User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 03/28/2002 Time: 11:17:56

Sample: AE04509
Analysis: $REGCMS Reference for GCMS Scan
Units: ug
Started: 3/2/02 11:01 Ended: 3/27/02 11:01 Analyst: TB
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		5.35		2.0
2	bis(2-Chloroethyl)ether		9.91		2.0
3	1,3-Dichlorobenzene		4.70		2.0
4	1,4-Dichlorobenzene		5.04		2.0
5	1,2-Dichlorobenzene		5.77		2.0
6	2,2-oxybis(1-Chloropropane)		10.16		2.0
7	n-Nitrosodi-n-propylamine		10.70		2.0
8	Hexachloroethane		3.80		2.0
9	Nitrobenzene		7.23		2.0
10	Isophorone		9.89		2.0
11	bis(2-Chloroethoxy)methane		8.13		2.0
12	1,2,4-Trichlorobenzene		5.22		2.0
13	Naphthalene		7.46		2.0
14	Hexachlorobutadiene		2.53		2.0
15	2-Chloronaphthalene		6.66		2.0
16	Dimethylphthalate		9.28		2.0
17	2,6-Dinitrotoluene		7.67		2.0
18	Acenaphthylene		8.51		2.0
19	Acenaphthene		8.25		2.0
20	2,4-Dinitrotoluene		7.56		2.0
21	Diethylphthalate		10.24		2.0
22	4-Chlorophenylphenylether		8.04		2.0
23	Fluorene		8.95		2.0
24	Azobenzene/1,2-Diphenylhydrazi		8.73		2.0
25	n-Nitrosodiphenylamine		7.91		2.0
26	4-Bromophenylphenylether		9.00		2.0
27	Hexachlorobenzene		8.61		2.0
28	Phenanthrene		9.31		2.0
29	Anthracene		8.61		2.0
30	Di-n-butylphthalate		10.22		2.0
31	Fluoranthene		9.02		2.0
32	Pyrene		8.57		2.0
33	Butylbenzylphthalate		9.06		2.0
34	Benzo(a)anthracene		8.57		2.0
35	bis(2-Ethylhexyl)phthalate		9.13		2.0
36	Chrysene		9.39		2.0
37	Di-n-octylphthalate		7.41		2.0
38	Benzo(b)fluoranthene		8.32		2.0
39	Benzo(k)fluoranthene		9.61		2.0
40	Benzo(a)pyrene		7.80		2.0
41	Indeno(1,2,3-cd)pyrene		8.13		2.0
42	Dibenz(a,h)anthracene		9.38		2.0
43	Benzo(g,h,i)perylene		9.81		2.0

User: Bohlk, Ted
Westchester Dept. of Labs & Research
Date: 03/28/2002 Time: 11:18:20

Sample: AE04509
Analysis: $Q_GCMS Ref calc for GCMS Scan
Units: ug
Started: 3/2/02 11:01 Ended: 3/27/02 11:01 Analyst: TB
Result source: calculation
Page: 1

	Component Name	Viol.	Result	Qualifier	MDL
1	n-Nitrosodimethylamine		54		2.0
2					
3	1,3-Dichlorobenzene		47		2.0
4	1,4-Dichlorobenzene		50		2.0
5	1,2-Dichlorobenzene		58		2.0
6					
7					
8	Hexachloroethane		38		2.0
9	Nitrobenzene		72		2.0
10					
11	bis(2-Chloroethoxy)methane		81		2.0
12	1,2,4-Trichlorobenzene		52		2.0
13	Naphthalene		75		2.0
14	Hexachlorobutadiene		25		2.0
15	2-Chloronaphthalene		67		2.0
16					
17					
18	Acenaphthylene		85		2.0
19	Acenaphthene		82		2.0
20					
21					
22	4-Chlorophenylphenylether		80		2.0
23	Fluorene		90		2.0
24	Azobenzene/1,2-Diphenylhydrazi		87		2.0
25	n-Nitrosodiphenylamine		79		2.0
26	4-Bromophenylphenylether		90		2.0
27	Hexachlorobenzene		86		2.0
28	Phenanthrene		93		2.0
29	Anthracene		86		2.0
30					
31	Fluoranthene		90		2.0
32	Pyrene		86		2.0
33					
34	Benzo(a)anthracene		86		2.0
35					
36	Chrysene		94		2.0
37	Di-n-octylphthalate		74		2.0
38	Benzo(b)fluoranthene		83		2.0
39	Benzo(k)fluoranthene		96		2.0
40	Benzo(a)pyrene		78		2.0
41	Indeno(1,2,3-cd)pyrene		81		2.0
42	Dibenz(a,h)anthracene		94		2.0
43					

