

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 12:19:51

 Sample: AD27951
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/2/02 12:17 Ended: 1/2/02 12:17 Analyst: MG
 Page: 1

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

Comments for Sample AD27951 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-02-2002 Time: 12:20:36

scan of the extract prepared for the 508 analysis, from 35-550 amu using a mass spectrometer, does not reveal the presence of non-target compounds.

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D

Vial: 7

Acq On : 20 Dec 2001 9:37 pm

Operator: GALOS

Sample : gcms unknown 11/20

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:41 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.87	152	1131325	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.47	136	4516786	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.75	164	1985636	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	2936724m	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	2038693	20.00	ng/uL	-0.08
68) Perylene-d12	37.25	264	1093492	20.00	ng/uL	-0.09

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount	75.000	Range	18 - 42	Recovery	=	0.00%#
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount	75.000	Range	19 - 32	Recovery	=	0.00%#
6) 2-Chlorophenol-d4	11.87	132	710	0.01	ng/uL	0.44
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	12.09	152	280	0.01	ng/uL	-0.37
Spiked Amount	50.000	Range	26 - 73	Recovery	=	0.02%#
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range	55 - 98	Recovery	=	0.00%#
32) 2-Fluorobiphenyl	18.90	172	2665	0.02	ng/uL	0.07
Spiked Amount	50.000	Range	42 - 78	Recovery	=	0.04%#
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount	75.000	Range	45 - 96	Recovery	=	0.00%#
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount	50.000	Range	58 - 98	Recovery	=	0.00%#

Target Compounds

				Qvalue
2) Pyridine	0.00	79	0	N.D.
3) N-nitrosodimethylamine	0.00	74	0	N.D.
8) Phenol	0.00	94	0	N.D.
9) bis(2-Chloroethyl)ether	0.00	93	0	N.D.
10) 2-Chlorophenol	0.00	128	0	N.D.
11) 1,3-Dichlorobenzene	0.00	146	0	N.D.
12) 1,4-Dichlorobenzene	0.00	146	0	N.D.
13) 1,2-Dichlorobenzene	0.00	146	0	N.D.
14) 2-Methylphenol	0.00	108	0	N.D.
15) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.
16) 3&4-Methylphenol	0.00	108	0	N.D.

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

27951.D NP112701.M

Fri Dec 21 09:50:40 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D

Vial: 7

Acq On : 20 Dec 2001 9:37 pm

Operator: GALOS

Sample : gcms unknown 11/20

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:41 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
17) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
18) Hexachloroethane	0.00	117	0	N.D.		
21) Nitrobenzene	0.00	77	0	N.D.		
22) Isophorone	0.00	82	0	N.D.		
23) 2-Nitrophenol	0.00	139	0	N.D.		
24) 2,4-Dimethylphenol	0.00	107	0	N.D.		
25) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
26) 2,4-Dichlorophenol	0.00	162	0	N.D.		
27) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
28) Naphthalene	0.00	128	0	N.D.		
29) Hexachlorobutadiene	0.00	225	0	N.D.		
30) 4-Chloro-3-methylphenol	0.00	107	0	N.D.		
34) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
35) 2,4,6-Trichlorophenol	0.00	196	0	N.D.		
36) 2,4,5-Trichlorophenol	0.00	196	0	N.D.		
37) 2-Chloronaphthalene	0.00	162	0	N.D.		
38) Dimethylphthalate	0.00	163	0	N.D.		
39) 2,6-Dinitrotoluene	0.00	165	0	N.D.	d	
40) Acenaphthylene	0.00	152	0	N.D.		
41) Acenaphthene	0.00	153	0	N.D.		
42) 2,4-Dinitrophenol	0.00	184	0	N.D.		
43) 4-Nitrophenol	0.00	65	0	N.D.		
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
45) Diethylphthalate	0.00	149	0	N.D.		
46) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		
50) 4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.		
51) N-Nitrosodiphenylamine	0.00	169	0	N.D.		
52) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
53) Hexachlorobenzene	0.00	284	0	N.D.		
54) Pentachlorophenol	0.00	266	0	N.D.		
55) Phenanthrene	25.15	178	324	N.D.		
56) Anthracene	25.15	178	324	N.D.		
57) Di-n-butylphthalate	0.00	149	0	N.D.	d	
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		

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

27951.D NP112701.M

Fri Dec 21 09:50:42 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D

Vial: 7

Acq On : 20 Dec 2001 9:37 pm

Operator: GALOS

Sample : gcms unknown 11/20

Inst : GC/MS Ins

Misc :

