User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 09:24:16

Sample: AE12093
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 09:24 Ended: 6/4/02 09:24 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		10.0

Comments for Sample AE12093 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 09:25:21

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\12093.D Vial: 13
Acq On : 31 May 2002 1:52 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:25 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.06	152	599881	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2419349	40.00	ug/l	-0.10
17) Acenaphthene-d10	21.00	164	1140557	40.00	ug/l	-0.09
30) Phenanthrene-d10	25.43	188	1772863	40.00	ug/l	-0.10
38) Chrysene-d12	33.47	240	1080809	40.00	ug/l	-0.13
44) Perylene-d12	37.66	264	689518	40.00	ug/l	-0.14
System Monitoring Compounds						
28) TCMX	23.14	209	204210	35.62	ug/L	-0.10
Spiked Amount 40.000			Recovery = 89.05%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.06	146	360	N.D.		
5) 1,4-Dichlorobenzene	12.06	146	360	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-Nitrosodi-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	15.75	128	144	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	21.35	165	100	N.D.		
25) Diethylphthalate	22.48	149	1798	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1489	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	773	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.49	178	351	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\12093.D Vial: 13
Acq On : 31 May 2002 1:52 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:25 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

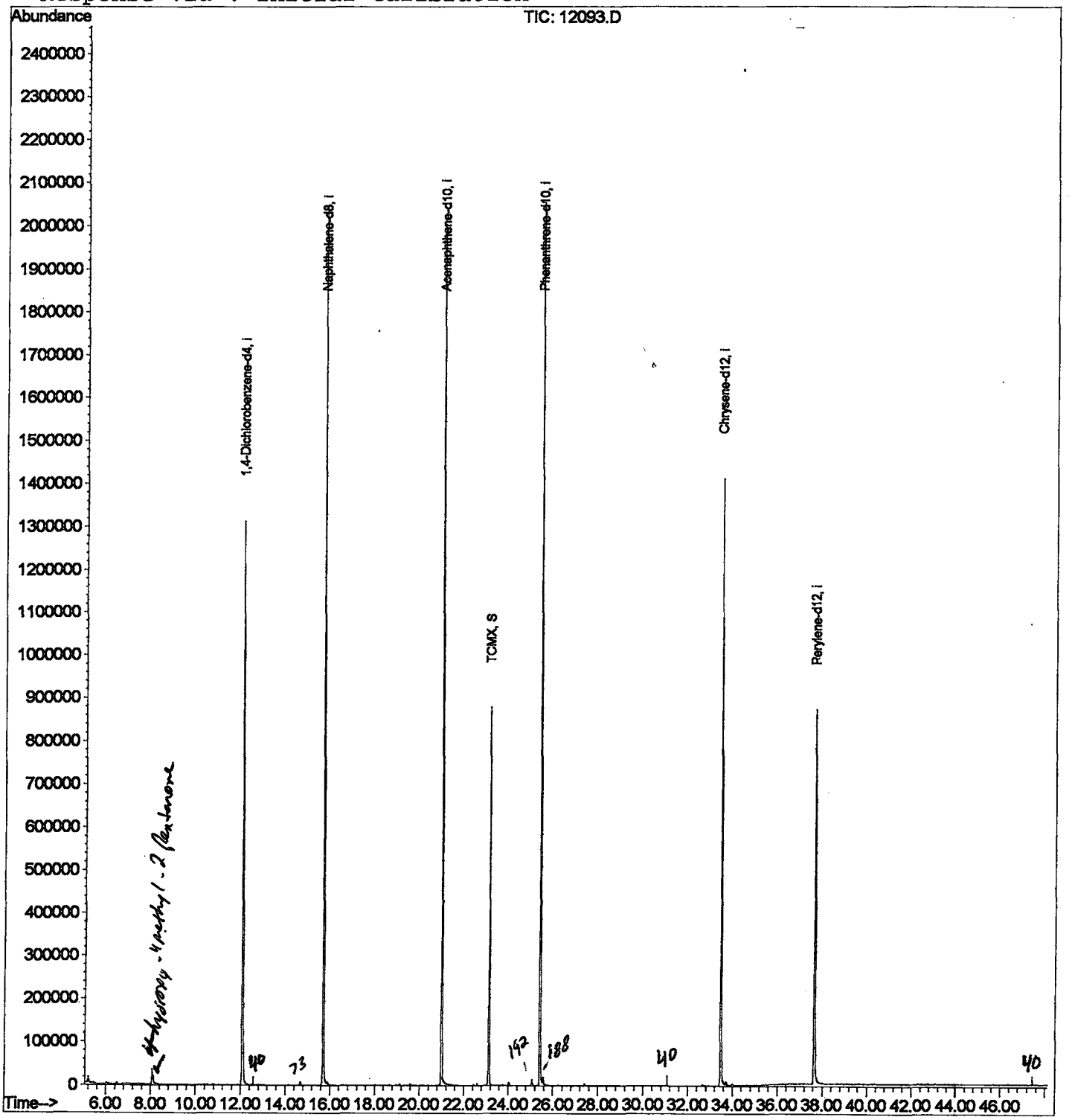
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.49	178	351	N.D.	
36)	Di-n-butylphthalate	27.40	149	7305	N.D.	
37)	Fluoranthene	29.12	202	234	N.D.	
39)	Pyrene	29.78	202	194	N.D.	
40)	Butylbenzylphthalate	31.91	149	264	N.D.	
41)	Benzo(a)anthracene	33.48	228	3320	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	5579	N.D.	
43)	Chrysene	33.55	228	745	N.D.	
45)	Di-n-Octylphthalate	35.45	149	736	N.D.	
46)	Benzo(b)fluoranthene	36.52	252	1401	N.D.	
47)	Benzo(k)fluoranthene	36.58	252	2226	N.D.	
48)	Benzo(a)pyrene	37.47	252	1092	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\MAY3002\12093.D Vial: 13
Acq On : 31 May 2002 1:52 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:25 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12093.D Vial: 13
Acq On : 31 May 2002 1:52 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

