

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/04/2002 Time: 09:35:39

Sample: AE12097
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/4/02 09:34 Ended: 6/4/02 09:34 Analyst: DLV
Page: 1

	Component Name	Via	Result	Qualifier	MOI
1	Other unknown compounds		.		
2	Surr_2,4-DDD		89		10.0

Comments for Sample AE12097 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-04-2002 Time: 09:36:04

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\12097.D
 Acq On : 31 May 2002 4:48 am
 Sample : re-ext
 Misc :

Vial: 16
 Operator: Morgan
 Inst : 209
 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	12.06	152	631008	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2547450	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1208811	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.43	188	1894917	40.00	ug/l	-0.10
38) Chrysene-d12	33.47	240	1180169	40.00	ug/l	-0.13
44) Perylene-d12	37.66	264	768028	40.00	ug/l	-0.14

System Monitoring Compounds

28) TCMX	23.14	209	215465	35.47	ug/L	-0.10
Spiked Amount	40.000		Recovery	=	88.68%	

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	12.06	146	534	N.D.	
5) 1,4-Dichlorobenzene	12.06	146	534	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	275	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	1951	N.D.	
26) 4-Chlorophenylphenylether	23.14	204	1439	N.D.	
27) Fluorene	0.00	166	0	N.D.	
29) Azobenzene	0.00	77	0	N.D.	
31) N-Nitrosodiphenylamine	23.14	168	523	N.D.	
32) 4-Bromophenylphenylether	0.00	248	0	N.D.	
33) Hexachlorobenzene	0.00	284	0	N.D.	
34) Phenanthrene	25.44	178	853	N.D.	

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY3002\12097.D
Acq On : 31 May 2002 4:48 am
Sample : re-ext
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 31 11:27 2002

Vial: 16
Operator: Morgan
Inst : 209
Multiplr: 1.00

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	25.44	178	736		N.D.	
36) Di-n-butylphthalate	27.41	149	7962		N.D.	
37) Fluoranthene	0.00	202	0		N.D.	
39) Pyrene	0.00	202	0		N.D.	
40) Butylbenzylphthalate	31.93	149	131		N.D.	
41) Benzo(a)anthracene	33.47	228	2806		N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	3788		N.D.	
43) Chrysene	33.47	228	2805		N.D.	
45) Di-n-Octylphthalate	35.44	149	840		N.D.	
46) Benzo(b)fluoranthene	36.52	252	997		N.D.	
47) Benzo(k)fluoranthene	36.58	252	1113		N.D.	
48) Benzo(a)pyrene	37.47	252	673		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

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12097.D

Acq On : 31 May 2002 4:48 am

Sample : re-ext

Misc :