Data File : C:\MSDCHEM\1\DATA\032602\REF1C326.D Vial: 52
Acq On : 27 Mar 2002 3:55 pm Operator: McLean
Sample : REF 1 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:26:46 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1789660	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4981014	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2770530	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	4041758	20.00	ug/L	0.00
38) Chrysene-d12	30.32	240	3413443	20.00	ug/L	0.00
44) Perylene-d12	34.19	264	2215628	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	263409	5.46	ug/L	0.00
Spiked Amount 5.000			Recovery = 109.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.59	74	214983	5.35	ug/L #	100
3) bis(2-chloroethyl) ether	8.98	93	627982	9.91	ug/L	89
4) 1,3 - Dichlorobenze	9.38	146	294522	4.70	ug/L	99
5) 1,4 - Dichlorobenzene	9.60	146	315125	5.04	ug/L	95
6) 1,2 - Dichlorobenzene	9.97	146	333854	5.77	ug/L	95
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1465812	10.16	ug/L	98
8) N-Nitroso-di-n-propylamine	10.76	70	487348	10.70	ug/L	96
9) Hexachloroethane	10.86	117	89126	3.80	ug/L	98
11) Nitrobenzene	11.11	77	648829	7.23	ug/L	97
12) Isophorone	11.82	82	1632828	9.89	ug/L	99
13) bis(2-Chloroethoxy) methan	12.56	93	807639	8.13	ug/L	97
14) 1,2,4-Trichlorobenzene	12.90	180	297813	5.22	ug/L	98
15) Naphthalene	13.08	128	1544421	7.46	ug/L	100
16) Hexachlorobutadiene	13.53	225	80631	2.53	ug/L	94
18) Hexachlorocyclopentadiene	15.61	237	23403	0.96	ug/L	89
19) 2-chloronaphthalene	16.51	162	842565	6.66	ug/L	99
20) Dimethylphthalate	17.60	163	1401002	9.28	ug/L	98
21) 2,6-Dinitrotoluene	17.70	165	246311	7.67	ug/L	91
22) Acenaphthylene	17.69	152	1493722	8.51	ug/L	99
23) Acenaphthene	18.23	153	984157	8.25	ug/L	98
24) 2,4-Dinitrotoluene	18.86	165	347736	7.56	ug/L	96
25) Diethylphthalate	19.72	149	1330810	10.24	ug/L	99
26) 4-Chlorophenyl-phenyl ethe	19.90	204	556663	8.04	ug/L	97
27) Fluorene	19.76	166	1258383	8.95	ug/L	97
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	1672988	8.73	ug/L	97
30) N-Nitrosodiphenylamine	20.27	169	686938	7.91	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.32	248	321067	9.00	ug/L	94
32) Hexachlorobenzene	21.35	284	323976	8.61	ug/L	93
33) Phenanthrene	22.56	178	1743495	9.31	ug/L	100
34) Anthracene	22.71	178	1599976	8.61	ug/L	99
35) Di-n-butylphthalate	24.65	149	2192593	10.22	ug/L	99
36) Fluoranthene	26.06	202	1919466	9.02	ug/L	96
39) Pyrene	26.69	202	2023003	8.57	ug/L	99
40) Butylbenzylphthalate	29.05	149	915588	9.06	ug/L	95
41) Benzo (a) antracene	30.29	228	1535814	8.57	ug/L	99
42) Bis (2-ethylhexyl) phthala	30.91	149	1219618	9.13	ug/L	99
43) Chrysene	30.38	228	1597935	9.39	ug/L	99
45) Di-n-Octylphthalate	32.76	149	1763542	7.41	ug/L	96
46) Benzo (b) fluoranthene	33.23	252	1299650	8.32	ug/L	98

(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\032602\REF1C326.D Vial: 52
Acq On : 27 Mar 2002 3:55 pm Operator: McLean
Sample : REF 1 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:26:46 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

