Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0602\9679.D Vial: 22
Acq On : 7 May 2002 12:51 pm Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:20 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	573989	40.00	ug/l	-0.02
10) Naphthalene-d8	15.82	136	2089741	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1139101	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.57	188	1559287	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	854670	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	510886	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.27	209	35690	6.44	ug/L	-0.02
Spiked Amount 10.000			Recovery = 64.40%			
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	14.54	82	110	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	781	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	20.66	152	216	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
25) Diethylphthalate	22.61	149	1125	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	25.64	178	546	N.D.		

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

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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	25.64	178	546	N.D.	
36)	Di-n-butylphthalate	27.55	149	2185	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	1908	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	3254	N.D.	
43)	Chrysene	33.64	228	1908	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.86	252	1918	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

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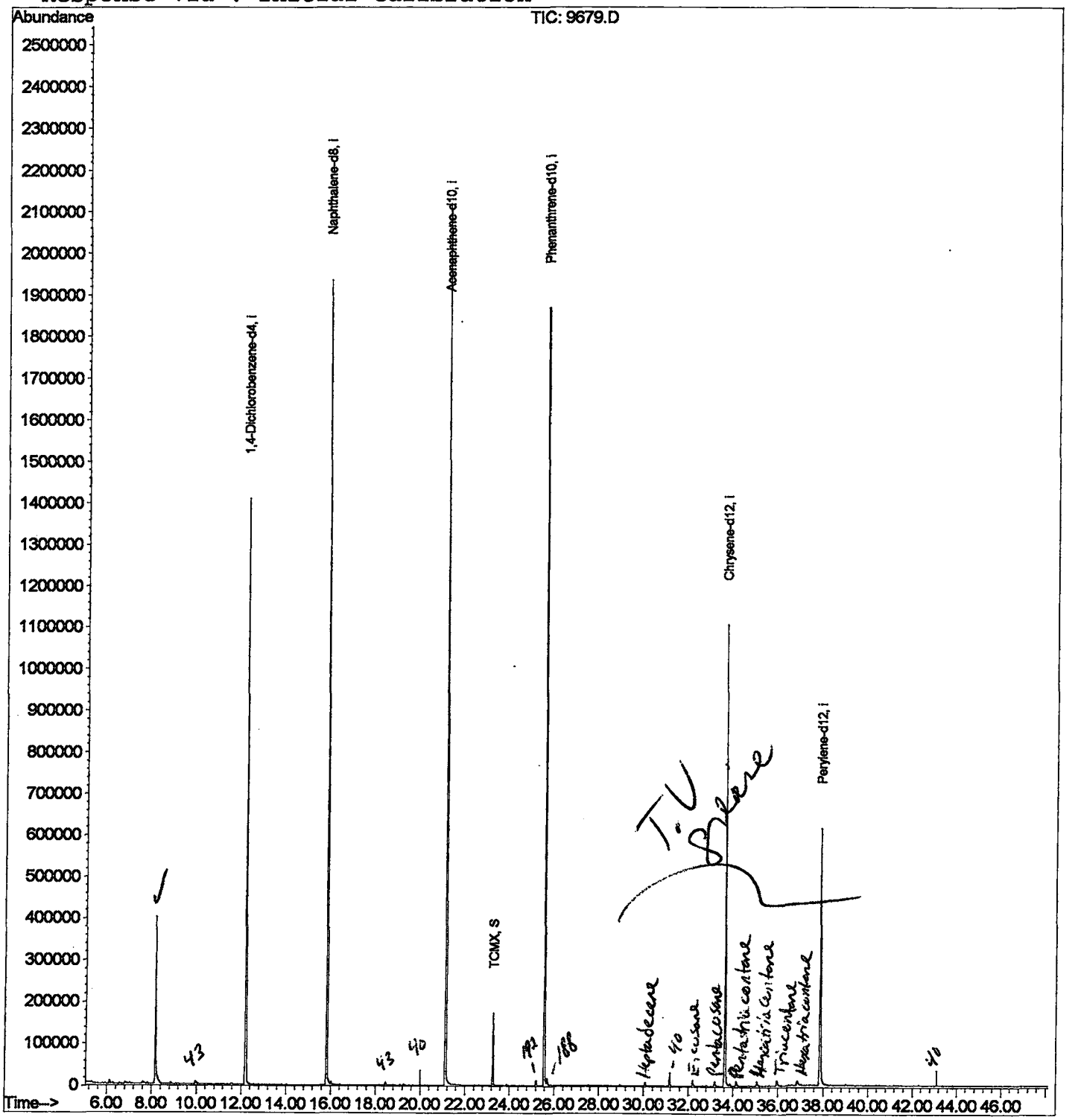
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 9:20 2002 Quant Results File: GCMS0501.RES