MS Integration Params: GOOFY.P

Quant Time: May 31 11:27 2002

Vial: 16

Operator: Morgan

Inst : 209

Multiplr: 1.00

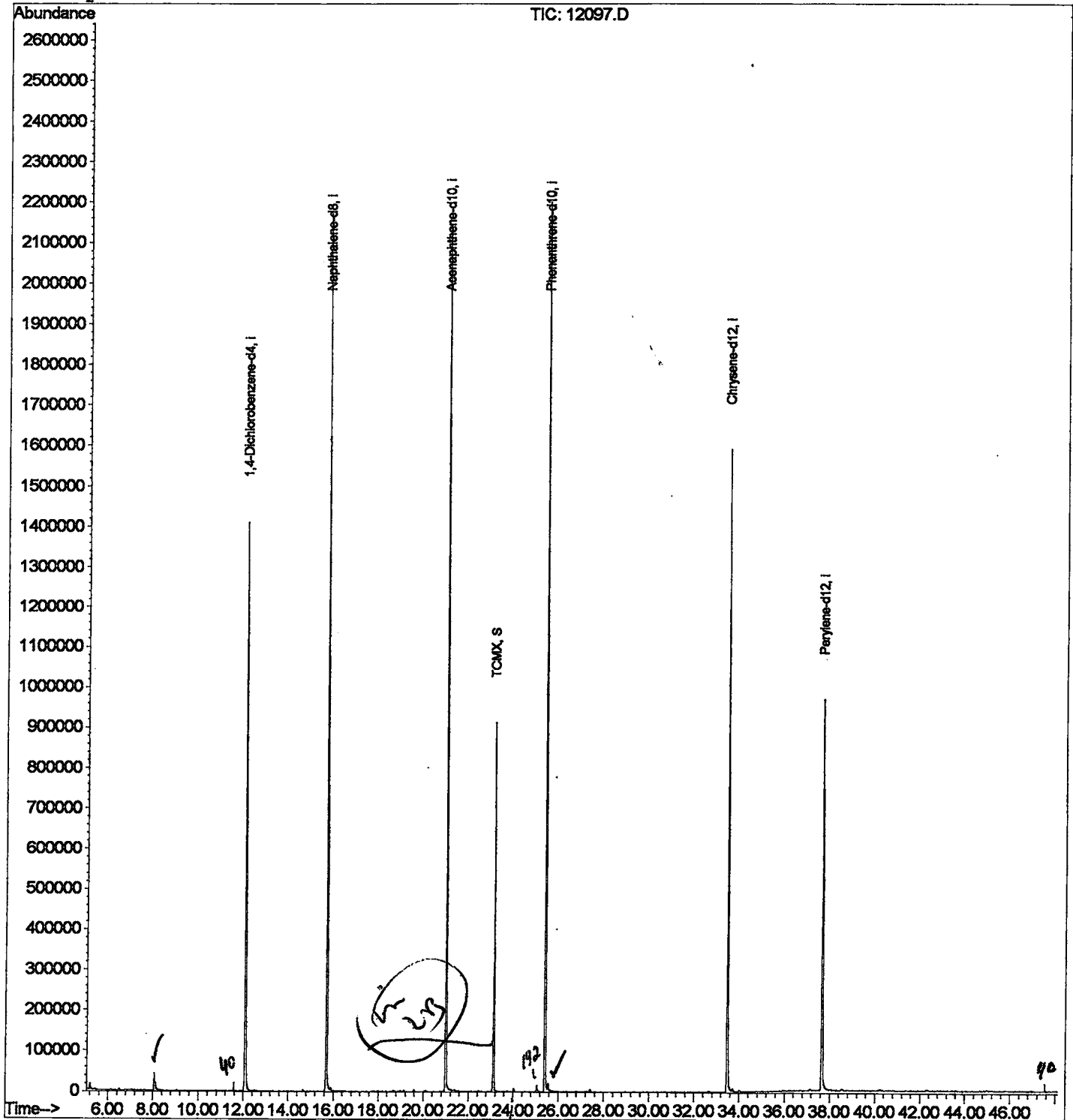
Quant Results File: GCMS0520.RES

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



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12097.D

Acq On : 31 May 2002 4:48 am

Sample : re-ext

Misc :

MS Integration Params: LSCINT.P

Vial: 16

Operator: Morgan

Inst : 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Smoothing : OFF

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1 % of largest Peak

Max Peaks: 100

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	325	329	332	rBV	42589	85751	1.75%	0.323%
2	12.065	759	765	787	rBV	1410817	3445192	70.47%	12.982%
3	15.691	1154	1160	1176	rBV	2169355	4701488	96.17%	17.716%
4	20.988	1730	1737	1750	rBV	2144709	4758232	97.33%	17.930%
5	23.127	1962	1970	1981	rBV	913579	2019387	41.31%	7.609%
6	25.432	2213	2221	2232	rBV	2200857	4888868	100.00%	18.422%
7	25.569	2232	2236	2245	rVB	19146	50518	1.03%	0.190%
8	33.473	3088	3097	3118	rBV2	1591741	3726630	76.23%	14.042%
9	37.660	3544	3553	3569	rBV2	966405	2862204	58.55%	10.785%

