User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/07/2002 Time: 12:13:15

Sample: AE08837
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/7/02 12:12 Ended: 5/7/02 12:12 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		73		10.0

Comments for Sample AE08837 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-07-2002 Time: 12:13:57

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0302\8837.D Vial: 6
Acq On : 3 May 2002 6:56 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:41 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

re-ext

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	485420	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	1772304	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	959800	40.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1317027	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	765258	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	477102	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.28	209	34187	7.32	ug/L	-0.01
Spiked Amount 10.000			Recovery = 73.20%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.46	74	275	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	13.41	77	206	N.D.		
12) Isophorone	14.03	82	744	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	15.87	128	318	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	22.61	149	803	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	25.58	178	376	N.D.		

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

Quantitation Report (QT Reviewed)

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Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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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

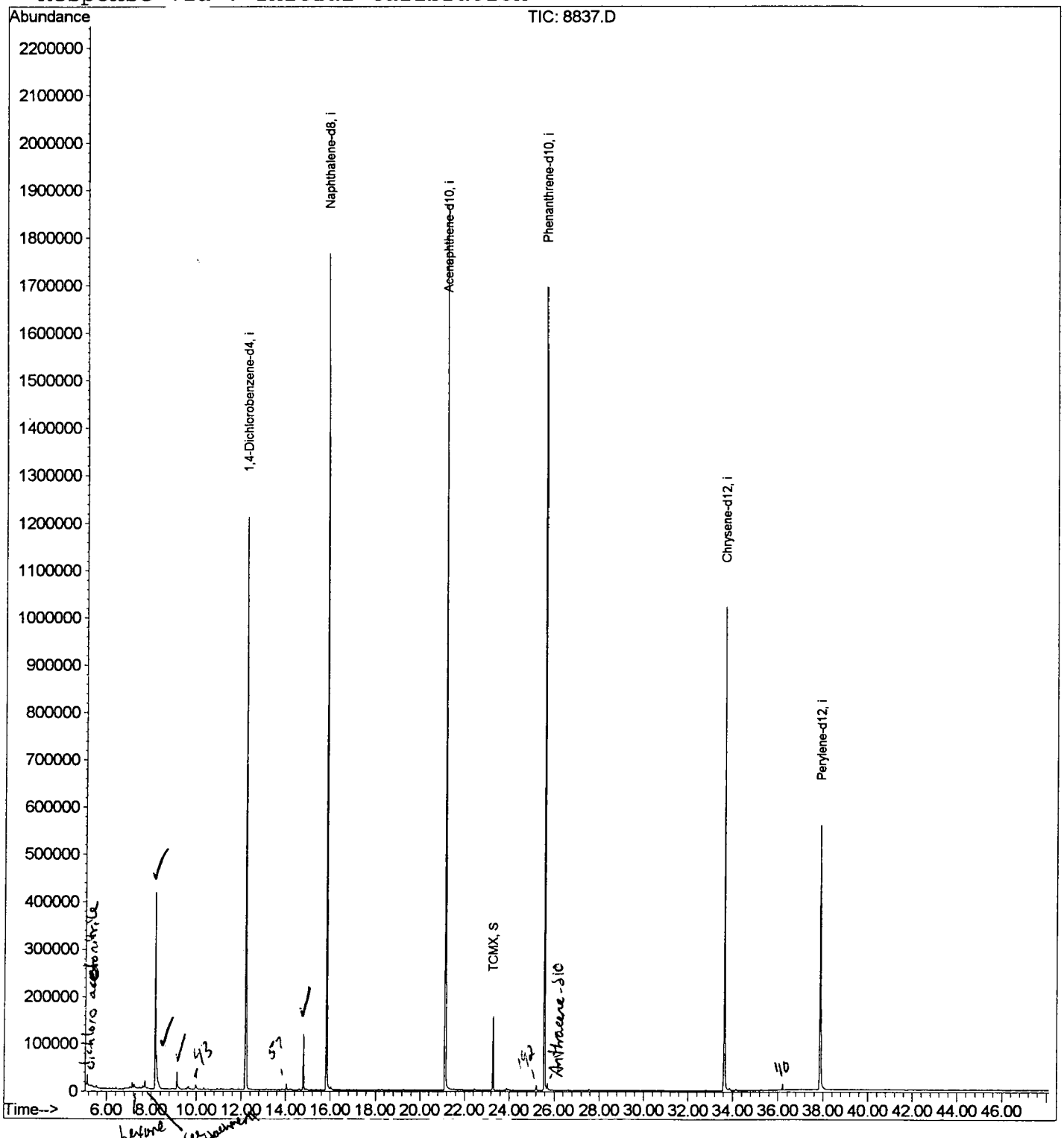
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.58	178	376	N.D.	
36)	Di-n-butylphthalate	27.55	149	3709	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	2278	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	2328	N.D.	
43)	Chrysene	33.71	228	915	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.71	252	645	N.D.	
47)	Benzo(k)fluoranthene	36.77	252	708	N.D.	
48)	Benzo(a)pyrene	37.87	252	1887	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\MAY0302\8837.D Vial: 6
Acq On : 3 May 2002 6:56 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 6 9:41 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



