User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 13:55:47

Sample: AE09450
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 13:55 Ended: 5/8/02 13:55 Analyst: DLV
Page: 1

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

Comments for Sample AE09450 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 13:56:26

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 7 of the 43 compounds in the LCS Standard were low.

Data File : C:\HPCHEM\1\DATA\MAY0202\9450.D Vial: 9
Acq On : 2 May 2002 10:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 8:33 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	12.20	152	546662	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2021946	40.00	ug/l	-0.03
17) Acenaphthene-d10	21.14	164	1102774	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1537938	40.00	ug/l	-0.02
38) Chrysene-d12	33.64	240	982804	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	653002	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.28	209	39401	7.34	ug/L	-0.02
Spiked Amount 10.000			Recovery = 73.40%			
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	13.41	77	832	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	186	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	1900	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	25.59	178	256	N.D.		

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

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Misc : Multiplr: 1.00
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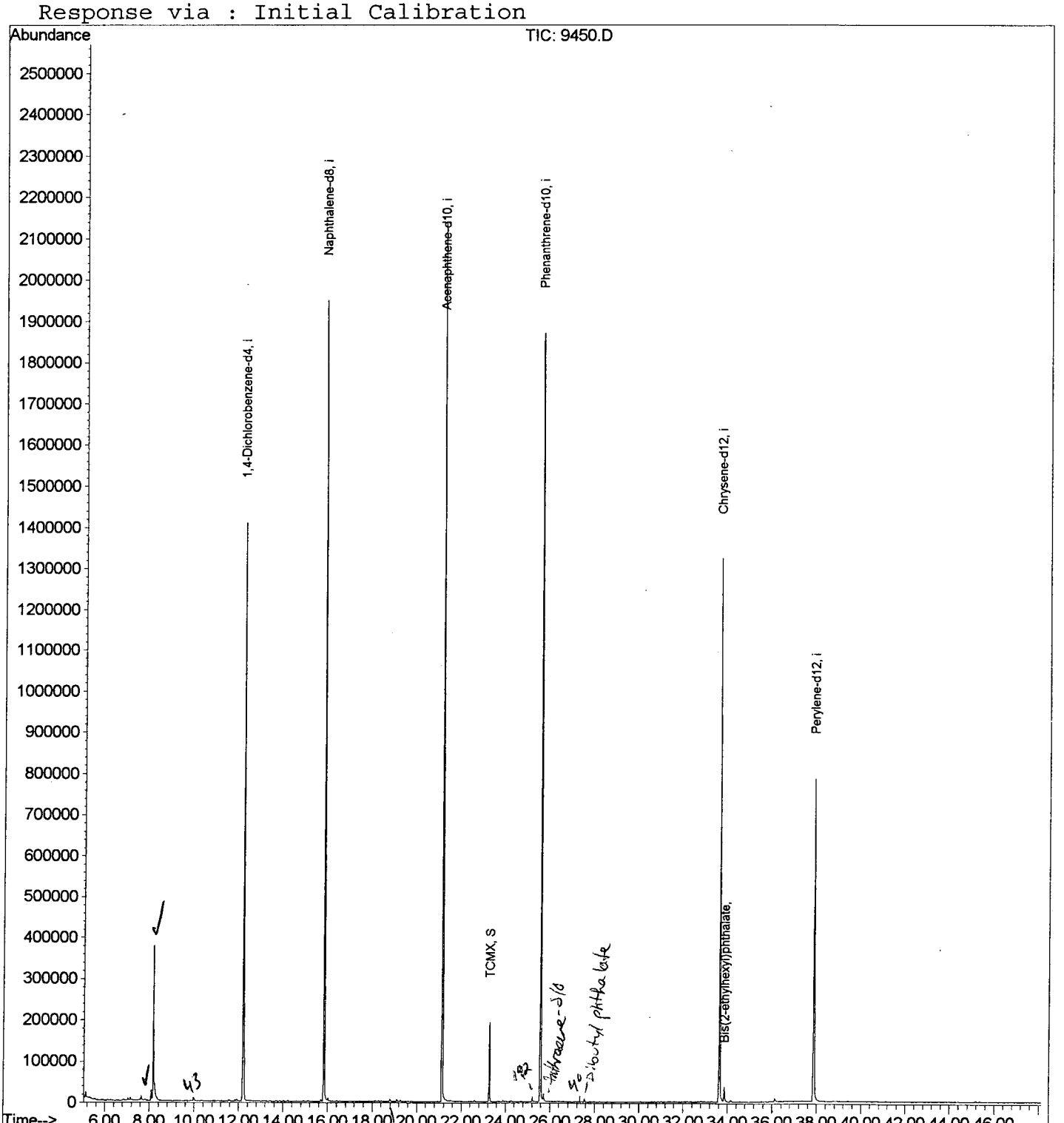
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.59	178	256	N.D.	
36)	Di-n-butylphthalate	27.55	149	8791	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	2377	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	22867	0.97 ug/l	98
43)	Chrysene	33.64	228	2377	N.D.	
45)	Di-n-Octylphthalate	35.60	149	222	N.D.	
46)	Benzo(b)fluoranthene	36.68	252	296	N.D.	
47)	Benzo(k)fluoranthene	36.77	252	370	N.D.	
48)	Benzo(a)pyrene	37.87	252	2478	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.	

