User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 15:03:45

Sample: AD27632
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 15:00 Ended: 1/3/02 15:00 Analyst: MG
Page: 1

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

:omments for Sample AD27632 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Jser: Galos, Marie
)ate: 01-03-2002 Time: 15:03:55

\ scan of the extract prepared for the 508 analysis, from 35-550 amu using a
1ass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27632.D Vial: 20
Acq On : 20 Dec 2001 3:14 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	866765	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.47	136	3434534	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.75	164	1525486	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	2277950	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	1538298	20.00	ng/uL	-0.08
68) Perylene-d12	37.25	264	817609	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	375	0.01	ng/uL	0.45
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.00	152	658	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	18.89	172	1842	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	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

Quantitation Report (QT Reviewed)

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Acq On : 20 Dec 2001 3:14 pm Operator: GALOS
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Misc : Multiplr: 1.00
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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	21.18	65	282	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	3347	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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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

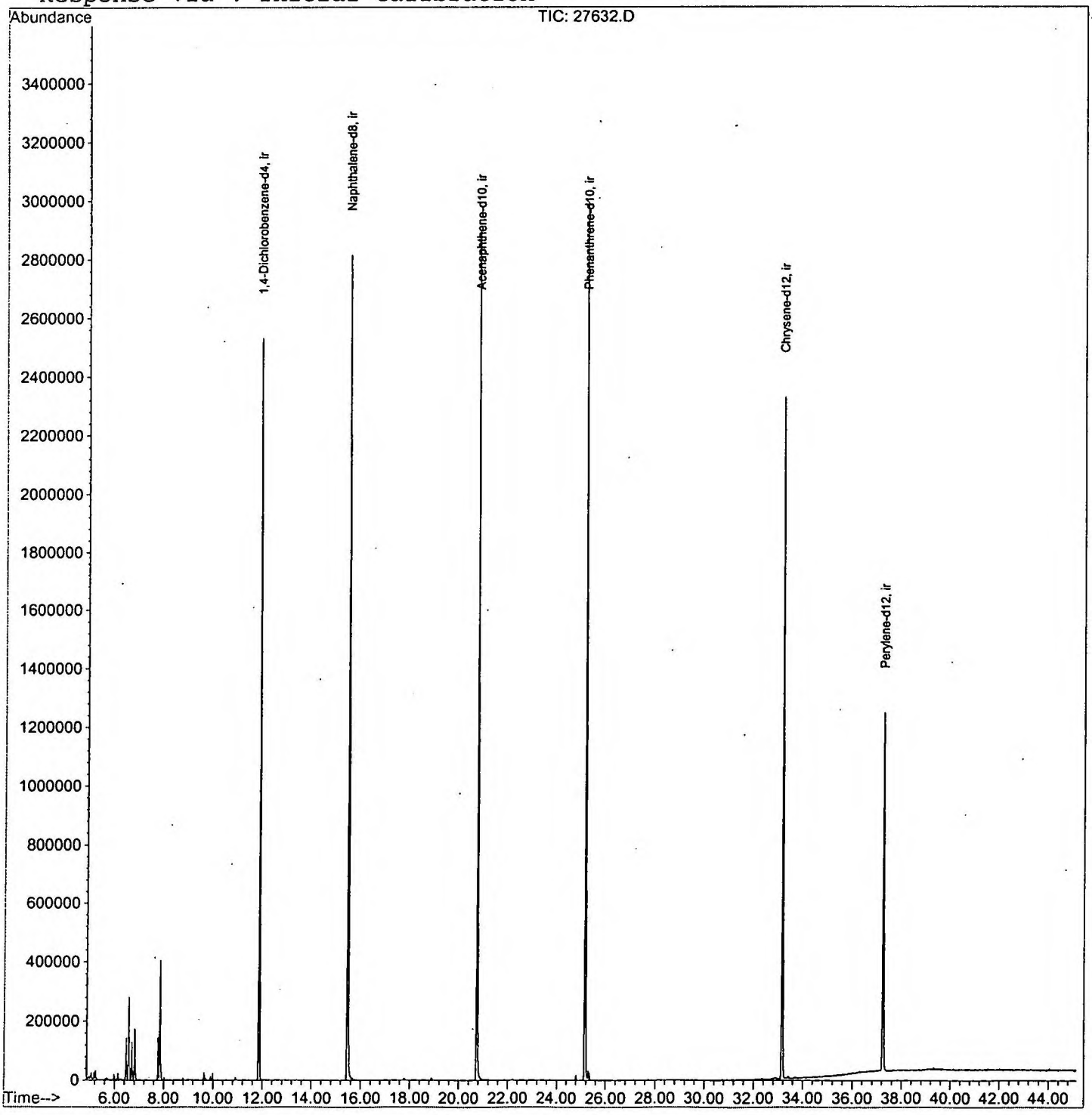
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	0.00	149	0	N.D.	
65) Benzo(a)anthracene	33.17	228	3744	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.43	149	5583	N.D.	
67) Chrysene	33.17	228	3744	N.D.	
69) Di-n-Octylphthalate	0.00	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	2608	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\27632.D Vial: 20
Acq On : 20 Dec 2001 3:14 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

