

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 15:06:14

Sample: AD27631
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/3/02 15:04 Ended: 1/3/02 15:04 Analyst: MG
 Page: 1

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

Comments for Sample AD27631 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-03-2002 Time: 15:06:23

A 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.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27631.D

Vial: 19

Acq On : 20 Dec 2001 2:19 pm

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 8:55 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	867994	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	3435394	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	1506389	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.17	188	2218699m	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	1421373	20.00	ng/uL	-0.08
68) Perylene-d12	37.25	264	705884	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	11.86	132	676	0.01	ng/uL	0.44
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ng/uL	
Spiked Amount	50.000	Range	26 - 73	Recovery	=	0.00%#
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	1431	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	5.05	79	317	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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27631.D

Vial: 19

Acq On : 20 Dec 2001 2:19 pm

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 8:55 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	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.15	149	5926	N.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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27631.D

Vial: 19

Acq On : 20 Dec 2001 2:19 pm

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 8:55 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	33.16	228	3298	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	12830	N.D.		
67) Chrysene	33.16	228	3298	N.D.		
69) Di-n-Octylphthalate	35.61	149	600	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	37.24	252	2492	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

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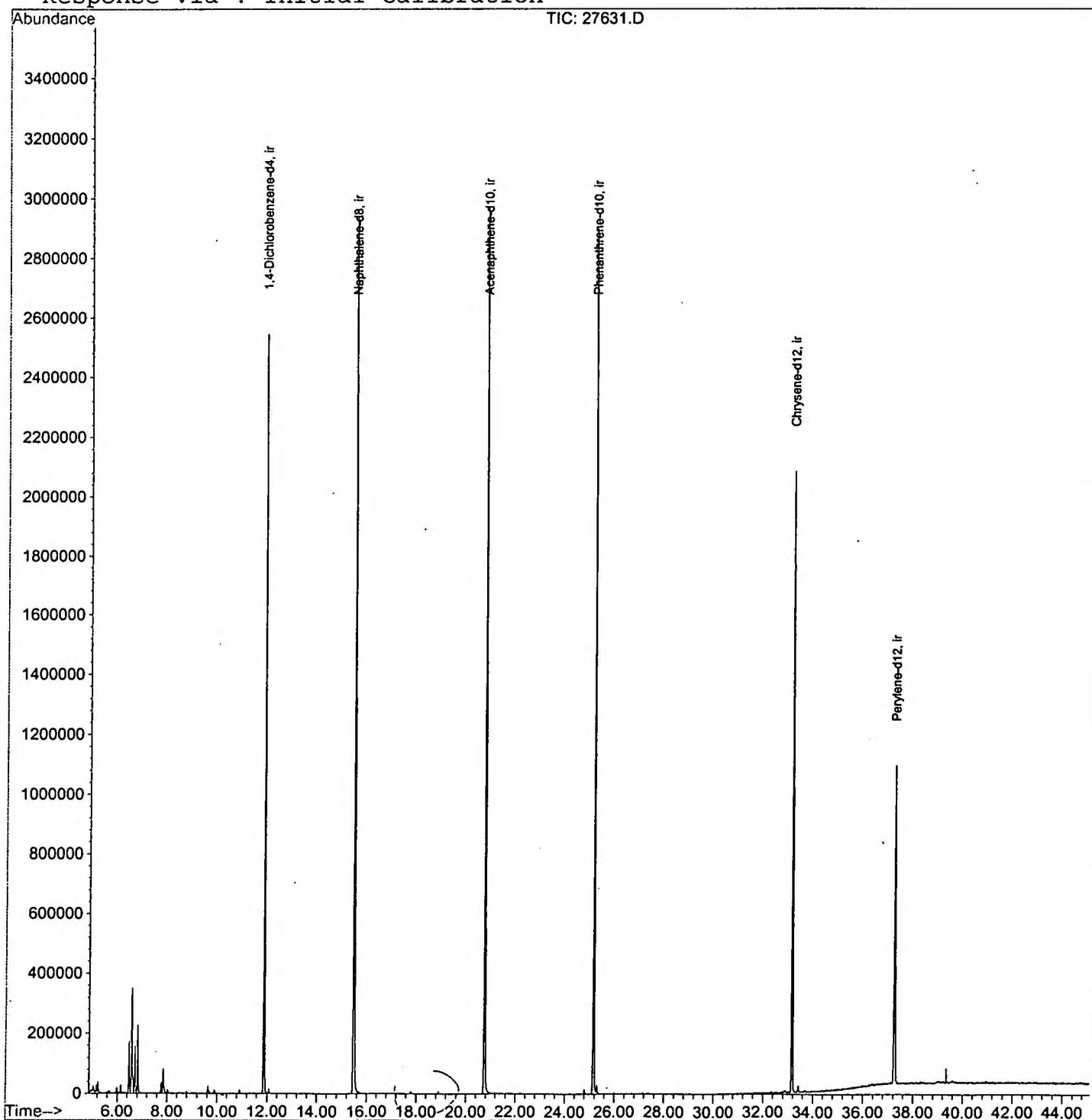
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27631.D
 Acq On : 20 Dec 2001 2:19 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 21 8:55 2001

