User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/30/2002 Time: 11:20:41

Sample: AE08971
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/30/02 11:20 Ended: 4/30/02 11:20 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE08971 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 04-30-2002 Time: 11:21:38

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\APR2502\8971.D Vial: 17
Acq On : 26 Apr 2002 4:10 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 8:14 2002 Quant Results File: GCMS0412.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0412

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.21	152	442571	20.00	ug/l	-0.03
10) Naphthalene-d8	15.84	136	1608786	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.15	164	886133	20.00	ug/l	-0.02
30) Phenanthrene-d10	25.58	188	1300195	20.00	ug/l	-0.03
39) Chrysene-d12	33.64	240	816328	20.00	ug/l	-0.03
45) Perylene-d12	37.87	264	513465	20.00	ug/l	-0.05
System Monitoring Compounds						
28) TCMX	23.29	209	35109	7.84	ug/L	-0.04
Spiked Amount 10.000			Recovery = 78.40%			
38) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery = 0.00%			
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	476	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	22.64	149	576	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.		

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

Quantitation Report (QT Reviewed)

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Response via : Initial Calibration
DataAcq Meth : GCMS0412

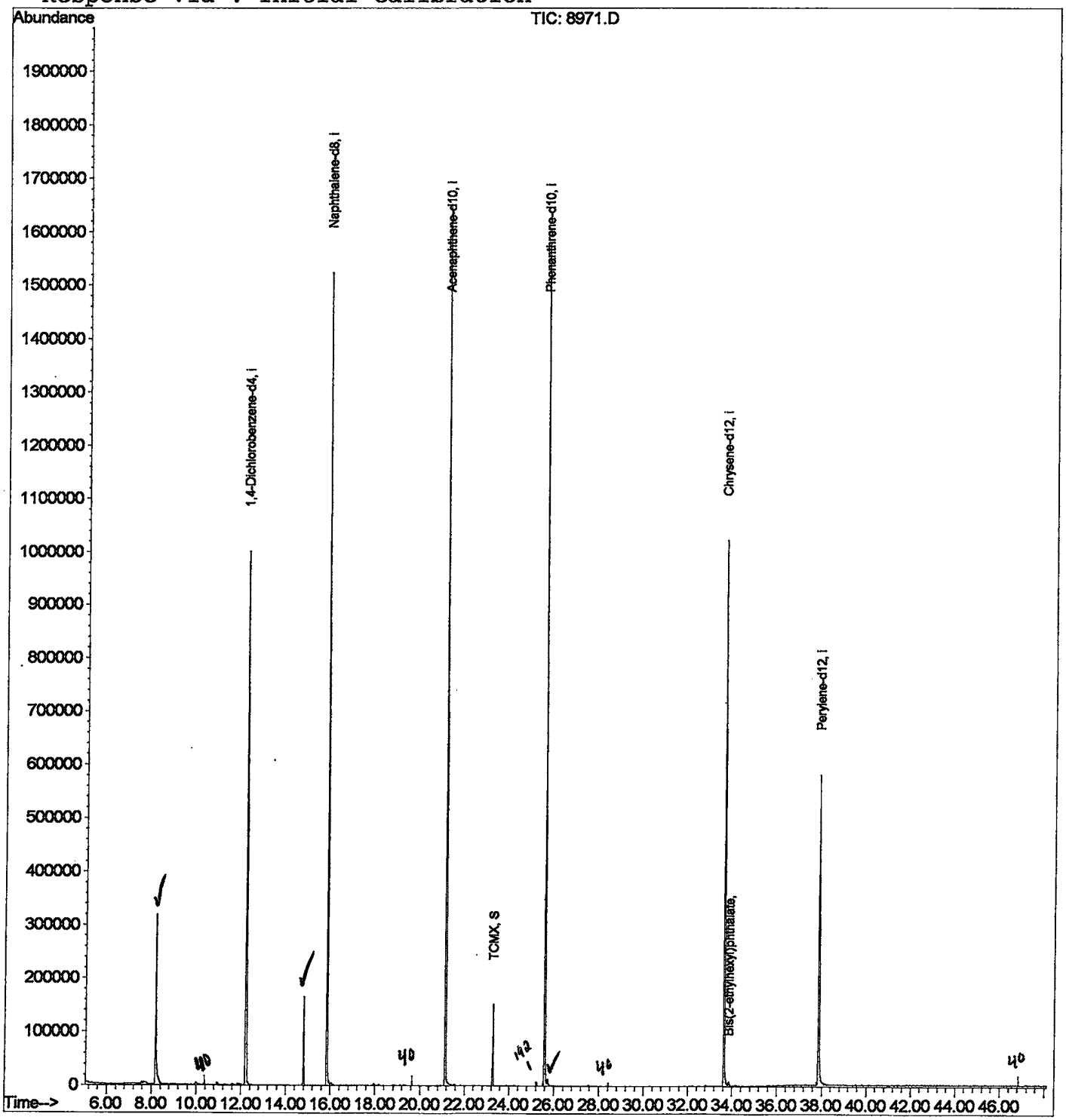
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
33)	Hexachlorobenzene	0.00	284	0	N.D.	
34)	Phenanthrene	25.58	178	333	N.D.	
35)	Anthracene	25.58	178	333	N.D.	
36)	Di-n-butylphthalate	27.56	149	3902	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
40)	Pyrene	0.00	202	0	N.D.	
41)	Butylbenzylphthalate	0.00	149	0	N.D.	
42)	Benzo(a)anthracene	33.64	228	2400	N.D.	
43)	Bis(2-ethylhexyl)phthalate	33.86	149	5826	0.28 ug/l #	93
44)	Chrysene	33.72	228	632	N.D.	
46)	Di-n-Octylphthalate	35.60	149	678	N.D.	
47)	Benzo(b)fluoranthene	36.69	252	702	N.D.	
48)	Benzo(k)fluoranthene	36.75	252	578	N.D.	
49)	Benzo(a)pyrene	37.87	252	1996	N.D.	
50)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
51)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
52)	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\APR2502\8971.D Vial: 17
Acq On : 26 Apr 2002 4:10 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Apr 26 8:14 2002 Quant Results File: GCMS0412.RES

Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Apr 25 15:21:43 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\APR2502\8971.D Vial: 17
Acq On : 26 Apr 2002 4:10 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0412.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

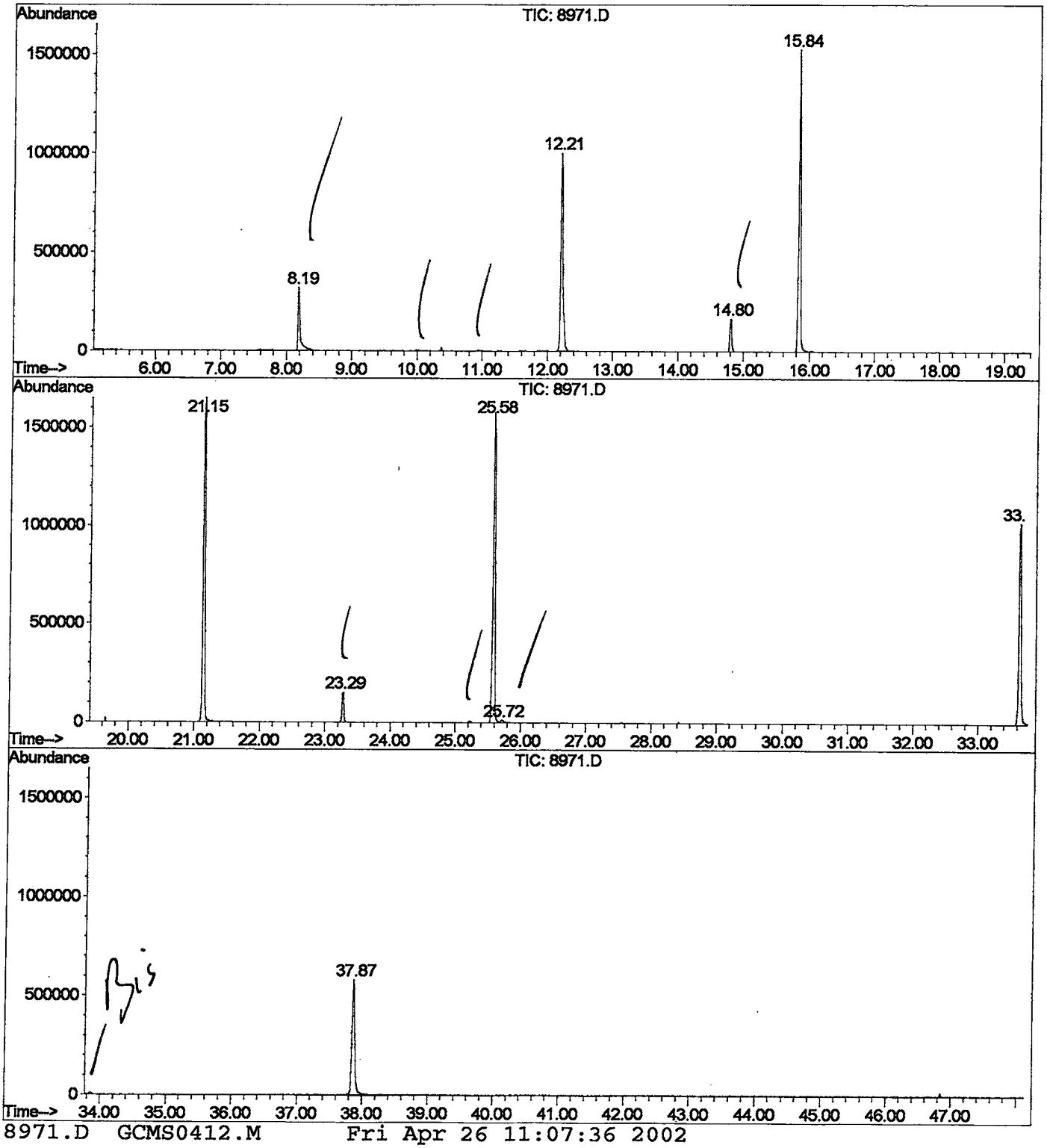
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.186	338	342	366	rBV	317648	738179	21.68%	4.192%
2	12.207	775	780	794	rVB	999329	2370682	69.61%	13.462%
3	14.805	1058	1063	1070	rBV	164903	325788	9.57%	1.850%
4	15.842	1170	1176	1194	rBV	1523301	3050670	89.58%	17.323%
5	21.148	1747	1754	1766	rBV	1651518	3405534	100.00%	19.338%
6	23.287	1980	1987	1993	rBV	151455	310383	9.11%	1.762%
7	25.582	2230	2237	2249	rBV2	1578884	3281206	96.35%	18.632%
8	25.720	2249	2252	2267	rVB	12889	40195	1.18%	0.228%
9	33.643	3108	3115	3133	rBV2	1022984	2371459	69.64%	13.466%
10	37.866	3568	3575	3593	rBV2	578312	1716704	50.41%	9.748%

Sum of corrected areas: 17610800

8971.D GCMS0412.M Fri Apr 26 11:07:35 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\APR2502\8971.D
Operator :
Acquired : 26 Apr 2002 4:10 am using AcqMethod GCMS0412
Instrument : 209
Sample Name: re-inject
Misc Info :
Vial Number: 17
Quant File :GCMS0412.RES (RTE Integrator)



8971.D GCMS0412.M Fri Apr 26 11:07:36 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\8971.D Vial: 17
Acq On : 26 Apr 2002 4:10 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

