User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 08:49:14

Sample: AE09397
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/9/02 08:48 Ended: 5/9/02 08:48 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		10.0

Comments for Sample AE09397 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-09-2002 Time: 08:49:44

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

Data File : C:\HPCHEM\1\DATA\MAY0102\9397.D Vial: 15
Acq On : 1 May 2002 8:58 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:52 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	12.21	152	475145	40.00	ug/l	0.00
10) Naphthalene-d8	15.84	136	1752363	40.00	ug/l	-0.02
17) Acenaphthene-d10	21.14	164	920083	40.00	ug/l	0.00
30) Phenanthrene-d10	25.59	188	1248017	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	732443	40.00	ug/l	-0.03
44) Perylene-d12	37.87	264	439138	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.28	209	37146	8.29	ug/L	-0.02
Spiked Amount 10.000			Recovery = 82.90%			
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	15.90	128	225	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	761	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	421	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0102\9397.D Vial: 15
Acq On : 1 May 2002 8:58 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
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

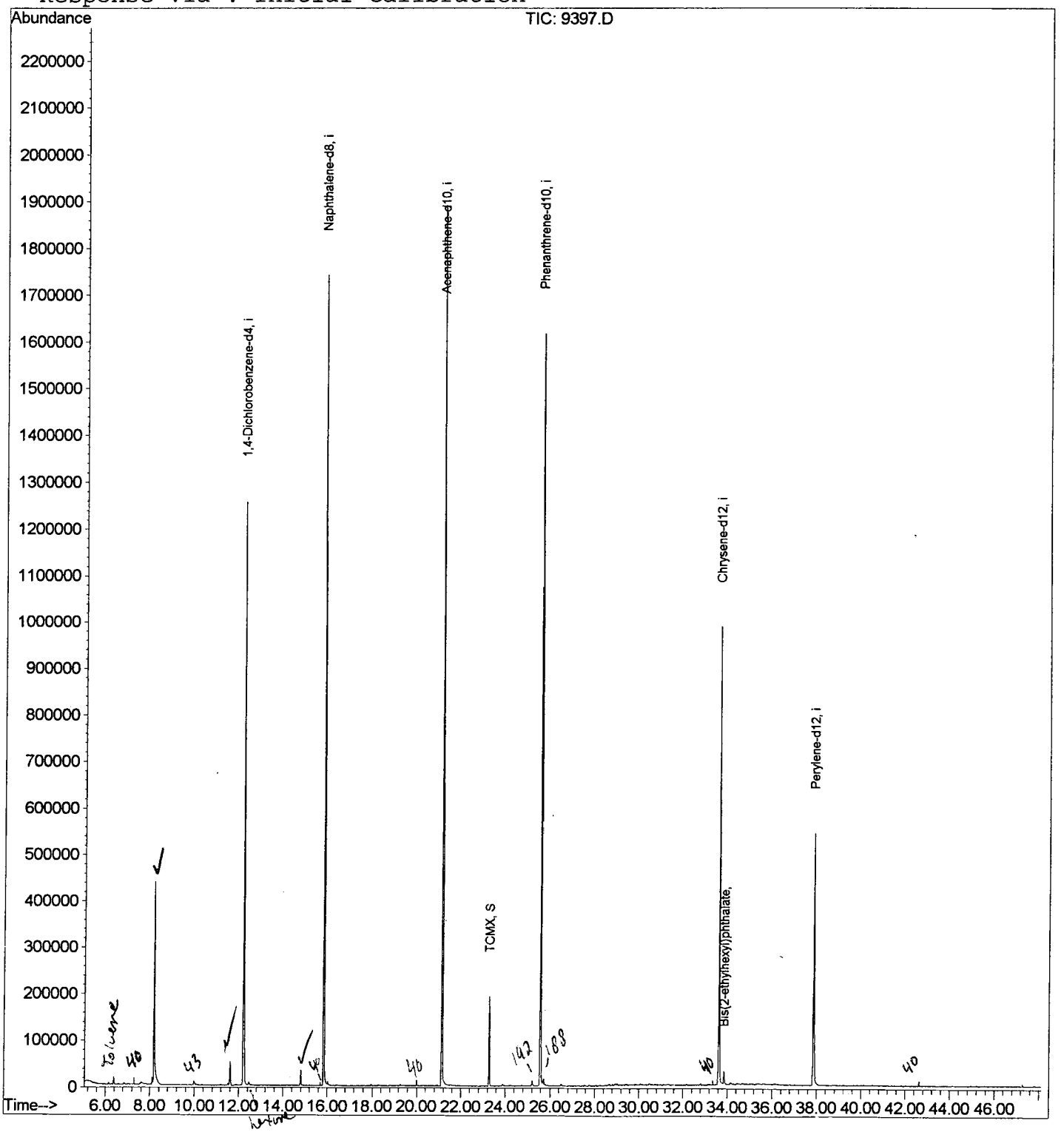
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.59	178	421	N.D.	
36)	Di-n-butylphthalate	27.55	149	3514	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.07	149	285	N.D.	
41)	Benzo(a)anthracene	33.64	228	1617	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	17265	0.99 ug/l	99
43)	Chrysene	33.64	228	1617	N.D.	
45)	Di-n-Octylphthalate	35.61	149	578	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.87	252	1651	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\MAY0102\9397.D Vial: 15
Acq On : 1 May 2002 8:58 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:52 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9397.D Vial: 15
Acq On : 1 May 2002 8:58 pm Operator:
Sample : gc/ms scan 4/18 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