Vial: 19
 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\27631.D
 Acq On : 20 Dec 2001 2:19 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

Vial: 19
 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 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

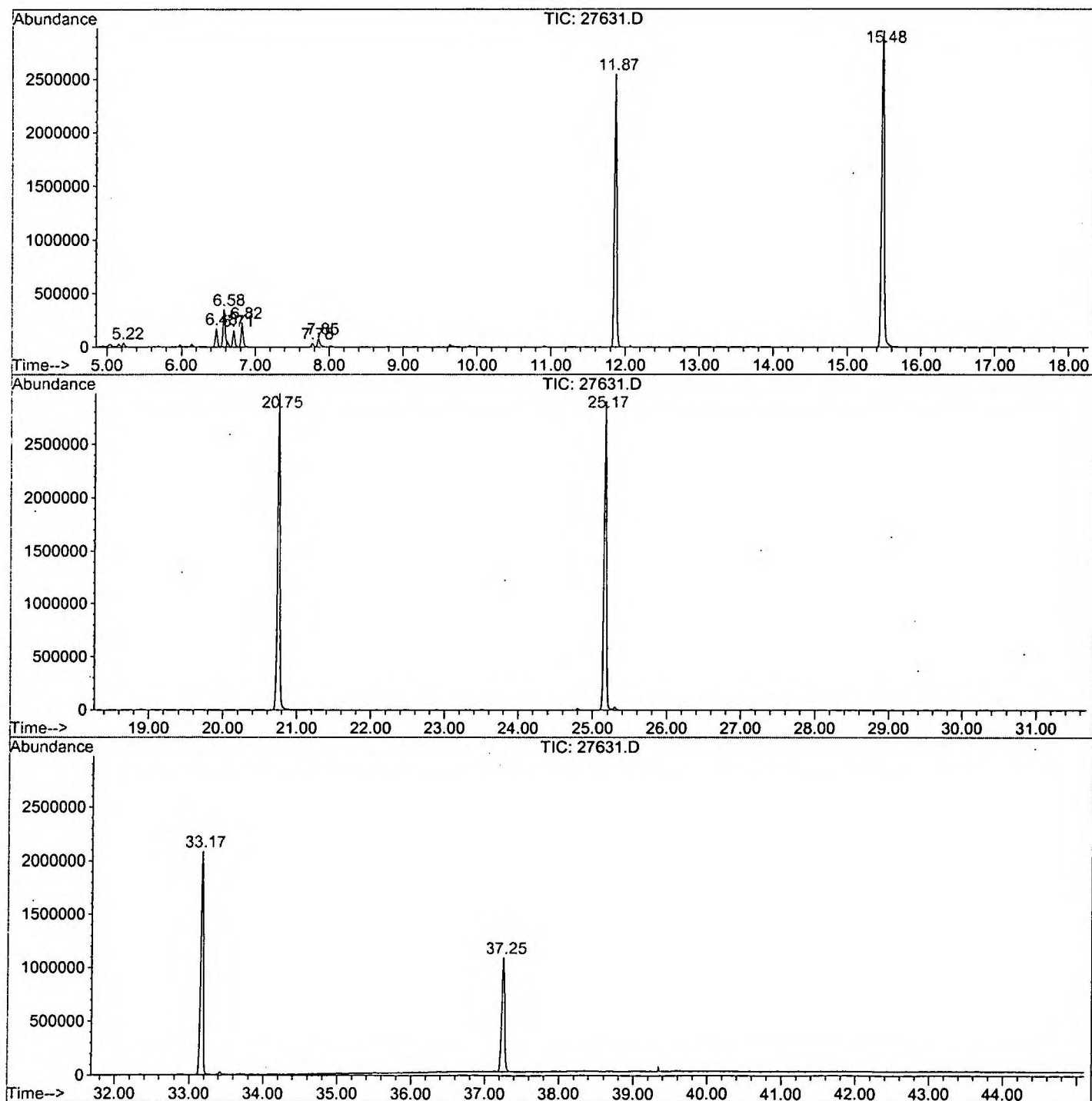
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.221	38	41	47	rVB2	37675	70258	1.00%	0.200%
2	6.477	170	178	183	rBV	170843	332551	4.74%	0.945%
3	6.578	183	189	193	rBV	348181	694470	9.89%	1.973%
4	6.706	199	203	210	rBV	154508	283279	4.04%	0.805%
5	6.816	210	215	224	rVB	225316	426332	6.07%	1.211%
6	7.779	315	320	324	rBV	36613	72712	1.04%	0.207%
7	7.853	324	328	338	rVV	82342	193409	2.76%	0.549%
8	11.869	760	766	776	rVB	2543764	5374706	76.57%	15.268%
9	15.482	1152	1160	1177	rBV	2942508	7019351	100.00%	19.939%
10	20.755	1727	1735	1749	rBV	2974600	6761147	96.32%	19.206%
11	25.166	2208	2216	2227	rBV2	2900264	6350733	90.47%	18.040%
12	33.171	3082	3089	3100	rVB2	2079816	4774206	68.01%	13.562%
13	37.252	3526	3534	3542	rBV2	1061089	2850414	40.61%	8.097%

