User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/10/2002 Time: 09:51:23

Sample: AE08952
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/29/02 09:07 Ended: 4/29/02 09:07 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD	LSPEC	86		10.0

Comments for Sample AE08952 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-10-2002 Time: 09:50:42

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. This sample will be reextracted because of the low Surrogate Standard recovery. Re-analysis yields A Surrogate Standard recovery of 65%. This sample is the Field Blank.

Data File : C:\HPCHEM\1\DATA\MAY0602\8952.D Vial: 9
Acq On : 7 May 2002 12:09 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:46 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	583859	40.00	ug/l	-0.02
10) Naphthalene-d8	15.83	136	2151391	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.13	164	1162230	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.58	188	1656968	40.00	ug/l	-0.01
38) Chrysene-d12	33.63	240	1038860	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	639419	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.27	209	36881	6.52	ug/L	-0.02
Spiked Amount 10.000			Recovery = 65.20%			
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	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	22.62	149	862	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	430	N.D.		

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

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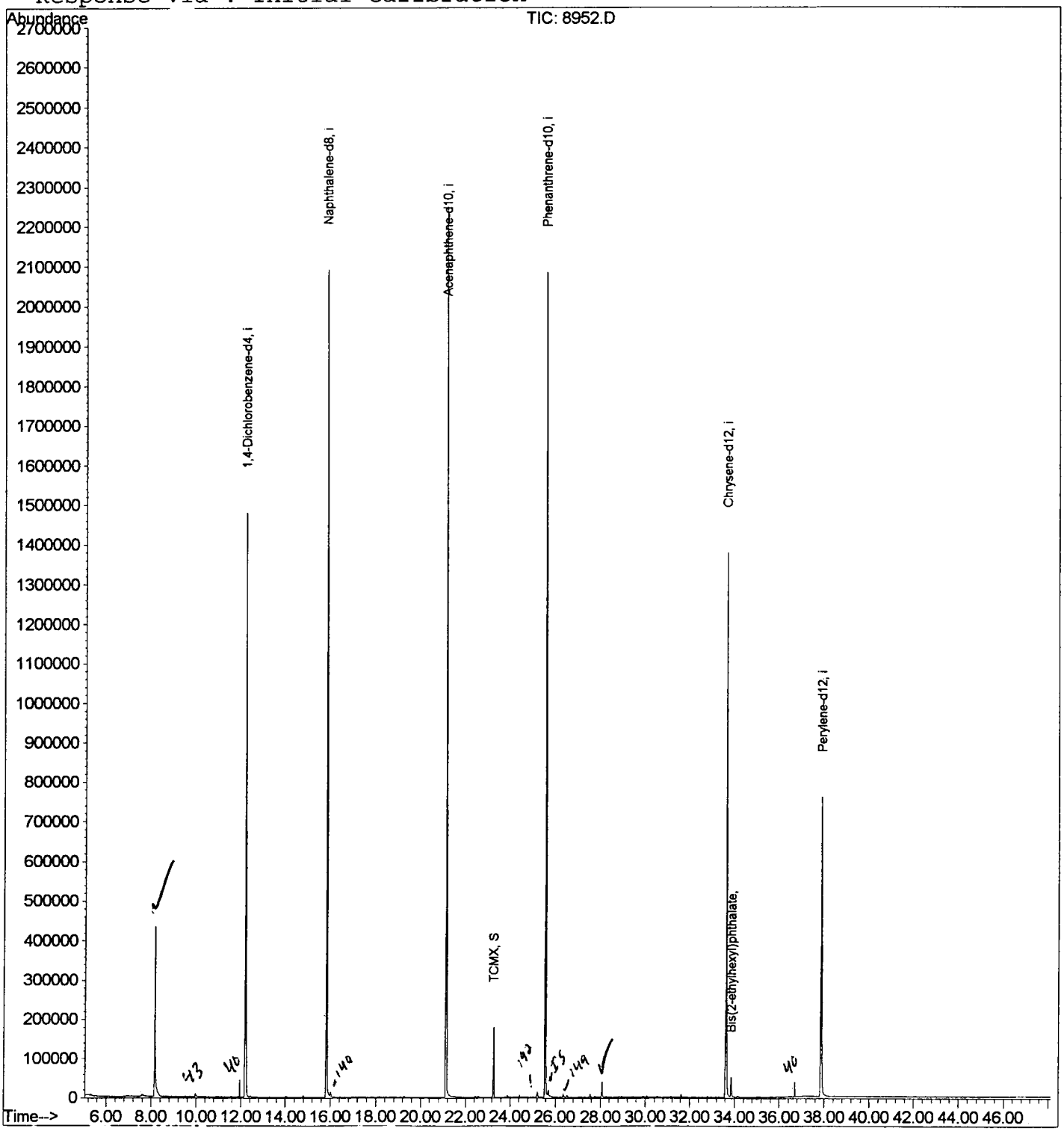
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.59	178	430	N.D.	
36)	Di-n-butylphthalate	27.55	149	8854	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	33.63	228	2879	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	31534	1.27 ug/l	98
43)	Chrysene	33.71	228	515	N.D.	
45)	Di-n-Octylphthalate	35.60	149	393	N.D.	
46)	Benzo(b)fluoranthene	36.69	252	1074	N.D.	
47)	Benzo(k)fluoranthene	36.76	252	1618	N.D.	
48)	Benzo(a)pyrene	37.68	252	889	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
8952.D GCMS0501.M Wed May 08 09:46:46 2002 Page 2

