Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\9676.D Vial: 19
Acq On : 7 May 2002 9:55 am Operator:
Sample : GC/MS SCAN 4/25 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 8:46 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	682824	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2492011	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	1363838	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1911134	40.00	ug/l	-0.02
38) Chrysene-d12	33.63	240	1069378	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	647102	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	35771	5.39	ug/L	-0.02
Spiked Amount 10.000			Recovery = 53.90%			
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	12.10	146	203	N.D.		
5) 1,4-Dichlorobenzene	12.10	146	203	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	15.72	180	103	N.D.		
15) Naphthalene	15.88	128	575	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.		
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	476	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	25.63	178	504	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\9676.D Vial: 19
Acq On : 7 May 2002 9:55 am Operator:
Sample : GC/MS SCAN 4/25 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 8:46 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

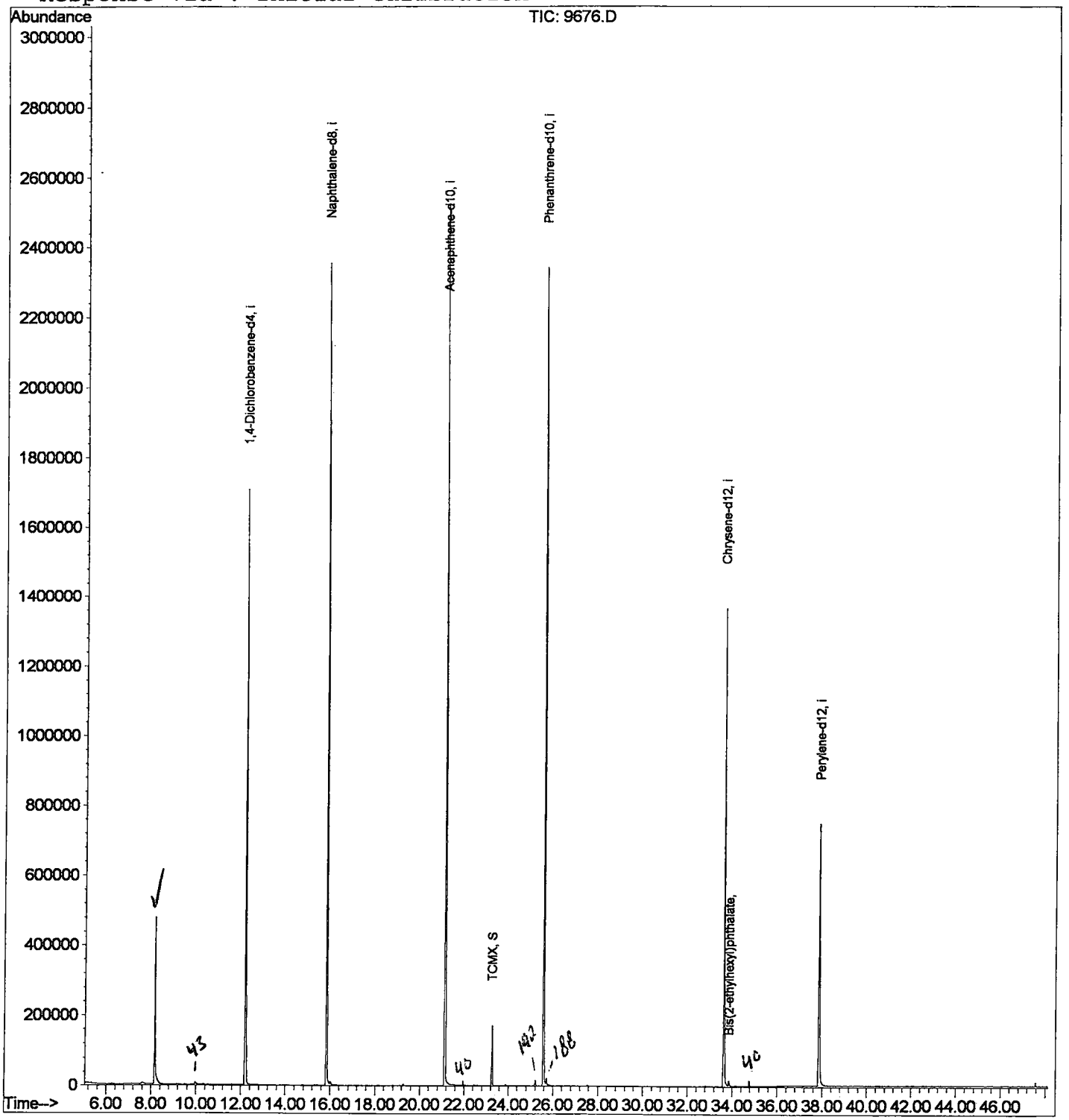
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.63	178	504	N.D.	
36)	Di-n-butylphthalate	27.55	149	3891	N.D.	
37)	Fluoranthene	29.27	202	294	N.D.	
39)	Pyrene	29.94	202	211	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	2961	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	10167	0.40 ug/l	99
43)	Chrysene	33.72	228	631	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.68	252	461	N.D.	
47)	Benzo(k)fluoranthene	36.75	252	882	N.D.	
48)	Benzo(a)pyrene	37.87	252	2647	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\9676.D Vial: 19
Acq On : 7 May 2002 9:55 am Operator:
Sample : GC/MS SCAN 4/25 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 8:46 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\9676.D Vial: 19
Acq On : 7 May 2002 9:55 am Operator:
Sample : GC/MS SCAN 4/25 FB 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

