User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 09:26:19

Sample: AE11284
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 09:25 Ended: 6/4/02 09:25 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		88		10.0

Comments for Sample AE11284 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 09:26:44

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\11284.D Vial: 11
Acq On : 30 May 2002 11:55 pm Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:23 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.07	152	592286	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2369120	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1121521	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.43	188	1731168	40.00	ug/l	-0.10
38) Chrysene-d12	33.47	240	1008272	40.00	ug/l	-0.13
44) Perylene-d12	37.66	264	623894	40.00	ug/l	-0.14
System Monitoring Compounds						
28) TCMX	23.14	209	198080	35.14	ug/L	-0.10
Spiked Amount 40.000			Recovery = 87.85%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.37	74	800	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-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	15.76	128	429	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	21.33	165	372	N.D.		
25) Diethylphthalate	22.48	149	1808	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1391	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	857	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	660	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\11284.D Vial: 11
Acq On : 30 May 2002 11:55 pm Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:23 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

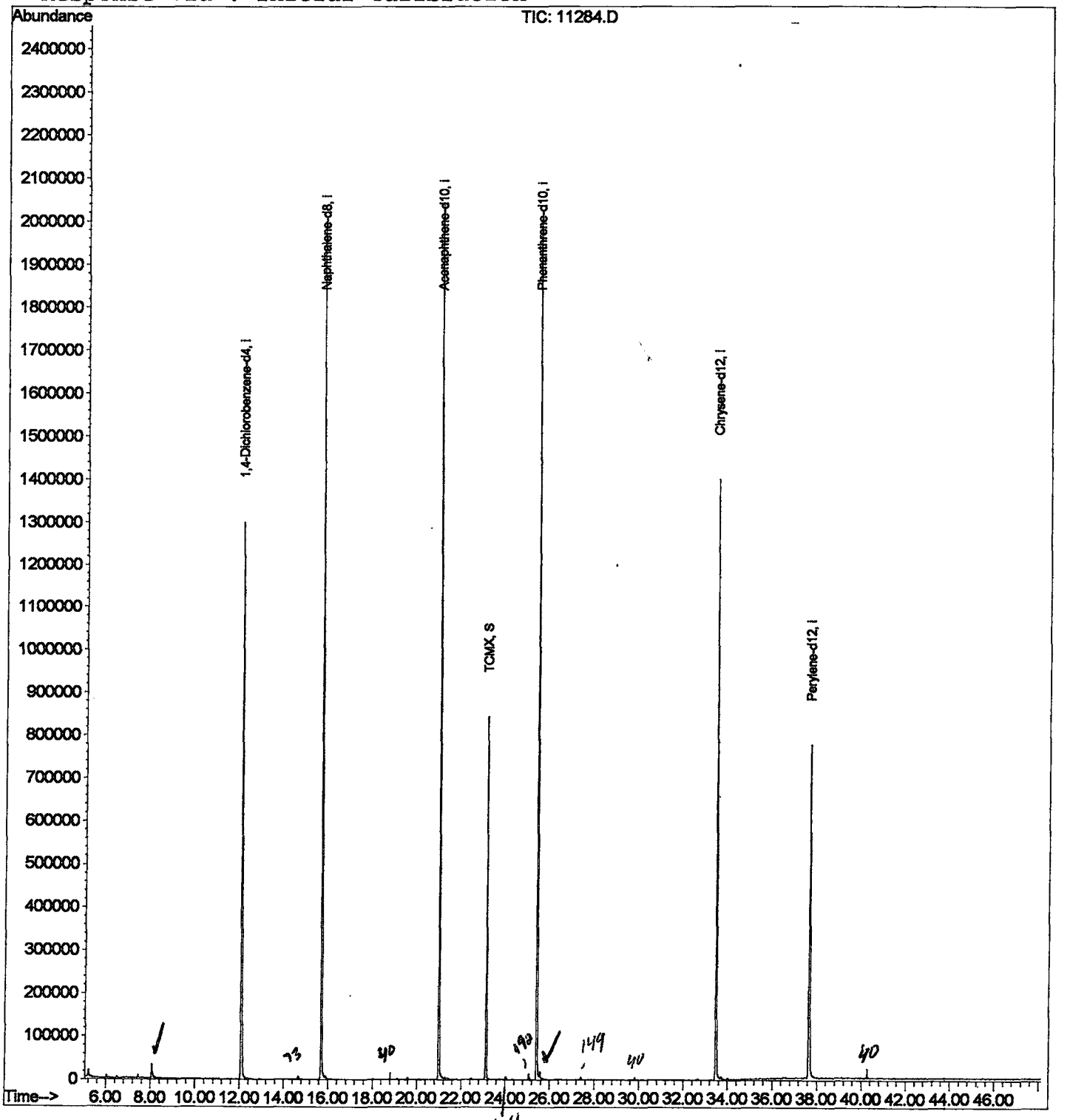
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.42	178	660	N.D.	
36)	Di-n-butylphthalate	27.41	149	7866	N.D.	
37)	Fluoranthene	29.12	202	109	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.91	149	452	N.D.	
41)	Benzo(a)anthracene	33.47	228	4476	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.70	149	4053	N.D.	
43)	Chrysene	33.55	228	1949	N.D.	
45)	Di-n-Octylphthalate	35.45	149	1603	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D. d	
47)	Benzo(k)fluoranthene	36.59	252	4455	N.D.	
48)	Benzo(a)pyrene	37.46	252	1959	N.D.	
49)	Indeno(1,2,3-cd)pyrene	41.66	276	274	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	Benzo(g,h,i)perylene	42.83	276	168	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3002\11284.D Vial: 11
Acq On : 30 May 2002 11:55 pm Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:23 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\11284.D Vial: 11
Acq On : 30 May 2002 11:55 pm 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

