

ANALYSIS=MPDMIO00806051.LIS

RT CAL=NSACARO.TIM

Sample#5 Text:6305/7-1 DST1 G3415 \$9809OIL010S001\$ File Text:6000RP 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	23:52	23:49	23:47	-2	818342016.	-	PRISTANE
3	27:19	27:16	27:11	-5	262638000.	-	PHYTANE
4	41:24	41:19	41:19	0	123073000.	#	C23 TRICYC TERPANE (T5:23/3)
5	42:59	42:54	42:54	0	5210480.	-	C24 TRICYC TERPANE (24/3)
6	46:03	45:57	45:58	1	4844980.	-	C25 TRICYC TERPANE (25/3)
7	47:37	47:31	47:31	0	9994320.	-	C24 TETRACYC TERP (\$:24/4)
8	48:19	48:13	48:13	0	1110740.	-	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:24	48:24	0	1416850.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:29	55:29	0	4004200.	-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:21	56:21	0	6330970.	S	C27 17A HOPANE (Tm:27Tm)
12	57:15	57:08	57:08	0	3584360.	-	25-TRISNORM/z177 (25nor28ab)
13	58:39	58:31	58:29	-2	5095860.	-	C28 BISNORHOPANE (X:28ab)
14	59:22	59:14	59:05	-9	1163810.	-	25-NOR m/z177 (Y:25nor30ab)
15	59:24	59:07	59:04	-3	1960710.	D	25-NORHOPANE (Y:25nor30ab)
16	59:41	59:33	59:34	1	7612150.	-	C29 HOPANE (D:29ab)
17	59:49	59:42	59:41	-1	3231050.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:17	1:00:09	00:01	-3610		-1. -	C30 C30 DIAHOPANE (PI:30d)
19	1:00:44	1:00:36	1:00:36	0	2604410.	-	C29 NORMORETANE (A:29ba)
20	1:01:18	1:01:10	00:01	-3671		-1. -	C30 18A OLEANANE (B:300)
21	1:01:35	1:01:27	1:01:27	0	10715900.	#	C30 HOPANE (G:30ab)
22	1:01:48	1:01:40	00:01	-3701		-1. S	NOR-GAMMACERANE? (G2)
23	1:02:24	1:02:16	1:02:16	0	1388660.	-	C30 MORETANE (K:30ba)
24	1:03:47	1:03:39	1:03:39	0	2023780.	-	C31 22S HOPANE (N:31abS)
25	1:04:02	1:03:54	1:03:54	0	2347920.	-	C31 22R HOPANE (O:31abR)
26	1:03:47	1:03:39	1:03:39	0	716834.	-	C31 22S M/Z205 (N205)
27	1:04:02	1:03:54	1:03:54	0	868352.	P	C31 22R M/Z205 (O205)
28	1:04:02	1:03:54	1:03:54	0	2347920.	D	C30 GAMACERANE (S:30G)
29	1:04:24	1:04:16	00:01	-3857		-1. S	C30 17B 21B HOPANE (P)
30	1:05:30	1:05:21	1:05:23	2	777575.	-	C32 22S HOPANE (U:32abS)
31	1:05:52	1:05:43	1:05:44	1	1163070.	-	C32 22R HOPANE (V:32abR)
32	1:07:30	1:07:21	1:07:22	1	144273.	-	C33 22S HOPANE (Alpha:32abS)
33	1:08:08	1:07:59	1:07:51	-8	313802.	-	C33 22R HOPANE (Beta:32abR)
34	1:09:33	1:09:24	00:01	-4165		-1. -	C34 22S HOPANE (Gamma:34abS)
35	1:10:08	1:09:59	00:01	-4200		-1. -	C34 22R HOPANE (Delta:34abR)
36	1:11:33	1:11:24	00:01	-4285		-1. -	C35 22S HOP (Epsilon:35abS)
37	1:12:16	1:12:06	00:01	-4327		-1. -	C35 22R HOPANE (Zeta:35abR)
38	38:43	38:38	38:40	2	31491000.	-	C21 STERANE
39	50:43	50:37	50:36	-1	15270400.	-	C27 20S DIASTER (10:27dbS)
40	51:36	51:29	51:30	1	9703210.	-	C27 20R DIASTER (11:27dbR)
41	54:27	54:20	54:18	-2	6399280.	P	C27 20S AAA STER (20:27aaS)
42	54:41	54:34	54:37	3	7304140.	P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:34	54:37	3	3059830.	P	C27 20R ISOST218 (21B:27bbR)
44	54:53	54:49	54:46	-3	847774.	D	C27 20S ISOST218 (22:27bbS)
45	54:43	54:36	54:37	1	7304140.	P	C27 20R ISOSTER 217 (27bbR)
46	54:53	54:47	00:01	-3288		-1. D	C27 20S ISOSTER 217 (27bbS)
47	55:24	55:17	55:16	-1	3979910.	P	C27 20R AAA STER (25:27aaR)
48	55:45	55:38	55:40	2	6535590.	P	C29 20S DIASTER (27:29dbR)
49	57:03	56:56	56:54	-2	1584780.	P	C28 20R ISOST218 (33A:28bbR)
