

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 08:53:36

Sample: AE09580

Analysis: \$GCMS GCMS Scan For Unknowns

Units: ug

Started: 5/17/02 08:52 Ended: 5/17/02 08:52 Analyst: DLV

Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		90		10.0

Comments for Sample AE09580 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 05-17-2002 Time: 08:54:59

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

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY0802\9580.D
 Acq On : 9 May 2002 2:13 am
 Sample : RE-EXT.
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 9 15:46 2002

Vial: 17
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Thu May 09 14:27:53 2002
 Response via : Initial Calibration
 DataAcq Meth : GCMS0507

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	436568	40.00	ug/l	0.00
10) Naphthalene-d8	15.82	136	1590219	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.14	164	868398	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1188063	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	712774	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	439753	40.00	ug/l	0.00

System Monitoring Compounds

28) TCMX	23.27	209	38781	8.98	ug/L	0.00
Spiked Amount	10.000		Recovery	=	89.80%	

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	704	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.	
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	22.61	149	509	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene/ 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	554	N.D.	

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

9580.D GCMS0507.M Thu May 09 15:47:21 2002

Page 1

Quantitation Report

(QT Reviewed)

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Acq On : 9 May 2002 2:13 am

Operator:

Sample : RE-EXT.

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: May 9 15:46 2002

Quant Results File: GCMS0507.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Thu May 09 14:27:53 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0507

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
35) Anthracene	25.64	178	554	N.D.		
36) Di-n-butylphthalate	27.54	149	1976	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	1524	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.86	149	1553	N.D.		
43) Chrysene	33.71	228	437	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	37.85	252	1741	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

9580.D GCMS0507.M

Thu May 09 15:47:21 2002

Page 2

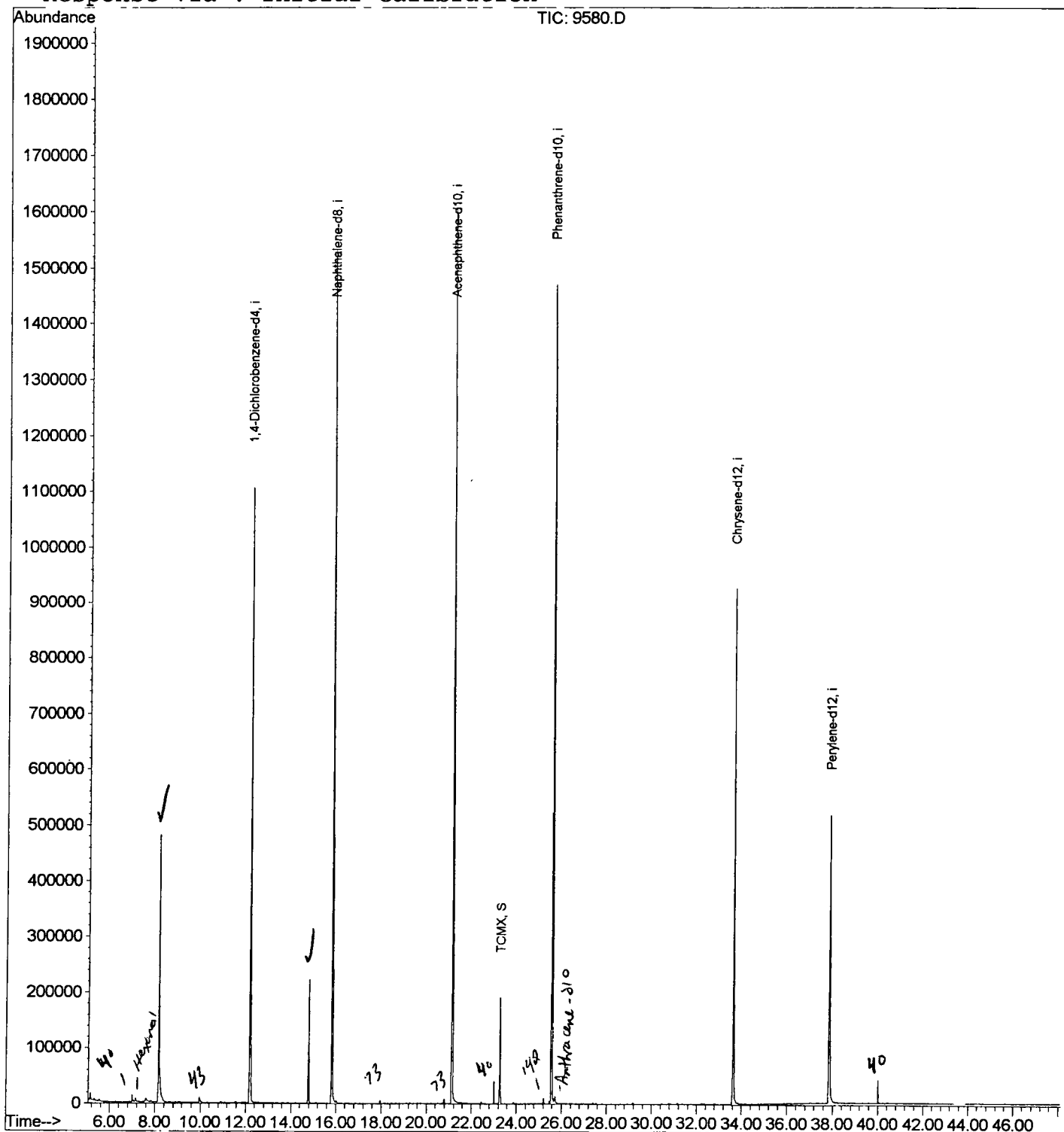
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9580.D
Acq On : 9 May 2002 2:13 am
Sample : RE-EXT.
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 9 15:46 2002