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\27632.D Vial: 20
Acq On : 20 Dec 2001 3:14 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

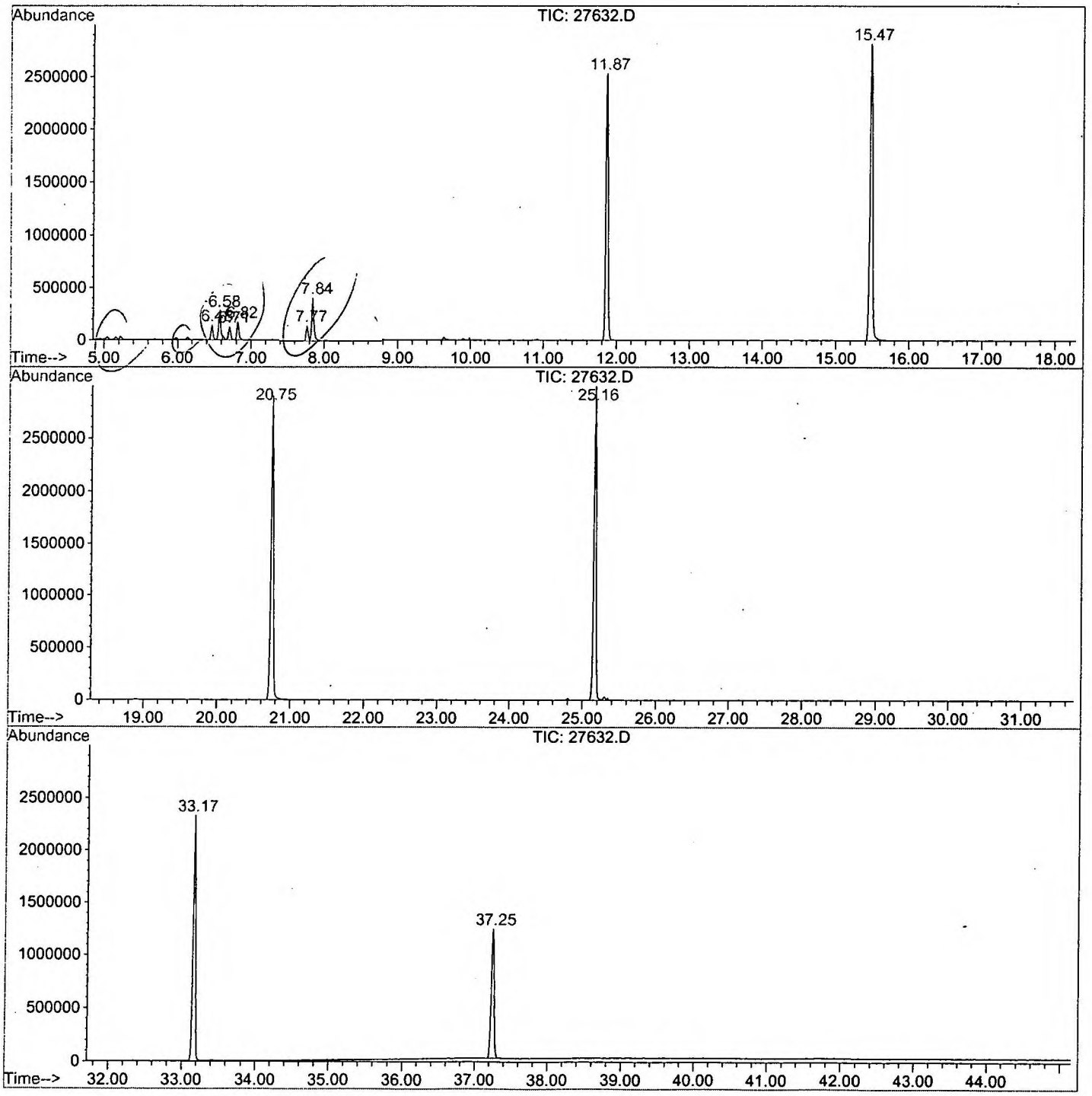
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.476	172	178	183	rBV	143641	273032	3.90%	0.743%
2	6.577	183	189	193	rBV	277082	533984	7.62%	1.453%
3	6.705	199	203	211	rVB	128774	236708	3.38%	0.644%
4	6.815	211	215	223	rBV	173596	347327	4.96%	0.945%
5	7.769	315	319	323	rBV	144375	268893	3.84%	0.732%
6	7.842	323	327	341	rVB	405225	806429	11.51%	2.195%
7	11.868	760	766	779	rBV	2531667	5403501	77.10%	14.708%
8	15.472	1152	1159	1177	rBV	2816484	7008847	100.00%	19.077%
9	20.754	1727	1735	1748	rBV	2896253	6845700	97.67%	18.633%
10	25.164	2207	2216	2226	rBV2	2996693	6539396	93.30%	17.799%
11	33.170	3080	3089	3098	rBV2	2327217	5207512	74.30%	14.174%
12	37.251	3526	3534	3545	rBV2	1216141	3268023	46.63%	8.895%