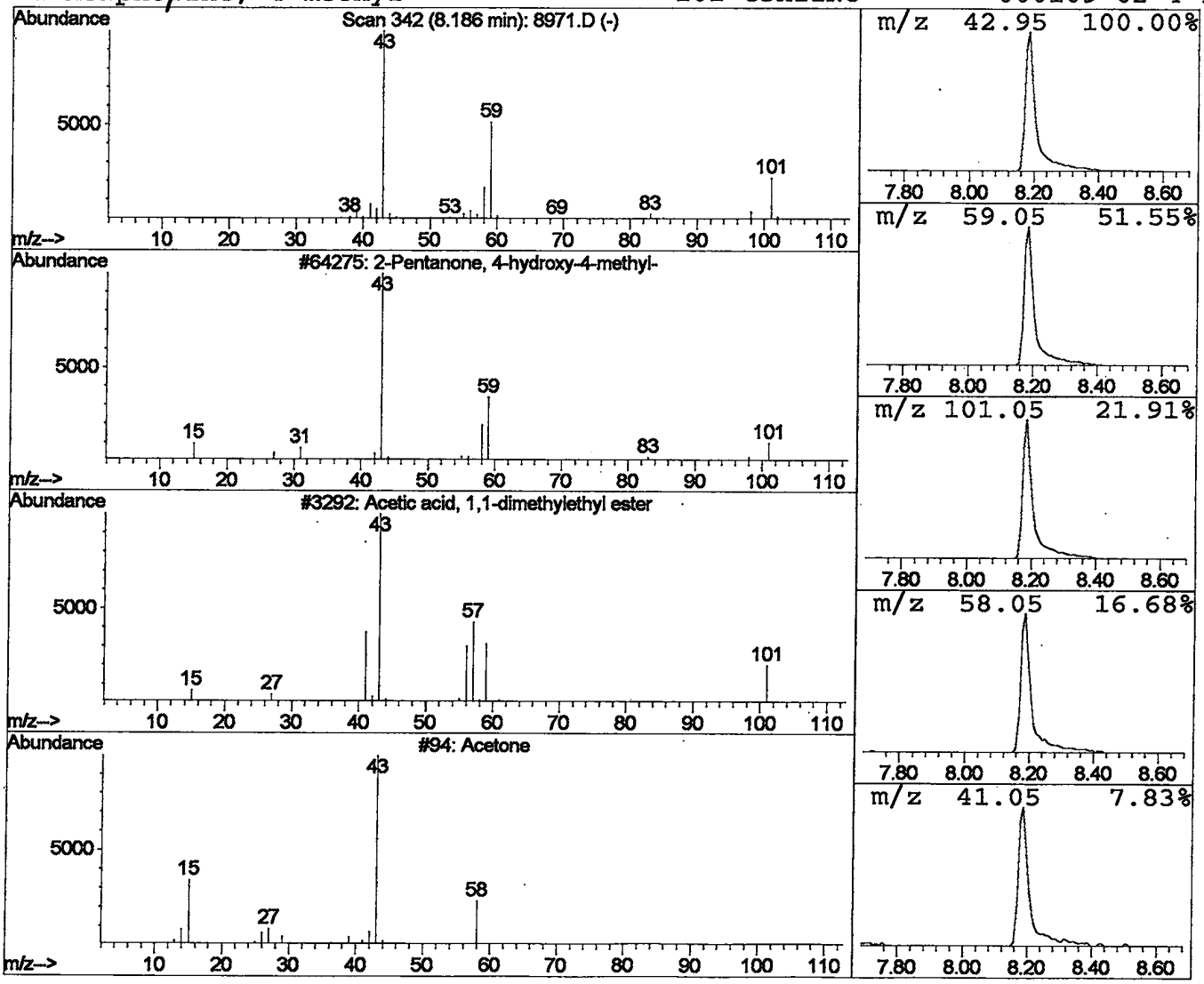
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	6.23 ug/l	738179	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	50
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3	Acetone	58	C3H6O	000067-64-1	9
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\8971.D Vial: 17
Acq On : 26 Apr 2002 4:10 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

