User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 09:28:46

Sample: AE12095
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 09:28 Ended: 6/4/02 09:28 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		87		10.0

Comments for Sample AE12095 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 09:32:10

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recovery for 1 of the 43 compounds in the LCS Standard was low.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\12095.D Vial: 14
Acq On : 31 May 2002 2:51 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:26 2002 Quant Results File: GCMS0520.RES

re-analysis

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.06	152	558543	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2251912	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1072566	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.43	188	1649713	40.00	ug/l	-0.10
38) Chrysene-d12	33.47	240	1001566	40.00	ug/l	-0.13
44) Perylene-d12	37.66	264	634901	40.00	ug/l	-0.14
System Monitoring Compounds						
28) TCMX	23.14	209	187738	34.83	ug/L	-0.10
Spiked Amount 40.000			Recovery = 87.07%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.37	74	544	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.07	146	485	N.D.		
5) 1,4-Dichlorobenzene	12.07	146	485	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-Nitrosodi-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	15.75	128	210	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	21.28	165	378	N.D.		
25) Diethylphthalate	22.48	149	1668	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	958	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	419	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.43	178	642	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\12095.D Vial: 14
Acq On : 31 May 2002 2:51 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:26 2002 Quant Results File: GCMS0520.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

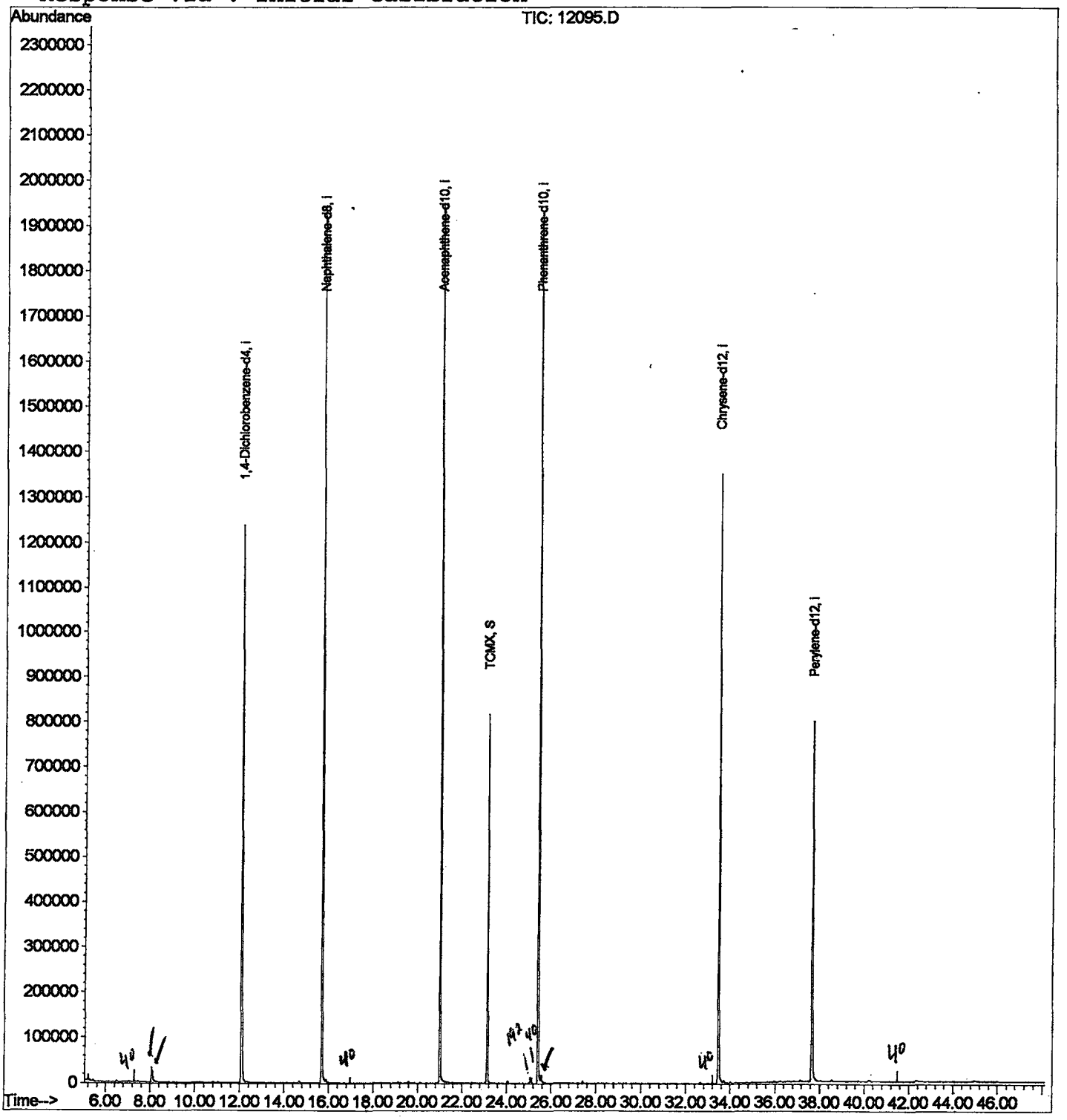
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.43	178	642	N.D.	
36)	Di-n-butylphthalate	27.40	149	7189	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.46	228	2701	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	3101	N.D.	
43)	Chrysene	33.46	228	2606	N.D.	
45)	Di-n-Octylphthalate	35.45	149	732	N.D.	
46)	Benzo(b)fluoranthene	36.59	252	2951	N.D.	
47)	Benzo(k)fluoranthene	36.59	252	1505	N.D.	
48)	Benzo(a)pyrene	37.47	252	913	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\MAY3002\12095.D Vial: 14
Acq On : 31 May 2002 2:51 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:26 2002 Quant Results File: GCMS0520.RES