50	57:15	57:06	57:08	2	756014.	D	C28 20S ISOST218 (34:28bbS)
51	57:02	56:55	56:53	-2	3259600.	P	C28 20R ISOSTER 217 (28bbR)
52	57:15	57:06	57:07	1	751849.	D	C28 20S ISOSTER 217 (28bbS)
53	57:52	57:45	57:44	-1	2663050.	-	C28 20R AAA STER (36:28aaR)
54	58:36	58:28	58:29	1	1186280.	S	C29 20S AAA STER (39:29aaS)
55	58:59	58:51	58:51	0	860164.	P	C29 20R ISOST218 (40:29bbR)
56	59:09	59:01	59:01	0	1209530.	D	C29 20S ISOST218 (41:29bbS)
57	58:59	58:51	58:58	7	2410280.	P	C29 20R ISOSTER217 (29bbR)
58	59:09	59:08	00:01	-3549		-1. D	C29 20S ISOSTER217 (29bbS)
59	59:56	59:48	59:48	0	3154580.	-	C29 20R AAA STER (42:29aaR)
60	1:00:36	1:00:28	00:01	-3629		-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	1:01:30	00:01	-3691	-1.	-	C30 4-METHYL STERANE (46)
63	10:46	10:45	10:44	-1	1706720000.	-	2-ME NAPHTHALENE
64	11:06	11:05	11:04	-1	1062590016.	-	1-ME NAPHTHALENE
65	13:14	13:12	13:13	1	38141900.	-	2-ME BIPHENYL
66	15:32	15:30	15:30	0	280652992.	-	3-ME BIPHENYL
67	15:46	15:44	15:44	0	62709300.	D	4-ME BIPHENYL
68	24:16	24:13	24:13	0	48458700.	#	PHENANTHRENE
69	28:03	28:00	28:00	0	8278020.	S	3-ME PHENANTHRENE
70	28:13	28:10	28:09	-1	9987420.	D	2-ME PHENANTHRENE
71	28:45	28:42	28:41	-1	17533400.	S	9-ME PHENANTHRENE
72	28:54	28:50	28:51	1	10461200.	D	1-ME PHENANTHRENE
73	26:42	26:39	26:39	0	996577.	#	4-ME DIBENZOTHIOPHENE
74	27:19	27:16	27:17	1	481239.	-	3+2-ME DIBENZOTHIOPHENE
75	27:58	27:55	27:55	0	324719.	-	1-ME DIBENZOTHIOPHENE
76	36:31	36:27	36:28	1	104944000.	S	C21 MA STERANE (F22:A1)
77	38:53	38:48	38:49	1	58931500.	S	C22 MA STERANE (F23:B1)
78	49:01	48:55	48:54	-1	4798520.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:06	49:07	1	21627700.	S	C27 20S 10B DM MA-DIA (C1)
80	50:44	50:38	50:38	0	15022400.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:52	50:46	50:45	-1	3479400.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:08	51:07	-1	70531704.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:41	51:41	0	12865800.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:33	52:26	52:36	10	14770500.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:33	52:36	52:36	0	14770500.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:57	52:50	52:50	0	53226400.	S	C28 20R 5B DM MA-ST(F8:G1)
87	53:02	52:55	00:01	-3176	-1.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:22	54:15	54:15	0	3464080.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:37	54:30	54:37	7	9812960.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:43	54:43	54:43	0	10394100.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:32	56:25	56:25	0	2931970.	S	C29 20R 5A DM MA-ST(F13:I1)
92	44:00	43:55	44:02	7	4187400.	S	C20 ME TA-STER(F14:a1)
93	46:31	46:25	46:26	1	1751460.	S	C21 ME TA-STER(F15:b1)
94	56:11	56:04	56:04	0	99358.	-	C26 20S ME TA-STER(F16:c1)
95	57:49	57:42	57:42	0	757030.	-	C26 20R ME TA-STER(F17:d1)+
96	57:49	57:42	57:42	0	757030.	D	C27 20S ME TA-STER(F18:d1)
97	59:10	59:02	59:03	1	86745.	-	C28 20S ME TA-STER(F19:e1)
98	59:51	59:43	59:44	1	142593.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:32	1:01:24	00:01	-3685	-1.	-	C28 20R ME TA-STER(F21:g1)
100	53:40	53:33	00:01	-3214	-1.	-	9-DDPA

