User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/09/2002 Time: 08:47:55

Sample: AE09396
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/9/02 08:47 Ended: 5/9/02 08:47 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		82		10.0

Comments for Sample AE09396 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-09-2002 Time: 08:48:19

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

Data File : C:\HPCHEM\1\DATA\MAY0102\9396.D Vial: 14
Acq On : 1 May 2002 8:04 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	458420	40.00	ug/l	0.00
10) Naphthalene-d8	15.84	136	1704070	40.00	ug/l	0.00
17) Acenaphthene-d10	21.14	164	906276	40.00	ug/l	0.00
30) Phenanthrene-d10	25.58	188	1288319	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	864209	40.00	ug/l	-0.03
44) Perylene-d12	37.86	264	549296	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.28	209	35949	8.15	ug/L	-0.02
Spiked Amount 10.000			Recovery = 81.50%			
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	15.89	128	293	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	783	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	25.65	178	238	N.D.		

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

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MS Integration Params: GOOFY.P
Quant Time: May 2 11:52 2002 Quant Results File: GCMS0501.RES

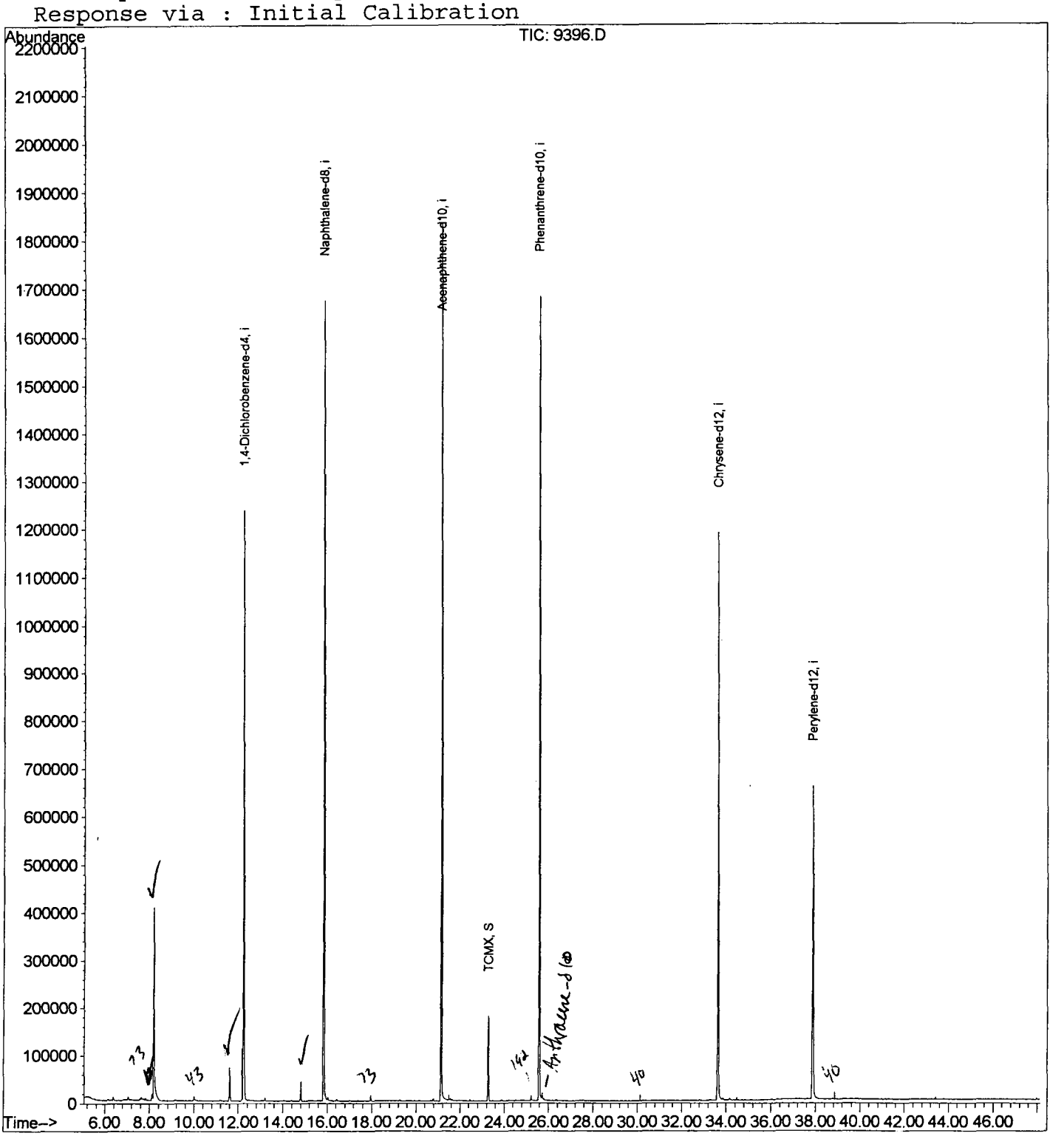
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0501