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\9679.D Vial: 22
Acq On : 7 May 2002 12:51 pm Operator:
Sample : GC/MS SCAN 4/25 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

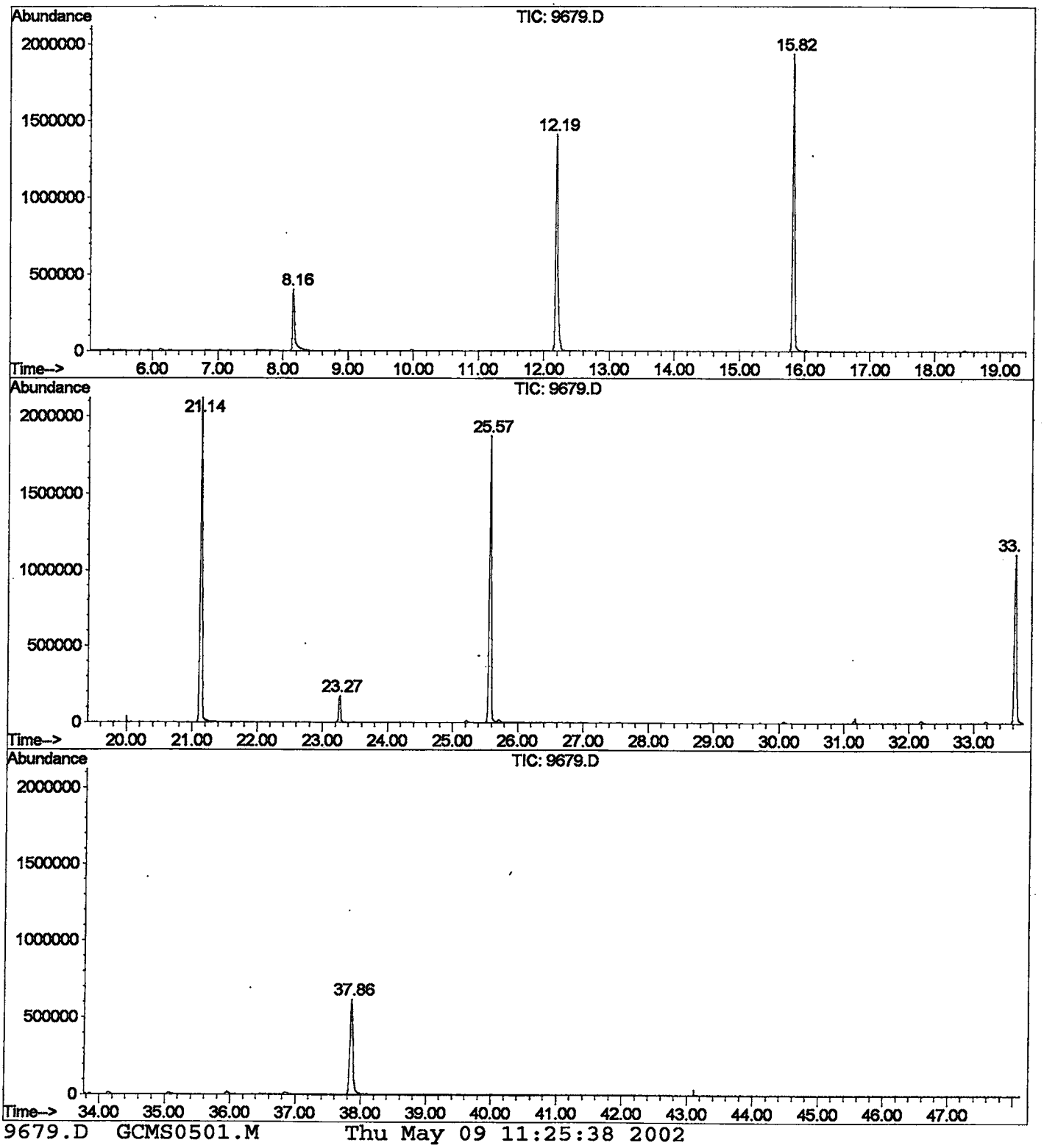
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.162	337	341	373	rVB	400818	943856	20.80%	4.351%
2	12.194	775	781	797	rBV	1408380	3249309	71.62%	14.978%
3	15.823	1171	1177	1195	rBV	1935499	4115108	90.71%	18.969%
4	21.138	1750	1757	1772	rBV	2118374	4536799	100.00%	20.913%
5	23.273	1981	1990	1997	rVB	172636	340549	7.51%	1.570%
6	25.573	2234	2241	2252	rBV2	1868812	4152120	91.52%	19.140%
7	33.637	3113	3121	3139	rBV2	1107145	2544481	56.09%	11.729%
8	37.861	3573	3582	3600	rBV2	614002	1811379	39.93%	8.350%

