

Jser: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:43:57

Sample: AD27638
 Analysis: \$GCMS GCMS Scan For Unknowns
 Juits: ug
 Started: 1/3/02 14:41 Ended: 1/3/02 14:41 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 AD27638 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-03-2002 Time: 14:44:07

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\27638.D
 Acq On : 20 Dec 2001 4:09 pm
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 21 8:45 2001

Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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	919105	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.47	136	3611269	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.75	164	1590524	20.00	ng/uL	-0.08
49) Phenanthrene-d10	25.16	188	2359415m	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	1541664	20.00	ng/uL	-0.08
68) Perylene-d12	37.25	264	795868	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	400	0.01	ng/uL	0.44
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	12.00	152	887	0.02	ng/uL	-0.46
Spiked Amount	50.000	Range 26 - 73	Recovery	=	0.04%#	
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	1807	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

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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	21.19	65	(642)	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) Azobenzene/ 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	4274 ✓	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		

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27638.D NP112701.M

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(QT Reviewed)

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Vial: 21

Acq On : 20 Dec 2001 4:09 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 8:45 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	3244 ✓	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	7724 ✓	N.D.		
67) Chrysene	33.16	228	3244 ✓	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	37.24	252	2875 ✓	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

27638.D NP112701.M

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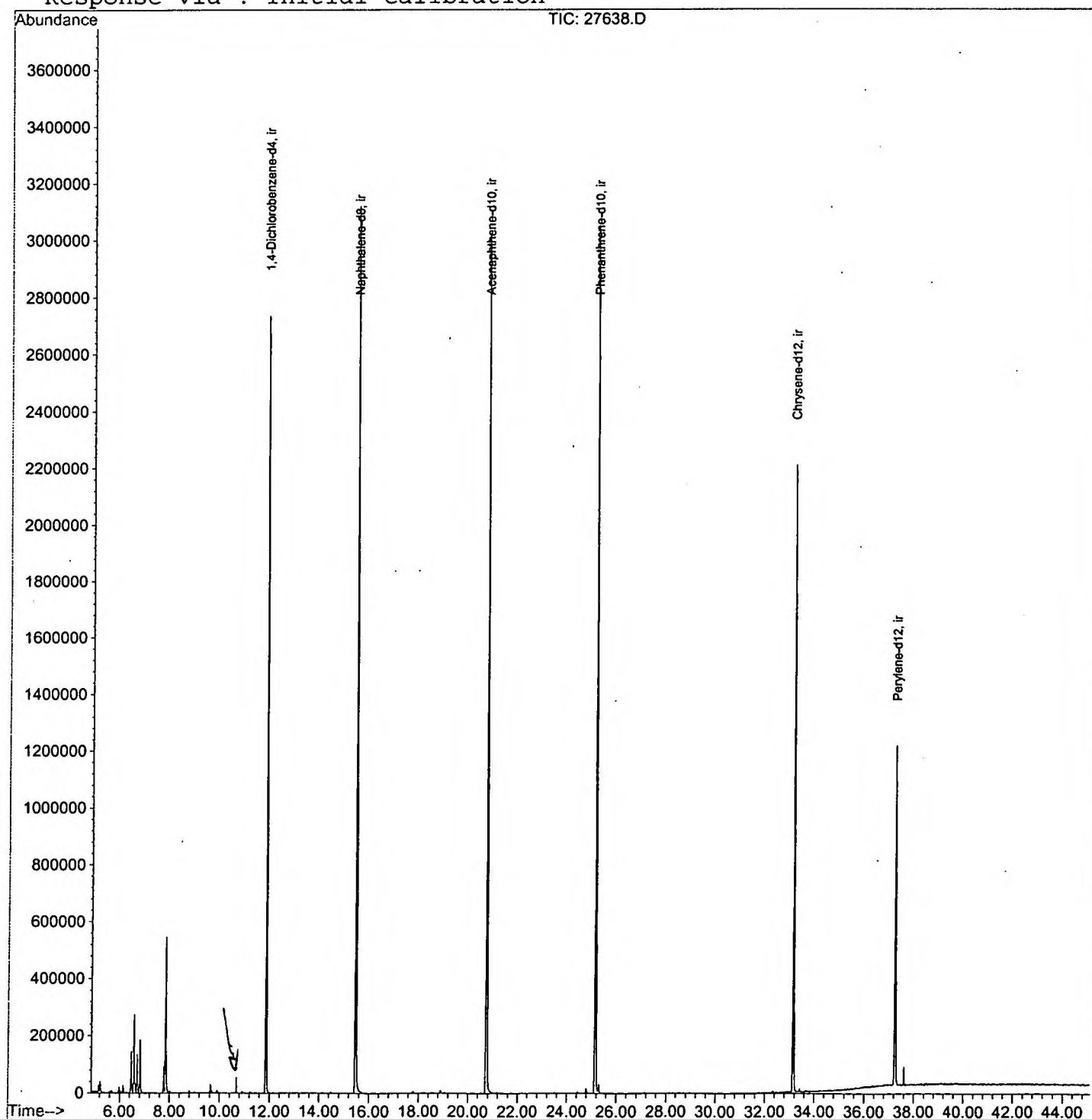
Quantitation Report

