User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/08/2002 Time: 15:48:20

Sample: AE09394
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/8/02 15:48 Ended: 5/8/02 15:48 Analyst: DLV
Page: 1

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

Comments for Sample AE09394 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-08-2002 Time: 16:01:19

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

Data File : C:\HPCHEM\1\DATA\MAY0102\9394.D Vial: 12
Acq On : 1 May 2002 6:12 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 2 11:50 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	438119	40.00	ug/l	0.00
10) Naphthalene-d8	15.84	136	1625349	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.14	164	862755	40.00	ug/l	0.00
30) Phenanthrene-d10	25.59	188	1232605	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	855601	40.00	ug/l	-0.02
44) Perylene-d12	37.87	264	544237	40.00	ug/l	-0.01
System Monitoring Compounds						
28) TCMX	23.28	209	34807	8.29	ug/L	-0.01
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	14.55	82	2701	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	20.49	163	1287	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	2081	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	25.64	178	593	N.D.		

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

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Acq On : 1 May 2002 6:12 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
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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	25.64	178	593	N.D.	
36)	Di-n-butylphthalate	27.55	149	14151	0.35 ug/l	100
37)	Fluoranthene	29.29	202	206	N.D.	
39)	Pyrene	29.96	202	193	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	2139	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.85	149	7588	0.37 ug/l #	93
43)	Chrysene	33.64	228	2138	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	37.87	252	1859	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\MAY0102\9394.D Vial: 12
Acq On : 1 May 2002 6:12 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
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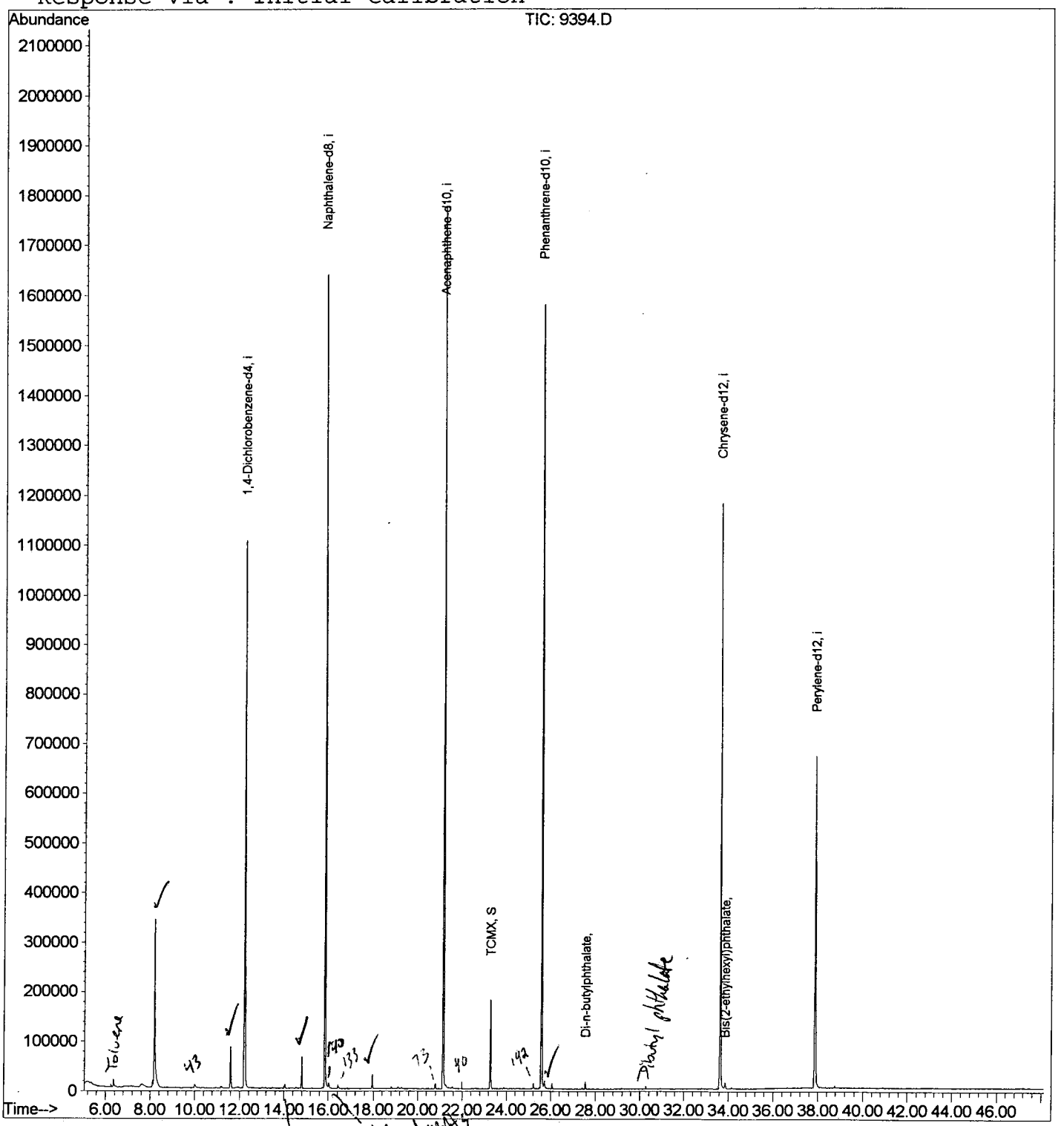
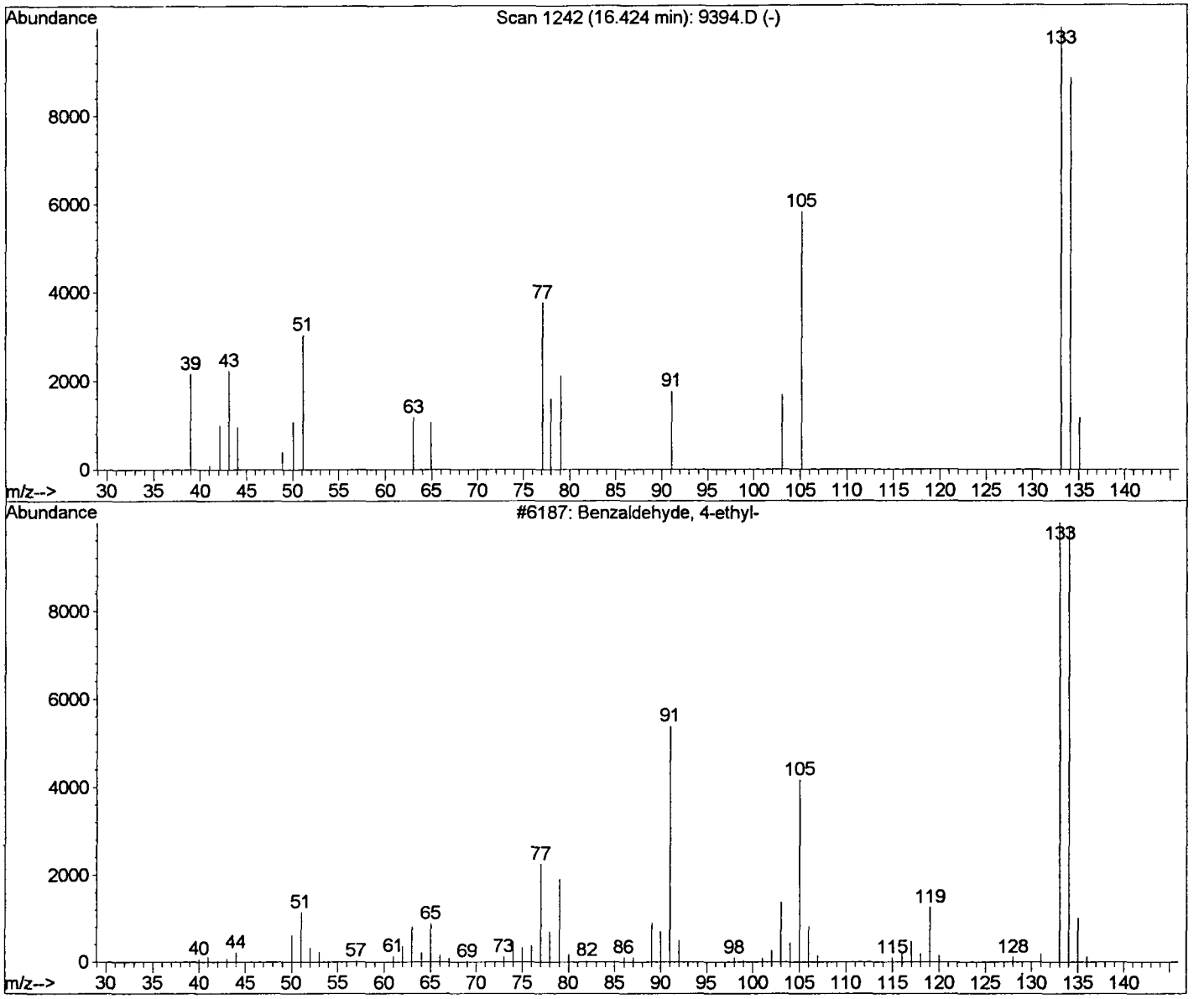
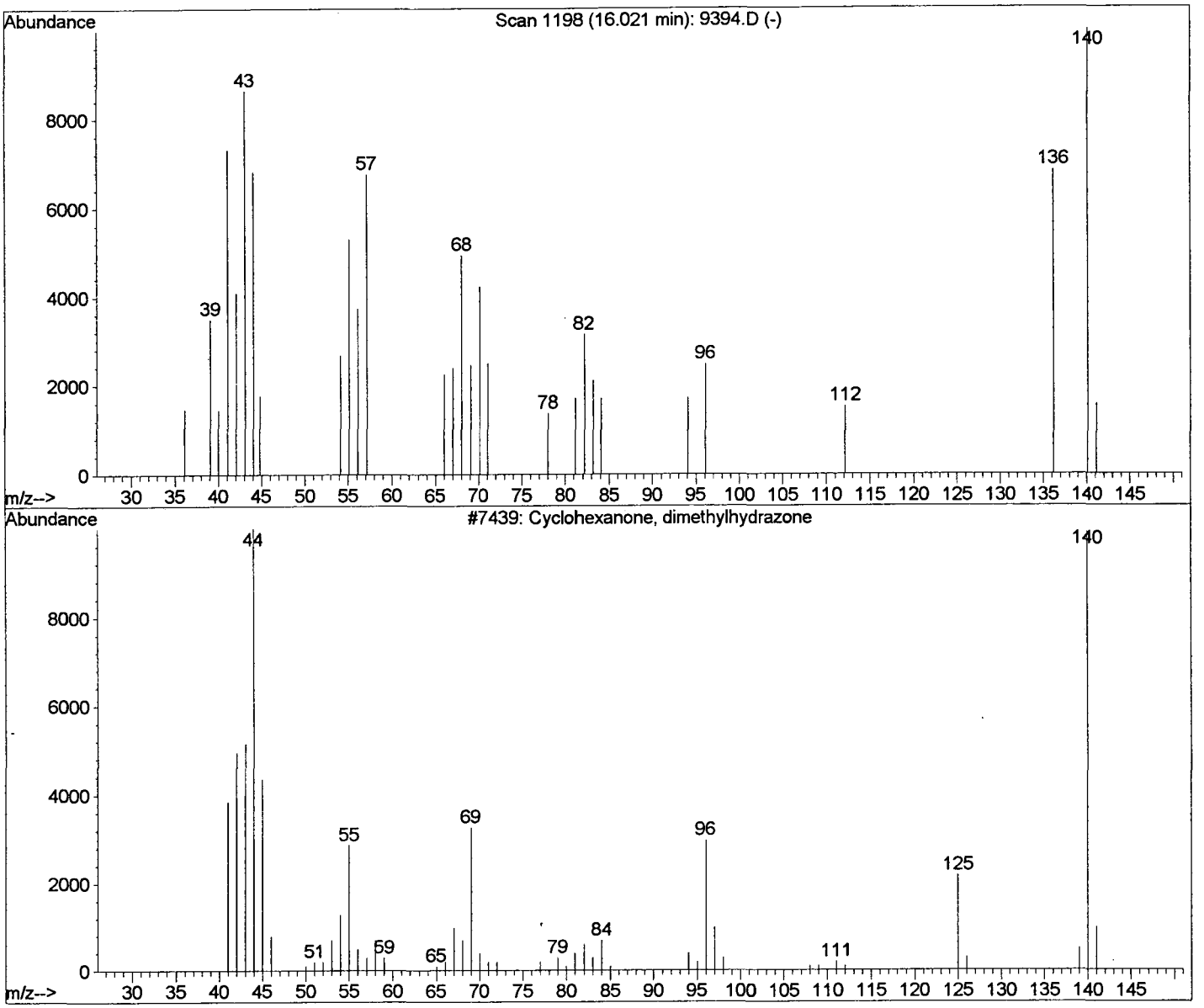
Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed May 01 10:40:31 2002
Response via : Initial Calibration



