User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 12:24:23

Sample: AD27954
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 12:21 Ended: 1/2/02 12:21 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 AD27954 - Analysis $GCMS

Vestchester Dept. of Labs & Research
lser: Galos, Marie
ıate: 01-02-2002 Time: 12:31:11

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27954.D Vial: 10
Acq On : 21 Dec 2001 12:22 am Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:47 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	1039501	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	4169034	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	1849941	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	2739783	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	1861076	20.00	ng/uL	-0.08
68) Perylene-d12	37.25	264	967687	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	686	0.01	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.01%#			
7) 1,2-Dichlorobenzene-d4	12.06	152	602	0.01	ng/uL	-0.40
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	2374	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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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	25.17	178	305	N.D.	
56)	Anthracene	25.17	178	305	N.D.	
57)	Di-n-butylphthalate	27.14	149	5629	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\27954.D Vial: 10
Acq On : 21 Dec 2001 12:22 am Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:47 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

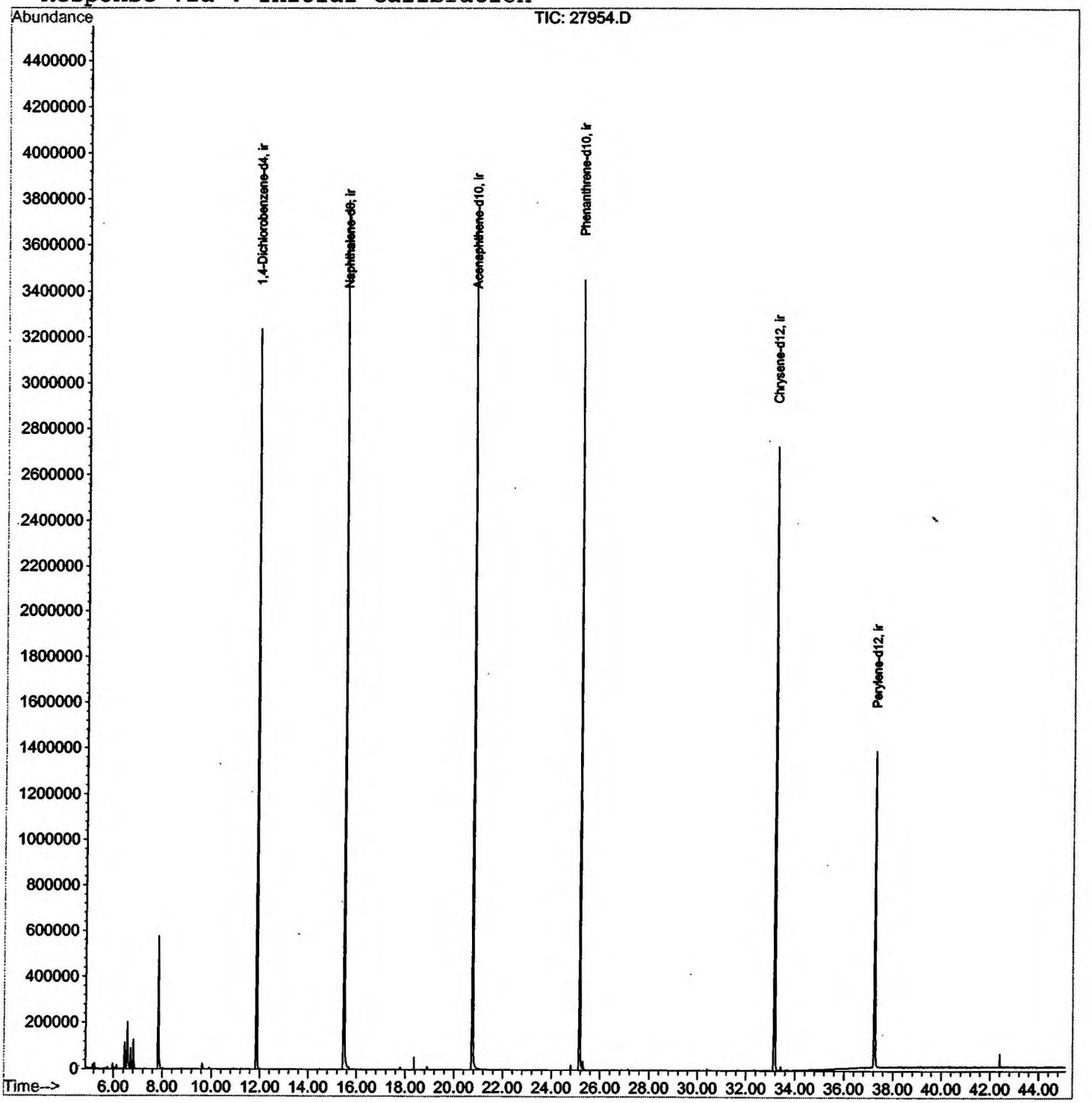
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.18	228	4051	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.41	149	11171	N.D.	
67)	Chrysene	33.18	228	4051	N.D.	
69)	Di-n-Octylphthalate	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	3074	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\27954.D Vial: 10
Acq On : 21 Dec 2001 12:22 am Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:47 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\27954.D Vial: 10
Acq On : 21 Dec 2001 12:22 am Operator: GALOS
Sample : gcms unknown 11/20 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