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.65	178	238	N.D.	
36)	Di-n-butylphthalate	27.55	149	2344	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	1959	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	1711	N.D.	
43)	Chrysene	33.64	228	1959	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	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	37.86	252	2012	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.	

Data File : C:\HPCHEM\1\DATA\MAY0102\9396.D
Acq On : 1 May 2002 8:04 pm
Sample : gc/ms scan 4/18
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 2 11:52 2002

Vial: 14
Operator:
Inst : 209
Multiplr: 1.00
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\MAY0102\9396.D Vial: 14
Acq On : 1 May 2002 8:04 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

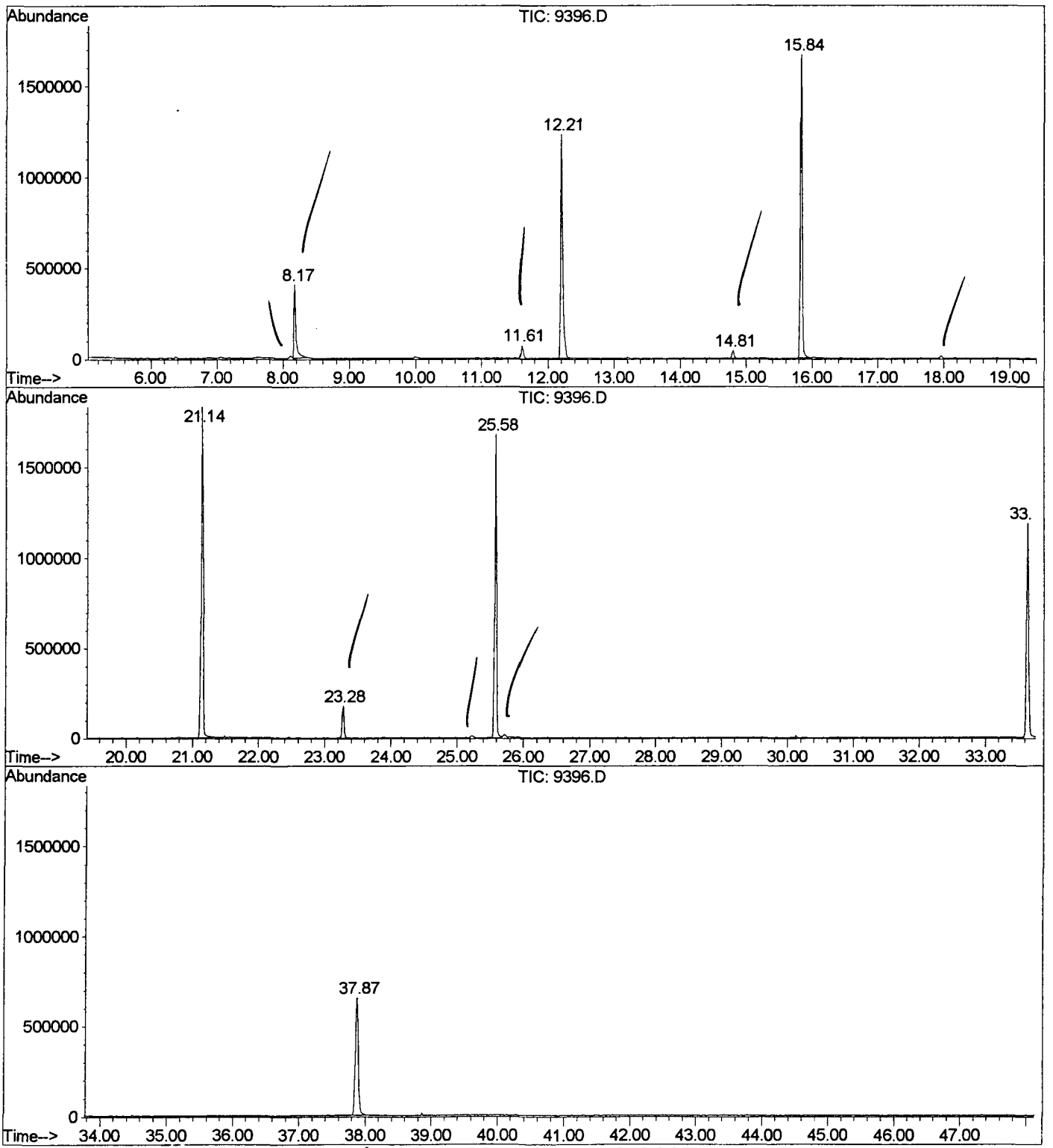
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.174	339	342	364	rVV	402219	879219	23.35%	4.479%
2	11.610	710	717	726	rBV	70585	152569	4.05%	0.777%
3	12.206	776	782	799	rVB	1232043	2749590	73.03%	14.008%
4	14.808	1061	1066	1074	rVB	41183	80967	2.15%	0.412%
5	15.844	1173	1179	1196	rBV	1669024	3496588	92.87%	17.814%
6	21.140	1750	1757	1774	rBV	1831842	3765134	100.00%	19.182%
7	23.276	1982	1990	1998	rBV	177691	366751	9.74%	1.868%
8	25.585	2235	2242	2253	rBV2	1677958	3527775	93.70%	17.973%
9	33.640	3114	3121	3140	rBV2	1185105	2646883	70.30%	13.485%
10	37.873	3574	3583	3599	rBV2	653247	1962897	52.13%	10.000%

