

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 06/06/2002 Time: 14:38:27

Sample: AE12673
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 6/6/02 14:38 Ended: 6/6/02 14:38 Analyst: DLV
 Page: 1

	Component Name	Vol	Result	Qualifier	MDL
1	Other unknown compounds				
2	Surr_2,4-DDD		86		10.0

Comments for Sample AE12673 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 06-06-2002 Time: 14:39:11

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\MAY3102\12673.D
 Acq On : 1 Jun 2002 4:43 am
 Sample : gc/ms scan 5/30
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 3 11:37 2002

Vial: 18
 Operator: Morgan
 Inst : 209
 Multiplr: 1.00

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	519011	40.00	ug/l	-0.01
10) Naphthalene-d8	15.69	136	2092277	40.00	ug/l	-0.02
17) Acenaphthene-d10	20.99	164	997327	40.00	ug/l	-0.01
30) Phenanthrene-d10	25.43	188	1560273	40.00	ug/l	0.00
38) Chrysene-d12	33.47	240	947036	40.00	ug/l	-0.03
44) Perylene-d12	37.66	264	598951	40.00	ug/l	-0.02

System Monitoring Compounds

28) TCMX	23.14	209	236160	34.23	ug/L	-0.01
Spiked Amount	40.000		Recovery	=	85.57%	

Target Compounds

	R.T.	QIon	Response	Conc	Units	Qvalue
2) N-nitrosodimethylamine	5.42	74	176	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	12.08	146	183	N.D.		
5) 1,4-Dichlorobenzene	12.08	146	183	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	331	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	21.33	165	355	N.D.		
25) Diethylphthalate	22.48	149	1277	N.D.		
26) 4-Chlorophenylphenylether	23.13	204	1678	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	23.14	168	840	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.42	178	666	N.D.		

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

12673.D GCMS0531.M Mon Jun 03 11:37:37 2002

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Quantitation Report

(QT Reviewed)

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Acq On : 1 Jun 2002 4:43 am
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Misc :
MS Integration Params: GOOFY.P
Quant Time: Jun 3 11:37 2002

