Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\9654.D Vial: 12
Acq On : 7 May 2002 3:04 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:49 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	528460	40.00	ug/l	-0.02
10) Naphthalene-d8	15.82	136	1924747	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1051511	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1473147	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	900590	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	535956	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	30316	5.92	ug/L	-0.02
Spiked Amount 10.000			Recovery = 59.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	0.00	128	0	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.62	149	509	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.57	178	316	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\9654.D Vial: 12
Acq On : 7 May 2002 3:04 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:49 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

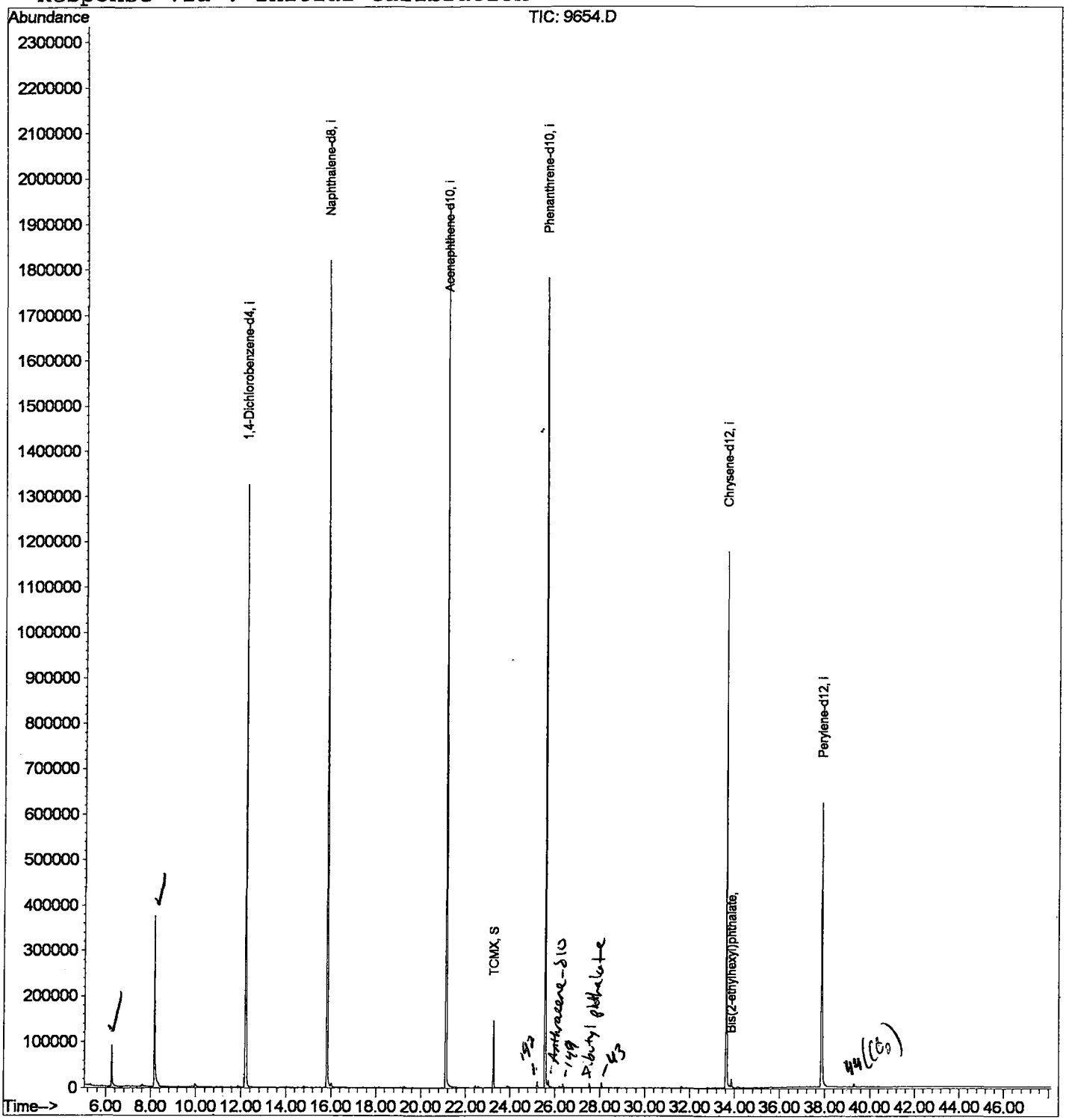
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.57	178	316	N.D.	
36) Di-n-butylphthalate	27.55	149	11134	N.D.	
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.64	228	2149	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.86	149	13576	0.63 ug/l	100
43) Chrysene	33.64	228	2149	N.D.	
45) Di-n-Octylphthalate	35.62	149	2761	N.D.	
46) Benzo(b)fluoranthene	36.69	252	610	N.D.	
47) Benzo(k)fluoranthene	36.69	252	1326	N.D.	
48) Benzo(a)pyrene	37.66	252	195	N.D.	
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9654.D Vial: 12
Acq On : 7 May 2002 3:04 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:49 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9654.D Vial: 12
Acq On : 7 May 2002 3:04 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