Sum of corrected areas: 19628373

9396.D GCMS0501.M Thu May 02 12:03:45 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0102\9396.D
Operator :
Acquired : 1 May 2002 8:04 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: gc/ms scan 4/18
Misc Info :
Vial Number: 14
Quant File :GCMS0501.RES (RTE Integrator)



9396.D GCMS0501.M Thu May 02 12:03:46 2002

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Data File : C:\HPCHEM\1\DATA\MAY0102\9396.D              Vial: 14
Acq On    :  1 May 2002    8:04 pm                    Operator:
Sample    : gc/ms scan 4/18                           Inst    : 209
Misc      :                                           Multiplr: 1.00
MS Integration Params: LSCINT.P

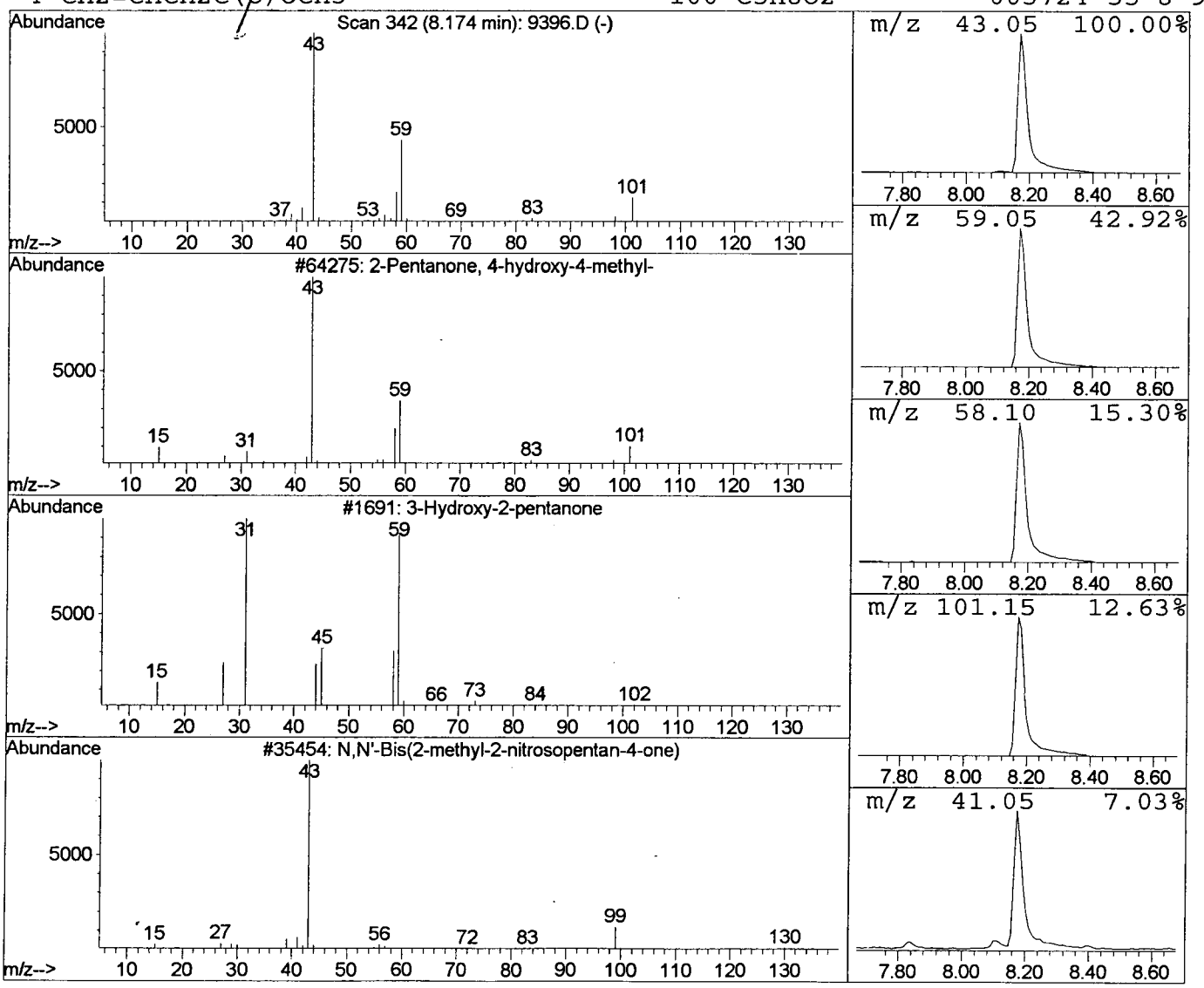
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title        : 209 625/TCLP calibration table
Library      : C:\DATABASE\NBS75K.L
```

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.17	12.79 ug/l	879219	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	45
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9



Data File : C:\HPCHEM\1\DATA\MAY0102\9396.D Vial: 14
Acq On : 1 May 2002 8:04 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