Sum of corrected areas: 36739352

27632.D NP112701.M Fri Dec 21 09:20:18 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27632.D
Operator : GALOS
Acquired : 20 Dec 2001 3:14 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 20
Quant File :NP112701.RES (RTE Integrator)



27632.D NP112701.M Fri Dec 21 09:20:20 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27632.D
Acq On : 20 Dec 2001 3:14 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

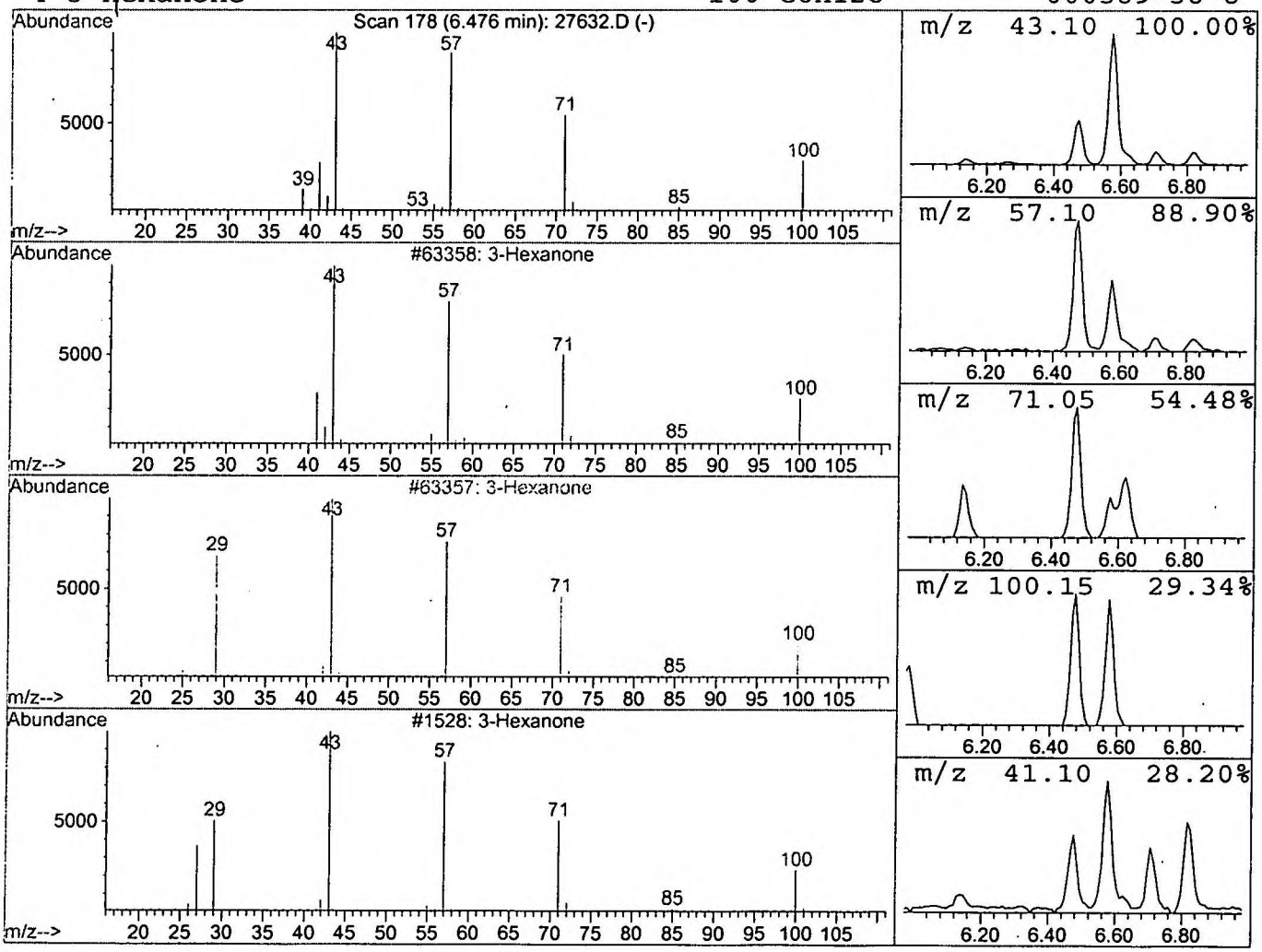
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	1.01 ng/uL	273032	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	91
4	3-Hexanone	100	C6H12O	000589-38-8	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27632.D
Acq On : 20 Dec 2001 3:14 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