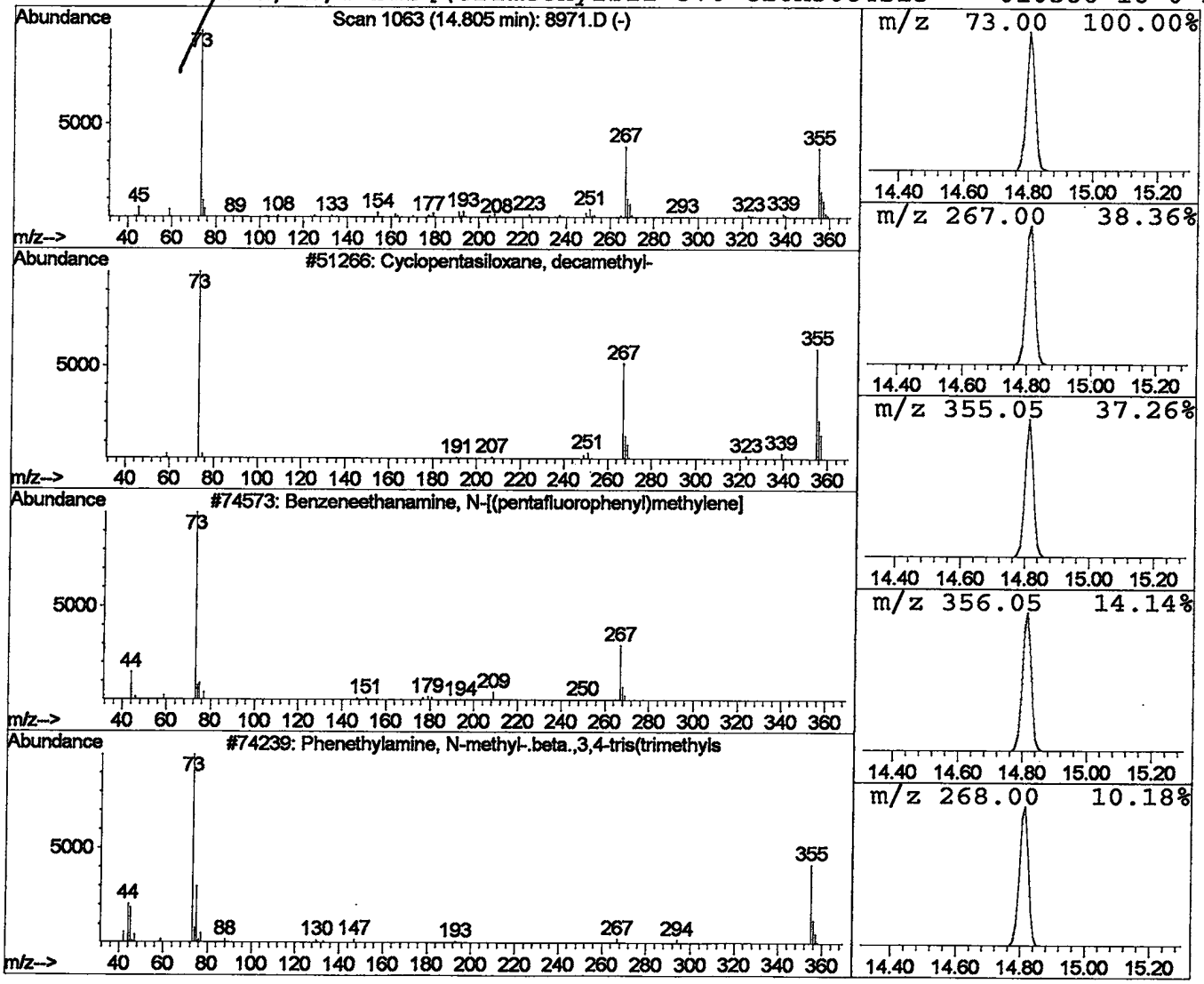
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.80	2.14 ug/l	325788	Naphthalene-d8	15.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	87
2	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	37
3	Phenethylamine, N-methyl-.beta.,3,4	399	C18H37NO3Si3	010538-85-9	32
4	Benzoic acid, 2,4-bis[(trimethylsil	370	C16H30O4Si3	010586-16-0	32



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\APR2502\8971.D Vial: 17
Acq On : 26 Apr 2002 4:10 am Operator:
Sample : re-inject Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

