User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 09:33:57

Sample: AE12096
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 09:32 Ended: 6/4/02 09:32 Analyst: DLV
Page: 1

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

Comments for Sample AE12096 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-04-2002 Time: 09:34:22

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\12096.D Vial: 15
Acq On : 31 May 2002 3:50 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:27 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	557022	40.00	ug/l	-0.07
10) Naphthalene-d8	15.70	136	2250799	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1065313	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.43	188	1648656	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	991731	40.00	ug/l	-0.14
44) Perylene-d12	37.66	264	628102	40.00	ug/l	-0.15
System Monitoring Compounds						
28) TCMX	23.13	209	187886	35.09	ug/L	-0.10
Spiked Amount 40.000			Recovery = 87.73%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	5.44	74	394	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.05	146	225	N.D.		
5) 1,4-Dichlorobenzene	12.05	146	225	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	224	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.48	149	5571	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1264	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.43	178	579	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\12096.D Vial: 15
Acq On : 31 May 2002 3:50 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:27 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

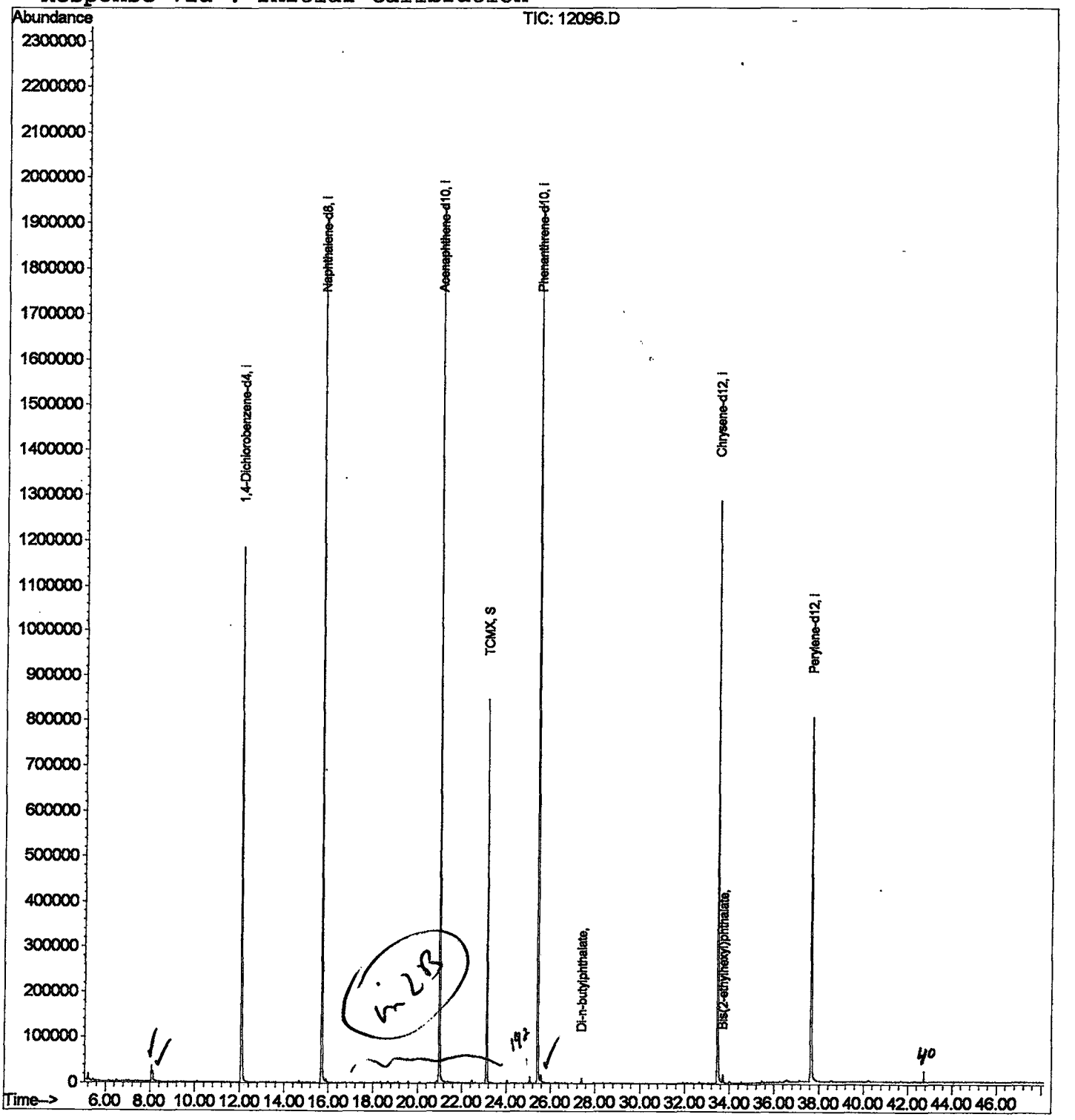
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.43	178	579	N.D.	
36)	Di-n-butylphthalate	27.41	149	16477	0.30 ug/l	99
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.93	149	1028	N.D.	
41)	Benzo(a)anthracene	33.55	228	2665	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	12226	0.50 ug/l #	97
43)	Chrysene	33.55	228	2802	N.D.	
45)	Di-n-Octylphthalate	35.45	149	5594	N.D.	
46)	Benzo(b)fluoranthene	36.51	252	3234	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D. d	
48)	Benzo(a)pyrene	37.47	252	1234	N.D.	
49)	Indeno(1,2,3-cd)pyrene	41.81	276	100	N.D.	
50)	Dibenz(a,h)anthracene	41.68	278	3890	N.D.	
51)	Benzo(g,h,i)perylene	42.81	276	2027	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12096.D Vial: 15
Acq On : 31 May 2002 3:50 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 31 11:27 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\12096.D Vial: 15
Acq On : 31 May 2002 3:50 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

