

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 06/03/2002 Time: 11:43:14

Sample: AE12169
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 6/3/02 11:42 Ended: 6/3/02 11:42 Analyst: DLV
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		80		10.0

Comments for Sample AE12169 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-03-2002 Time: 11:43:42

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\12169.D
 Acq On : 29 May 2002 9:11 pm
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 30 8:26 2002

Vial: 11
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

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	621240	40.00	ug/l	-0.08
10) Naphthalene-d8	15.69	136	2478486	40.00	ug/l	-0.10
17) Acenaphthene-d10	20.99	164	1185077	40.00	ug/l	-0.10
30) Phenanthrene-d10	25.42	188	1828338	40.00	ug/l	-0.11
38) Chrysene-d12	33.47	240	1066081	40.00	ug/l	-0.13
44) Perylene-d12	37.65	264	670747	40.00	ug/l	-0.15

System Monitoring Compounds

28) TCMX	23.14	209	260238	31.81	ug/L	-0.10
Spiked Amount	40.000		Recovery	=	79.53%	

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	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	323	N.D.		
5) 1,4-Dichlorobenzene	12.07	146	323	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	322	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	21.32	165	199	N.D.		
25) Diethylphthalate	22.49	149	684	N.D.		
26) 4-Chlorophenylphenylether	23.14	204	1843	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.13	168	953	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	755	N.D.		

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

12169.D GCMS0528.M Thu May 30 08:26:52 2002

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY2902\12169.D
 Acq On : 29 May 2002 9:11 pm
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: May 30 8:26 2002

Vial: 11
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

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	25.42	178	755	N.D.	
36) Di-n-butylphthalate	27.41	149	35618	0.59 ug/l	99
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	33.47	228	2595	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	4793	N.D.	
43) Chrysene	33.47	228	2596	N.D.	
45) Di-n-Octylphthalate	35.48	149	487	N.D.	
46) Benzo(b)fluoranthene	36.51	252	405	N.D.	
47) Benzo(k)fluoranthene	36.57	252	467	N.D.	
48) Benzo(a)pyrene	37.48	252	441	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
 12169.D GCMS0528.M Thu May 30 08:26:53 2002

