01	-3190	-1.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:21	54:29	54:29	0	61815900.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:38	54:46	54:56	10	480152000.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:44	55:02	00:01	-3303	-1.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:29	56:37	56:38	1	101699000.	S	C29 20R 5A DM MA-ST(F13:I1)
92	43:58	44:07	44:06	-1	7429300.	S	C20 ME TA-STER(F14:a1)
93	46:28	46:37	46:36	-1	10504400.	S	C21 ME TA-STER(F15:b1)
94	56:08	56:16	56:17	1	10476700.	-	C26 20S ME TA-STER(F16:c1)
95	57:46	57:54	57:55	1	40011500.	-	C26 20R ME TA-STER(F17:d1)+
96	57:46	57:55	57:55	0	40011500.	D	C27 20S ME TA-STER(F18:d1)
97	59:06	59:14	59:15	1	17835700.	-	C28 20S ME TA-STER(F19:e1)
98	59:47	59:55	59:56	1	18885600.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:28	1:01:36	1:01:36	0	9969710.	-	C28 20R ME TA-STER(F21:g1)
100	53:38	53:46	53:55	9	90171130.	-	9-DDPA

REF WIN= 15 RT WIN= 10 DBLE WIN= 3 DEAD VOL= 1 RES= 6000.

ANALYSIS=MPDMIO00810041.LIS RT CAL=NSACARO.TIM
 Sample#4 Text:6305/7-1 3024.5m \$9812SED011S007\$ File Text:6000RP GCMS Exp:GCM

