User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 14:40:51

Sample: AD27769
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 14:39 Ended: 1/3/02 14:39 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 AD27769 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 01-03-2002 Time: 14:41:03

. 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\27769.D Vial: 12
Acq On : 20 Dec 2001 5:57 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 11:13 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	11.88	152	968516	20.00	ng/uL	-0.06
19) Naphthalene-d8	15.48	136	3831034	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.76	164	1698770	20.00	ng/uL	-0.06
49) Phenanthrene-d10	25.17	188	2475867m	20.00	ng/uL	-0.07
59) Chrysene-d12	33.18	240	1630252	20.00	ng/uL	-0.07
68) Perylene-d12	37.26	264	809027	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	11.88	132	698	0.01	ng/uL	0.45
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.01%#			
7) 1,2-Dichlorobenzene-d4	12.04	152	314	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	2401	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	5.18	79	311	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)

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Acq On : 20 Dec 2001 5:57 am Operator: GALOS
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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	21.19	65	1428	N.D.	
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
45) Diethylphthalate	22.25	149	355	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	25.17	178	285	N.D.	
56) Anthracene	25.17	178	285	N.D.	
57) Di-n-butylphthalate	27.15	149	11993	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27769.D Vial: 12
Acq On : 20 Dec 2001 5:57 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

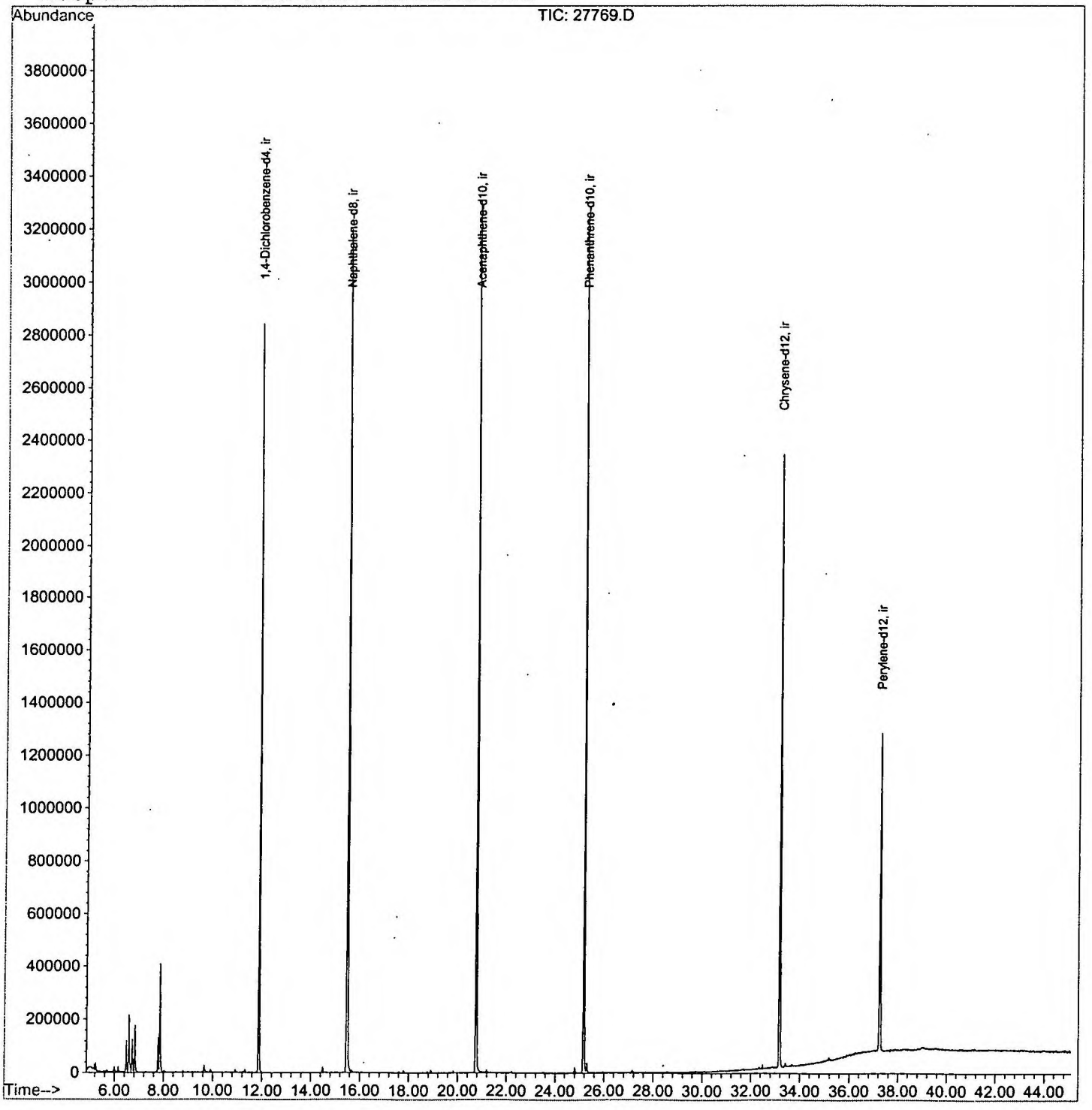
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	0.00	149	0	N.D.	
65) Benzo(a)anthracene	33.18	228	3277 /	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.42	149	10726 /	N.D.	
67) Chrysene	33.18	228	3277 /	N.D.	
69) Di-n-Octylphthalate	35.18	149	1324 /	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	3092 /	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\27769.D Vial: 12
Acq On : 20 Dec 2001 5:57 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 11:13 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\27769.D Vial: 12
Acq On : 20 Dec 2001 5:57 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