Multiplier: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:41 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.		
63) Pyrene	0.00	202	0	N.D.		
64) Butylbenzylphthalate	0.00	149	0	N.D.		
65) Benzo(a)anthracene	33.17	228	4683 ✓	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	5886 ✓	N.D.		
67) Chrysene	33.17	228	4683 ✓	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.26	252	3620 ✓	N.D.		
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

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

27951.D NP112701.M

Fri Dec 21 09:50:43 2001

Page 3

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D

Acq On : 20 Dec 2001 9:37 pm

Sample : gcms unknown 11/20

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:41 2001

Vial: 7

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

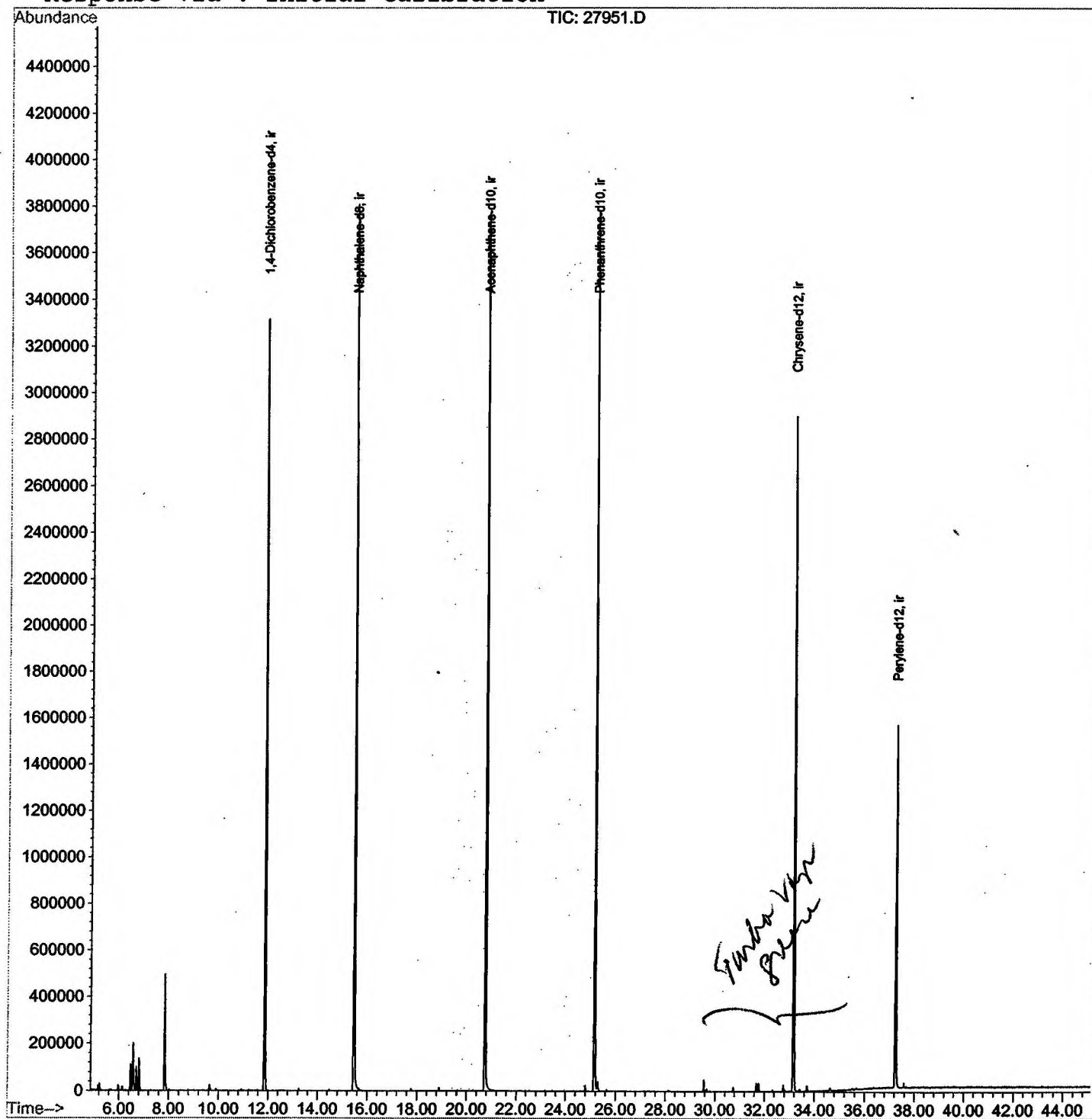
Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D

Acq On : 20 Dec 2001 9:37 pm

Sample : gcms unknown 11/20

Misc :