Library Searched : C:\DATABASE\nbs75k.l
Quality : 78
ID : Benzaldehyde, 4-ethyl-



Library Searched : C:\DATABASE\nbs75k.l
Quality : 35
ID : Cyclohexanone, dimethylhydrazone



Data File : C:\HPCHEM\1\DATA\MAY0102\9394.D Vial: 12
Acq On : 1 May 2002 6:12 pm Operator:
Sample : gc/ms scan 4/18 fb 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

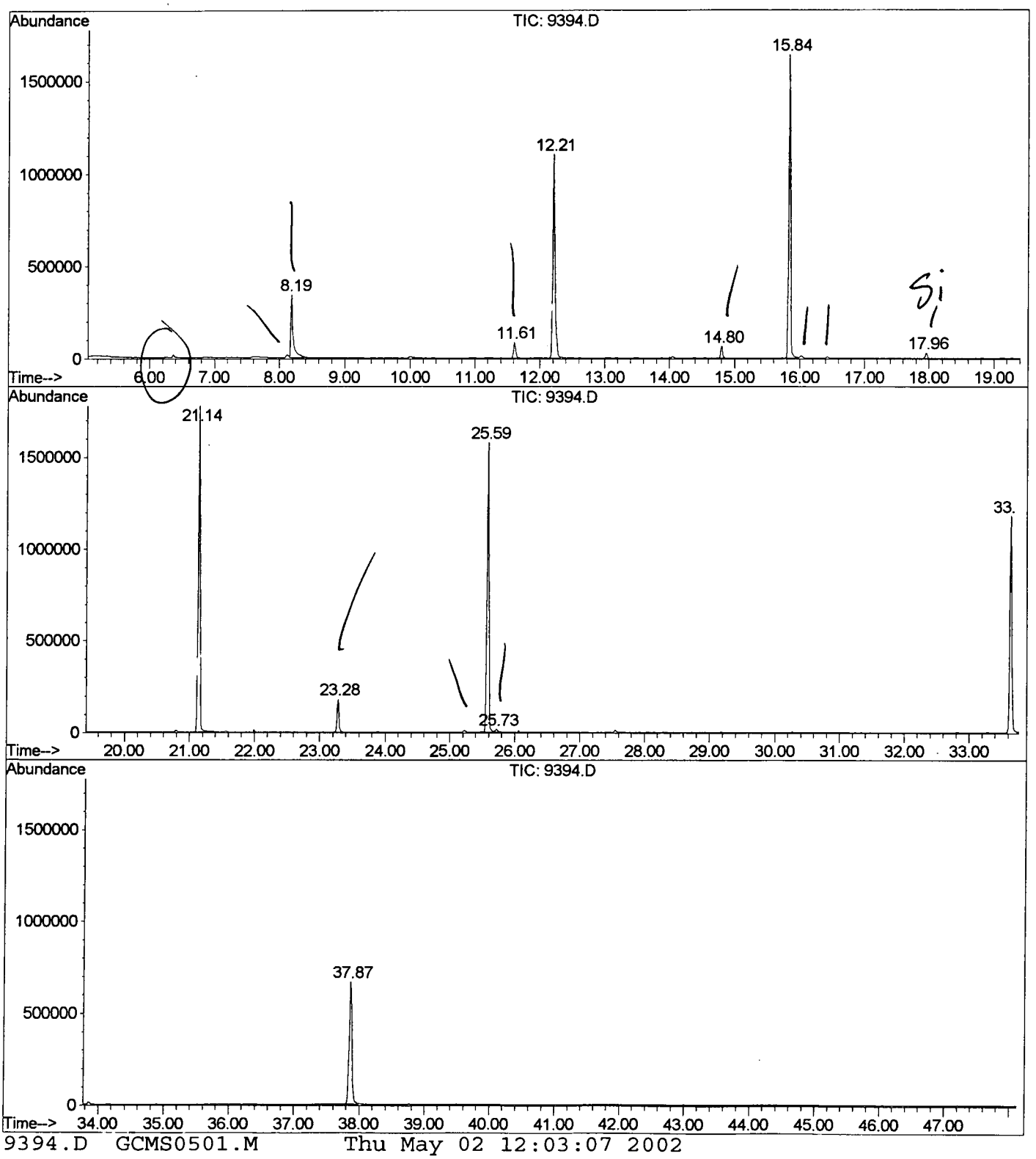
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.186	339	343	373	rVB	338150	863646	23.99%	4.510%
2	11.613	711	717	724	rBV	83849	192848	5.36%	1.007%
3	12.209	774	782	793	rBV	1103411	2629463	73.04%	13.730%
4	14.802	1059	1065	1071	rVB	63115	122569	3.40%	0.640%
5	15.838	1172	1178	1193	rBV	1634745	3325009	92.36%	17.361%
6	17.963	1405	1410	1414	rVB3	27635	55361	1.54%	0.289%
7	21.143	1750	1757	1773	rBV	1772566	3599903	100.00%	18.797%
8	23.278	1984	1990	1999	rBV2	178024	360082	10.00%	1.880%
9	25.588	2235	2242	2251	rBV2	1575401	3383933	94.00%	17.669%
10	25.725	2253	2257	2266	rVB	14692	36927	1.03%	0.193%
11	33.642	3113	3121	3138	rBV2	1177609	2643615	73.44%	13.804%
12	37.867	3574	3582	3595	rBV2	666215	1938292	53.84%	10.121%

Sum of corrected areas: 19151648

9394.D GCMS0501.M Thu May 02 12:03:06 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0102\9394.D
Operator :
Acquired : 1 May 2002 6:12 pm using AcqMethod GCMS0501
Instrument : 209
Sample Name: gc/ms scan 4/18 fb
Misc Info :
Vial Number: 12
Quant File :GCMS0501.RES (RTE Integrator)



9394.D GCMS0501.M Thu May 02 12:03:07 2002

Data File : C:\HPCHEM\1\DATA\MAY0102\9394.D Vial: 12
Acq On : 1 May 2002 6:12 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

