

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 04/04/2002 Time: 10:57:37

Sample: AE04802
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 4/4/02 10:56 Ended: 4/4/02 10:56 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		90		5.0

***Comments for Sample AE04802 - Analysis \$GCMS**

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 04-04-2002 Time: 10:57:41

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 12 of the 43 compounds in the LCS Standard were high.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR2802\4802.D

Vial: 14

Acq On : 28 Mar 2002 9:26 pm

Operator:

Sample : gc/ms scan 3/4

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Apr 1 10:02 2002

Quant Results File: GCMS0308.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Mar 29 10:31:28 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0308

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.25	152	364910	20.00	ug/l	-0.11
10) Naphthalene-d8	15.88	136	1345415	20.00	ug/l	-0.12
17) Acenaphthene-d10	21.19	164	760533	20.00	ug/l	-0.13
29) Phenanthrene-d10	25.63	188	1054483	20.00	ug/l	-0.13
38) Chrysene-d12	33.69	240	518801	20.00	ug/l	-0.15
44) Perylene-d12	37.93	264	288470	20.00	ug/l	-0.19

System Monitoring Compounds

37) 2,4-DDD	30.71	235	47350	4.48	ug/mL	0.21
Spiked Amount	5.000		Recovery	=	89.60%	

Target Compounds

					Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.	
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.	
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
5) 1,4-Dichlorobenzene	0.00	146	0	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-Nitroso-di-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	0.00	128	0	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.	