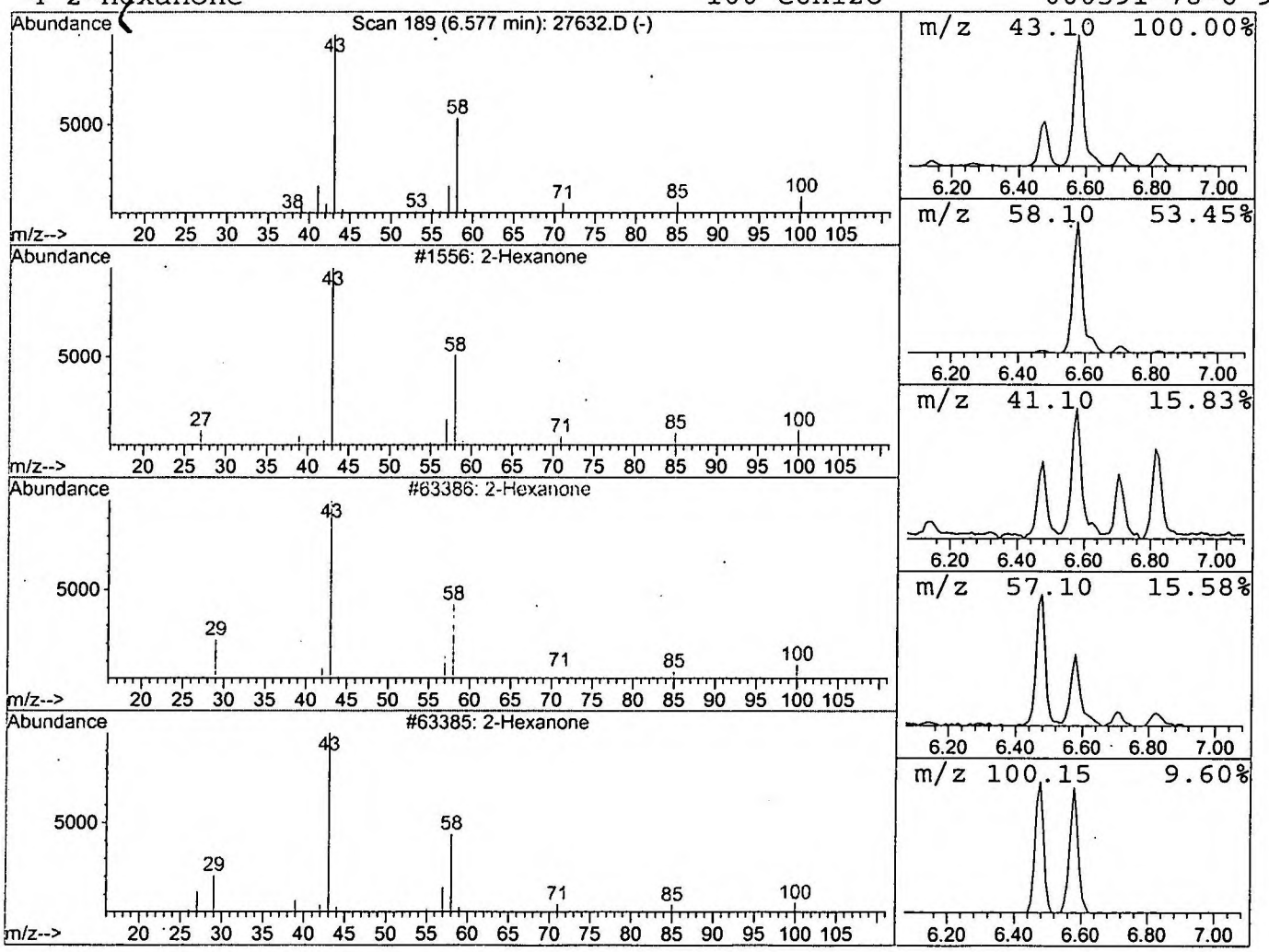
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	1.98 ng/uL	533984	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\27632.D Vial: 20
Acq On : 20 Dec 2001 3:14 pm 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

