User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 05/17/2002 Time: 09:01:24

Sample: AE09587
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 5/17/02 09:00 Ended: 5/17/02 09:00 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		85		10.0

Comments for Sample AE09587 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 05-17-2002 Time: 09:02:54

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\9587.D Vial: 20
Acq On : 9 May 2002 5:10 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 15:49 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

re-extract

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.19	152	469939	40.00	ug/l	0.00
10) Naphthalene-d8	15.82	136	1700898	40.00	ug/l	-0.01
17) Acenaphthene-d10	21.14	164	927566	40.00	ug/l	0.00
30) Phenanthrene-d10	25.57	188	1262234	40.00	ug/l	0.00
38) Chrysene-d12	33.64	240	786147	40.00	ug/l	0.00
44) Perylene-d12	37.86	264	478022	40.00	ug/l	0.00
System Monitoring Compounds						
28) TCMX	23.27	209	39389	8.54	ug/L	0.00
Spiked Amount 10.000			Recovery = 85.40%			
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	218	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	22.62	149	1054	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	25.57	178	212	N.D.		

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

Quantitation Report (QT Reviewed)

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Title : 209 625/TCLP calibration table
Last Update : Thu May 09 14:27:53 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0507

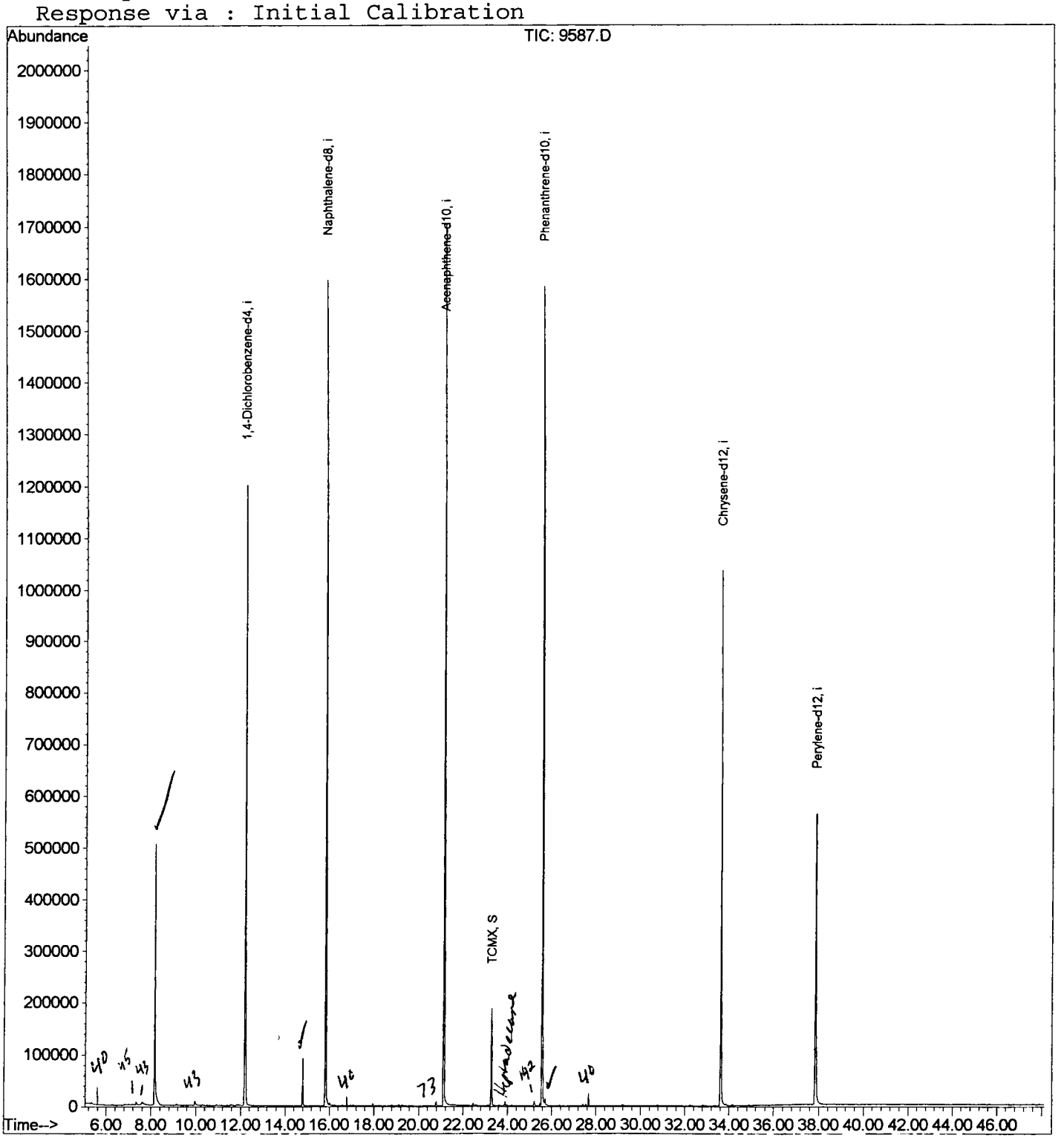
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.57	178	212	N.D.	
36)	Di-n-butylphthalate	27.54	149	4676	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.64	228	1756	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.86	149	1206	N.D.	
43)	Chrysene	33.64	228	1756	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	1858	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\MAY0802\9587.D Vial: 20
Acq On : 9 May 2002 5:10 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 9 15:49 2002 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\9587.D Vial: 20
Acq On : 9 May 2002 5:10 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

