User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/16/2002 Time: 15:22:40

Sample: AE07000
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/16/02 15:22 Ended: 4/16/02 15:22 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		112		5.0

Comments for Sample AE07000 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-16-2002 Time: 15:22:54

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 4 of the 43 compounds in the LCS Standard were high.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\APR0405\7000.D Vial: 28
Acq On : 7 Apr 2002 12:28 am Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 15 14:41 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	439536	20.00	ug/l	-0.01
10) Naphthalene-d8	15.89	136	1611097	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.18	164	918517	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.63	188	1244099	20.00	ug/l	-0.03
39) Chrysene-d12	33.69	240	559604	20.00	ug/l	-0.03
45) Perylene-d12	37.93	264	293305	20.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.33	209	27595	11.15	ug/mL	0.00
Spiked Amount 10.000			Recovery = 111.50%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	14.93	82	207	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	15.94	128	441	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	22.67	149	355	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.		

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

Data File : C:\HPCHEM\1\DATA\APR0405\7000.D Vial: 28
Acq On : 7 Apr 2002 12:28 am Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 15 14:41 2002 Quant Results File: GCMS0408.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0403

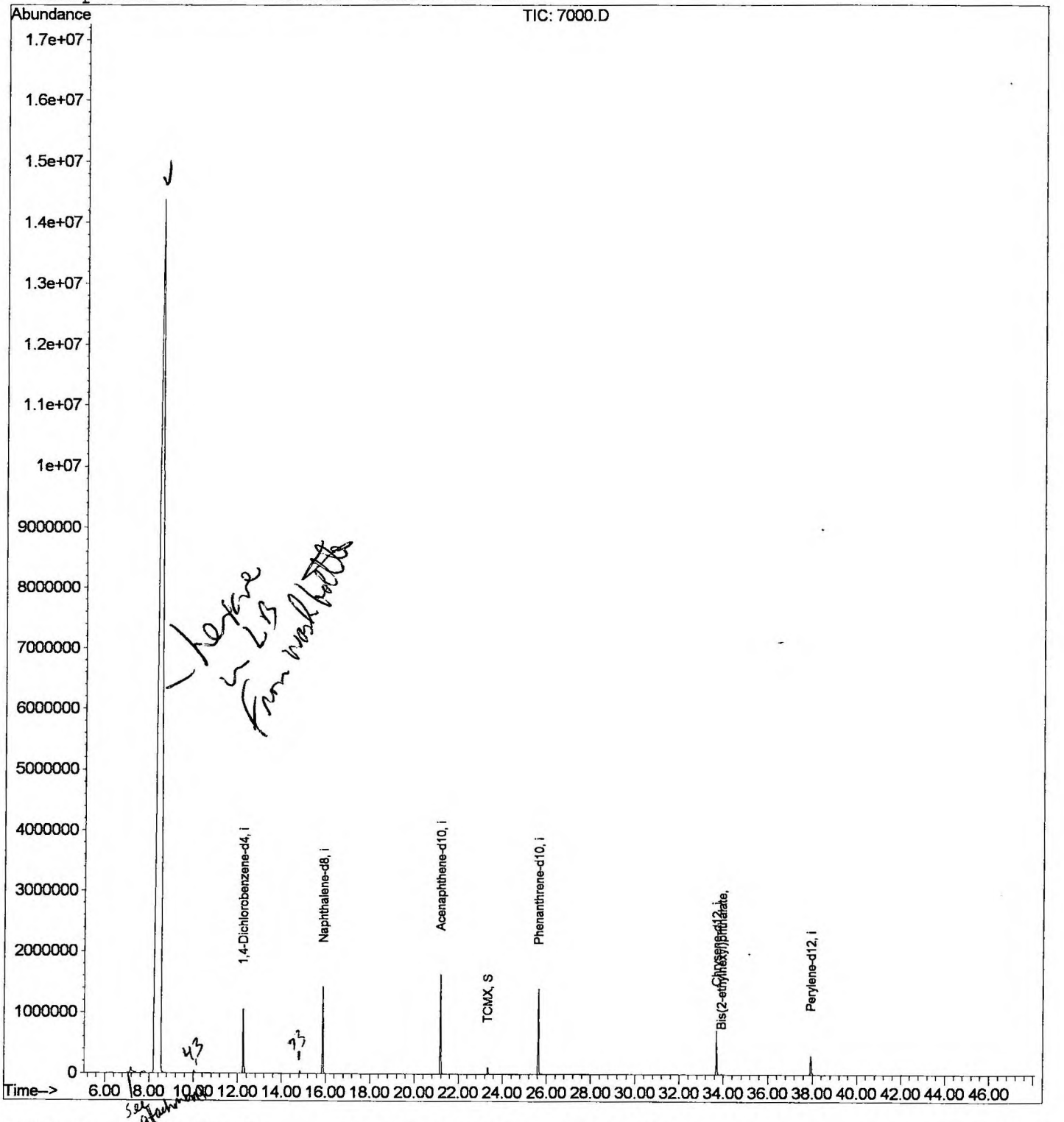
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	0.00	178	0	N.D.	
35)	Anthracene	0.00	178	0	N.D.	
36)	Di-n-butylphthalate	27.60	149	1979	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.69	228	1201	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.91	149	11149	1.35 ug/l	98
44)	Chrysene	33.69	228	1201	N.D.	
46)	Di-n-Octylphthalate	0.00	149	0	N.D.	
47)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
49)	Benzo(a)pyrene	37.94	252	1036	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