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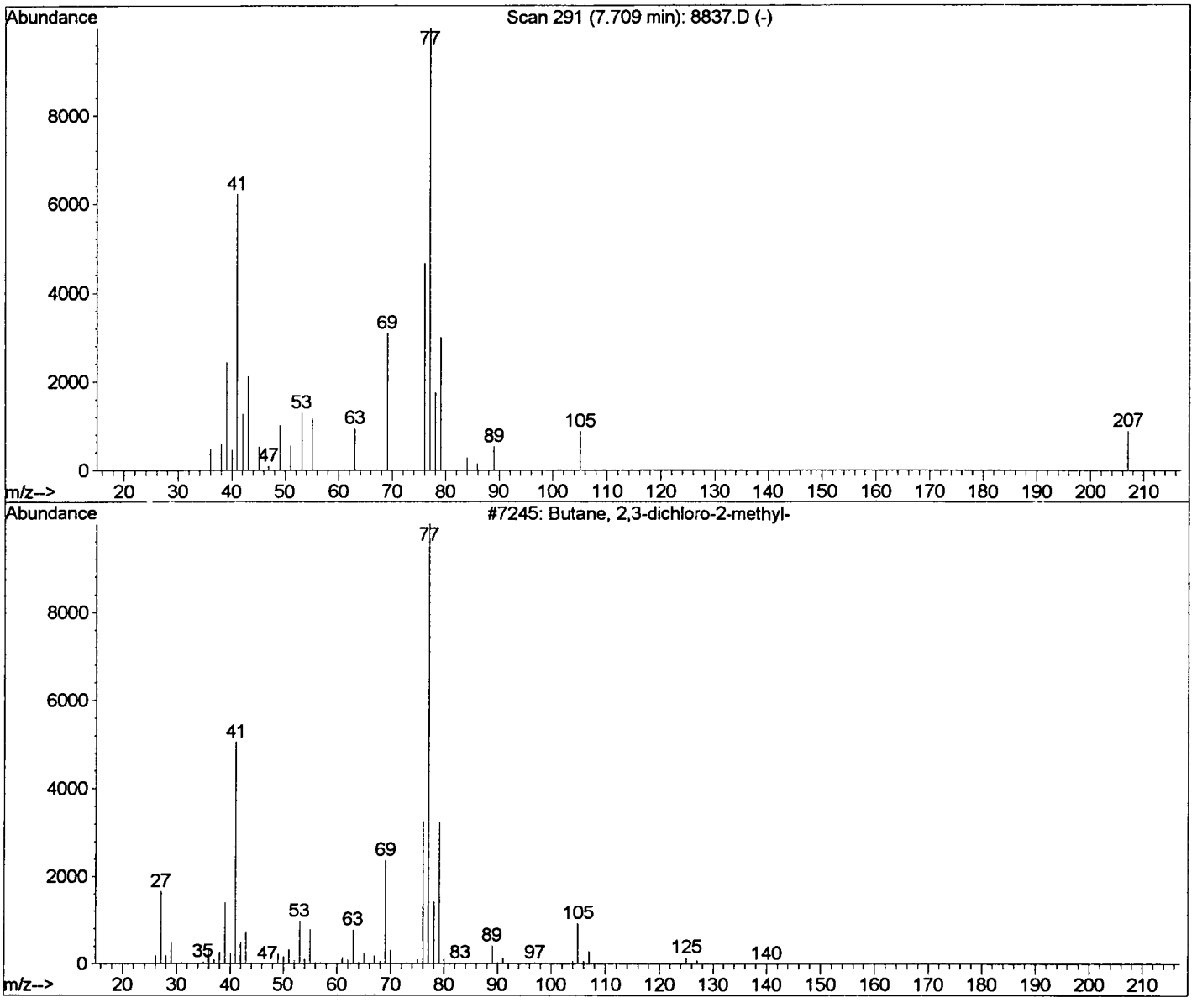
Quality : 45
ID : Butane, 2,3-dichloro-2-methyl-