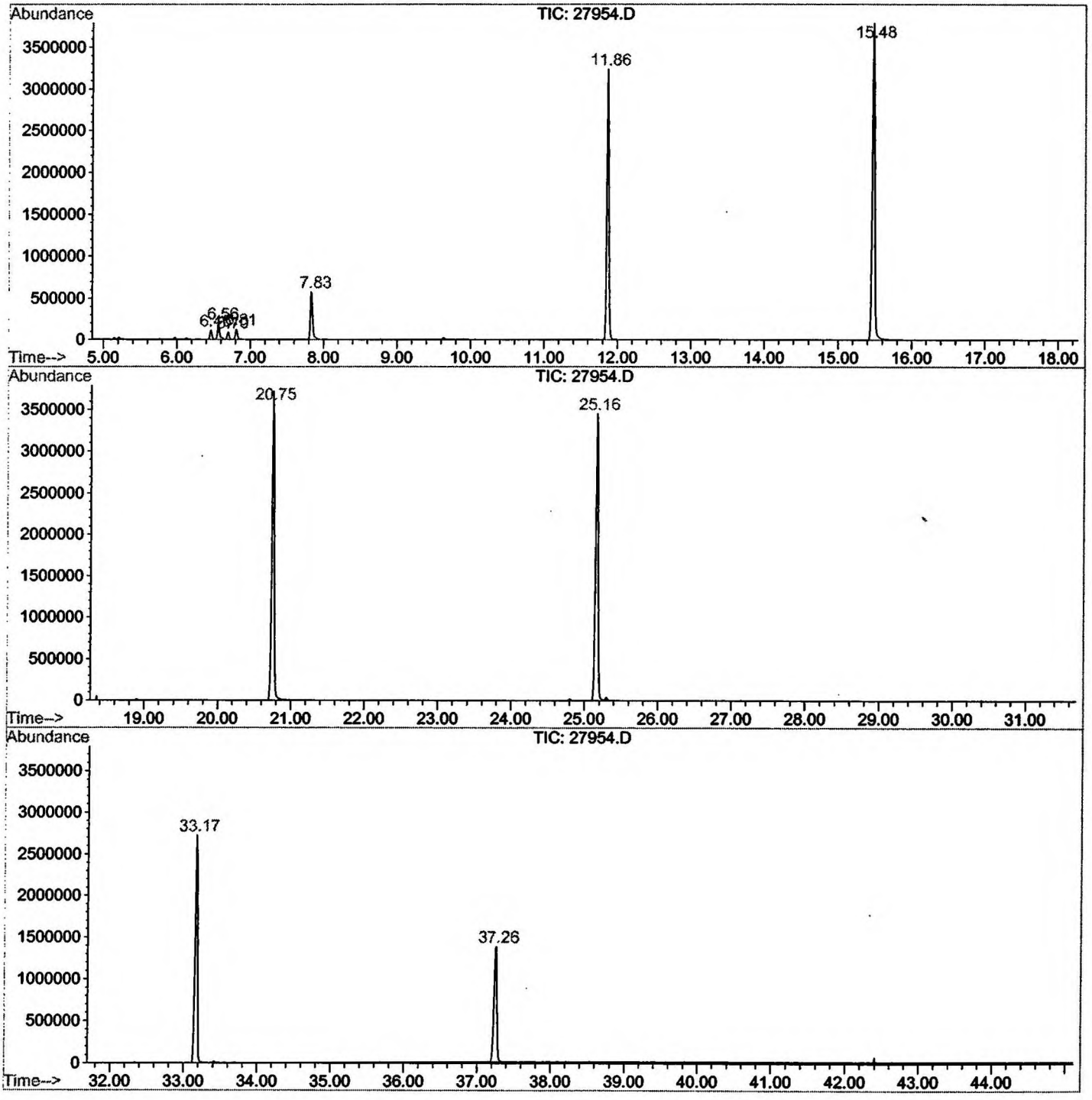
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.463	170	177	183	rBV	115531	213349	2.51%	0.490%
2	6.564	183	188	199	rVV	202098	424959	5.00%	0.976%
3	6.701	199	203	209	rVV	90470	169892	2.00%	0.390%
4	6.811	211	215	228	rVB	127828	259352	3.05%	0.596%
5	7.829	322	326	342	rBV	577462	1214196	14.28%	2.789%
6	11.864	760	766	782	rVB	3236013	6494080	76.36%	14.915%
7	15.477	1153	1160	1178	rBV	3793205	8504183	100.00%	19.531%
8	20.750	1728	1735	1755	rBV	3723006	8274866	97.30%	19.005%
9	25.161	2209	2216	2227	rBV2	3452035	7839488	92.18%	18.005%
10	33.166	3082	3089	3100	rBV2	2722905	6306165	74.15%	14.483%
11	37.256	3526	3535	3545	rBV2	1375296	3840908	45.16%	8.821%