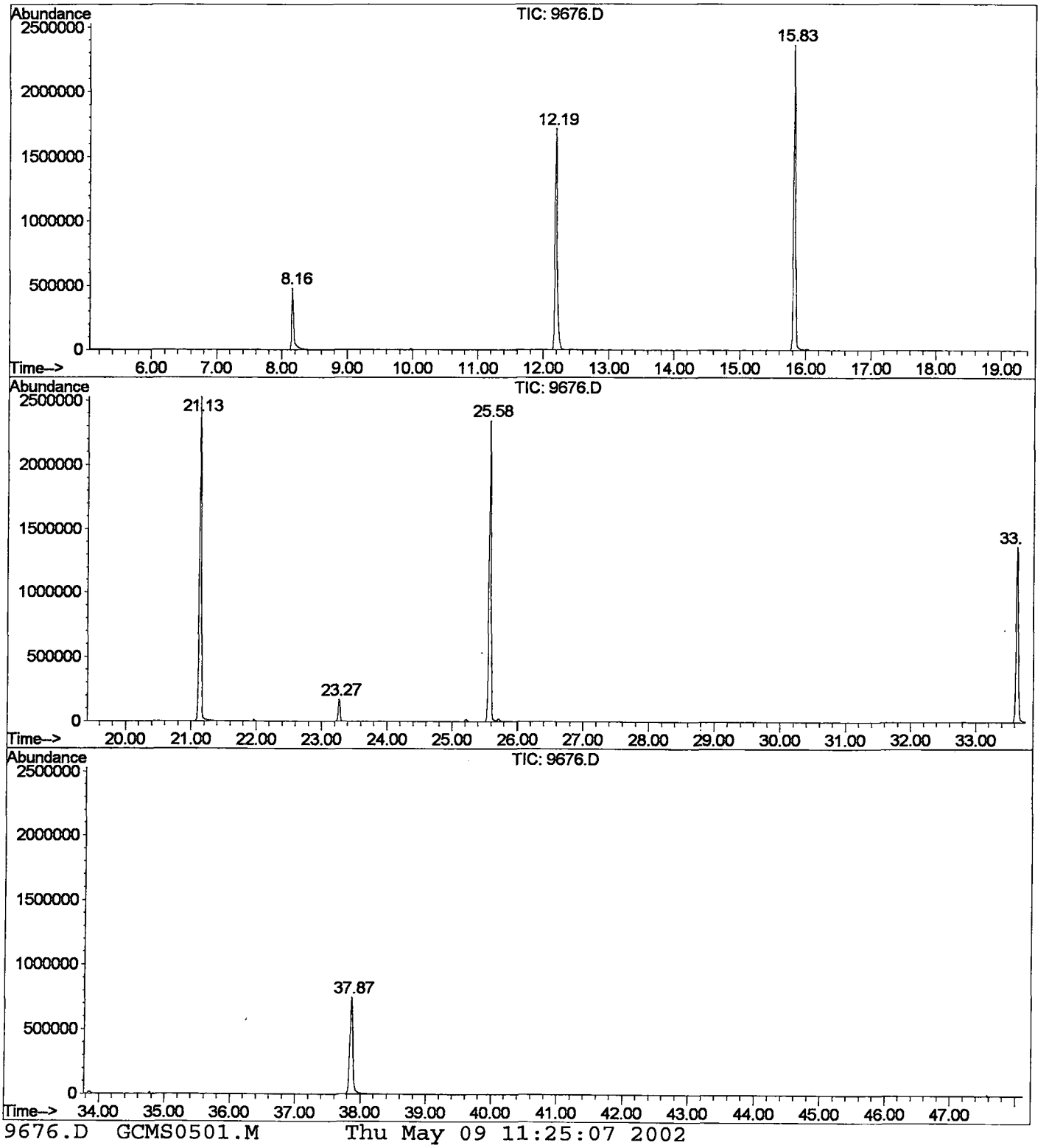
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.158	336	340	369	rBV	476660	1048710	19.18%	4.004%
2	12.190	774	780	796	rBV	1707964	3888529	71.13%	14.848%
3	15.828	1170	1177	1193	rBV	2356081	4911715	89.85%	18.755%
4	21.134	1749	1756	1779	rBV	2525623	5466871	100.00%	20.874%
5	23.269	1982	1989	1995	rBV	170043	340791	6.23%	1.301%
6	25.578	2233	2241	2252	rBV2	2342237	5073318	92.80%	19.372%
7	33.633	3113	3120	3139	rBV2	1369030	3205941	58.64%	12.241%
8	37.866	3573	3582	3600	rBV2	745070	2253472	41.22%	8.605%