Vial: 18
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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	666	N.D.	
36) Di-n-butylphthalate	27.40	149	26636	0.47 ug/l #	99
37) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	31.93	149	122	N.D.	
41) Benzo(a)anthracene	33.47	228	2655	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.71	149	3951	N.D.	
43) Chrysene	33.47	228	2655	N.D.	
45) Di-n-Octylphthalate	35.46	149	199	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	37.65	252	2565	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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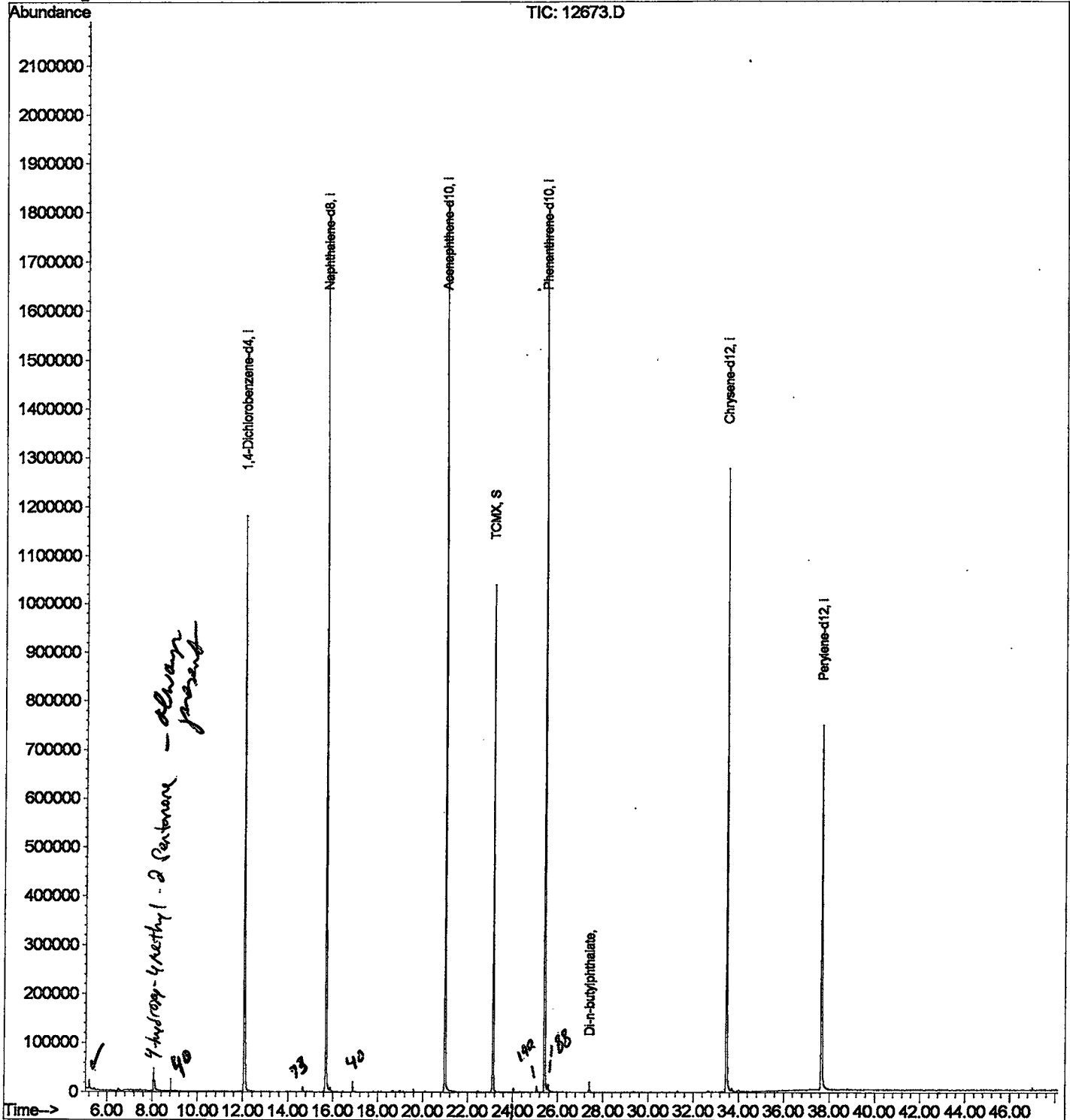
Quantitation Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12673.D
 Acq On : 1 Jun 2002 4:43 am
 Sample : gc/ms scan 5/30
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Jun 3 11:37 2002

Vial: 18
 Operator: Morgan
 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\MAY3102\12673.D

Acq On : 1 Jun 2002 4:43 am

Sample : gc/ms scan 5/30

Misc :

MS Integration Params: LSCINT.P

Vial: 18

Operator: Morgan

Inst : 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\GCMS0531.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	5.216	15	19	40	rVB	19388	47271	1.18%	0.212%
2	8.062	325	329	333	rBV	47271	104954	2.62%	0.471%
3	12.064	759	765	782	rBV	1181530	2850100	71.13%	12.789%
4	15.690	1153	1160	1175	rBV	1791517	3853006	96.16%	17.289%
5	20.987	1730	1737	1749	rBV	1823550	3945298	98.47%	17.703%
6	23.136	1962	1971	1981	rBV	1039961	2223368	55.49%	9.977%
7	25.431	2213	2221	2231	rBV2	1783449	4006666	100.00%	17.978%
8	27.404	2431	2436	2441	rBV	21592	43067	1.07%	0.193%
9	33.473	3090	3097	3119	rBV2	1276361	2994581	74.74%	13.437%
10	37.659	3544	3553	3566	rBV2	743794	2217645	55.35%	9.951%