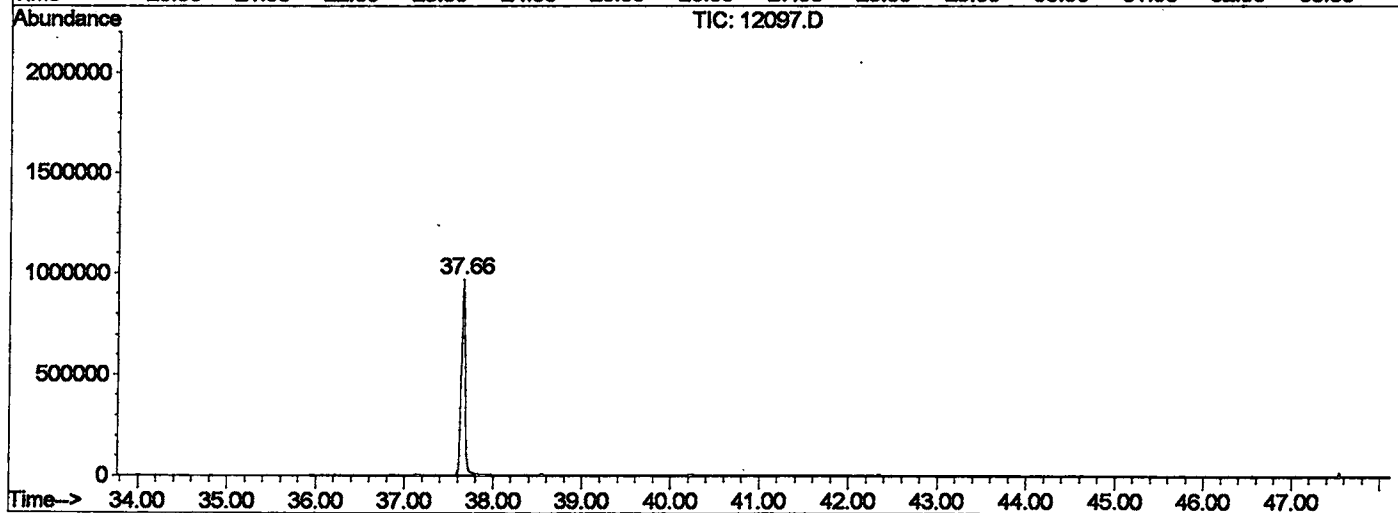
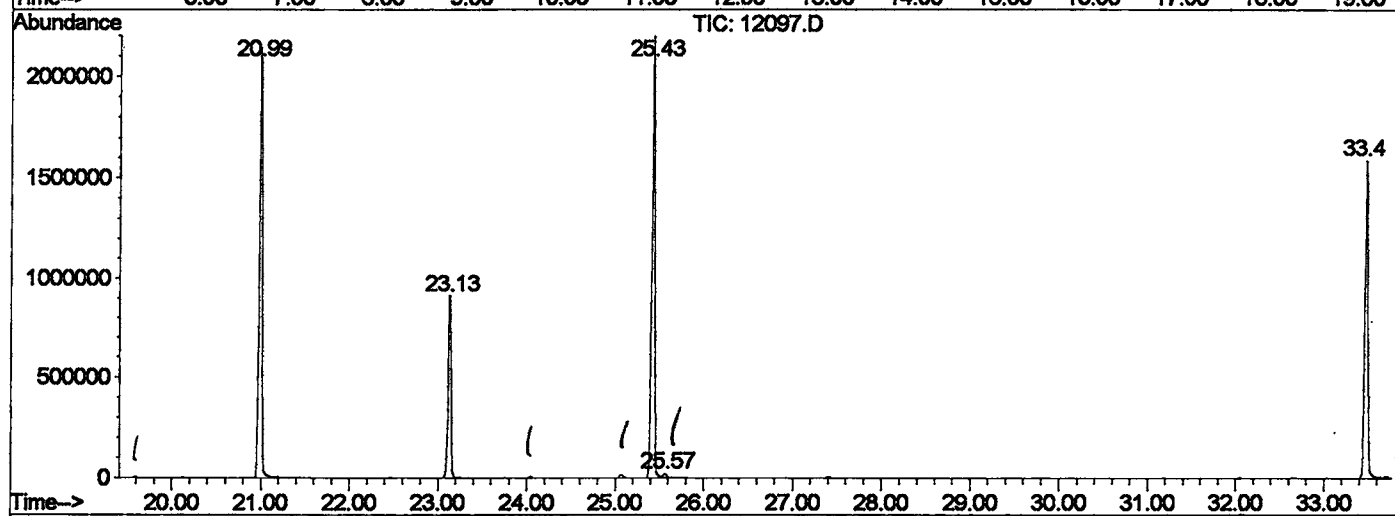