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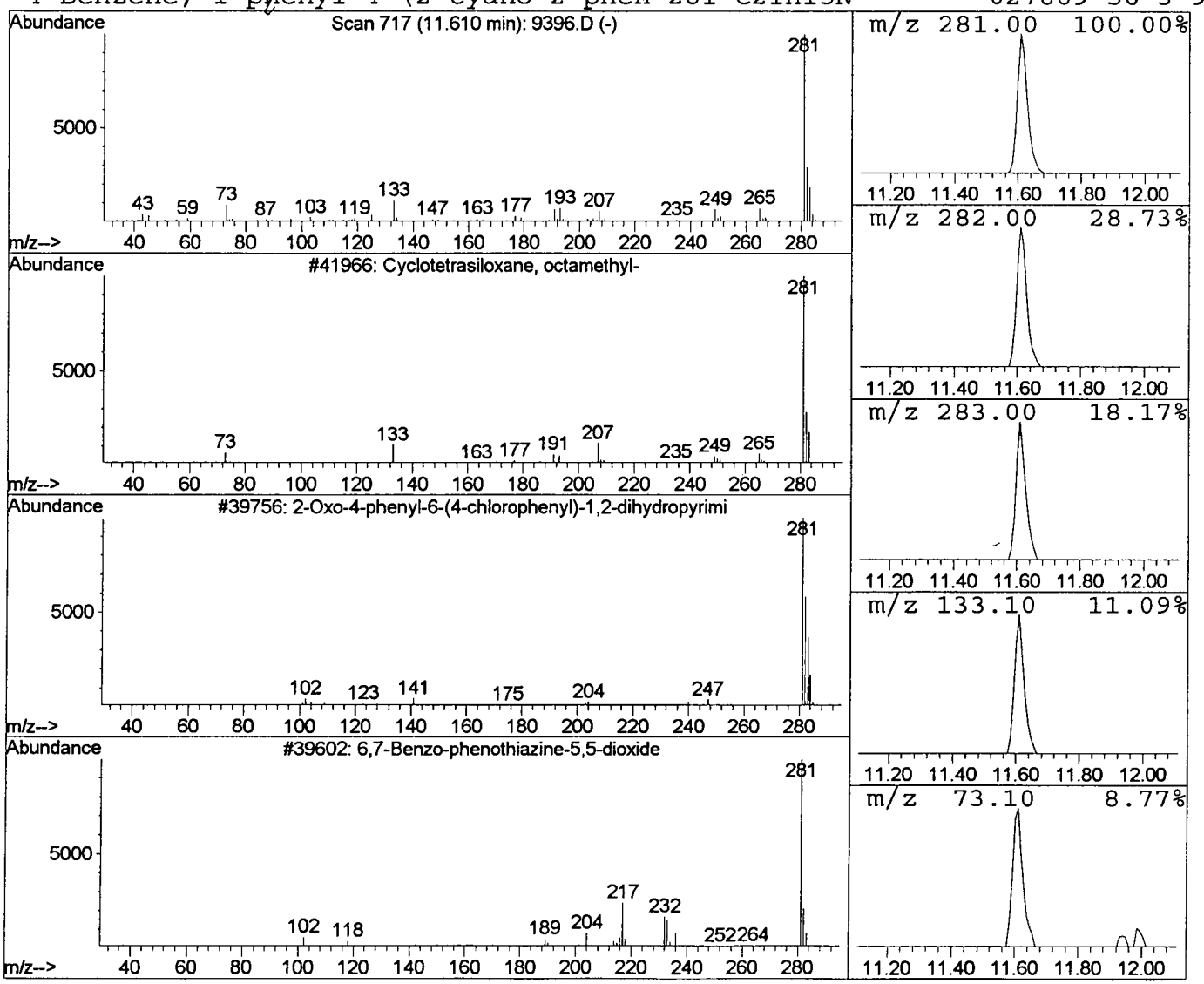
Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.22 ug/l	152569	1,4-Dichlorobenzene-d4	12.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	86
2	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	6,7-Benzo-phenothiazine-5,5-dioxide	281	C16H11NO2S	000000-00-0	9
4	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9



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Data File : C:\HPCHEM\1\DATA\MAY0102\9396.D              Vial: 14
Acq On    :  1 May 2002    8:04 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