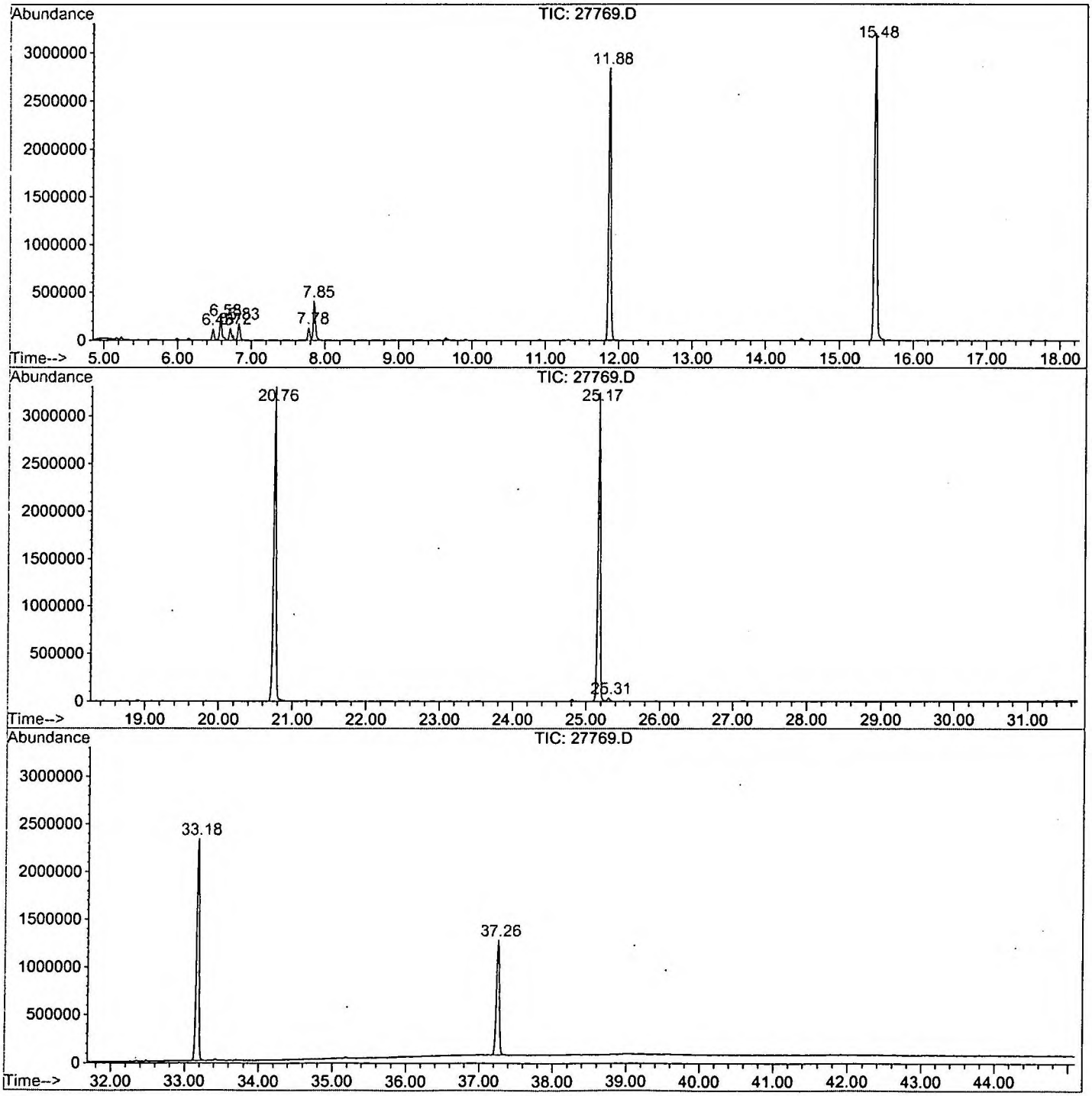
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.483	173	179	184	rBV	118656	225835	2.88%	0.568%
2	6.584	184	190	199	rVV	212898	463673	5.92%	1.166%
3	6.722	199	205	210	rVV2	124403	261057	3.33%	0.656%
4	6.832	211	217	225	rBV	174299	340018	4.34%	0.855%
5	7.776	316	320	324	rBV	131459	250181	3.19%	0.629%
6	7.850	324	328	340	rVB	407856	831265	10.61%	2.090%
7	11.875	761	767	775	rBV	2838935	5967087	76.14%	15.003%
8	15.479	1153	1160	1177	rBV	3198134	7836506	100.00%	19.704%
9	20.761	1727	1736	1752	rBV	3309246	7620737	97.25%	19.161%
10	25.172	2207	2217	2227	rBV2	3243730	7148637	91.22%	17.974%
11	25.309	2227	2232	2238	rVB	35537	83389	1.06%	0.210%
12	33.177	3082	3090	3101	rVB2	2324655	5484500	69.99%	13.790%
13	37.258	3528	3535	3544	rVB2	1199100	3258534	41.58%	8.193%