Sum of corrected areas: 35203568

27631.D NP112701.M Fri Dec 21 09:19:44 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27631.D
 Operator : GALOS
 Acquired : 20 Dec 2001 2:19 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gcms unknown 11/16
 Misc Info :
 Vial Number: 19
 Quant File :NP112701.RES (RTE Integrator)



27631.D NP112701.M

Fri Dec 21 09:19:46 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27631.D
 Acq On : 20 Dec 2001 2:19 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

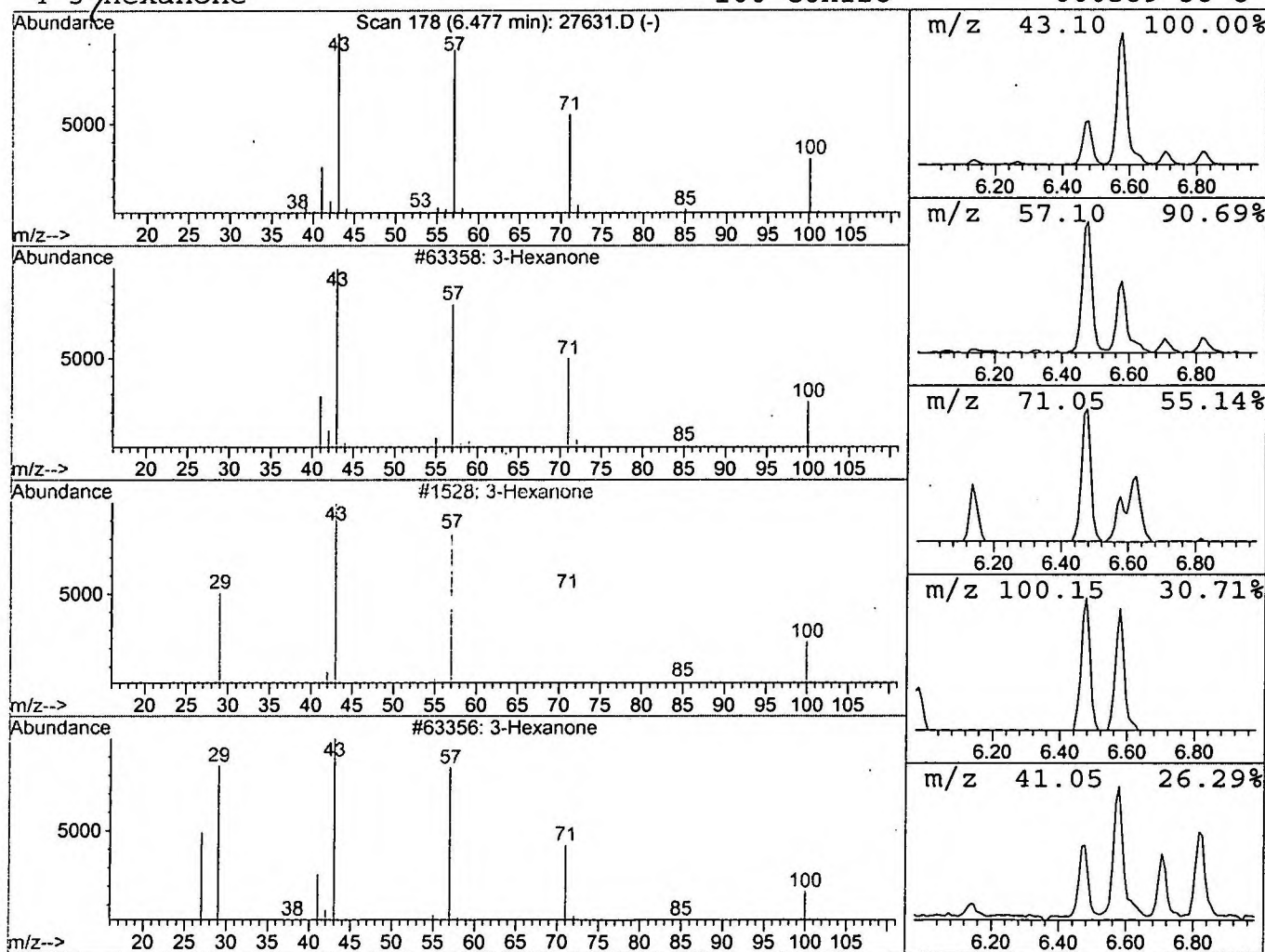
Vial: 19
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	1.24 ng/uL	332551	1,4-Dichlorobenzene-d4	11.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3	Hexanone	100	C6H12O	000589-38-8	87
2	3	Hexanone	100	C6H12O	000589-38-8	87
3	3	Hexanone	100	C6H12O	000589-38-8	72
4	3	Hexanone	100	C6H12O	000589-38-8	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27631.D
 Acq On : 20 Dec 2001 2:19 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