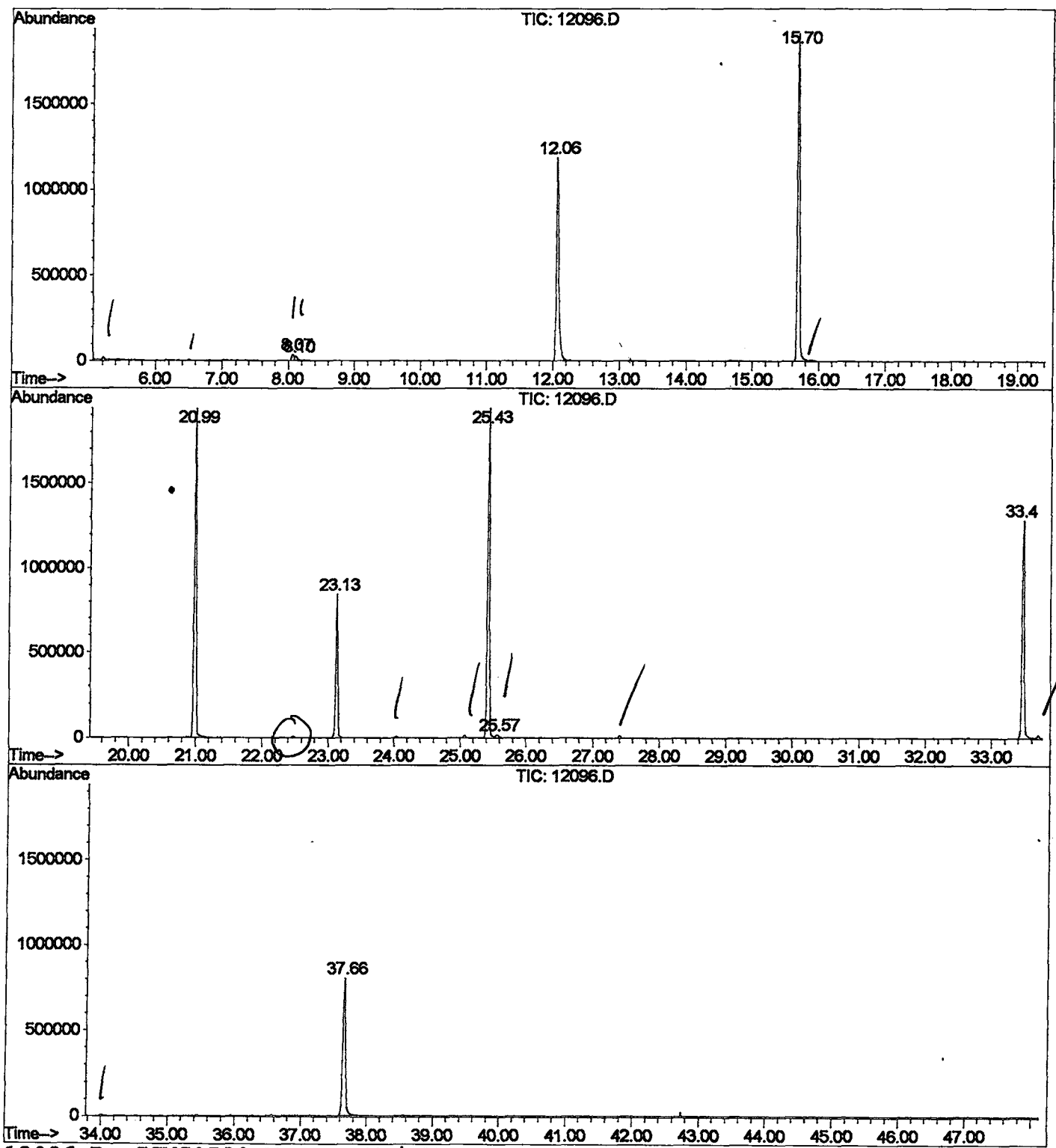
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.068	325	329	331	rBV	35428	71002	1.67%	0.307%
2	8.105	331	333	343	rVB	22528	58917	1.38%	0.255%
3	12.061	759	764	788	rBV	1183993	3054646	71.69%	13.220%
4	15.697	1153	1160	1177	rBV	1909712	4173338	97.94%	18.062%
5	20.994	1730	1737	1758	rBV	1935995	4227037	99.20%	18.294%
6	23.133	1960	1970	1984	rBV	846190	1766785	41.46%	7.646%
7	25.428	2213	2220	2231	rBV2	1940689	4260945	100.00%	18.441%
8	25.566	2231	2235	2247	rVB	16924	51324	1.20%	0.222%
9	33.470	3089	3096	3110	rBV2	1286180	3109730	72.98%	13.458%
10	37.656	3544	3552	3575	rBV2	801558	2332415	54.74%	10.094%