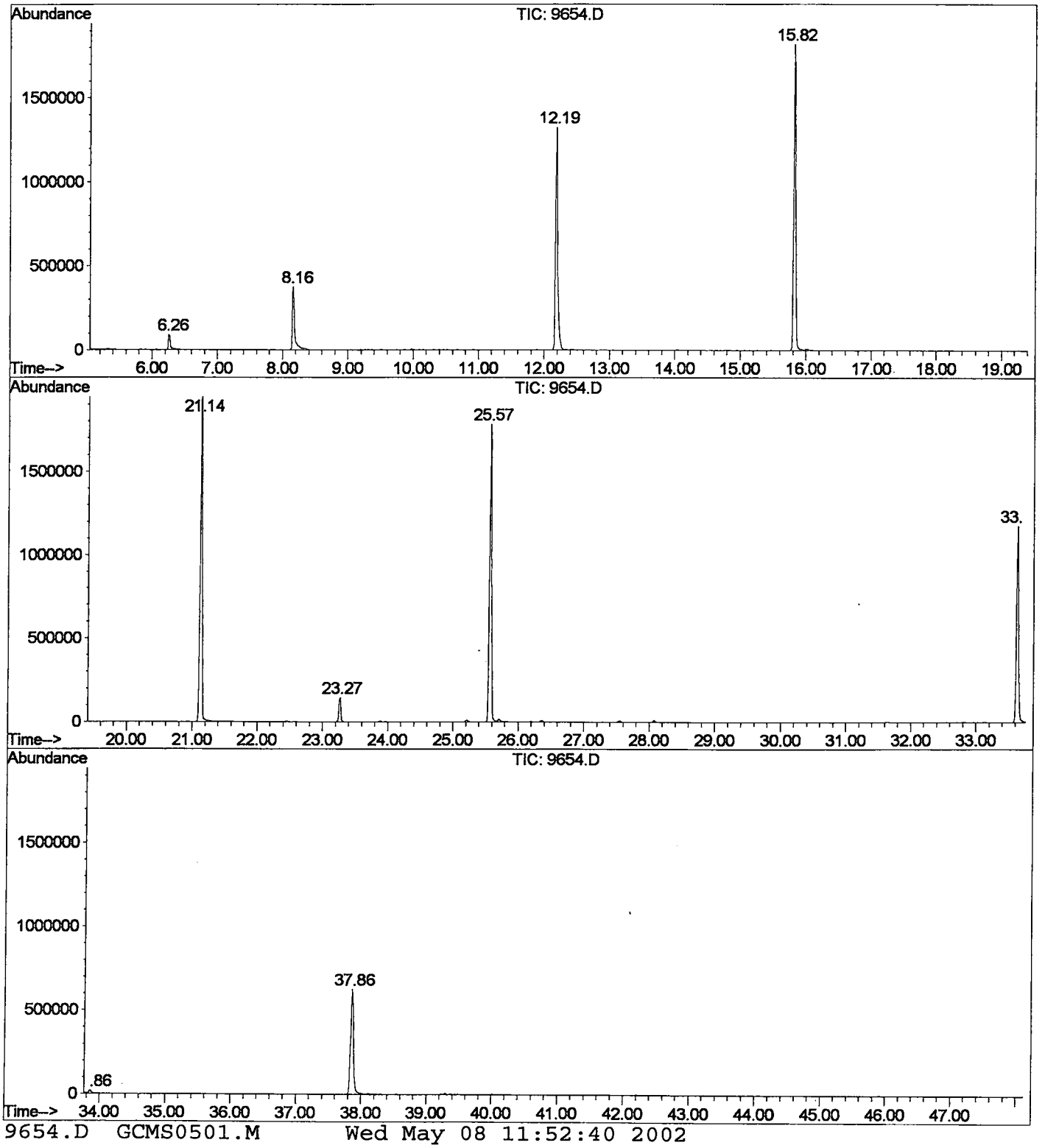
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.257	129	133	155	rBV	89320	196735	4.64%	0.937%
2	8.163	337	341	357	rBV	372717	859494	20.27%	4.093%
3	12.195	775	781	797	rBV	1324014	3007215	70.93%	14.320%
4	15.824	1171	1177	1194	rBV	1818836	3816386	90.01%	18.173%
5	21.139	1750	1757	1775	rBV	1943998	4239757	100.00%	20.189%
6	23.274	1983	1990	1998	rVB	144701	290701	6.86%	1.384%
7	25.574	2234	2241	2252	rBV2	1780645	3955089	93.29%	18.834%
8	33.638	3114	3121	3134	rBV2	1177096	2681740	63.25%	12.770%
9	33.858	3141	3145	3156	rVB	19160	52583	1.24%	0.250%
10	37.862	3574	3582	3610	rBV2	621571	1900213	44.82%	9.049%