Sum of corrected areas: 26189347

9676.D GCMS0501.M Thu May 09 11:25:06 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\9676.D
Operator :
Acquired : 7 May 2002 9:55 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/25 FB
Misc Info :
Vial Number: 19
Quant File :GCMS0501.RES (RTE Integrator)



9676.D GCMS0501.M Thu May 09 11:25:07 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9676.D Vial: 19
Acq On : 7 May 2002 9:55 am Operator:
Sample : GC/MS SCAN 4/25 FB Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

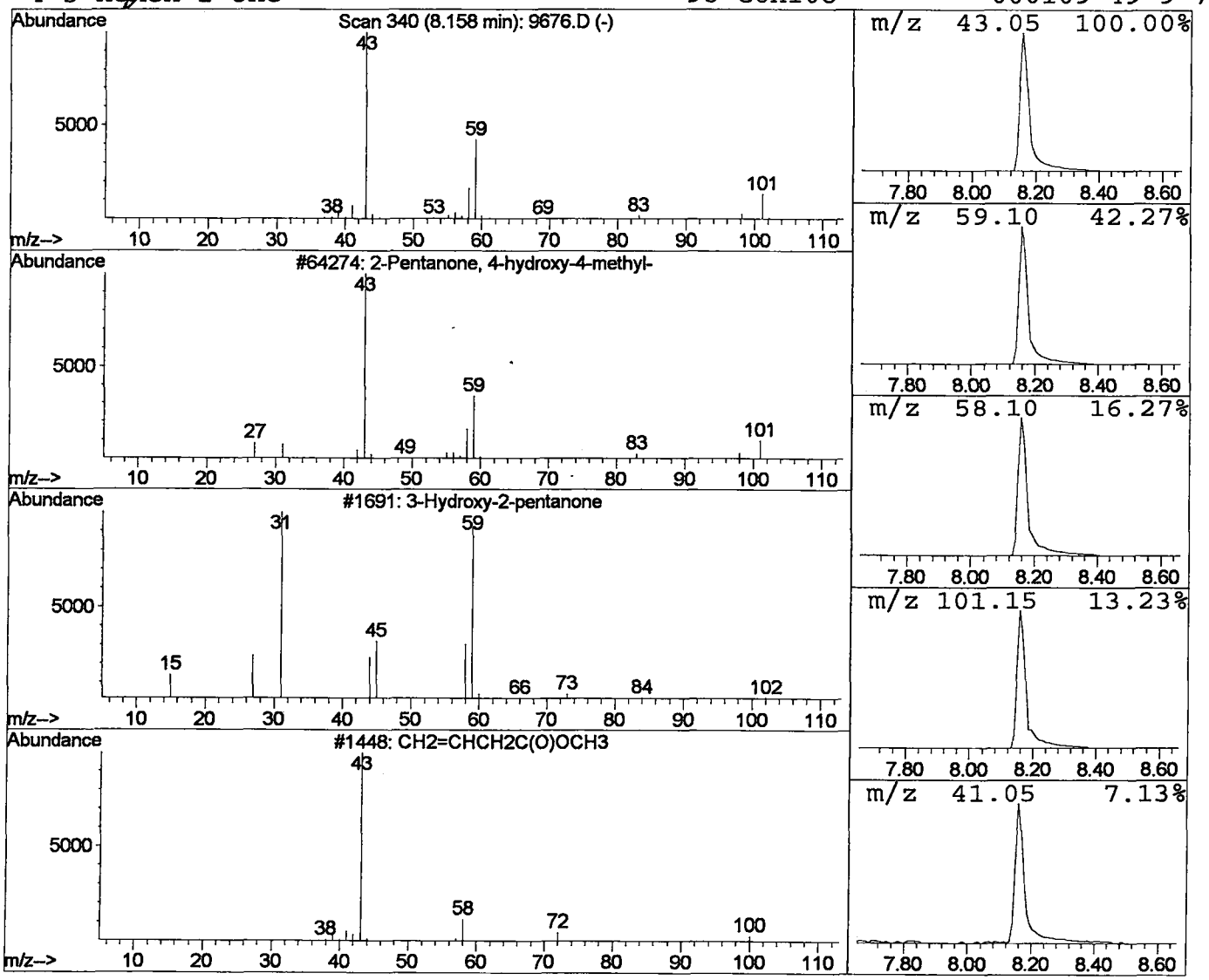
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	10.79 ug/l	1048710	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	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 7 May 2002 9:55 am
Data File: C:\HPCHEM\1\DATA\MAY0602\9676.D
Name: GC/MS SCAN 4/25 FB
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
2-Pentanone, 4-hydro	8.16	10.8	ug/l	1048710	ISTD01	12.19	3888530	40.0