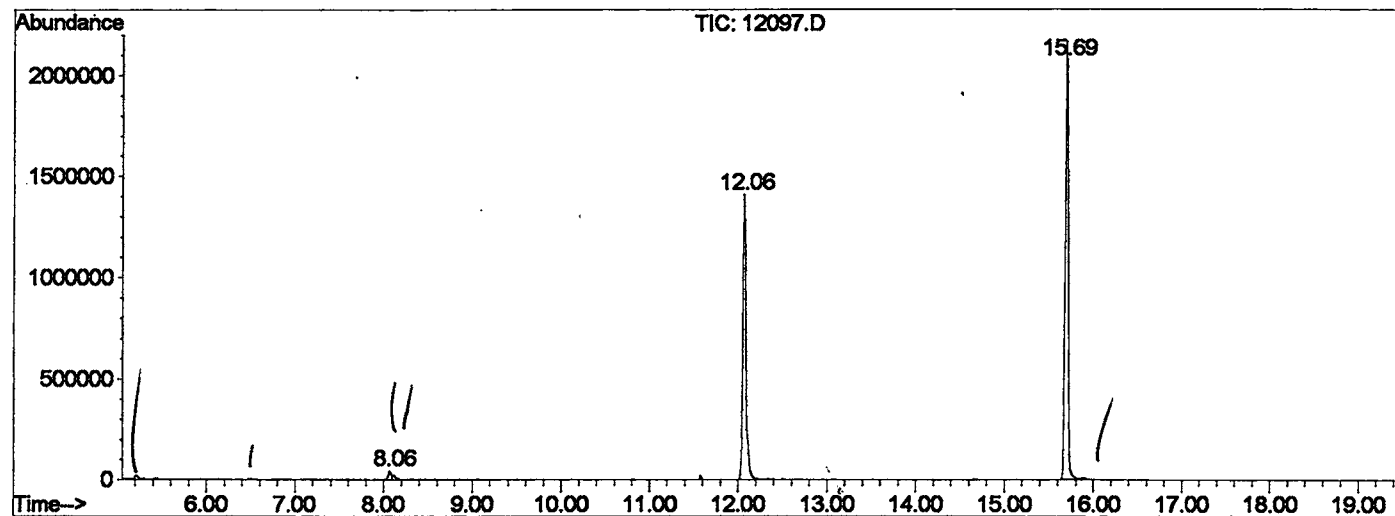
Sum of corrected areas: 26538270