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon May 20 15:10:30 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12095.D Vial: 14
Acq On : 31 May 2002 2:51 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0520.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

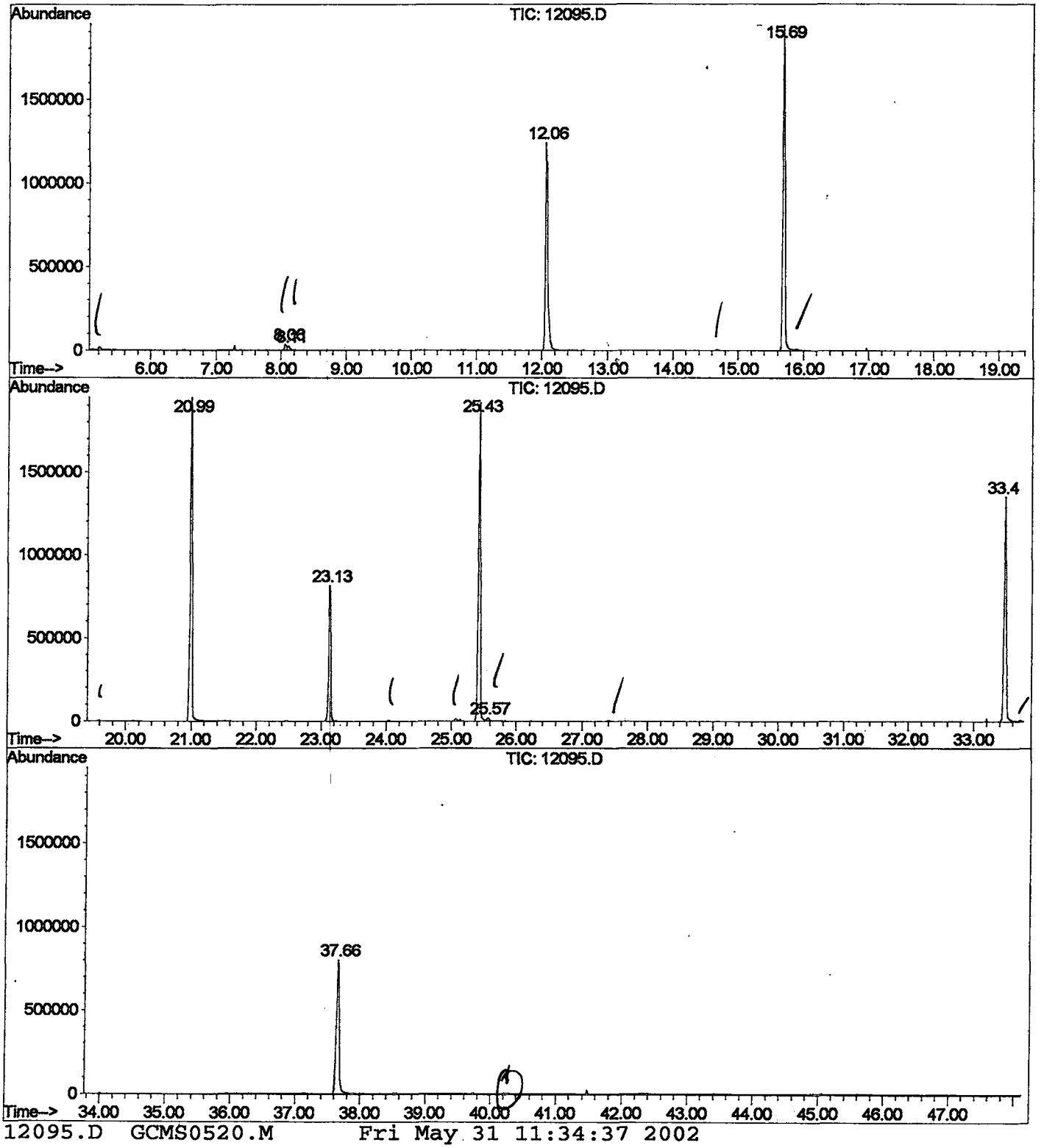
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.062	326	329	332	rBV	34166	70719	1.67%	0.306%
2	8.108	332	334	343	rVB	22862	55467	1.31%	0.240%
3	12.065	760	765	785	rBV	1239210	3063934	72.21%	13.249%
4	15.691	1154	1160	1178	rBV	1936062	4162900	98.12%	18.001%
5	20.988	1731	1737	1753	rBV	1949216	4227046	99.63%	18.279%
6	23.127	1962	1970	1980	rBV	816710	1732019	40.82%	7.490%
7	25.431	2214	2221	2231	rBV2	1914218	4242815	100.00%	18.347%
8	25.569	2231	2236	2246	rVB	17132	50013	1.18%	0.216%
9	33.473	3090	3097	3113	rBV2	1351081	3155744	74.38%	13.646%
10	37.659	3544	3553	3573	rBV2	796999	2365088	55.74%	10.227%

Sum of corrected areas: 23125745

12095.D GCMS0520.M Fri May 31 11:34:36 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3002\12095.D
Operator : Morgan
Acquired : 31 May 2002 2:51 am using AcqMethod GCMS0528
Instrument : 209
Sample Name: re-ext
Misc Info :
Vial Number: 14
Quant File :GCMS0520.RES (RTE Integrator)



12095.D GCMS0520.M Fri May 31 11:34:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12095.D Vial: 14
Acq On : 31 May 2002 2:51 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