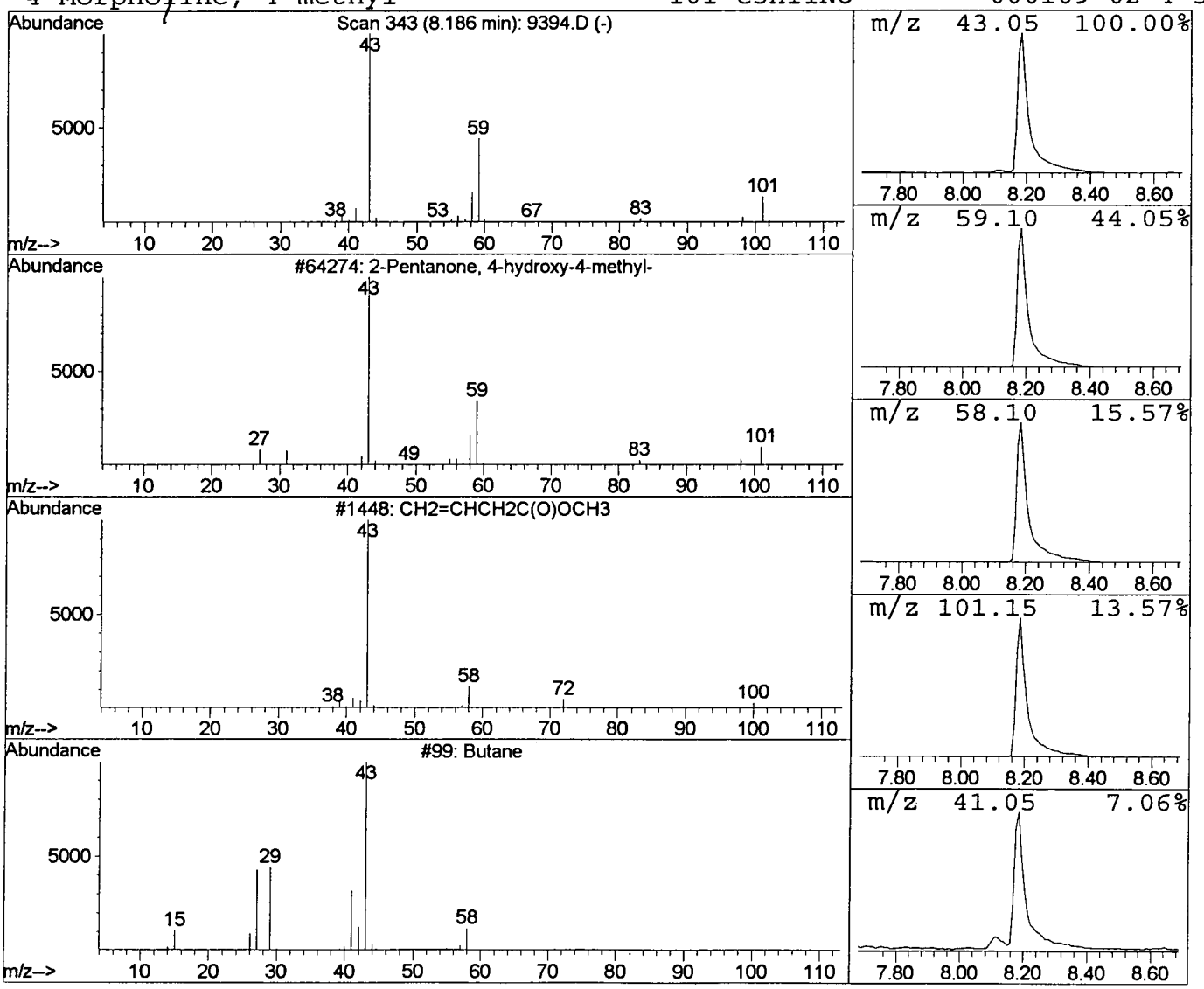
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	13.14 ug/l	863646	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	Butane	58	C4H10	000106-97-8	5
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	5



Data File : C:\HPCHEM\1\DATA\MAY0102\9394.D Vial: 12
Acq On : 1 May 2002 6:12 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

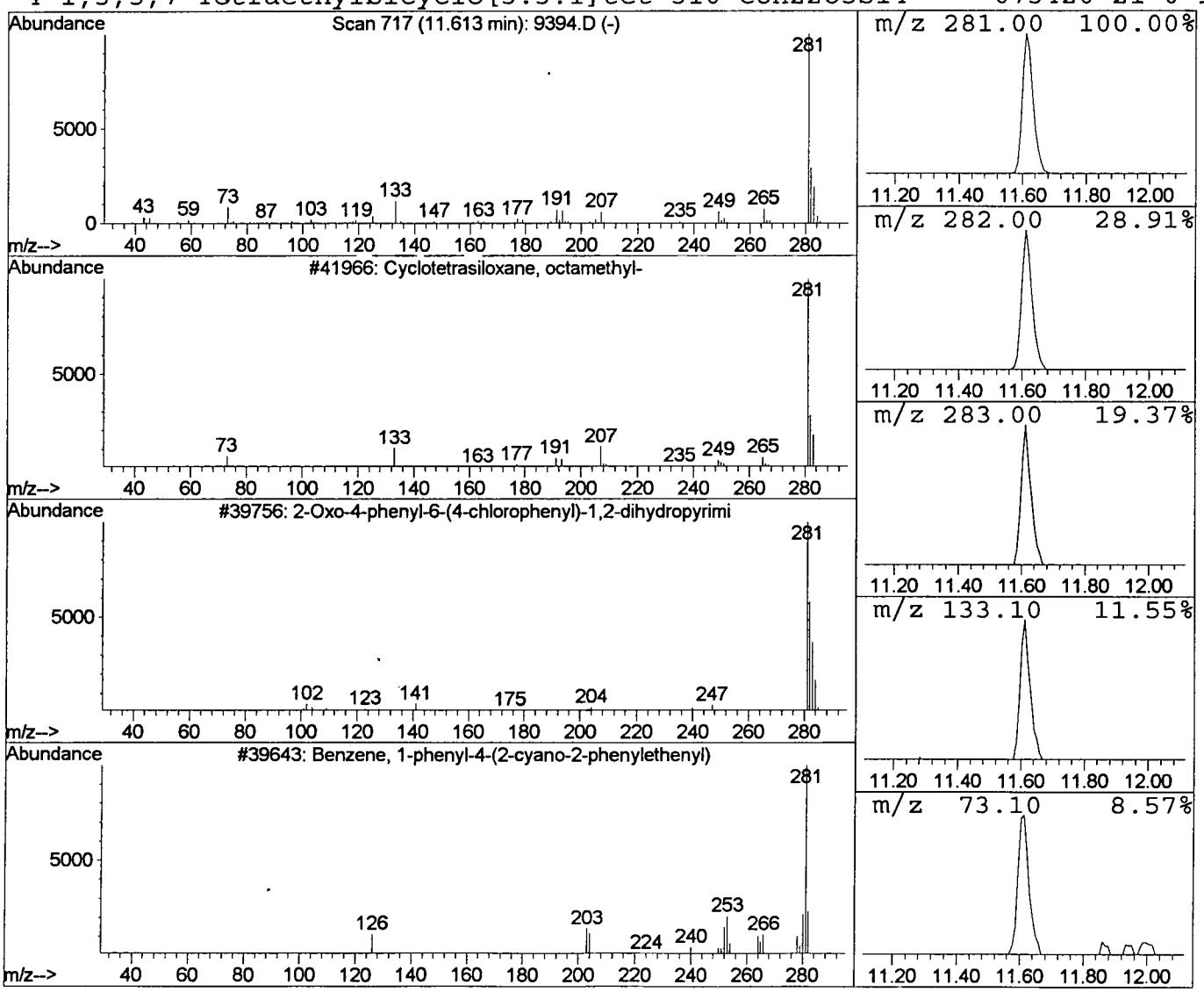
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclotetrasiloxane, octamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.61	2.93 ug/l	192848	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	2-Oxo-4-phenyl-6-(4-chlorophenyl)-1	282	C16H11ClN2O	000000-00-0	9
3	Benzene, 1-phenyl-4-(2-cyano-2-phen	281	C21H15N	027869-56-3	9
4	1,3,5,7-Tetraethylbicyclo[3.3.1]tet	310	C8H22O5Si4	073420-21-0	9