9676.D GCMS0501.M Thu May 09 11:25:08 2002

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/23/2002 Time: 15:40:47

Sample: AE09680
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/23/02 15:40 Ended: 5/23/02 15:40 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		90		10.0

Comments for Sample AE09680 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-23-2002 Time: 15:40:58

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.
This sample was extracted twice because of low Surrogate Standard recovery the first time.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\9680.D Vial: 9
Acq On : 20 May 2002 3:03 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:24 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

re-printed

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.15	152	318355	40.00	ug/l	0.00
10) Naphthalene-d8	15.77	136	1273912	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.08	164	594740	40.00	ug/l	0.00
30) Phenanthrene-d10	25.52	188	780460	40.00	ug/l	0.00
38) Chrysene-d12	33.58	240	428342	40.00	ug/l	-0.03
44) Perylene-d12	37.79	264	258184	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.22	209	107868	36.09	ug/L	0.00
Spiked Amount 40.000			Recovery = 90.23%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-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	0.00	149	0	N.D.		
26) 4-Chlorophenylphenylether	23.22	204	451	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	0.00	178	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2002\9680.D Vial: 9
Acq On : 20 May 2002 3:03 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:24 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0520

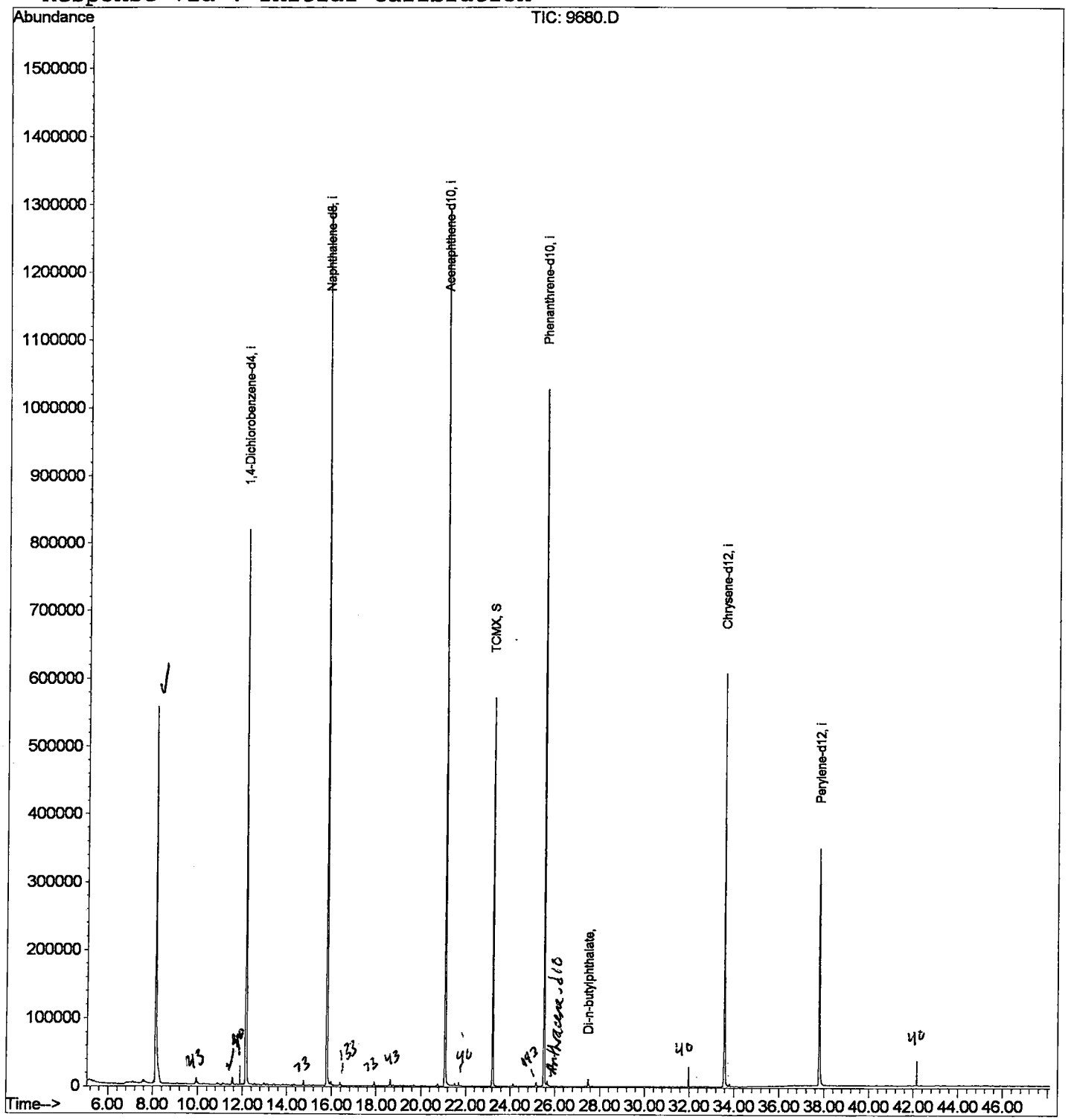
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.50	149	12067	0.47 ug/l	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.58	228	1981	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.81	149	2430	N.D.	
43)	Chrysene	33.64	228	1742	N.D.	
45)	Di-n-Octylphthalate	35.54	149	329	N.D.	
46)	Benzo(b)fluoranthene	36.62	252	1389	N.D.	
47)	Benzo(k)fluoranthene	36.69	252	1743	N.D.	
48)	Benzo(a)pyrene	37.60	252	549	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\MAY2002\9680.D Vial: 9
Acq On : 20 May 2002 3:03 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 21 11:24 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9680.D Vial: 9
Acq On : 20 May 2002 3:03 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