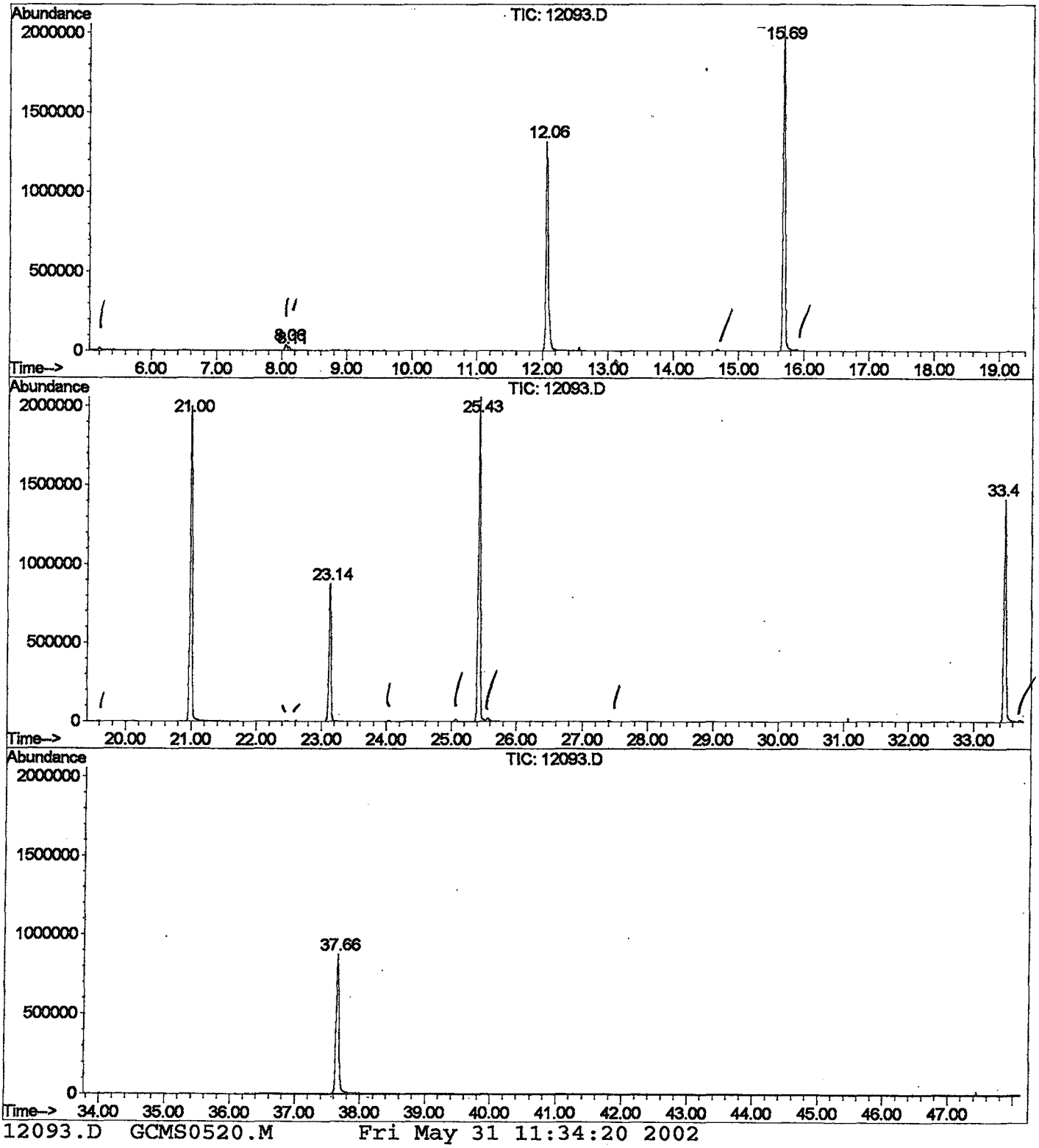
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.062	325	329	332	rBV	36024	75650	1.66%	0.305%
2	8.108	332	334	344	rVB	20164	51215	1.12%	0.206%
3	12.064	759	765	787	rBV	1313393	3275959	71.75%	13.193%
4	15.690	1153	1160	1174	rBV	2039699	4463506	97.76%	17.975%
5	20.997	1730	1738	1753	rBV	1998400	4493277	98.41%	18.095%
6	23.136	1962	1971	1984	rBV	878100	1922718	42.11%	7.743%
7	25.431	2212	2221	2231	rBV2	2053603	4565883	100.00%	18.388%
8	33.473	3090	3097	3111	rBV2	1412951	3405777	74.59%	13.716%
9	37.659	3544	3553	3573	rBV2	868526	2577309	56.45%	10.379%