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	36:16	36:18	00:01	-2179		-1. -	2-TBA
2	23:27	23:39	23:43	4	6565220.	-	PRISTANE
3	26:54	27:03	27:08	5	11842500.	-	PHYTANE
4	41:24	41:23	41:23	0	2395900.	#	C23 TRICYC TERPANE(T5:23/3)
5	42:59	42:58	43:00	2	1040320.	-	C24 TRICYC TERPANE (24/3)
6	46:03	46:01	46:02	1	983197.	-	C25 TRICYC TERPANE (25/3)
7	47:37	47:35	47:26	-9	17757200.	-	C24 TETRACYC TERP (\$:24/4)
8	48:19	48:17	48:16	-1	423302.	-	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:28	48:27	-1	345267.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:33	55:32	-1	2251250.	-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:25	56:24	-1	3727060.	S	C27 17A HOPANE (Tm:27Tm)
12	57:15	57:12	57:13	1	2856870.	-	25-TRISNORM/z177(25nor28ab)
13	58:39	58:35	58:34	-1	1551040.	-	C28 BISNORHOPANE (X:28ab)
14	59:22	59:18	59:08	-10	1174940.	-	25-NOR m/z177 (Y:25nor30ab)
15	59:24	59:10	59:08	-2	1081010.	D	25-NORHOPANE (Y:25nor30ab)
16	59:41	59:37	59:37	0	8293800.	-	C29 HOPANE (D:29ab)
17	59:49	59:45	59:44	-1	2333640.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:17	1:00:13	00:01	-3614		-1. -	C30 C30 DIAHOPANE (PI:30d)
19	1:00:44	1:00:40	1:00:39	-1	1352000.	-	C29 NORMORETANE (A:29ba)
20	1:01:18	1:01:14	00:01	-3675		-1. -	C30 18A OLEANANE (B:300)
21	1:01:35	1:01:31	1:01:31	0	10589800.	#	C30 HOPANE (G:30ab)
22	1:01:48	1:01:44	00:01	-3705		-1. S	NOR-GAMMACERANE? (G2)
23	1:02:24	1:02:20	1:02:19	-1	1253130.	-	C30 MORETANE (K:30ba)
24	1:03:47	1:03:43	1:03:42	-1	4312810.	-	C31 22S HOPANE (N:31abS)
25	1:04:02	1:03:58	1:03:57	-1	4617980.	-	C31 22R HOPANE (O:31abR)
26	1:03:47	1:03:43	1:03:42	-1	1475340.	-	C31 22S M/Z205 (N205)
27	1:04:02	1:03:58	1:03:56	-2	2239590.	P	C31 22R M/Z205 (O205)
28	1:04:02	1:03:56	1:03:57	1	4617980.	D	C30 GAMACERANE (S:30G)
29	1:04:24	1:04:20	00:01	-3861		-1. S	C30 17B 21B HOPANE (P)
30	1:05:30	1:05:25	1:05:26	1	2447740.	-	C32 22S HOPANE (U:32abS)
31	1:05:52	1:05:47	1:05:47	0	1748490.	-	C32 22R HOPANE (V:32abR)
32	1:07:30	1:07:25	1:07:25	0	1351110.	-	C33 22S HOPANE(Alpha:32abS)
33	1:08:08	1:08:03	1:07:55	-8	924465.	-	C33 22R HOPANE (Beta:32abR)
34	1:09:33	1:09:28	1:09:29	1	662521.	-	C34 22S HOPANE(Gamma:34abS)
35	1:10:08	1:10:03	1:10:05	2	633830.	-	C34 22R HOPANE(Delta:34abR)
36	1:11:33	1:11:28	1:11:30	2	759637.	-	C35 22S HOP (Epsilon:35abS)
37	1:12:16	1:12:10	1:12:13	3	476719.	-	C35 22R HOPANE (Zeta:35abR)
38	38:43	38:44	38:52	8	1424580.	-	C21 STERANE
39	50:43	50:41	50:39	-2	1507890.	-	C27 20S DIASTER (10:27dbS)
40	51:36	51:33	51:37	4	3827490.	-	C27 20R DIASTER (11:27dbR)
41	54:27	54:24	54:23	-1	1566480.	P	C27 20S AAA STER (20:27aaS)
42	54:41	54:38	54:38	0	2525700.	P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:38	54:37	-1	1907960.	P	C27 20R ISOST218(21B:27bbR)
44	54:53	54:49	54:49	0	1426190.	D	C27 20S ISOST218 (22:27bbS)
45	54:43	54:40	54:38	-2	2525700.	P	C27 20R ISOSTER 217 (27bbR)
46	54:53	54:48	54:49	1	1112540.	D	C27 20S ISOSTER 217 (27bbS)
47	55:24	55:21	55:19	-2	1069050.	P	C27 20R AAA STER (25:27aaR)
48	55:45	55:42	55:42	0	1452910.	P	C29 20S DIASTER (27:29dbR)
49	57:03	57:00	56:58	-2	1161440.	P	C28 20R ISOST218(33A:28bbR)
50	57:15	57:10	57:10	0	1132130.	D	C28 20S ISOST218 (34:28bbS)
51	57:02	56:59	56:58	-1	1517540.	P	C28 20R ISOSTER 217 (28bbR)
52	57:15	57:11	57:10	-1	1097560.	D	C28 20S ISOSTER 217 (28bbS)
53	57:52	57:49	57:46	-3	632684.	-	C28 20R AAA STER (36:28aaR)
54	58:36	58:32	58:32	0	1146710.	S	C29 20S AAA STER (39:29aaS)
55	58:59	58:55	58:55	0	1236220.	P	C29 20R ISOST218 (40:29bbR)
56	59:09	59:05	59:04	-1	1370760.	D	C29 20S ISOST218 (41:29bbS)
57	58:59	58:55	58:55	0	1153140.	P	C29 20R ISOSTER217 (29bbR)
58	59:09	59:05	59:04	-1	1324870.	D	C29 20S ISOSTER217 (29bbS)
59	59:56	59:52	59:51	-1	1079740.	-	C29 20R AAA STER (42:29aaR)
60	1:00:36	1:00:32	00:01	-3633		-1. P	C30 20R ISOSTER218 (30bbR)

