User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:46:21

Sample: AD27623
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 13:42 Ended: 1/3/02 13:42 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 AD27623 - Analysis $GCMS

Vesichester Dept. of Labs & Research
User: Galos, Marie
Date: 01-03-2002 Time: 13:46:39

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\27623.D Vial: 14
Acq On : 20 Dec 2001 7:47 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:20 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	11.86	152	1003925	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	4020445	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	1760634	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.17	188	2653867m	20.00	ng/uL	-0.07
59) Chrysene-d12	33.17	240	1805276	20.00	ng/uL	-0.07
68) Perylene-d12	37.26	264	928153	20.00	ng/uL	-0.08
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	714	0.01	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.04	152	342	0.01	ng/uL	-0.42
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	1962	0.02	ng/uL	0.06
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	5.02	79	632	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27623.D Vial: 14
Acq On : 20 Dec 2001 7:47 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
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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	22.24	149	317	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	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27623.D Vial: 14
Acq On : 20 Dec 2001 7:47 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:20 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

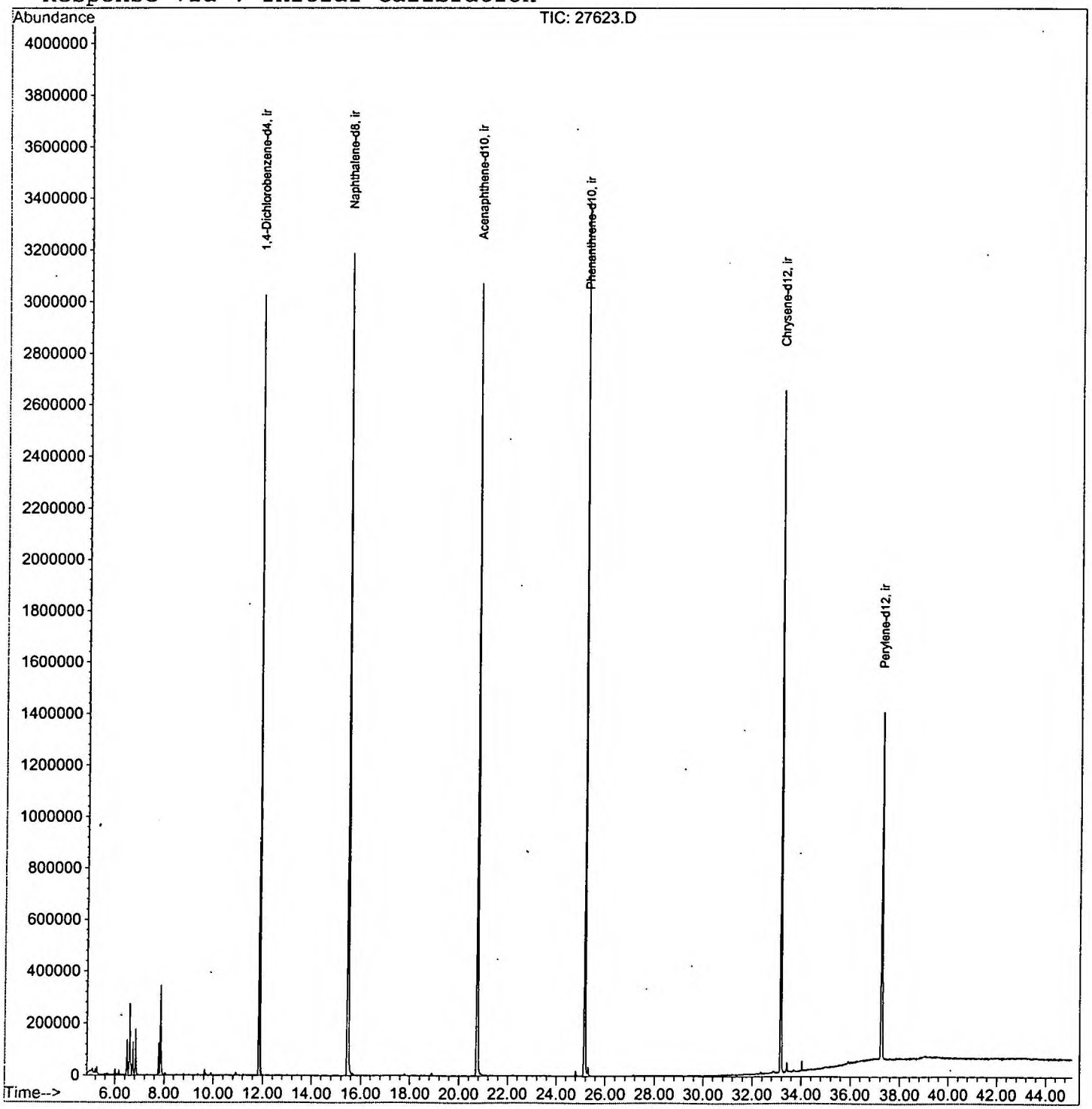
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.17	228	4077	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.42	149	21950	N.D.	
67)	Chrysene	33.17	228	4077	N.D.	
69)	Di-n-Octylphthalate	35.44	149	585	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	3716	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27623.D Vial: 14
Acq. On : 20 Dec 2001 7:47 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:20 2001 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\27623.D Vial: 14
Acq On : 20 Dec 2001 7:47 am 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