Sum of corrected areas: 20999913

9654.D GCMS0501.M Wed May 08 11:52:39 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\9654.D
Operator :
Acquired : 7 May 2002 3:04 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/24
Misc Info :
Vial Number: 12
Quant File :GCMS0501.RES (RTE Integrator)



9654.D GCMS0501.M Wed May 08 11:52:40 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9654.D Vial: 12
Acq On : 7 May 2002 3:04 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

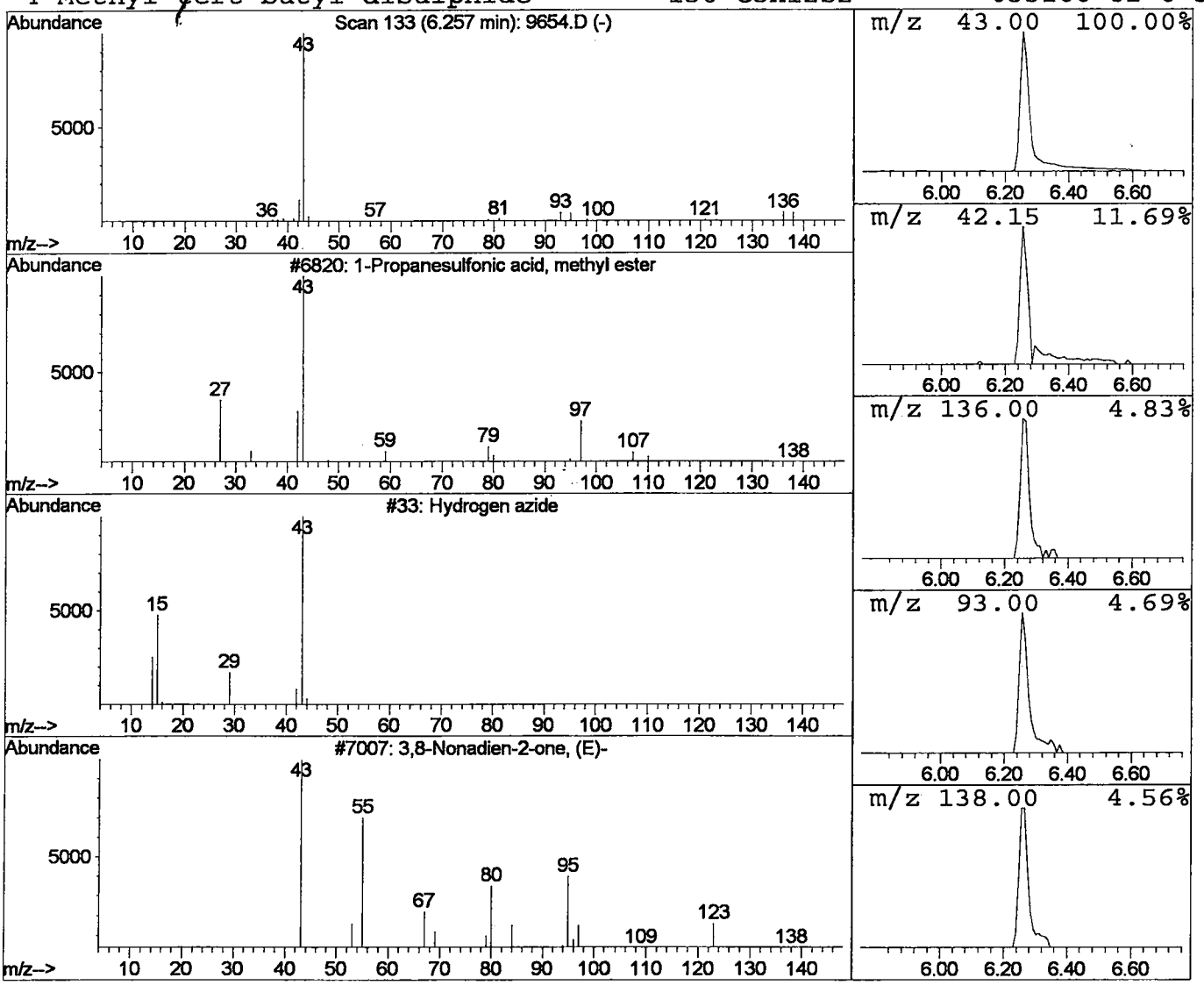
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Propanesulfonic acid, methyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.26	2.62 ug/l	196735	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanesulfonic acid, methyl este	138	C4H10O3S	002697-50-9	4
2	Hydrogen azide	43	HN3	007782-79-8	4
3	3,8-Nonadien-2-one, (E)-	138	C9H14O	055282-90-1	3
4	Methyl tert-butyl disulphide	136	C5H12S2	035166-82-6	3