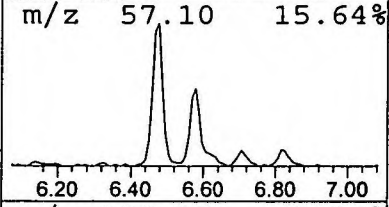
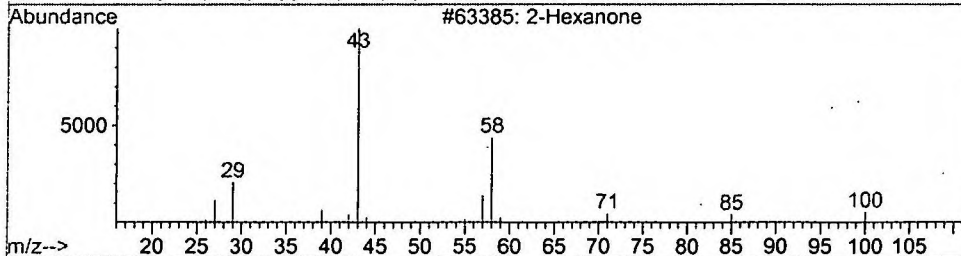
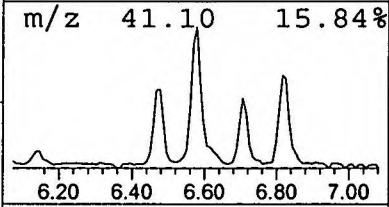
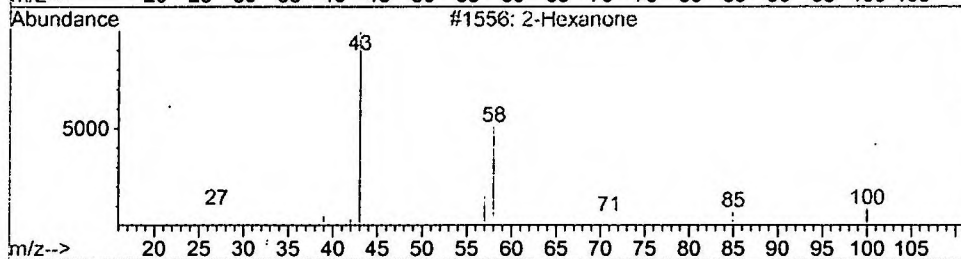
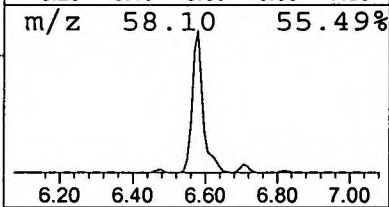
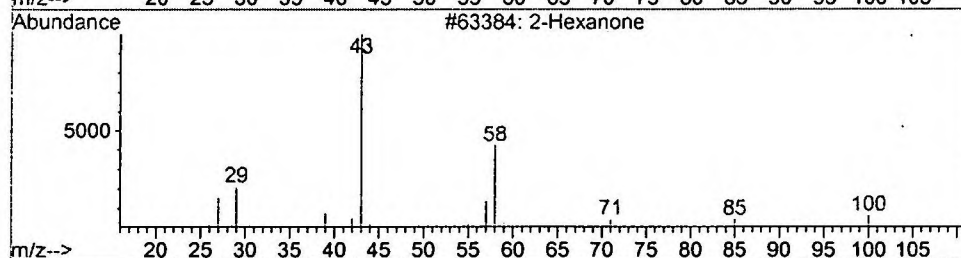
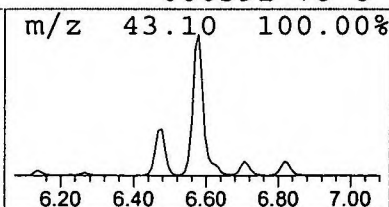
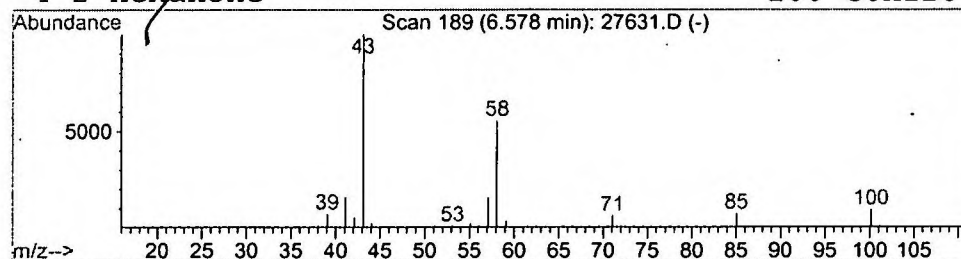
Vial: 19
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	2.58 ng/uL	694470	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\27631.D
Acq On : 20 Dec 2001 2:19 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