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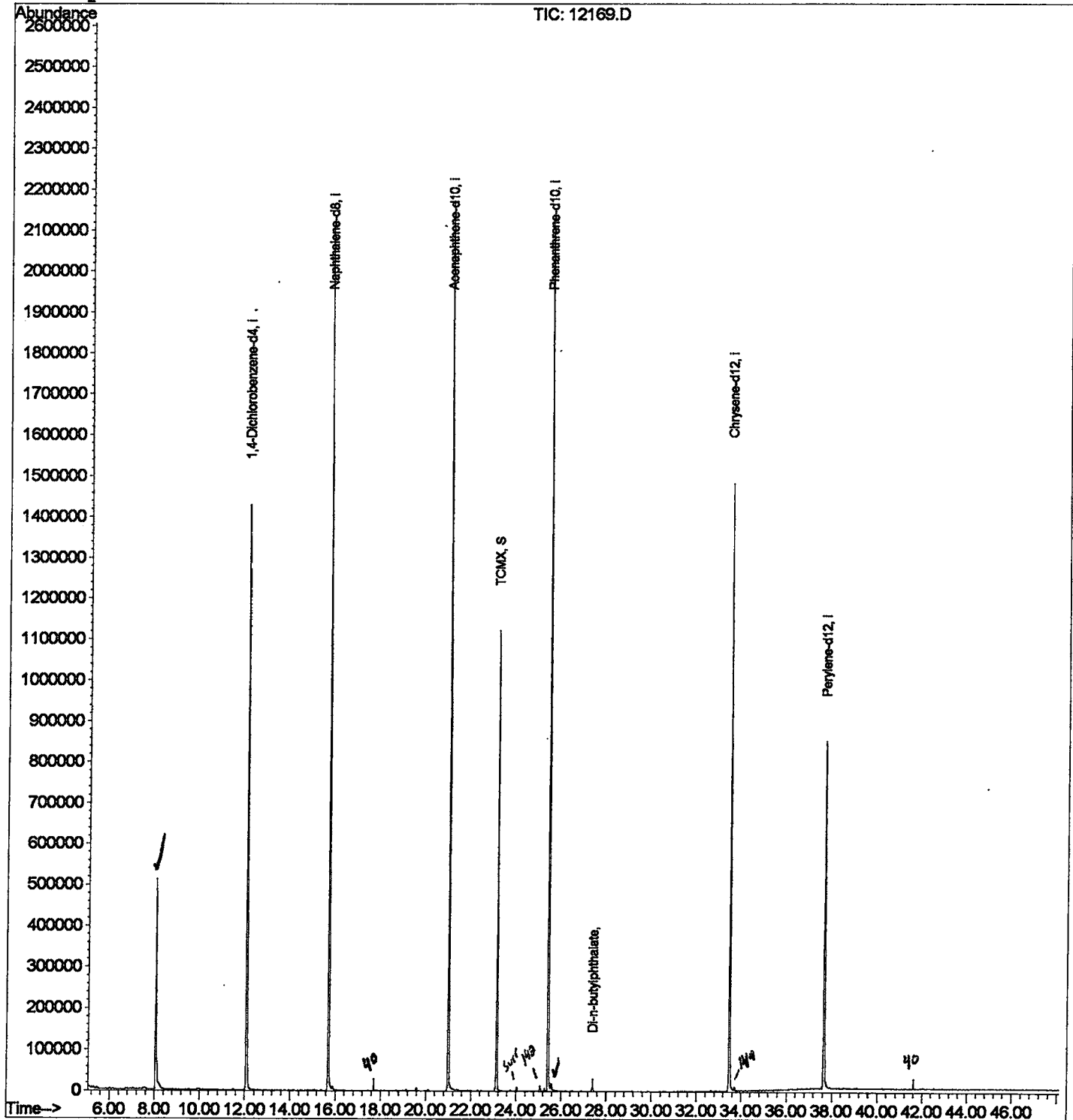
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12169.D
Acq On : 29 May 2002 9:11 pm
Sample : gc/ms scan 5/23
Misc :
MS Integration Params: GOOFY.P
Quant Time: May 30 8:26 2002

Vial: 11
Operator: Morgan
Inst : 209
Multiplr: 1.00

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\12169.D

Vial: 11

Acq On : 29 May 2002 9:11 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	8.045	323	327	340	rBV	511228	1246076	26.50%	4.614%
2	12.066	760	765	784	rBV	1428715	3398583	72.27%	12.585%
3	15.692	1154	1160	1178	rBV	2119422	4594483	97.71%	17.013%
4	20.989	1730	1737	1749	rBV	2170386	4702368	100.00%	17.412%
5	23.128	1961	1970	1983	rBV	1120978	2419538	51.45%	8.959%
6	25.423	2213	2220	2231	rBV2	2133730	4690294	99.74%	17.368%
7	25.570	2232	2236	2246	rVB2	17386	48960	1.04%	0.181%
8	27.406	2432	2436	2441	rBV	30542	57032	1.21%	0.211%
9	33.474	3090	3097	3114	rBV2	1481375	3371998	71.71%	12.486%
10	37.651	3544	3552	3570	rBV2	843903	2476770	52.67%	9.171%