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8837.D Vial: 6
Acq On : 3 May 2002 6:56 pm Operator:
Sample : RE-EXT. 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

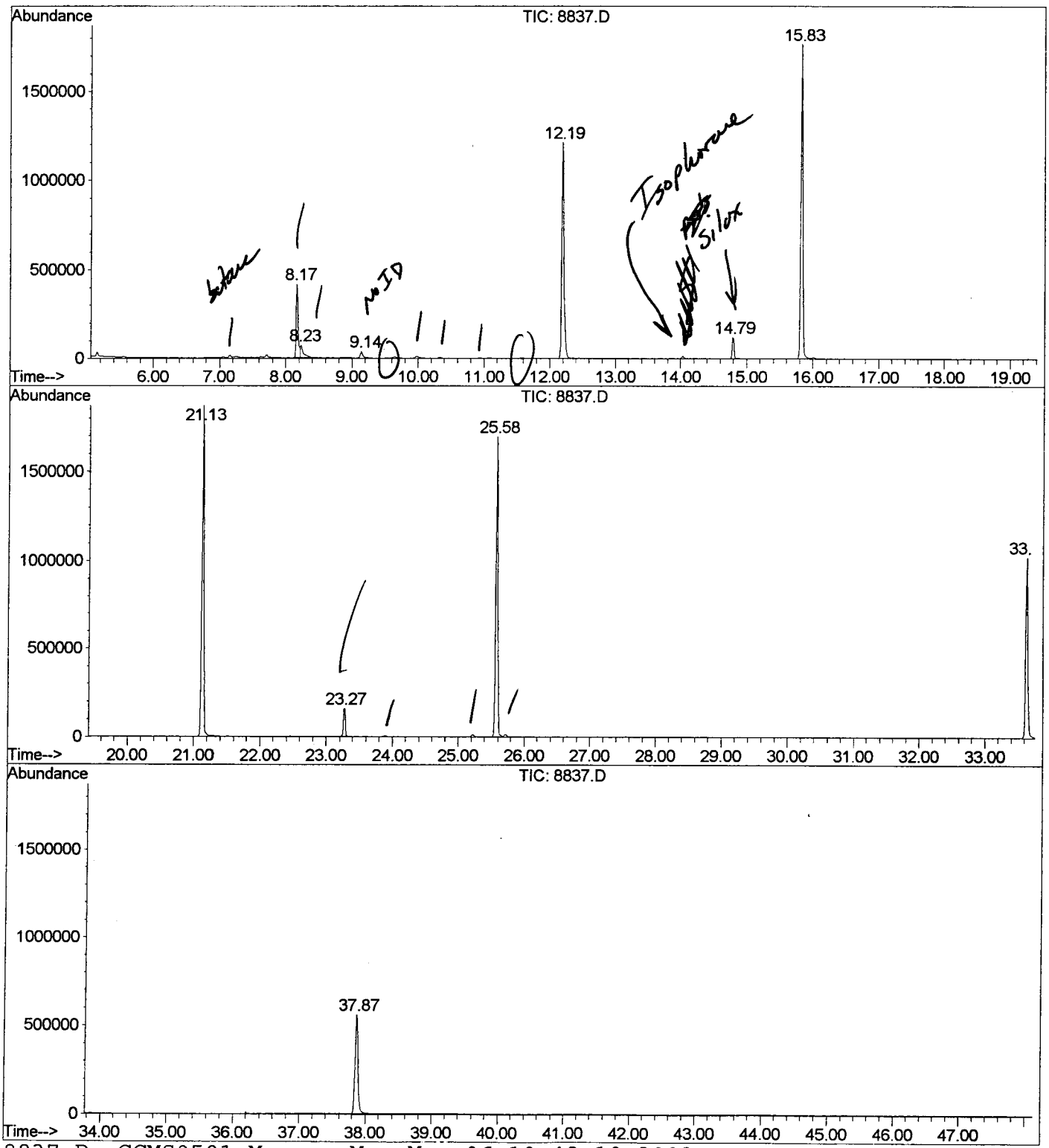
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.167	337	341	346	rBV	414141	809441	20.64%	4.143%
2	8.232	346	348	372	rVB	70616	235982	6.02%	1.208%
3	9.139	442	447	467	rVB	36336	99268	2.53%	0.508%
4	12.190	775	780	796	rVB	1208652	2804293	71.50%	14.355%
5	14.793	1059	1064	1070	rVB	118236	230919	5.89%	1.182%
6	15.828	1171	1177	1193	rBV	1763590	3552649	90.59%	18.186%
7	21.134	1750	1756	1770	rBV	1868418	3921847	100.00%	20.076%
8	23.269	1981	1989	1997	rBV	156218	326599	8.33%	1.672%
9	25.578	2234	2241	2252	rBV2	1693229	3567862	90.97%	18.264%
10	33.642	3113	3121	3135	rBV2	1021338	2310349	58.91%	11.826%
11	37.867	3575	3582	3601	rBV2	557235	1676244	42.74%	8.581%