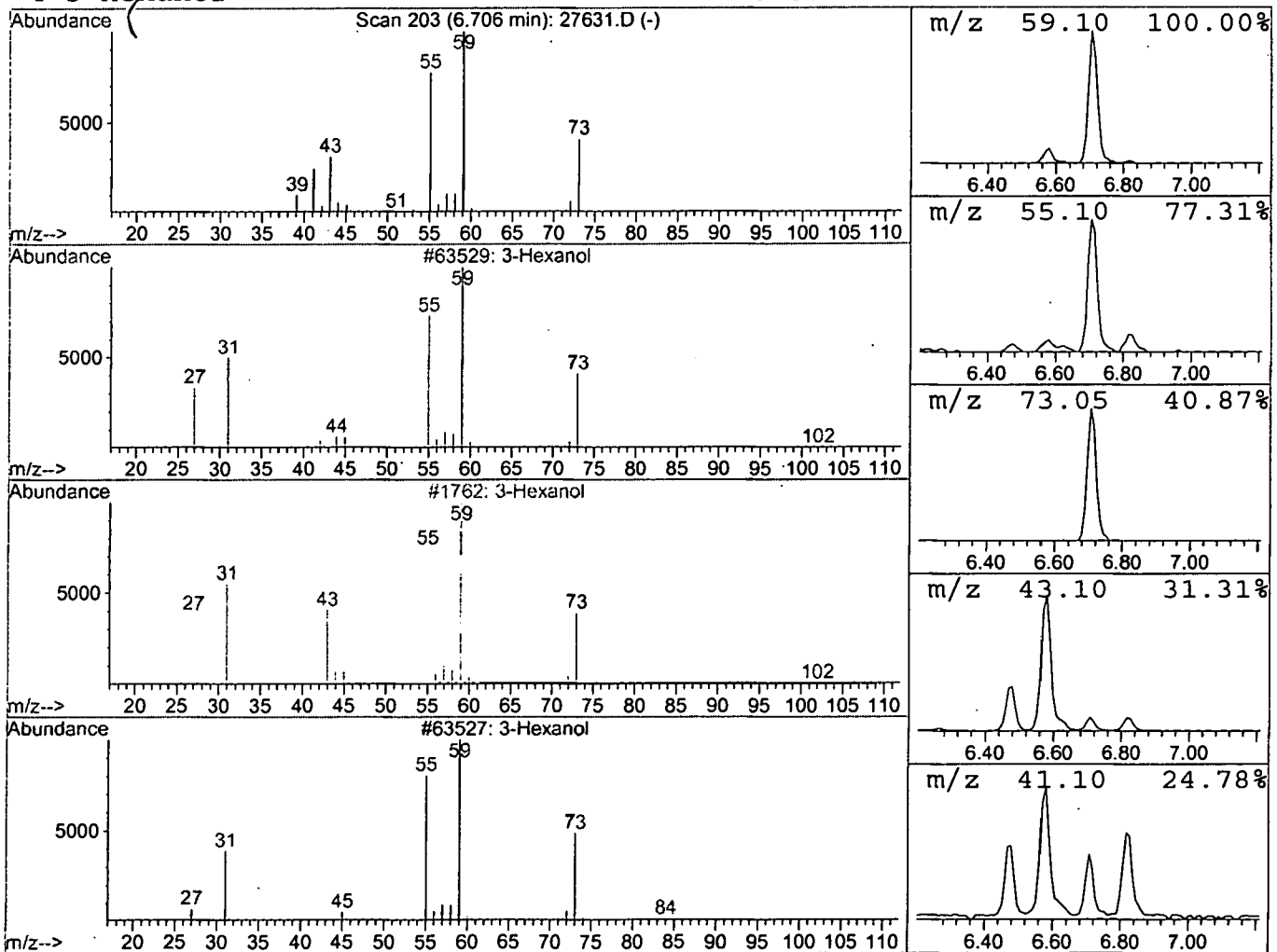
Vial: 19
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	1.05 ng/uL	283279	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	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27631.D
 Acq On : 20 Dec 2001 2:19 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