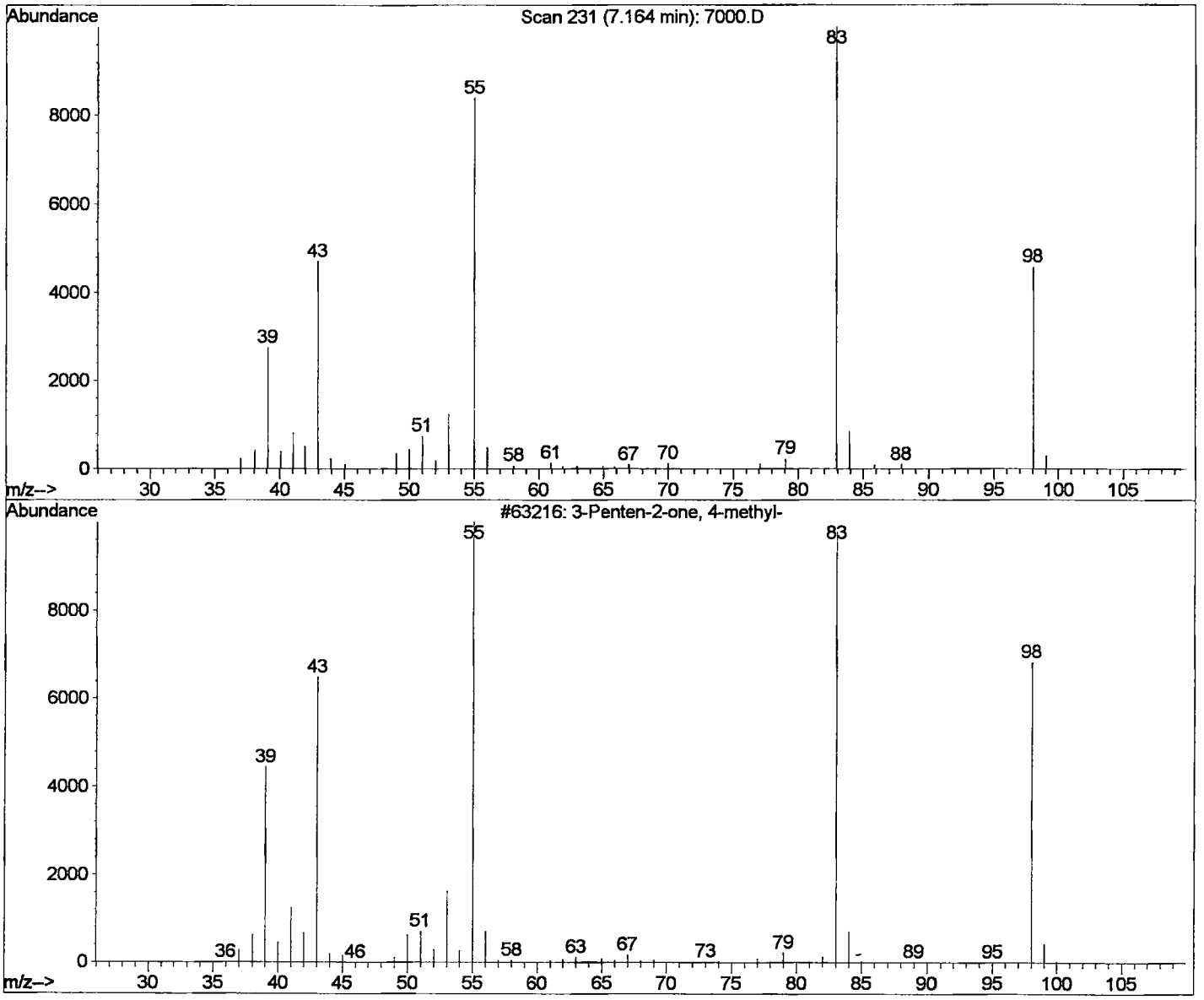
Quantitation Report

Data File : C:\HPCHEM\1\DATA\APR0405\7000.D Vial: 28
Acq On : 7 Apr 2002 12:28 am Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: GOOFY.P
Quant Time: Apr 15 14:41 2002 Quant Results File: GCMS0408.RES

Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Apr 15 14:10:52 2002
Response via : Initial Calibration



Library Searched : C:\DATABASE\nbs75k.l
Quality : 92
ID : 3-Penten-2-one, 4-methyl-



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR0405\7000.D Vial: 28
Acq On : 7 Apr 2002 12:28 am Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0408.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