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9654.D Vial: 12
Acq On : 7 May 2002 3:04 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

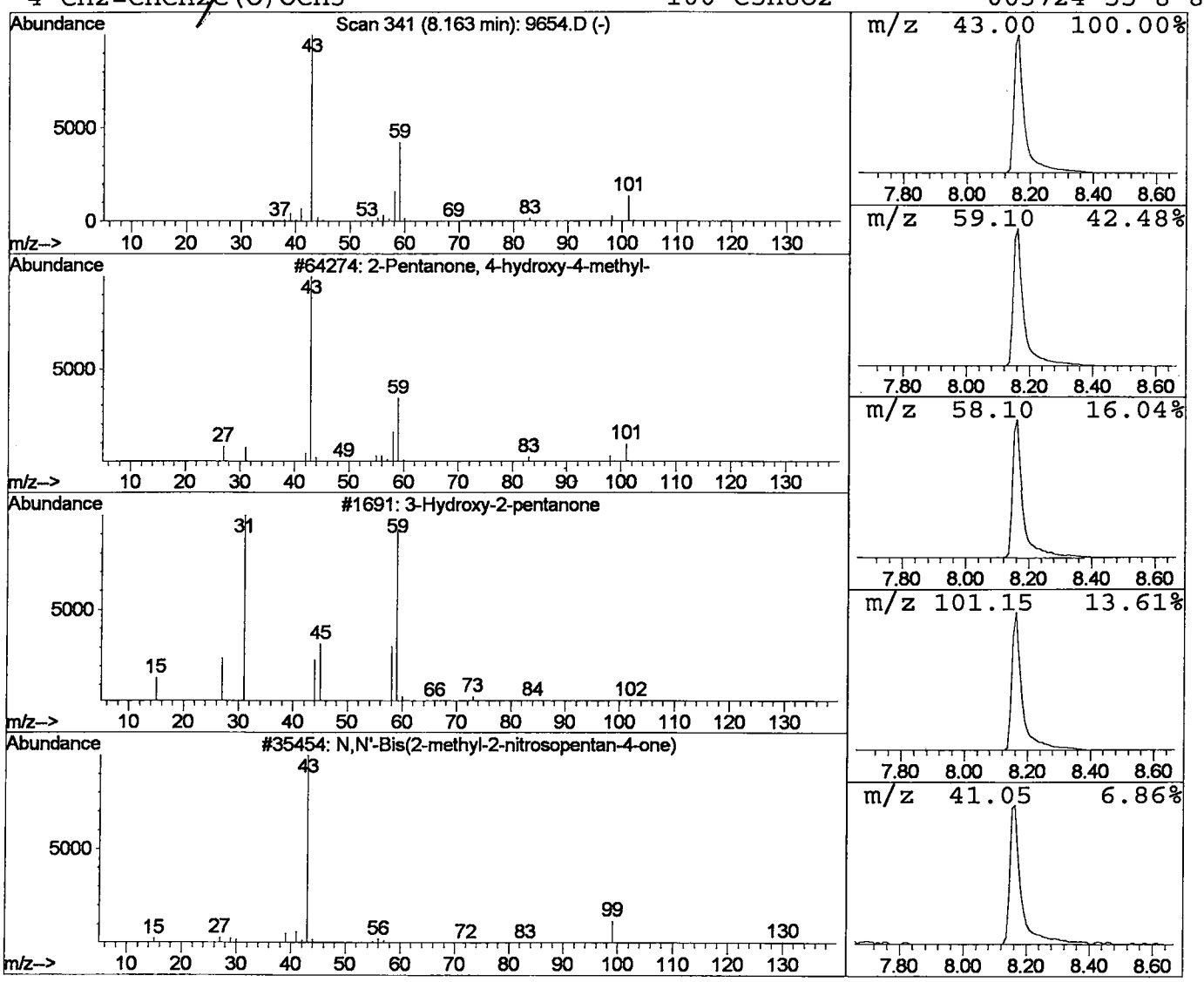
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	11.43 ug/l	859494	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	8