Sum of corrected areas: 39771419

27769.D NP112701.M Thu Dec 20 11:47:06 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27769.D
Operator : GALOS
Acquired : 20 Dec 2001 5:57 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 12
Quant File :NP112701.RES (RTE Integrator)



27769.D NP112701.M Thu Dec 20 11:47:08 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27769.D
Acq On : 20 Dec 2001 5:57 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

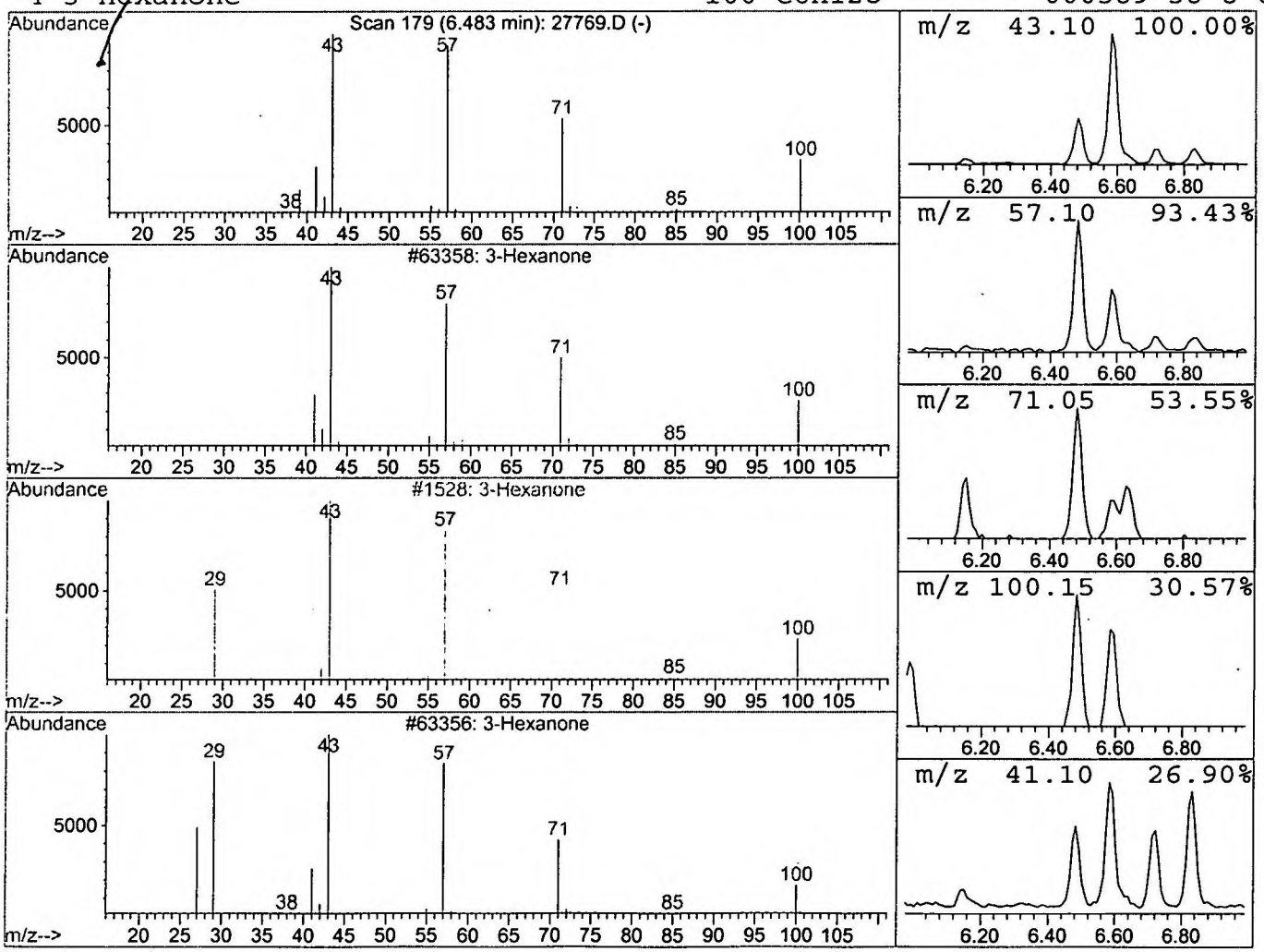
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.76 ng/uL	225835	1,4-Dichlorobenzene-d4	11.88

