

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 06/07/2002 Time: 14:17:11

Sample: AE12572
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 6/7/02 14:16 Ended: 6/7/02 14:16 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		78		10.0

Comments for Sample AE12572 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-07-2002 Time: 14:17:55

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\JUN0302\12572.D

Vial: 23

Acq On : 4 Jun 2002 6:55 am

Operator:

Sample : gc/ms scan 5/28

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Jun 4 11:48 2002

Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri May 31 09:43:55 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0531

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.06	152	466723	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	1857318	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	892049	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.42	188	1373268	40.00	ug/l	-0.01
38) Chrysene-d12	33.47	240	766625	40.00	ug/l	-0.03
44) Perylene-d12	37.65	264	453726	40.00	ug/l	-0.03

System Monitoring Compounds

28) TCMX	23.14	209	192006	31.11	ug/L	-0.01
Spiked Amount	40.000		Recovery	=	77.77%	

Target Compounds

					Qvalue
2) N-nitrosodimethylamine	5.45	74	379	N.D.	
3) bis(2-Chloroethyl) ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	12.07	146	132	N.D.	
5) 1,4-Dichlorobenzene	12.07	146	132	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	15.75	128	381	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	446	N.D.	
26) 4-Chlorophenylphenylether	23.14	204	1319	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	25.42	178	478	N.D.	

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

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Quantitation Report

(QT Reviewed)

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Vial: 23

Acq On : 4 Jun 2002 6:55 am

Operator:

Sample : gc/ms scan 5/28

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Jun 4 11:48 2002

Quant Results File: GCMS0531.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri May 31 09:43:55 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0531

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35) Anthracene	25.42	178	478	N.D.	
36) Di-n-butylphthalate	27.41	149	20462	0.41 ug/l	100
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	33.48	228	3036	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	1847	N.D.	
43) Chrysene	33.55	228	2480	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	36.51	252	881	N.D.	
47) Benzo(k)fluoranthene	36.59	252	1570	N.D.	
48) Benzo(a)pyrene	37.65	252	1865	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	42.84	276	176	N.D.	

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

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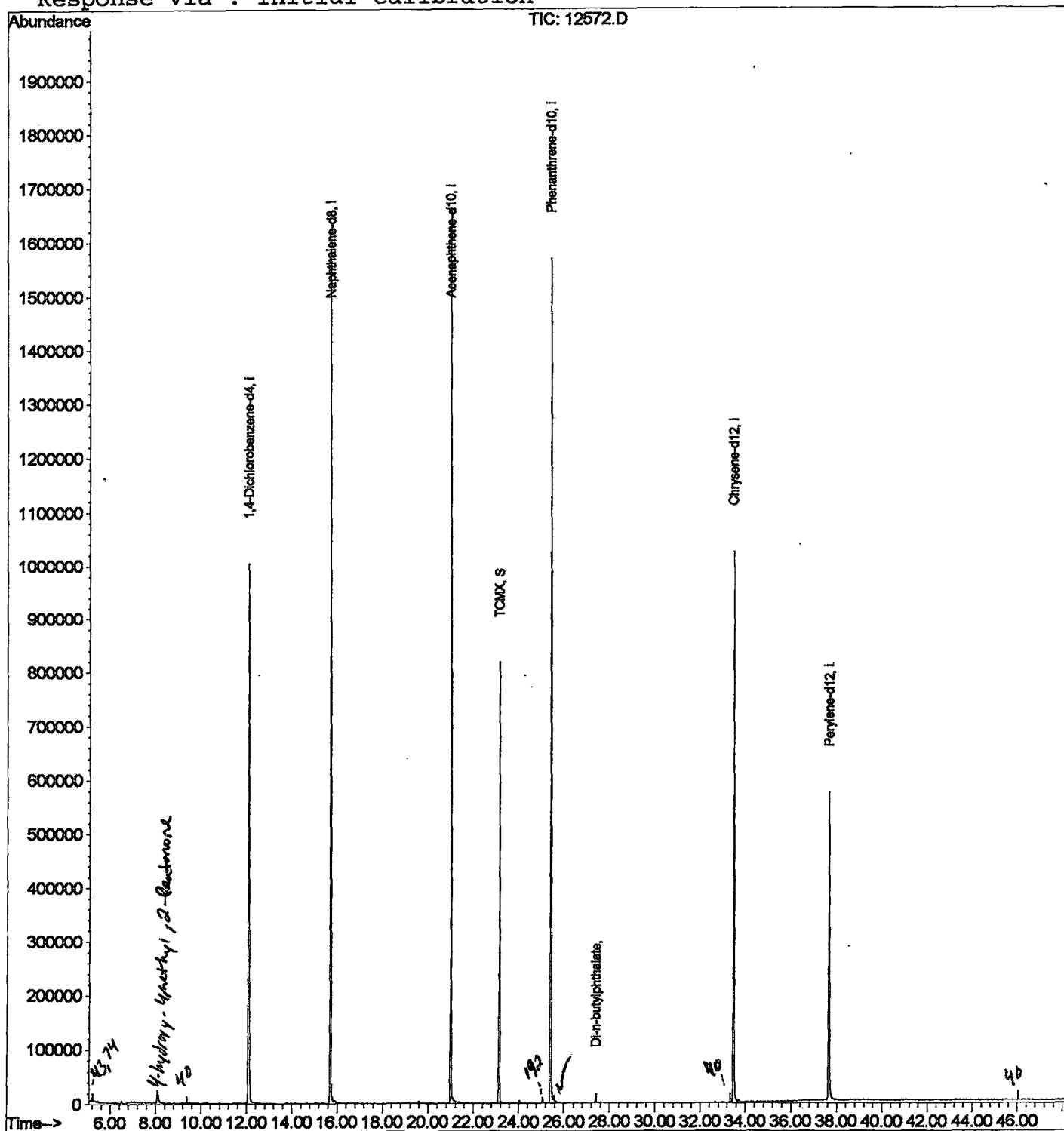
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12572.D
Acq On : 4 Jun 2002 6:55 am
Sample : gc/ms scan 5/28
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jun 4 11:48 2002