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	22.68	149	534	N.D.	
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.	
27) Fluorene	0.00	166	0	N.D.	
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	

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

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Quantitation Report

(QT Reviewed)

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Vial: 14

Acq On : 28 Mar 2002 9:26 pm

Operator:

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Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

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Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Mar 29 10:31:28 2002

Response via : Initial Calibration

DataAcq Meth : GCMS0308

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	25.63	178	248	N.D.		
34) Anthracene	25.63	178	248	N.D.		
35) Di-n-butylphthalate	27.60	149	1536	N.D.		
36) 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	33.69	228	1052	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.91	149	3018	N.D.		
43) Chrysene	33.69	228	1051	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo(b)fluoranthene	0.00	252	0	N.D.		
47) Benzo(k)fluoranthene	0.00	252	0	N.D.		
48) Benzo(a)pyrene	37.94	252	1127	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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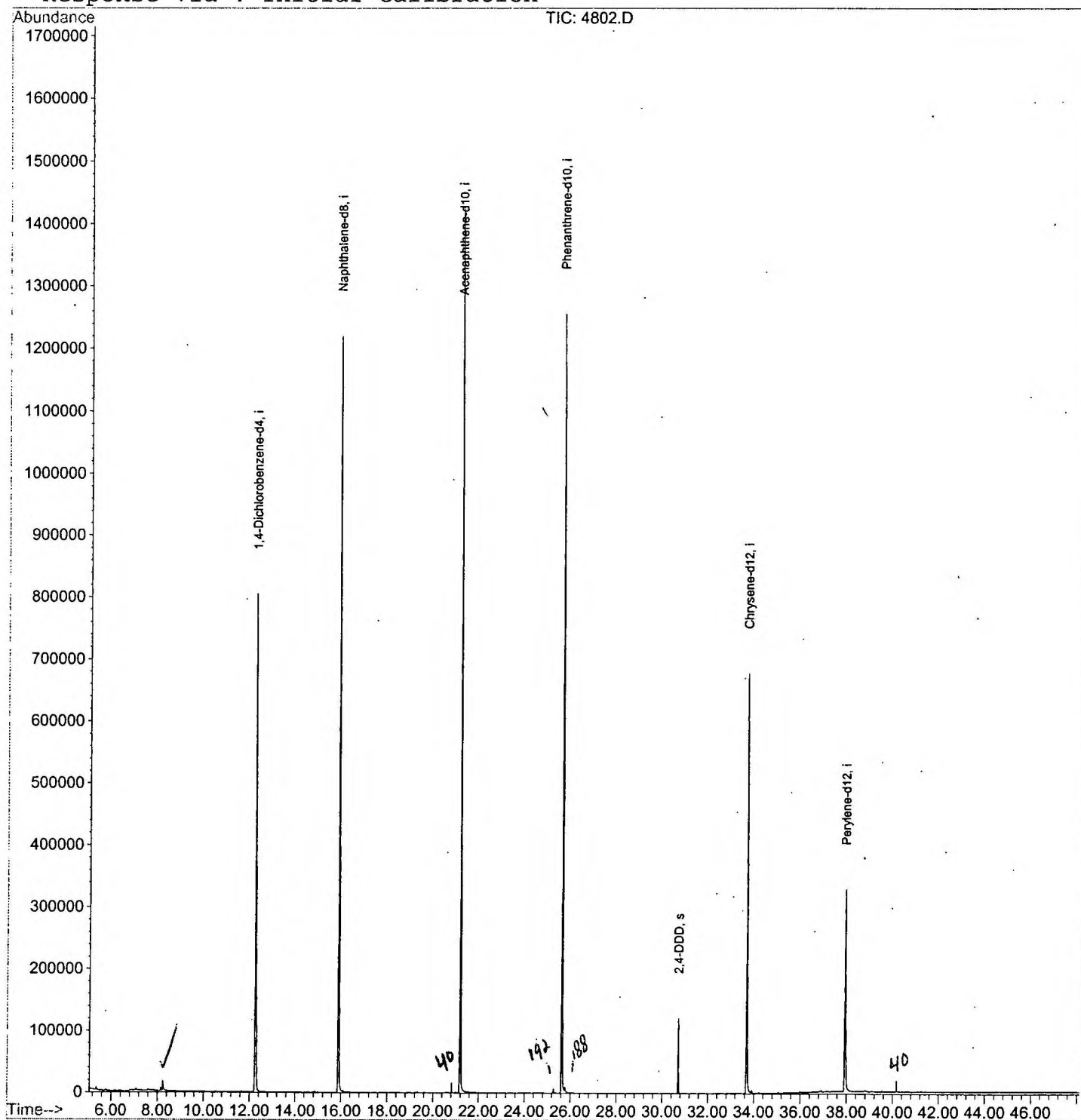
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4802.D
Acq On : 28 Mar 2002 9:26 pm
Sample : gc/ms scan 3/4
Misc :
MS Integration Params: GOOFY.P
Quant Time: Apr 1 10:02 2002