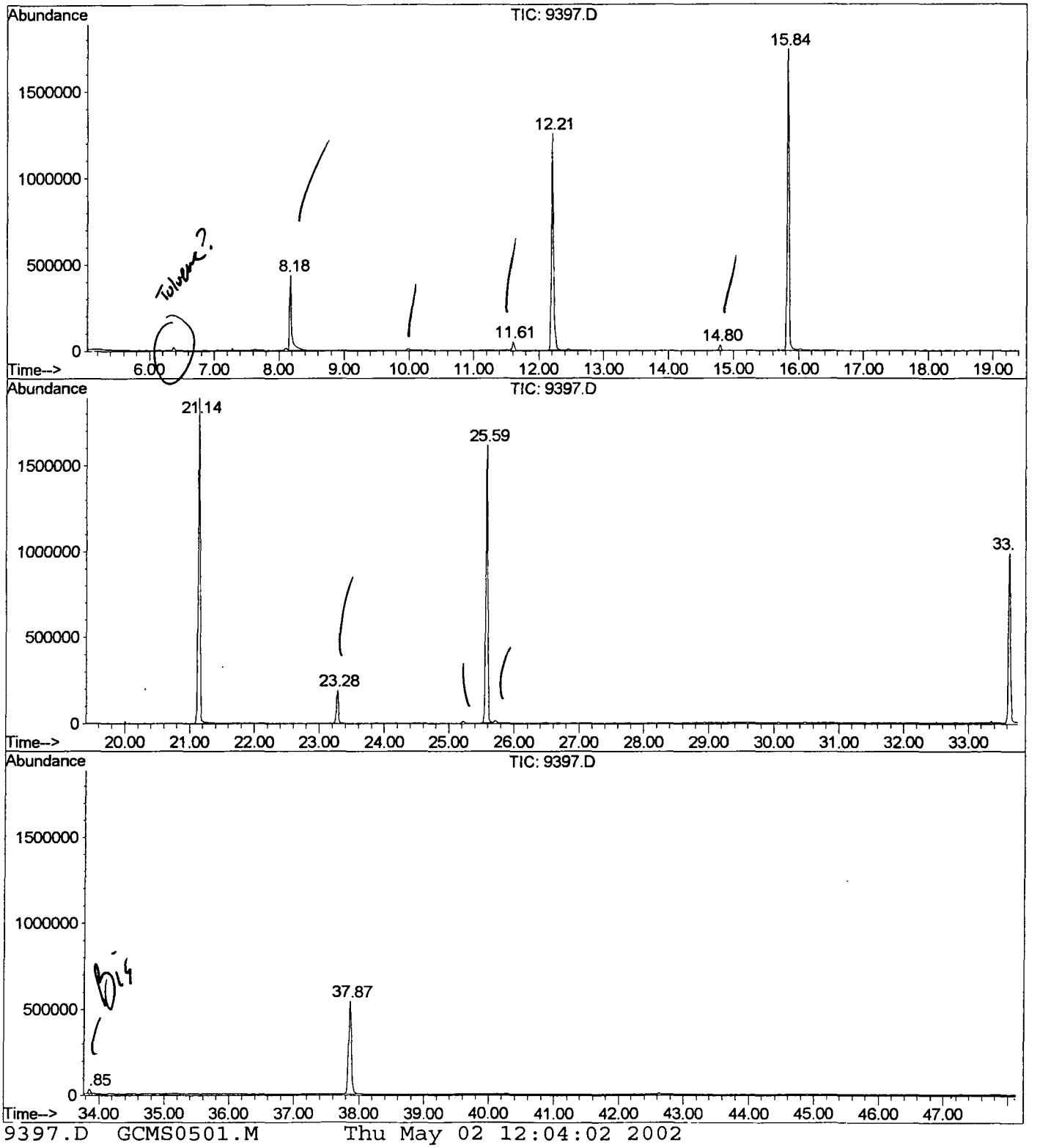
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.175	338	342	370	rVB	435398	978688	25.49%	5.120%
2	11.612	710	717	724	rVB	51270	114944	2.99%	0.601%
3	12.207	776	782	798	rVB	1252588	2830335	73.71%	14.807%
4	14.801	1061	1065	1071	rBV	32680	62273	1.62%	0.326%
5	15.836	1172	1178	1194	rBV	1738484	3591572	93.53%	18.790%
6	21.142	1750	1757	1771	rBV	1888124	3840037	100.00%	20.090%
7	23.277	1984	1990	1998	rBV	191085	380056	9.90%	1.988%
8	25.586	2235	2242	2252	rBV2	1612201	3431521	89.36%	17.953%
9	33.641	3114	3121	3135	rBV2	983497	2244729	58.46%	11.744%
10	33.852	3140	3144	3152	rVB	25923	61008	1.59%	0.319%
11	37.865	3573	3582	3598	rBV2	540669	1579250	41.13%	8.262%

