User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/03/2002 Time: 11:22:11

Sample: AE12164
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/3/02 11:21 Ended: 6/3/02 11:21 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		83		10.0

Comments for Sample AE12164 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 06-03-2002 Time: 11:35:23

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\MAY2902\12164.D Vial: 7
Acq On : 29 May 2002 5:14 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:20 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 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	616354	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2463459	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1184826	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.42	188	1818369	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	1082580	40.00	ug/l	-0.13
44) Perylene-d12	37.66	264	687925	40.00	ug/l	-0.14
System Monitoring Compounds						
28) TCMX	23.14	209	271437	33.18	ug/L	-0.10
Spiked Amount 40.000			Recovery = 82.95%			
Target Compounds						Qvalue
2) N-nitrosodimethylamine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.07	146	371	N.D.		
5) 1,4-Dichlorobenzene	12.07	146	371	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	13.40	77	109	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	812	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	20.54	165	171	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.32	165	271	N.D.		
25) Diethylphthalate	22.48	149	1015	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1336	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	767	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.50	178	501	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\12164.D Vial: 7
Acq On : 29 May 2002 5:14 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:20 2002 Quant Results File: GCMS0528.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0528

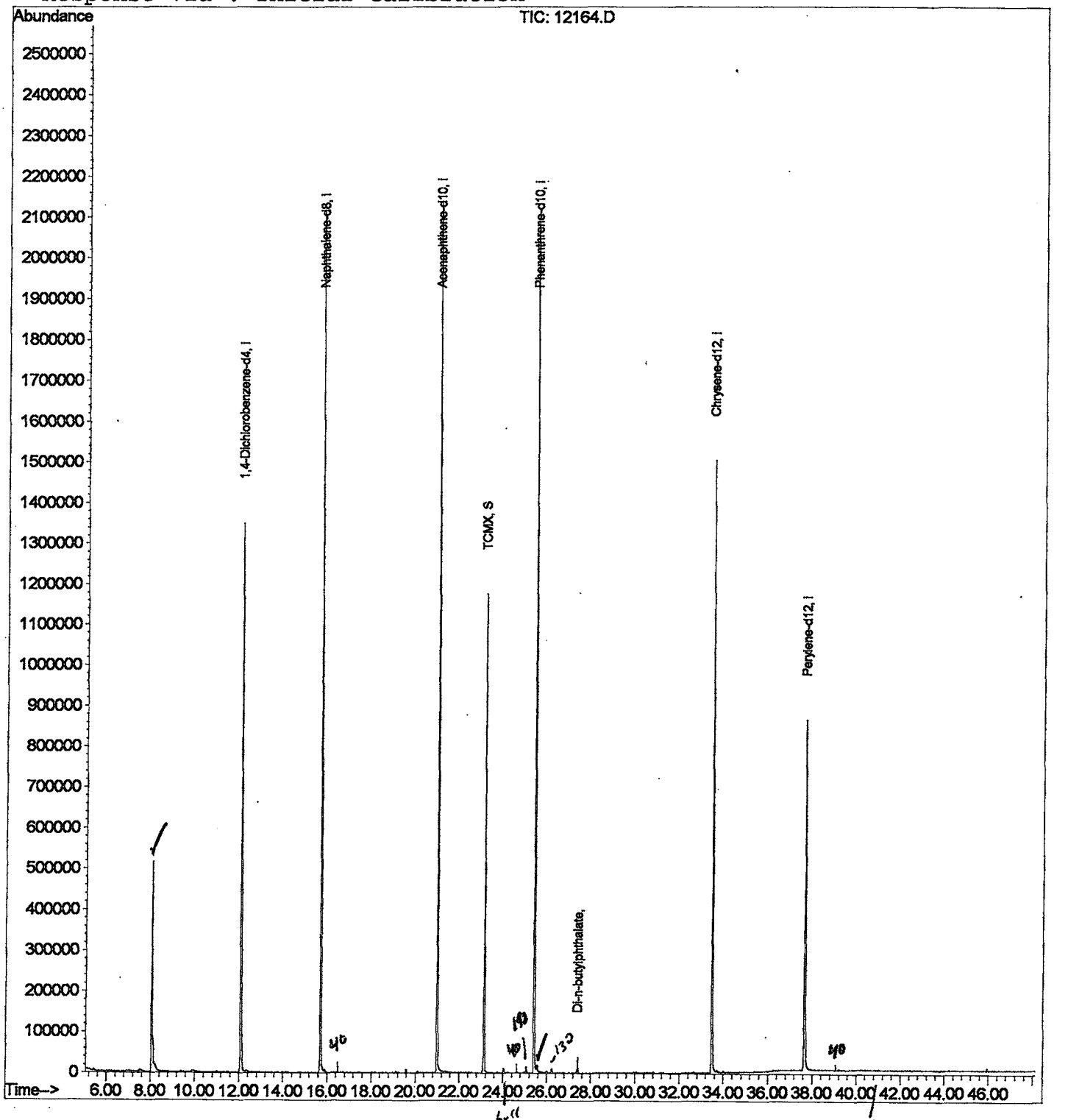
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.50	178	501	N.D.	
36)	Di-n-butylphthalate	27.41	149	45446	0.76 ug/l #	98
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	31.93	149	275	N.D.	
41)	Benzo(a)anthracene	33.48	228	3096	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.71	149	2265	N.D.	
43)	Chrysene	33.55	228	706	N.D.	
45)	Di-n-Octylphthalate	35.44	149	824	N.D.	
46)	Benzo(b)fluoranthene	36.51	252	1331	N.D.	
47)	Benzo(k)fluoranthene	36.59	252	1858	N.D.	
48)	Benzo(a)pyrene	37.47	252	1015	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\MAY2902\12164.D Vial: 7
Acq On : 29 May 2002 5:14 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 30 8:20 2002 Quant Results File: GCMS0528.RES

Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue May 28 08:55:48 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12164.D Vial: 7
Acq On : 29 May 2002 5:14 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0528.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

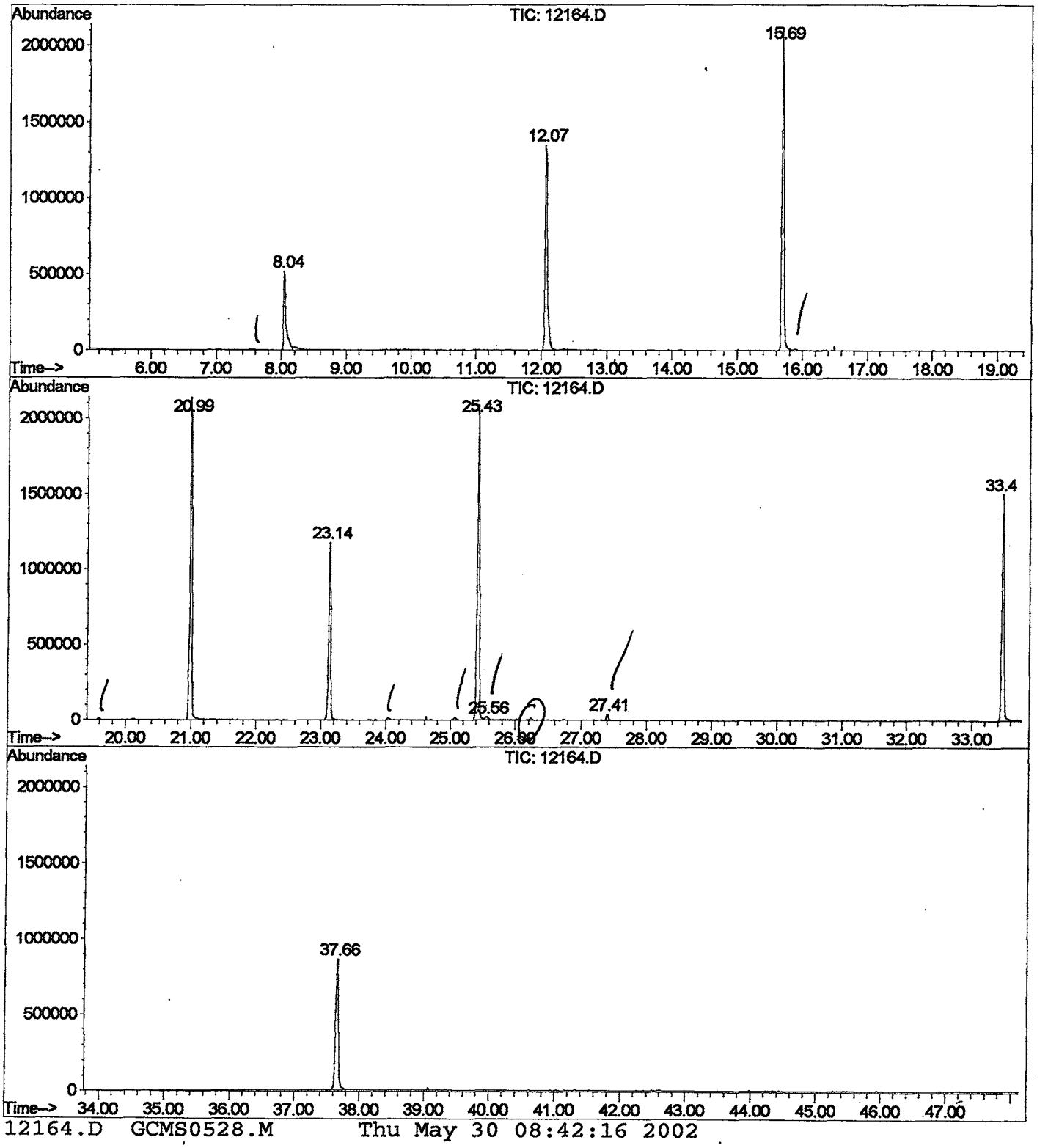
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.044	323	327	340	rBV	514692	1266547	27.12%	4.674%
2	12.065	760	765	784	rBV	1347809	3359128	71.92%	12.397%
3	15.692	1154	1160	1178	rBV	2114615	4544329	97.30%	16.771%
4	20.989	1730	1737	1752	rBV	2139341	4631138	99.16%	17.091%
5	23.137	1962	1971	1983	rBV	1176114	2520502	53.97%	9.302%
6	25.432	2214	2221	2231	rBV2	2088022	4670376	100.00%	17.236%
7	25.560	2231	2235	2242	rVB	17406	53317	1.14%	0.197%
8	27.406	2428	2436	2443	rBV	39150	78296	1.68%	0.289%
9	33.474	3090	3097	3114	rBV2	1503694	3421041	73.25%	12.625%
10	37.660	3544	3553	3569	rBV2	858417	2551944	54.64%	9.418%

Sum of corrected areas: 27096618

12164.D GCMS0528.M Thu May 30 08:42:15 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12164.D
Operator : Morgan
Acquired : 29 May 2002 5:14 pm using AcqMethod GCMS0528
Instrument : 209
Sample Name: gc/ms scan 5/23
Misc Info :
Vial Number: 7
Quant File :GCMS0528.RES (RTE Integrator)



12164.D GCMS0528.M Thu May 30 08:42:16 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12164.D Vial: 7
Acq On : 29 May 2002 5:14 pm Operator: Morgan
Sample : gc/ms scan 5/23 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