MS Integration Params: LSCINT.P

Vial: 7

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/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	6.465	170	177	183	rBV	112489	215601	2.32%	0.459%
2	6.575	183	189	193	rBV	198152	395894	4.27%	0.843%
3	6.704	199	203	210	rBV	102304	180885	1.95%	0.385%
4	6.814	210	215	226	rVB	136008	267394	2.88%	0.569%
5	7.841	322	327	341	rBV	496273	1003126	10.82%	2.135%
6	11.866	760	766	773	rVB	3311675	7037751	75.88%	14.980%
7	15.470	1152	1159	1178	rBV	3808338	9274941	100.00%	19.742%
8	20.752	1726	1735	1752	rBV	3770814	8906323	96.03%	18.957%
9	25.163	2207	2216	2226	rBV2	3776051	8432484	90.92%	17.949%
10	25.291	2226	2230	2240	rVB2	38981	100985	1.09%	0.215%
11	33.169	3081	3089	3096	rBV2	2897482	6849364	73.85%	14.579%
12	37.249	3526	3534	3545	rBV2	1550684	4316359	46.54%	9.187%

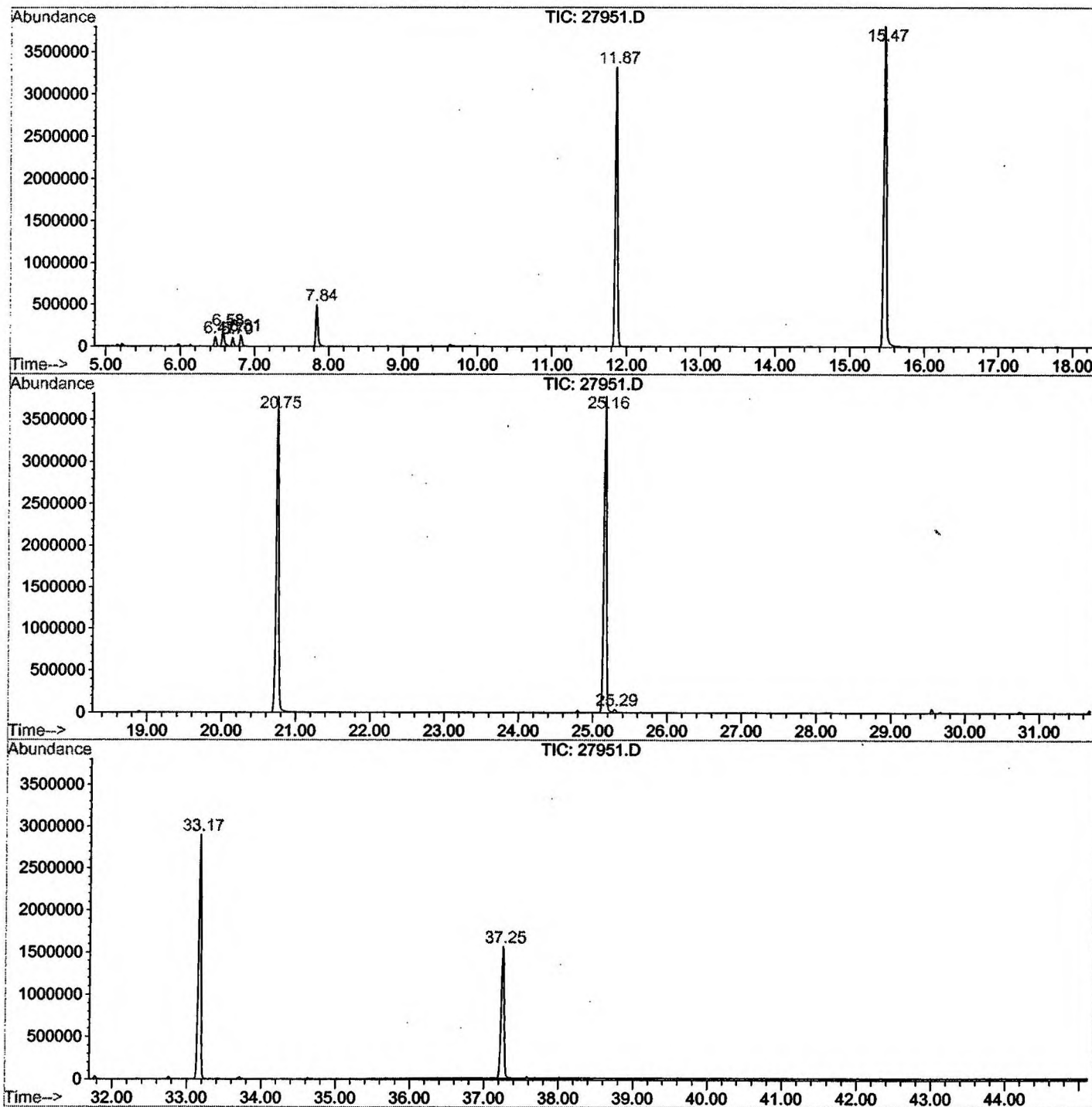
Sum of corrected areas: 46981107

27951.D NP112701.M

Fri Dec 21 09:58:23 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27951.D
 Operator : GALOS
 Acquired : 20 Dec 2001 9:37 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gcms unknown 11/20
 Misc Info :
 Vial Number: 7
 Quant File :NP112701.RES (RTE Integrator)