Sum of corrected areas: 23106139

12096.D GCMS0520.M Fri May 31 11:34:53 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3002\12096.D
Operator : Morgan
Acquired : 31 May 2002 3:50 am using AcqMethod GCMS0528
Instrument : 209
Sample Name: re-ext
Misc Info :
Vial Number: 15
Quant File :GCMS0520.RES (RTE Integrator)



12096.D GCMS0520.M Fri May 31 11:34:54 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12096.D Vial: 15
Acq On : 31 May 2002 3:50 am Operator: Morgan
Sample : re-ext Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

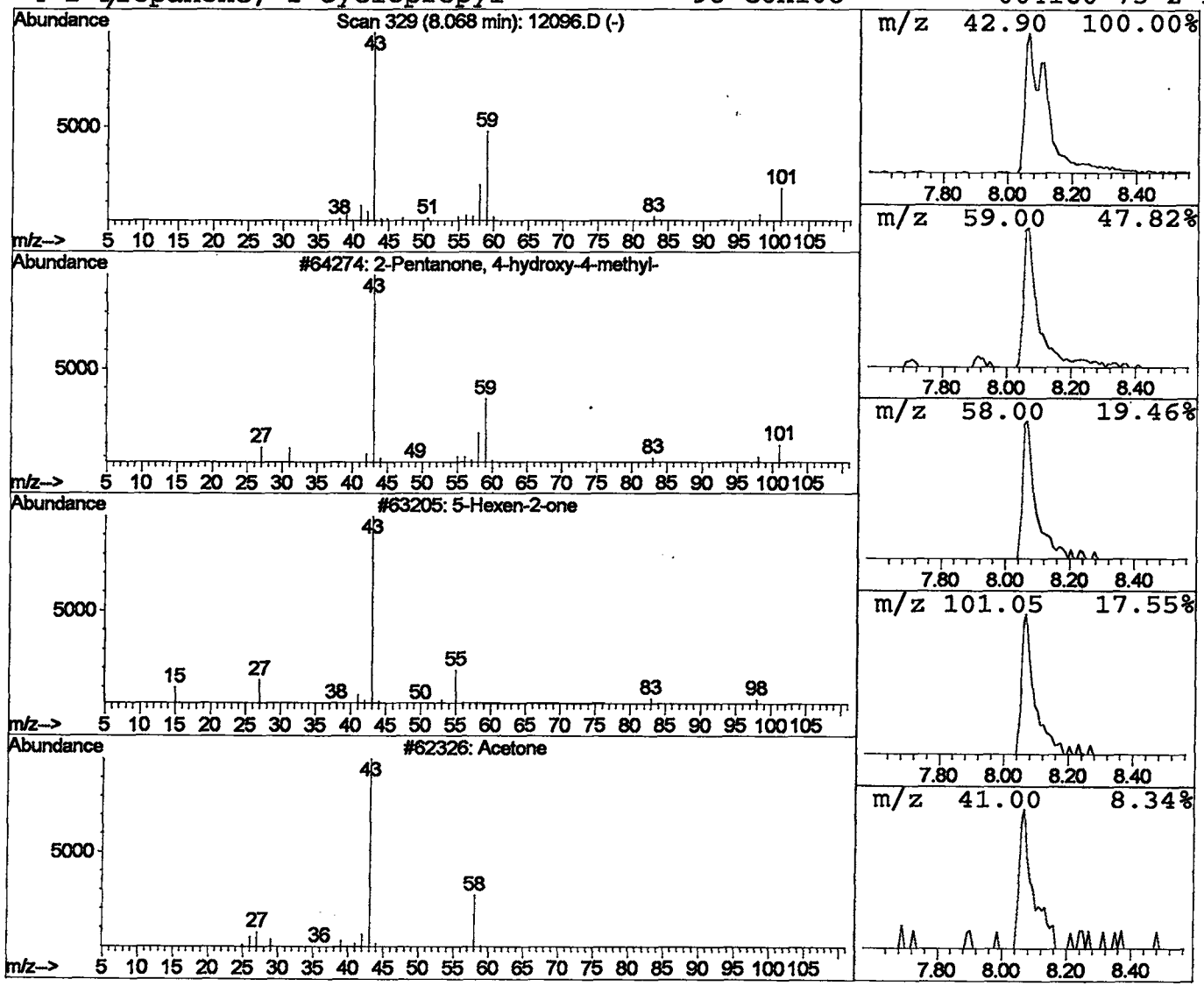
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.07	0.93 ug/l	71002	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	59
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Acetone	58	C3H6O	000067-64-1	7
4	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12096.D
Acq On : 31 May 2002 3:50 am
Sample : re-ext
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: Morgan
Inst : 209
Multiplr: 1.00