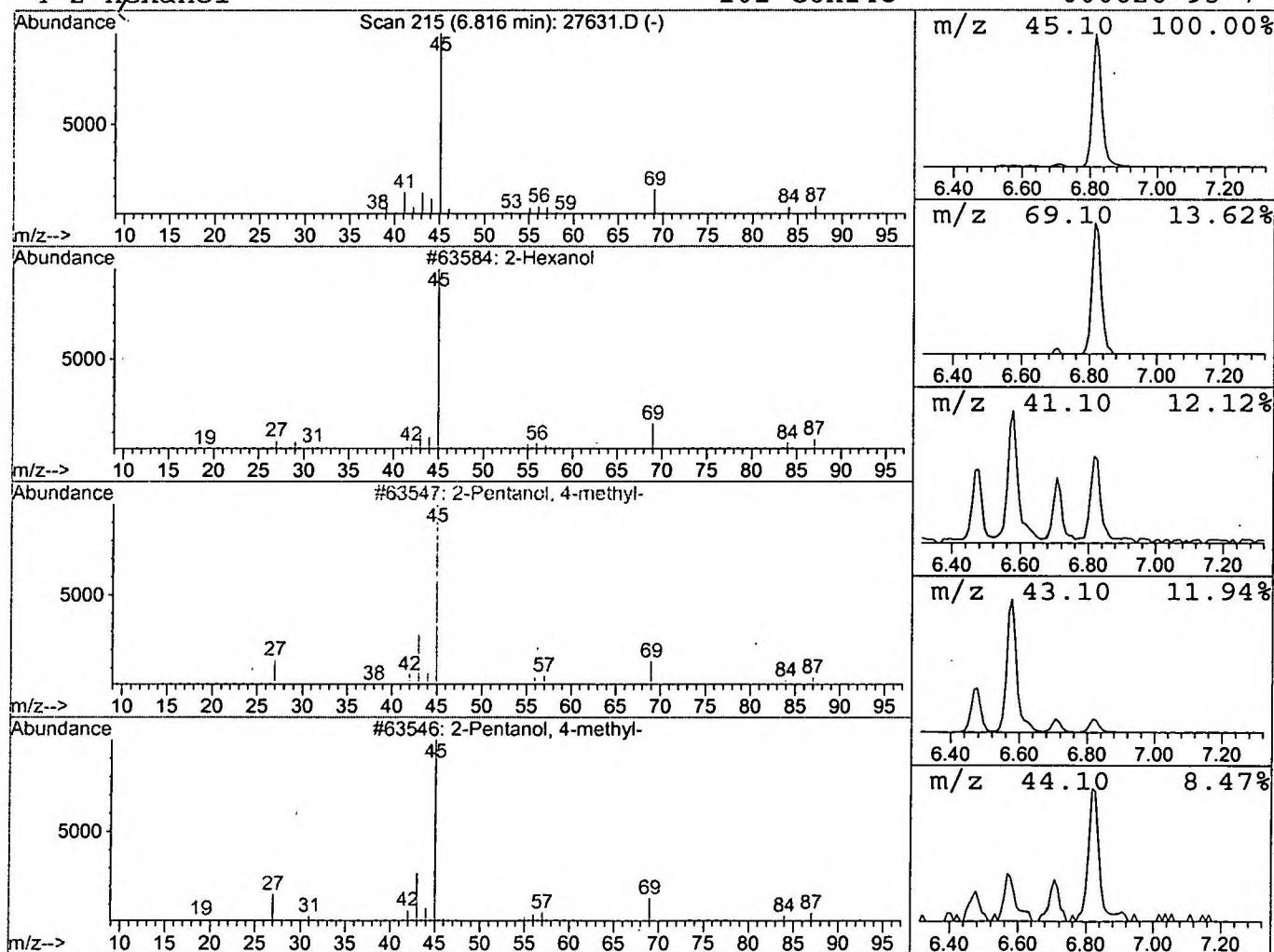
Vial: 19
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	1.59 ng/uL	426332	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-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
3			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
4			2-Hexanol	102	C6H14O	000626-93-7	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27631.D
 Acq On : 20 Dec 2001 2:19 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