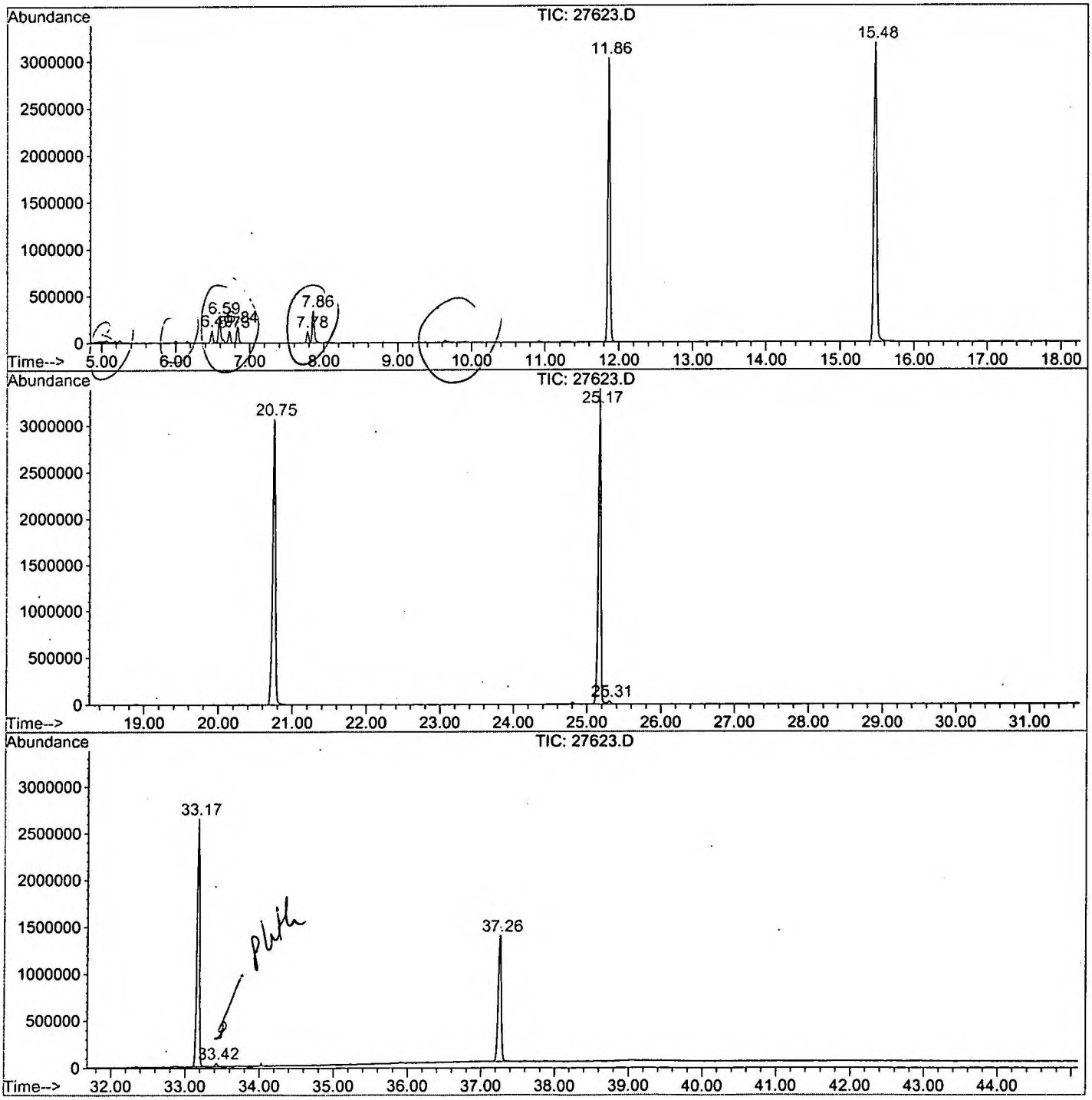
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.489	172	180	185	rBV	137252	272360	3.31%	0.641%
2	6.590	185	191	195	rBV	269914	536149	6.52%	1.261%
3	6.728	201	206	210	rVB	126113	242650	2.95%	0.571%
4	6.838	212	218	224	rBV	176047	351384	4.27%	0.827%
5	7.782	316	321	325	rBV	124852	232659	2.83%	0.547%
6	7.856	325	329	339	rVB	342319	679011	8.25%	1.597%
7	11.863	760	766	776	rBV	3024529	6249457	75.97%	14.702%
8	15.476	1152	1160	1177	rBV	3187891	8226113	100.00%	19.352%
9	20.749	1727	1735	1749	rBV	3072311	7965965	96.84%	18.740%
10	25.169	2206	2217	2227	rBV2	3387141	7649577	92.99%	17.995%
11	25.306	2227	2232	2239	rVB	36207	92933	1.13%	0.219%
12	33.174	3083	3090	3100	rBV2	2643257	6139947	74.64%	14.444%
13	33.422	3112	3117	3123	rBV	38404	82933	1.01%	0.195%
14	37.255	3528	3535	3547	rVB2	1343507	3787543	46.04%	8.910%