Sum of corrected areas: 19114413

9397.D GCMS0501.M Thu May 02 12:04:02 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0102\9397.D
Operator :
Acquired : 1 May 2002 8:58 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: gc/ms scan 4/18
Misc Info :
Vial Number: 15
Quant File :GCMS0501.RES (RTE Integrator)



9397.D GCMS0501.M Thu May 02 12:04:02 2002

Data File : C:\HPCHEM\1\DATA\MAY0102\9397.D
Acq On : 1 May 2002 8:58 pm
Sample : gc/ms scan 4/18
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator:
Inst : 209
Multiplr: 1.00

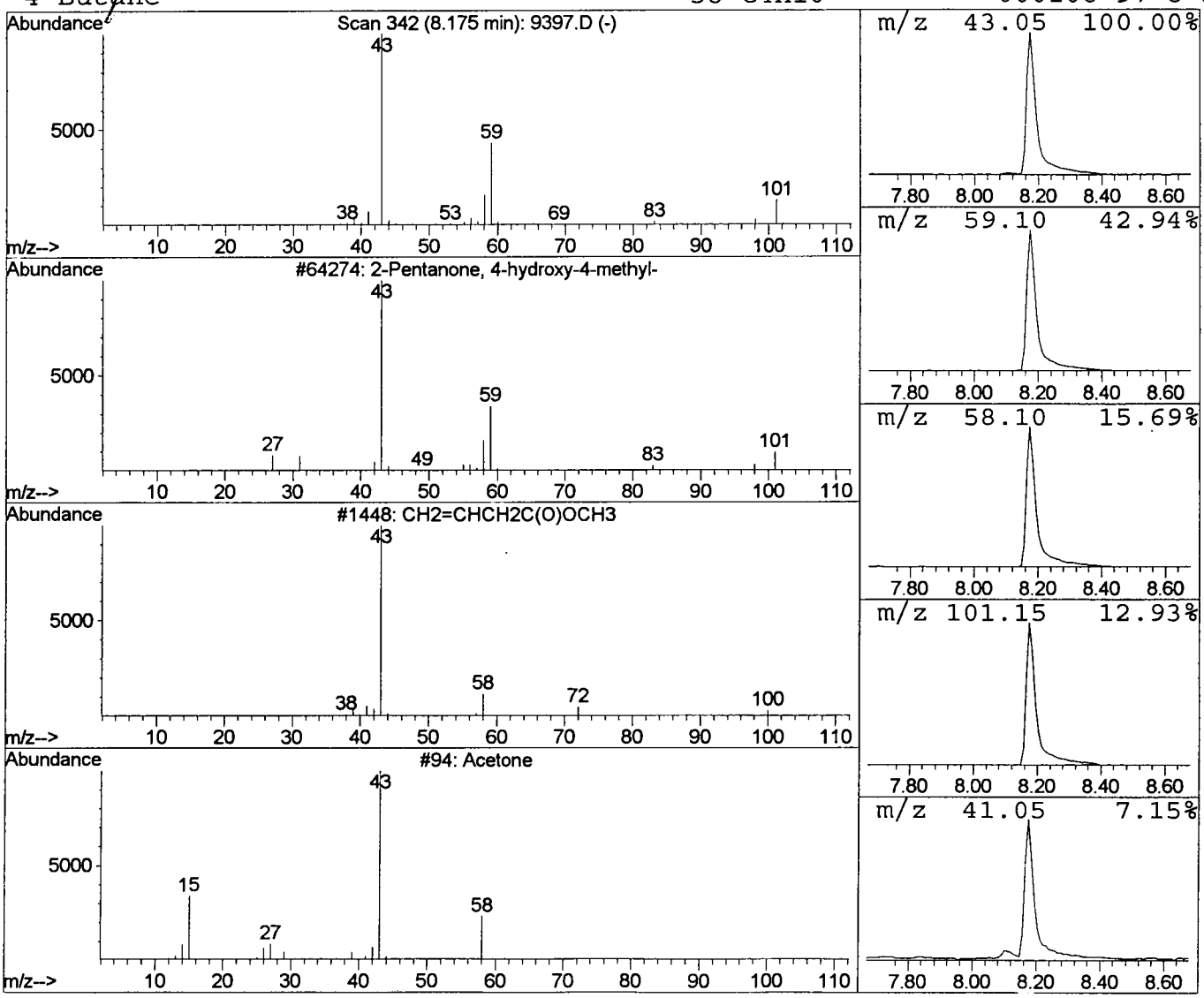
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.18	13.83 ug/l	978688	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
3	Acetone	58	C3H6O	000067-64-1	7
4	Butane	58	C4H10	000106-97-8	5



Data File : C:\HPCHEM\1\DATA\MAY0102\9397.D Vial: 15
Acq On : 1 May 2002 8:58 pm Operator:
Sample : gc/ms scan 4/18 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