61	1:00:40	00:03	00:01	-4	-1.	D	C30 20S ISOSTER218 (30bbs)
62	1:01:38	1:01:34	1:01:34	0	254922.	-	C30 4-METHYL STERANE (46)
63	10:46	10:51	10:47	-4	80989104.	-	2-ME NAPHTHALENE
64	11:06	11:11	11:06	-5	68490904.	-	1-ME NAPHTHALENE
65	13:14	13:21	13:14	-7	695668.	-	2-ME BIPHENYL
66	15:32	15:40	15:36	-4	3768810.	-	3-ME BIPHENYL
67	15:46	15:50	15:51	1	1627130.	D	4-ME BIPHENYL
68	24:16	24:28	24:28	0	17394700.	#	PHENANTHRENE
69	28:03	28:11	28:14	3	1923400.	S	3-ME PHENANTHRENE
70	28:13	28:24	28:25	1	3554870.	D	2-ME PHENANTHRENE
71	28:45	28:53	28:53	0	4069950.	S	9-ME PHENANTHRENE
72	28:54	29:02	29:02	0	4503350.	D	1-ME PHENANTHRENE
73	26:42	26:51	26:51	0	287383.	#	4-ME DIBENZOTHIOPHENE
74	27:19	27:28	00:01	-1649	-1.	-	3+2-ME DIBENZOTHIOPHENE
75	27:58	28:06	28:10	4	129916.	-	1-ME DIBENZOTHIOPHENE
76	36:31	36:33	00:01	-2194	-1.	S	C21 MA STERANE (F22:A1)
77	38:53	38:54	38:57	3	557512.	S	C22 MA STERANE (F23:B1)
78	49:01	48:59	48:59	0	230459.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:10	49:11	1	546566.	S	C27 20S 10B DM MA-DIA (C1)
80	50:44	50:42	50:41	-1	747612.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:52	50:49	50:49	0	318321.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:12	51:10	-2	1927470.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:45	51:45	0	396253.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:33	52:30	52:38	8	1136800.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:33	52:38	52:38	0	1136800.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:57	52:54	52:52	-2	2909760.	S	C28 20R 5B DM MA-ST(F8:G1)
87	53:02	52:57	52:57	0	1145800.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:22	54:19	54:18	-1	380975.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:37	54:34	54:38	4	164388.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:43	54:44	54:46	2	967581.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:32	56:29	56:27	-2	456366.	S	C29 20R 5A DM MA-ST(F13:I1)
92	44:00	43:59	00:01	-2640	-1.	S	C20 ME TA-STER(F14:a1)
93	46:31	46:29	46:33	4	103751.	S	C21 ME TA-STER(F15:b1)
94	56:11	56:08	56:06	-2	93638.	-	C26 20S ME TA-STER(F16:c1)
95	57:49	57:46	57:46	0	483373.	-	C26 20R ME TA-STER(F17:d1)+
96	57:49	57:46	57:46	0	483373.	D	C27 20S ME TA-STER(F18:d1)
97	59:10	59:06	59:07	1	252890.	-	C28 20S ME TA-STER(F19:e1)
98	59:51	59:47	59:47	0	406539.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:32	1:01:28	1:01:30	2	153275.	-	C28 20R ME TA-STER(F21:g1)
100	53:40	53:37	00:01	-3218	-1.	-	9-DDPA

REF WIN= 15 RT WIN= 10 DBLE WIN= 3 DEAD VOL= 1 RES= 6000.