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 Operator: GALOS
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 Multiplr: 1.00

Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27638.D

Vial: 21

Acq On : 20 Dec 2001 4:09 pm

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

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	6.476	170	178	183	rBV	145882	289356	3.93%	0.760%
2	6.577	183	189	193	rBV	271821	529219	7.19%	1.391%
3	6.706	199	203	210	rVB	133577	236346	3.21%	0.621%
4	6.816	210	215	223	rBV	183275	353288	4.80%	0.928%
5	7.769	315	319	323	rBV	92617	167701	2.28%	0.441%
6	7.843	323	327	342	rVB	546290	1097735	14.91%	2.885%
7	11.859	760	765	777	rVB	2735527	5717330	77.64%	15.025%
8	15.472	1152	1159	1176	rBV	3121696	7364020	100.00%	19.352%
9	20.745	1727	1734	1761	rBV	3027298	7162231	97.26%	18.822%
10	25.165	2207	2216	2227	rBV2	3053104	6773424	91.98%	17.800%
11	33.161	3079	3088	3102	rBV2	2210550	5180872	70.35%	13.615%
12	37.251	3526	3534	3544	rVB2	1189893	3181511	43.20%	8.361%

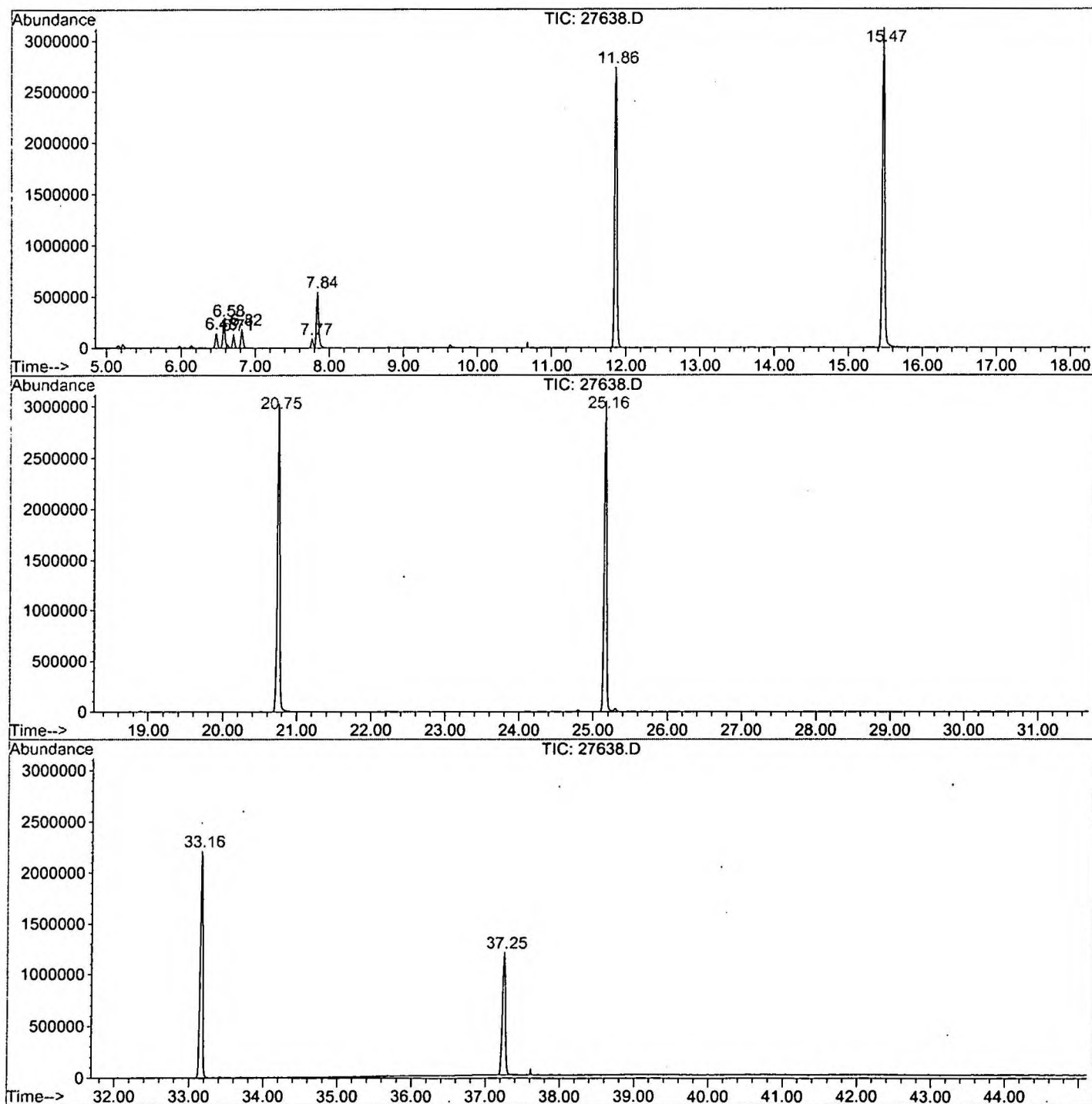
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27638.D NP112701.M