Sum of corrected areas: 42508681

27623.D NP112701.M Thu Dec 20 11:39:01 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27623.D
Operator : GALOS
Acquired : 20 Dec 2001 7:47 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 14
Quant File :NP112701.RES (RTE Integrator)



27623.D NP112701.M Thu Dec 20 11:39:03 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27623.D
Acq On : 20 Dec 2001 7:47 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

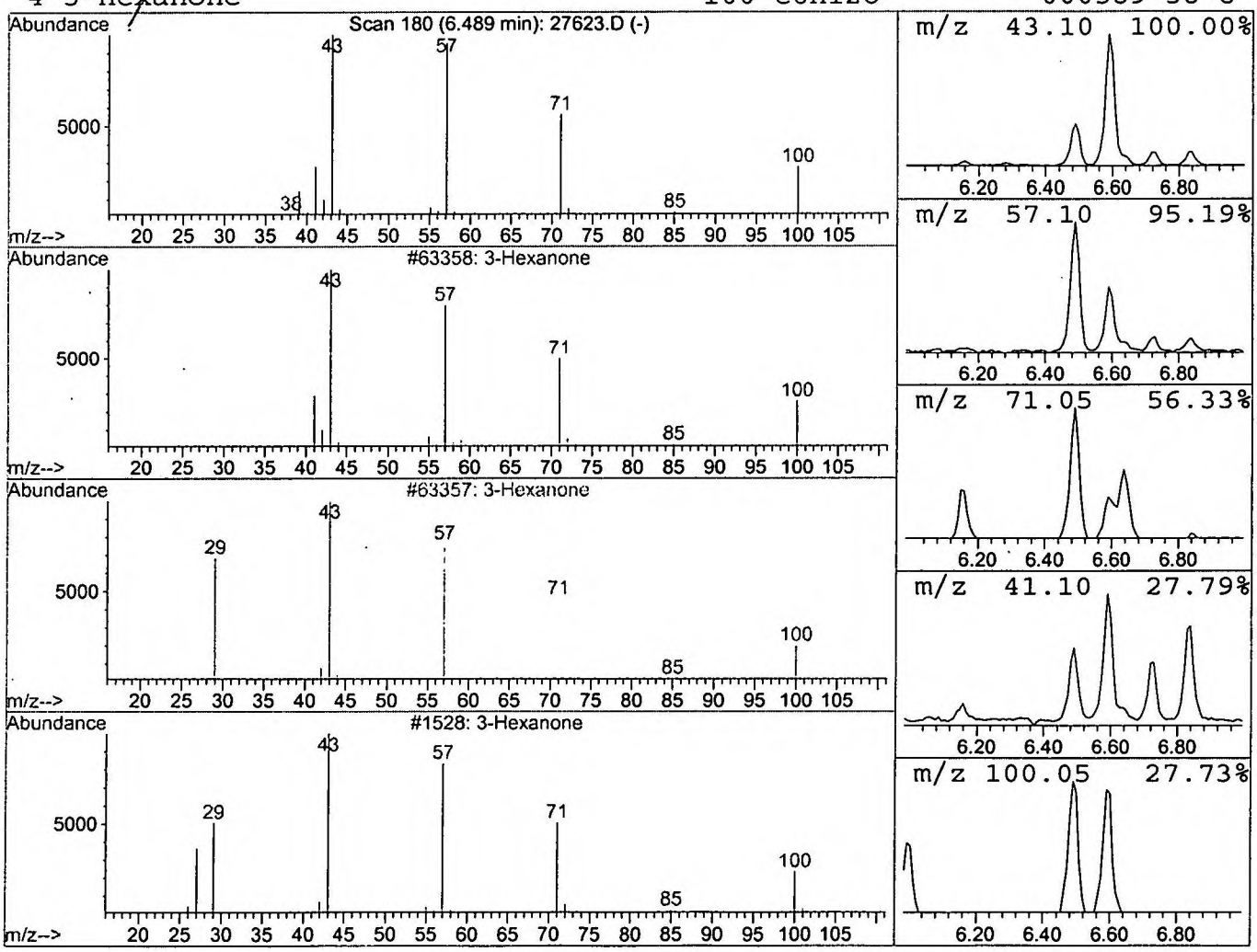
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	0.87 ng/uL	272360	1,4-Dichlorobenzene-d4	11.86