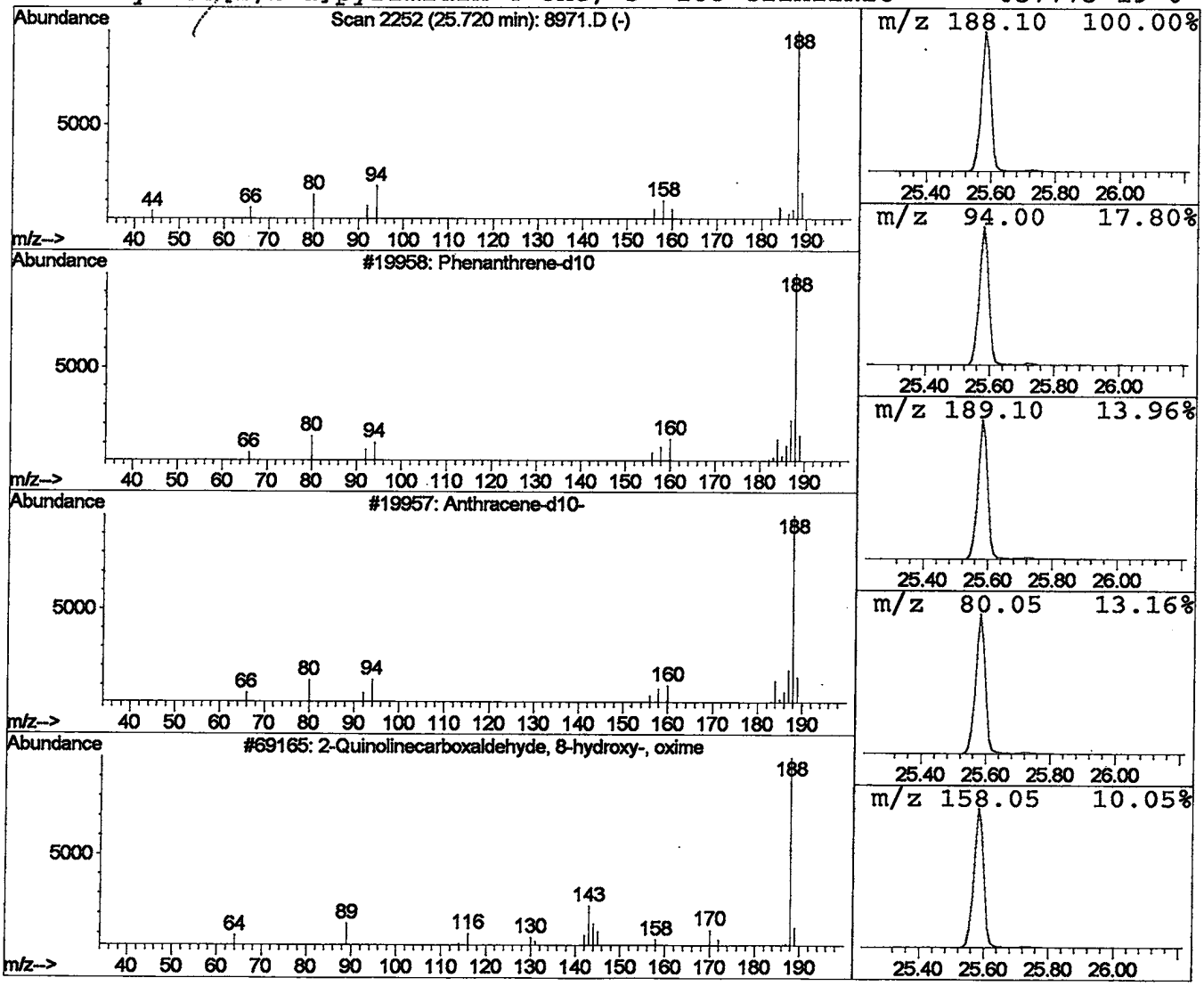
Quant Method : C:\HPCHEM\1\METHODS\GCMS0412.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.72	0.25 ug/l	40195	Phenanthrene-d10	25.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	78
2	Anthracene-d10-	188	C14D10	001719-06-8	78
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	45
4	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	42



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 26 Apr 2002 4:10 am
Data File: C:\HPCHEM\1\DATA\APR2502\8971.D
Name: re-inject
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0412.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	6.2	ug/l	738179	ISTD01	12.21	2370680	20.0
Cyclopentasiloxane,	14.80	2.1	ug/l	325788	ISTD02	15.84	3050670	20.0
Phenanthrene-d10	25.72	0.2	ug/l	40195	ISTD04	25.58	3281210	20.0

8971.D GCMS0412.M Fri Apr 26 11:07:39 2002