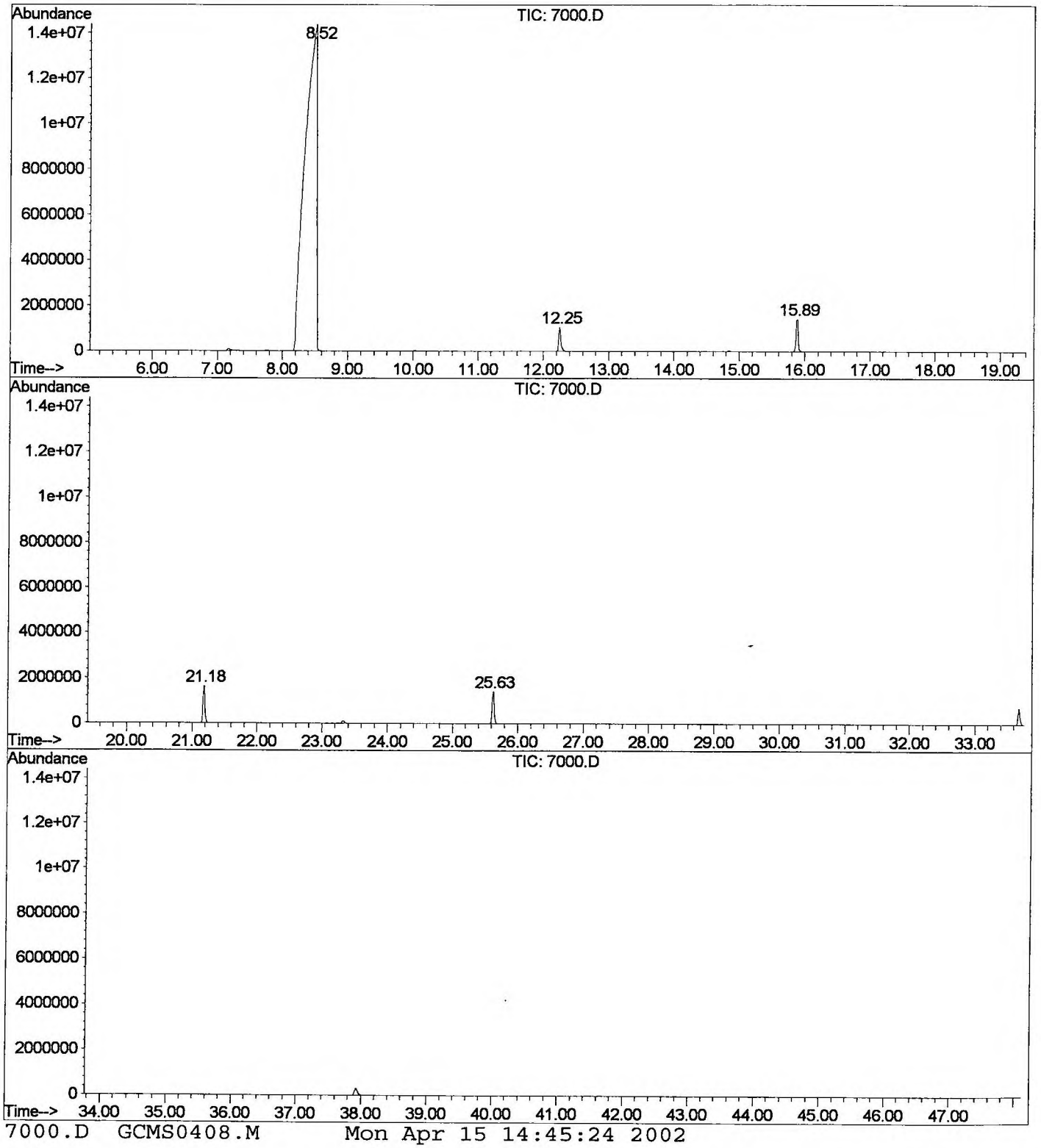
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.523	340	379	382	rBV	14382453	184007412	100.00%	93.848%
2	12.250	780	785	802	rVB	1053394	2365711	1.29%	1.207%
3	15.885	1175	1181	1195	rVB	1425201	3035736	1.65%	1.548%
4	21.182	1752	1758	1780	rBV	1631491	3511980	1.91%	1.791%
5	25.625	2236	2242	2254	rBV2	1400675	3149333	1.71%	1.606%

Sum of corrected areas: 196070172

7000.D GCMS0408.M Mon Apr 15 14:45:23 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR0405\7000.D
Operator :
Acquired : 7 Apr 2002 12:28 am using AcqMethod GCMS0403
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/26
Misc Info :
Vial Number: 28
Quant File :GCMS0408.RES (RTE Integrator)



7000.D GCMS0408.M Mon Apr 15 14:45:24 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR0405\7000.D Vial: 28
Acq On : 7 Apr 2002 12:28 am Operator:
Sample : gc/ms scan 3/26 Inst : GC/MS 209
Misc : Multiplr: 2.00
MS Integration Params: LSCINT.P