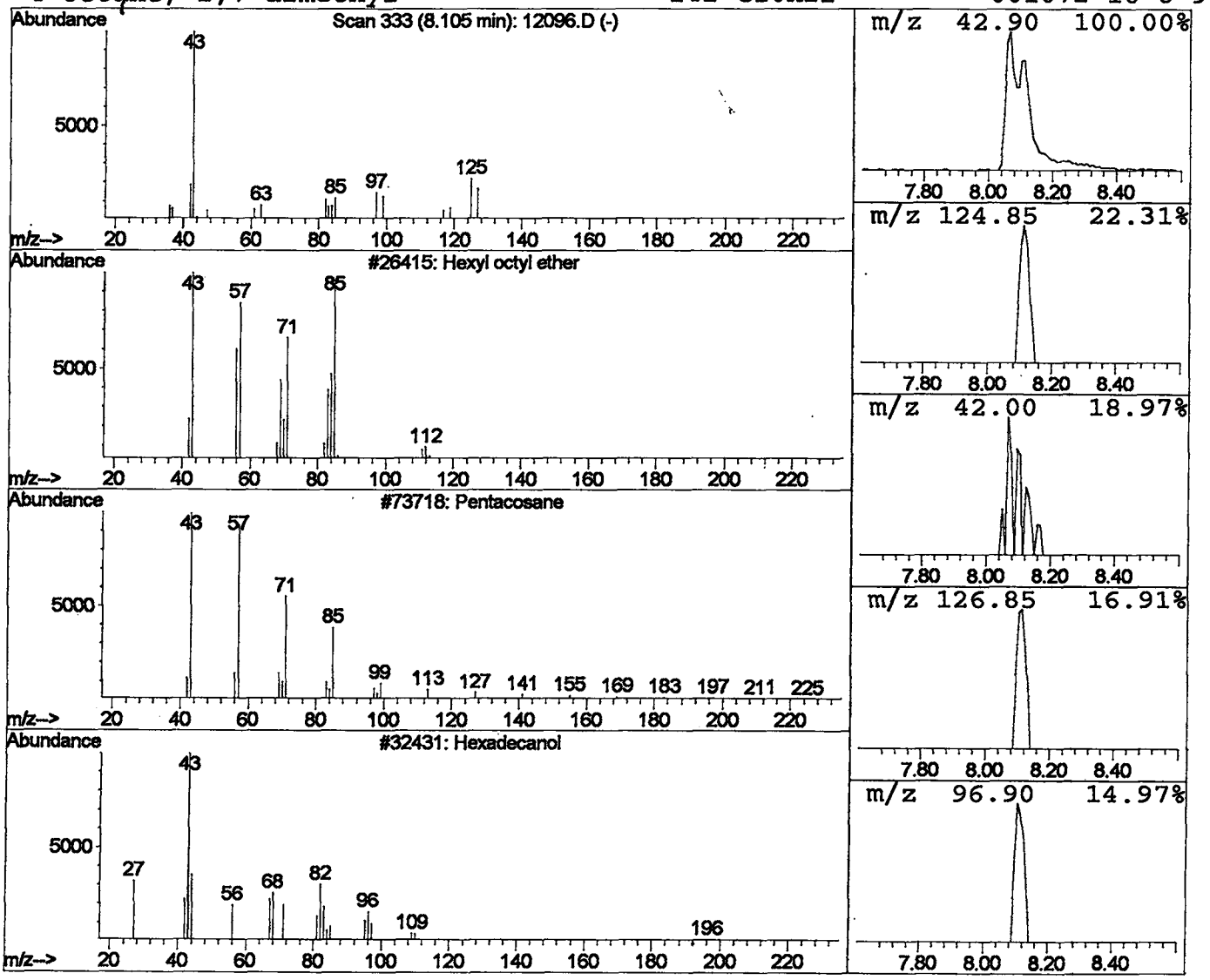
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hexyl octyl ether Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.10	0.77 ug/l	58917	1,4-Dichlorobenzene-d4	12.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexyl octyl ether	214	C14H30O	000000-00-0	10
2	Pentacosane	352	C25H52	000629-99-2	9
3	Hexadecanol	242	C16H34O	029354-98-1	9
4	Octane, 2,7-dimethyl-	142	C10H22	001072-16-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12096.D
Acq On : 31 May 2002 3:50 am
Sample : re-ext
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: Morgan
Inst : 209
Multiplr: 1.00