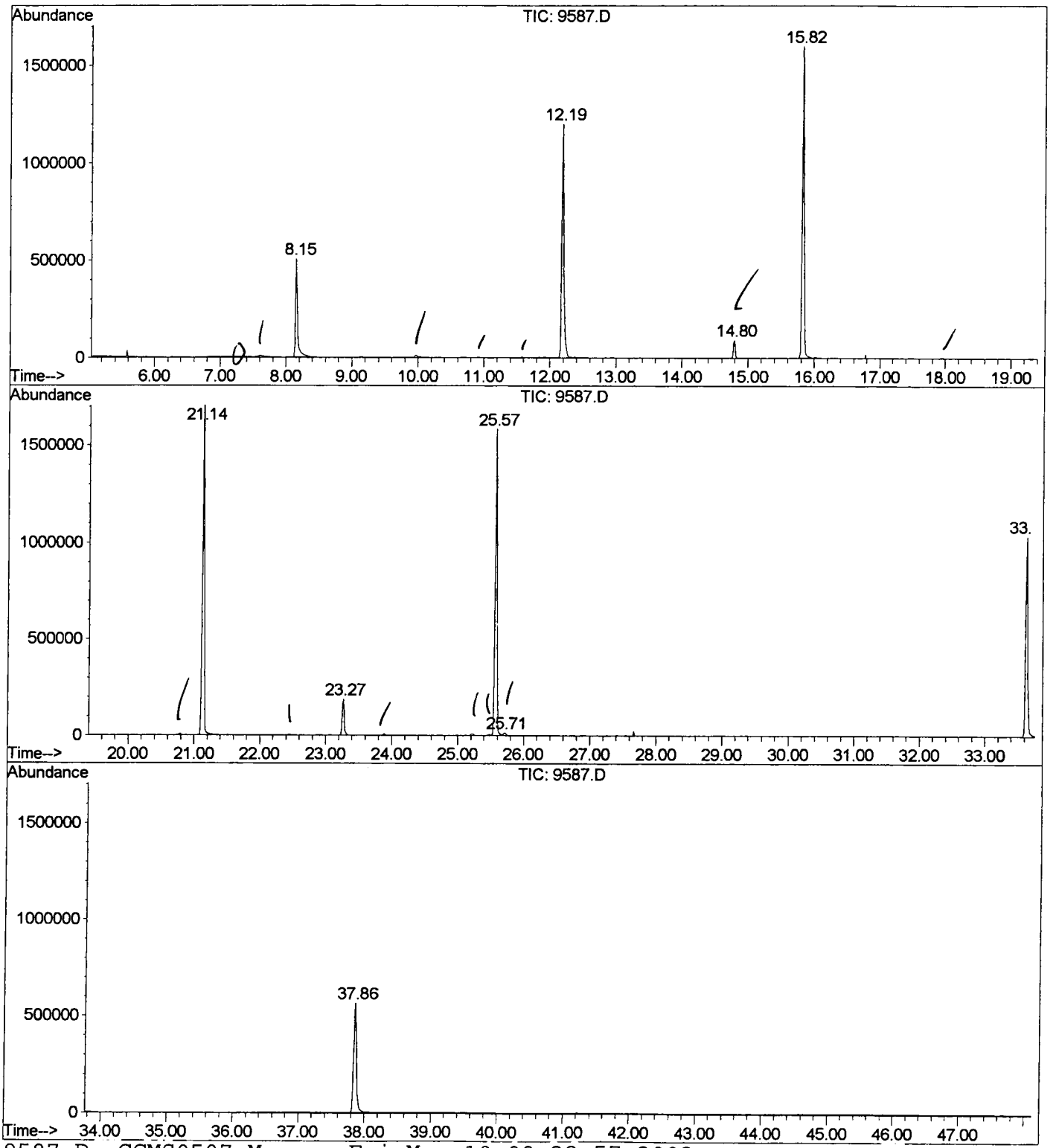
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.153	336	340	369	rVB	504674	1077853	29.07%	5.741%
2	12.194	775	781	797	rVB	1199439	2672280	72.08%	14.233%
3	14.796	1059	1065	1071	rBV	91516	175708	4.74%	0.936%
4	15.822	1171	1177	1192	rBV	1595639	3353414	90.45%	17.861%
5	21.137	1749	1757	1776	rBV	1705532	3707329	100.00%	19.746%
6	23.272	1981	1990	1998	rBV2	186639	389796	10.51%	2.076%
7	25.573	2234	2241	2252	rBV2	1582631	3363966	90.74%	17.917%
8	25.710	2252	2256	2268	rVB	13151	38024	1.03%	0.203%
9	33.636	3114	3121	3139	rBV	1035005	2334796	62.98%	12.435%
10	37.861	3574	3582	3600	rBV2	560973	1662166	44.83%	8.853%