Fri Dec 21 09:20:55 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27638.D
 Operator : GALOS
 Acquired : 20 Dec 2001 4:09 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gcms unknown 11/16
 Misc Info :
 Vial Number: 21
 Quant File :NP112701.RES (RTE Integrator)



27638.D NP112701.M

Fri Dec 21 09:20:57 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27638.D
Acq On : 20 Dec 2001 4:09 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

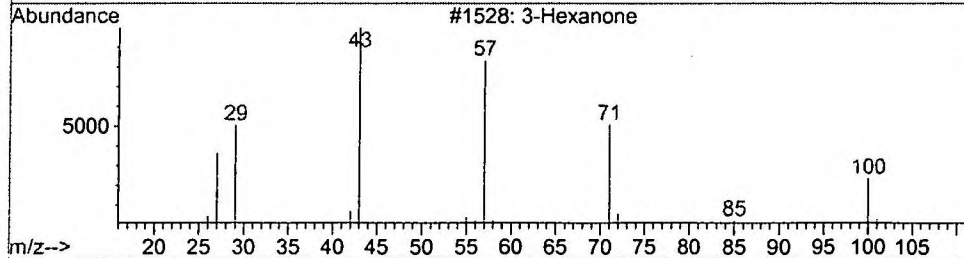
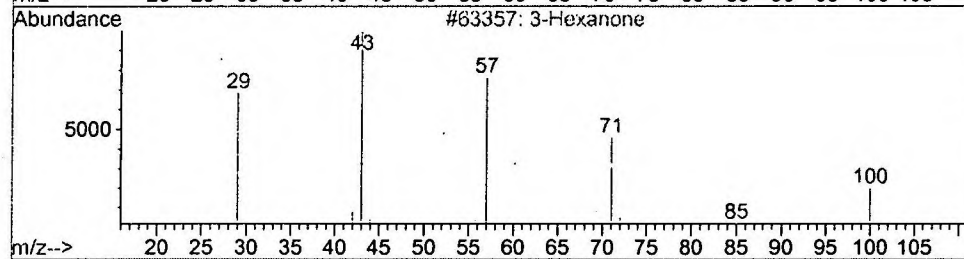
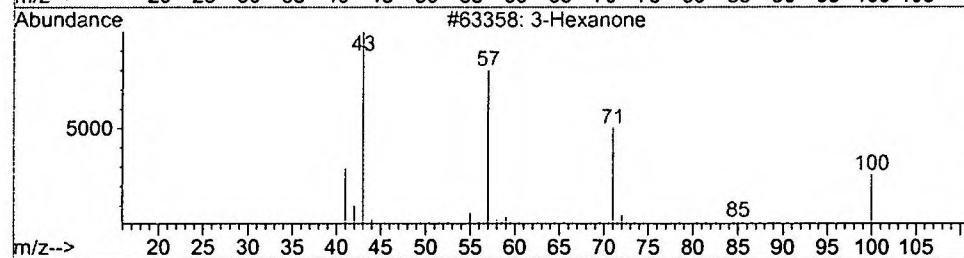
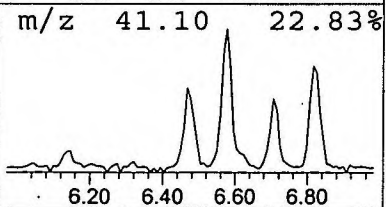
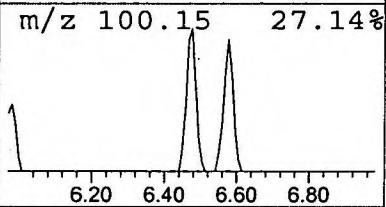
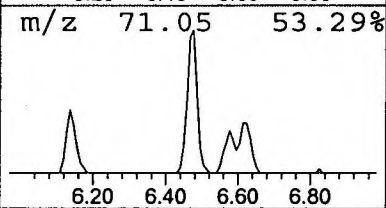
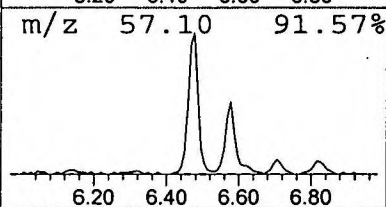
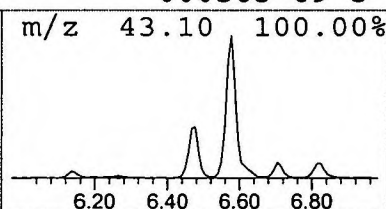
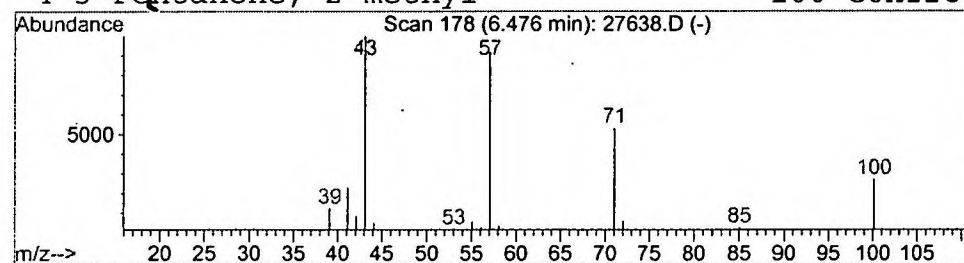
Vial: 21
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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.
6.48	1.01 ng/uL	289356	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	87
4		3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	47