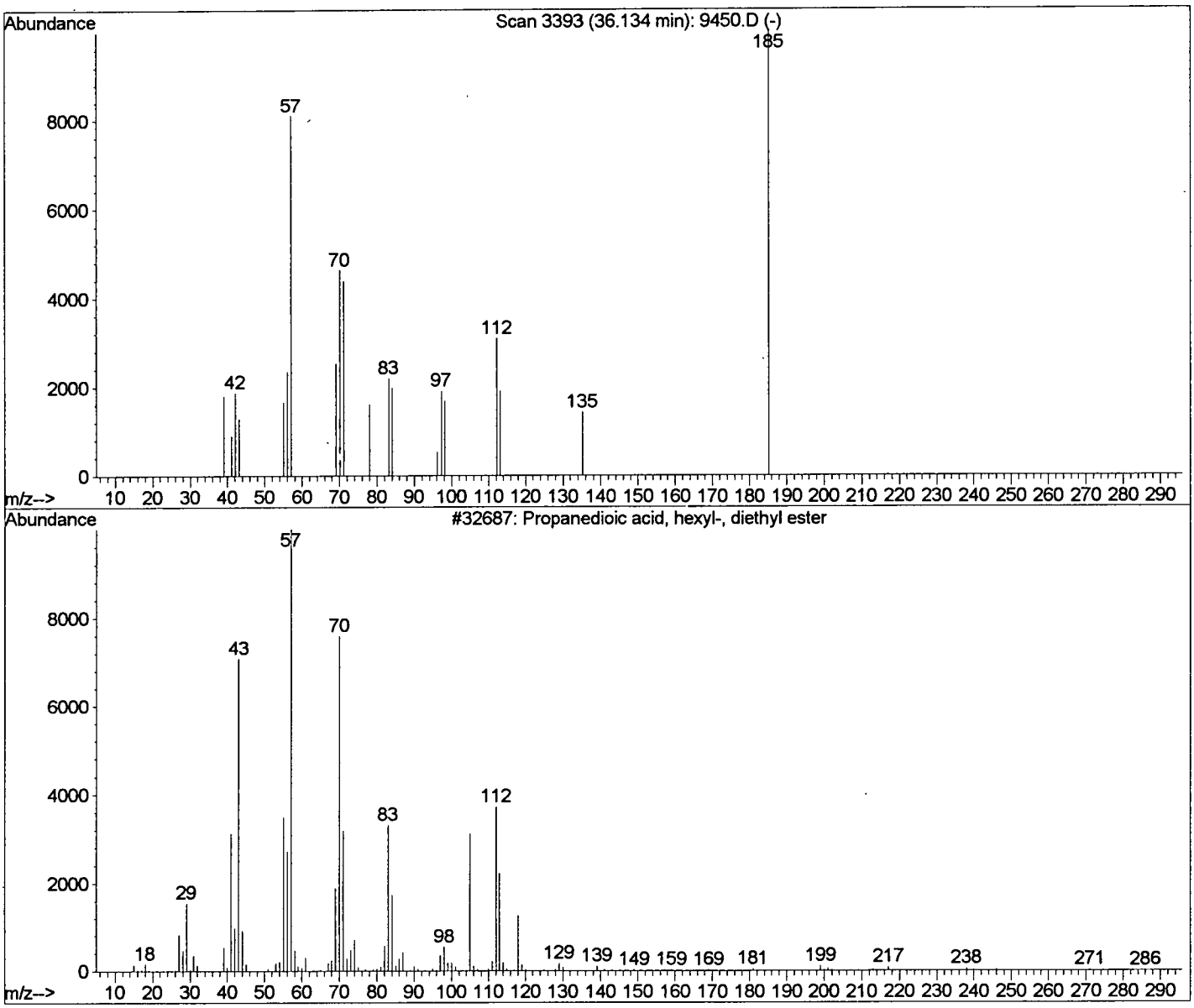
(#) = qualifier out of range (m) = manual integration