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	91
4	3-Hexanone	100	C6H12O	000589-38-8	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27623.D
Acq On : 20 Dec 2001 7:47 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

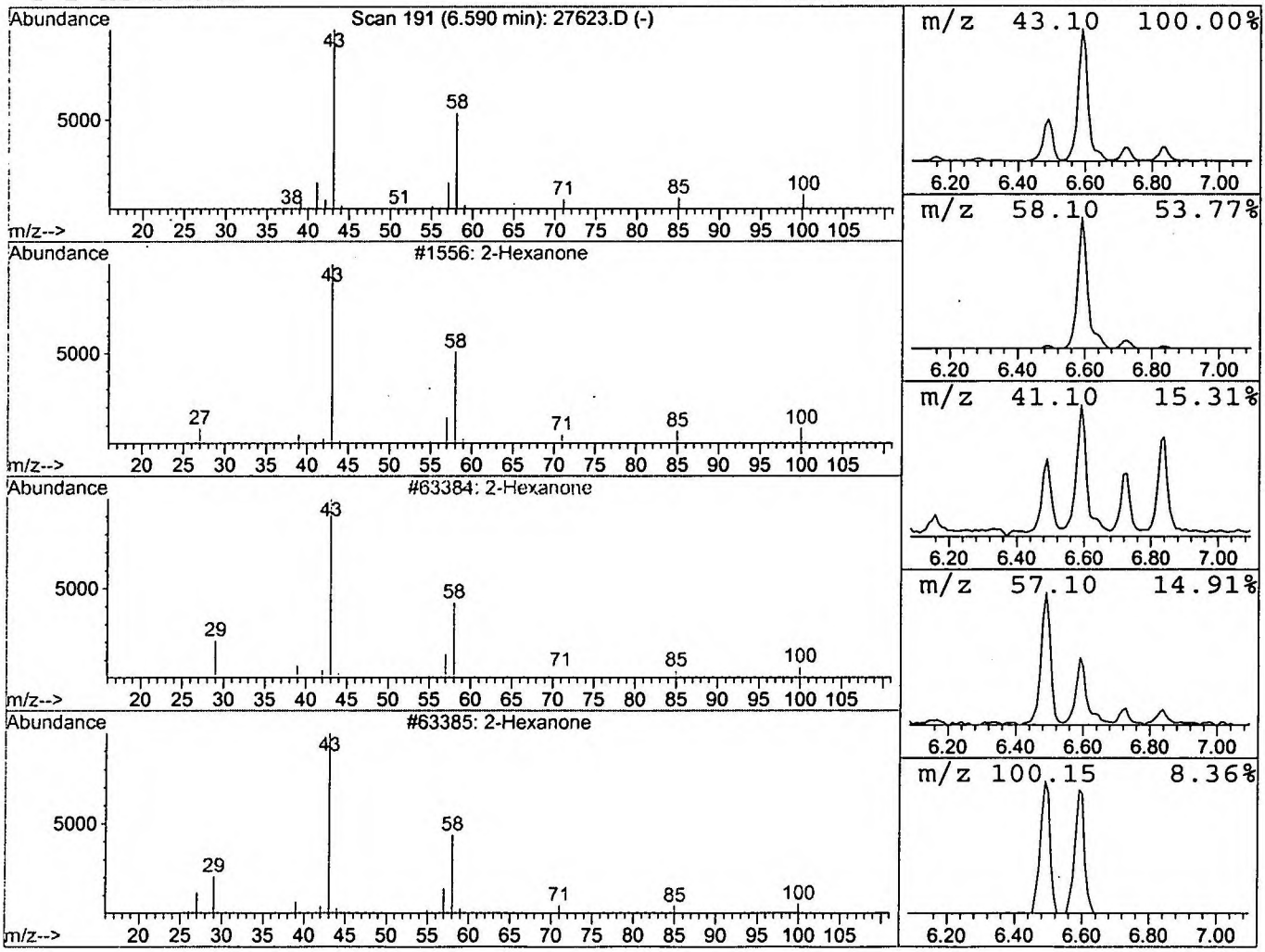
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	1.72 ng/uL	536149	1,4-Dichlorobenzene-d4	11.86