Vial: 23
Operator:
Inst : 209
Multiplr: 1.00

Quant Results File: GCMS0531.RES

Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 31 09:43:55 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12572.D

Vial: 23

Acq On : 4 Jun 2002 6:55 am

Operator:

Sample : gc/ms scan 5/28

Inst : 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0531.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	8.062	326	329	332	rBV2	23731	48805	1.40%	0.258%
2	12.065	760	765	784	rBV	1003552	2544997	72.94%	13.469%
3	15.691	1154	1160	1178	rBV	1584069	3434602	98.43%	18.178%
4	20.988	1731	1737	1752	rBV	1661899	3487843	99.96%	18.459%
5	23.136	1959	1971	1982	rBV	817129	1795852	51.47%	9.505%
6	25.431	2214	2221	2226	rBV2	1568146	3489387	100.00%	18.468%
7	25.569	2232	2236	2247	rVB2	12098	37550	1.08%	0.199%
8	33.473	3090	3097	3110	rBV2	1024464	2387944	68.43%	12.638%
9	37.650	3545	3552	3572	rBV2	570114	1667629	47.79%	8.826%

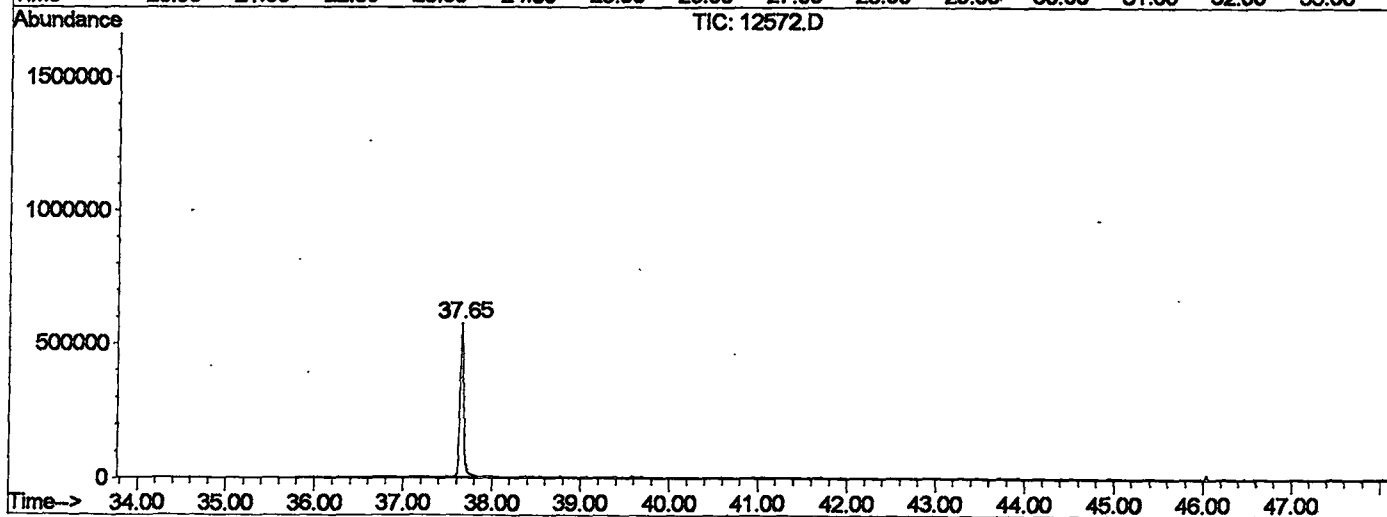
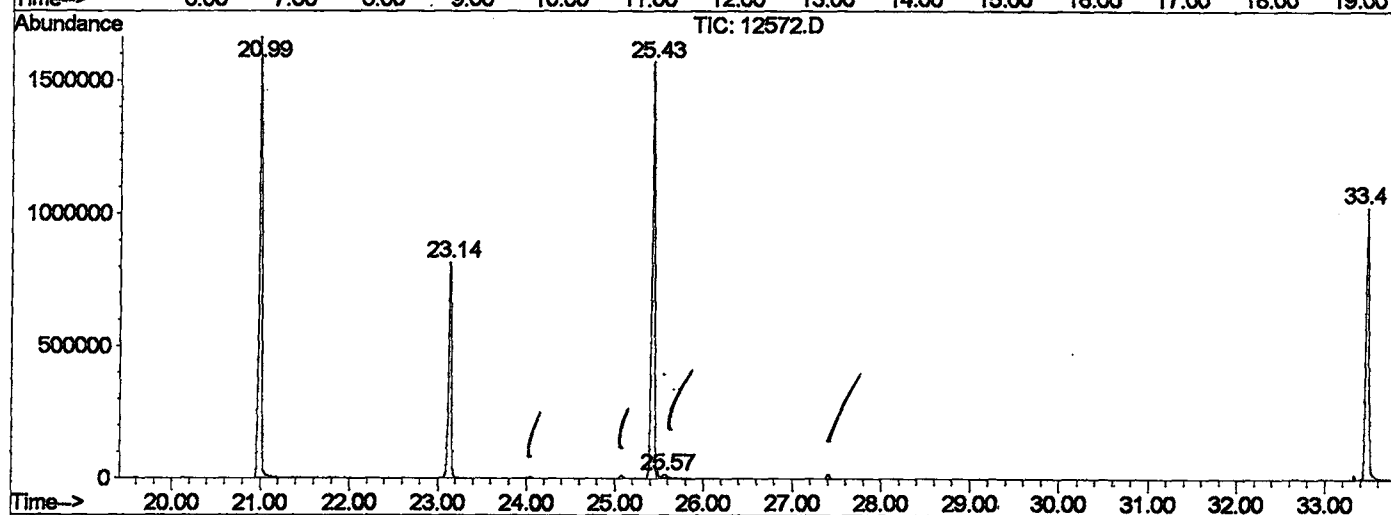
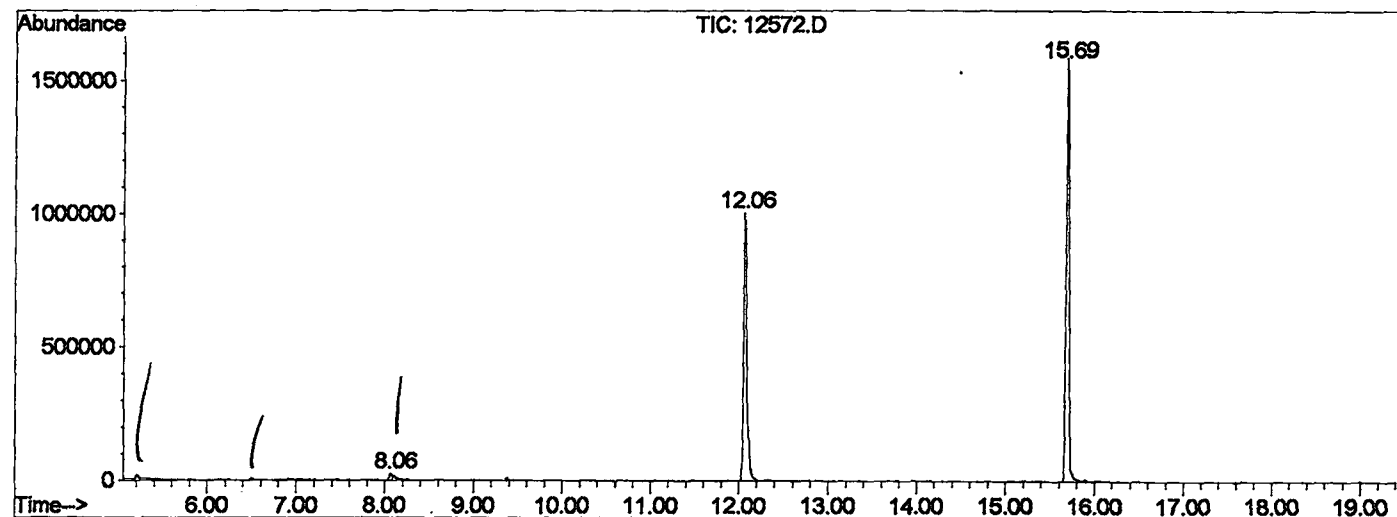
Sum of corrected areas: 18894609