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

ANALYSIS=MPDMIO00803031.LIS

RT CAL=NSACARO.TIM

Sample#3 Text:6305/7-1 2921m \$9812OIL003S001\$ File Text:6000RP GCMS Exp:GCMS\_

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	35:50	35:50	35:50	0	14372900.	-	2-TBA
2	23:33	23:33	23:33	0	2229210112.	-	PRISTANE
3	26:55	26:55	26:55	0	1053480000.	-	PHYTANE
4	40:58	40:58	40:58	0	5571310.	#	C23 TRICYC TERPANE (T5:23/3)
5	42:34	42:33	42:34	1	3019100.	-	C24 TRICYC TERPANE (24/3)
6	45:37	45:34	45:37	3	2914660.	-	C25 TRICYC TERPANE (25/3)
7	47:20	47:15	47:10	-5	3255340.	-	C24 TETRACYC TERP (\$:24/4)
8	48:02	47:57	48:05	8	812634.	-	C26 TRICYCLIC TERPANE(26/3)
9	48:15	48:10	48:05	-5	812634.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:23	55:12	55:08	-4	2210670.	-	C27 18A HOPANE (Ts:27Ts)
11	56:16	56:05	56:01	-4	2505490.	S	C27 17A HOPANE (Tm:27Tm)
12	57:13	57:01	56:58	-3	1641690.	-	25-TRISNORM/z177 (25nor28ab)
13	58:24	58:11	58:09	-2	979363.	-	C28 BISNORHOPANE (X:28ab)
14	59:00	58:47	58:45	-2	389762.	-	25-NOR m/z177 (Y:25nor30ab)
15	58:58	00:03	00:01	2	-1.	D	25-NORHOPANE (Y:25nor30ab)
16	59:24	59:10	59:14	4	7735310.	-	C29 HOPANE (D:29ab)
17	59:31	59:21	00:01	-3562	-1.	D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:04	59:50	59:49	-1	1800260.	-	C30 C30 DIAHOPANE (PI:30d)
19	1:00:48	1:00:33	1:00:39	6	273226.	-	C29 NORMORETANE (A:29ba)
20	1:01:03	1:00:48	1:00:48	0	507733.	-	C30 18A OLEANANE (B:300)
21	1:01:23	1:01:08	1:01:08	0	5158660.	#	C30 HOPANE (G:30ab)
22	1:01:40	1:01:25	1:01:25	0	1716860.	S	NOR-GAMMACERANE? (G2)
23	1:02:10	1:01:55	1:01:55	0	789909.	-	C30 MORETANE (K:30ba)
24	1:03:34	1:03:19	1:03:19	0	2247940.	-	C31 22S HOPANE (N:31abS)
25	1:03:49	1:03:34	1:03:34	0	3112260.	-	C31 22R HOPANE (O:31abR)
26	1:03:34	1:03:19	1:03:19	0	1221700.	-	C31 22S M/Z205 (N205)
27	1:03:48	1:03:33	1:03:33	0	1425480.	P	C31 22R M/Z205 (O205)
28	1:03:49	1:03:34	1:03:34	0	3112260.	D	C30 GAMACERANE (S:30G)
29	1:04:11	1:03:56	00:01	-3837	-1.	S	C30 17B 21B HOPANE (P)
30	1:05:18	1:05:03	1:05:03	0	1545010.	-	C32 22S HOPANE (U:32abS)
31	1:05:38	1:05:23	1:05:23	0	677219.	-	C32 22R HOPANE (V:32abR)
32	1:07:16	1:07:01	1:07:01	0	633631.	-	C33 22S HOPANE (Alpha:32abS)
33	1:07:46	1:07:31	1:07:31	0	838007.	#	C33 22R HOPANE (Beta:32abR)
34	1:09:21	1:09:06	1:09:06	0	405095.	-	C34 22S HOPANE (Gamma:34abS)
35	1:09:58	1:09:43	1:09:43	0	294668.	-	C34 22R HOPANE (Delta:34abR)
36	1:11:20	1:11:05	1:11:05	0	172335.	-	C35 22S HOP (Epsilon:35abS)
37	1:12:04	1:11:49	1:11:49	0	273419.	-	C35 22R HOPANE (Zeta:35abR)
38	38:19	38:19	38:19	0	13242500.	-	C21 STERANE
39	50:16	50:09	50:16	7	7493930.	-	C27 20S DIASTER (10:27dbS)
40	51:10	51:03	51:10	7	4754530.	-	C27 20R DIASTER (11:27dbR)
41	54:14	54:04	53:59	-5	2455340.	P	C27 20S AAA STER (20:27aaS)
42	54:32	54:22	54:17	-5	3938580.	P	C29 20S DIASTER (21A:29dbS)
43	54:30	54:20	54:15	-5	2161900.	P	C27 20R ISOST218 (21B:27bbR)
44	54:41	54:26	54:26	0	974238.	D	C27 20S ISOST218 (22:27bbS)
45	54:32	54:22	54:17	-5	3938580.	P	C27 20R ISOSTER 217 (27bbR)
46	54:45	54:30	00:01	-3271	-1.	D	C27 20S ISOSTER 217 (27bbs)
47	55:12	55:02	55:08	6	1648230.	P	C27 20R AAA STER (25:27aaR)
48	55:34	55:23	55:19	-4	3666960.	P	C29 20S DIASTER (27:29dbR)
49	56:51	56:39	56:36	-3	1291820.	P	C28 20R ISOST218 (33A:28bbR)
50	57:03	56:48	56:48	0	1269530.	D	C28 20S ISOST218 (34:28bbs)
51	56:48	56:36	56:33	-3	1994190.	P	C28 20R ISOSTER 217 (28bbR)
52	57:03	56:48	56:48	0	1083730.	D	C28 20S ISOSTER 217 (28bbs)
53	57:41	57:29	57:26	-3	489761.	-	C28 20R AAA STER (36:28aaR)
54	58:25	58:12	58:10	-2	1068570.	S	C29 20S AAA STER (39:29aaS)
55	58:47	58:34	58:32	-2	1230860.	P	C29 20R ISOST218 (40:29bbR)
56	58:56	58:41	58:41	0	1320330.	D	C29 20S ISOST218 (41:29bbs)
57	58:48	58:35	58:33	-2	1832380.	P	C29 20R ISOSTER217 (29bbR)
58	58:56	58:41	58:41	0	1097070.	D	C29 20S ISOSTER217 (29bbs)
59	59:43	59:29	59:28	-1	689638.	-	C29 20R AAA STER (42:29aaR)
60	1:00:26	1:00:12	1:00:11	-1	115998.	P	C30 20R ISOSTER218 (30bbR)