Vial: 14
Operator:
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0308.RES

Method : C:\HPCHEM\1\METHODS\GCMS0308.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Mar 29 10:31:28 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4802.D

Vial: 14

Acq On : 28 Mar 2002 9:26 pm

Operator:

Sample : gc/ms scan 3/4

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0308.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	8.234	343	347	359	rBV	16267	38858	1.34%	0.304%
2	12.246	779	784	798	rBV	802837	1963361	67.85%	15.368%
3	15.882	1174	1180	1198	rBV	1218956	2533419	87.55%	19.830%
4	21.188	1752	1758	1773	rBV	1428061	2893640	100.00%	22.650%
5	25.631	2236	2242	2252	rBV2	1255472	2640971	91.27%	20.672%
6	30.708	2790	2795	2801	rVB	121716	229533	7.93%	1.797%
7	33.691	3113	3120	3132	rBV2	677797	1486752	51.38%	11.638%
8	37.933	3575	3582	3599	rBV2	326463	988913	34.18%	7.741%

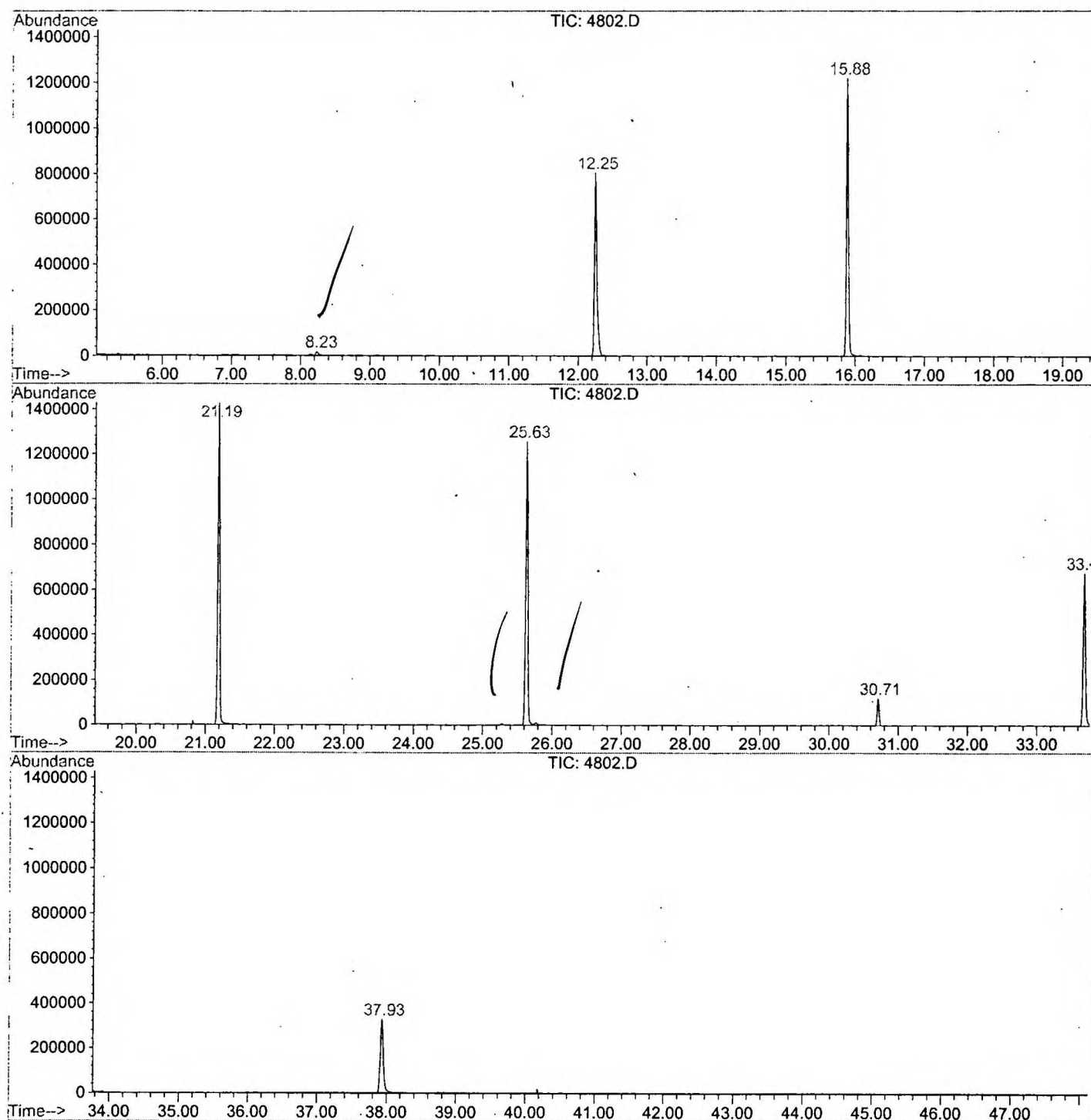
Sum of corrected areas: 12775447

4802.D GCMS0308.M

Mon Apr 01 10:16:11 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR2802\4802.D
Operator :
Acquired : 28 Mar 2002 9:26 pm using AcqMethod GCMS0308
Instrument : GC/MS 209
Sample Name: gc/ms scan 3/4
Misc Info :
Vial Number: 14
Quant File :GCMS0308.RES (RTE Integrator)



4802.D GCMS0308.M

Mon Apr 01 10:16:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR2802\4802.D
 Acq On : 28 Mar 2002 9:26 pm
 Sample : gc/ms scan 3/4
 Misc :
 MS Integration Params: LSCINT.P