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\27623.D
Acq On : 20 Dec 2001 7:47 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

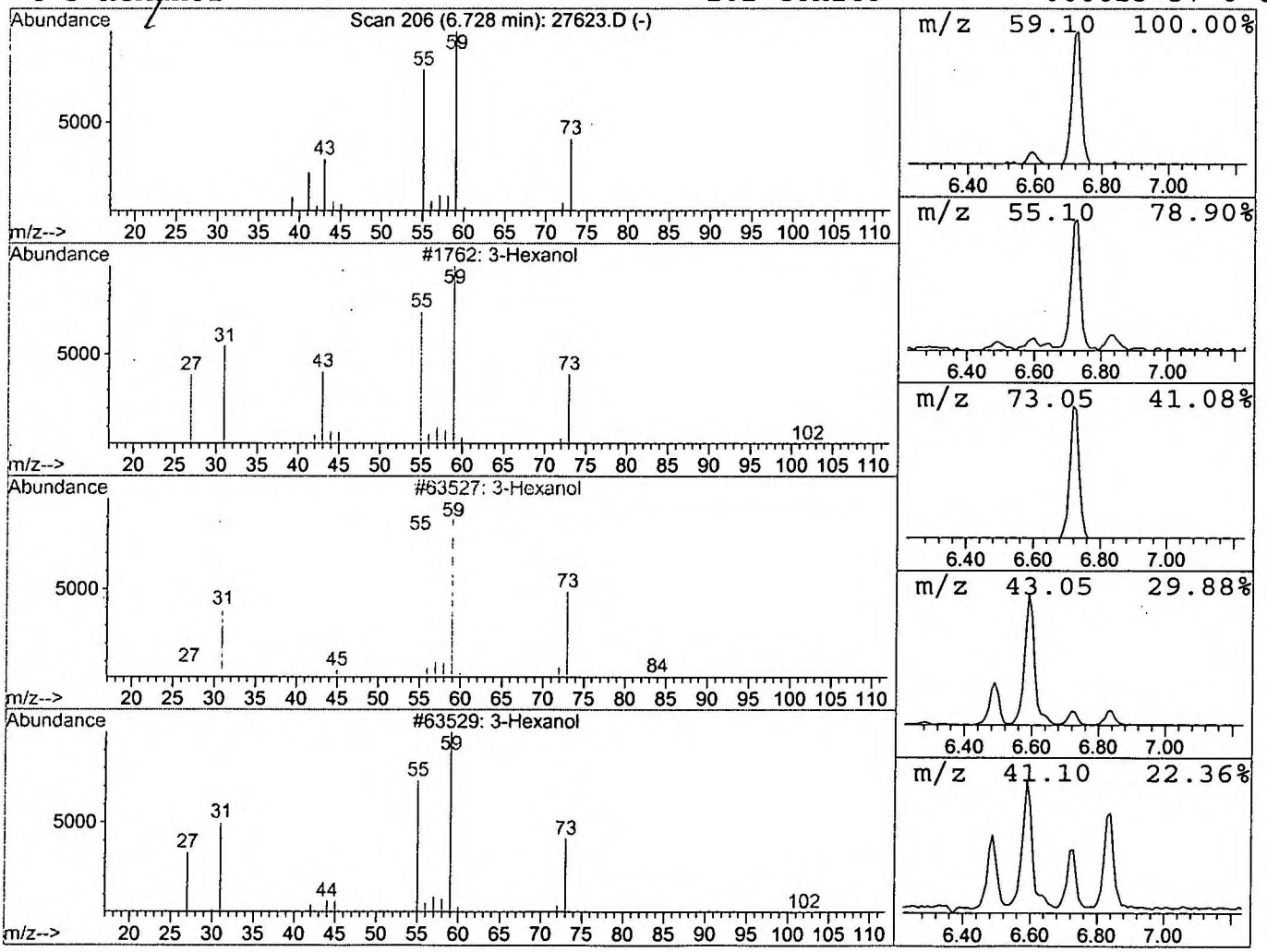
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.78 ng/uL	242650	1,4-Dichlorobenzene-d4	11.86