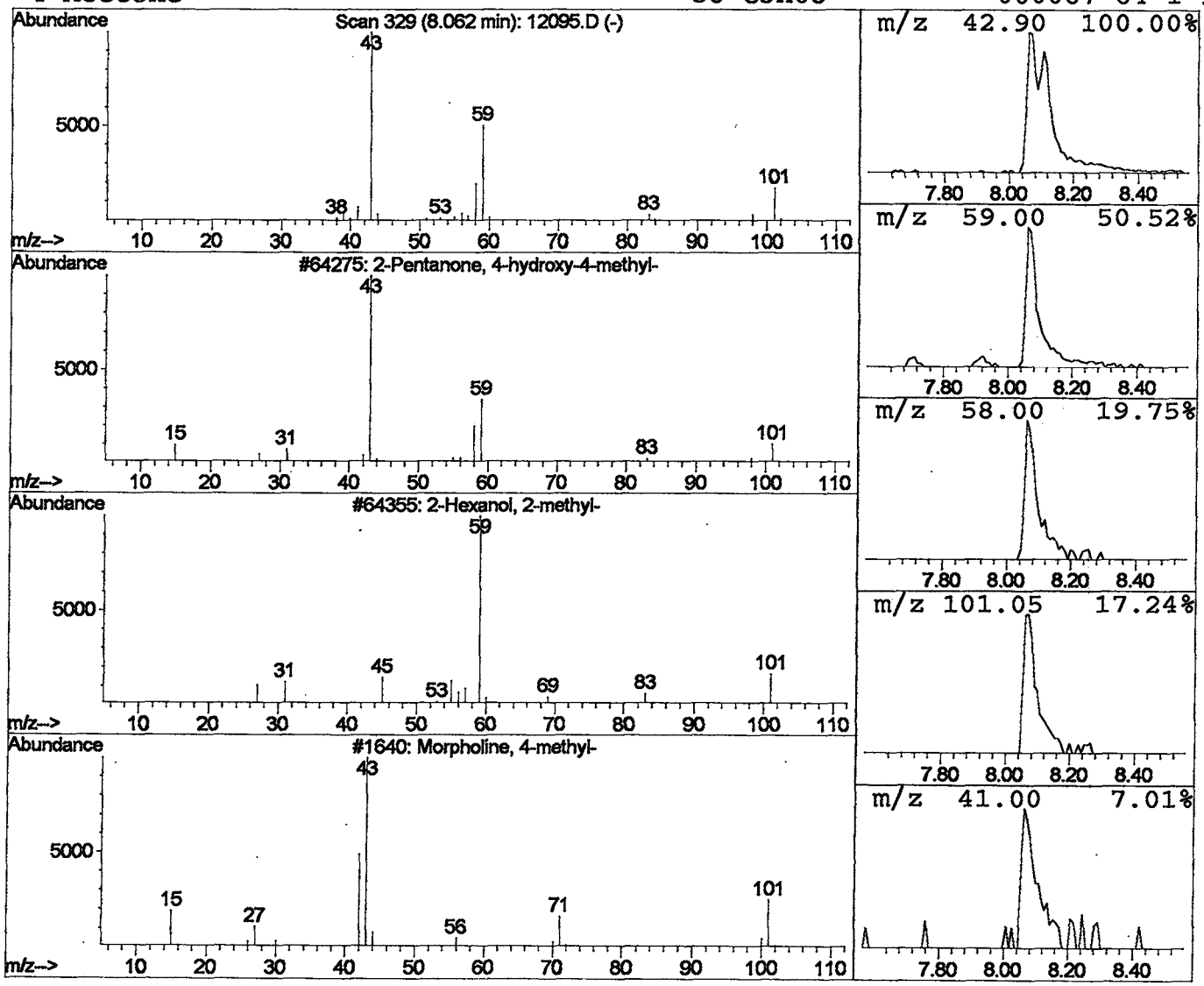
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	0.92 ug/l	70719	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	78
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12095.D Vial: 14
Acq On : 31 May 2002 2:51 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