61	1:00:33	1:00:18	1:00:18	0	103309.	D	C30 20S ISOSTER218 (30bbs)
62	1:01:27	1:01:12	00:01	-3673	-1.	-	C30 4-METHYL STERANE (46)
63	10:34	10:34	10:34	0	4230469888.	-	2-ME NAPHTHALENE
64	10:55	10:55	10:55	0	2683190016.	-	1-ME NAPHTHALENE
65	13:01	13:01	13:01	0	73833504.	-	2-ME BIPHENYL
66	15:17	15:17	15:17	0	1001060032.	-	3-ME BIPHENYL
67	15:31	15:31	15:31	0	319712992.	D	4-ME BIPHENYL
68	23:56	23:56	23:56	0	491500992.	#	PHENANTHRENE
69	27:42	27:42	27:42	0	236669008.	S	3-ME PHENANTHRENE
70	27:50	27:50	27:50	0	278855008.	D	2-ME PHENANTHRENE
71	28:24	28:24	28:24	0	215196000.	S	9-ME PHENANTHRENE
72	28:32	28:32	28:32	0	166068000.	D	1-ME PHENANTHRENE
73	26:21	26:21	26:21	0	43931900.	#	4-ME DIBENZOTHIOPHENE
74	27:00	27:00	27:00	0	14635200.	-	3+2-ME DIBENZOTHIOPHENE
75	27:36	27:36	27:36	0	2077600.	-	1-ME DIBENZOTHIOPHENE
76	36:23	36:23	36:25	2	494862.	S	C21 MA STERANE (F22:A1)
77	38:35	38:35	38:40	5	4574200.	S	C22 MA STERANE (F23:B1)
78	48:40	48:34	48:35	1	809477.	S	C27 20S 5B DM MA-ST(F2:C1)
79	48:52	48:46	48:47	1	3303230.	S	C27 20S 10B DM MA-DIA (C1)
80	50:24	50:17	50:19	2	2303690.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:32	50:27	50:27	0	637277.	D	C27 20S 5A DM MA-ST(F4:D1)
82	50:56	50:49	50:48	-1	10281400.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:38	51:30	51:23	-7	1500850.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:31	52:23	52:30	7	4583710.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:31	52:30	52:30	0	4583710.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:40	52:31	52:30	-1	4583710.	S	C28 20R 5B DM MA-ST(F8:G1)
87	52:45	52:35	52:35	0	2871900.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:05	53:55	53:55	0	367276.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:34	54:24	54:24	0	507377.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:40	54:30	54:32	2	12003.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:21	56:10	56:06	-4	523597.	S	C29 20R 5A DM MA-ST(F13:I1)
92	43:35	43:33	43:35	2	2063360.	S	C20 ME TA-STER(F14:a1)
93	46:04	46:00	46:04	4	1410940.	S	C21 ME TA-STER(F15:b1)
94	55:54	55:43	55:44	1	249676.	-	C26 20S ME TA-STER(F16:c1)
95	57:32	57:20	57:22	2	401242.	-	C26 20R ME TA-STER(F17:d1)+
96	57:32	57:22	57:22	0	401242.	D	C27 20S ME TA-STER(F18:d1)
97	58:53	58:40	58:43	3	299062.	-	C28 20S ME TA-STER(F19:e1)
98	59:33	59:19	59:23	4	331342.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:15	1:01:00	1:01:05	5	270798.	-	C28 20R ME TA-STER(F21:g1)
100	53:23	53:14	53:13	-1	906753.	-	9-DDPA

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

ANALYSIS=MPDMIO00803041.LIS RT CAL=NSACARO.TIM  
 Sample#4 Text:6305/7-1 2937m \$9812OIL003S002\$ File Text:6000RP GCMS Exp:GCMS\_