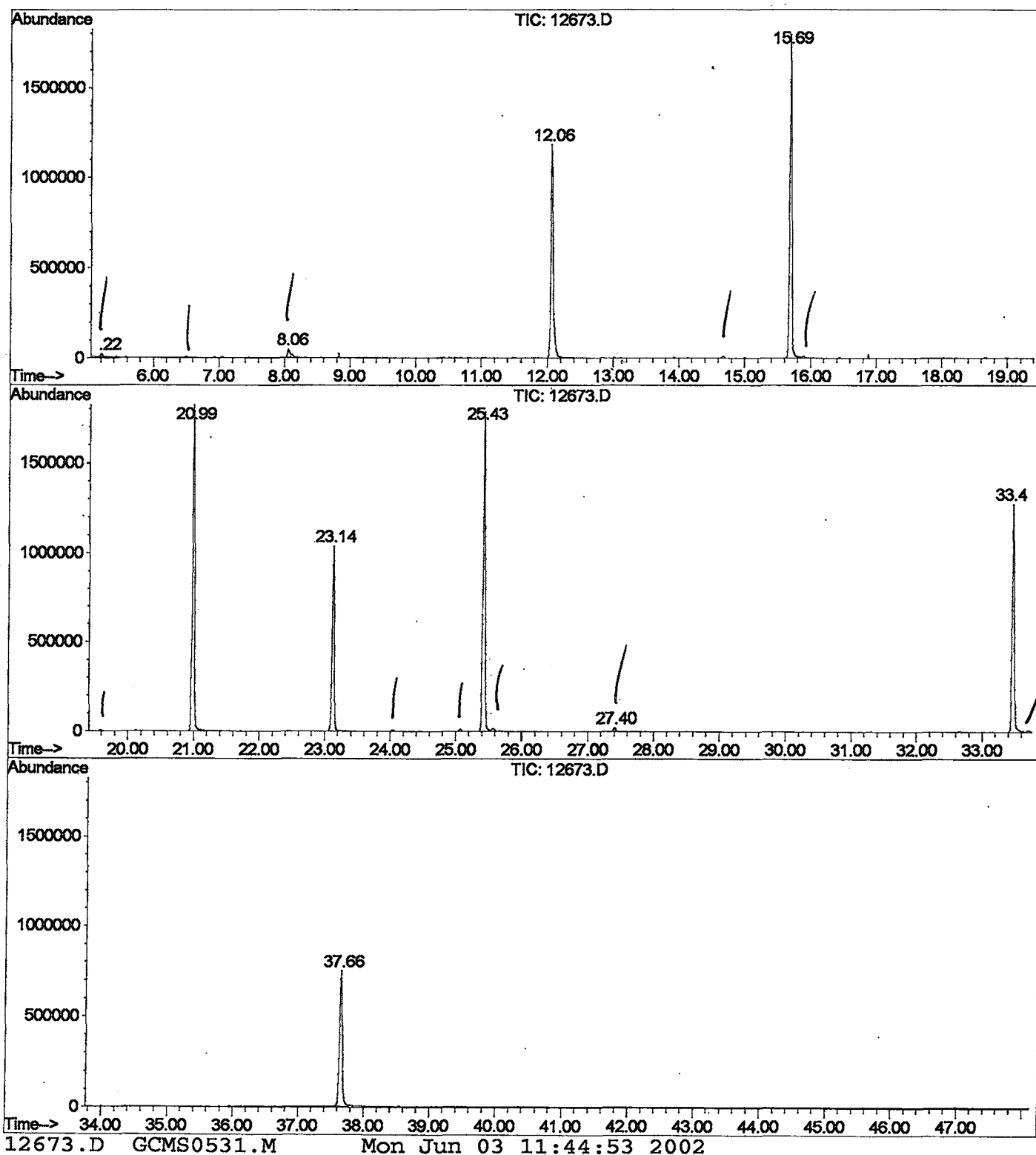
Sum of corrected areas: 22285956

12673.D GCMS0531.M

Mon Jun 03 11:44:52 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY3102\12673.D
Operator : Morgan
Acquired : 1 Jun 2002 4:43 am using AcqMethod GCMS0531
Instrument : 209
Sample Name: gc/ms scan 5/30
Misc Info :
Vial Number: 18
Quant File : GCMS0531.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12673.D
Acq On : 1 Jun 2002 4:43 am
Sample : gc/ms scan 5/30
Misc :
MS Integration Params: LSCINT.P