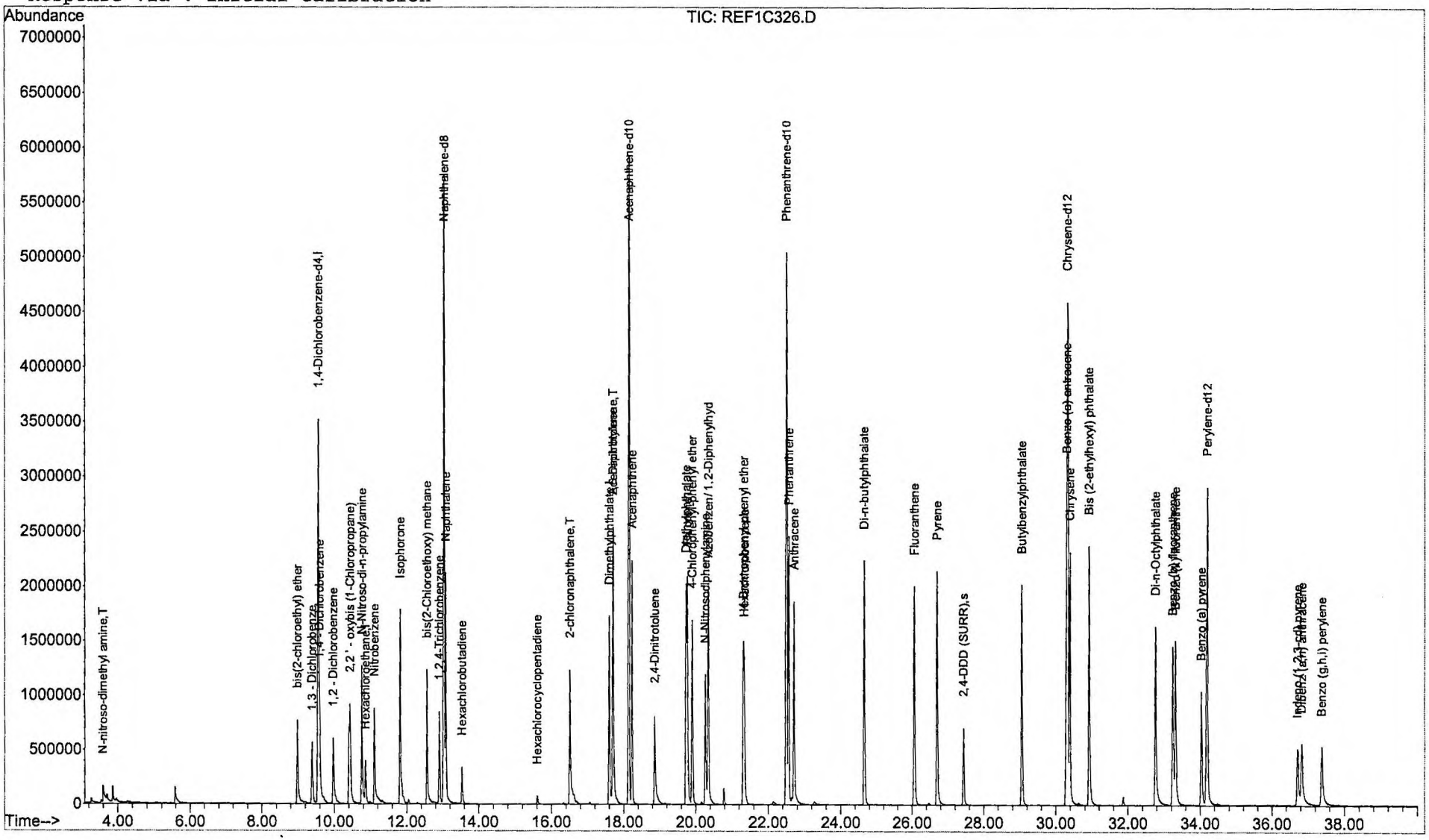
	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	33.31	252	1530988	9.61	ug/L	99
48)	Benzo (a) pyrene	34.03	252	1040199	7.80	ug/L	98
49)	Indeno (1,2,3-cd) pyrene	36.71	276	623614	8.13	ug/L	99
50)	Dibenz (a,h) anthracene	36.83	278	692016	9.38	ug/L	95
51)	Benzo (g,h,i) perylene	37.38	276	724429	9.81	ug/L	97

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\REF1C326.D Vial: 52
Acq On : 27 Mar 2002 3:55 pm Operator: McLean
Sample : REF 1 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 5:26 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration