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 7 May 2002 3:04 am
Data File: C:\HPCHEM\1\DATA\MAY0602\9654.D
Name: GC/MS SCAN 4/24
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
1-Propanesulfonic ac	6.26	2.6	ug/l	196735	ISTD01	12.20	3007220	40.0
2-Pentanone, 4-hydro	8.16	11.4	ug/l	859494	ISTD01	12.20	3007220	40.0

9654.D GCMS0501.M Wed May 08 11:52:42 2002

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\9673.D Vial: 13
Acq On : 7 May 2002 4:03 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 14:01 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	579385	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2109432	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	1149950	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1637522	40.00	ug/l	-0.01
38) Chrysene-d12	33.64	240	1019713	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	625930m	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	32813	5.86	ug/L	-0.02
Spiked Amount 10.000			Recovery = 58.60%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.88	128	635	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.41	165	172	N.D.		
25) Diethylphthalate	22.61	149	737	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.57	178	363	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\9673.D Vial: 13
Acq On : 7 May 2002 4:03 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 14:01 2002 Quant Results File: GCMS0501.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

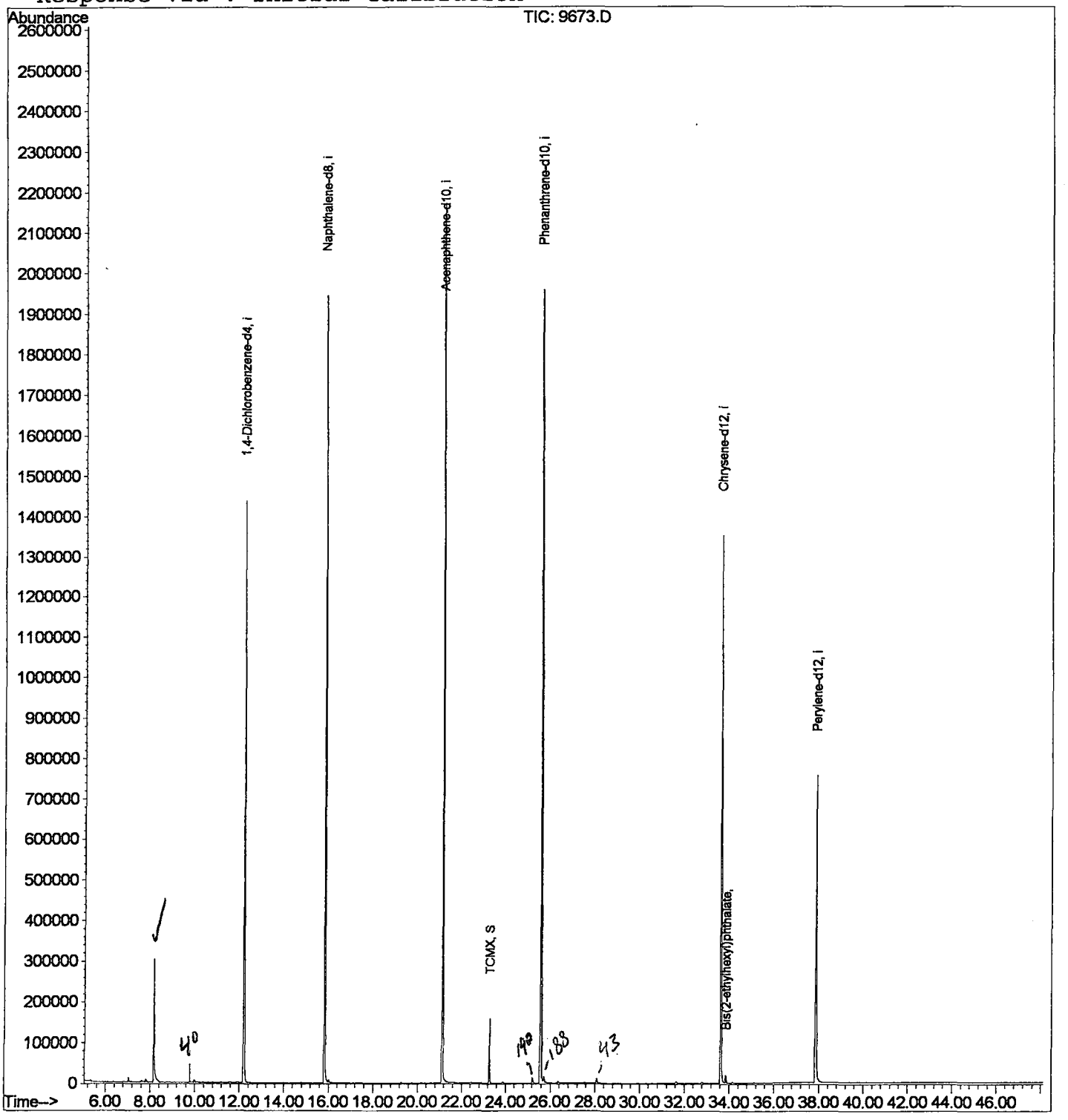
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.57	178	363	N.D.	
36)	Di-n-butylphthalate	27.55	149	3470	N.D.	
37)	Fluoranthene	29.27	202	340	N.D.	
39)	Pyrene	29.94	202	470	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	2486	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	13006	0.53 ug/l	98
43)	Chrysene	33.64	228	2386	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.75	252	417	N.D.	
47)	Benzo(k)fluoranthene	36.75	252	417	N.D.	
48)	Benzo(a)pyrene	37.68	252	265	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9673.D Vial: 13
Acq On : 7 May 2002 4:03 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 14:01 2002 Quant Results File: GCMS0501.RES

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9673.D Vial: 13
Acq On : 7 May 2002 4:03 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Signal : TIC