Sum of corrected areas: 24831294

12093.D GCMS0520.M Fri May 31 11:34:19 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3002\12093.D
Operator : Morgan
Acquired : 31 May 2002 1:52 am using AcqMethod GCMS0528
Instrument : 209
Sample Name: re-ext
Misc Info :
Vial Number: 13
Quant File :GCMS0520.RES (RTE Integrator)



12093.D GCMS0520.M Fri May 31 11:34:20 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12093.D
Acq On : 31 May 2002 1:52 am
Sample : re-ext
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: Morgan
Inst : 209
Multiplr: 1.00

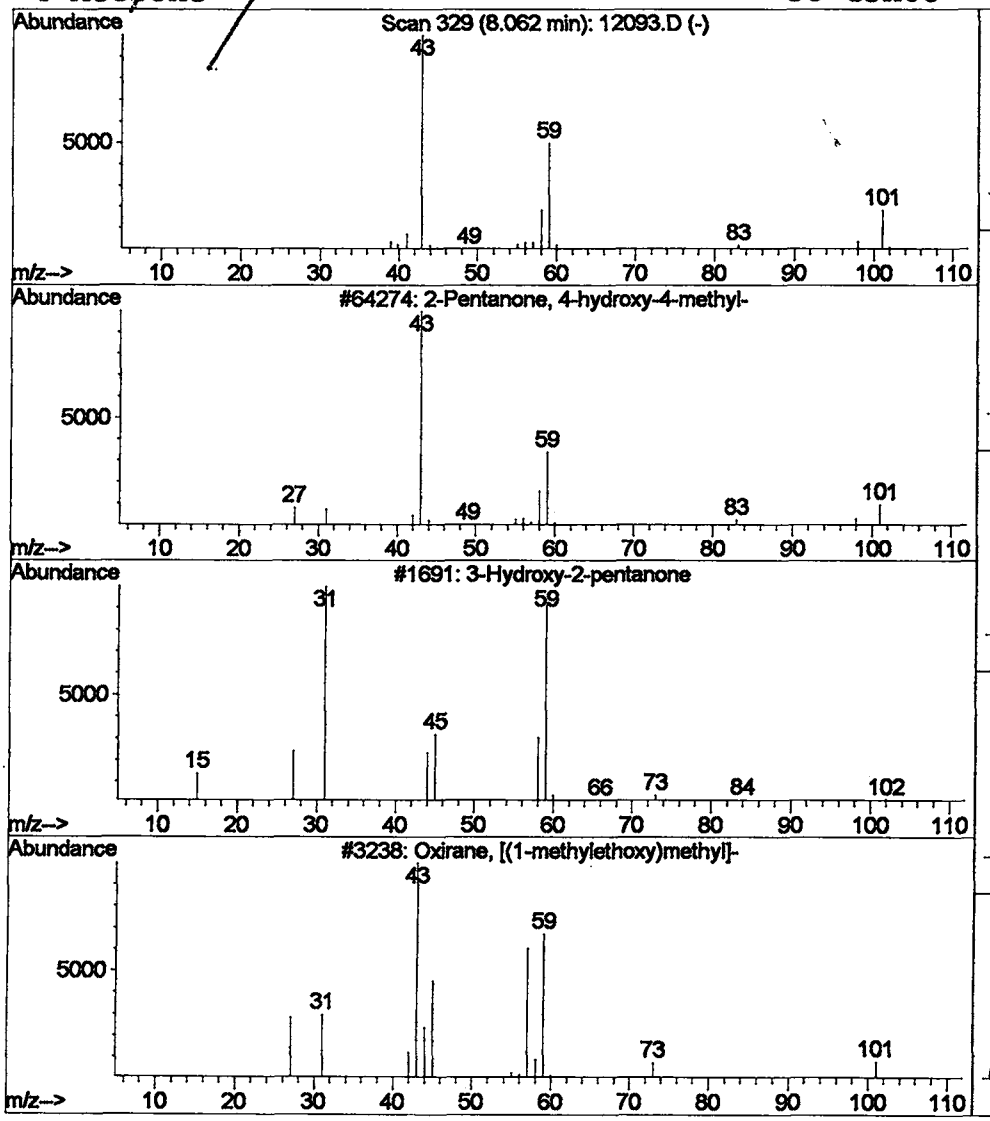
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

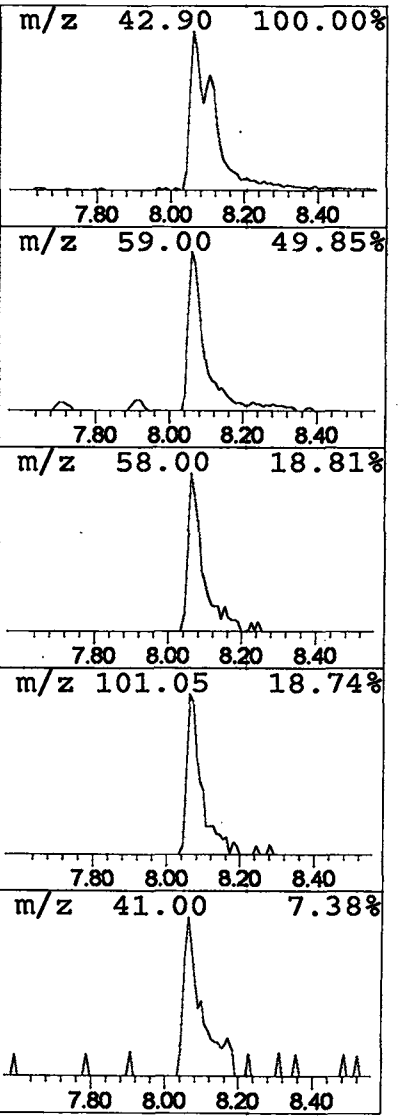
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	0.92 ug/l	75650	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Oxirane, [(1-methylethoxy)methyl]-	116	C6H12O2	004016-14-2	9
4	Acetone	58	C3H6O	000067-64-1	7





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12093.D
Acq On : 31 May 2002 1:52 am
Sample : re-ext
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: Morgan
Inst : 209
Multiplr: 1.00