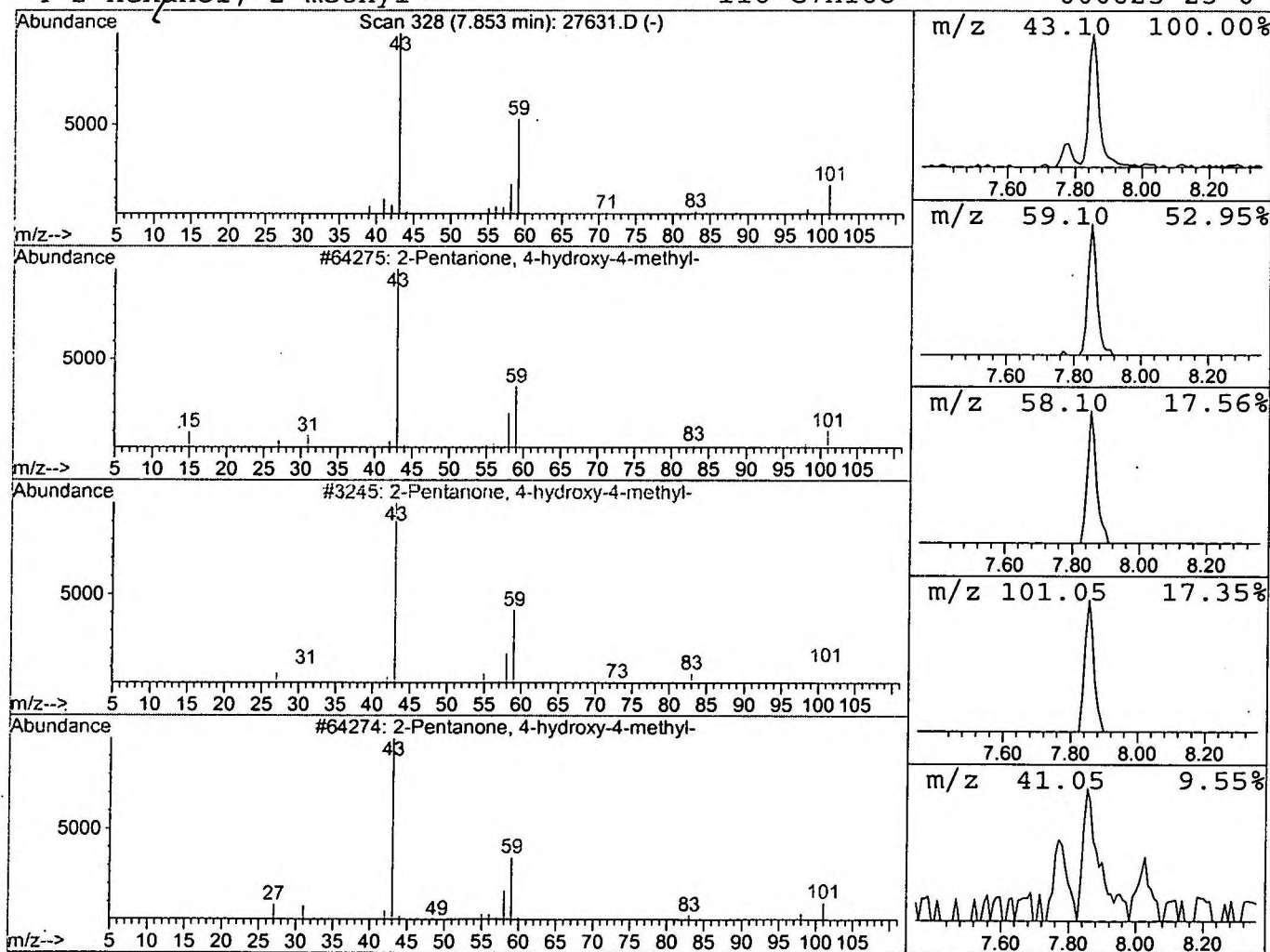
Vial: 19
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	0.72 ng/uL	193409	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	64	
2	2-Pentanone,	4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64	
3	2-Pentanone,	4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50	
4	2-Hexanol,	2-methyl-	116	C7H16O	000625-23-0	28	



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 2:19 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\27631.D
Name: gcms unknown 11/16
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	6.48	1.2	ng/uL	332551	ISTD01	11.87	5374710	20.0
2-Hexanone	6.58	2.6	ng/uL	694470	ISTD01	11.87	5374710	20.0
3-Hexanol	6.71	1.1	ng/uL	283279	ISTD01	11.87	5374710	20.0
2-Hexanol	6.82	1.6	ng/uL	426332	ISTD01	11.87	5374710	20.0
2-Pentanone, 4-hydro	7.85	0.7	ng/uL	193409	ISTD01	11.87	5374710	20.0

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