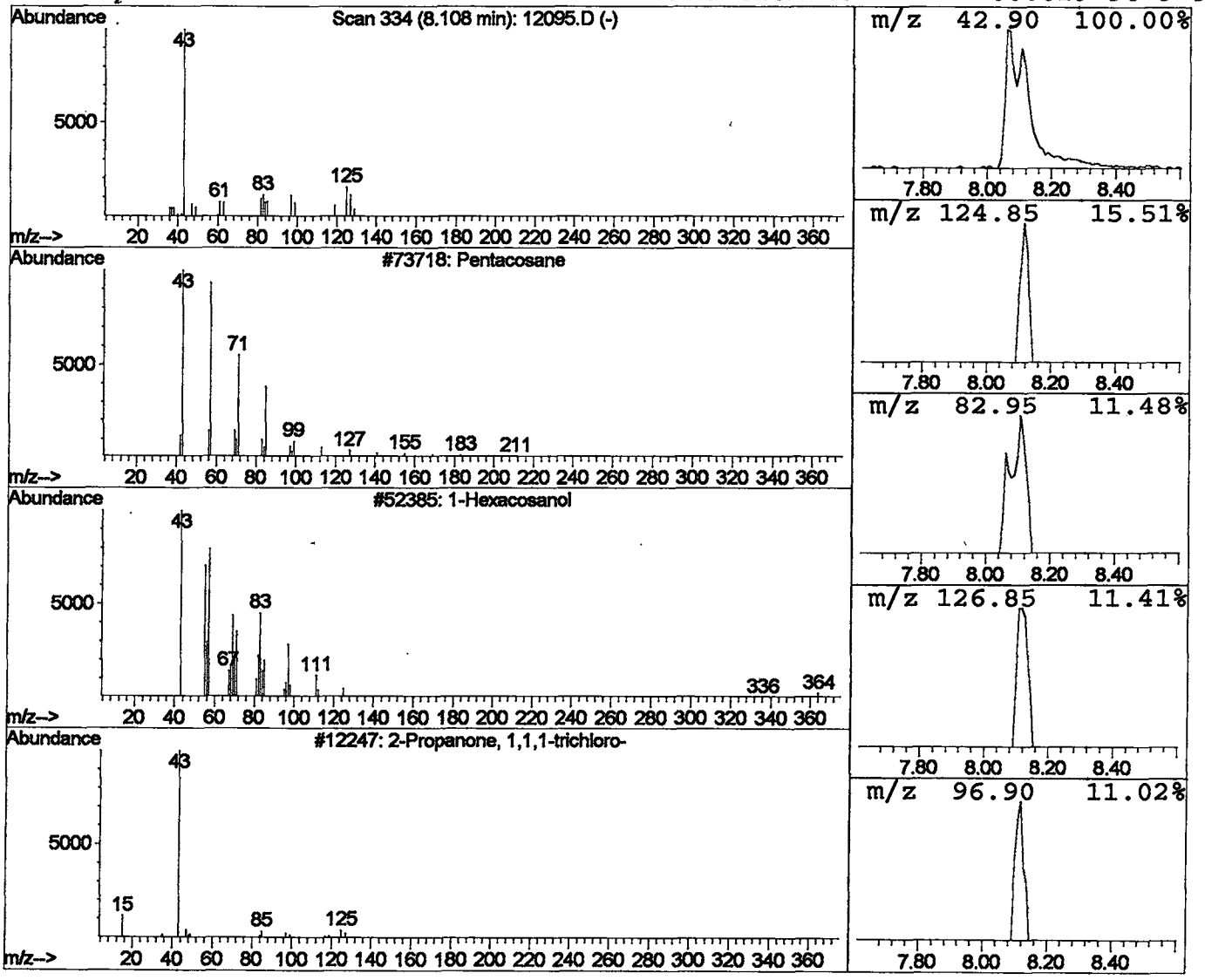
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Pentacosane Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.11	0.72 ug/l	55467	1,4-Dichlorobenzene-d4	12.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentacosane	352	C25H52	000629-99-2	9
2	1-Hexacosanol	382	C26H54O	000506-52-5	9
3	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	9
4	1-Eicosanol	298	C20H42O	000629-96-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12095.D
Acq On : 31 May 2002 2:51 am
Sample : re-ext
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: Morgan
Inst : 209
Multiplr: 1.00