Data File : C:\HPCHEM\1\DATA\MAY0602\8952.D Vial: 9
Acq On : 7 May 2002 12:09 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 8 9:46 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



Data File : C:\HPCHEM\1\DATA\MAY0602\8952.D Vial: 9
Acq On : 7 May 2002 12:09 am Operator:
Sample : GC/MS SCAN 4/24 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

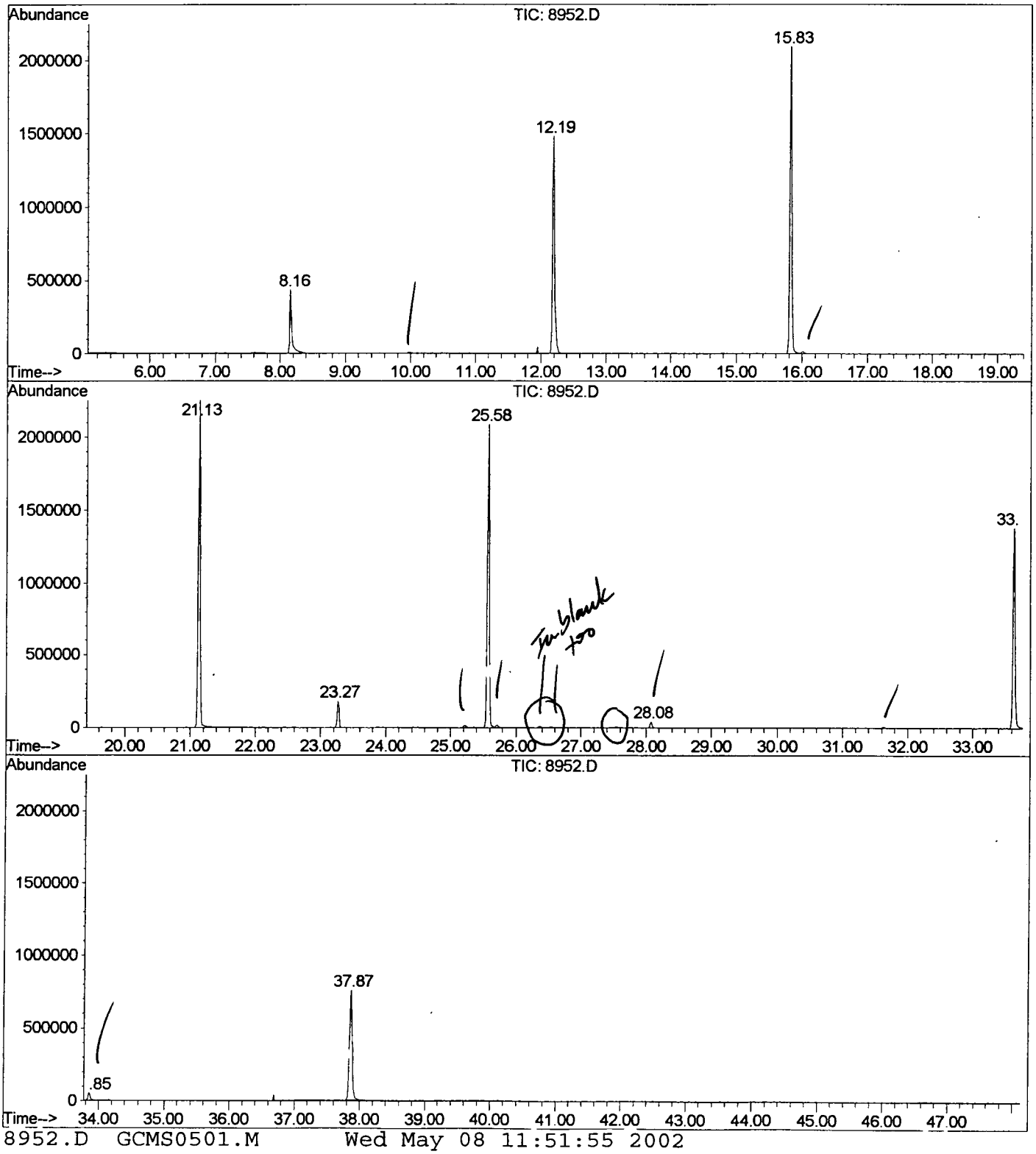
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.159	336	340	370	rVB	432703	976558	20.69%	4.129%
2	12.191	774	780	801	rBV	1477991	3349711	70.96%	14.163%
3	15.829	1170	1177	1193	rBV	2090559	4248374	89.99%	17.962%
4	21.135	1749	1756	1781	rBV	2248421	4720720	100.00%	19.960%
5	23.270	1980	1989	1997	rBV	179306	354980	7.52%	1.501%
6	25.579	2234	2241	2251	rBV2	2084262	4441192	94.08%	18.778%
7	28.081	2509	2514	2519	rBV	39392	74669	1.58%	0.316%
8	33.634	3113	3120	3139	rBV2	1377713	3118173	66.05%	13.184%
9	33.854	3139	3144	3158	rVB	50861	124200	2.63%	0.525%
10	37.868	3573	3582	3599	rBV2	755607	2242887	47.51%	9.483%

Sum of corrected areas: 23651464

8952.D GCMS0501.M Wed May 08 11:51:54 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0602\8952.D
Operator :
Acquired : 7 May 2002 12:09 am using AcqMethod GCMS0501
Instrument : 209
Sample Name: GC/MS SCAN 4/24
Misc Info :
Vial Number: 9
Quant File :GCMS0501.RES (RTE Integrator)



8952.D GCMS0501.M Wed May 08 11:51:55 2002

Data File : C:\HPCHEM\1\DATA\MAY0602\8952.D Vial: 9
Acq On : 7 May 2002 12:09 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