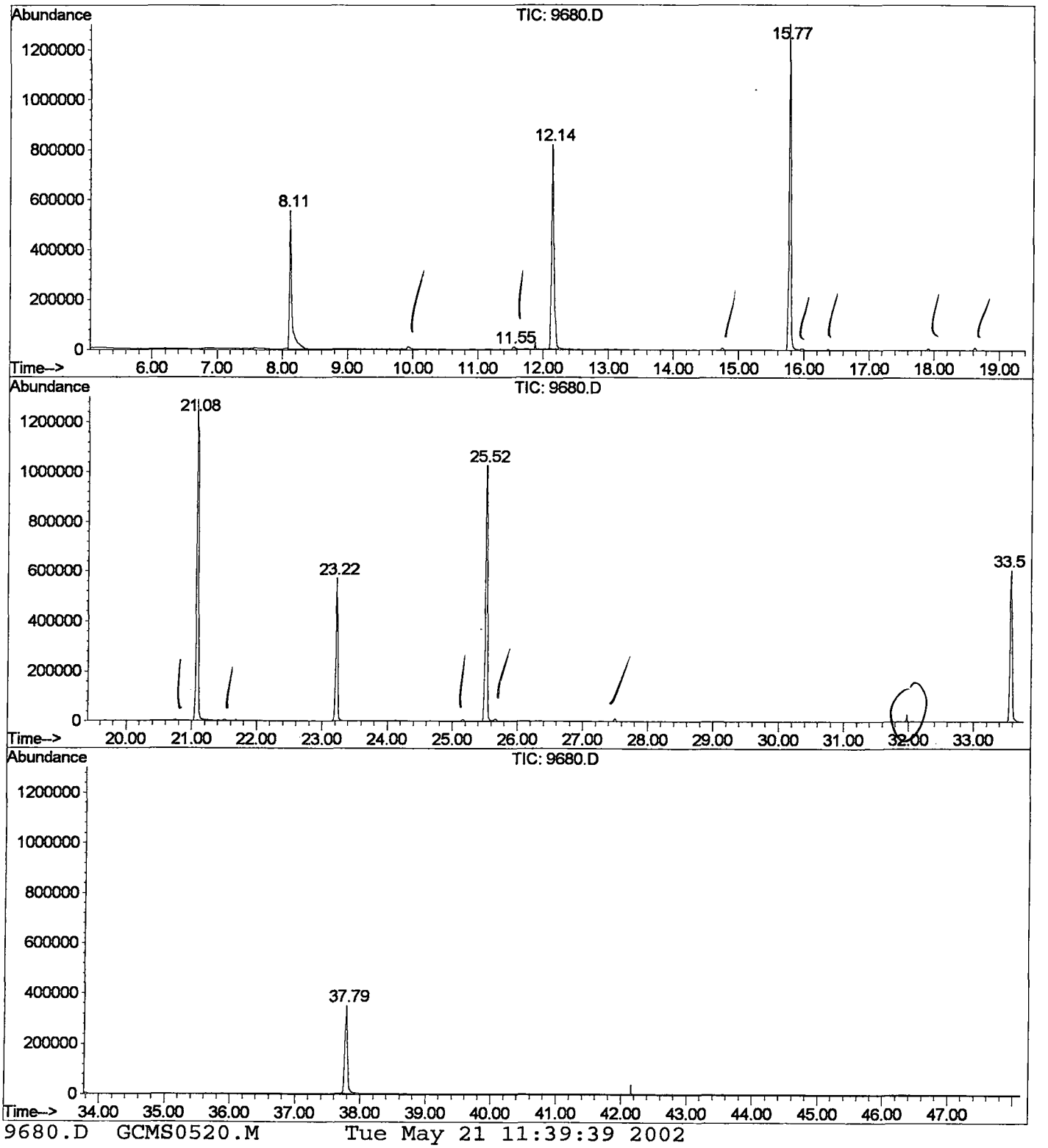
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.114	331	335	364	rVB	554052	1362614	51.38%	9.498%
2	11.550	704	710	719	rBV2	10499	28823	1.09%	0.201%
3	12.137	769	774	785	rBV	817056	2045610	77.14%	14.259%
4	15.774	1165	1171	1188	rBV	1299597	2651960	100.00%	18.486%
5	21.080	1744	1750	1766	rBV	1287829	2562383	96.62%	17.861%
6	23.224	1975	1984	1994	rBV	571220	1138895	42.95%	7.939%
7	25.525	2228	2235	2245	rBV2	1025796	2216589	83.58%	15.451%
8	33.579	3107	3114	3130	rBV	606929	1368604	51.61%	9.540%
9	37.785	3566	3573	3588	rBV	347690	970492	36.60%	6.765%

Sum of corrected areas: 14345970

9680.D GCMS0520.M Tue May 21 11:39:38 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2002\9680.D
Operator :
Acquired : 20 May 2002 3:03 pm using AcqMethod GCMS0520
Instrument : 209
Sample Name: EXTRACTED 5/9
Misc Info :
Vial Number: 9
Quant File :GCMS0520.RES (RTE Integrator)



9680.D GCMS0520.M Tue May 21 11:39:39 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9680.D Vial: 9
Acq On : 20 May 2002 3:03 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