12097.D GCMS0520.M

Fri May 31 11:35:08 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3002\12097.D
Operator : Morgan
Acquired : 31 May 2002 4:48 am using AcqMethod GCMS0528
Instrument : 209
Sample Name: re-ext
Misc Info :
Vial Number: 16
Quant File :GCMS0520.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12097.D

Acq On : 31 May 2002 4:48 am

Sample : re-ext

Misc :

MS Integration Params: LSCINT.P

Vial: 16

Operator: Morgan

Inst : 209

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0520.M (RTE Integrator)

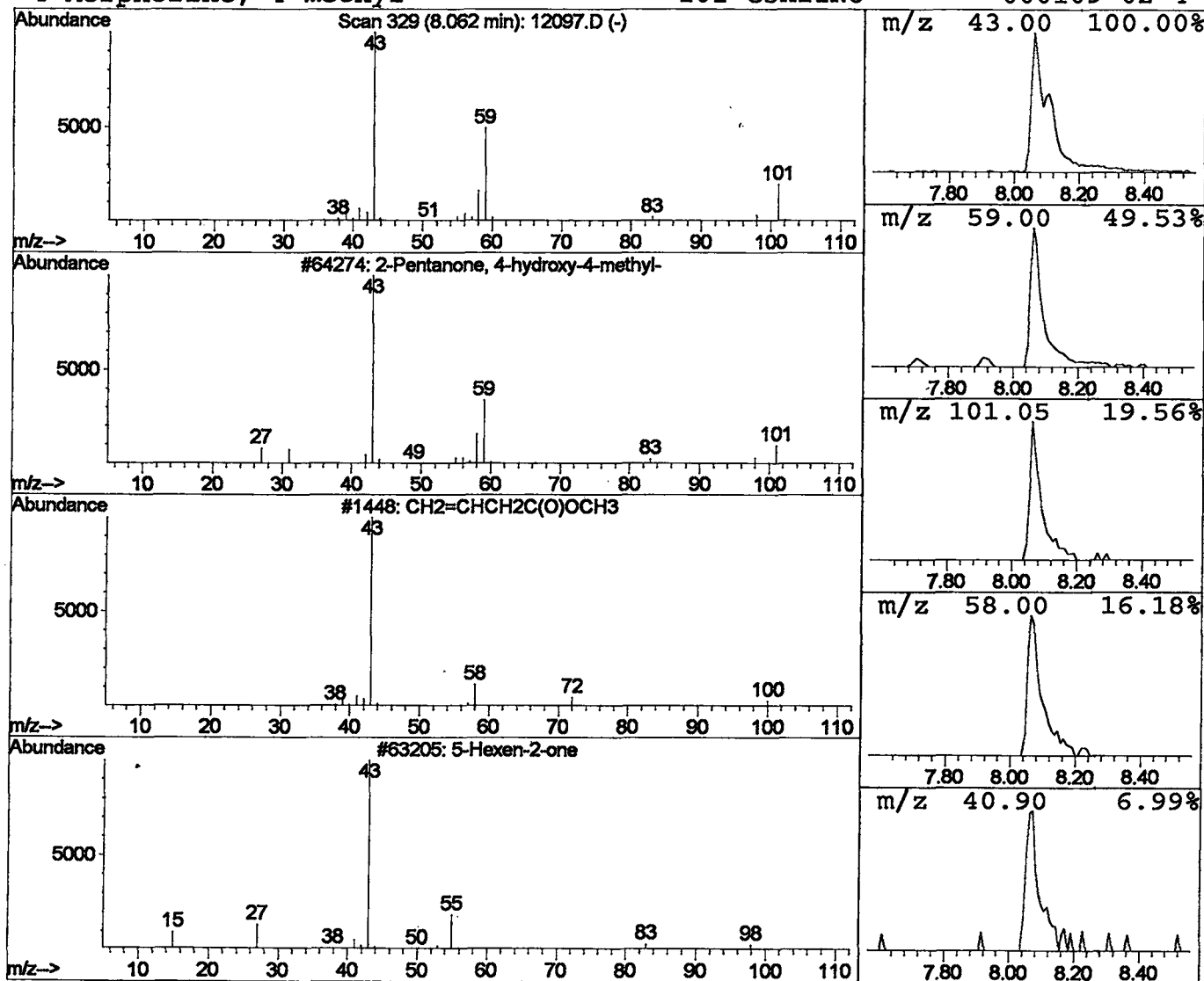
Title : 209 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	1.00 ug/l	85751	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	56		
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10		
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9		
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9		



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3002\12097.D
 Acq On : 31 May 2002 4:48 am
 Sample : re-ext
 Misc :
 MS Integration Params: LSCINT.P