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	78
4	3-Hexanone	100	C6H12O	000589-38-8	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27769.D
Acq On : 20 Dec 2001 5:57 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

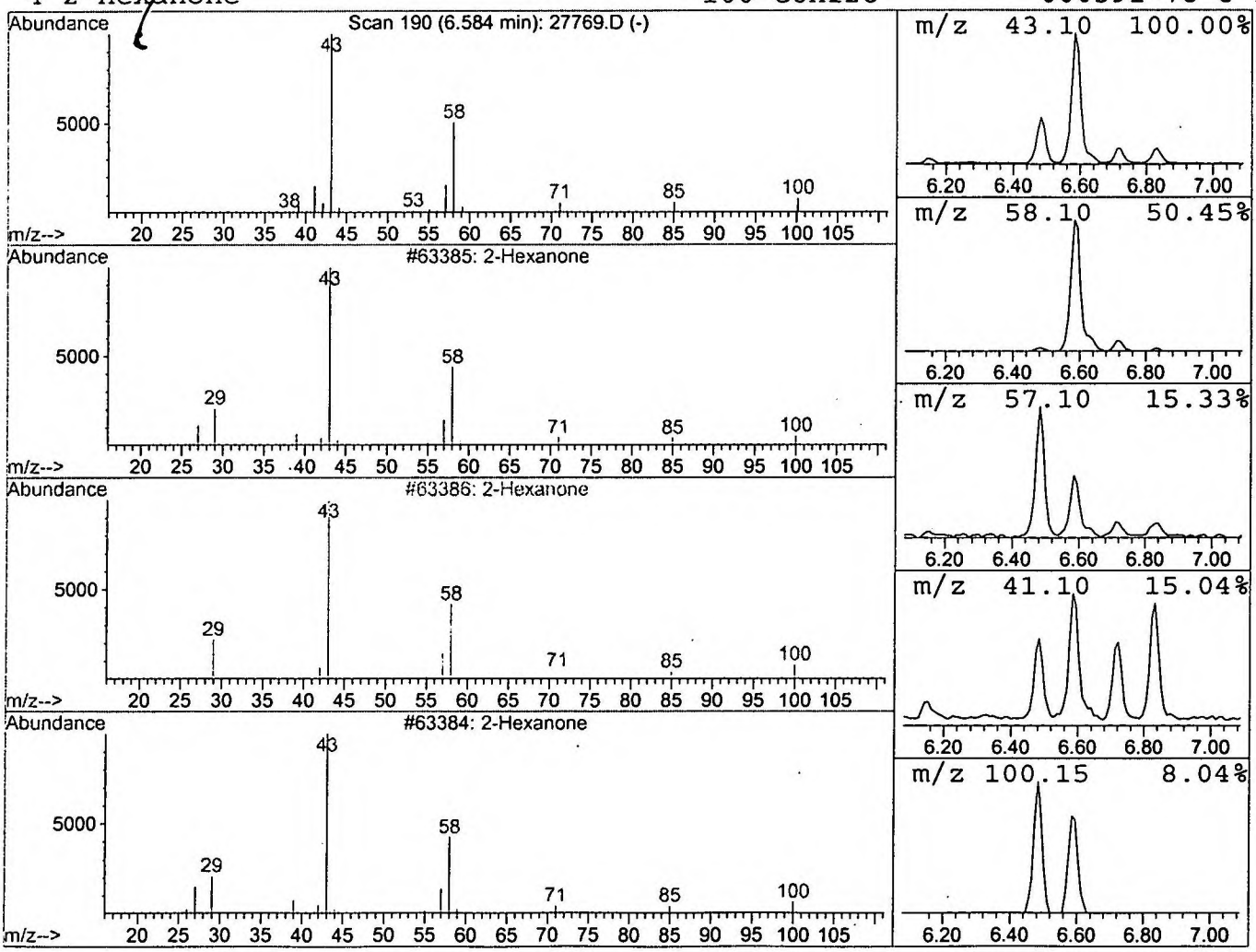
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	1.55 ng/uL	463673	1,4-Dichlorobenzene-d4	11.88