27951.D NP112701.M

Fri Dec 21 09:58:25 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D
Acq On : 20 Dec 2001 9:37 pm
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

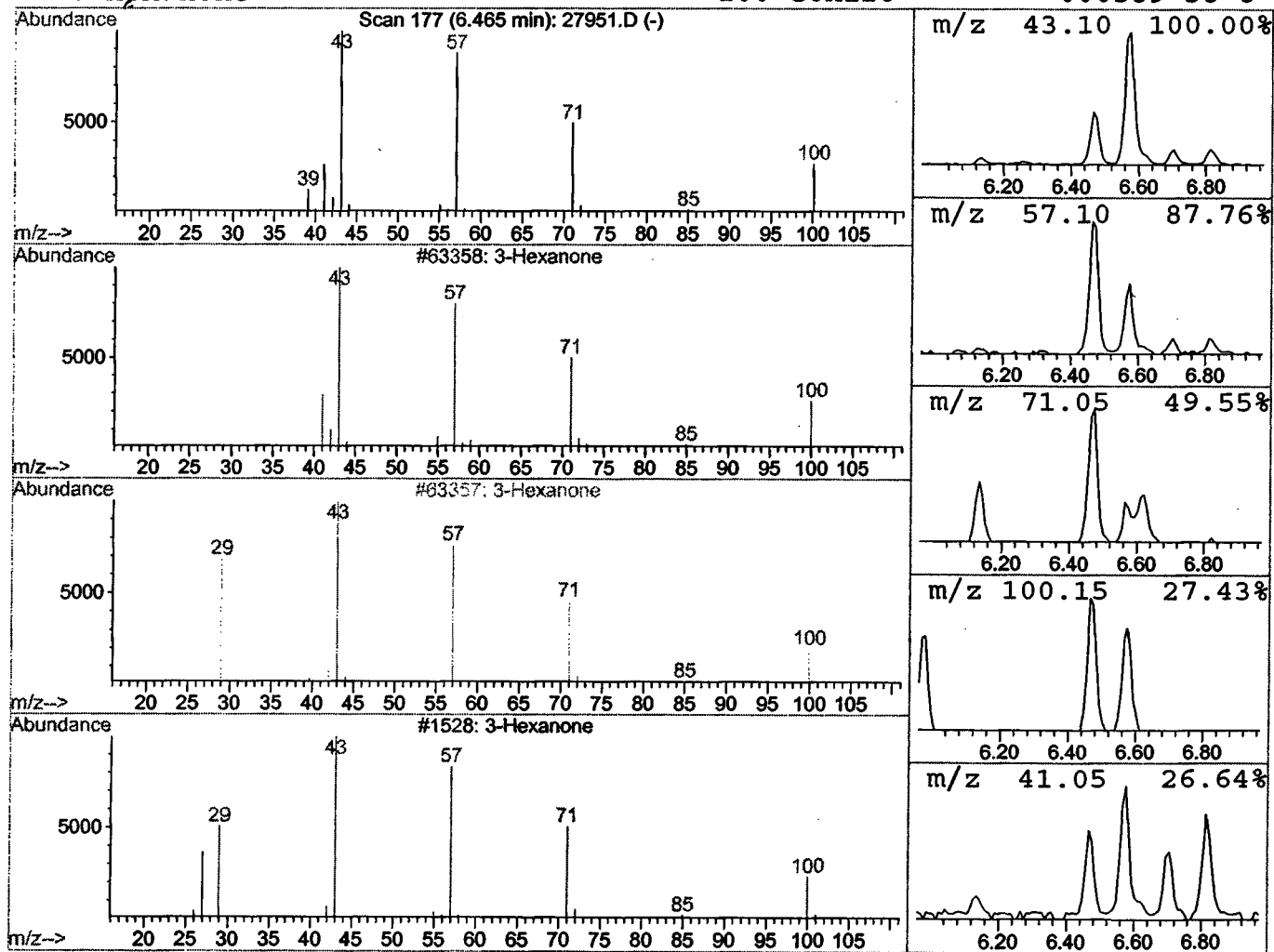
Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.47	0.61 ng/uL	215601	1,4-Dichlorobenzene-d4	11.87