Sum of corrected areas: 18775332

9587.D GCMS0507.M Fri May 10 08:22:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY0802\9587.D
Operator :
Acquired : 9 May 2002 5:10 am using AcqMethod GCMS0507
Instrument : 209
Sample Name: RE-EXT.
Misc Info :
Vial Number: 20
Quant File :GCMS0507.RES (RTE Integrator)



9587.D GCMS0507.M Fri May 10 08:22:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9587.D Vial: 20
Acq On : 9 May 2002 5:10 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

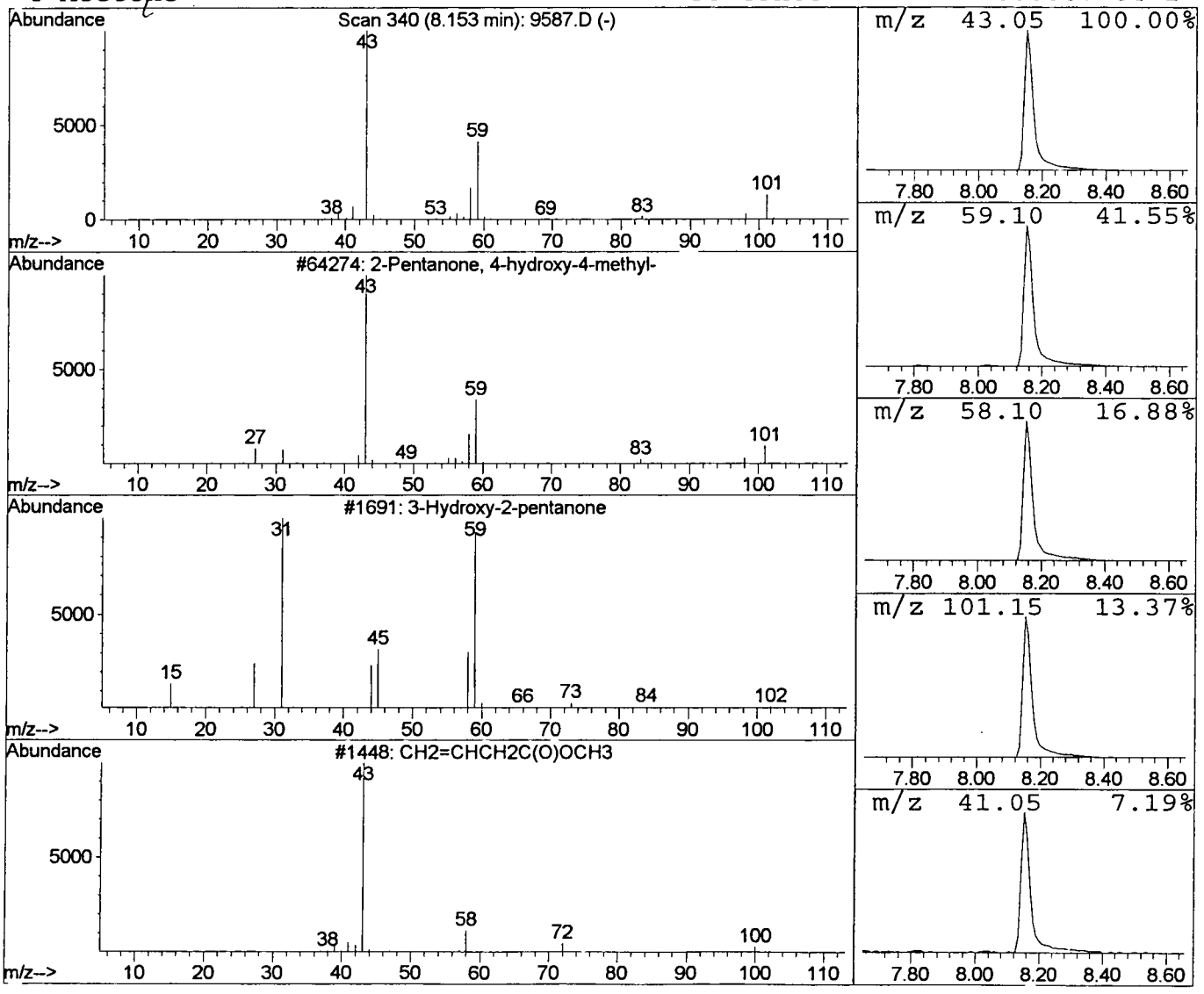
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.15	16.13 ug/l	1077850	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	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Acetone	58	C3H6O	000067-64-1	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9587.D Vial: 20
Acq On : 9 May 2002 5:10 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