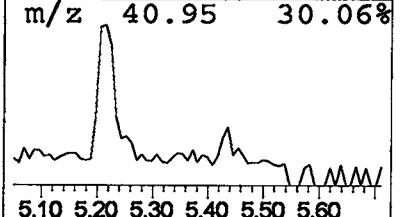
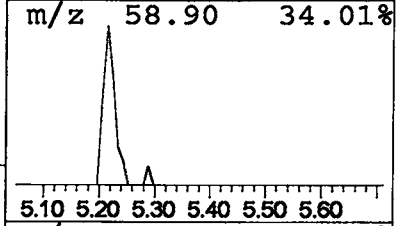
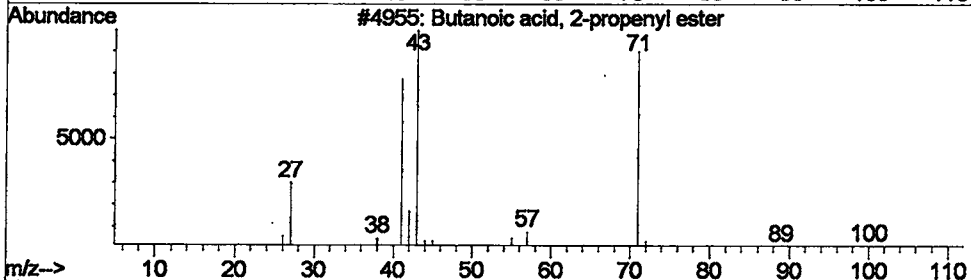
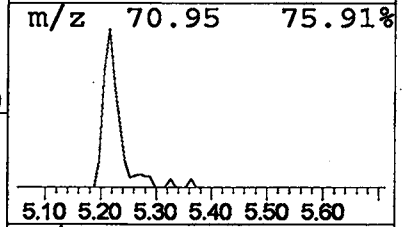
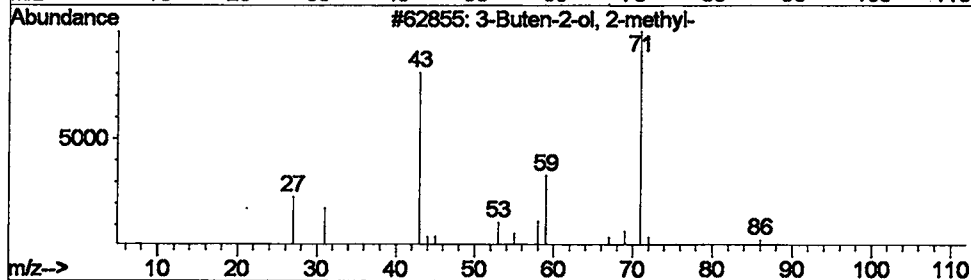
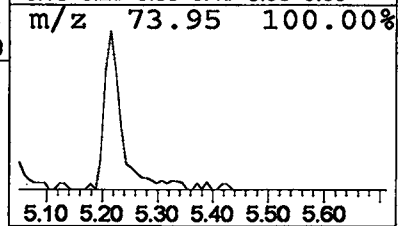
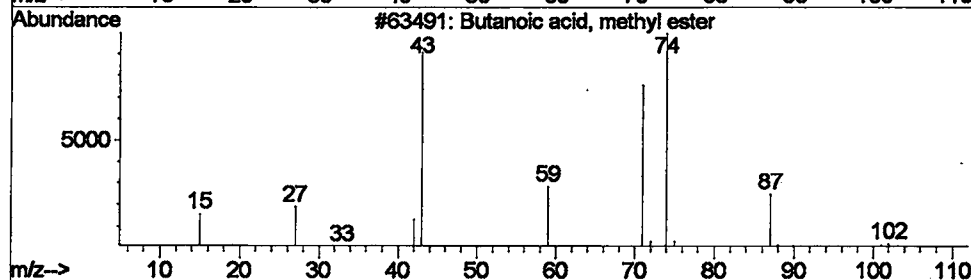
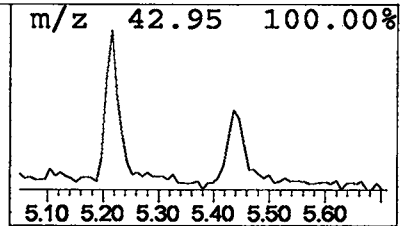
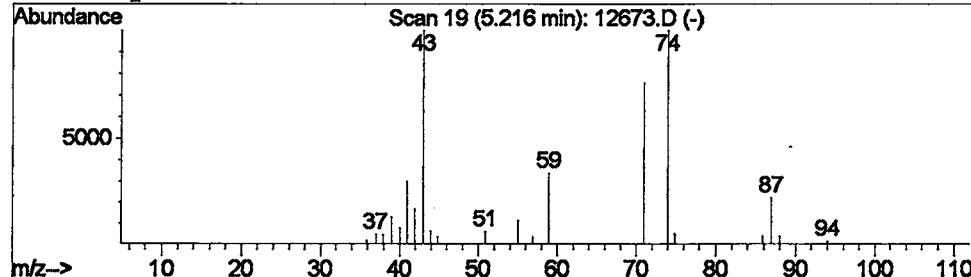
Vial: 18
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 1 Butanoic acid, methyl ester Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.22	0.66 ug/l	47271	1,4-Dichlorobenzene-d4	12.06