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexanone	100	C6H12O	000589-38-8	91
2		3-Hexanone	100	C6H12O	000589-38-8	91
3		3-Hexanone	100	C6H12O	000589-38-8	86
4		3-Hexanone	100	C6H12O	000589-38-8	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D
Acq On : 20 Dec 2001 9:37 pm
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

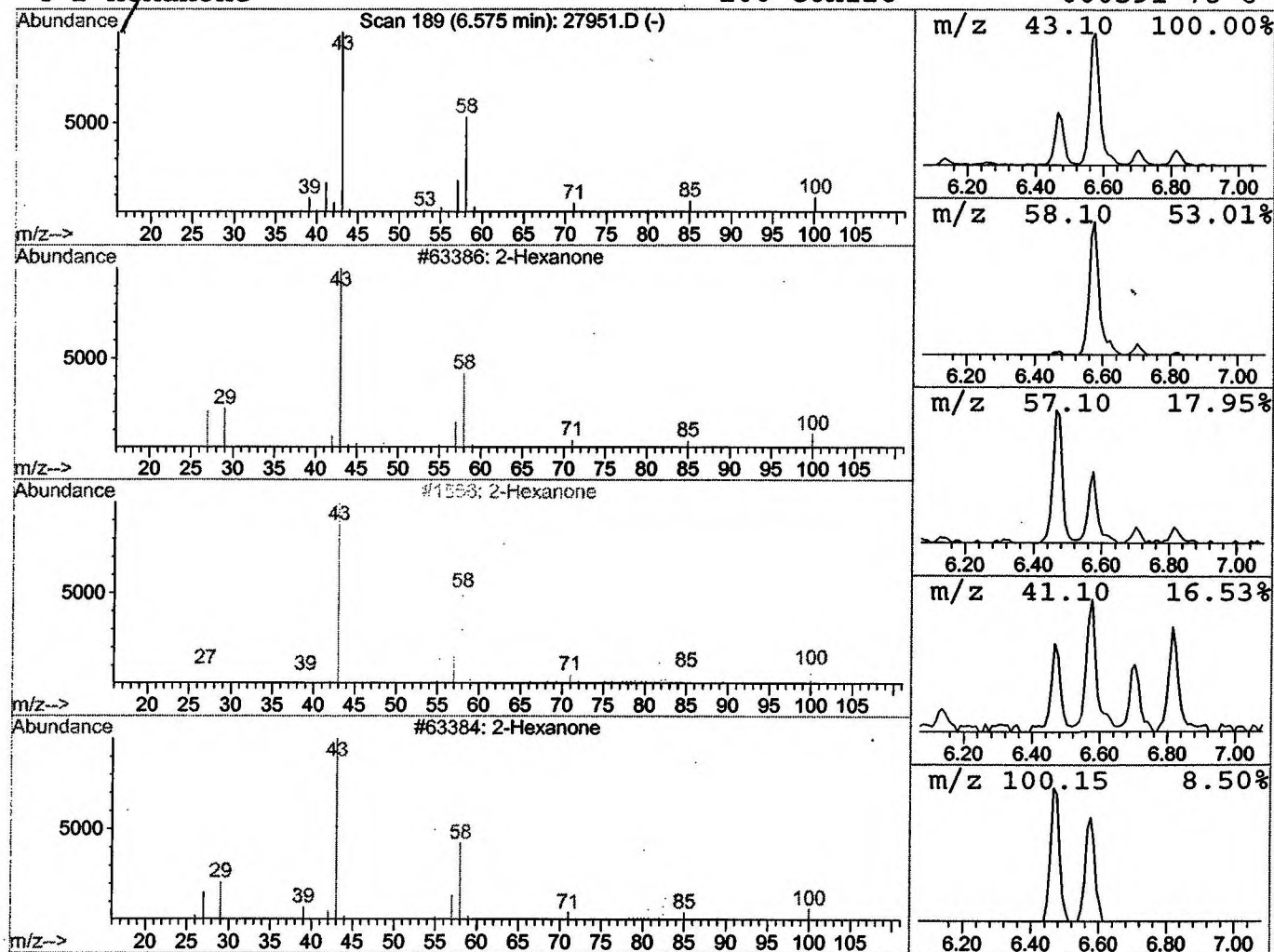
Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	1.13 ng/uL	395894	1,4-Dichlorobenzene-d4	11.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	91
2			2-Hexanone	100	C6H12O	000591-78-6	91
3			2-Hexanone	100	C6H12O	000591-78-6	91
4			2-Hexanone	100	C6H12O	000591-78-6	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D
Acq On : 20 Dec 2001 9:37 pm
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