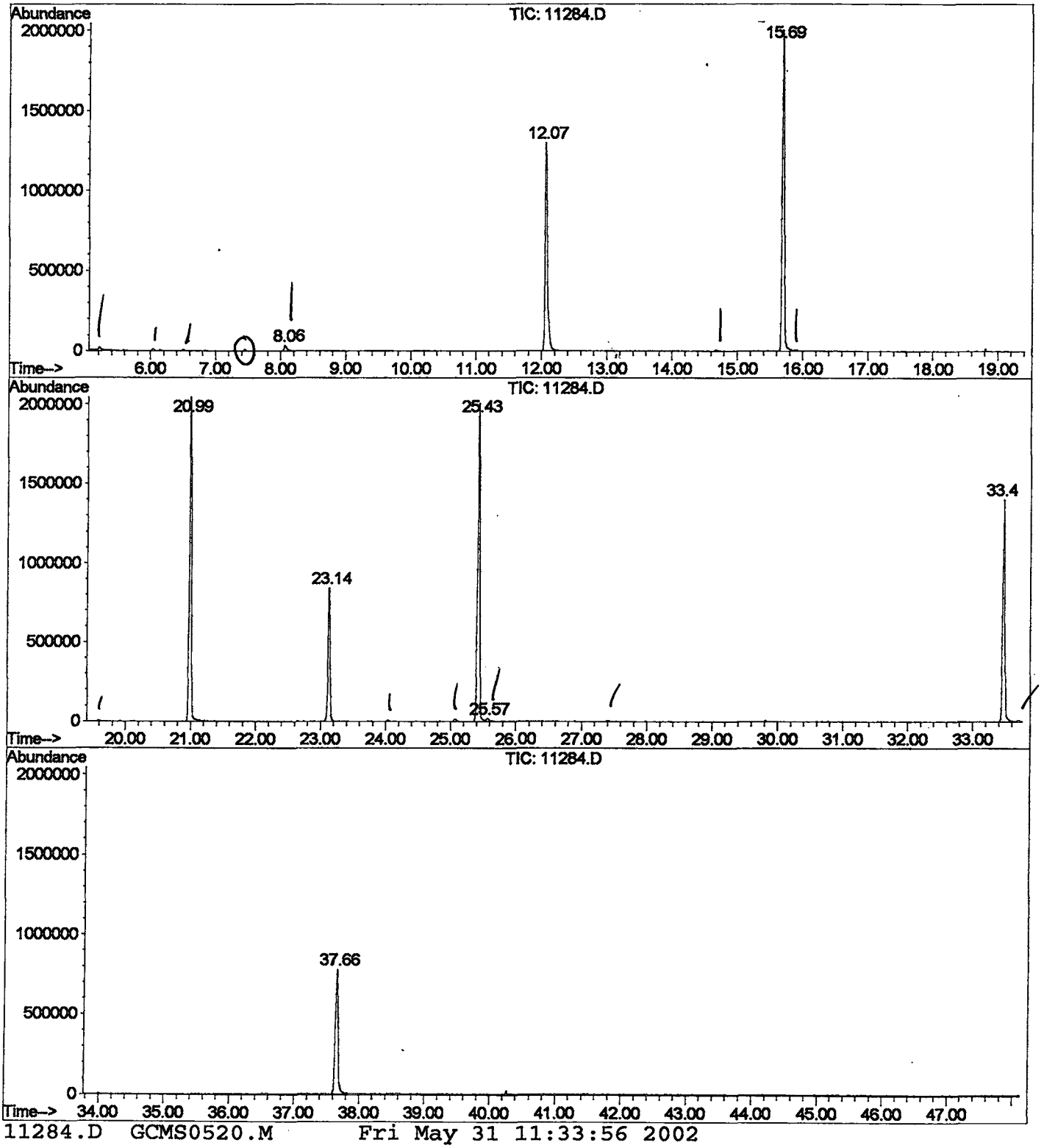
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.063	326	329	347	rBV	33562	100852	2.25%	0.419%
2	12.065	760	765	795	rBV	1299771	3221889	71.75%	13.393%
3	15.691	1154	1160	1177	rBV	1998194	4384315	97.63%	18.225%
4	20.988	1731	1737	1758	rBV	2043596	4490706	100.00%	18.668%
5	23.137	1959	1971	1983	rBV	843589	1823473	40.61%	7.580%
6	25.432	2213	2221	2231	rBV2	2006807	4480203	99.77%	18.624%
7	25.569	2232	2236	2244	rVB	17177	46324	1.03%	0.193%
8	33.474	3090	3097	3115	rBV2	1399768	3183374	70.89%	13.233%
9	37.660	3544	3553	3571	rBV2	773298	2325001	51.77%	9.665%