Library Search Compound Report

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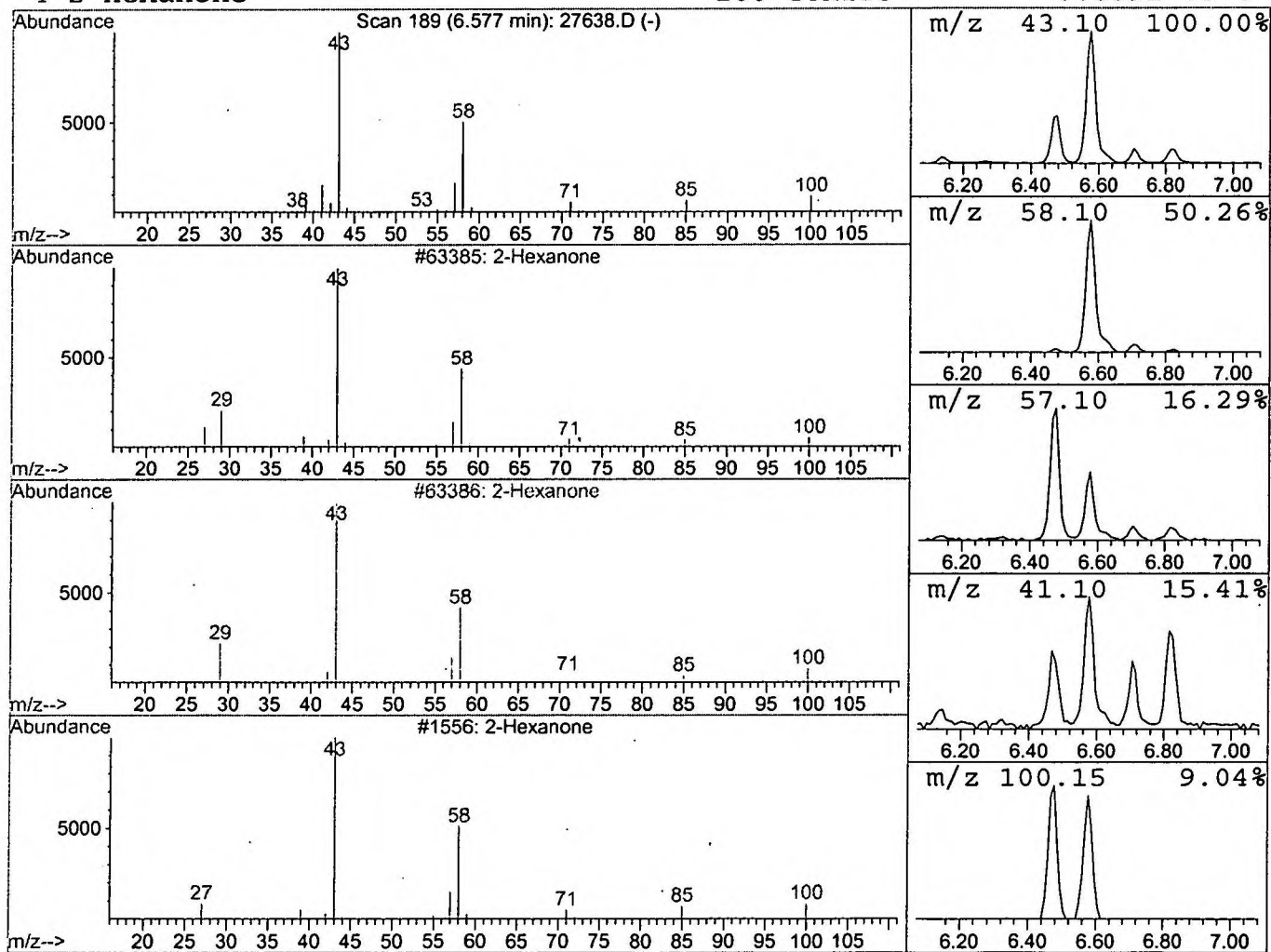
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Operator: GALOS
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Multiplr: 1.00