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\27769.D Vial: 12
Acq On : 20 Dec 2001 5:57 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

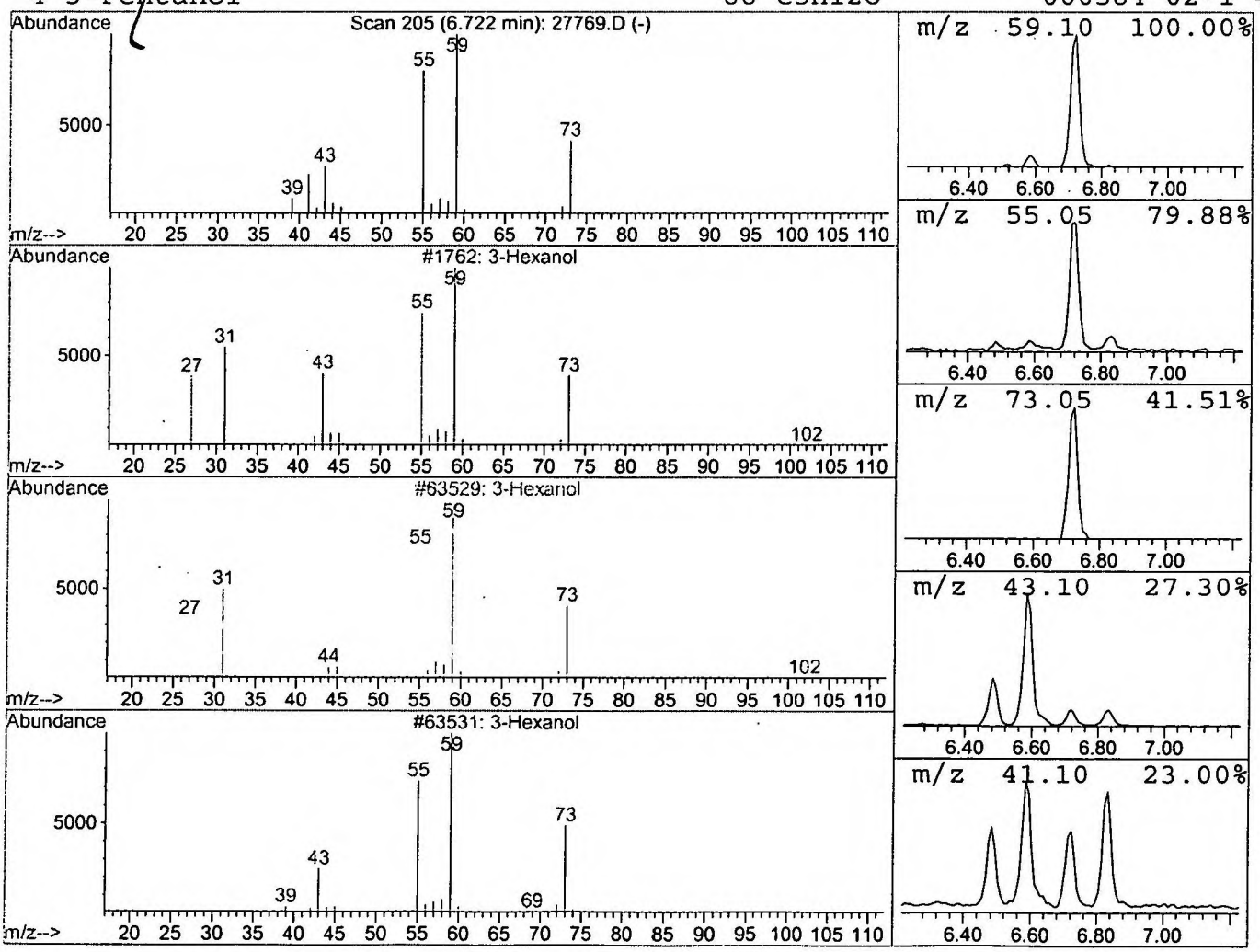
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	0.87 ng/uL	261057	1,4-Dichlorobenzene-d4	11.88