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\27623.D
Acq On : 20 Dec 2001 7:47 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

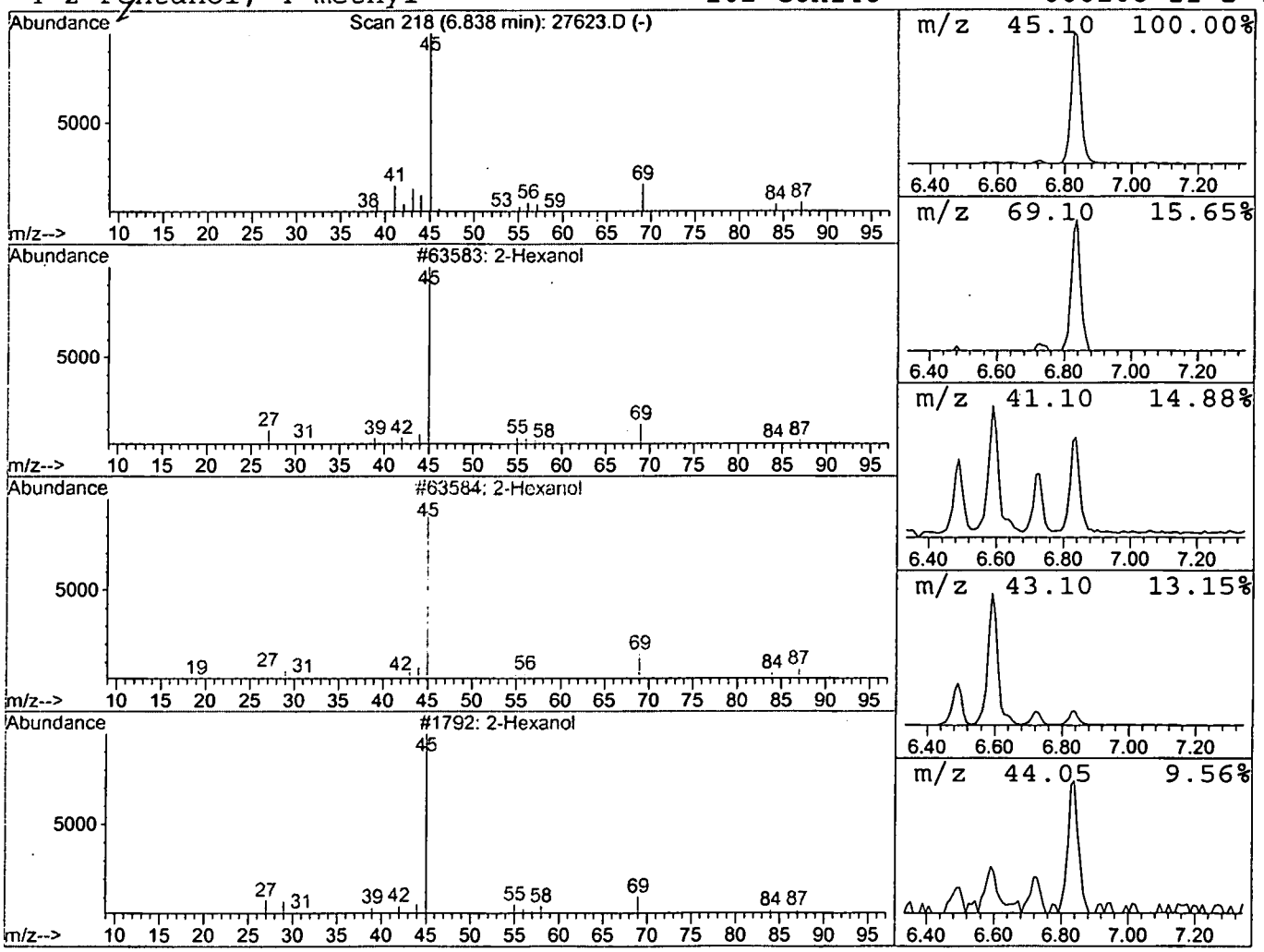
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	1.12 ng/uL	351384	1,4-Dichlorobenzene-d4	11.86