Data File : C:\HPCHEM\1\DATA\MAY0202\9450.D Vial: 9
Acq On : 2 May 2002 10:38 pm Operator:
Sample : GC/MS SCAN 4/19 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 3 8:33 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



Library Searched : C:\DATABASE\nbs75k.l
Quality : 25
ID : Propanedioic acid, hexyl-, diethyl ester



Data File : C:\HPCHEM\1\DATA\MAY0202\9450.D Vial: 9
Acq On : 2 May 2002 10:38 pm Operator:
Sample : GC/MS SCAN 4/19 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

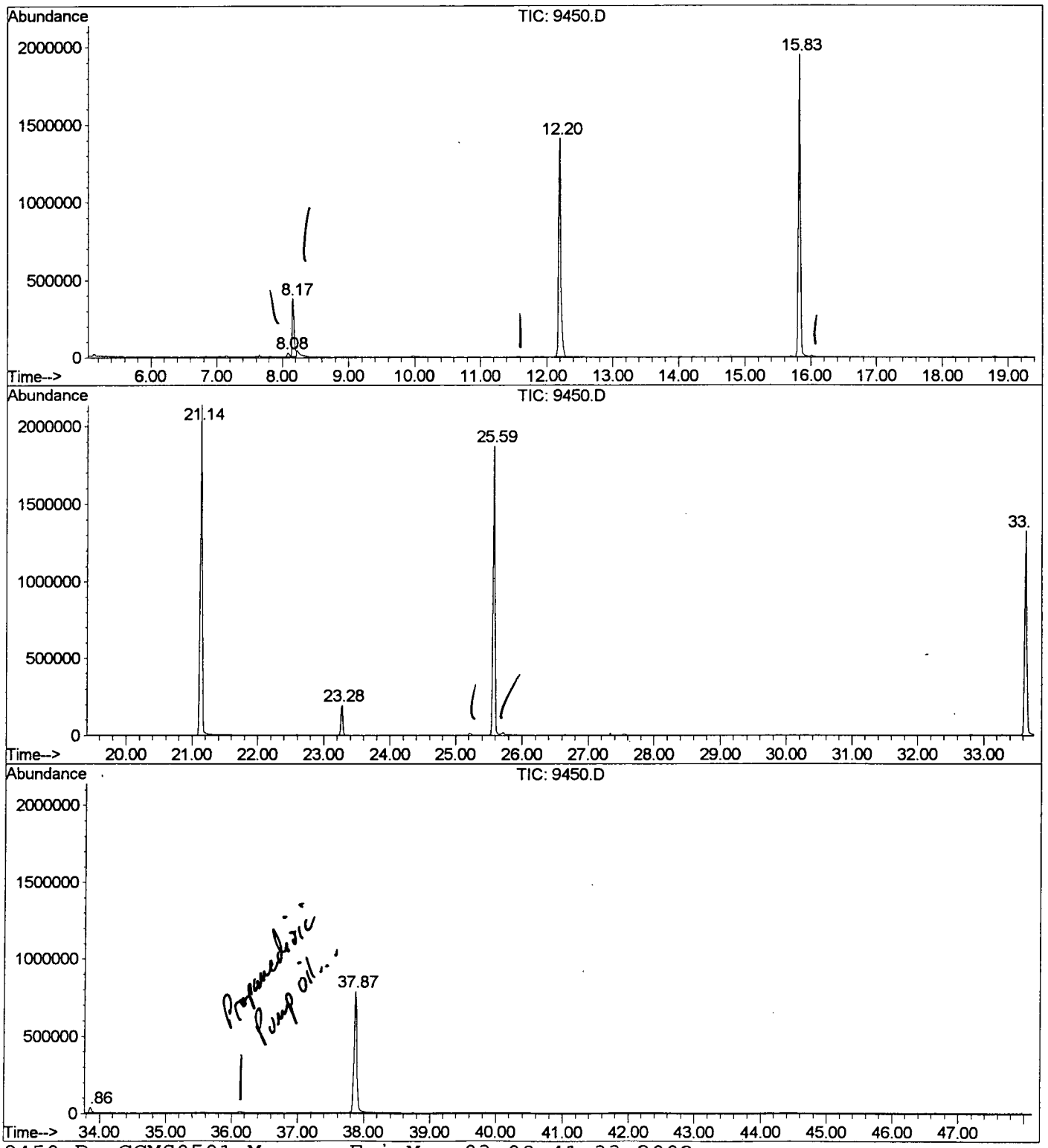
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.084	329	332	337	rBV	26358	58966	1.31%	0.263%
2	8.166	337	341	346	rBV	372868	758554	16.85%	3.387%
3	12.198	775	781	797	rVB	1406884	3179692	70.61%	14.198%
4	15.827	1171	1177	1194	rBV	1947067	4049703	89.93%	18.083%
5	21.142	1749	1757	1771	rBV	2138500	4502966	100.00%	20.106%
6	23.277	1983	1990	1997	rBV	193121	387355	8.60%	1.730%
7	25.586	2234	2242	2252	rBV2	1868440	4142957	92.01%	18.499%
8	33.641	3114	3121	3139	rBV2	1322948	2952613	65.57%	13.184%
9	33.861	3140	3145	3155	rVB	35110	88591	1.97%	0.396%
10	37.875	3574	3583	3599	rBV	783258	2274291	50.51%	10.155%

Sum of corrected areas: 22395688

9450.D GCMS0501.M Fri May 03 08:41:32 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0202\9450.D
Operator :
Acquired : 2 May 2002 10:38 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/19
Misc Info :
Vial Number: 9
Quant File :GCMS0501.RES (RTE Integrator)



9450.D GCMS0501.M Fri May 03 08:41:33 2002

Data File : C:\HPCHEM\1\DATA\MAY0202\9450.D Vial: 9
Acq On : 2 May 2002 10:38 pm Operator:
Sample : GC/MS SCAN 4/19 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