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Title : 208 625/TCLP calibration table
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Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	1.85 ng/uL	529219	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



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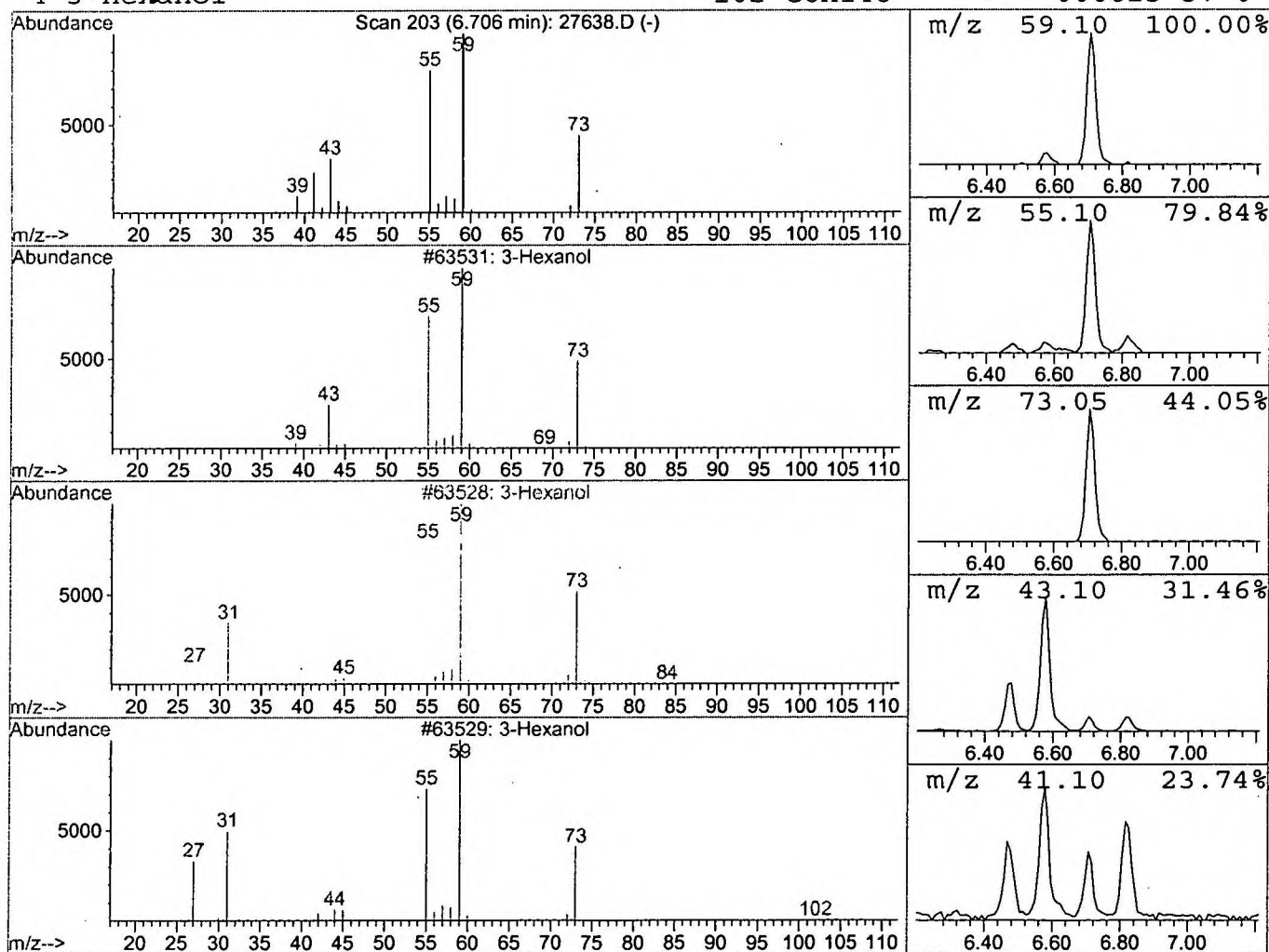
Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
6.71	0.83 ng/uL	236346	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	90
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