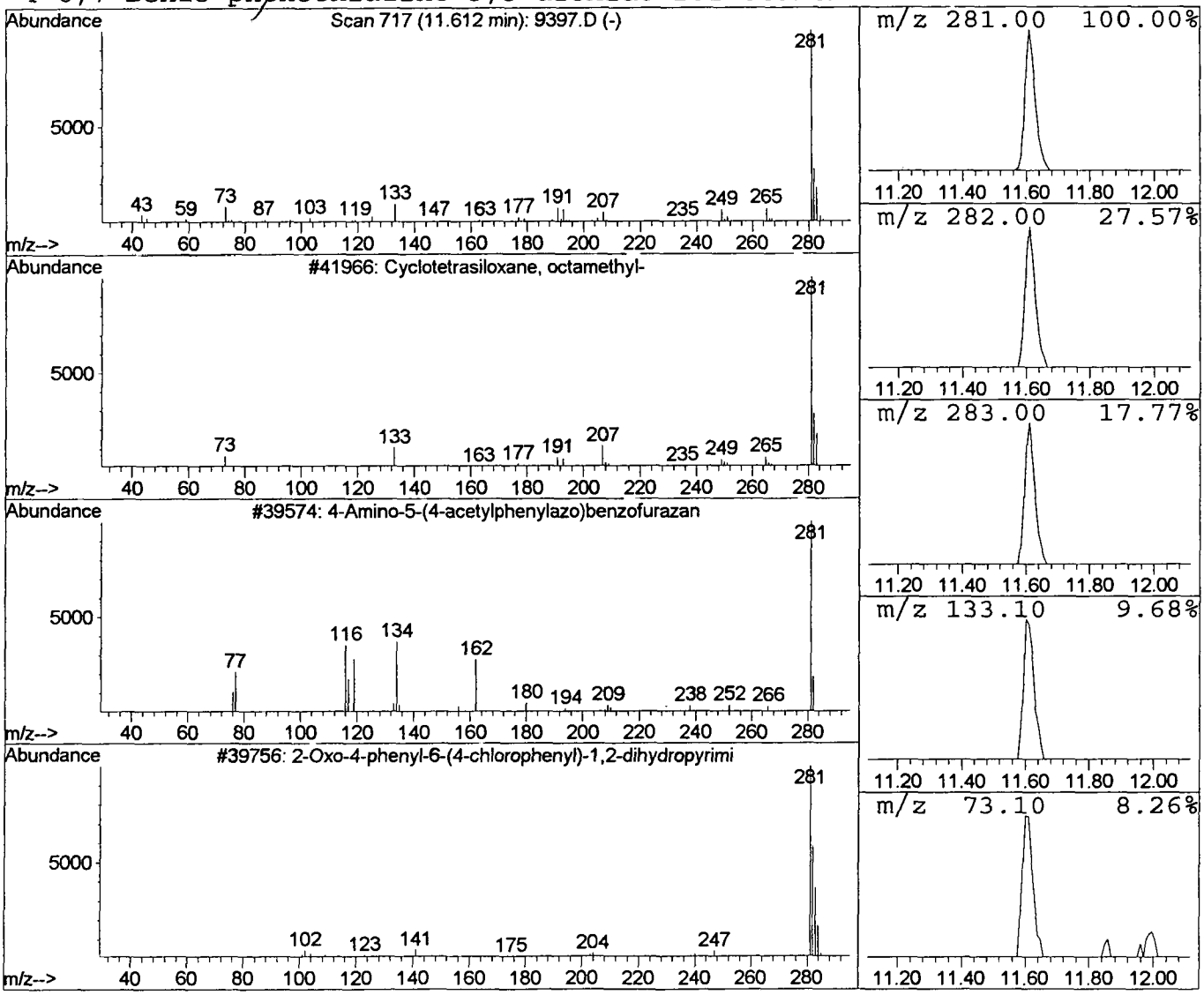
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	1.62 ug/l	114944	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	87
2	4-Amino-5-(4-acetylphenylazo)benzof	281	C14H11N5O2	000000-00-0	38
3	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
4	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9



Data File : C:\HPCHEM\1\DATA\MAY0102\9397.D
Acq On : 1 May 2002 8:58 pm
Sample : gc/ms scan 4/18
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator:
Inst : 209
Multiplr: 1.00