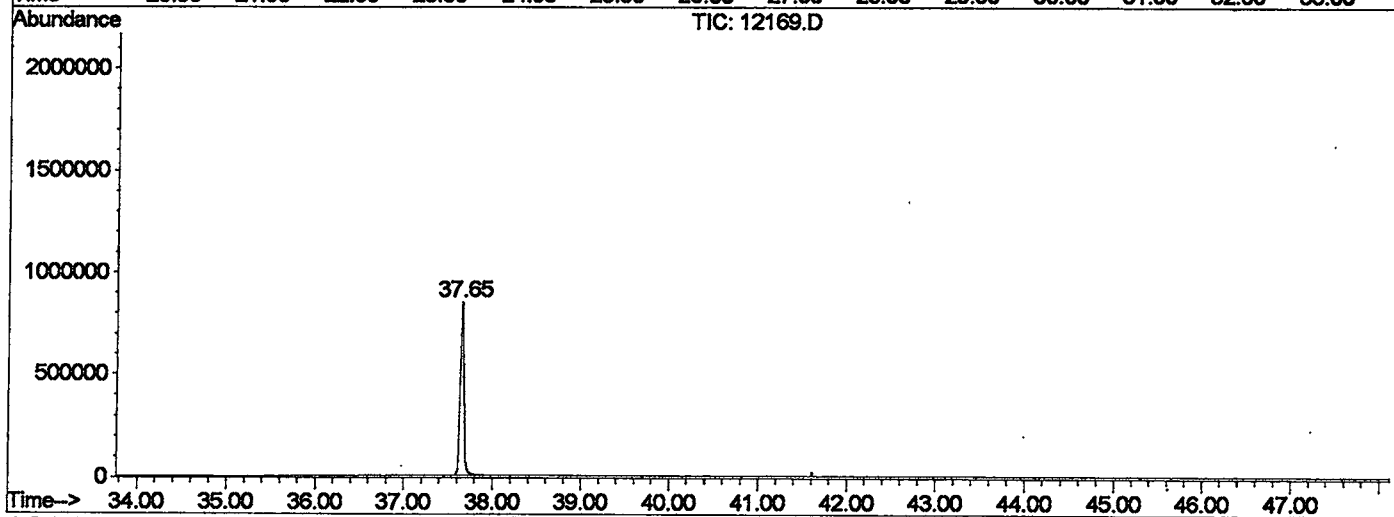
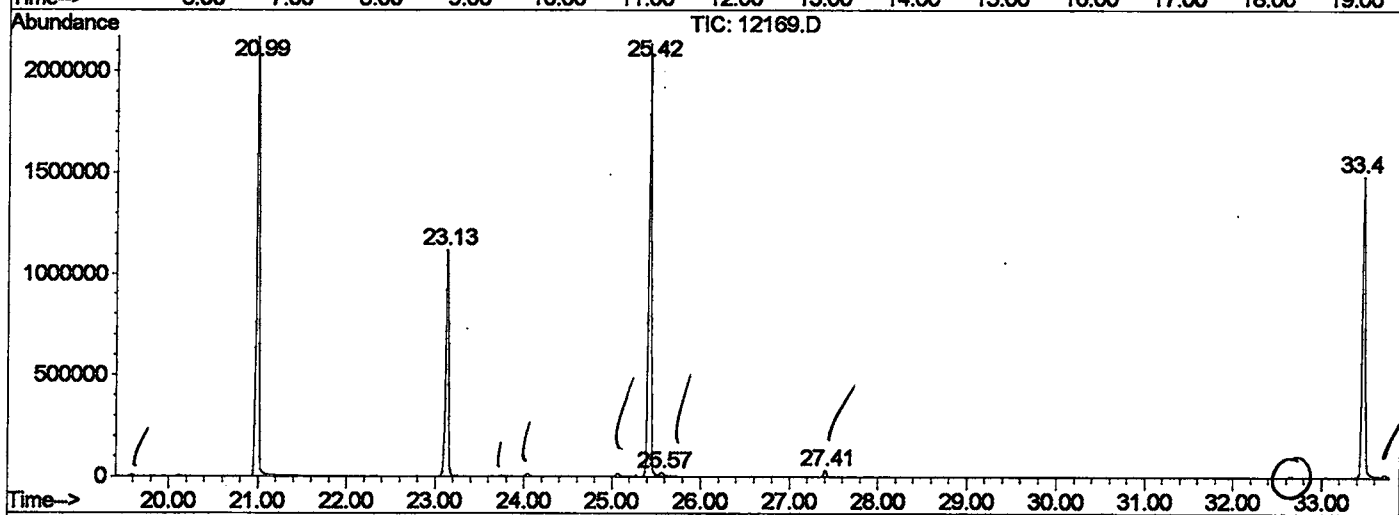