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	74



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27623.D Vial: 14
Acq On : 20 Dec 2001 7:47 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

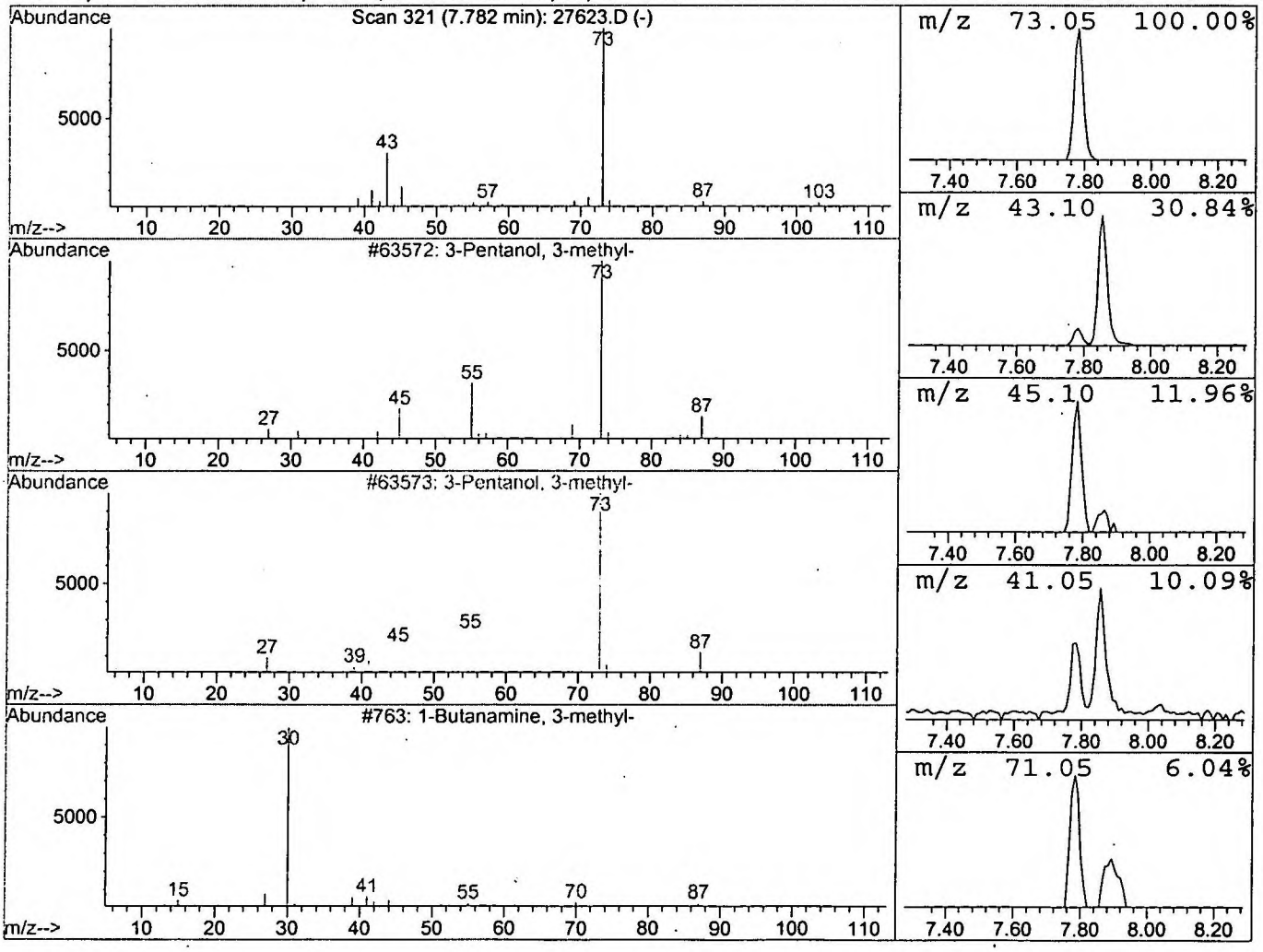
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	0.74 ng/uL	232659	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	36
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27623.D
Acq On : 20 Dec 2001 7:47 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