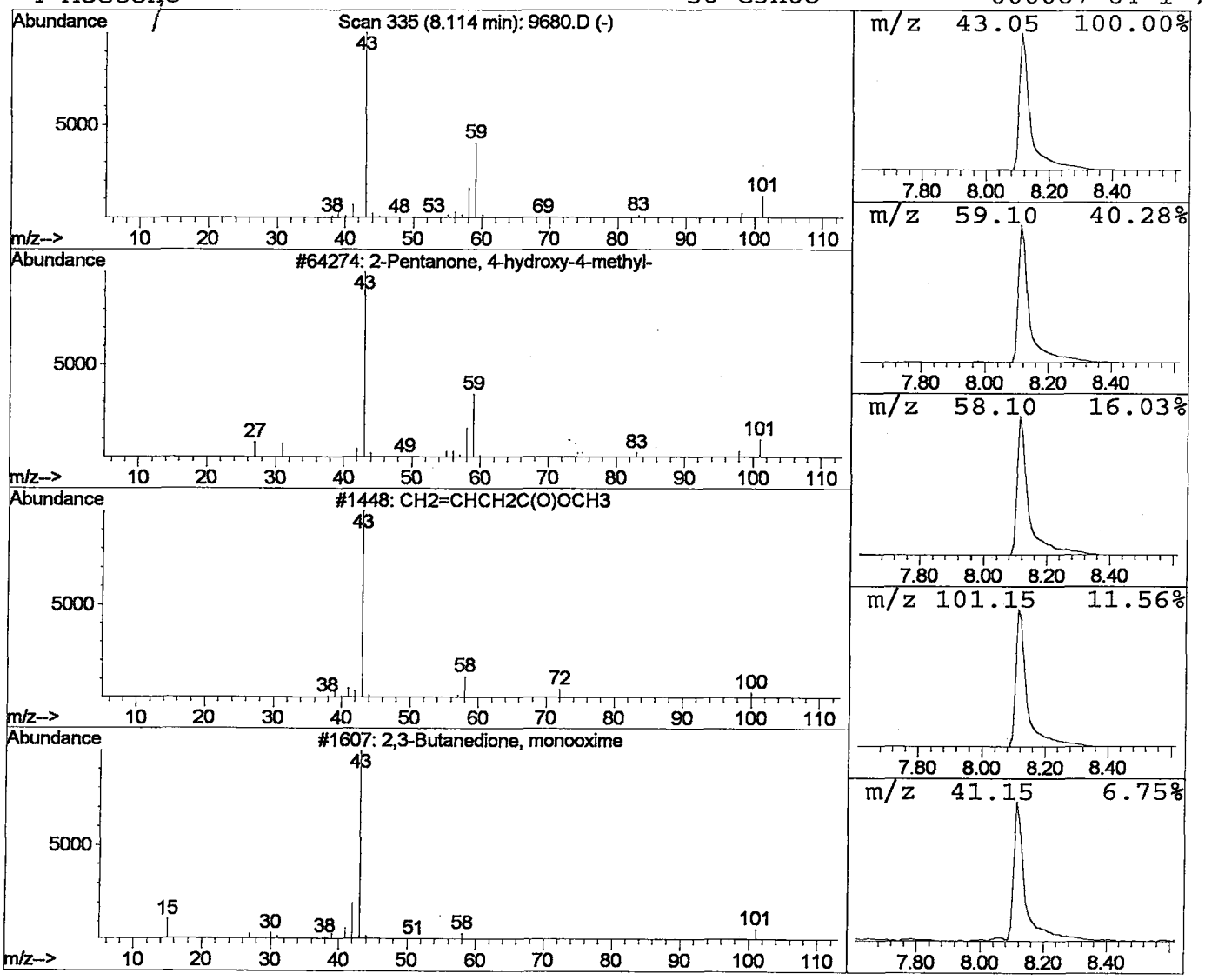
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	26.64 ug/l	1362610	1,4-Dichlorobenzene-d4	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	7
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2002\9680.D Vial: 9
Acq On : 20 May 2002 3:03 pm Operator:
Sample : EXTRACTED 5/9 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