Data File : C:\HPCHEM\1\DATA\MAY0102\9394.D Vial: 12
Acq On : 1 May 2002 6:12 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

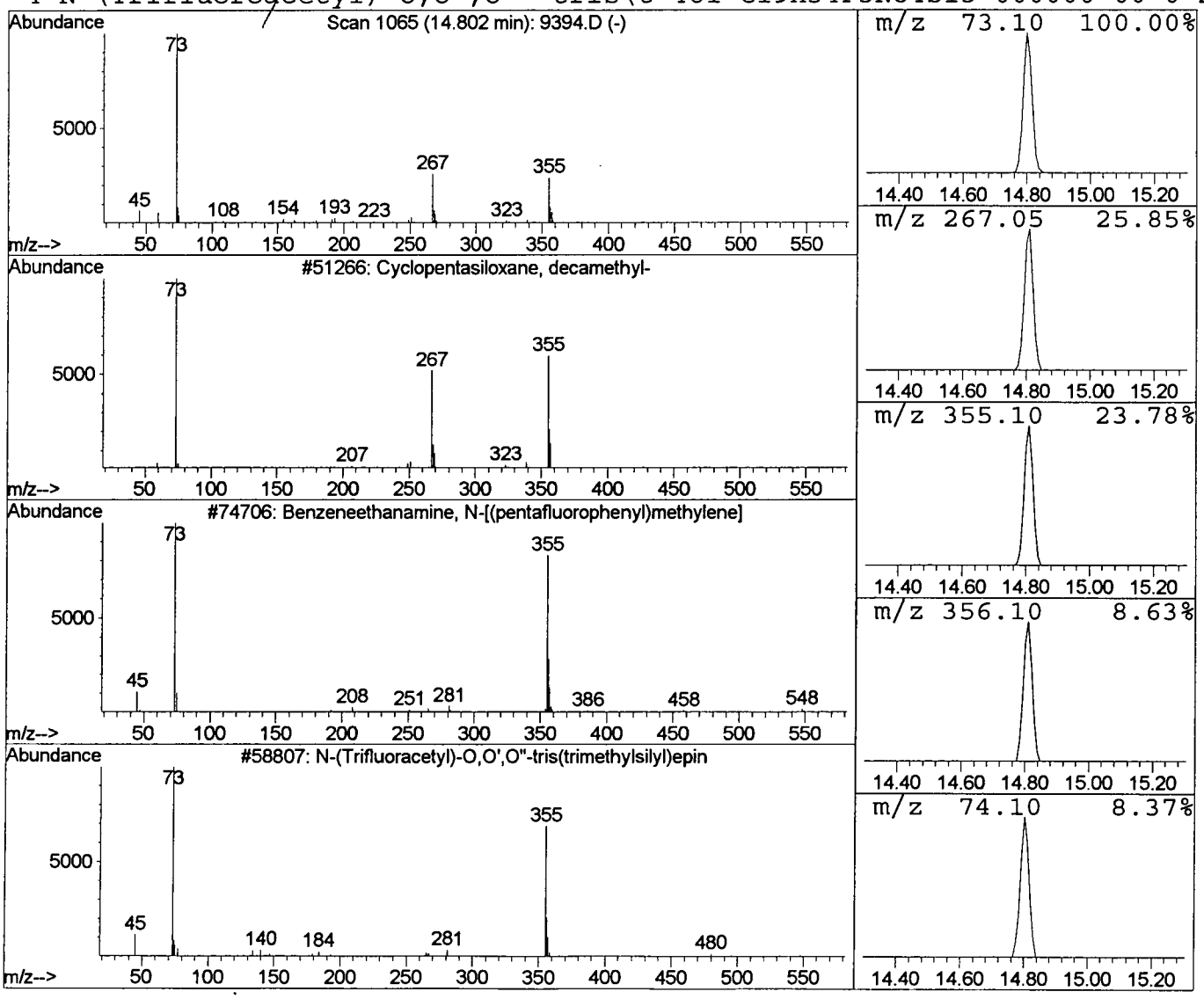
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	1.47 ug/l	122569	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	38
3	N-(Trifluoracetyl)-O,O',O"-tris(tri	495	C20H36F3NO4Si3	000000-00-0	28
4	N-(Trifluoroacetyl)-O,O',O''-tris(t	481	C19H34F3NO4Si3	000000-00-0	28