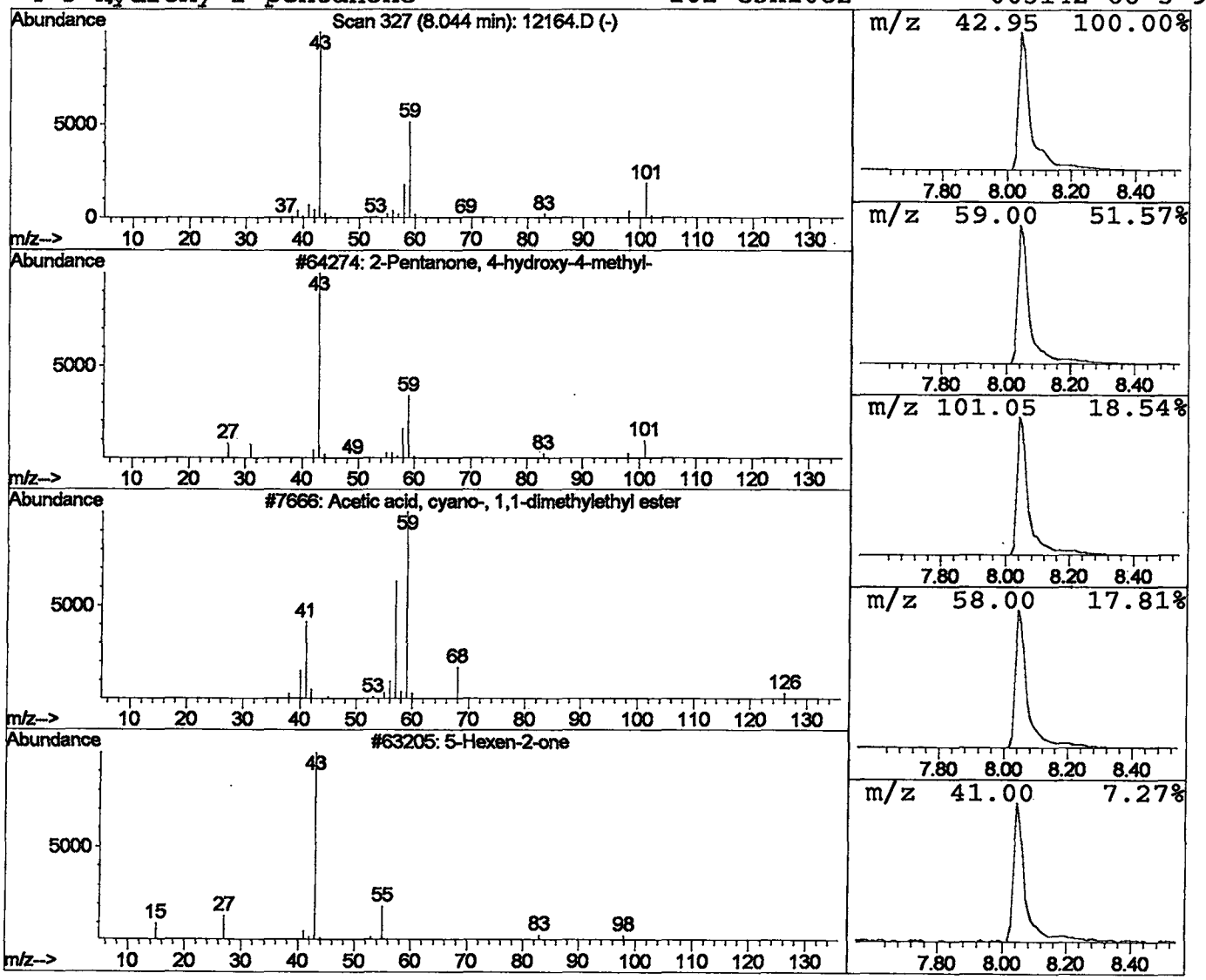
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	15.08 ug/l	1266550	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	45
2	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12164.D
Acq On : 29 May 2002 5:14 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: Morgan
Inst : 209
Multiplr: 1.00