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Butanoic acid, methyl ester	102	C5H10O2	000623-42-7	78
2			3-Buten-2-ol, 2-methyl-	86	C5H10O	000115-18-4	25
3			Butanoic acid, 2-propenyl ester	128	C7H12O2	002051-78-7	17
4			3-Pyrrolidinol	87	C4H9NO	040499-83-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY3102\12673.D
Acq On : 1 Jun 2002 4:43 am
Sample : gc/ms scan 5/30
Misc :
MS Integration Params: LSCINT.P

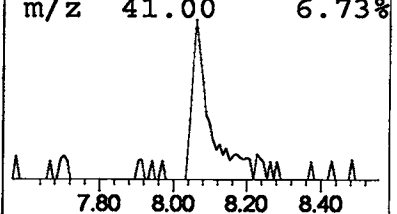
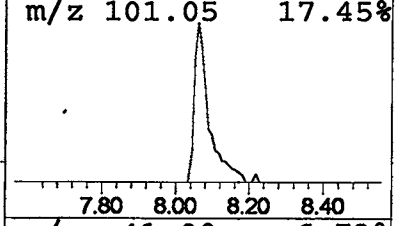
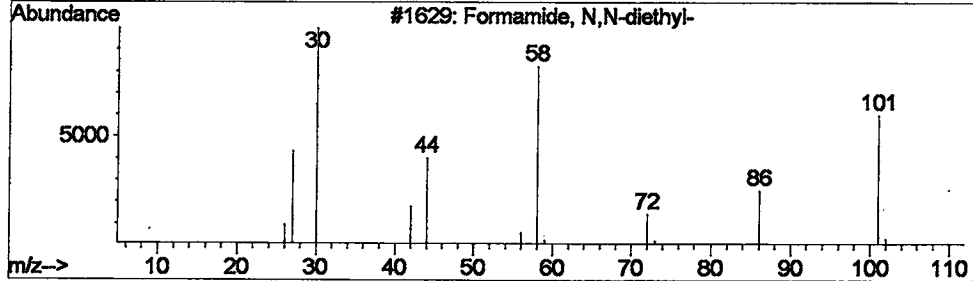
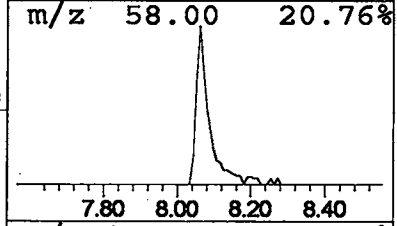
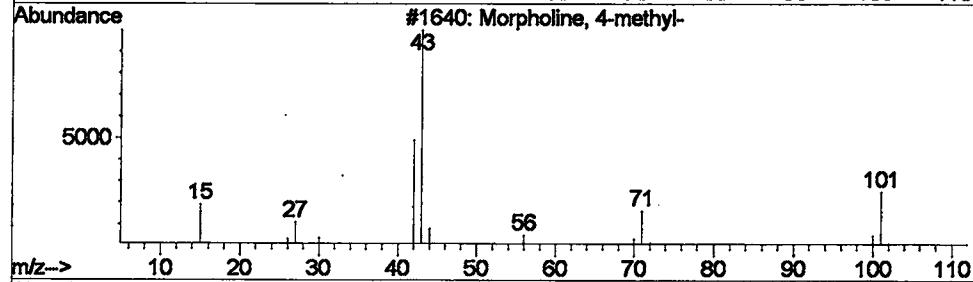
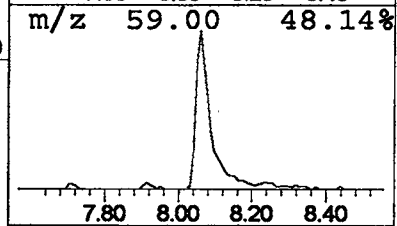
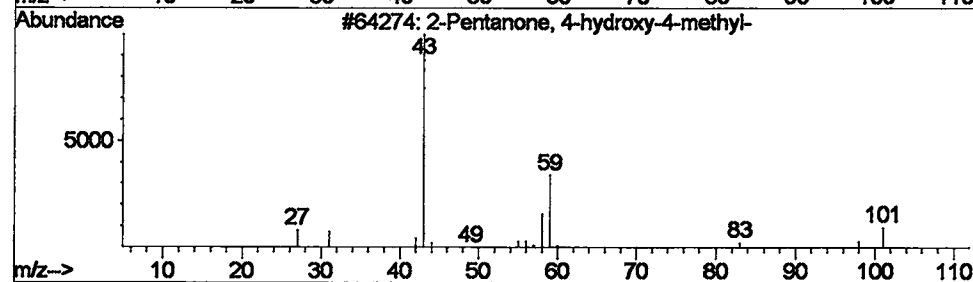
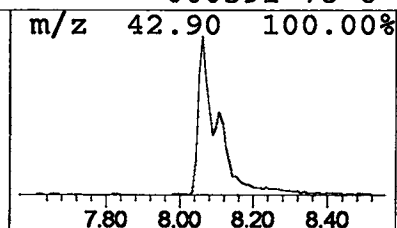
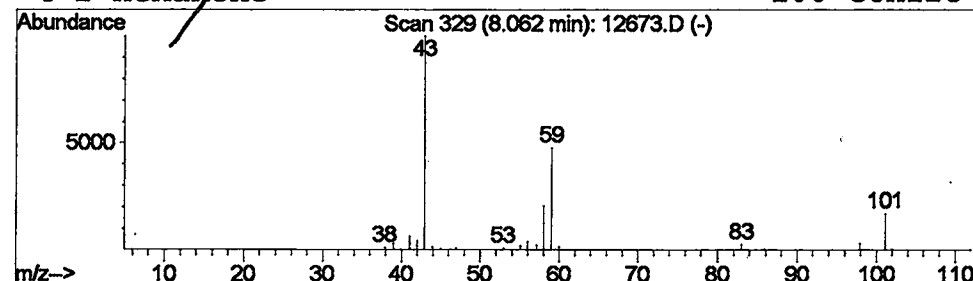
Vial: 18
Operator: Morgan
Inst : 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS0531.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.06	1.47 ug/l	104954	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			Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3			Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
4			2-Hexanone	100	C6H12O	000591-78-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: Morgan Date Acquired: 1 Jun 2002 4:43 am
Data File: C:\HPCHEM\1\DATA\MAY3102\12673.D
Name: gc/ms scan 5/30
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
Butanoic acid, methy	5.22	0.7	ug/l	47271	ISTD01	12.06	2850100	40.0
2-Pentanone, 4-hydro	8.06	1.5	ug/l	104954	ISTD01	12.06	2850100	40.0

12673.D GCMS0531.M Mon Jun 03 11:44:55 2002