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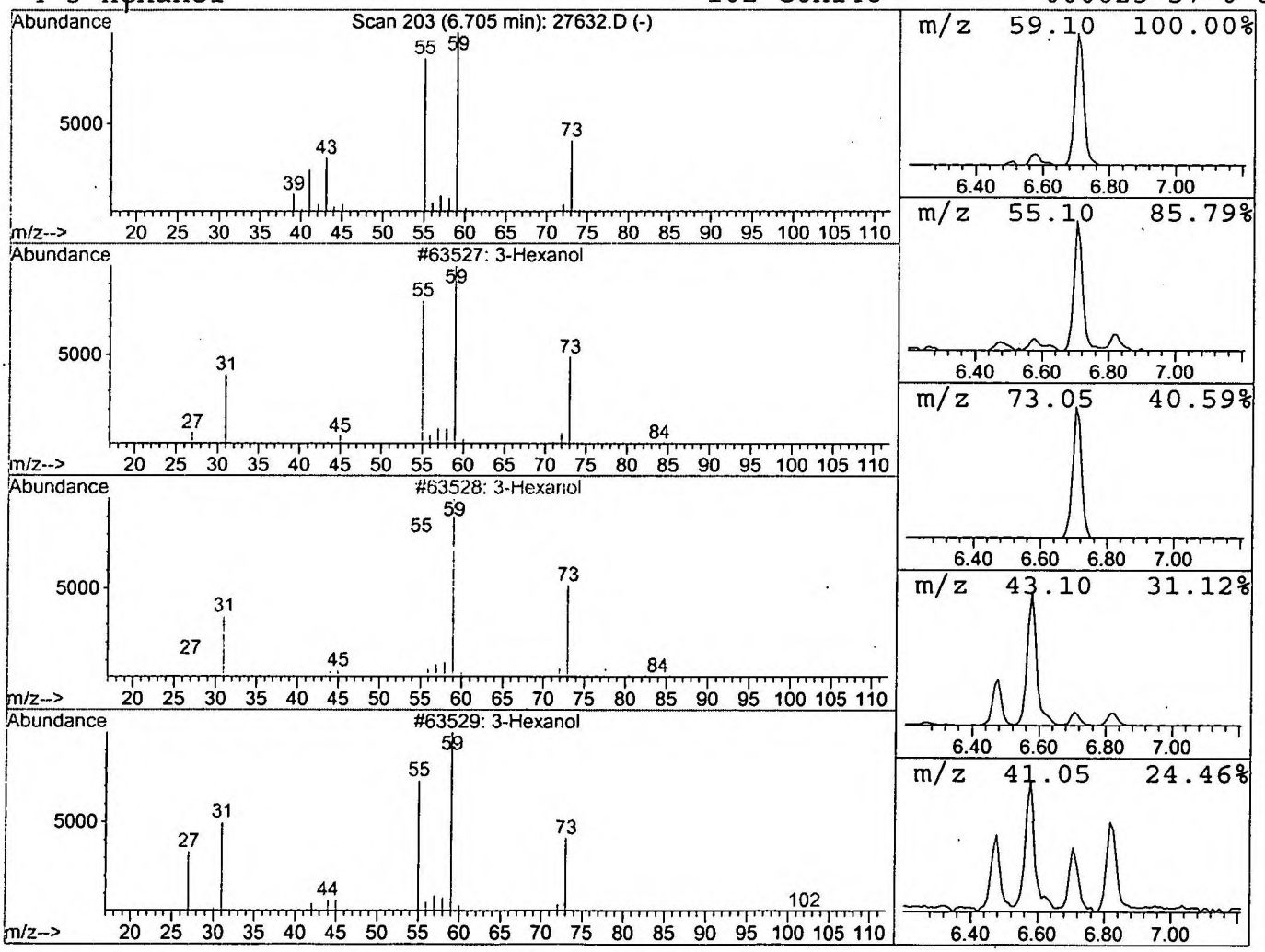
Peak Number 3 3-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	0.88 ng/uL	236708	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\27632.D
Acq On : 20 Dec 2001 3:14 pm
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 20
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