Sum of corrected areas: 24056137

11284.D GCMS0520.M Fri May 31 11:33:55 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3002\11284.D
Operator : Morgan
Acquired : 30 May 2002 11:55 pm using AcqMethod GCMS0528
Instrument : 209
Sample Name: re-ext
Misc Info :
Vial Number: 11
Quant File :GCMS0520.RES (RTE Integrator)



11284.D GCMS0520.M Fri May 31 11:33:56 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\11284.D Vial: 11
Acq On : 30 May 2002 11:55 pm Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

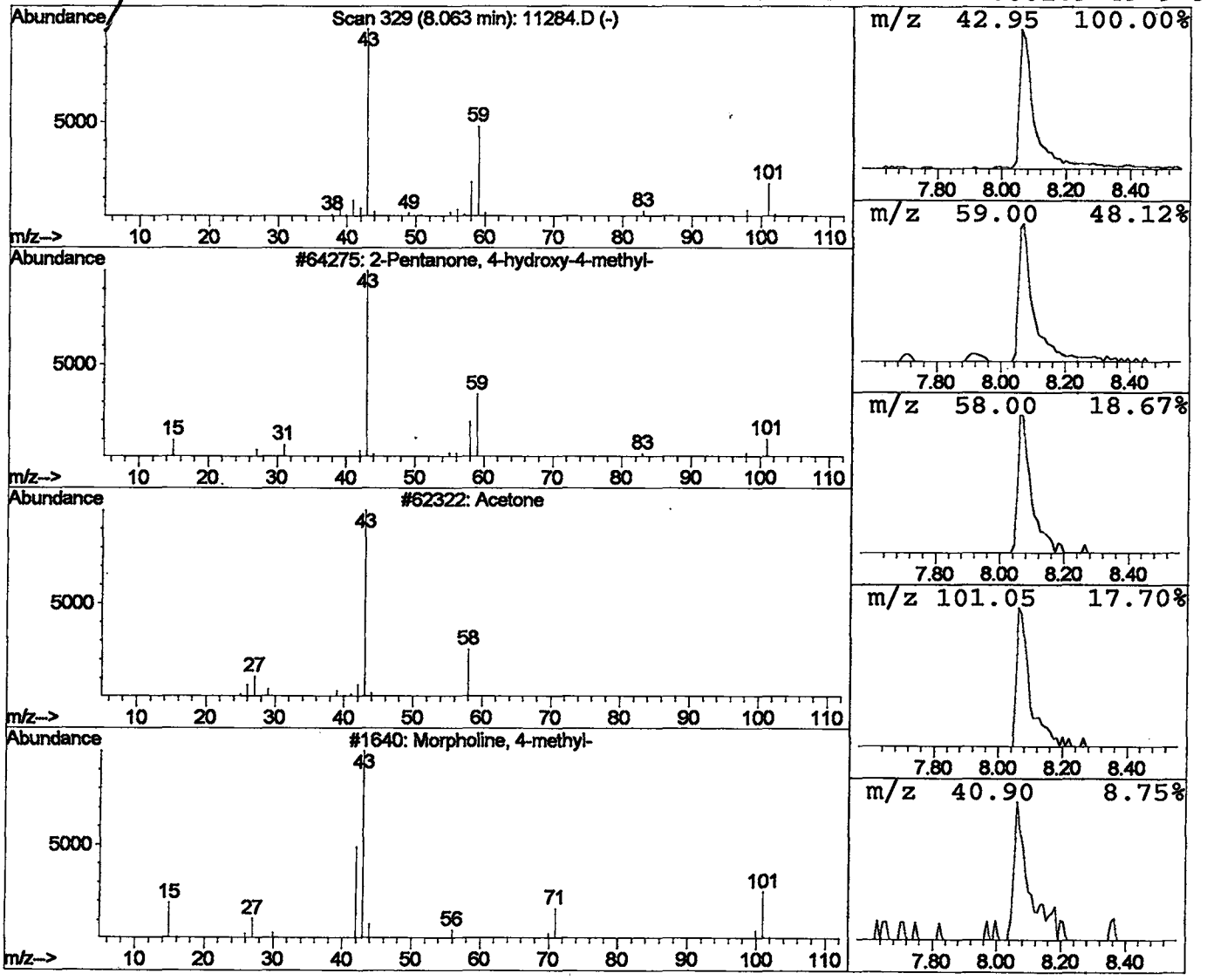
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	1.25 ug/l	100852	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	Acetone	58	C3H6O	000067-64-1	12
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\11284.D Vial: 11
Acq On : 30 May 2002 11:55 pm Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