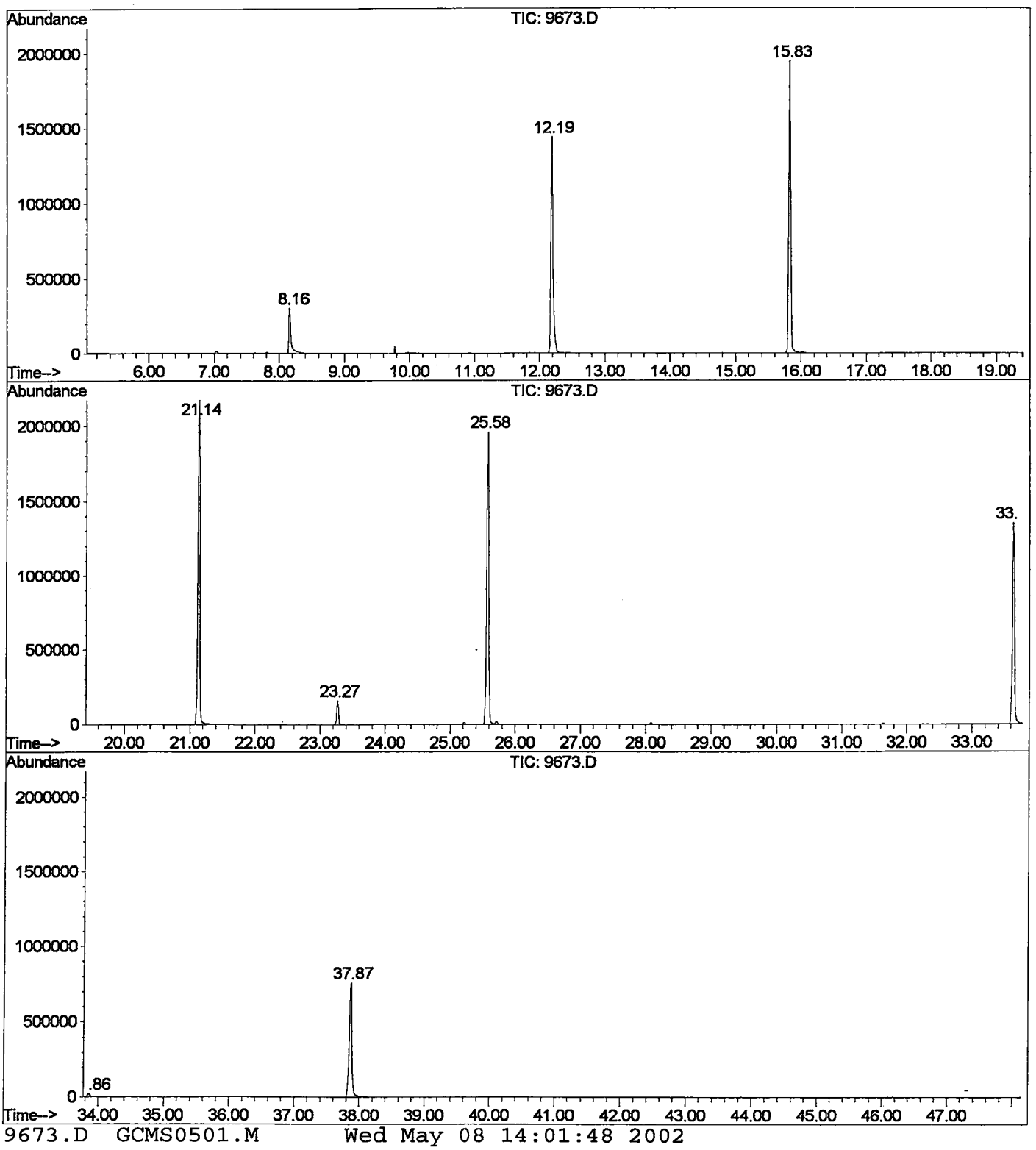
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.163	337	341	361	rBV	301708	708229	15.28%	3.101%
2	12.195	775	781	798	rBV	1437658	3295114	71.08%	14.430%
3	15.832	1171	1178	1195	rBV	1943821	4176228	90.08%	18.289%
4	21.138	1750	1757	1773	rBV	2171282	4635890	100.00%	20.301%
5	23.273	1983	1990	1996	rBV	157528	311443	6.72%	1.364%
6	25.583	2234	2242	2253	rBV2	1958379	4394070	94.78%	19.242%
7	33.637	3114	3121	3137	rBV2	1351545	3041974	65.62%	13.321%
8	33.857	3141	3145	3156	rVB	19663	50623	1.09%	0.222%
9	37.871	3572	3583	3603	rBV	753760	2221682	47.92%	9.729%

Sum of corrected areas: 22835253

9673.D GCMS0501.M Wed May 08 14:01:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\9673.D
Operator :
Acquired : 7 May 2002 4:03 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/24
Misc Info :
Vial Number: 13
Quant File :GCMS0501.RES (RTE Integrator)



9673.D GCMS0501.M Wed May 08 14:01:48 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9673.D Vial: 13
Acq On : 7 May 2002 4:03 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	8.60 ug/l	708229	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Propanenitrile, 3-ethoxy-	99	C5H9NO	002141-62-0	7
4	Acetone	58	C3H6O	000067-64-1	7