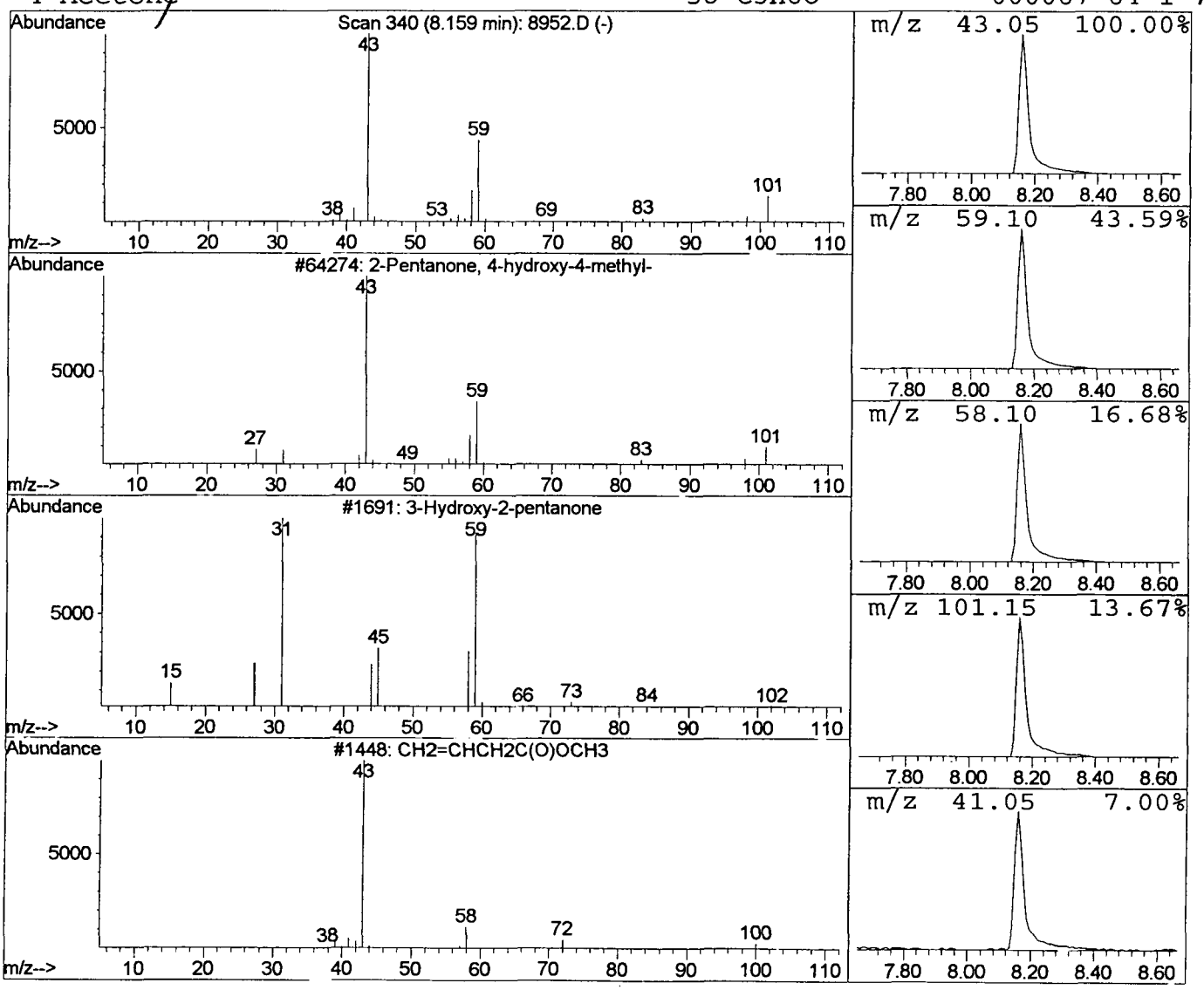
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.16	11.66 ug/l	976558	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	Acetone	58	C3H6O	000067-64-1	7



Data File : C:\HPCHEM\1\DATA\MAY0602\8952.D Vial: 9
Acq On : 7 May 2002 12:09 am Operator:
Sample : GC/MS SCAN 4/24 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