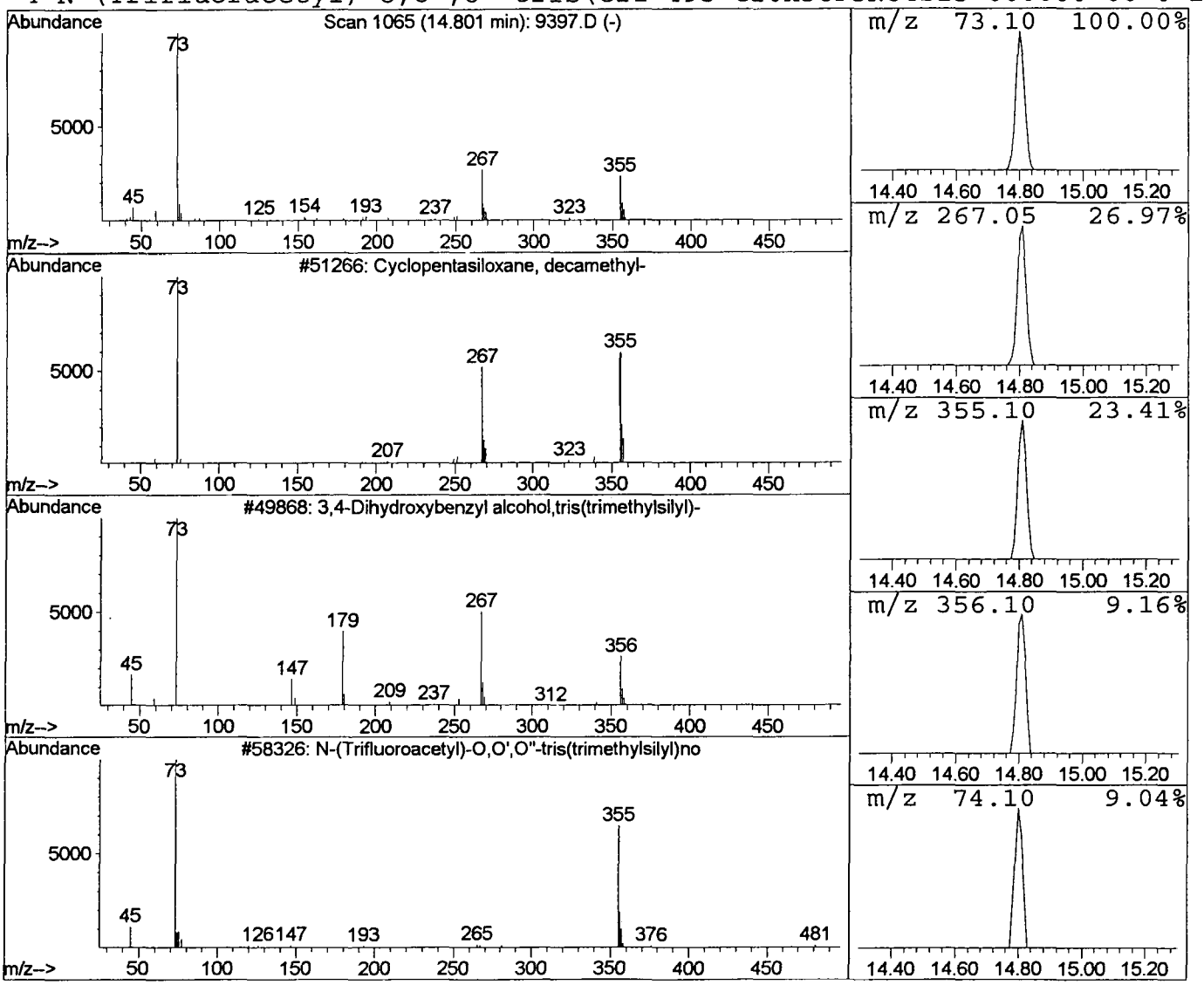
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	0.69 ug/l	62273	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	72
2	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	38
3	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	28
4	N-(Trifluoroacetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 May 2002 8:58 pm
Data File: C:\HPCHEM\1\DATA\MAY0102\9397.D
Name: gc/ms scan 4/18
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	8.18	13.8	ug/l	978688	ISTD01	12.21	2830340	40.0
Cyclotetrasiloxane,	11.61	1.6	ug/l	114944	ISTD01	12.21	2830340	40.0
Cyclopentasiloxane,	14.80	0.7	ug/l	62273	ISTD02	15.84	3591570	40.0

9397.D GCMS0501.M Thu May 02 12:04:05 2002