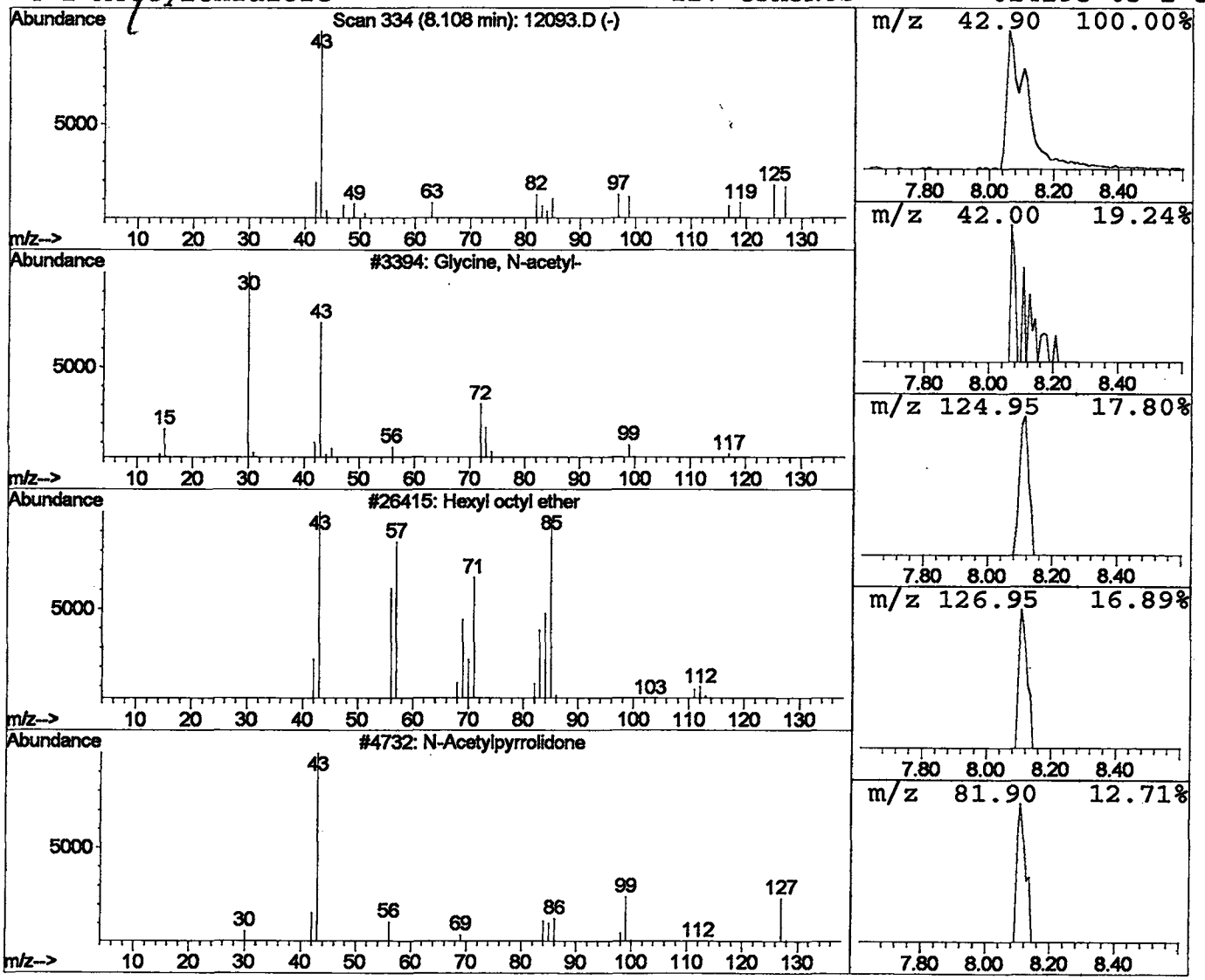
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Glycine, N-acetyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.63 ug/l	51215	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Glycine, N-acetyl-	117	C4H7NO3	000543-24-8	9
2	Hexyl octyl ether	214	C14H30O	000000-00-0	8
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	7
4	2-Acetylthiazole	127	C5H5NOS	024295-03-2	5



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 1:52 am
Data File: C:\HPCHEM\1\DATA\MAY3002\12093.D
Name: re-ext
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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	8.06	0.9	ug/l	75650	ISTD01	12.06	3275960	40.0
Glycine, N-acetyl-	8.11	0.6	ug/l	51215	ISTD01	12.06	3275960	40.0

12093.D GCMS0520.M Fri May 31 11:34:22 2002