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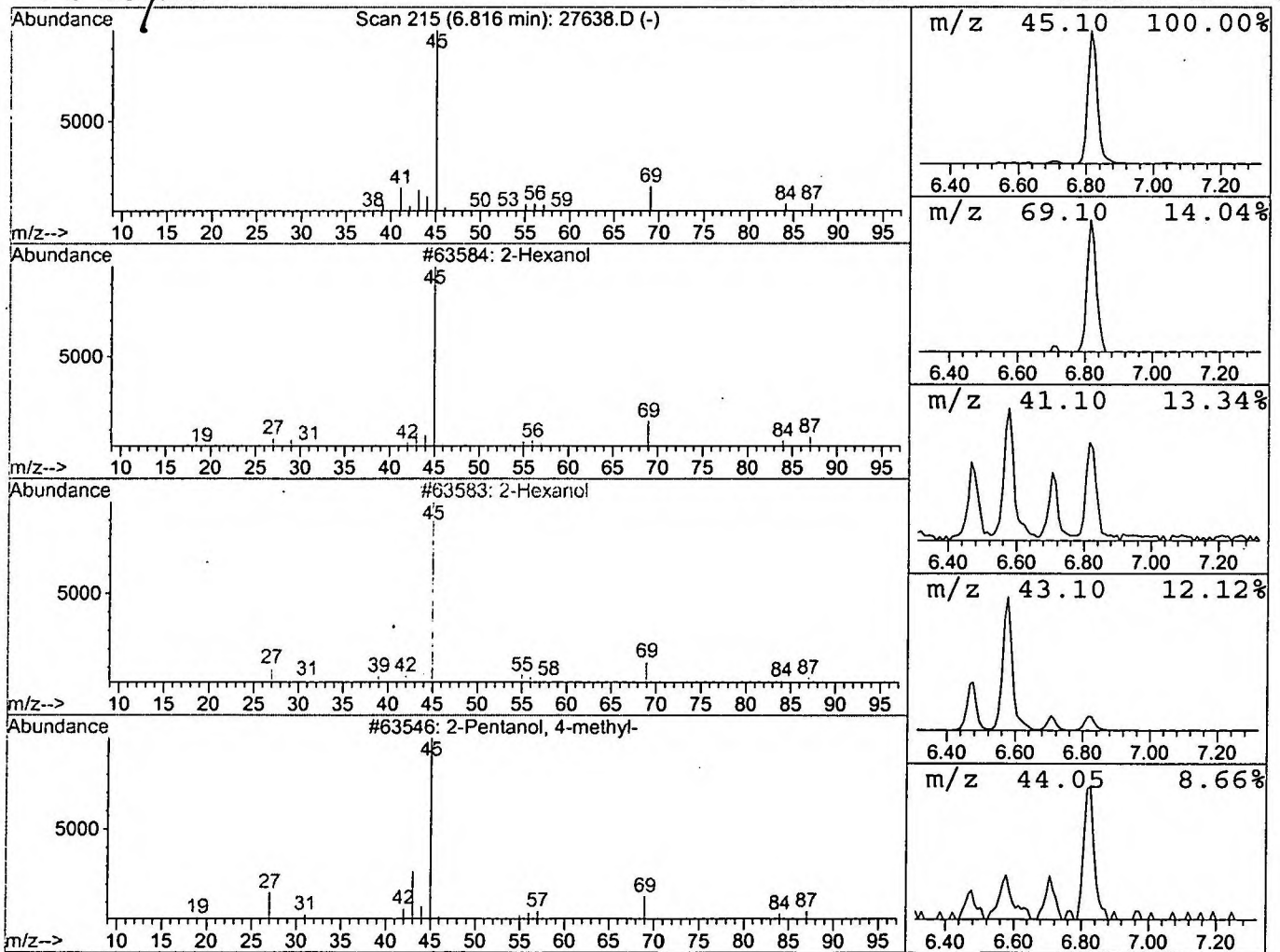
Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
6.82	1.24 ng/uL	353288	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	74
3	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	74
4	2-Hexanol		102	C6H14O	000626-93-7	64