Sum of corrected areas: 19535453

8837.D GCMS0501.M Mon May 06 10:48:09 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0302\8837.D
Operator :
Acquired : 3 May 2002 6:56 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 6
Quant File :GCMS0501.RES (RTE Integrator)



8837.D GCMS0501.M Mon May 06 10:48:10 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8837.D Vial: 6
Acq On : 3 May 2002 6:56 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

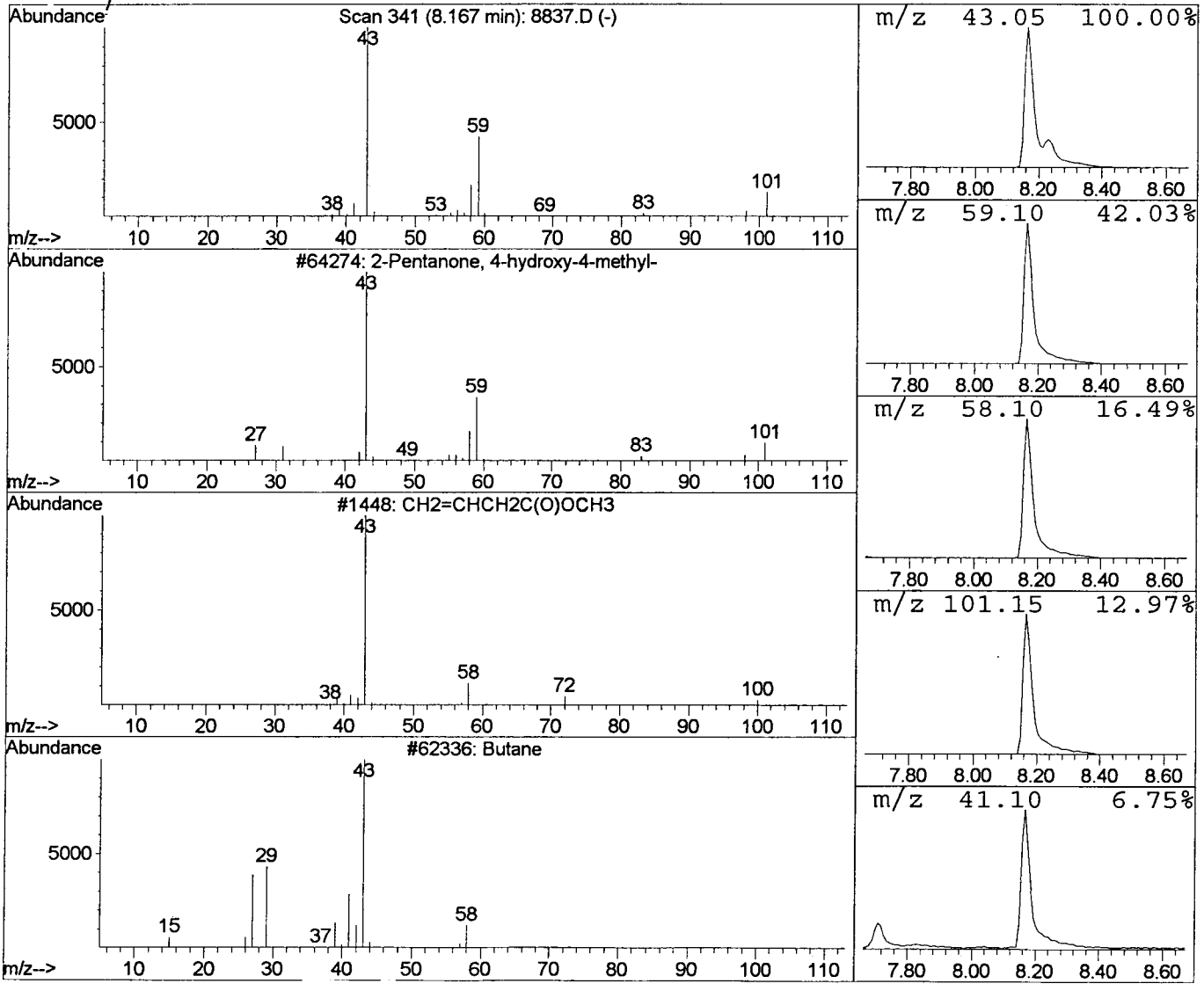
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	11.55 ug/l	809441	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	Butane	58	C4H10	000106-97-8	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8837.D
Acq On : 3 May 2002 6:56 pm
Sample : RE-EXT.
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator:
Inst : 209
Multiplr: 1.00