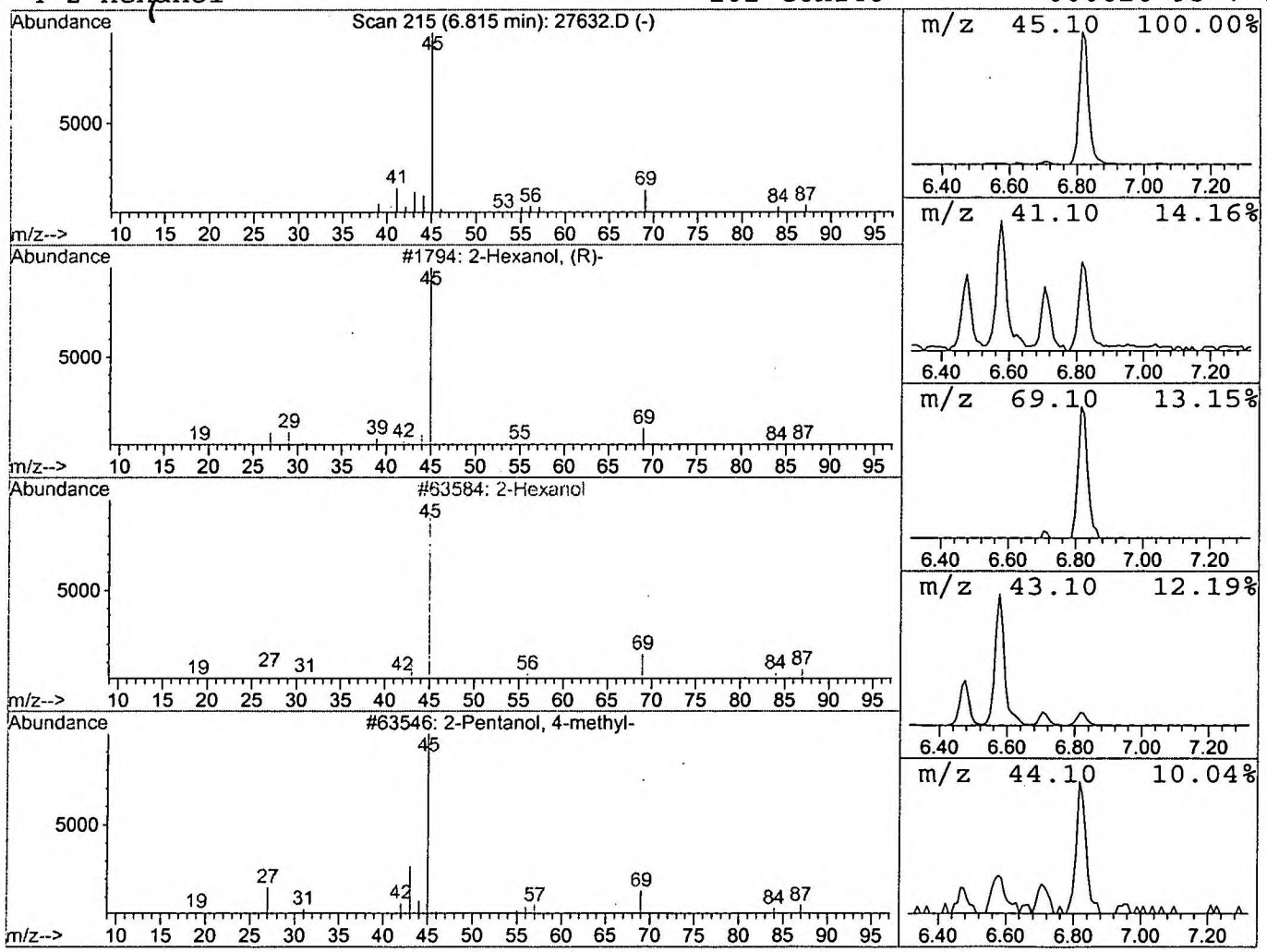
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol, (R)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	1.29 ng/uL	347327	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, (R)-	102	C6H14O	026549-24-6	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
4	2-Hexanol	102	C6H14O	000626-93-7	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27632.D Vial: 20
Acq On : 20 Dec 2001 3:14 pm Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