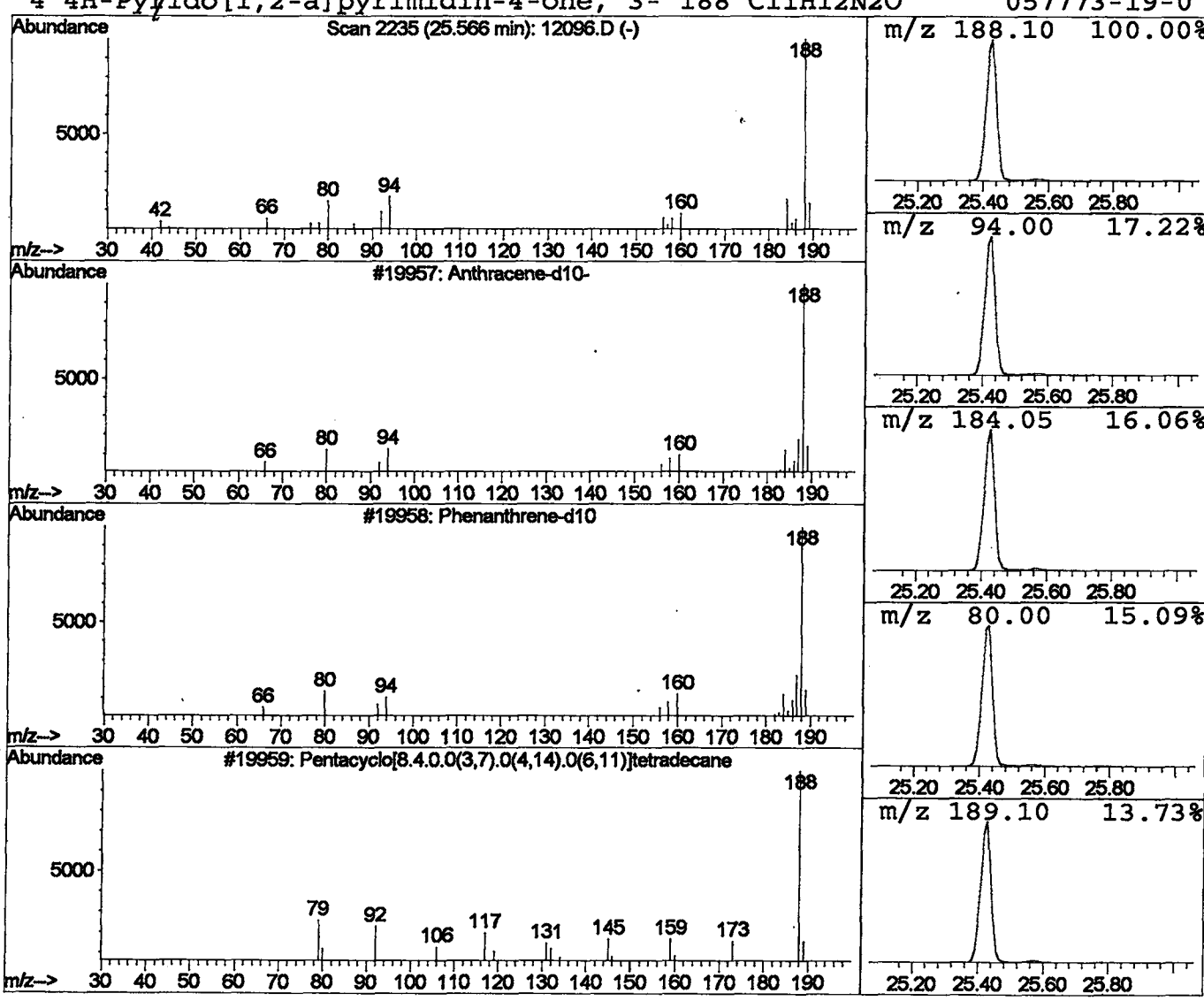
Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.48 ug/l	51324	Phenanthrene-d10	25.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	91
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36
4	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 3:50 am
Data File: C:\HPCHEM\1\DATA\MAY3002\12096.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	8.07	0.9	ug/l	71002	ISTD01	12.07	3054650	40.0
Hexyl octyl ether	8.10	0.8	ug/l	58917	ISTD01	12.07	3054650	40.0
Anthracene-d10-	25.57	0.5	ug/l	51324	ISTD04	25.43	4260950	40.0

12096.D GCMS0520.M Fri May 31 11:34:57 2002