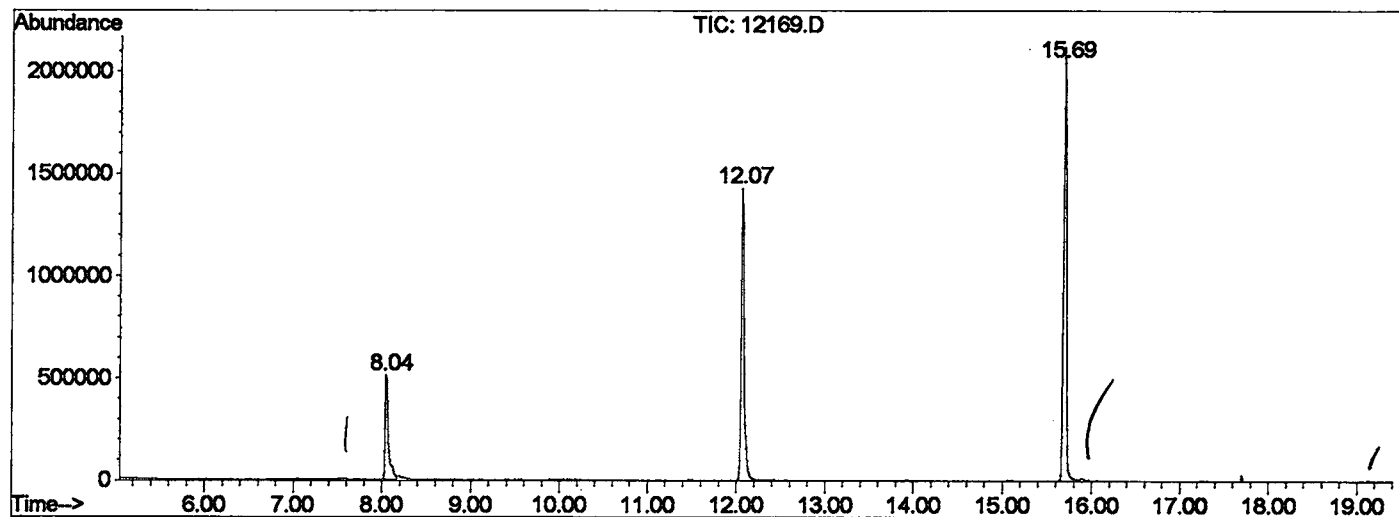
Sum of corrected areas: 27006102