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-Pentanol	88	C5H12O	000584-02-1	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27769.D Vial: 12
Acq On : 20 Dec 2001 5:57 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

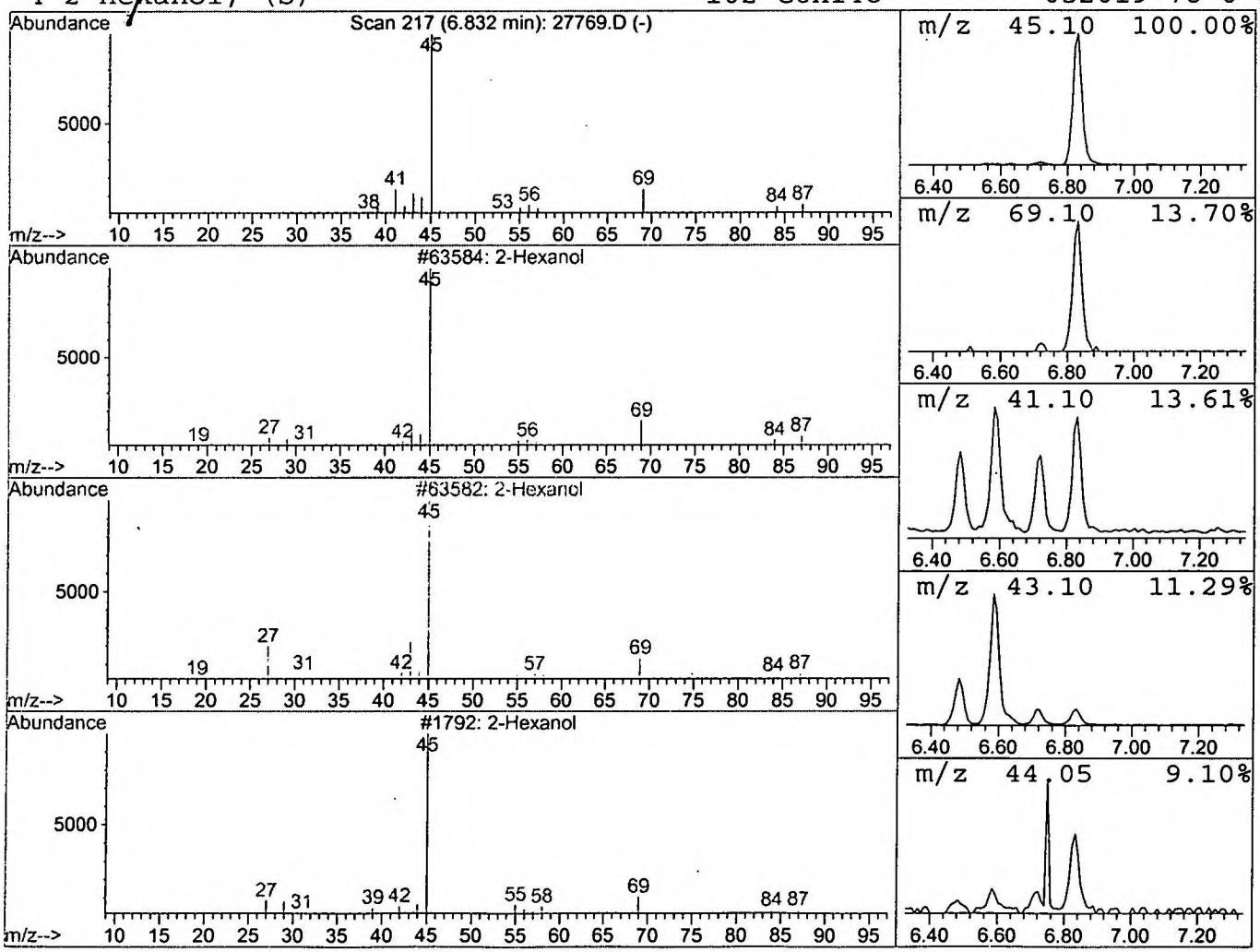
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	1.14 ng/uL	340018	1,4-Dichlorobenzene-d4	11.88