ANALYSIS=MPDMIO00810051.LIS

RT CAL=NSACARO.TIM

Sample#5 Text:6305/7-1 3041m \$9812SED011S009\$ File Text:6000RP GCMS Exp:GCMS_

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	36:16	36:12	00:01	-2173		-1. -	2-TBA
2	23:47	23:45	23:43	-2	110134000.	-	PRISTANE
3	27:14	27:12	27:08	-4	51102900.	-	PHYTANE
4	41:24	41:19	41:19	0	11646200.	#	C23 TRICYC TERPANE (T5:23/3)
5	42:59	42:54	42:56	2	3994520.	-	C24 TRICYC TERPANE (24/3)
6	46:03	45:58	46:00	2	9264500.	-	C25 TRICYC TERPANE (25/3)
7	47:37	47:32	47:34	2	36818300.	-	C24 TETRACYC TERP (\$:24/4)
8	48:19	48:14	00:01	-2895		-1. -	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:25	00:01	-2906		-1. -	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:32	55:32	0	63007600.	-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:24	56:24	0	73602200.	S	C27 17A HOPANE (Tm:27Tm)
12	57:15	57:11	57:10	-1	18945100.	-	25-TRISNORM/z177 (25nor28ab)
13	58:39	58:35	00:01	-3516		-1. -	C28 BISNORHOPANE (X:28ab)
14	59:22	59:18	59:14	-4	13559700.	-	25-NOR m/z177 (Y:25nor30ab)
15	59:24	59:16	59:14	-2	27302600.	D	25-NORHOPANE (Y:25nor30ab)
16	59:41	59:37	59:37	0	297916000.	-	C29 HOPANE (D:29ab)
17	59:49	59:45	59:44	-1	162216000.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:17	1:00:13	00:01	-3614		-1. -	C30 C30 DIAHOPANE (PI:30d)
19	1:00:44	1:00:40	1:00:39	-1	168413008.	-	C29 NORMORETANE (A:29ba)
20	1:01:18	1:01:14	00:01	-3675		-1. -	C30 18A OLEANANE (B:300)
21	1:01:35	1:01:31	1:01:31	0	587766976.	#	C30 HOPANE (G:30ab)
22	1:01:48	1:01:44	1:01:49	5	102513000.	S	NOR-GAMMACERANE? (G2)
23	1:02:24	1:02:20	1:02:19	-1	85827704.	-	C30 MORETANE (K:30ba)
24	1:03:47	1:03:43	1:03:42	-1	136914000.	-	C31 22S HOPANE (N:31abS)
25	1:04:02	1:03:58	1:03:57	-1	260036000.	-	C31 22R HOPANE (O:31abR)
26	1:03:47	1:03:43	1:03:42	-1	53526200.	-	C31 22S M/Z205 (N205)
27	1:04:02	1:03:58	1:03:57	-1	103077000.	P	C31 22R M/Z205 (O205)
28	1:04:02	1:03:57	1:03:57	0	260036000.	D	C30 GAMACERANE (S:30G)
29	1:04:24	1:04:20	1:04:22	2	50141500.	S	C30 17B 21B HOPANE (P)
30	1:05:30	1:05:26	1:05:26	0	43168200.	-	C32 22S HOPANE (U:32abS)
31	1:05:52	1:05:48	1:05:47	-1	87905504.	-	C32 22R HOPANE (V:32abR)
32	1:07:30	1:07:26	1:07:25	-1	33129700.	-	C33 22S HOPANE (Alpha:32abS)
33	1:08:08	1:08:04	1:07:55	-9	38802200.	-	C33 22R HOPANE (Beta:32abR)
34	1:09:33	1:09:29	1:09:28	-1	11879500.	-	C34 22S HOPANE (Gamma:34abS)
35	1:10:08	1:10:04	1:10:04	0	12887100.	-	C34 22R HOPANE (Delta:34abR)
36	1:11:33	1:11:29	1:11:29	0	4639060.	-	C35 22S HOP (Epsilon:35abS)
37	1:12:16	1:12:13	1:12:12	-1	3769260.	-	C35 22R HOPANE (Zeta:35abR)
38	38:43	38:39	38:43	4	11592000.	-	C21 STERANE
39	50:43	50:38	50:39	1	17783400.	-	C27 20S DIASTER (10:27dbS)
40	51:36	51:32	51:32	0	16190700.	-	C27 20R DIASTER (11:27dbR)
41	54:27	54:23	54:25	2	32389700.	P	C27 20S AAA STER (20:27aaS)
42	54:41	54:37	54:39	2	28372900.	P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:37	54:37	0	17068400.	P	C27 20R ISOST218 (21B:27bbR)
44	54:53	54:49	54:49	0	11249100.	D	C27 20S ISOST218 (22:27bbS)
45	54:43	54:39	54:39	0	28372900.	P	C27 20R ISOSTER 217 (27bbR)
46	54:53	54:49	54:49	0	11009000.	D	C27 20S ISOSTER 217 (27bbS)
47	55:24	55:20	55:19	-1	44033400.	P	C27 20R AAA STER (25:27aaR)
48	55:45	55:41	55:41	0	24655000.	P	C29 20S DIASTER (27:29dbR)
49	57:03	56:59	56:58	-1	16675100.	P	C28 20R ISOST218 (33A:28bbR)
50	57:15	57:10	57:10	0	11687500.	D	C28 20S ISOST218 (34:28bbS)
51	57:02	56:58	56:56	-2	30143000.	P	C28 20R ISOSTER 217 (28bbR)
52	57:15	57:09	57:10	1	14258900.	D	C28 20S ISOSTER 217 (28bbS)
53	57:52	57:48	57:48	0	51036800.	-	C28 20R AAA STER (36:28aaR)
54	58:36	58:32	58:32	0	16232400.	S	C29 20S AAA STER (39:29aaS)
55	58:59	58:55	58:55	0	13700400.	P	C29 20R ISOST218 (40:29bbR)
56	59:09	59:05	59:04	-1	17177500.	D	C29 20S ISOST218 (41:29bbS)
57	58:59	58:55	59:02	7	42791400.	P	C29 20R ISOSTER217 (29bbR)
58	59:09	59:12	00:01	-3553		-1. D	C29 20S ISOSTER217 (29bbS)
59	59:56	59:52	59:51	-1	55437500.	-	C29 20R AAA STER (42:29aaR)
60	1:00:36	1:00:32	1:00:39	7	8491750.	P	C30 20R ISOSTER218 (30bbR)