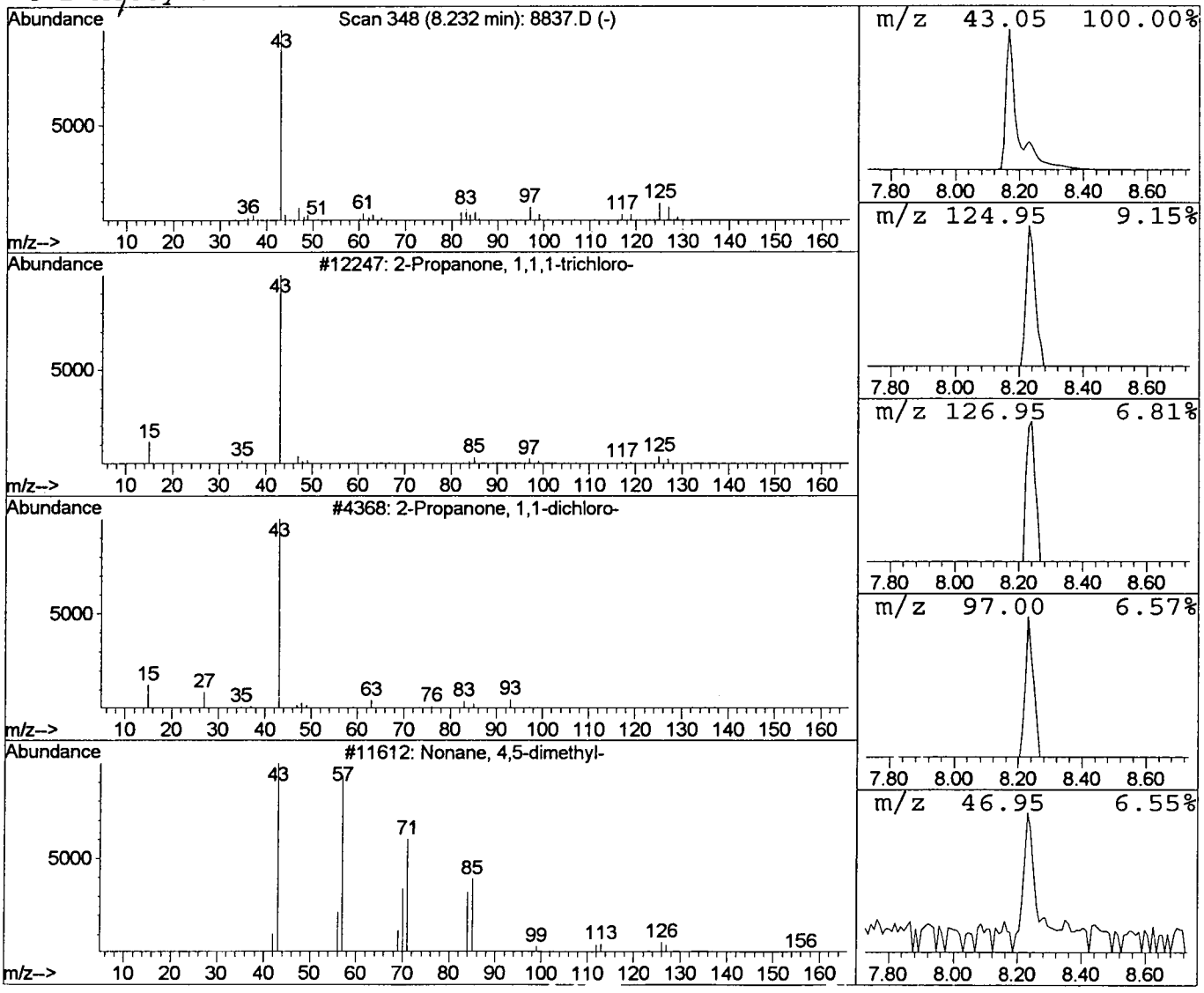
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	3.37 ug/l	235982	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	32
2	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
3	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	5
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8837.D Vial: 6
Acq On : 3 May 2002 6:56 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