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-Hexanol	102	C6H14O	000626-93-7	74
4	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27769.D
Acq On : 20 Dec 2001 5:57 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

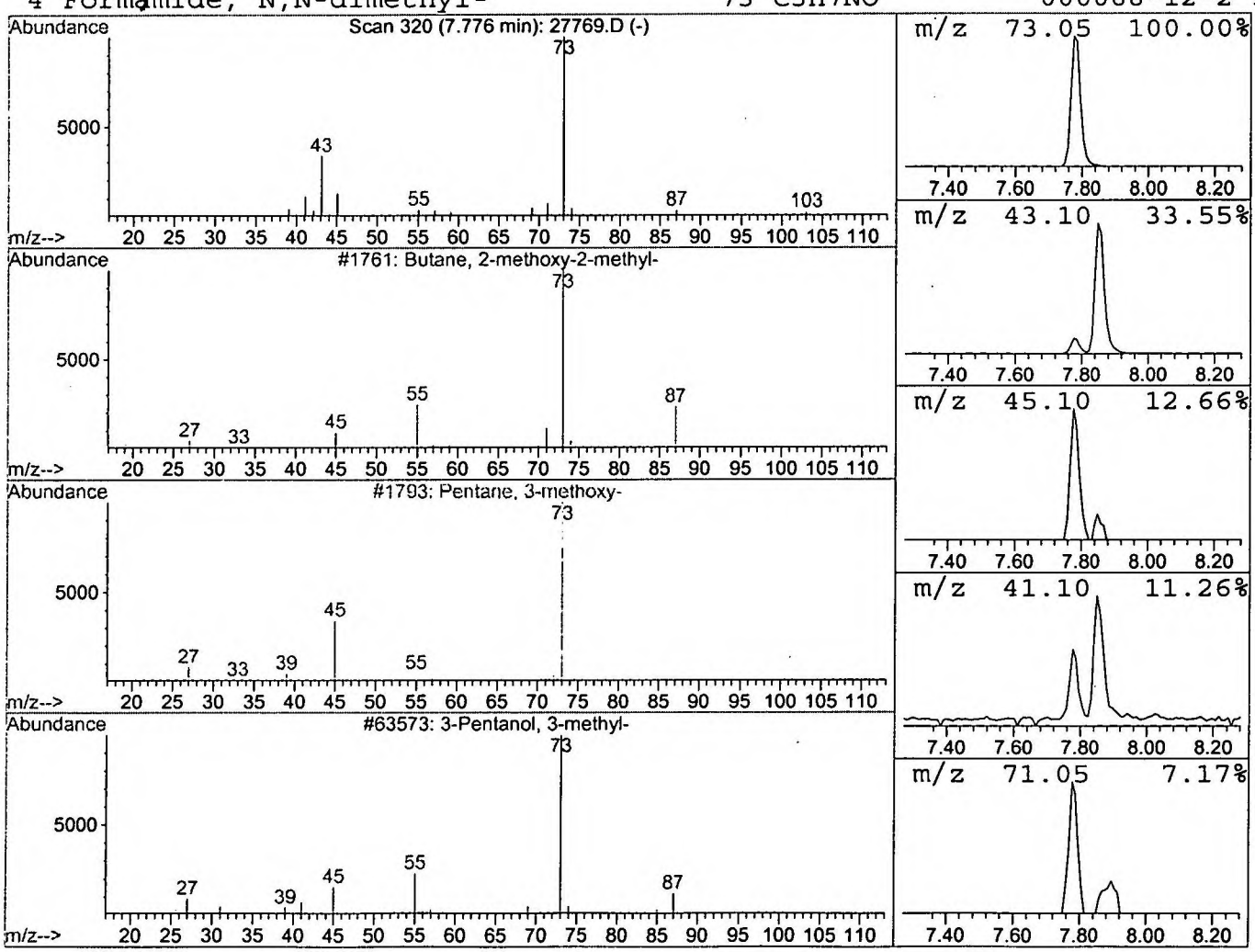
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	0.84 ng/uL	250181	1,4-Dichlorobenzene-d4	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27769.D
Acq On : 20 Dec 2001 5:57 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