61	1:00:40	1:00:43	00:01	-3644	-1.	D	C30 20S ISOSTER218 (30bbs)
62	1:01:38	1:01:34	1:01:33	-1	11986600.	-	C30 4-METHYL STERANE (46)
63	10:46	10:45	10:44	-1	1932729984.	-	2-ME NAPHTHALENE
64	11:06	11:05	11:04	-1	1379420032.	-	1-ME NAPHTHALENE
65	13:14	13:13	13:12	-1	10377600.	-	2-ME BIPHENYL
66	15:32	15:31	15:29	-2	93093400.	-	3-ME BIPHENYL
67	15:46	15:43	15:44	1	19722300.	D	4-ME BIPHENYL
68	24:16	24:14	24:14	0	969990976.	#	PHENANTHRENE
69	28:03	28:01	28:00	-1	129806000.	S	3-ME PHENANTHRENE
70	28:13	28:10	28:09	-1	167243008.	D	2-ME PHENANTHRENE
71	28:45	28:43	28:41	-2	324056992.	S	9-ME PHENANTHRENE
72	28:54	28:50	28:51	1	219293008.	D	1-ME PHENANTHRENE
73	26:42	26:40	26:40	0	16181900.	#	4-ME DIBENZOTHIOPHENE
74	27:19	27:17	27:17	0	10844400.	-	3+2-ME DIBENZOTHIOPHENE
75	27:58	27:56	27:54	-2	10842400.	-	1-ME DIBENZOTHIOPHENE
76	36:31	36:27	36:30	3	17442300.	S	C21 MA STERANE (F22:A1)
77	38:53	38:49	38:52	3	18137400.	S	C22 MA STERANE (F23:B1)
78	49:01	48:56	48:57	1	11317600.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:07	49:09	2	9106480.	S	C27 20S 10B DM MA-DIA (C1)
80	50:44	50:39	50:41	2	21345000.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:52	50:49	50:48	-1	15770000.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:09	51:05	-4	67351704.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:44	51:41	-3	8888550.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:43	52:39	52:38	-1	85675800.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:43	52:38	52:38	0	85675800.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:57	52:53	52:52	-1	81323904.	S	C28 20R 5B DM MA-ST(F8:G1)
87	53:02	52:57	00:01	-3178	-1.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:22	54:18	54:17	-1	20981500.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:51	54:47	54:39	-8	85180200.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:57	54:45	00:01	-3286	-1.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:32	56:28	56:27	-1	20245800.	S	C29 20R 5A DM MA-ST(F13:I1)
92	44:00	43:55	44:04	9	28336000.	S	C20 ME TA-STER(F14:a1)
93	46:31	46:26	46:26	0	6580910.	S	C21 ME TA-STER(F15:b1)
94	56:11	56:07	56:06	-1	2514280.	-	C26 20S ME TA-STER(F16:c1)
95	57:49	57:45	57:44	-1	11298100.	-	C26 20R ME TA-STER(F17:d1)+
96	57:49	57:44	57:44	0	11298100.	D	C27 20S ME TA-STER(F18:d1)
97	59:10	59:06	59:06	0	4178530.	-	C28 20S ME TA-STER(F19:e1)
98	59:51	59:47	59:46	-1	6078380.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:32	1:01:28	1:01:26	-2	3624270.	-	C28 20R ME TA-STER(F21:g1)
100	53:40	53:36	53:34	-2	3186580.	-	9-DDPA

REF WIN= 15 RT WIN= 10 DBLE WIN= 3 DEAD VOL= 1 RES= 6000.