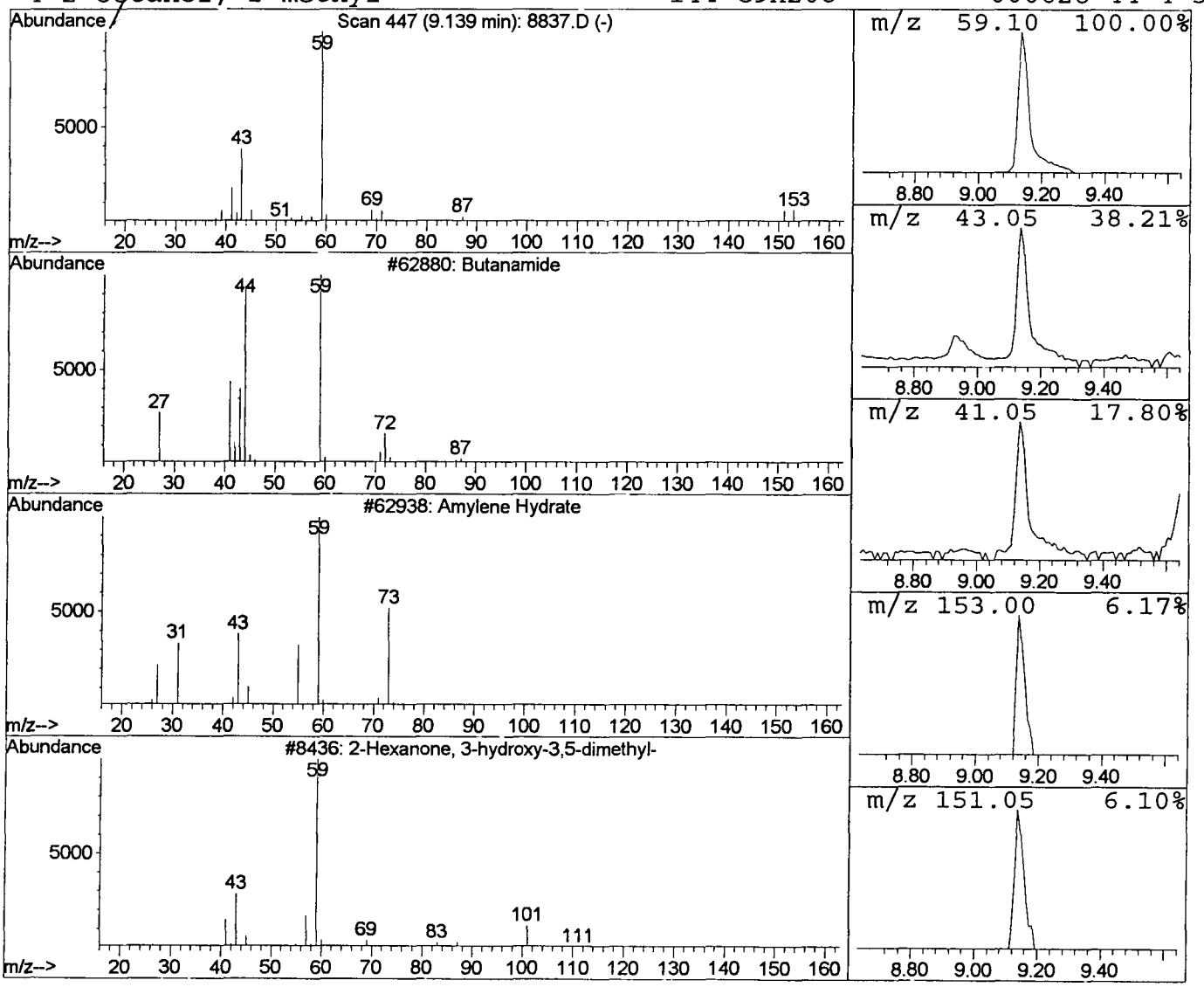
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Butanamide Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	1.42 ug/l	99268	1,4-Dichlorobenzene-d4	12.19

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanamide	87	C4H9NO	000541-35-5	72
2	Amylene Hydrate	88	C5H12O	000075-85-4	39
3	2-Hexanone, 3-hydroxy-3,5-dimethyl-	144	C8H16O2	006321-14-8	39
4	2-Octanol, 2-methyl-	144	C9H20O	000628-44-4	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0302\8837.D Vial: 6
Acq On : 3 May 2002 6:56 pm Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