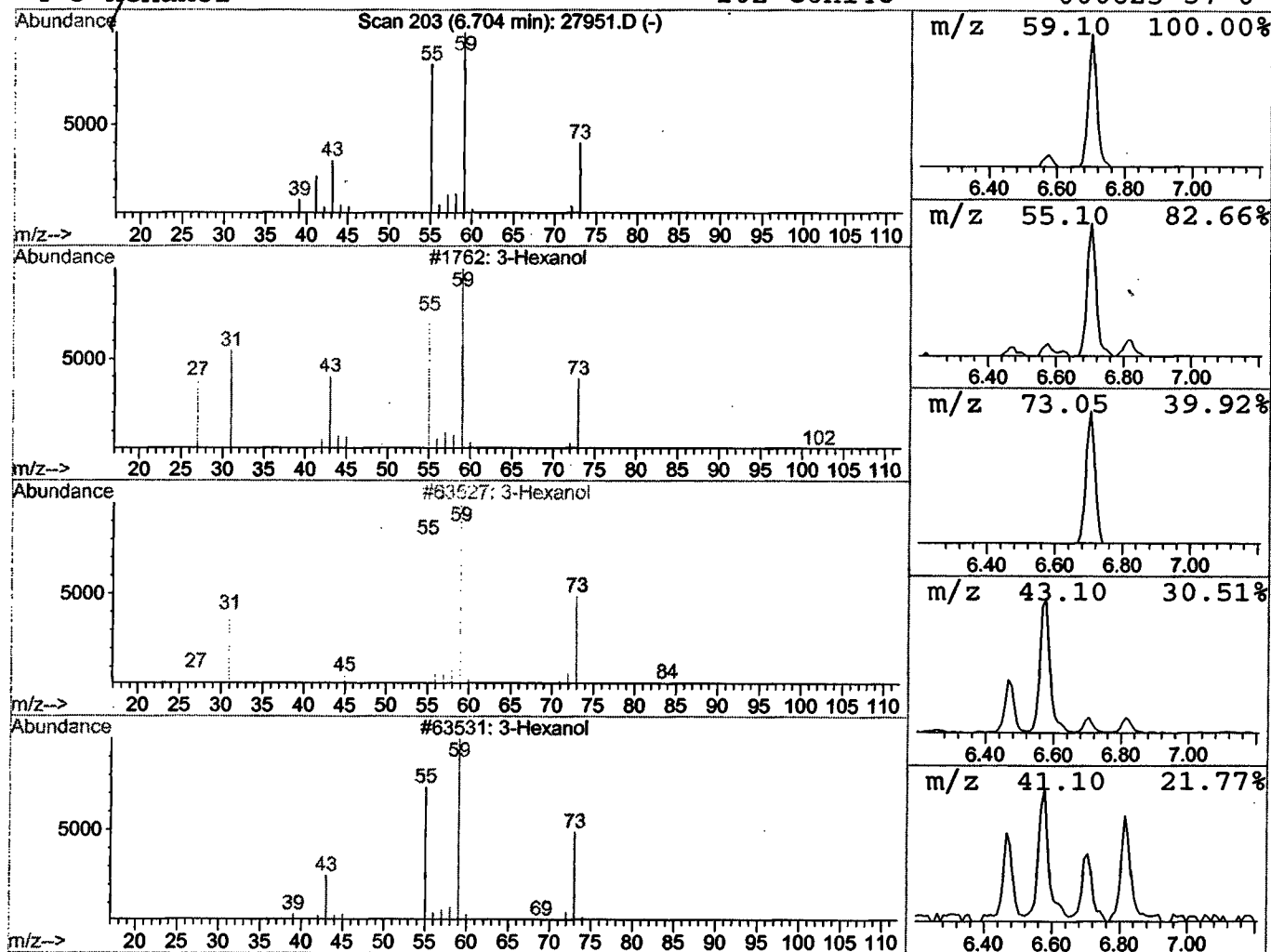
Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	0.51 ng/uL	180885	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Hexanol	102	C6H14O	000623-37-0	83
3	3-Hexanol	102	C6H14O	000623-37-0	83
4	3-Hexanol	102	C6H14O	000623-37-0	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D
Acq On : 20 Dec 2001 9:37 pm
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