12572.D GCMS0531.M

Tue Jun 04 11:52:59 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JUN0302\12572.D
 Operator :
 Acquired : 4 Jun 2002 6:55 am using AcqMethod GCMS0531
 Instrument : 209
 Sample Name: gc/ms scan 5/28
 Misc Info :
 Vial Number: 23
 Quant File :GCMS0531.RES (RTE Integrator)



12572.D GCMS0531.M Tue Jun 04 11:53:00 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12572.D
Acq On : 4 Jun 2002 6:55 am
Sample : gc/ms scan 5/28
Misc :
MS Integration Params: LSCINT.P

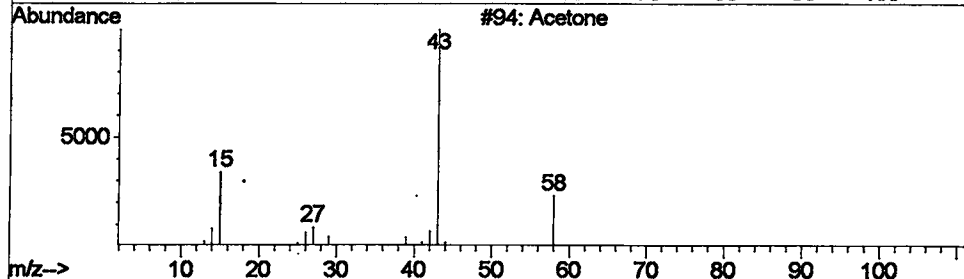
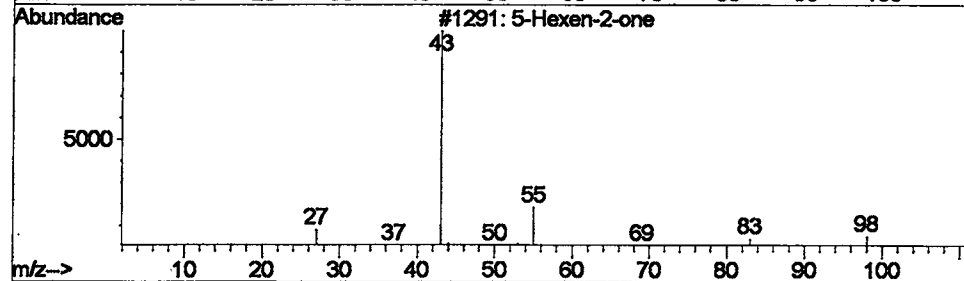
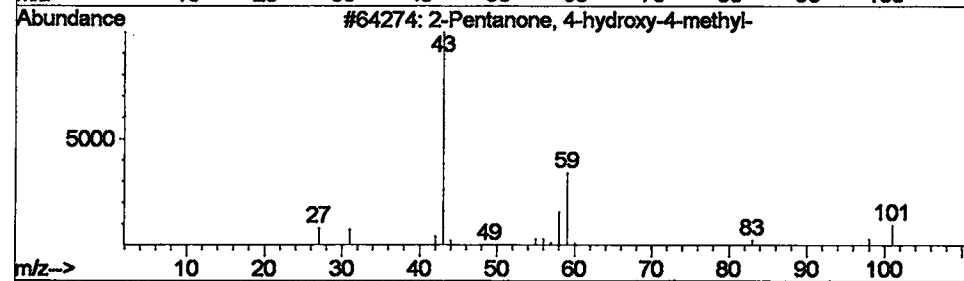
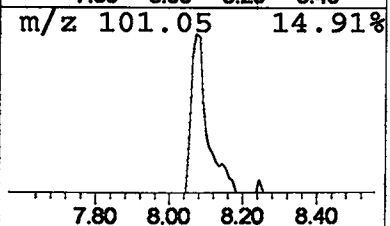
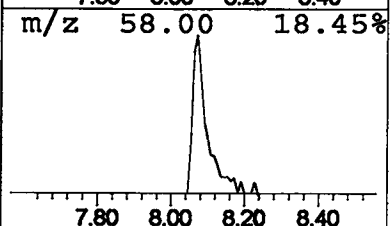
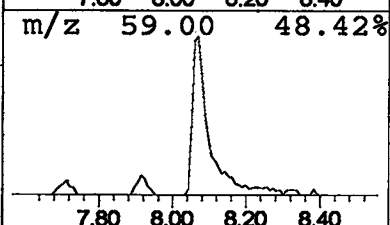
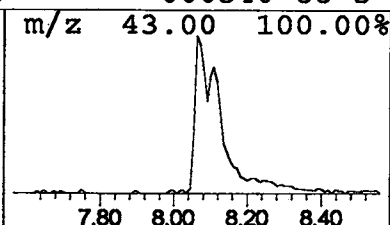
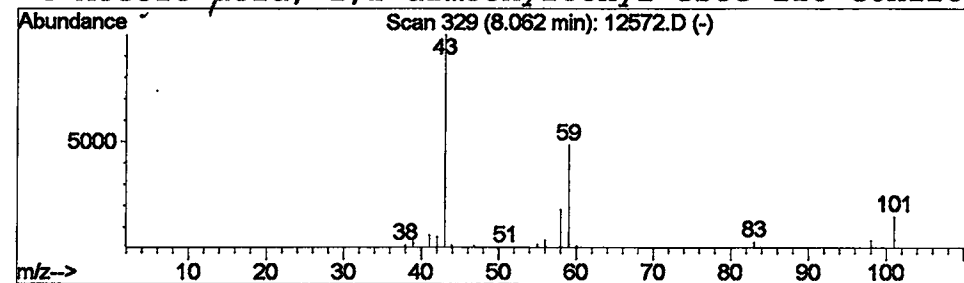
Vial: 23
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.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	0.77 ug/l	48805	1,4-Dichlorobenzene-d4	12.06