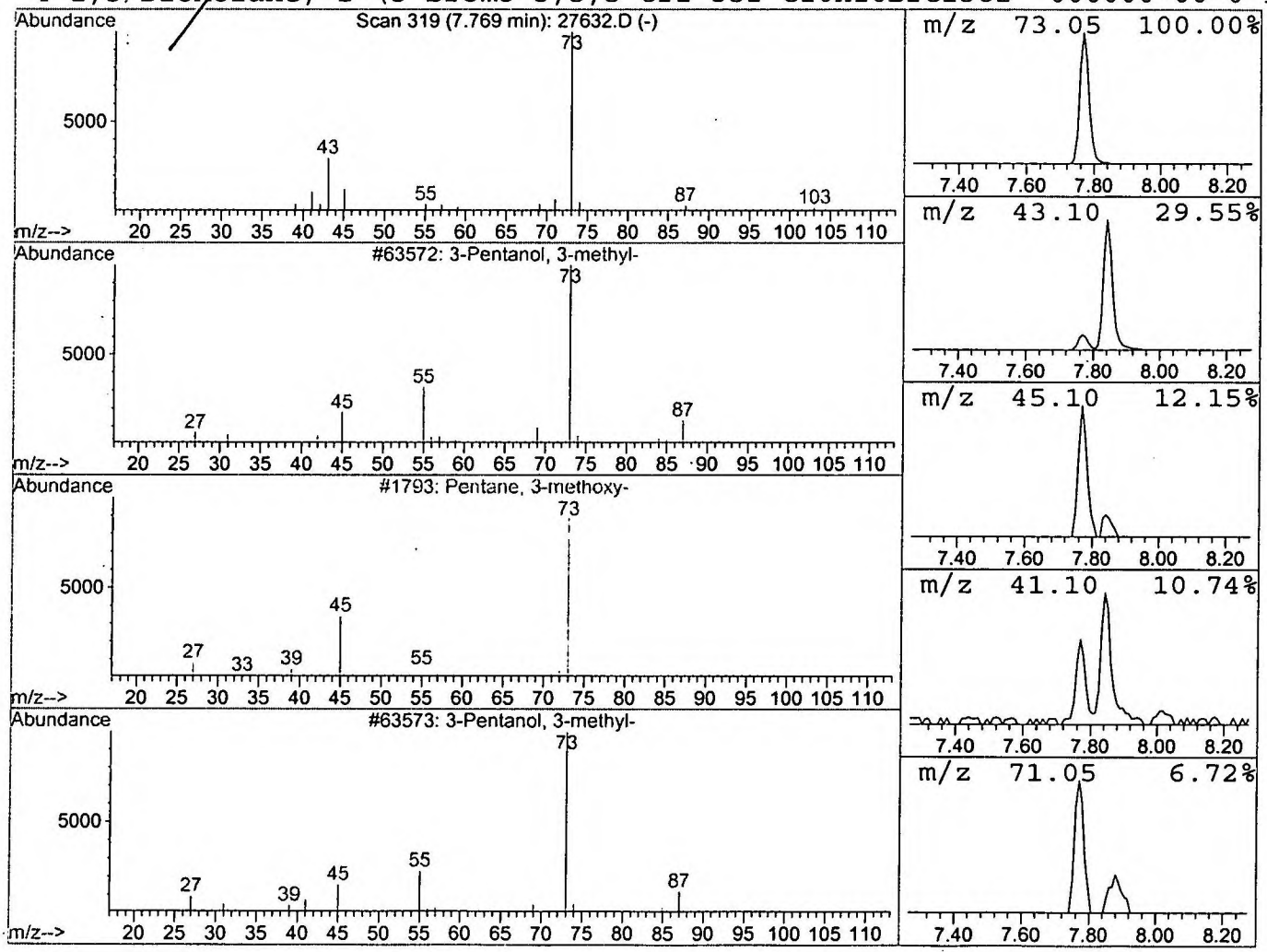
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	1.00 ng/uL	268893	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	33
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	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\27632.D Vial: 20
Acq On : 20 Dec 2001 3:14 pm Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