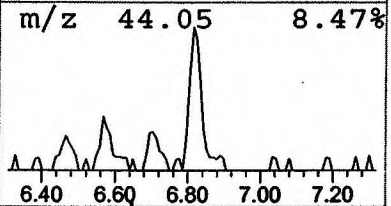
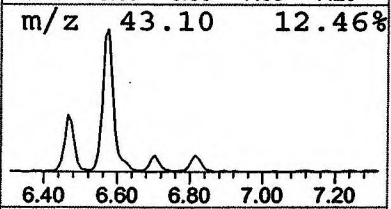
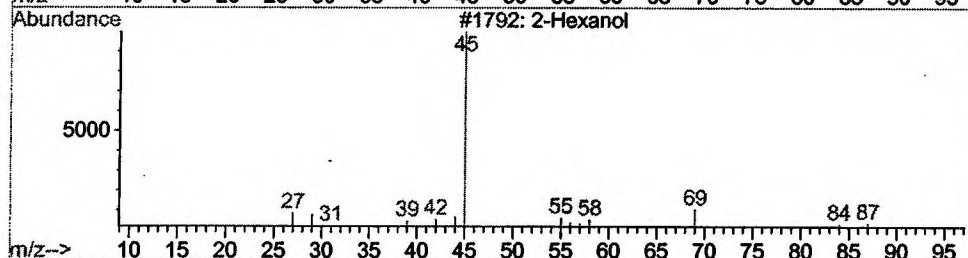
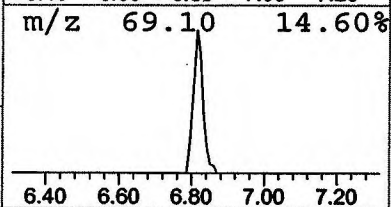
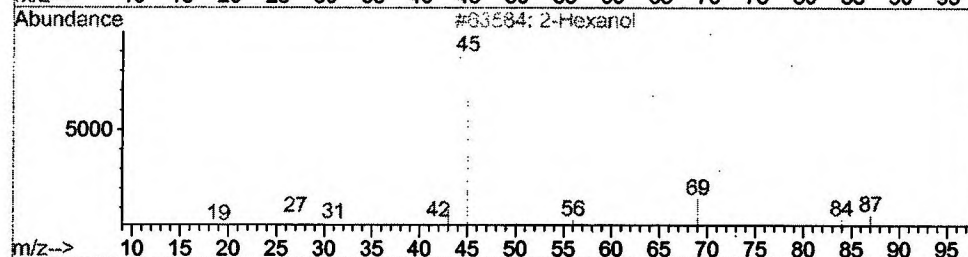
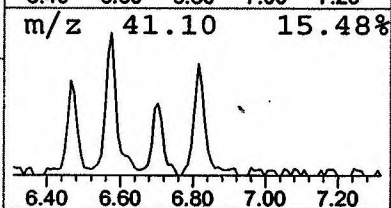
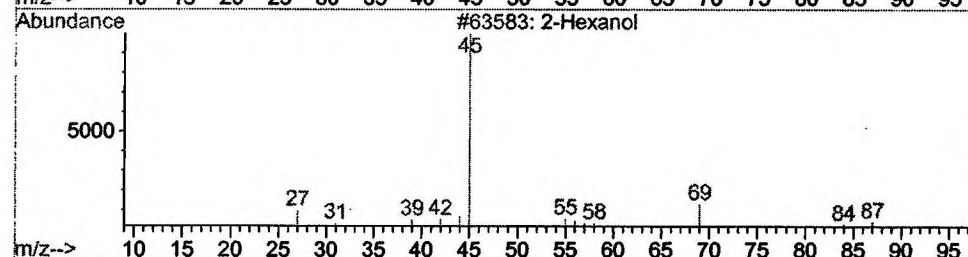
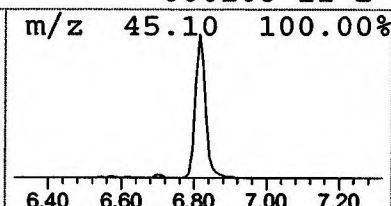
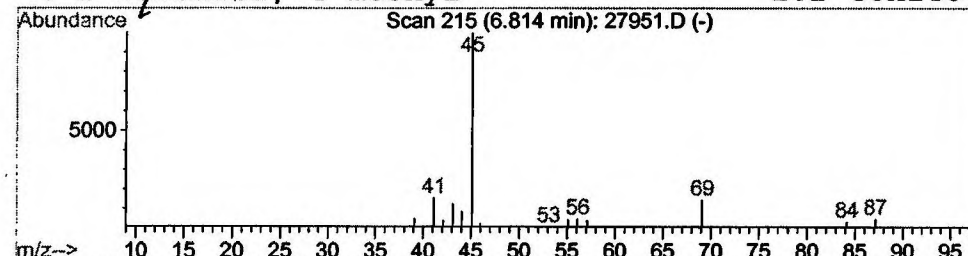
Vial: 7
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	0.76 ng/uL	267394	1,4-Dichlorobenzene-d4	11.87

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol		102	C6H14O	000626-93-7	83
2	2-Hexanol		102	C6H14O	000626-93-7	83
3	2-Hexanol		102	C6H14O	000626-93-7	83
4	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27951.D

Acq On : 20 Dec 2001 9:37 pm

Sample : gcms unknown 11/20

Misc :