Vial: 17
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0507.RES

Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9580.D
 Acq On : 9 May 2002 2:13 am
 Sample : RE-EXT.
 Misc :
 MS Integration Params: LSCINT.P

Vial: 17
 Operator:
 Inst : 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0507.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

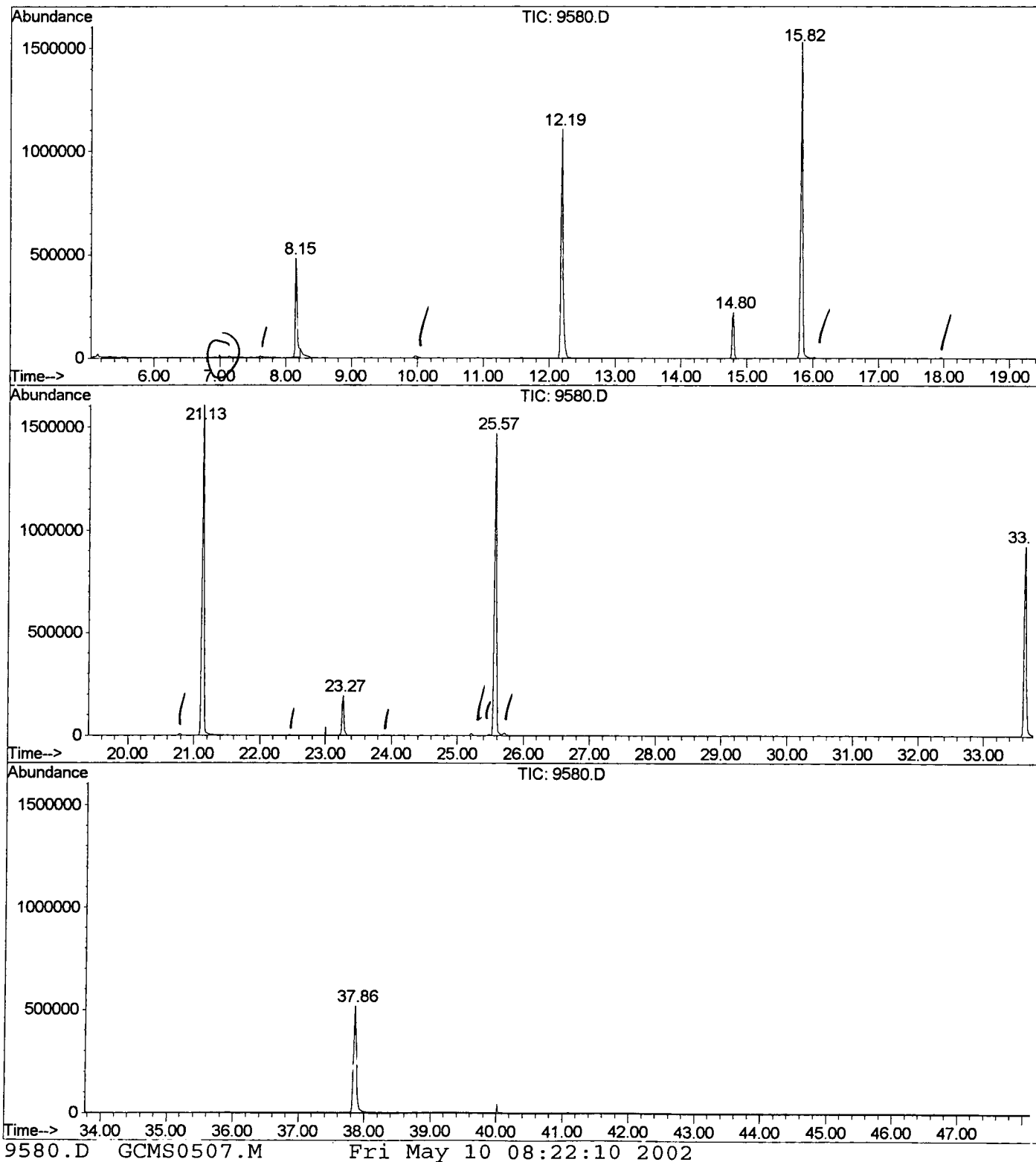
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.152	336	340	347	rBV	479763	974143	27.98%	5.473%
2	12.194	775	781	799	rBV	1104711	2489845	71.52%	13.988%
3	14.796	1058	1065	1071	rBV	222225	437225	12.56%	2.456%
4	15.822	1171	1177	1195	rBV	1529373	3149076	90.46%	17.692%
5	21.128	1750	1756	1776	rBV	1606445	3481288	100.00%	19.558%
6	23.272	1982	1990	1999	rVB2	190155	389295	11.18%	2.187%
7	25.572	2234	2241	2253	rBV2	1468978	3184430	91.47%	17.890%
8	33.636	3114	3121	3140	rBV2	925382	2144379	61.60%	12.047%
9	37.861	3573	3582	3602	rBV2	515906	1549896	44.52%	8.707%

Sum of corrected areas: 17799577

9580.D GCMS0507.M Fri May 10 08:22:09 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0802\9580.D
 Operator :
 Acquired : 9 May 2002 2:13 am using AcqMethod GCMS0507
 Instrument : 209
 Sample Name: RE-EXT.
 Misc Info :
 Vial Number: 17
 Quant File :GCMS0507.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9580.D
Acq On : 9 May 2002 2:13 am
Sample : RE-EXT.
Misc :
MS Integration Params: LSCINT.P