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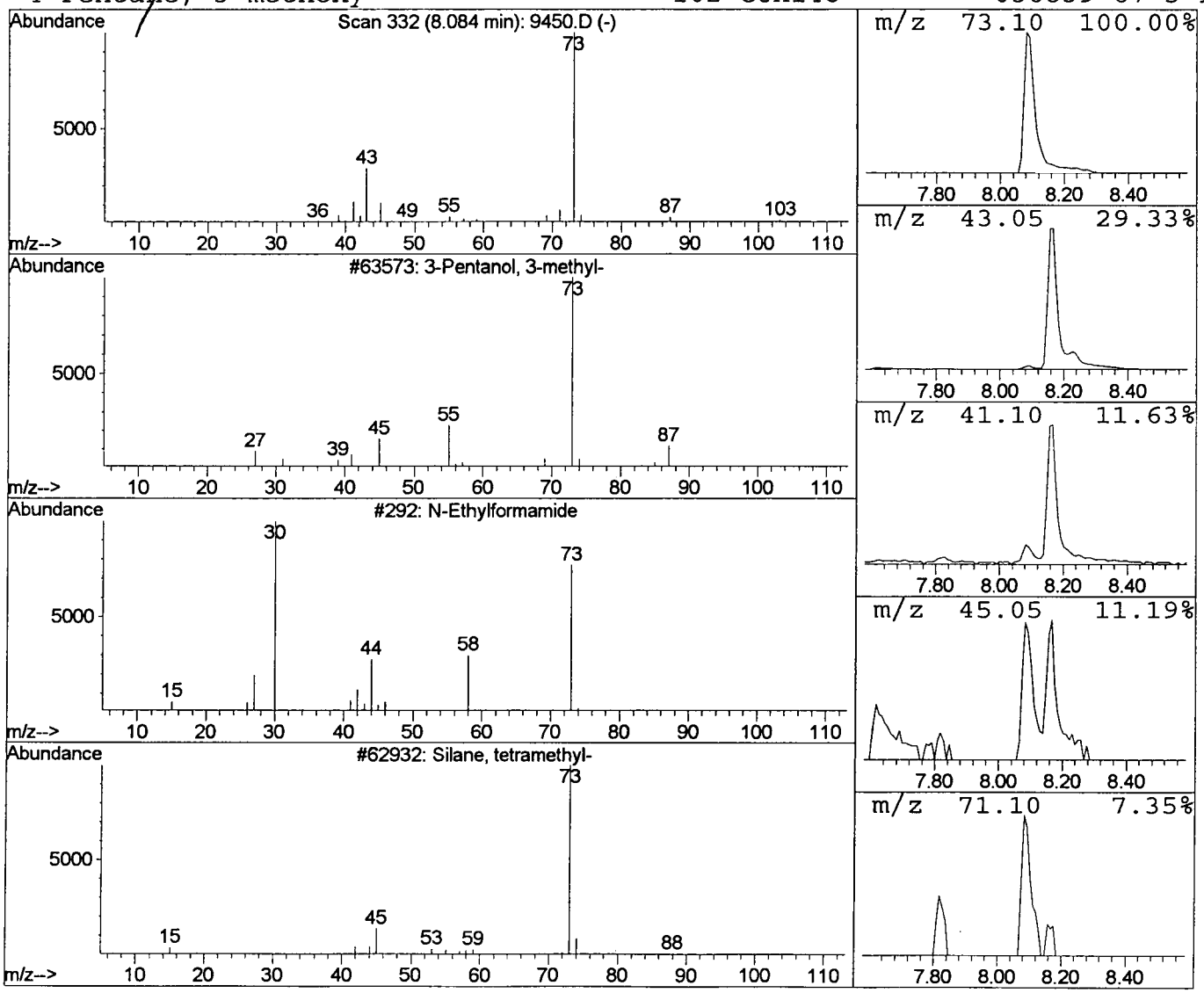
Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.08	0.74 ug/l	58966	1,4-Dichlorobenzene-d4	12.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