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK AREA	PT	NAME
1	35:50	35:48	00:01	-2149		-1. -	2-TBA
2	23:33	23:32	23:27	-5	1183859968.	-	PRISTANE
3	26:55	26:55	26:50	-5	484970016.	-	PHYTANE
4	40:58	40:55	40:55	0	3073710.	#	C23 TRICYC TERPANE (T5:23/3)
5	42:34	42:31	42:31	0	1549720.	-	C24 TRICYC TERPANE (24/3)
6	45:37	45:34	45:35	1	938046.	-	C25 TRICYC TERPANE (25/3)
7	47:10	47:07	47:08	1	1607280.	-	C24 TETRACYC TERP (\$:24/4)
8	47:52	47:49	47:52	3	232649.	-	C26 TRICYCLIC TERPANE (26/3)
9	48:05	48:02	48:03	1	383504.	-	C26 TRICYCLIC TERP 2 (26/3)
10	55:08	55:05	55:05	0	566757.	-	C27 18A HOPANE (Ts:26Ts)
11	56:01	55:58	55:59	1	1119860.	S	C27 17A HOPANE (Tm:27Tm)
12	56:58	56:55	56:47	-8	416809.	-	25-TRISNORM/z177 (25nor28ab)
13	58:09	58:06	58:08	2	417505.	-	C28 BISNORHOPANE (X:28ab)
14	58:45	58:42	58:32	-10	89577.	-	25-NOR m/z177 (Y:25nor30ab)
15	58:43	00:03	00:01	2		-1. D	25-NORHOPANE (Y:25nor30ab)
16	59:14	59:11	59:12	1	3747100.	-	C29 HOPANE (D:29ab)
17	59:21	59:19	59:19	0	518419.	D	C29 18A NORHOPANE (D2:29Ts)
18	59:49	59:46	59:48	2	61787.	-	C30 C30 DIAHOPANE (PI:30d)
19	1:00:13	1:00:10	1:00:14	4	376452.	-	C29 NORMORETANE (A:29ba)
20	1:00:48	1:00:45	00:01	-3646		-1. -	C30 18A OLEANANE (B:300)
21	1:01:08	1:01:05	1:01:05	0	2823620.	#	C30 HOPANE (G:30ab)
22	1:01:25	1:01:22	1:01:18	-4	401292.	S	NOR-GAMMACERANE? (G2)
23	1:01:55	1:01:52	1:01:54	2	385366.	-	C30 MORETANE (K:30ba)
24	1:03:19	1:03:16	1:03:17	1	1119760.	-	C31 22S HOPANE (N:31abS)
25	1:03:34	1:03:31	1:03:32	1	1106290.	-	C31 22R HOPANE (O:31abR)
26	1:03:19	1:03:16	1:03:17	1	349039.	-	C31 22S M/Z205 (N205)
27	1:03:33	1:03:30	1:03:31	1	474435.	P	C31 22R M/Z205 (O205)
28	1:03:34	1:03:32	1:03:32	0	1106290.	D	C30 GAMACERANE (S:30G)
29	1:03:56	1:03:53	00:01	-3834		-1. S	C30 17B 21B HOPANE (P)
30	1:05:03	1:05:00	1:05:01	1	604208.	-	C32 22S HOPANE (U:32abS)
31	1:05:23	1:05:20	1:05:22	2	420679.	-	C32 22R HOPANE (V:32abR)
32	1:07:01	1:06:58	1:07:01	3	374682.	-	C33 22S HOPANE (Alpha:32abS)
33	1:07:31	1:07:28	1:07:28	0	259826.	#	C33 22R HOPANE (Beta:32abR)
34	1:09:06	1:09:03	1:09:03	0	224199.	-	C34 22S HOPANE (Gamma:34abS)
35	1:09:43	1:09:40	1:09:39	-1	177277.	-	C34 22R HOPANE (Delta:34abR)
36	1:11:05	1:11:02	1:11:05	3	204216.	-	C35 22S HOP (Epsilon:35abS)
37	1:11:49	1:11:46	1:11:47	1	77475.	-	C35 22R HOPANE (Zeta:35abR)
38	38:19	38:17	38:15	-2	3788680.	-	C21 STERANE
39	50:16	50:13	50:15	2	1323120.	-	C27 20S DIASTER (10:27dbS)
40	51:10	51:07	51:08	1	869817.	-	C27 20R DIASTER (11:27dbR)
41	53:59	53:56	53:57	1	465250.	P	C27 20S AAA STER (20:27aaS)
42	54:17	54:14	54:15	1	662673.	P	C29 20S DIASTER (21A:29dbS)
43	54:15	54:12	54:13	1	224719.	P	C27 20R ISOST218 (21B:27bbR)
44	54:26	54:24	54:25	1	88127.	D	C27 20S ISOST218 (22:27bbS)
45	54:17	54:14	54:15	1	662673.	P	C27 20R ISOSTER 217 (27bbR)
46	54:30	54:28	00:01	-3269		-1. D	C27 20S ISOSTER 217 (27bbS)
47	54:57	54:54	54:55	1	266840.	P	C27 20R AAA STER (25:27aaR)
48	55:19	55:16	55:17	1	530878.	P	C29 20S DIASTER (27:29dbR)
49	56:36	56:33	56:34	1	115436.	P	C28 20R ISOST218 (33A:28bbR)
50	56:48	56:46	56:47	1	92878.	D	C28 20S ISOST218 (34:28bbS)
51	56:33	56:30	56:33	3	306012.	P	C28 20R ISOSTER 217 (28bbR)
52	56:48	56:48	56:47	-1	146388.	D	C28 20S ISOSTER 217 (28bbS)
53	57:26	57:23	57:21	-2	143464.	-	C28 20R AAA STER (36:28aaR)
54	58:10	58:07	58:07	0	93006.	S	C29 20S AAA STER (39:29aaS)
55	58:32	58:29	58:31	2	94341.	P	C29 20R ISOST218 (40:29bbR)
56	58:41	58:40	58:39	-1	96809.	D	C29 20S ISOST218 (41:29bbS)
57	58:33	58:30	58:30	0	90633.	P	C29 20R ISOSTER217 (29bbR)
58	58:41	58:38	00:01	-3519		-1. D	C29 20S ISOSTER217 (29bbS)
59	59:28	59:25	59:27	2	175910.	-	C29 20R AAA STER (42:29aaR)
60	1:00:11	1:00:08	00:01	-3609		-1. P	C30 20R ISOSTER218 (30bbR)