Library Search Compound Report

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Misc :
MS Integration Params: LSCINT.P

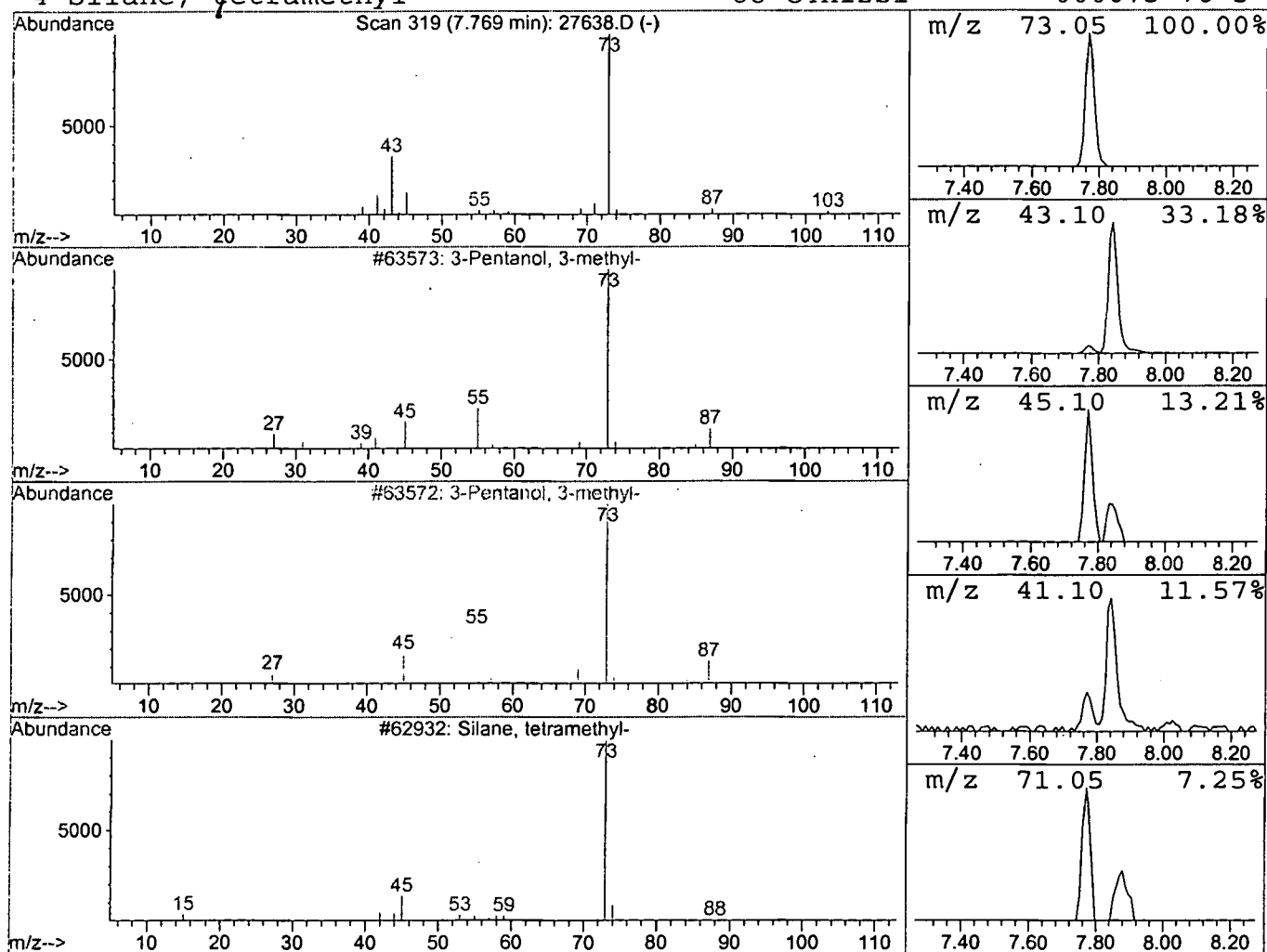
Vial: 21
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 5 3-Pentanol, 3-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	0.59 ng/uL	167701	1,4-Dichlorobenzene-d4	11.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	28
4			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



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 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