Data File : C:\MSDCHEM\1\DATA\032602\REF2C326.D Vial: 53
Acq On : 27 Mar 2002 4:45 pm Operator: McLean
Sample : REF 2 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:27:48 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	9.55	150	1484068	20.00	ug/L	0.00
10) Naphthalene-d8	13.03	136	4225811	20.00	ug/L	0.00
17) Acenaphthene-d10	18.14	164	2316907	20.00	ug/L	0.00
29) Phenanthrene-d10	22.50	188	3321126	20.00	ug/L	0.00
38) Chrysene-d12	30.32	240	2761108	20.00	ug/L	0.00
44) Perylene-d12	34.18	264	1703363	20.00	ug/L	0.00
System Monitoring Compounds						
37) 2,4-DDD (SURR)	27.43	235	207504	5.24	ug/L	0.00
Spiked Amount 5.000			Recovery = 104.80%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	3.60	74	150671	4.52	ug/L #	100
3) bis(2-chloroethyl) ether	8.98	93	506384	9.64	ug/L	84
4) 1,3 - Dichlorobenze	9.38	146	256235	4.93	ug/L	96
5) 1,4 - Dichlorobenzene	9.60	146	269796	5.21	ug/L	99
6) 1,2 - Dichlorobenzene	9.97	146	297342	6.20	ug/L	98
7) 2,2 ' - oxybis (1-Chloropr	10.43	45	1197530	10.01	ug/L	98
8) N-Nitroso-di-n-propylamine	10.75	70	396575	10.50	ug/L	95
9) Hexachloroethane	10.86	117	78256	4.02	ug/L	90
11) Nitrobenzene	11.11	77	494166	6.49	ug/L	99
12) Isophorone	11.82	82	1335696	9.54	ug/L	100
13) bis(2-Chloroethoxy) methan	12.56	93	626936	7.44	ug/L	100
14) 1,2,4-Trichlorobenzene	12.90	180	242428	5.01	ug/L	99
15) Naphthalene	13.08	128	1304228	7.43	ug/L	98
16) Hexachlorobutadiene	13.53	225	72154	2.67	ug/L	98
18) Hexachlorocyclopentadiene	15.61	237	18759	0.92	ug/L	91
19) 2-chloronaphthalene	16.50	162	667152	6.31	ug/L	97
20) Dimethylphthalate	17.59	163	1073017	8.50	ug/L	99
21) 2,6-Dinitrotoluene	17.70	165	198922	7.40	ug/L	97
22) Acenaphthylene	17.69	152	1262535	8.60	ug/L	99
23) Acenaphthene	18.23	153	826871	8.29	ug/L	97
24) 2,4-Dinitrotoluene	18.86	165	270151	7.02	ug/L	96
25) Diethylphthalate	19.72	149	1092153	10.05	ug/L	98
26) 4-Chlorophenyl-phenyl ethe	19.90	204	463526	8.01	ug/L	97
27) Fluorene	19.76	166	1038570	8.83	ug/L	97
28) Azobenzen/ 1,2-Diphenylhyd	20.34	77	1364062	8.51	ug/L	98
30) N-Nitrosodiphenylamine	20.26	169	597462	8.37	ug/L	99
31) 4-Bromophenyl-phenyl ether	21.32	248	267183	9.11	ug/L	95
32) Hexachlorobenzene	21.34	284	272997	8.83	ug/L	97
33) Phenanthrene	22.56	178	1444276	9.39	ug/L	99
34) Anthracene	22.70	178	1303645	8.54	ug/L	99
35) Di-n-butylphthalate	24.65	149	1794518	10.18	ug/L	99
36) Fluoranthene	26.06	202	1574126	9.01	ug/L	96
39) Pyrene	26.69	202	1629267	8.54	ug/L	98
40) Butylbenzylphthalate	29.05	149	723070	8.85	ug/L	92
41) Benzo (a) antracene	30.28	228	1236350	8.53	ug/L	98
42) Bis (2-ethylhexyl) phthala	30.91	149	966355	8.94	ug/L	100
43) Chrysene	30.38	228	1310171	9.51	ug/L	99
45) Di-n-Octylphthalate	32.76	149	1370170	7.49	ug/L	98
46) Benzo (b) fluoranthene	33.23	252	1009003	8.41	ug/L	98

(#) = qualifier out of range (m) = manual integration

Data File : C:\MSDCHEM\1\DATA\032602\REF2C326.D Vial: 53
Acq On : 27 Mar 2002 4:45 pm Operator: McLean
Sample : REF 2 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 05:27:48 2002 Quant Results File: 5080302.RES

Quant Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
Response via : Initial Calibration
DataAcq Meth : 508SCAN

	Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
47)	Benzo (k) fluoranthene	33.30	252	1219505	9.96	ug/L	98
48)	Benzo (a) pyrene	34.03	252	782041	7.63	ug/L	99
49)	Indeno (1,2,3-cd) pyrene	36.72	276	434996	7.37	ug/L	99
50)	Dibenz (a,h) anthracene	36.82	278	503335	8.87	ug/L	97
51)	Benzo (g,h,i) perylene	37.37	276	512251	9.02	ug/L	95

(#) = qualifier out of range (m) = manual integration

Quantitation Report (Not Reviewed)

Data File : C:\MSDCHEM\1\DATA\032602\REF2C326.D Vial: 53
Acq On : 27 Mar 2002 4:45 pm Operator: McLean
Sample : REF 2 3/2/02 Inst : Instrumen
Misc : Multiplr: 1.00
MS Integration Params: BENZO.P
Quant Time: Mar 28 5:27 2002 Quant Results File: 5080302.RES

Method : C:\MSDCHEM\1\5973N\5080302.M (RTE Integrator)
Title : Quantitation For Method 508gcscan
Last Update : Wed Mar 27 06:57:36 2002
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