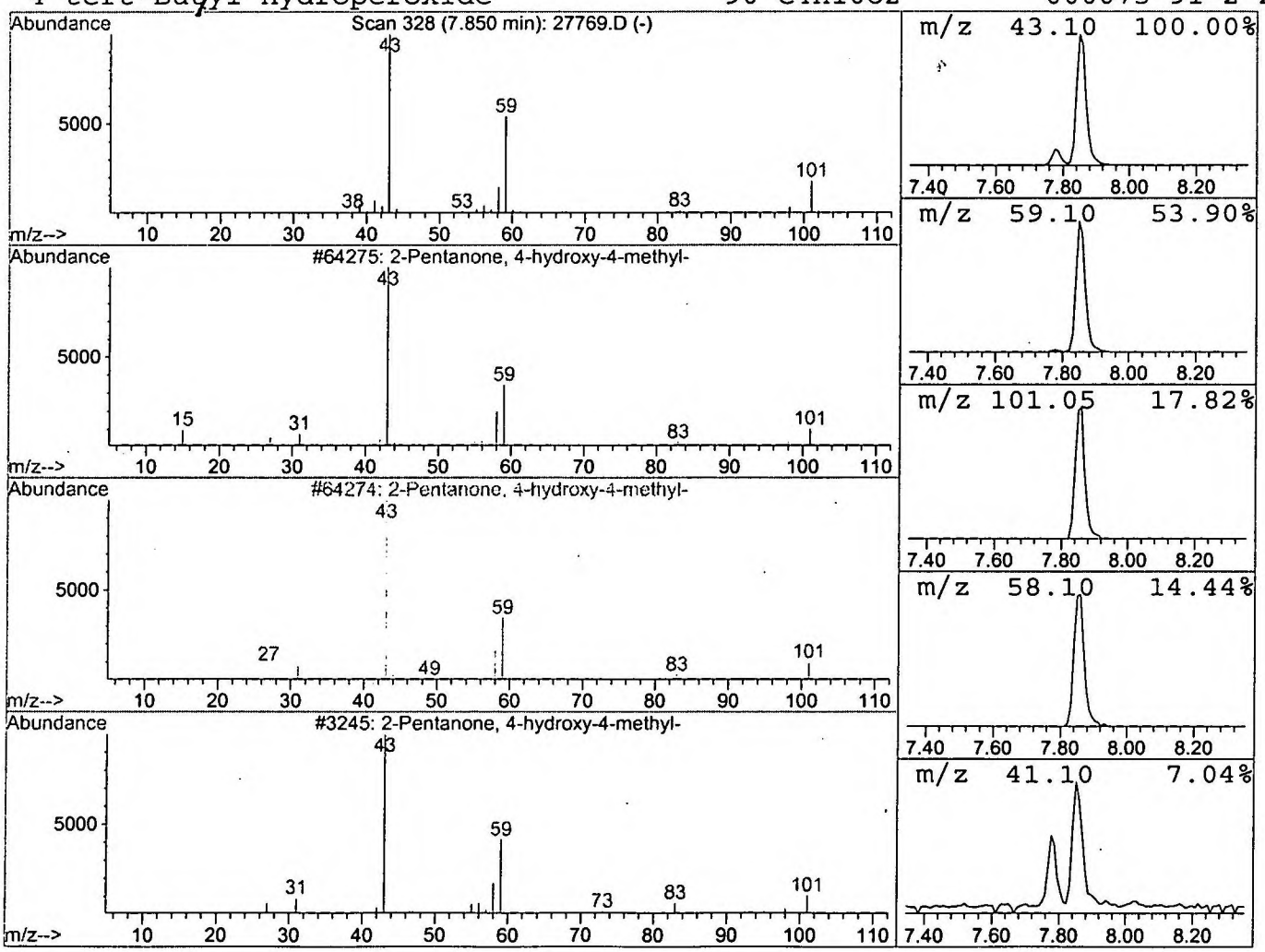
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	2.79 ng/uL	831265	1,4-Dichlorobenzene-d4	11.88

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	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
4	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 5:57 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27769.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	0.8	ng/uL	225835	ISTD01	11.88	5967090	20.0
2-Hexanone	6.58	1.6	ng/uL	463673	ISTD01	11.88	5967090	20.0
3-Hexanol	6.72	0.9	ng/uL	261057	ISTD01	11.88	5967090	20.0
2-Hexanol	6.83	1.1	ng/uL	340018	ISTD01	11.88	5967090	20.0
Butane, 2-methoxy-2-	7.78	0.8	ng/uL	250181	ISTD01	11.88	5967090	20.0
2-Pentanone, 4-hydro	7.85	2.8	ng/uL	831265	ISTD01	11.88	5967090	20.0

27769.D NP112701.M Thu Dec 20 11:47:22 2001