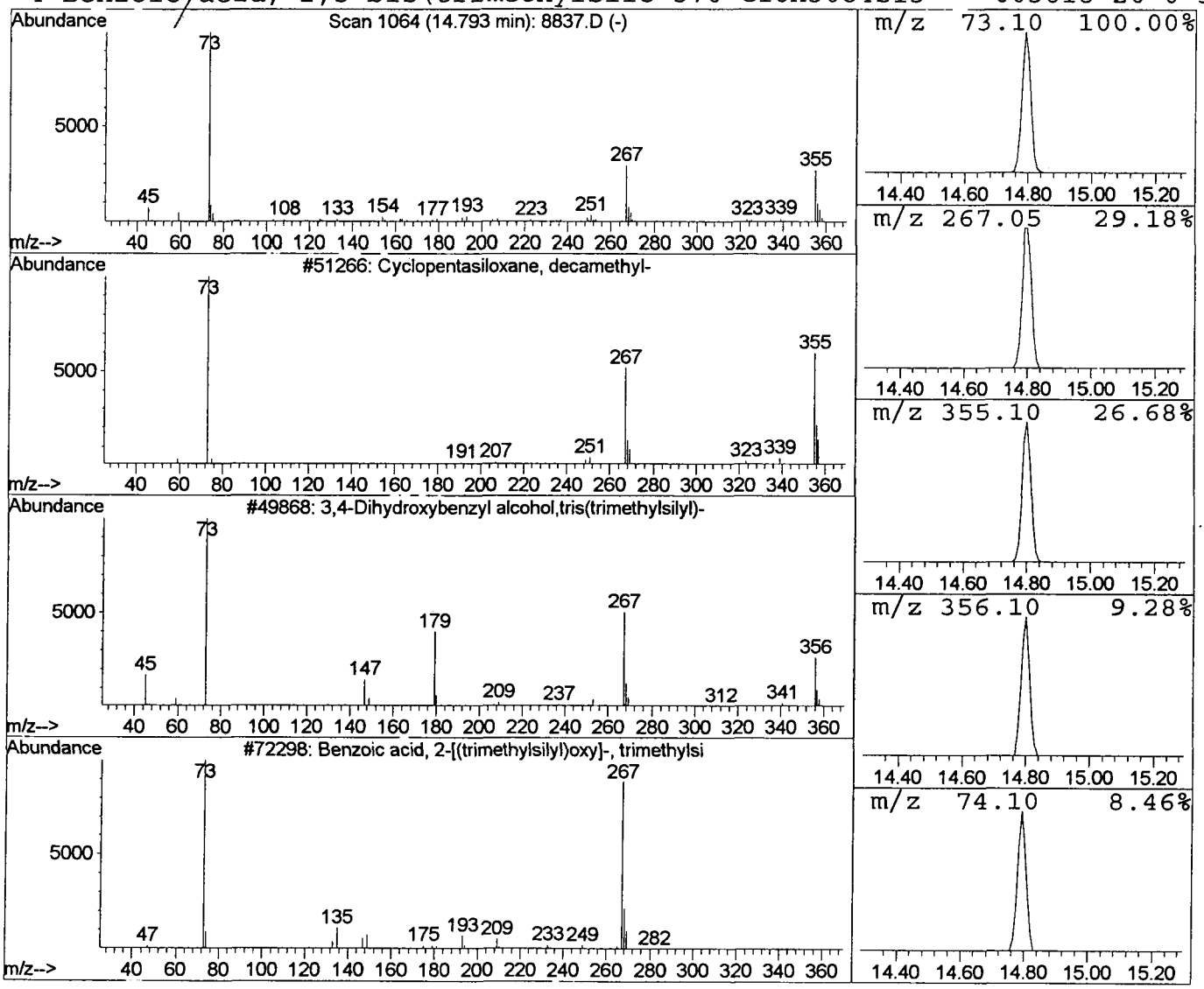
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.60 ug/l	230919	Naphthalene-d8	15.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	49
3	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	43
4	Benzoic acid, 2,5-bis(trimethylsilo	370	C16H30O4Si3	003618-20-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 May 2002 6:56 pm
Data File: C:\HPCHEM\1\DATA\MAY0302\8837.D
Name: RE-EXT.
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	8.17	11.5	ug/l	809441	ISTD01	12.19	2804290	40.0
2-Propanone, 1,1,1-t	8.23	3.4	ug/l	235982	ISTD01	12.19	2804290	40.0
Butanamide	9.14	1.4	ug/l	99268	ISTD01	12.19	2804290	40.0
Cyclopentasiloxane,	14.79	2.6	ug/l	230919	ISTD02	15.83	3552650	40.0

8837.D GCMS0501.M Mon May 06 10:48:17 2002