Data File : C:\HPCHEM\1\DATA\MAY0102\9394.D Vial: 12
Acq On : 1 May 2002 6:12 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

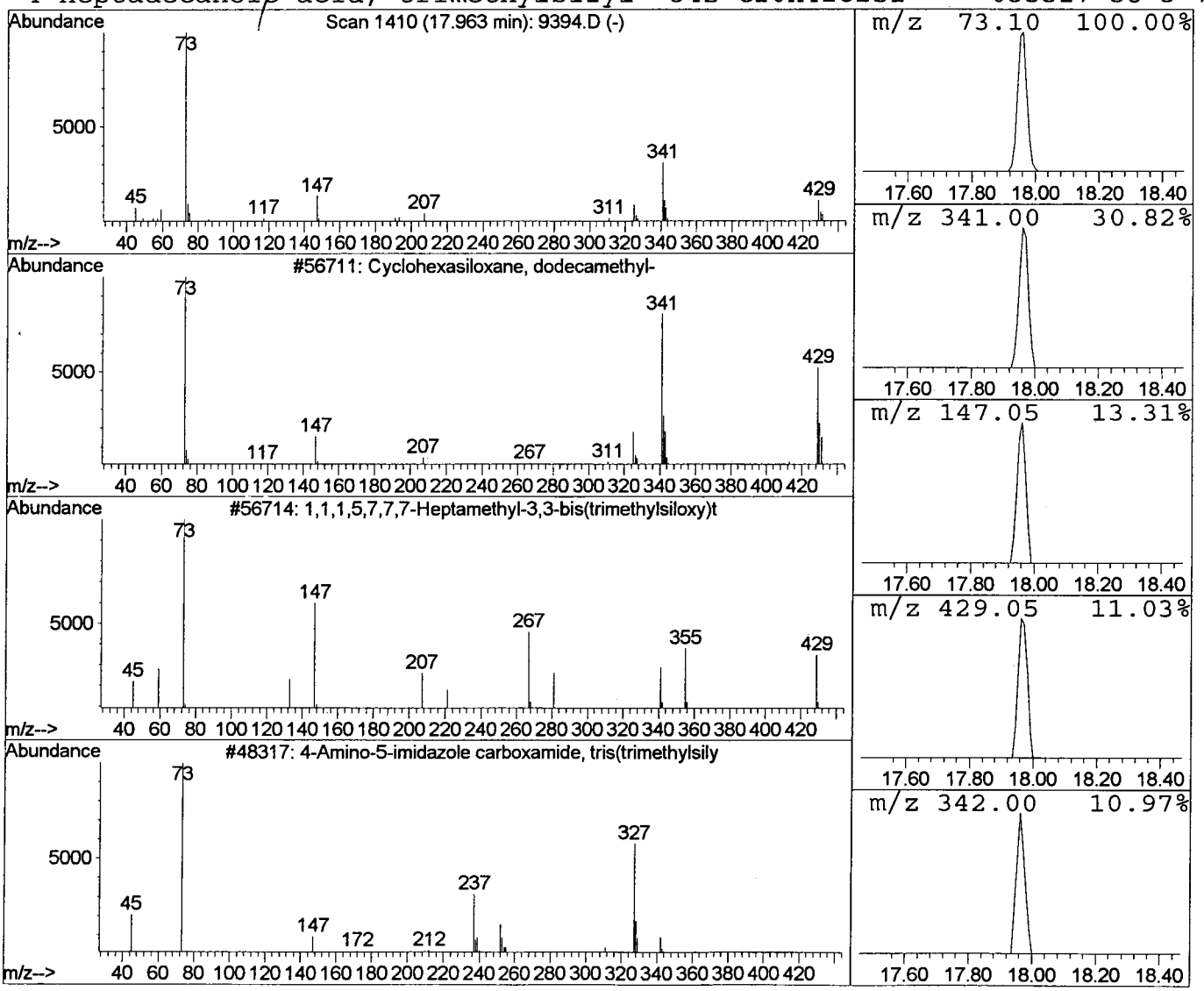
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Cyclohexasiloxane, dodecamethy Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.96	0.67 ug/l	55361	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexasiloxane, dodecamethyl-	444	C12H36O6Si6	000540-97-6	64
2	1,1,1,5,7,7,7-Heptamethyl-3,3-bis(t	444	C13H40O5Si6	038147-00-1	25
3	4-Amino-5-imidazole carboxamide, tr	342	C13H30N4OSi3	000000-00-0	9
4	Heptadecanoic acid, trimethylsilyl	342	C20H42O2Si	055517-58-3	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0102\9394.D Vial: 12
Acq On : 1 May 2002 6:12 pm Operator:
Sample : gc/ms scan 4/18 fb Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