Sum of corrected areas: 43541438

27954.D NP112701.M Fri Dec 21 09:59:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27954.D
Operator : GALOS
Acquired : 21 Dec 2001 12:22 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/20
Misc Info :
Vial Number: 10
Quant File :NP112701.RES (RTE Integrator)



27954.D NP112701.M Fri Dec 21 09:59:11 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27954.D
Acq On : 21 Dec 2001 12:22 am
Sample : gcms unknown 11/20
Misc :
MS Integration Params: LSCINT.P

Vial: 10
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

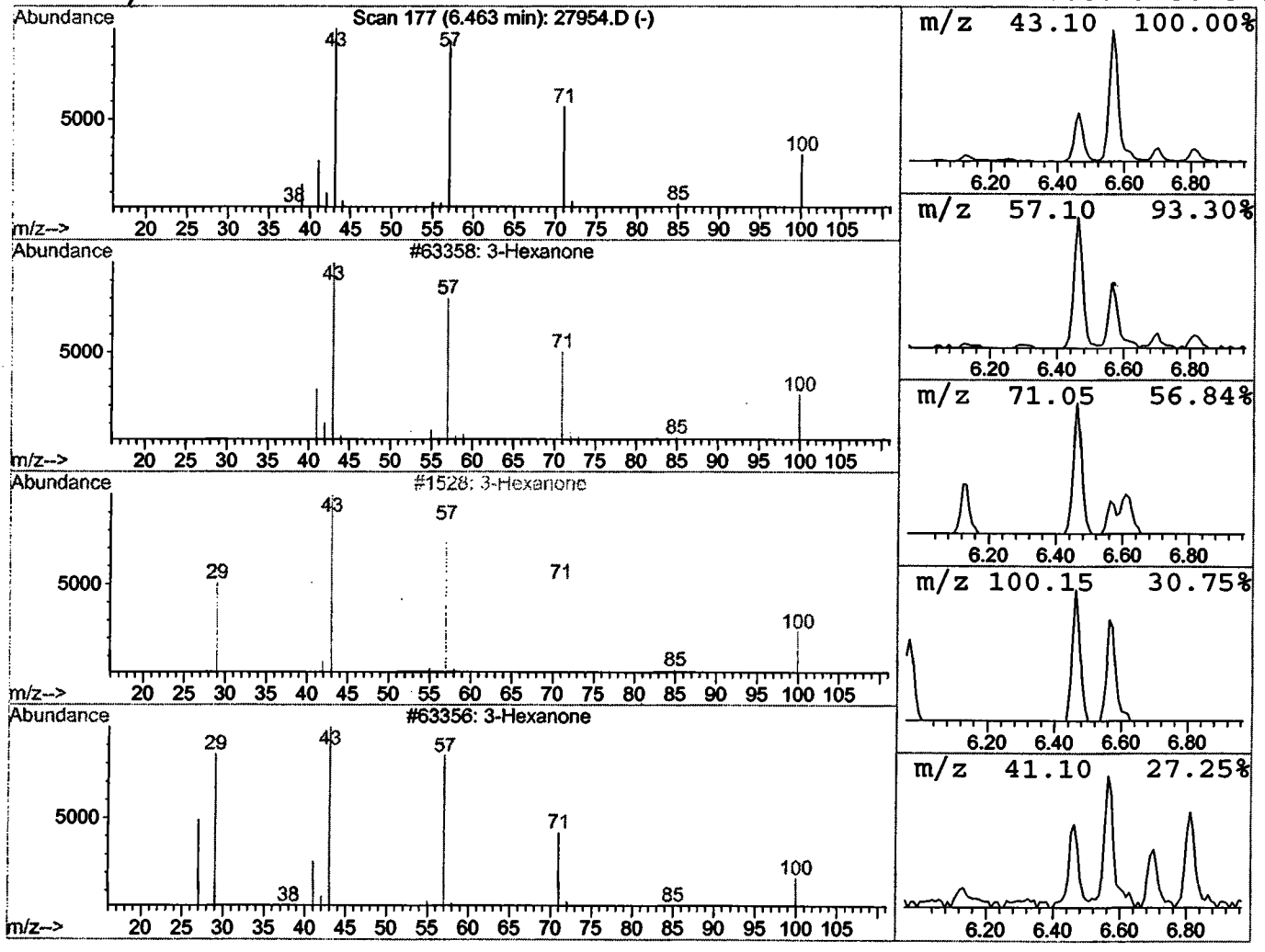
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	0.66 ng/uL	213349	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	90
3	3-Hexanone	100	C6H12O	000589-38-8	78
4	3-Hexanone	100	C6H12O	000589-38-8	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27954.D Vial: 10
Acq On : 21 Dec 2001 12:22 am Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