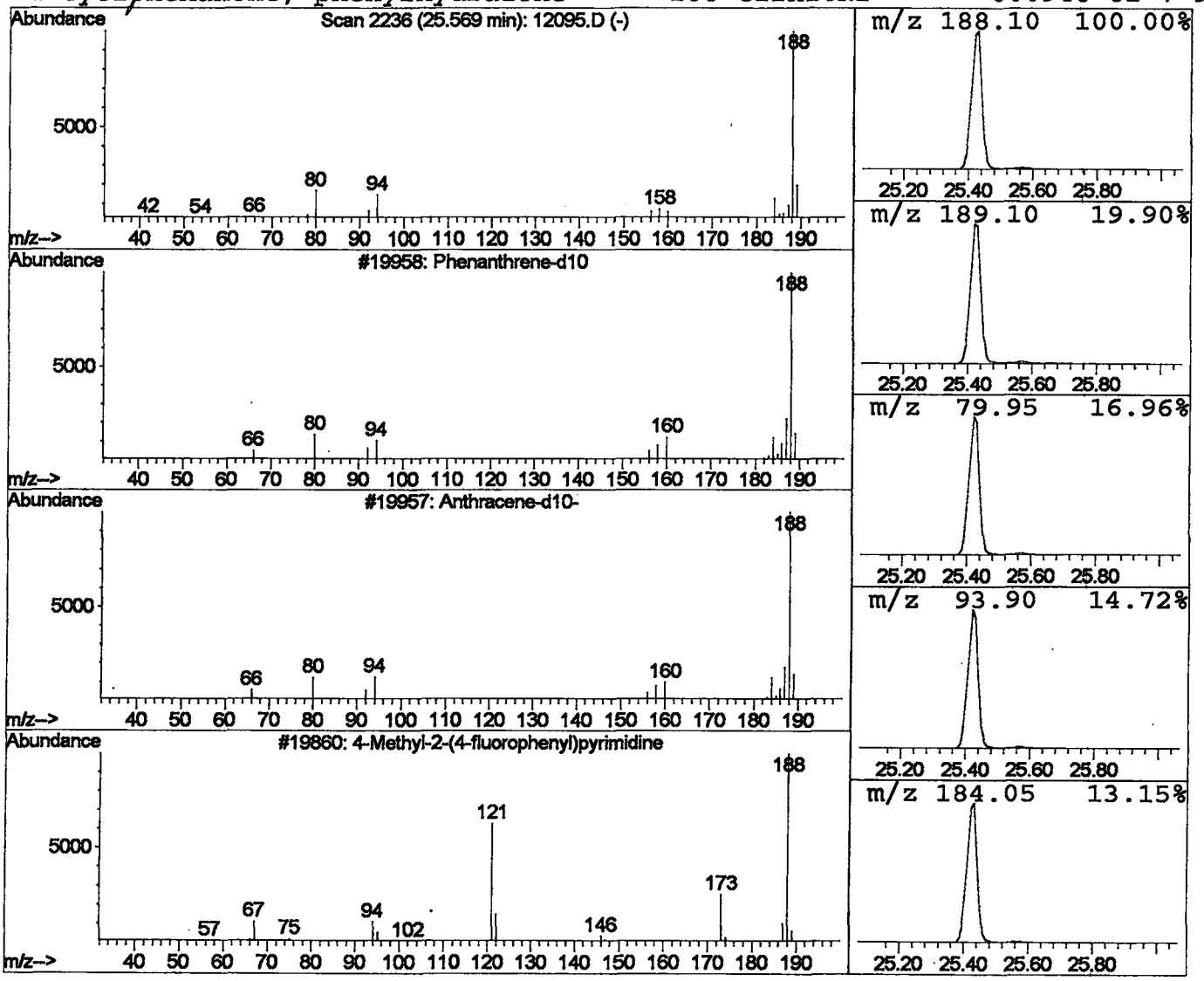
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.47 ug/l	50013	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10 IS	188	C14D10	001517-22-2	72
2	Anthracene-d10-	188	C14D10	001719-06-8	43
3	4-Methyl-2-(4-fluorophenyl)pyrimidi	188	C11H9FN2	076128-67-1	40
4	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 2:51 am
Data File: C:\HPCHEM\1\DATA\MAY3002\12095.D
Name: re-ext
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0520.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	8.06	0.9	ug/l	70719	ISTD01	12.06	3063930	40.0
Pentacosane	8.11	0.7	ug/l	55467	ISTD01	12.06	3063930	40.0
Phenanthrene-d10	25.57	0.5	ug/l	50013	ISTD04	25.43	4242820	40.0

12095.D GCMS0520.M Fri May 31 11:34:40 2002