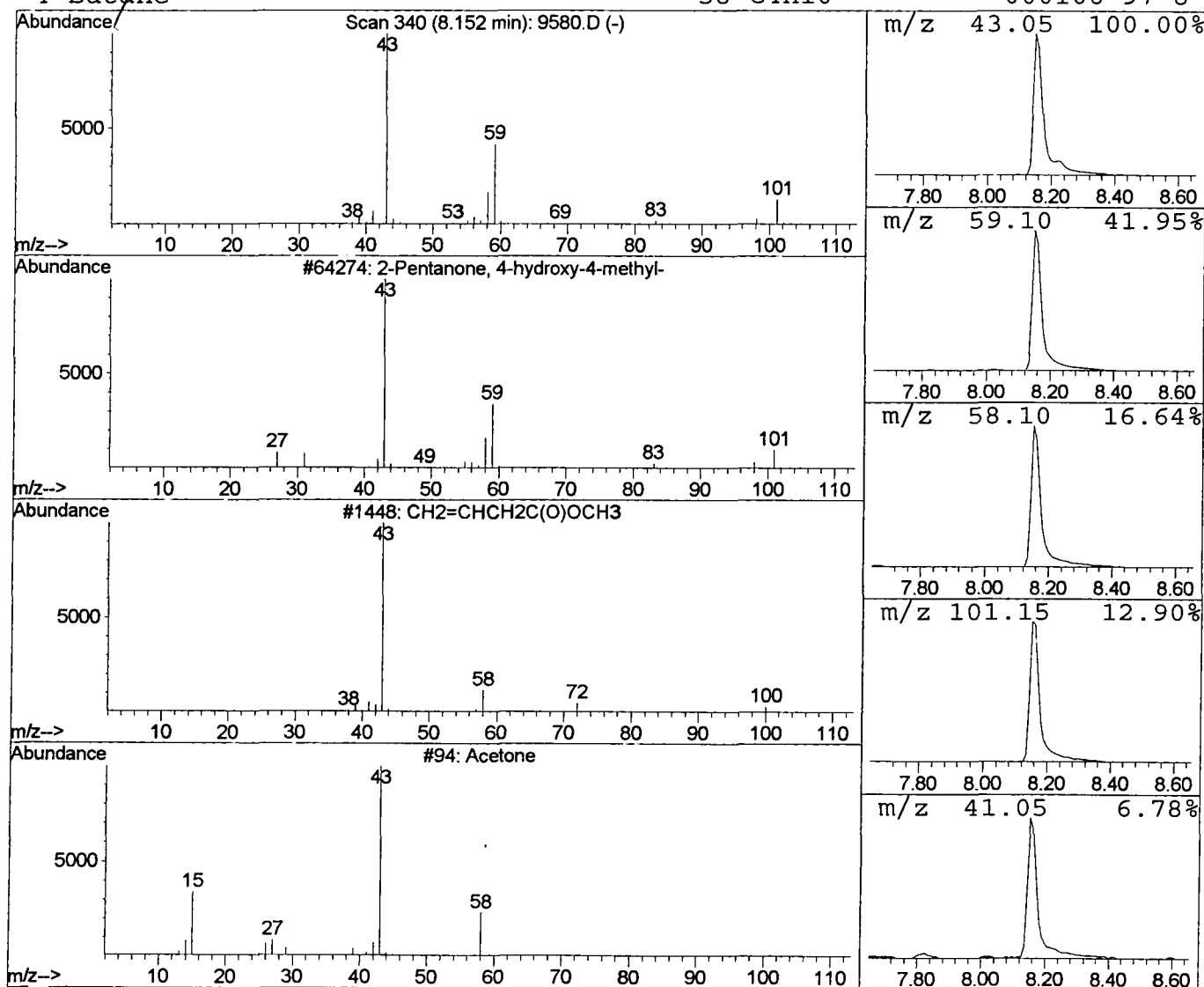
Vial: 17
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	15.65 ug/l	974143	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	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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9580.D
 Acq On : 9 May 2002 2:13 am
 Sample : RE-EXT.
 Misc :
 MS Integration Params: LSCINT.P