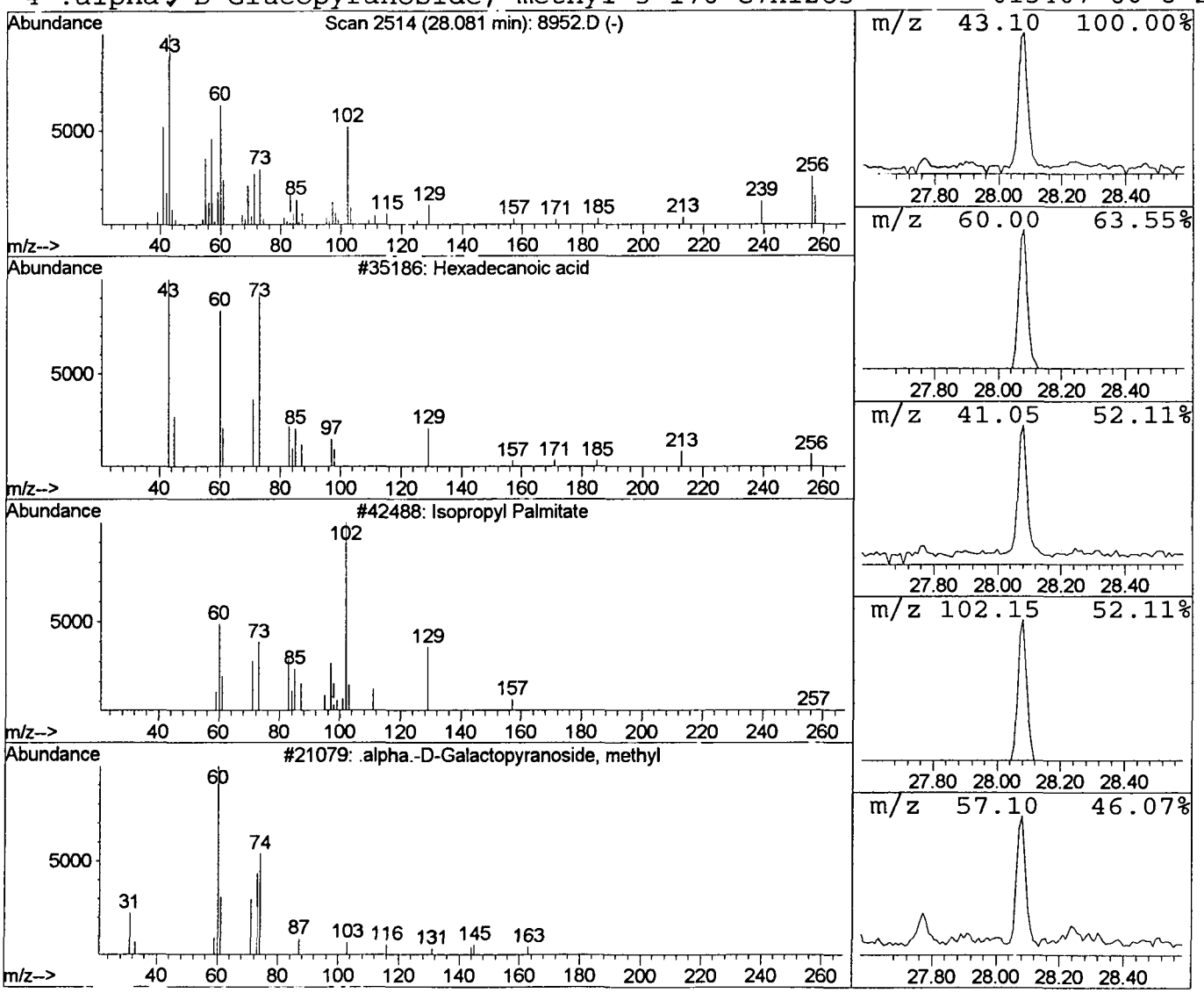
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.08	0.67 ug/l	74669	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid	256	C16H32O2	000057-10-3	38
2	Isopropyl Palmitate	298	C19H38O2	000142-91-6	27
3	.alpha.-D-Galactopyranoside, methyl	194	C7H14O6	003396-99-4	25
4	.alpha.-D-Glucopyranoside, methyl 3	176	C7H12O5	013407-60-8	23



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 7 May 2002 12:09 am
Data File: C:\HPCHEM\1\DATA\MAY0602\8952.D
Name: GC/MS SCAN 4/24
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	11.7	ug/l	976558	ISTD01	12.19	3349710	40.0
Hexadecanoic acid	28.08	0.7	ug/l	74669	ISTD04	25.58	4441190	40.0

8952.D GCMS0501.M Wed May 08 11:51:57 2002