61	1:00:18	00:06	00:01	-7	-1.	D	C30 20S ISOSTER218 (30bbS)
62	1:01:12	1:01:09	00:01	-3670	-1.	-	C30 4-METHYL STERANE (46)
63	10:34	10:34	10:32	-2	1880840064.	-	2-ME NAPHTHALENE
64	10:55	10:55	10:52	-3	1195480064.	-	1-ME NAPHTHALENE
65	13:01	13:00	12:58	-2	40727100.	-	2-ME BIPHENYL
66	15:17	15:16	15:14	-2	356630016.	-	3-ME BIPHENYL
67	15:31	15:28	15:29	1	84248200.	D	4-ME BIPHENYL
68	23:56	23:55	23:55	0	64123100.	#	PHENANTHRENE
69	27:42	27:42	27:42	0	8298250.	S	3-ME PHENANTHRENE
70	27:50	27:50	27:51	1	11763400.	D	2-ME PHENANTHRENE
71	28:24	28:24	28:22	-2	23487700.	S	9-ME PHENANTHRENE
72	28:32	28:30	28:31	1	16274300.	D	1-ME PHENANTHRENE
73	26:21	26:21	26:21	0	3320770.	#	4-ME DIBENZOTHIOPHENE
74	27:00	27:00	27:00	0	1331390.	-	3+2-ME DIBENZOTHIOPHENE
75	27:36	27:36	27:36	0	1589330.	-	1-ME DIBENZOTHIOPHENE
76	36:08	36:06	36:05	-1	14802300.	S	C21 MA STERANE (F22:A1)
77	38:30	38:28	38:25	-3	8271710.	S	C22 MA STERANE (F23:B1)
78	48:35	48:32	48:32	0	306587.	S	C27 20S 5B DM MA-ST(F2:C1)
79	48:47	48:44	48:45	1	1798450.	S	C27 20S 10B DM MA-DIA (C1)
80	50:19	50:16	50:17	1	1238790.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:27	50:25	50:25	0	259157.	D	C27 20S 5A DM MA-ST(F4:D1)
82	50:48	50:45	50:46	1	5766160.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:23	51:20	51:20	0	1107360.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:16	52:13	52:14	1	906219.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:16	52:14	52:14	0	906219.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:30	52:27	52:28	1	2628890.	S	C28 20R 5B DM MA-ST(F8:G1)
87	52:35	52:33	52:33	0	1385820.	D	C29 20S 5B DM MA-ST(F9:G1)
88	53:55	53:52	53:53	1	176412.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:14	54:11	54:15	4	418678.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:20	54:21	54:22	1	756447.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:06	56:03	56:04	1	89484.	S	C29 20R 5A DM MA-ST(F13:I1)
92	43:40	43:37	43:32	-5	41210.	S	C20 ME TA-STER(F14:a1)
93	46:04	46:01	46:05	4	102807.	S	C21 ME TA-STER(F15:b1)
94	55:44	55:41	00:01	-3342	-1.	-	C26 20S ME TA-STER(F16:c1)
95	57:22	57:19	00:01	-3440	-1.	-	C26 20R ME TA-STER(F17:d1)+
96	57:22	00:01	00:01	0	-1.	D	C27 20S ME TA-STER(F18:d1)
97	58:43	58:40	00:01	-3521	-1.	-	C28 20S ME TA-STER(F19:e1)
98	59:23	59:20	00:01	-3561	-1.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:05	1:01:02	00:01	-3663	-1.	-	C28 20R ME TA-STER(F21:g1)
100	53:13	53:10	00:01	-3191	-1.	-	9-DDPA

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

ANALYSIS=MPDMIO00797021.LIS RT CAL=NSACARO.TIM  
 Sample#2 Text:6305/7-1 Mud Ext \$9811OIL001S001\$ File Text:6000RP GCMS Exp:GCM