Sum of corrected areas: 21693601

9679.D GCMS0501.M Thu May 09 11:25:37 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\9679.D
Operator :
Acquired : 7 May 2002 12:51 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/25
Misc Info :
Vial Number: 22
Quant File :GCMS0501.RES (RTE Integrator)



9679.D GCMS0501.M Thu May 09 11:25:38 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0602\9679.D Vial: 22
Acq On : 7 May 2002 12:51 pm Operator:
Sample : GC/MS SCAN 4/25 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

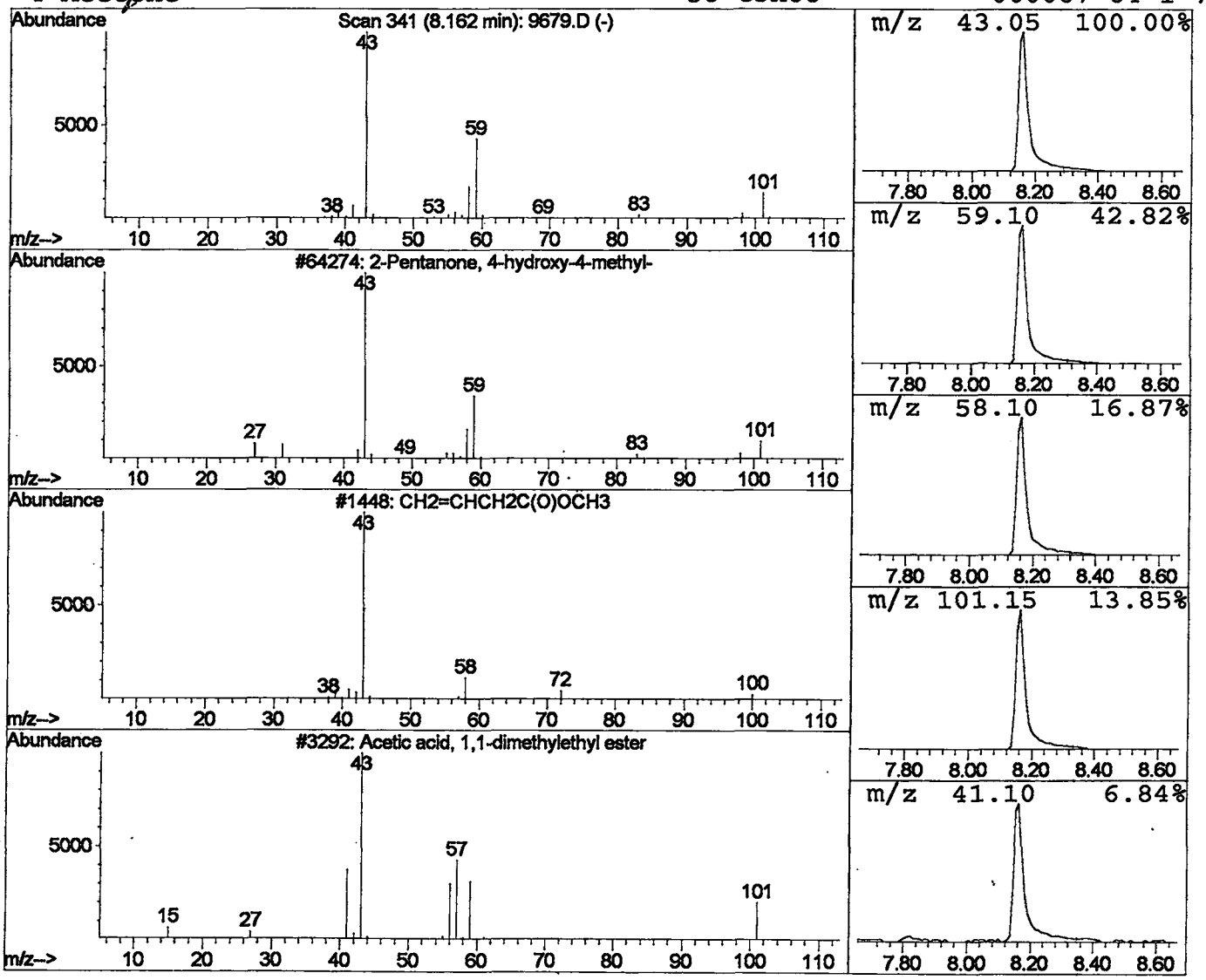
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	11.62 ug/l	943856	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	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
4	Acetone	58	C3H6O	000067-64-1	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 7 May 2002 12:51 pm
Data File: C:\HPCHEM\1\DATA\MAY0602\9679.D
Name: GC/MS SCAN 4/25
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	11.6	ug/l	943856	ISTD01	12.19	3249310	40.0

9679.D GCMS0501.M Thu May 09 11:25:39 2002