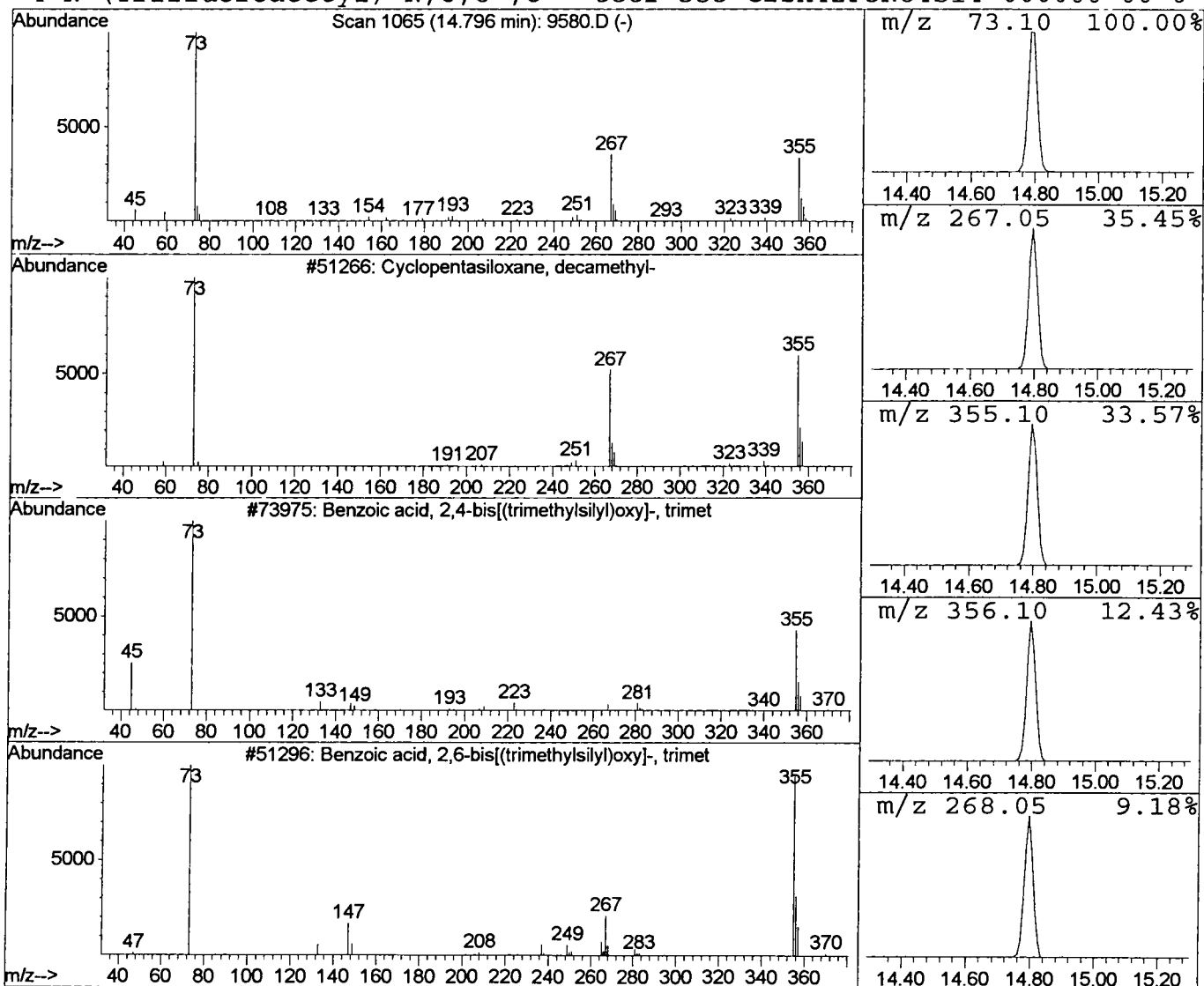
Vial: 17
 Operator:
 Inst : 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	5.55 ug/l	437225	Naphthalene-d8	15.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	80
2	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	37
3	Benzoic acid, 2,6-bis[(trimethylsil	370	C16H30O4Si3	003782-85-2	33
4	N-(Trifluoroacetyl)-N,O,O',O''-tetr	553	C22H42F3NO4Si4	000000-00-0	25



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 9 May 2002 2:13 am
 Data File: C:\HPCHEM\1\DATA\MAY0802\9580.D
 Name: RE-EXT.
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS0507.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	8.15	15.6	ug/l	974143	ISTD01	12.19	2489850	40.0
Cyclopentasiloxane,	14.80	5.6	ug/l	437225	ISTD02	15.82	3149080	40.0

9580.D GCMS0507.M Fri May 10 08:22:12 2002