MS Integration Params: LSCINT.P

Vial: 7

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

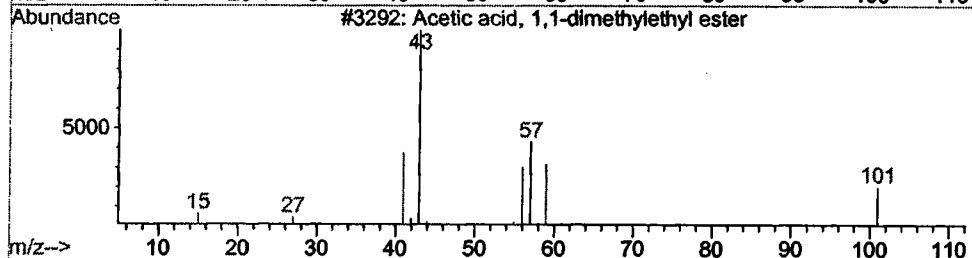
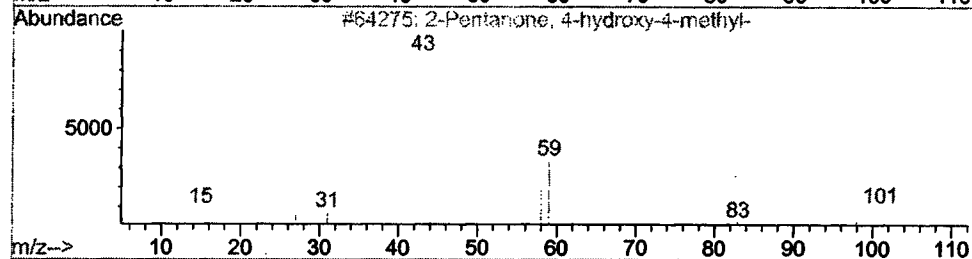
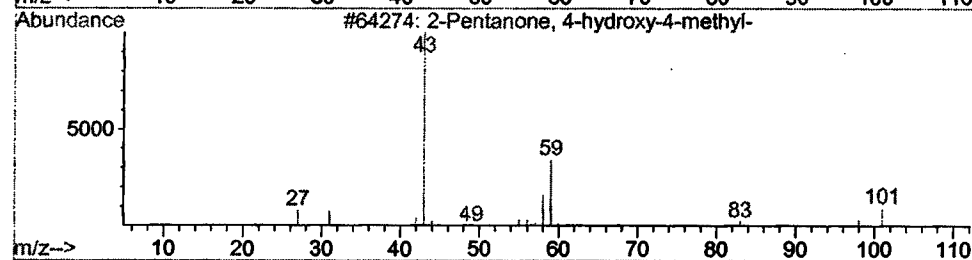
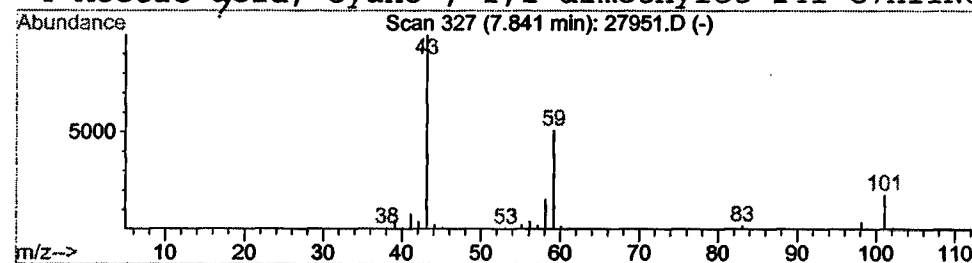
Title : 208 625/TCLP calibration table

Library : C:\DATABASE\NBS75K.L

Peak Number 5 2-Pentanone, 4-hydroxy-4-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	2.85 ng/uL	1003130	1,4-Dichlorobenzene-d4	11.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
4			Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 9:37 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\27951.D
Name: gcms unknown 11/20
Misc:
Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title: 208 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc Units	Area	IntStd	ISRT	ISArea	ISConc
3-Hexanone	6.47	0.6 ng/uL	215601	ISTD01	11.87	7037750	20.0
2-Hexanone	6.58	1.1 ng/uL	395894	ISTD01	11.87	7037750	20.0
3-Hexanol	6.70	0.5 ng/uL	180885	ISTD01	11.87	7037750	20.0
2-Hexanol	6.81	0.8 ng/uL	267394	ISTD01	11.87	7037750	20.0
2-Pentanone, 4-hydro	7.84	2.9 ng/uL	1003130	ISTD01	11.87	7037750	20.0

27951.D NP112701.M Fri Dec 21 09:58:36 2001