12169.D GCMS0528.M

Thu May 30 08:42:56 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY2902\12169.D
 Operator : Morgan
 Acquired : 29 May 2002 9:11 pm using AcqMethod GCMS0528
 Instrument : 209
 Sample Name: gc/ms scan 5/23
 Misc Info :
 Vial Number: 11
 Quant File :GCMS0528.RES (RTE Integrator)



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Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12169.D
 Acq On : 29 May 2002 9:11 pm
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: LSCINT.P

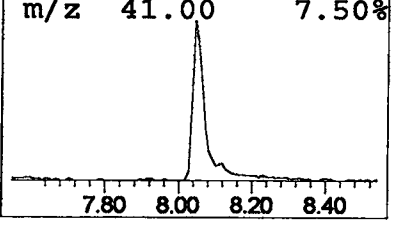
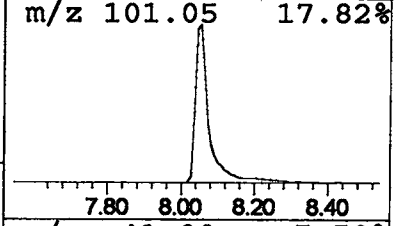
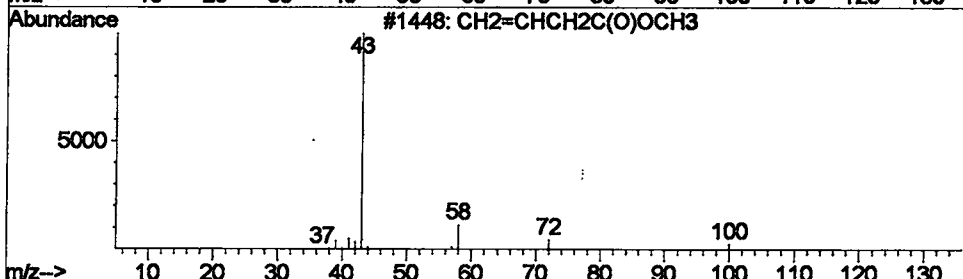
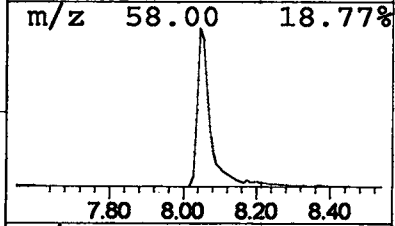
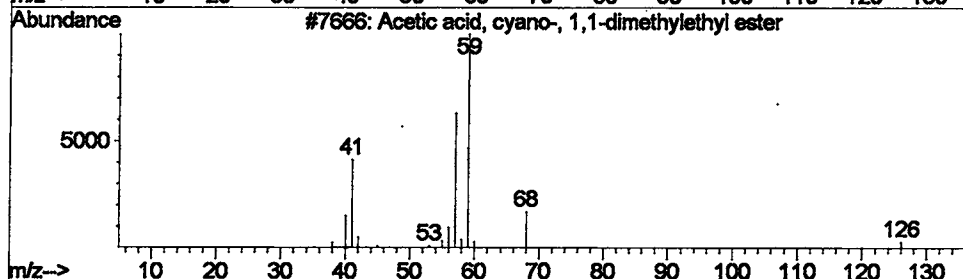
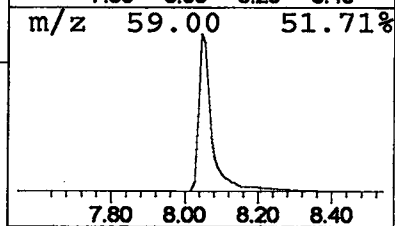
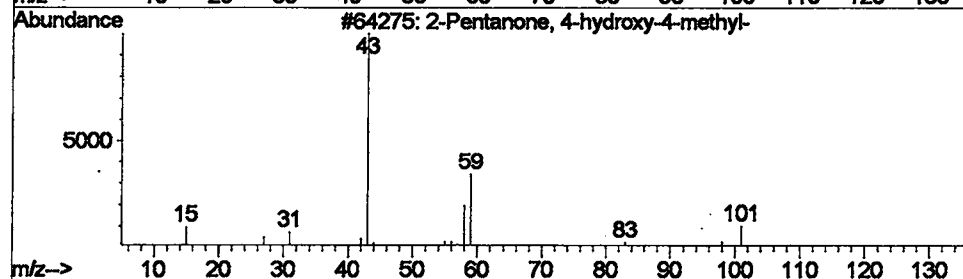
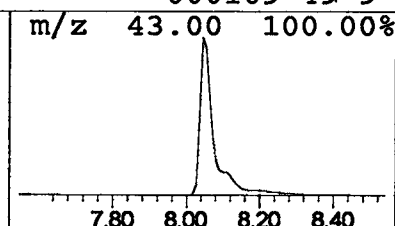
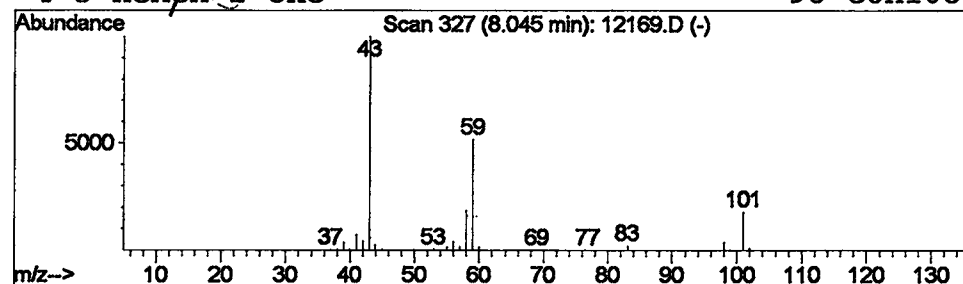
Vial: 11
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.04	14.67 ug/l	1246080	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	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10		
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9		



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY2902\12169.D
 Acq On : 29 May 2002 9:11 pm
 Sample : gc/ms scan 5/23
 Misc :
 MS Integration Params: LSCINT.P