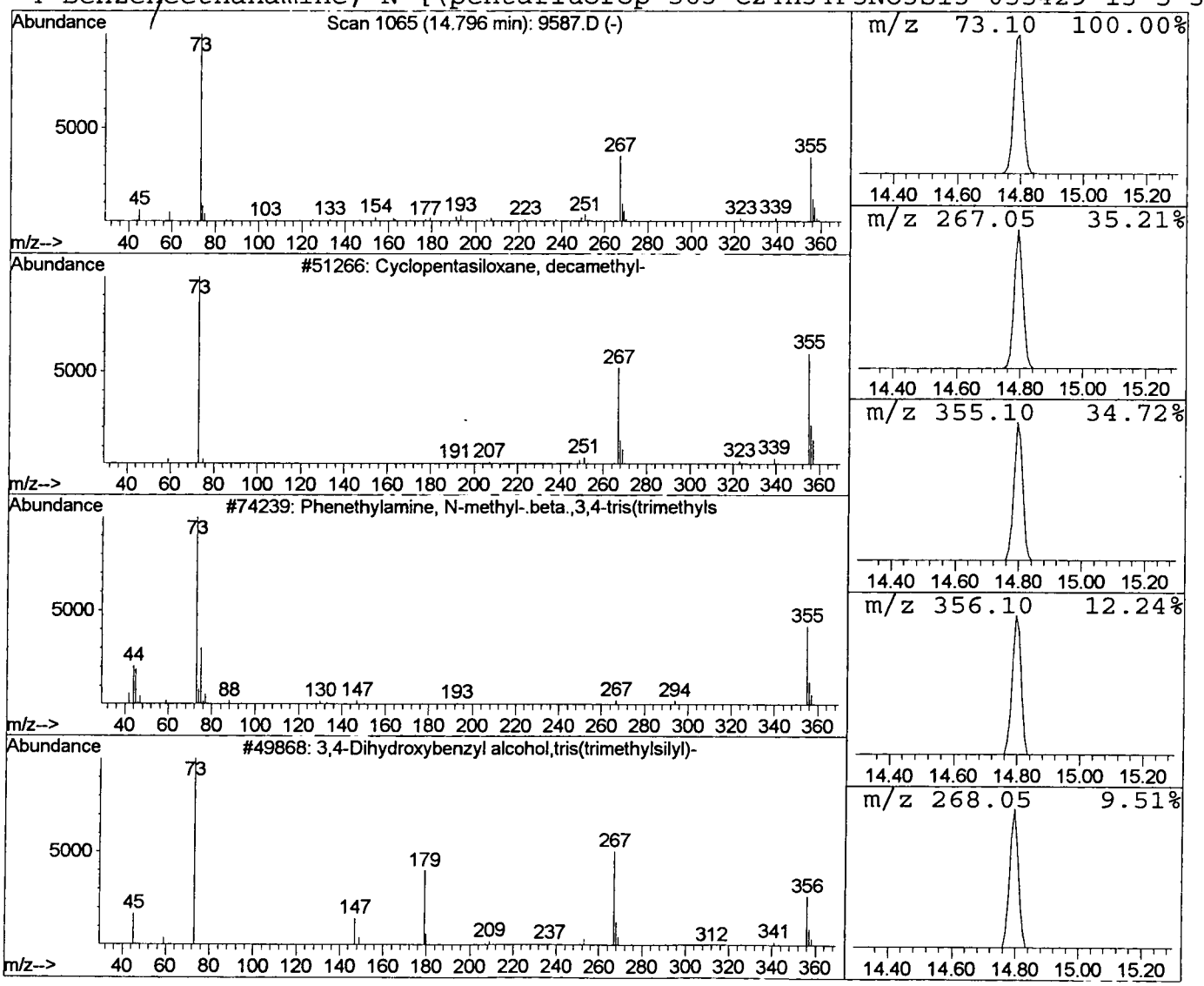
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.10 ug/l	175708	Naphthalene-d8	15.82

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	90
2	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	38
3	3,4-Dihydroxybenzyl alcohol,tris(tr	356	C16H32O3Si3	068595-79-9	37
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY0802\9587.D Vial: 20
Acq On : 9 May 2002 5:10 am Operator:
Sample : RE-EXT. Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