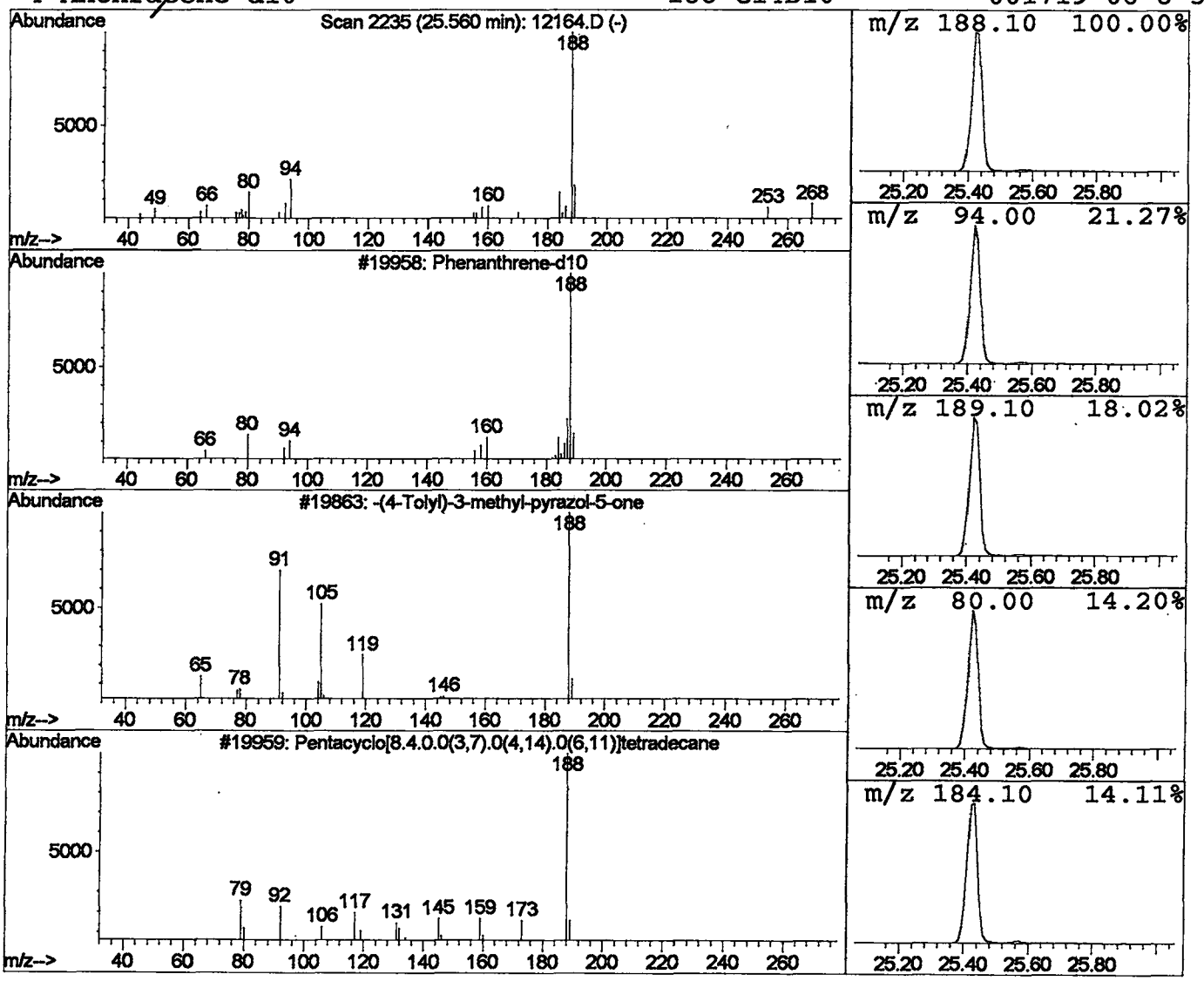
Quant Method : C:\HPCHEM\1\METHODS\GCMS0528.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.56	0.46 ug/l	53317	Phenanthrene-d10	25.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10 SS	188	C14D10	001517-22-2	38
2	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	38
3	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	33
4	Anthracene-d10-	188	C14D10	001719-06-8	32



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 29 May 2002 5:14 pm
Data File: C:\HPCHEM\1\DATA\MAY2902\12164.D
Name: gc/ms scan 5/23
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0528.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	8.04	15.1	ug/l	1266550	ISTD01	12.07	3359130	40.0
Phenanthrene-d10	25.56	0.5	ug/l	53317	ISTD04	25.42	4670380	40.0

12164.D GCMS0528.M Thu May 30 08:42:18 2002