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		Acetone	58	C3H6O	000067-64-1	9
4		Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JUN0302\12572.D
Acq On : 4 Jun 2002 6:55 am
Sample : gc/ms scan 5/28
Misc :
MS Integration Params: LSCINT.P

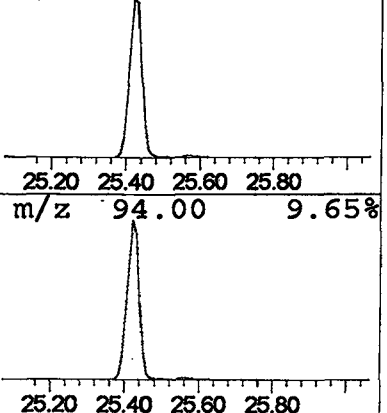
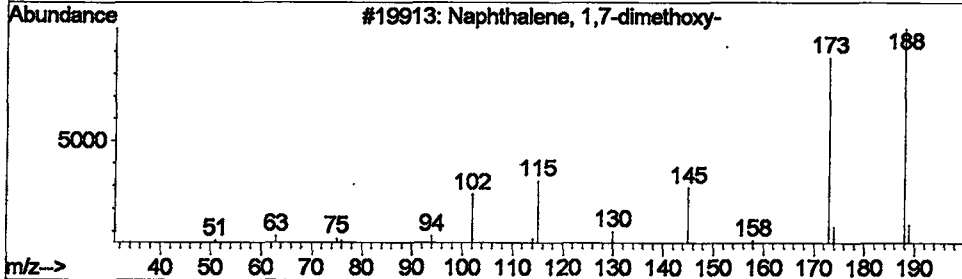
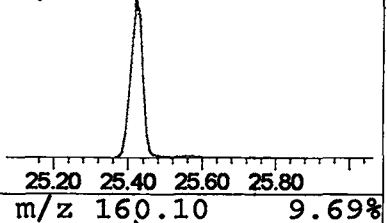
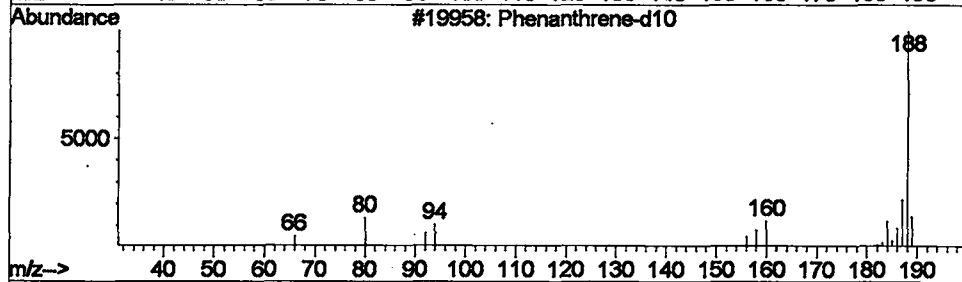
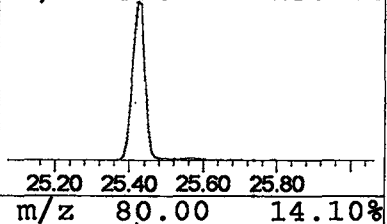
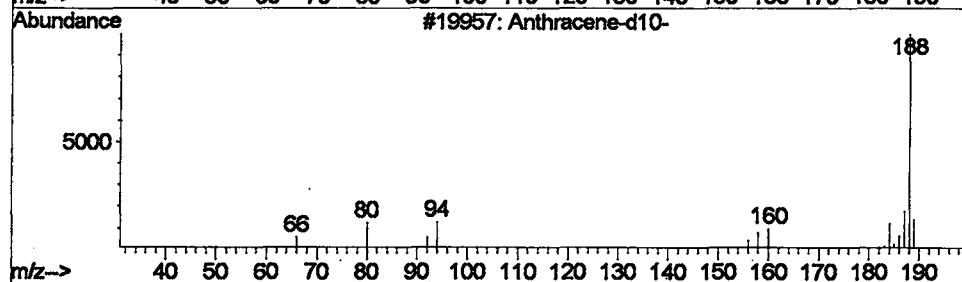
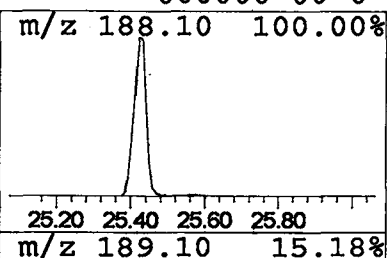
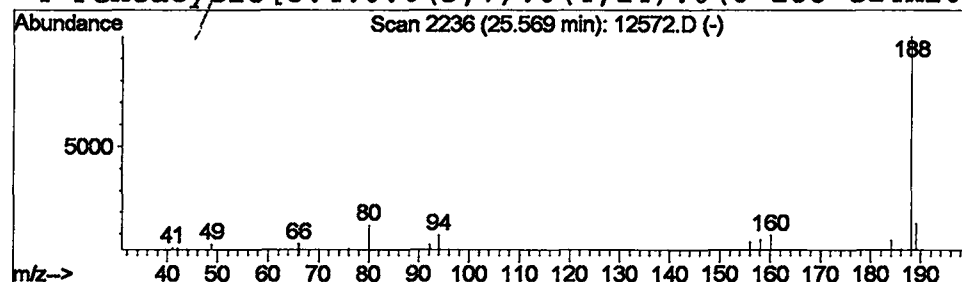
Vial: 23
Operator:
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.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	0.43 ug/l	37550	Phenanthrene-d10	25.42

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	83
2	Phenanthrene-d10	188	C14D10	001517-22-2	50
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	38
4	Pentacyclo[8.4.0.0(3,7).0(4,14).0(6	188	C14H20	000000-00-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 4 Jun 2002 6:55 am
Data File: C:\HPCHEM\1\DATA\JUN0302\12572.D
Name: gc/ms scan 5/28
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0531.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	0.8	ug/l	48805	ISTD01	12.06	2545000	40.0
Anthracene-d10-	25.57	0.4	ug/l	37550	ISTD04	25.42	3489390	40.0

12572.D GCMS0531.M Tue Jun 04 11:53:02 2002