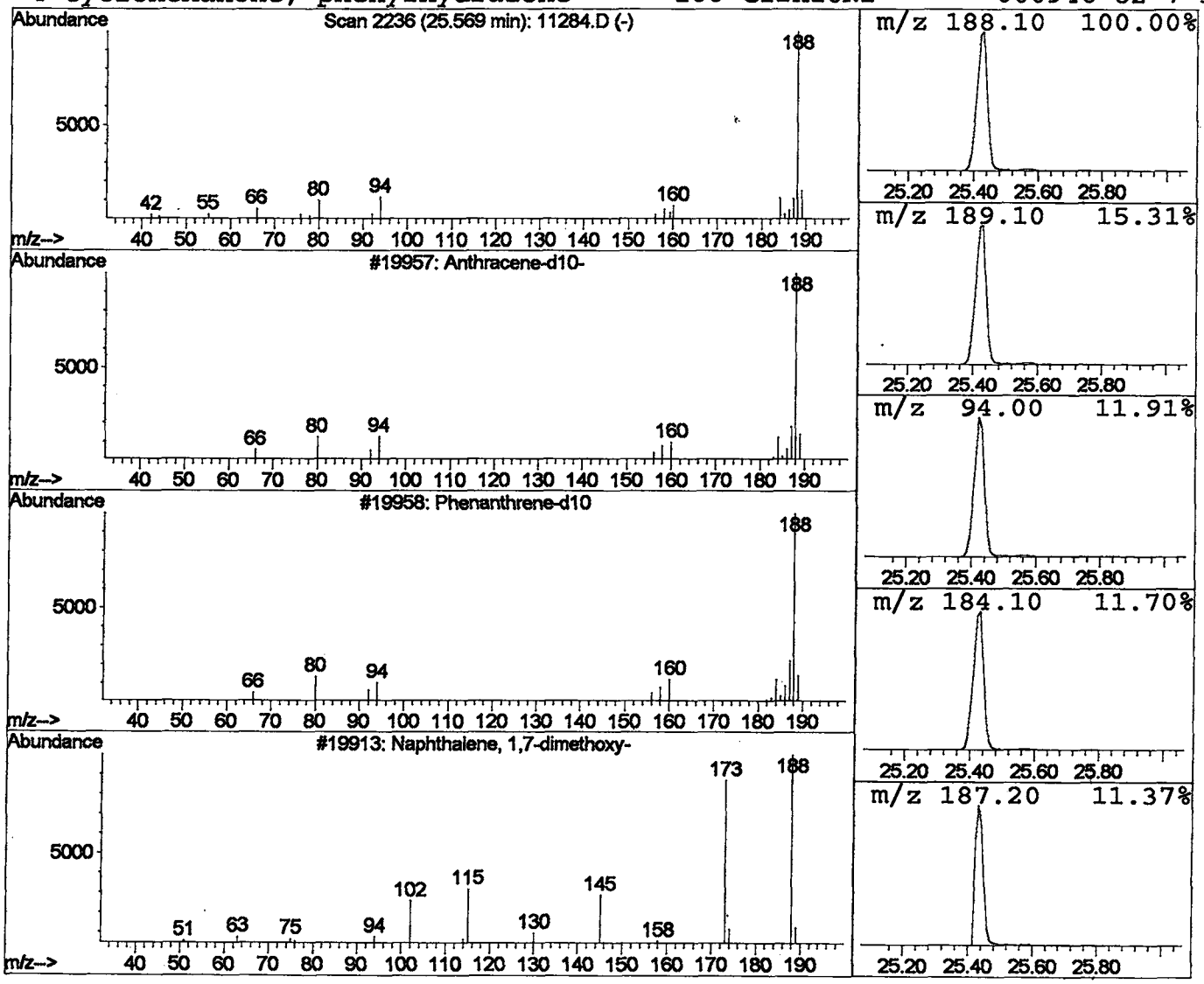
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.41 ug/l	46324	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10- IS	188	C14D10	001719-06-8	80
2	Phenanthrene-d10	188	C14D10	001517-22-2	47
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36
4	Cyclohexanone, phenylhydrazone	188	C12H16N2	000946-82-7	36



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 30 May 2002 11:55 pm
Data File: C:\HPCHEM\1\DATA\MAY3002\11284.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	1.3	ug/l	100852	ISTD01	12.07	3221890	40.0
Anthracene-d10-	25.57	0.4	ug/l	46324	ISTD04	25.43	4480200	40.0

11284.D GCMS0520.M Fri May 31 11:33:59 2002