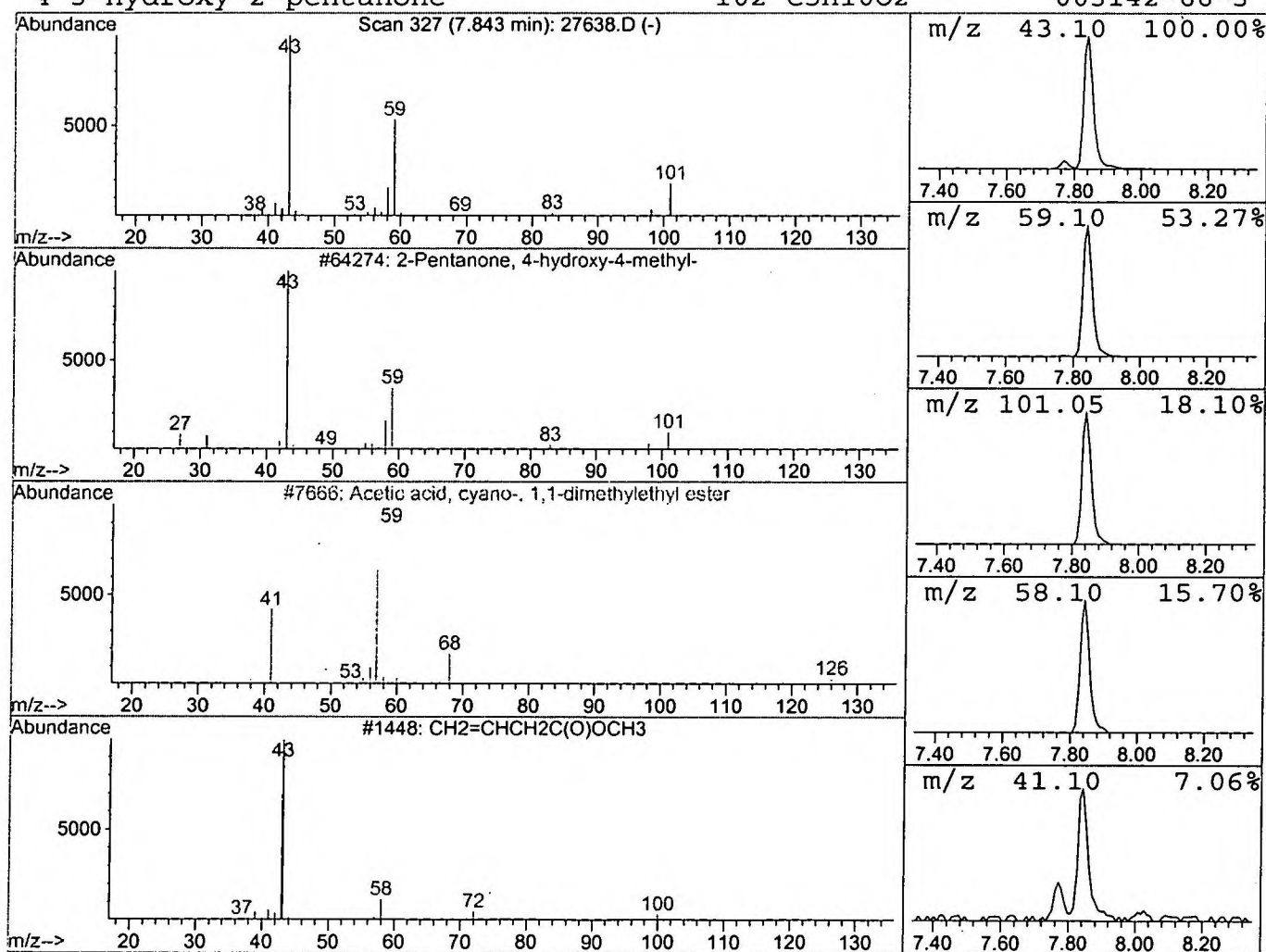
Vial: 21
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 6 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.84 ng/uL	1097740	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	36
2			Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23
3			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 4:09 pm
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 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	1.0	ng/uL	289356	ISTD01	11.87	5717330	20.0
2-Hexanone	6.58	1.9	ng/uL	529219	ISTD01	11.87	5717330	20.0
3-Hexanol	6.71	0.8	ng/uL	236346	ISTD01	11.87	5717330	20.0
2-Hexanol	6.82	1.2	ng/uL	353288	ISTD01	11.87	5717330	20.0
3-Pentanol, 3-methyl	7.77	0.6	ng/uL	167701	ISTD01	11.87	5717330	20.0
2-Pentanone, 4-hydro	7.84	3.8	ng/uL	1097740	ISTD01	11.87	5717330	20.0

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