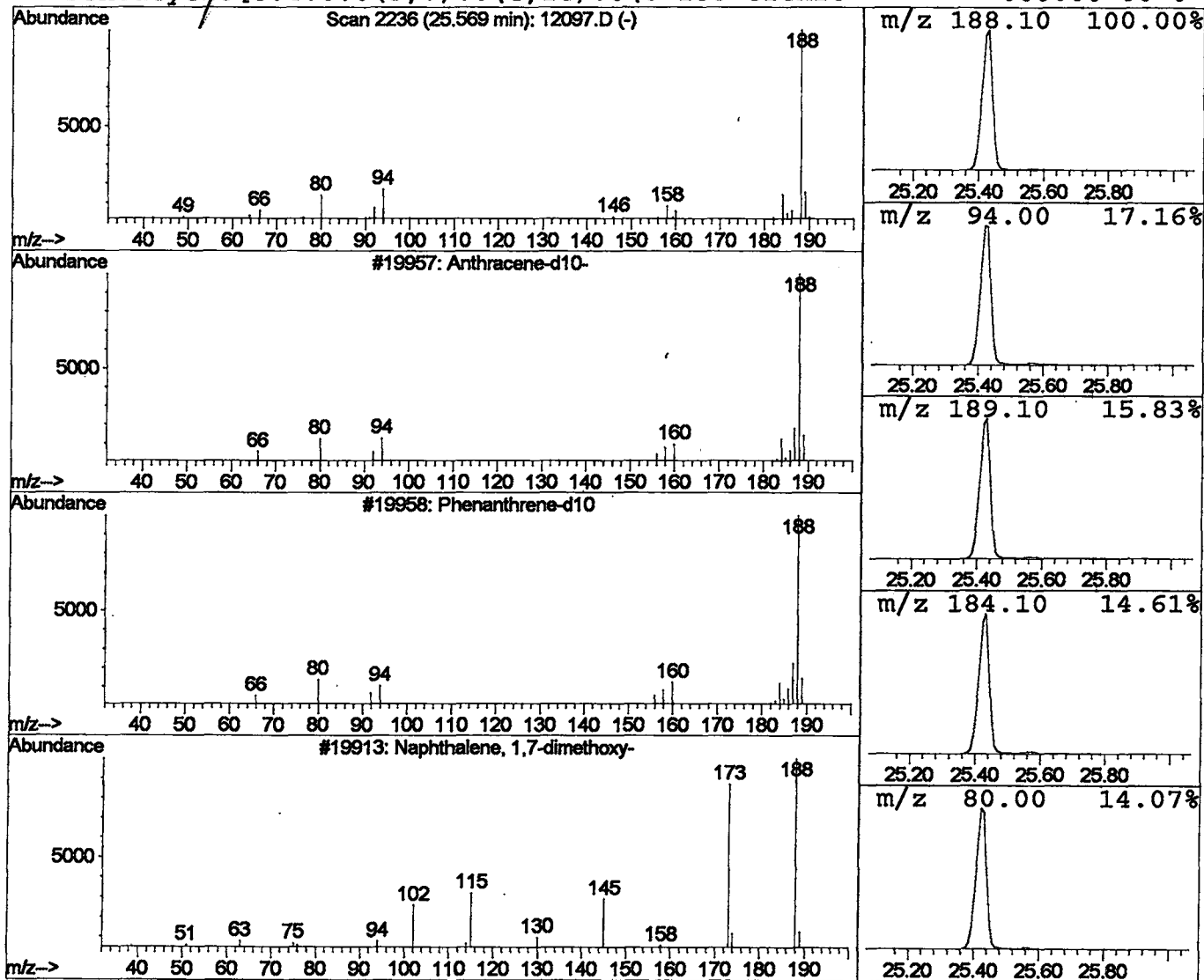
Vial: 16
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

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

 Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.57	0.41 ug/l	50518	Phenanthrene-d10	25.43

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene-d10- <i>15</i>	188	C14D10	001719-06-8	91
2		Phenanthrene-d10	188	C14D10	001517-22-2	86
3		Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36
4		Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	36



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 31 May 2002 4:48 am
 Data File: C:\HPCHEM\1\DATA\MAY3002\12097.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	1.0	ug/l	85751	ISTD01	12.07	3445190	40.0
Anthracene-d10-	25.57	0.4	ug/l	50518	ISTD04	25.43	4888870	40.0

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