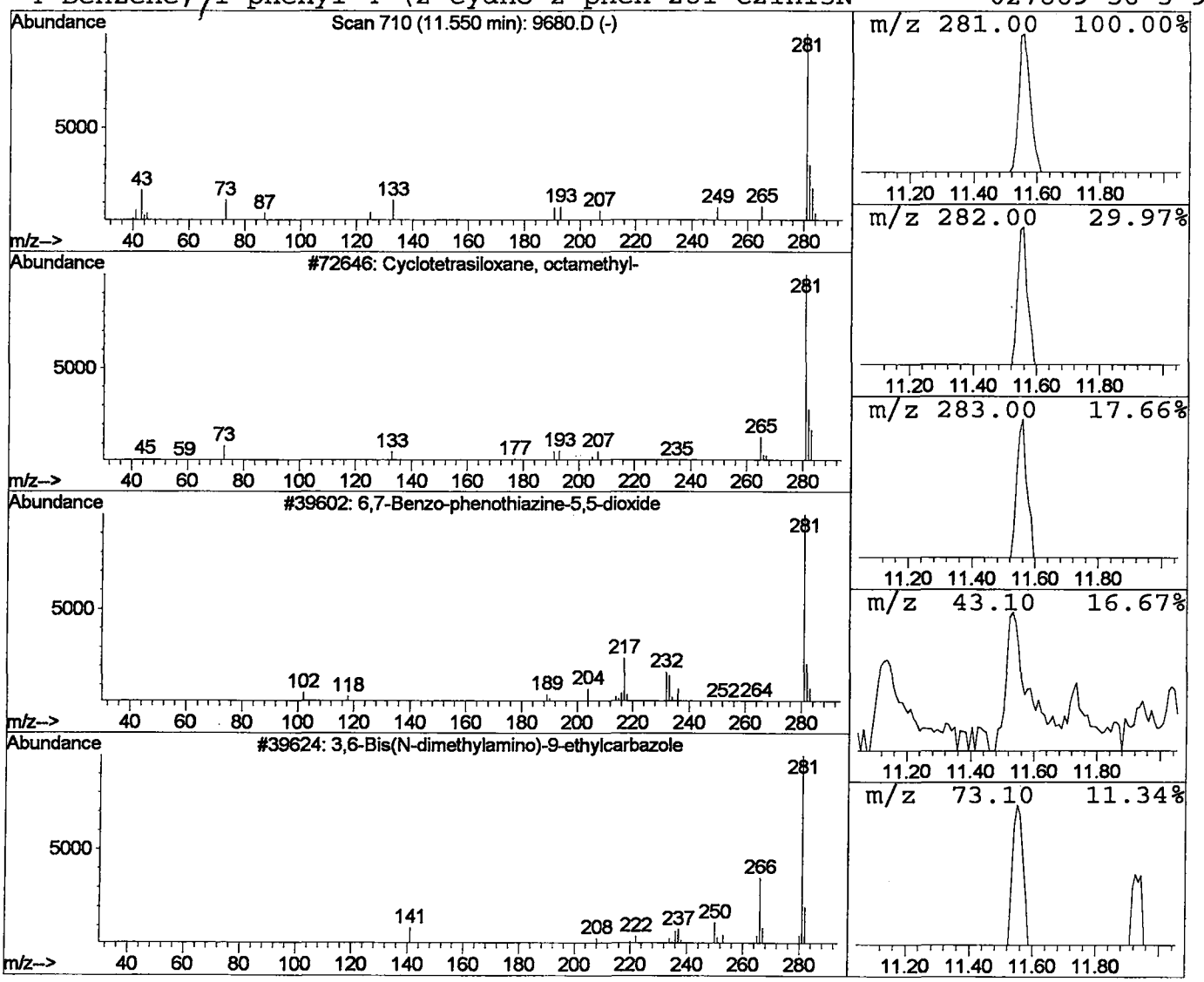
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.55	0.56 ug/l	28823	1,4-Dichlorobenzene-d4	12.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	64
2	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
3	3,6-Bis(N-dimethylamino)-9-ethylcar	281	C18H23N3	057103-04-5	9
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 20 May 2002 3:03 pm
Data File: C:\HPCHEM\1\DATA\MAY2002\9680.D
Name: EXTRACTED 5/9
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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
2-Pentanone, 4-hydro	8.11	26.6	ug/l	1362610	ISTD01	12.15	2045610	40.0
Cyclotetrasiloxane,	11.55	0.6	ug/l	28823	ISTD01	12.15	2045610	40.0

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