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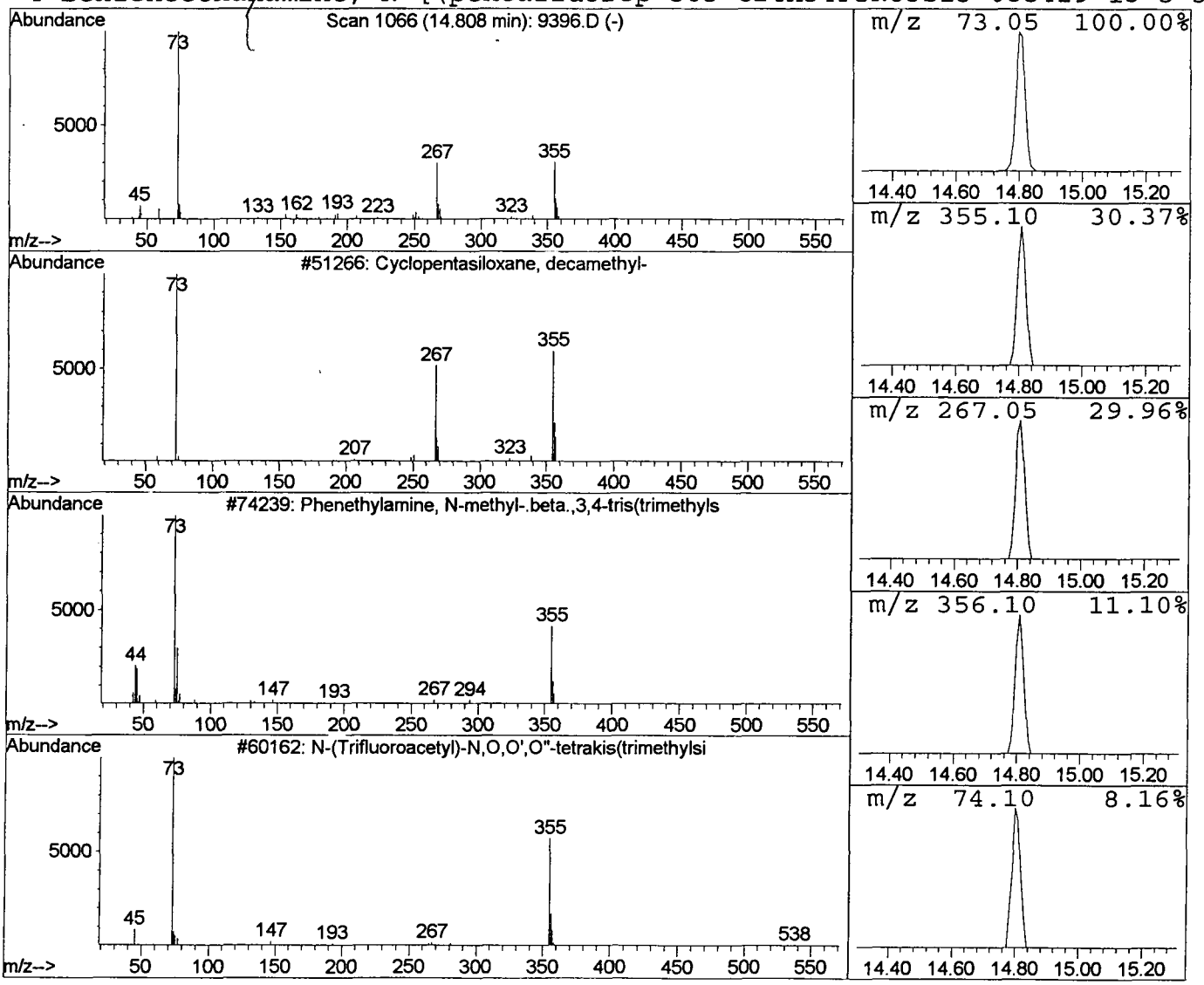
Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	0.93 ug/l	80967	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	40
3	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	38
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 May 2002 8:04 pm
Data File: C:\HPCHEM\1\DATA\MAY0102\9396.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	8.17	12.8	ug/l	879219	ISTD01	12.21	2749590	40.0
Cyclotetrasiloxane,	11.61	2.2	ug/l	152569	ISTD01	12.21	2749590	40.0
Cyclopentasiloxane,	14.81	0.9	ug/l	80967	ISTD02	15.84	3496590	40.0

9396.D GCMS0501.M Thu May 02 12:03:48 2002