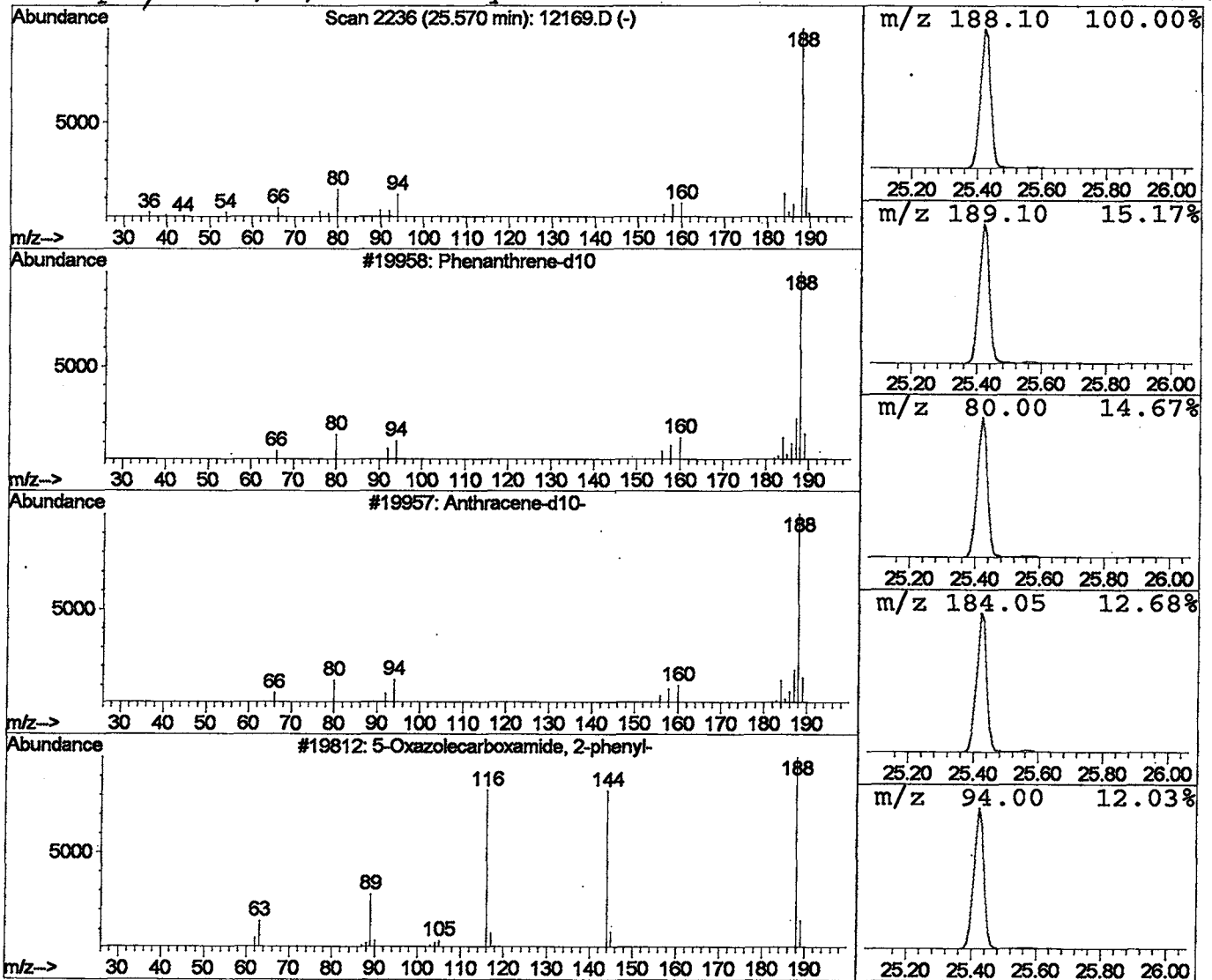
Vial: 11
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

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.
25.57	0.42 ug/l	48960	Phenanthrene-d10	25.42

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	50
2		Anthracene-d10- <i>45</i>	188	C14D10	001719-06-8	42
3		5-Oxazolecarboxamide, 2-phenyl-	188	C10H8N2O2	039819-42-6	38
4		Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	36



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 29 May 2002 9:11 pm
Data File: C:\HPCHEM\1\DATA\MAY2902\12169.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	14.7	ug/l	1246080	ISTD01	12.07	3398580	40.0
Phenanthrene-d10	25.57	0.4	ug/l	48960	ISTD04	25.42	4690290	40.0

12169.D GCMS0528.M Thu May 30 08:42:58 2002