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Data File : C:\HPCHEM\1\DATA\MAY0202\9450.D              Vial: 9
Acq On    :  2 May 2002  10:38 pm                     Operator:
Sample    : GC/MS SCAN 4/19                           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
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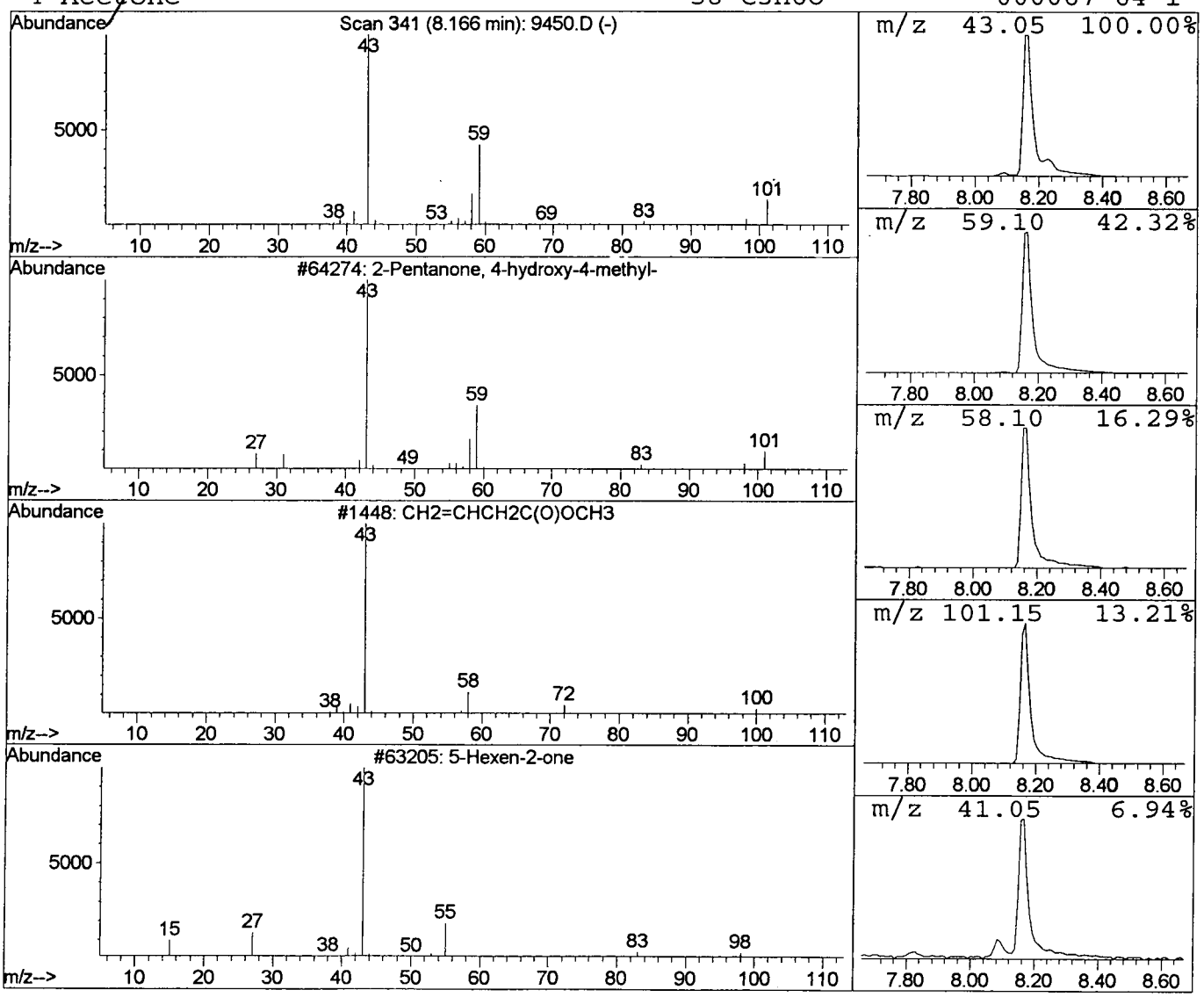
Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	9.54 ug/l	758554	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	7
4	Acetone	58	C3H6O	000067-64-1	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 2 May 2002 10:38 pm
Data File: C:\HPCHEM\1\DATA\MAY0202\9450.D
Name: GC/MS SCAN 4/19
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
3-Pentanol, 3-methyl	8.08	0.7	ug/l	58966	ISTD01	12.20	3179690	40.0
2-Pentanone, 4-hydro	8.17	9.5	ug/l	758554	ISTD01	12.20	3179690	40.0

9450.D GCMS0501.M Fri May 03 08:41:35 2002