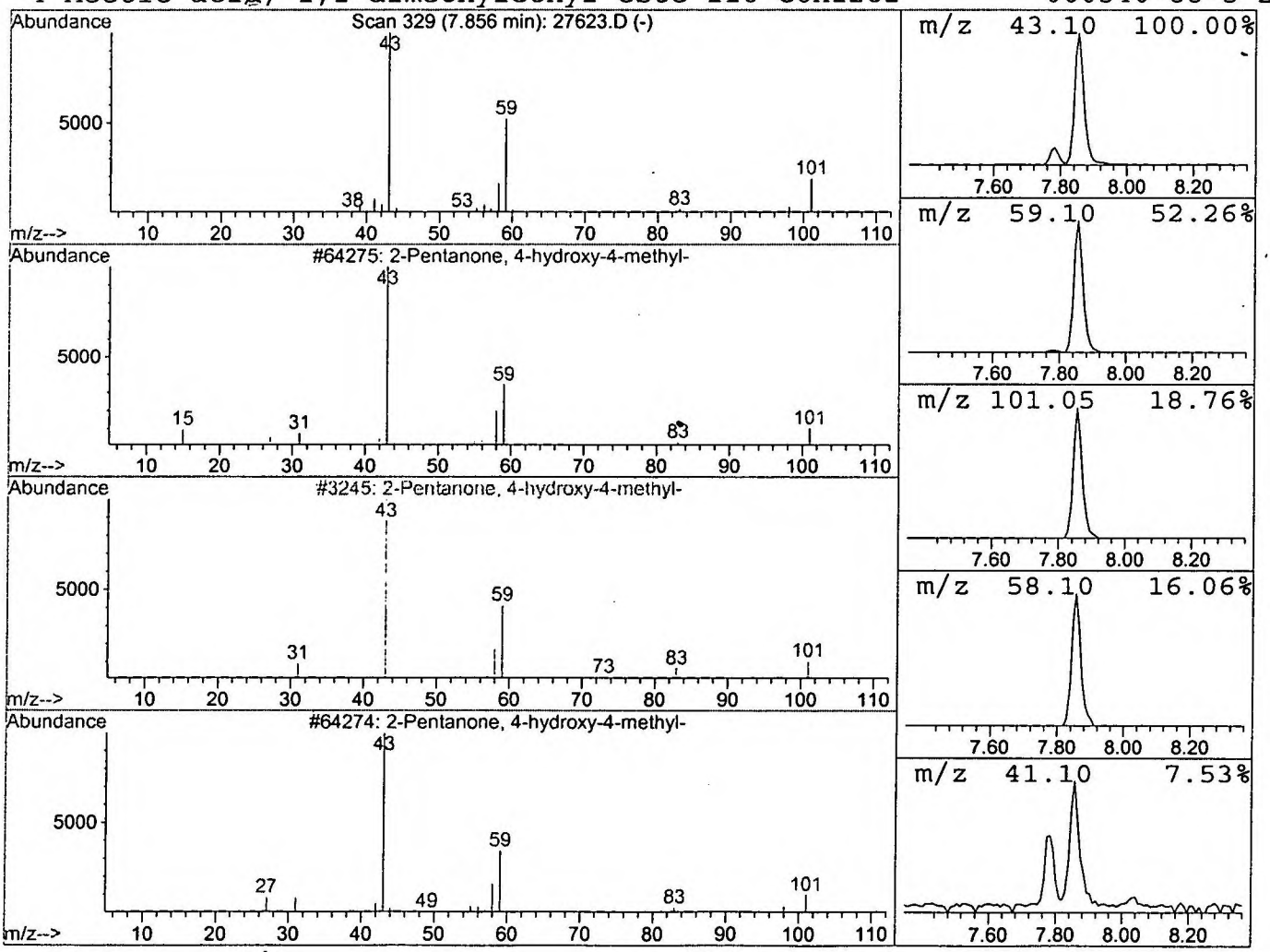
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.17 ng/uL	679011	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 7:47 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27623.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	6.49	0.9	ng/uL	272360	ISTD01	11.86	6249460	20.0
2-Hexanone	6.59	1.7	ng/uL	536149	ISTD01	11.86	6249460	20.0
3-Hexanol	6.73	0.8	ng/uL	242650	ISTD01	11.86	6249460	20.0
2-Hexanol	6.84	1.1	ng/uL	351384	ISTD01	11.86	6249460	20.0
3-Pentanol, 3-methyl	7.78	0.7	ng/uL	232659	ISTD01	11.86	6249460	20.0
2-Pentanone, 4-hydro	7.86	2.2	ng/uL	679011	ISTD01	11.86	6249460	20.0

27623.D NP112701.M Thu Dec 20 11:39:17 2001