NO	E_TIME	P_TIME	F_TIME	DEL_S	PEAK	AREA	PT	NAME
1	36:13	36:23	00:01	-2184			-1. -	2-TBA
2	23:45	24:00	23:52	-8	3156380.		-	PRISTANE
3	27:10	27:20	27:15	-5	9532400.		-	PHYTANE
4	41:22	41:32	41:32	0	2211190.		#	C23 TRICYC TERPANE (T5:23/3)
5	42:57	43:07	00:01	-2588			-1. -	C24 TRICYC TERPANE (24/3)
6	46:02	46:12	00:01	-2773			-1. -	C25 TRICYC TERPANE (25/3)
7	47:37	47:47	47:45	-2	1579440.		-	C24 TETRACYC TERP (\$:24/4)
8	48:18	48:28	00:01	-2909			-1. -	C26 TRICYCLIC TERPANE(26/3)
9	48:30	48:40	00:01	-2921			-1. -	C26 TRICYCLIC TERP 2 (26/3)
10	55:36	55:46	55:44	-2	1730560.		-	C27 18A HOPANE (Ts:27Ts)
11	56:28	56:38	56:36	-2	2684590.		S	C27 17A HOPANE (Tm:27Tm)
12	57:14	57:24	57:25	1	3180100.		-	25-TRISNORM/z177 (25nor28ab)
13	58:36	58:46	58:47	1	1071530.		-	C28 BISNORHOPANE (X:28ab)
14	59:11	59:21	59:21	0	1278710.		-	25-NOR m/z177 (Y:25nor30ab)
15	59:11	59:21	59:20	-1	1699330.		D	25-NORHOPANE (Y:25nor30ab)
16	59:40	59:50	59:49	-1	6197350.		-	C29 HOPANE (D:29ab)
17	59:47	59:56	59:57	1	1753430.		D	C29 18A NORHOPANE (D2:29Ts)
18	1:00:15	1:00:25	00:01	-3626			-1. -	C30 C30 DIAHOPANE (PI:30d)
19	1:00:41	1:00:51	00:01	-3652			-1. -	C29 NORMORETANE (A:29ba)
20	1:01:13	1:01:23	00:01	-3684			-1. -	C30 18A OLEANANE (B:30O)
21	1:01:33	1:01:43	1:01:43	0	9009230.		#	C30 HOPANE (G:30ab)
22	1:01:51	1:02:01	00:01	-3722			-1. S	NOR-GAMMACERANE? (G2)
23	1:02:21	1:02:31	1:02:31	0	785260.		-	C30 MORETANE (K:30ba)
24	1:03:44	1:03:54	1:03:54	0	4251870.		-	C31 22S HOPANE (N:31abS)
25	1:03:59	1:04:09	1:04:09	0	3763420.		-	C31 22R HOPANE (O:31abR)
26	1:03:44	1:03:54	1:03:54	0	1562850.		-	C31 22S M/Z205 (N205)
27	1:03:59	1:04:09	1:04:08	-1	1736810.		P	C31 22R M/Z205 (O205)
28	1:03:59	1:04:08	1:04:09	1	3763420.		D	C30 GAMACERANE (S:30G)
29	1:04:22	1:04:32	00:01	-3873			-1. S	C30 17B 21B HOPANE (P)
30	1:05:27	1:05:38	1:05:39	1	3217250.		-	C32 22S HOPANE (U:32abS)
31	1:05:48	1:05:59	1:06:00	1	2025670.		-	C32 22R HOPANE (V:32abR)
32	1:07:27	1:07:38	1:07:38	0	2156140.		-	C33 22S HOPANE (Alpha:32abS)
33	1:07:56	1:08:07	1:08:07	0	1737880.		#	C33 22R HOPANE (Beta:32abR)
34	1:09:29	1:09:40	1:09:40	0	1649430.		-	C34 22S HOPANE (Gamma:34abS)
35	1:10:07	1:10:18	1:10:17	-1	541211.		-	C34 22R HOPANE (Delta:34abR)
36	1:11:31	1:11:43	1:11:41	-2	1579020.		-	C35 22S HOP (Epsilon:35abS)
37	1:12:13	1:12:25	1:12:24	-1	549554.		-	C35 22R HOPANE (Zeta:35abR)
38	38:42	38:52	00:01	-2333			-1. -	C21 STERANE
39	50:43	50:53	50:49	-4	1294860.		-	C27 20S DIASTER (10:27dbS)
40	51:36	51:46	51:46	0	3659390.		-	C27 20R DIASTER (11:27dbR)
41	54:25	54:35	54:34	-1	1588190.		P	C27 20S AAA STER (20:27aaS)
42	54:43	54:53	54:49	-4	2045720.		P	C29 20S DIASTER (21A:29dbS)
43	54:41	54:51	54:48	-3	1324520.		P	C27 20R ISOST218 (21B:27bbR)
44	54:53	55:00	54:59	-1	998530.		D	C27 20S ISOST218 (22:27bbS)
45	54:43	54:53	54:49	-4	2045720.		P	C27 20R ISOSTER 217 (27bbR)
46	54:54	55:00	55:01	1	1069870.		D	C27 20S ISOSTER 217 (27bbS)
47	55:23	55:33	55:30	-3	919716.		P	C27 20R AAA STER (25:27aaR)
48	55:45	55:55	55:53	-2	1081170.		P	C29 20S DIASTER (27:29dbR)