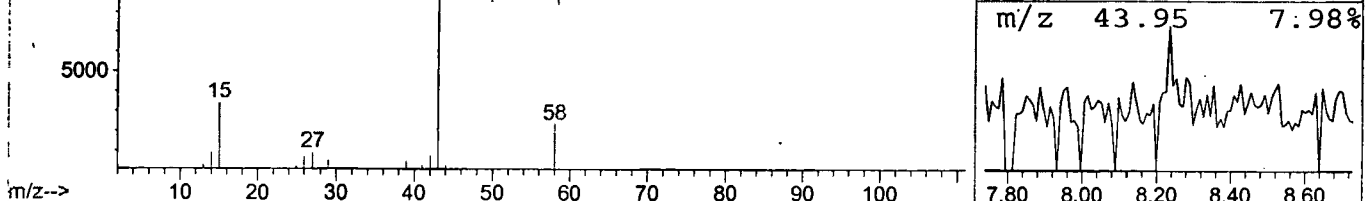
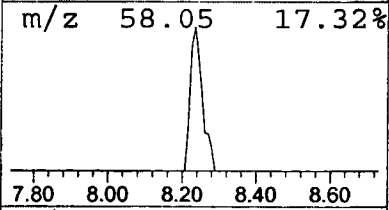
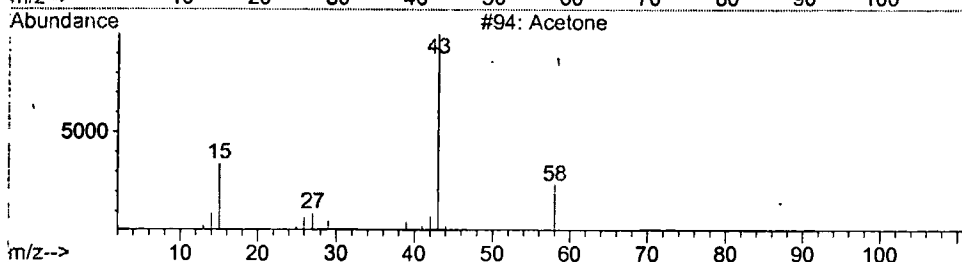
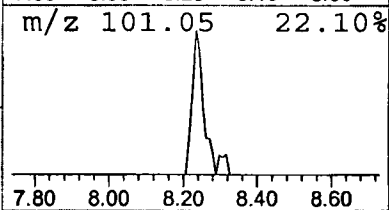
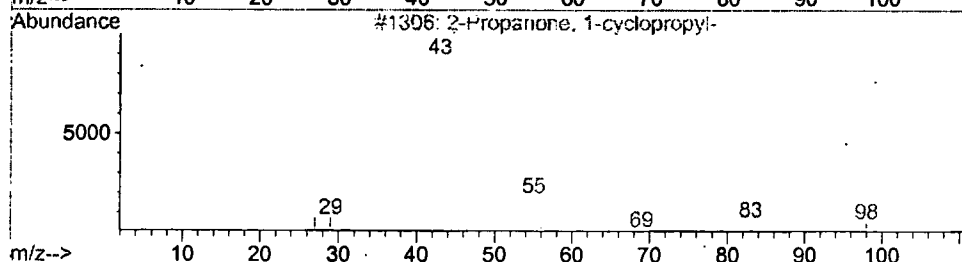
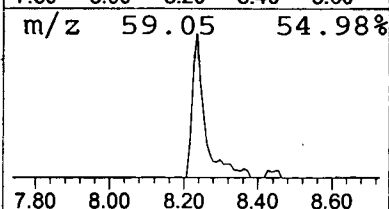
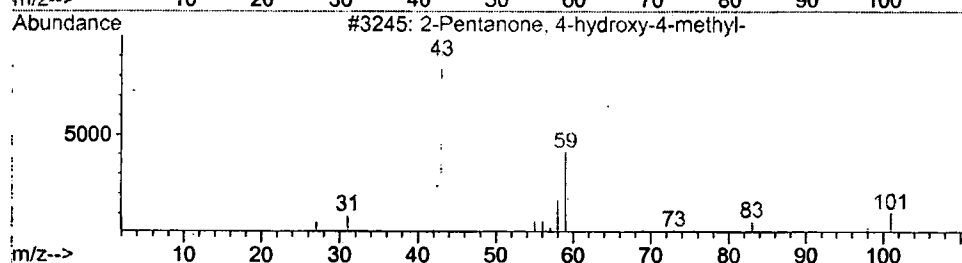
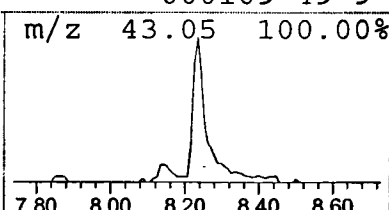
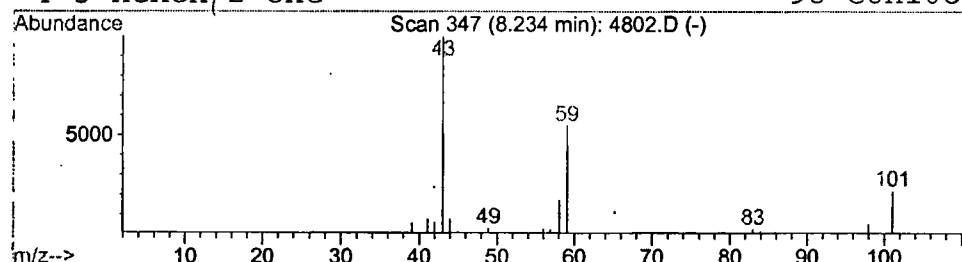
Vial: 14
 Operator:
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0308.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.
8.23	0.40 ug/l	38858	1,4-Dichlorobenzene-d4	12.25

Hit# of 5	Tentative ID	MW	MolForm.	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	2-Propanone, 1-cyclopropyl-	98	C6H10O	004160-75-2	9
3	Acetone	58	C3H6O	000067-64-1	7
4	5-Hexen-2-one	98	C6H10O	000109-49-9	7



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 28 Mar 2002 9:26 pm
Data File: C:\HPCHEM\1\DATA\MAR2802\4802.D
Name: gc/ms scan 3/4
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0308.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	8.23	0.4	ug/l	38858	ISTD01	12.25	1963360	20.0

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