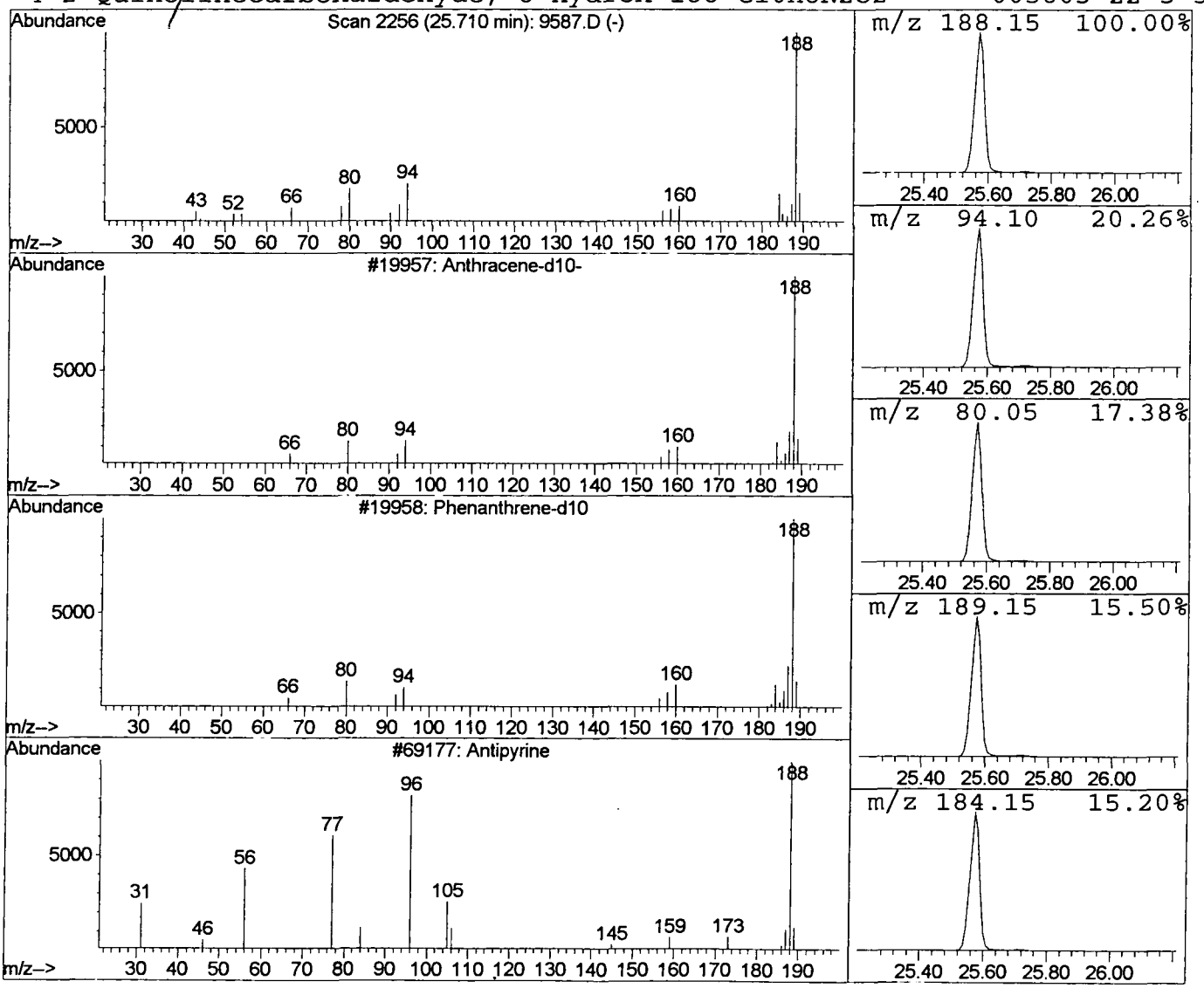
Quant Method : C:\HPCHEM\1\METHODS\GCMS0507.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.71	0.45 ug/l	38024	Phenanthrene-d10	25.57

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	Phenanthrene-d10	188	C14D10	001517-22-2	81
3	Antipyrine	188	C11H12N2O	000060-80-0	40
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 9 May 2002 5:10 am
Data File: C:\HPCHEM\1\DATA\MAY0802\9587.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	16.1	ug/l	1077850	ISTD01	12.19	2672280	40.0
Cyclopentasiloxane,	14.80	2.1	ug/l	175708	ISTD02	15.82	3353410	40.0
Anthracene-d10-	25.71	0.5	ug/l	38024	ISTD04	25.57	3363970	40.0

9587.D GCMS0507.M Fri May 10 08:23:01 2002