49	57:00	57:10	57:10	0	951817.		P	C28 20R ISOST218 (33A:28bbR)
50	57:13	57:23	57:21	-2	1071940.		D	C28 20S ISOST218 (34:28bbS)
51	56:58	57:08	57:08	0	1004700.		P	C28 20R ISOSTER 217 (28bbR)
52	57:13	57:23	57:21	-2	754746.		D	C28 20S ISOSTER 217 (28bbS)
53	57:49	57:59	58:00	1	468380.		-	C28 20R AAA STER (36:28aaR)
54	58:35	58:45	58:44	-1	1032260.		S	C29 20S AAA STER (39:29aaS)
55	58:57	59:07	59:06	-1	1086140.		P	C29 20R ISOST218 (40:29bbR)
56	59:06	59:15	59:15	0	1388730.		D	C29 20S ISOST218 (41:29bbS)
57	58:56	59:06	59:06	0	1197370.		P	C29 20R ISOSTER217 (29bbR)
58	59:05	59:15	59:15	0	1420510.		D	C29 20S ISOSTER217 (29bbS)
59	59:54	1:00:04	1:00:02	-2	804115.		-	C29 20R AAA STER (42:29aaR)
60	1:00:31	1:00:41	00:01	-3642			-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	1:01:46	1:01:46	0	168248.	-	C30 4-METHYL STERANE (46)
63	10:42	10:49	10:45	-4	4564580.	-	2-ME NAPHTHALENE
64	11:02	11:09	11:05	-4	3387700.	-	1-ME NAPHTHALENE
65	13:10	13:18	13:14	-4	244143.	-	2-ME BIPHENYL
66	15:27	15:37	15:38	1	1949120.	-	3-ME BIPHENYL
67	15:42	15:53	15:53	0	638541.	D	4-ME BIPHENYL
68	24:10	24:25	24:25	0	7109260.	#	PHENANTHRENE
69	27:58	28:08	28:09	1	698810.	S	3-ME PHENANTHRENE
70	28:06	28:17	28:17	0	1375560.	D	2-ME PHENANTHRENE
71	28:40	28:50	28:51	1	1378650.	S	9-ME PHENANTHRENE
72	28:49	29:00	28:59	-1	1644160.	D	1-ME PHENANTHRENE
73	26:37	26:47	26:47	0	564787.	#	4-ME DIBENZOTHIOPHENE
74	27:14	27:24	27:26	2	258819.	-	3+2-ME DIBENZOTHIOPHENE
75	27:52	28:02	28:01	-1	298586.	-	1-ME DIBENZOTHIOPHENE
76	36:29	36:39	00:01	-2200	-1.	S	C21 MA STERANE (F22:A1)
77	38:51	39:01	39:06	5	192332.	S	C22 MA STERANE (F23:B1)
78	49:00	49:10	49:08	-2	132437.	S	C27 20S 5B DM MA-ST(F2:C1)
79	49:12	49:22	49:20	-2	526458.	S	C27 20S 10B DM MA-DIA (C1)
80	50:40	50:50	50:51	1	682271.	S	C27 20R 5B DM MA-ST(F3:D1)
81	50:48	50:59	50:59	0	139739.	D	C27 20S 5A DM MA-ST(F4:D1)
82	51:14	51:24	51:21	-3	1269330.	S	C28 20S 5B DM MA-ST(F5:E1)
83	51:48	51:58	51:55	-3	232816.	S	C27 20S 5A DM MA-DS(F5:F1)
84	52:42	52:52	52:49	-3	695097.	-	C27 20R 5A DM MA-ST(F6:G1)+
85	52:42	52:49	52:49	0	695097.	D	C28 20S 5A DM MA-ST(F7:G1)
86	52:51	53:01	53:03	2	1044080.	S	C28 20R 5B DM MA-ST(F8:G1)
87	52:57	53:09	53:09	0	1174580.	D	C29 20S 5B DM MA-ST(F9:G1)
88	54:21	54:31	54:27	-4	224947.	S	C29 20S 5A DM MA-ST(F10:H1)
89	54:38	54:48	54:49	1	293084.	S	C28 20R 5A DM MA-ST(F11:H1)
90	54:44	54:55	54:57	2	644675.	D	C29 20R 5B DM MA-ST(F12:H1)
91	56:29	56:39	56:38	-1	186990.	S	C29 20R 5A DM MA-ST(F13:I1)
92	43:58	44:08	44:14	6	97487.	S	C20 ME TA-STER(F14:a1)
93	46:28	46:38	46:39	1	148768.	S	C21 ME TA-STER(F15:b1)
94	56:08	56:18	56:18	0	97253.	-	C26 20S ME TA-STER(F16:c1)
95	57:46	57:56	57:55	-1	543184.	-	C26 20R ME TA-STER(F17:d1)+
96	57:46	57:55	57:55	0	543184.	D	C27 20S ME TA-STER(F18:d1)
97	59:06	59:16	59:18	2	419206.	-	C28 20S ME TA-STER(F19:e1)
98	59:47	59:57	59:57	0	453205.	-	C27 20R ME TA-STER(F20:f1)
99	1:01:28	1:01:38	1:01:38	0	457989.	-	C28 20R ME TA-STER(F21:g1)
100	53:38	53:48	00:01	-3229	-1.	-	9-DDPA

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