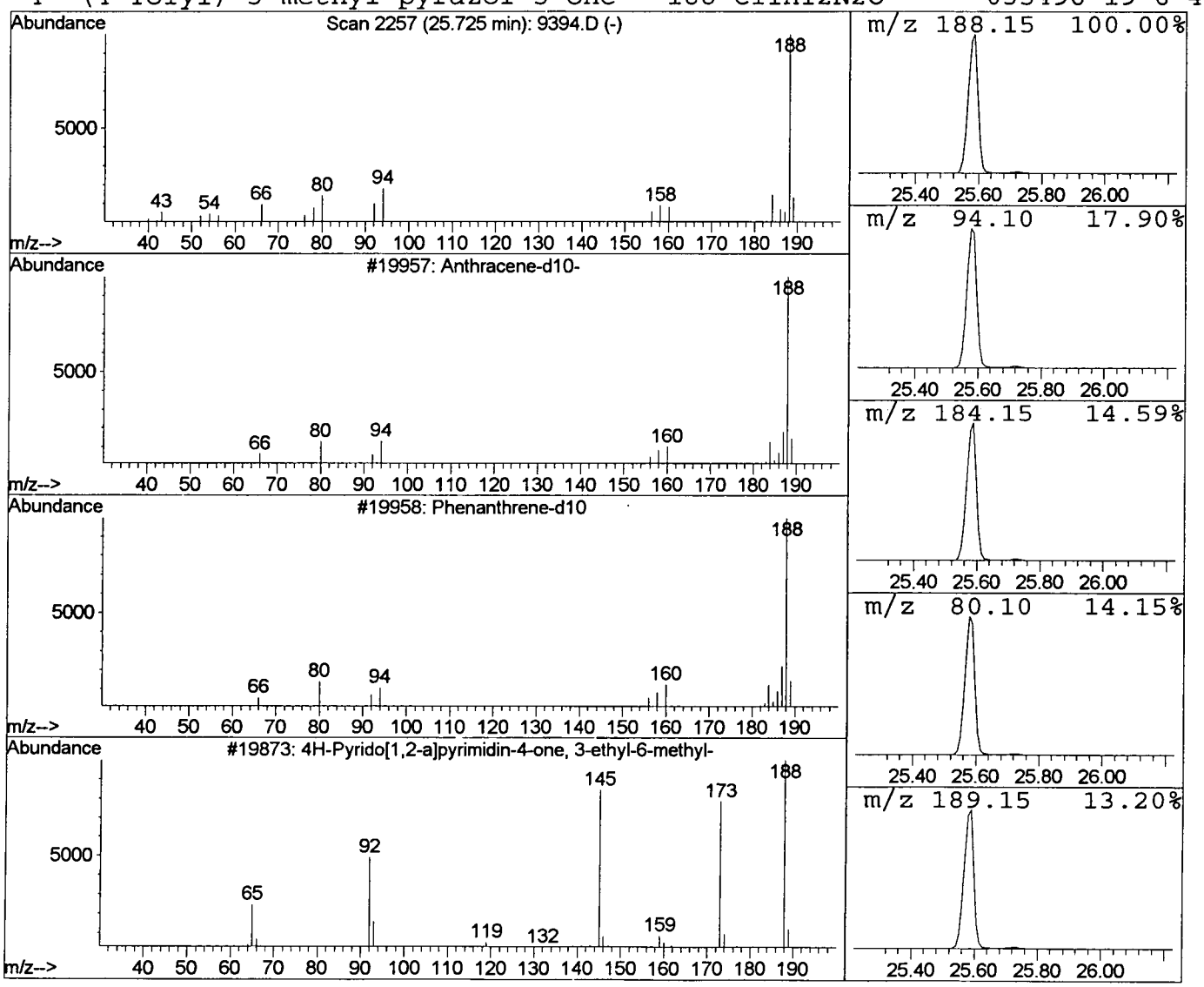
Quant Method : C:\HPCHEM\1\METHODS\GCMS0501.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.73	0.44 ug/l	36927	Phenanthrene-d10	25.59

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10- 4/5	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	83
3	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	40
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 1 May 2002 6:12 pm
Data File: C:\HPCHEM\1\DATA\MAY0102\9394.D
Name: gc/ms scan 4/18 fb
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	8.19	13.1	ug/l	863646	ISTD01	12.21	2629460	40.0
Cyclotetrasiloxane,	11.61	2.9	ug/l	192848	ISTD01	12.21	2629460	40.0
Cyclopentasiloxane,	14.80	1.5	ug/l	122569	ISTD02	15.84	3325010	40.0
Cyclohexasiloxane, d	17.96	0.7	ug/l	55361	ISTD02	15.84	3325010	40.0
Anthracene-d10-	25.73	0.4	ug/l	36927	ISTD04	25.59	3383930	40.0

9394.D GCMS0501.M Thu May 02 12:03:11 2002