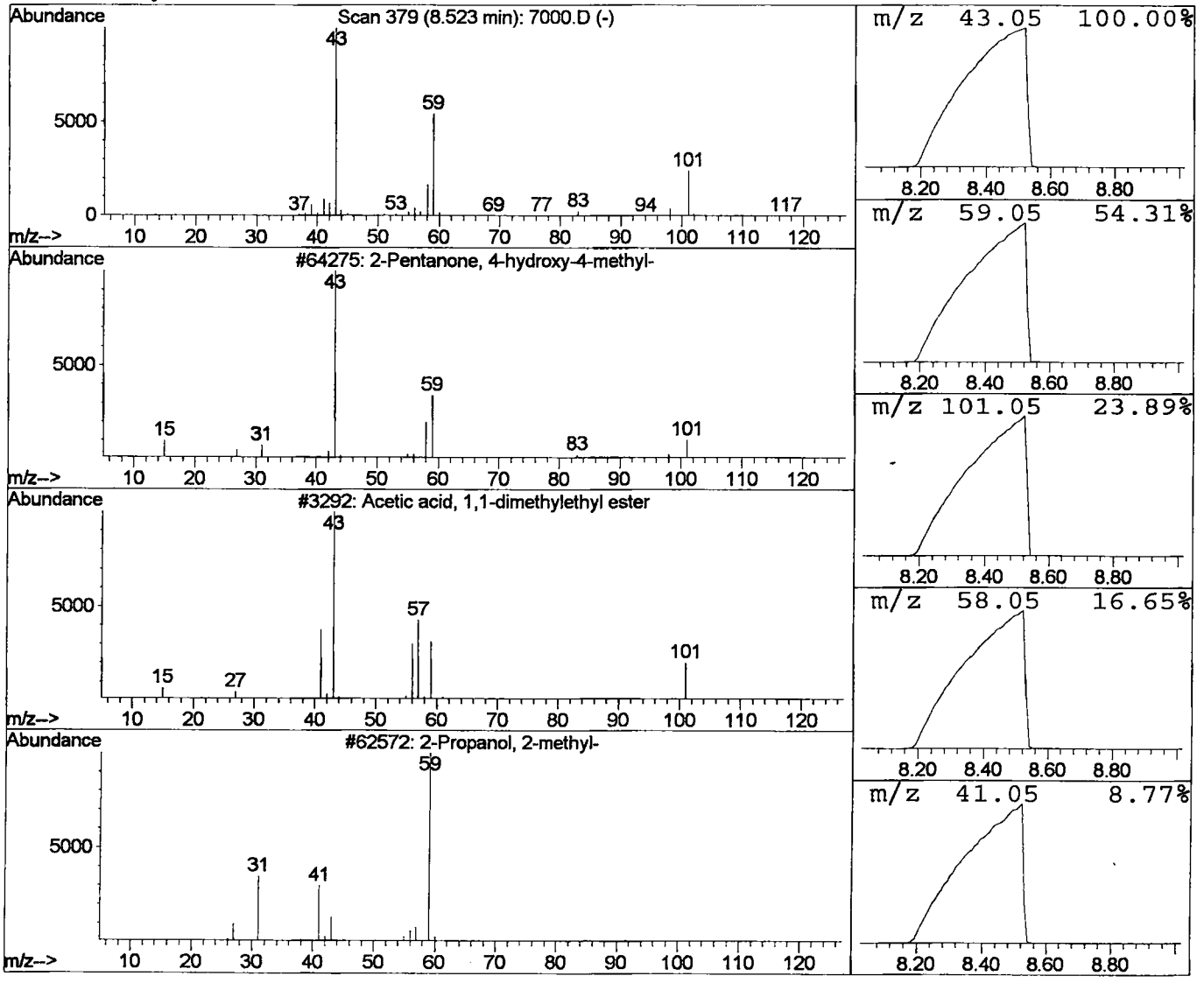
Quant Method : C:\HPCHEM\1\METHODS\GCMS0408.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.52	3111.24 ug/l	184007000	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4	Acetone	58	C3H6O	000067-64-1	9



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 7 Apr 2002 12:28 am
Data File: C:\HPCHEM\1\DATA\APR0405\7000.D
Name: gc/ms scan 3/26
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0408.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	8.52	3111.2	ug/l	184007000	ISTD01	12.25	2365710	20.0

7000.D GCMS0408.M Mon Apr 15 14:45:25 2002