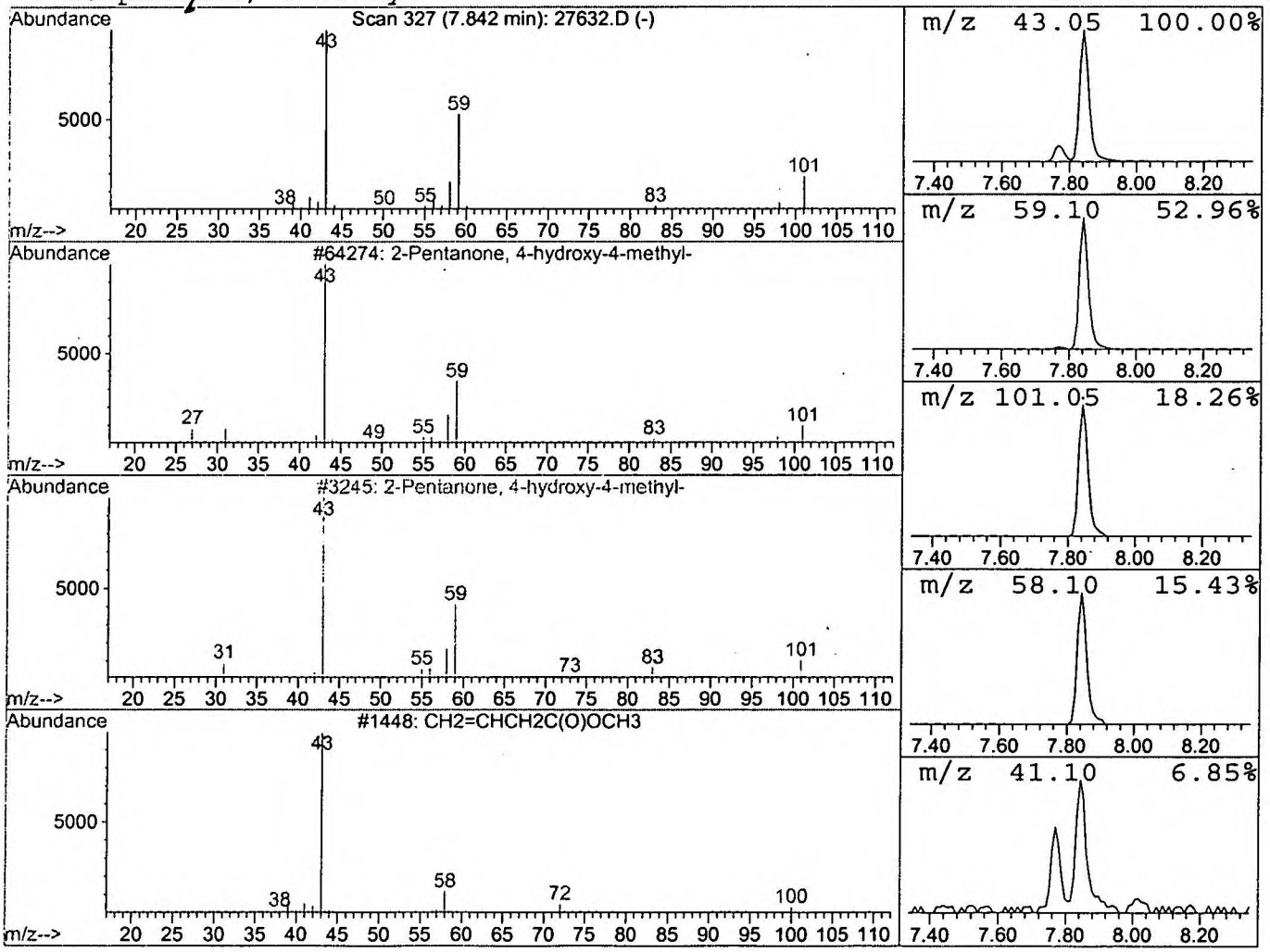
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	2.98 ng/uL	806429	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	43
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 3:14 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\27632.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	1.0	ng/uL	273032	ISTD01	11.87	5403500	20.0
2-Hexanone	6.58	2.0	ng/uL	533984	ISTD01	11.87	5403500	20.0
3-Hexanol	6.71	0.9	ng/uL	236708	ISTD01	11.87	5403500	20.0
2-Hexanol, (R)-	6.82	1.3	ng/uL	347327	ISTD01	11.87	5403500	20.0
3-Pentanol, 3-methyl	7.77	1.0	ng/uL	268893	ISTD01	11.87	5403500	20.0
2-Pentanone, 4-hydro	7.84	3.0	ng/uL	806429	ISTD01	11.87	5403500	20.0

27632.D NP112701.M Fri Dec 21 09:20:34 2001