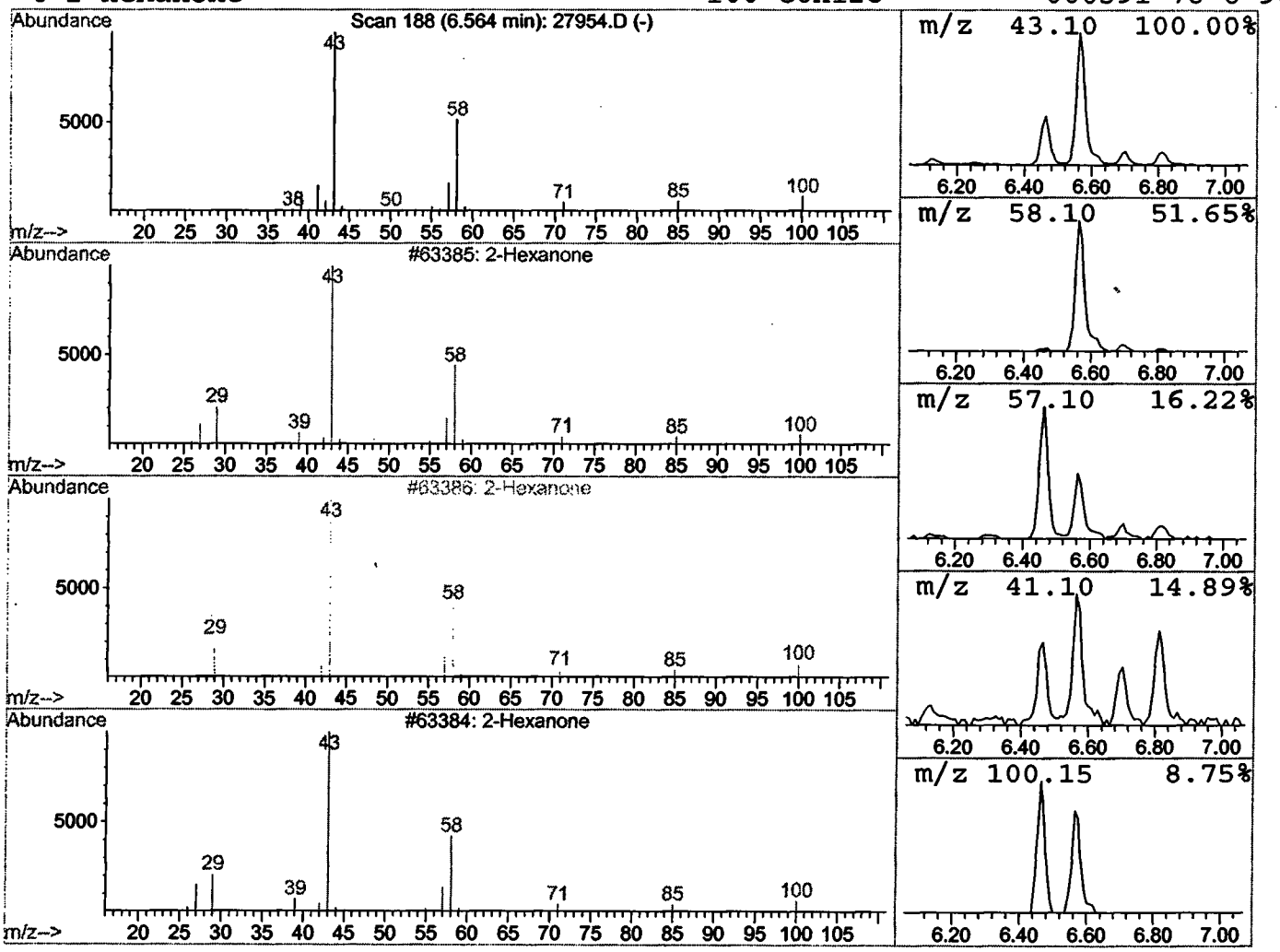
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	1.31 ng/uL	424959	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	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27954.D Vial: 10
Acq On : 21 Dec 2001 12:22 am Operator: GALOS
Sample : gcms unknown 11/20 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

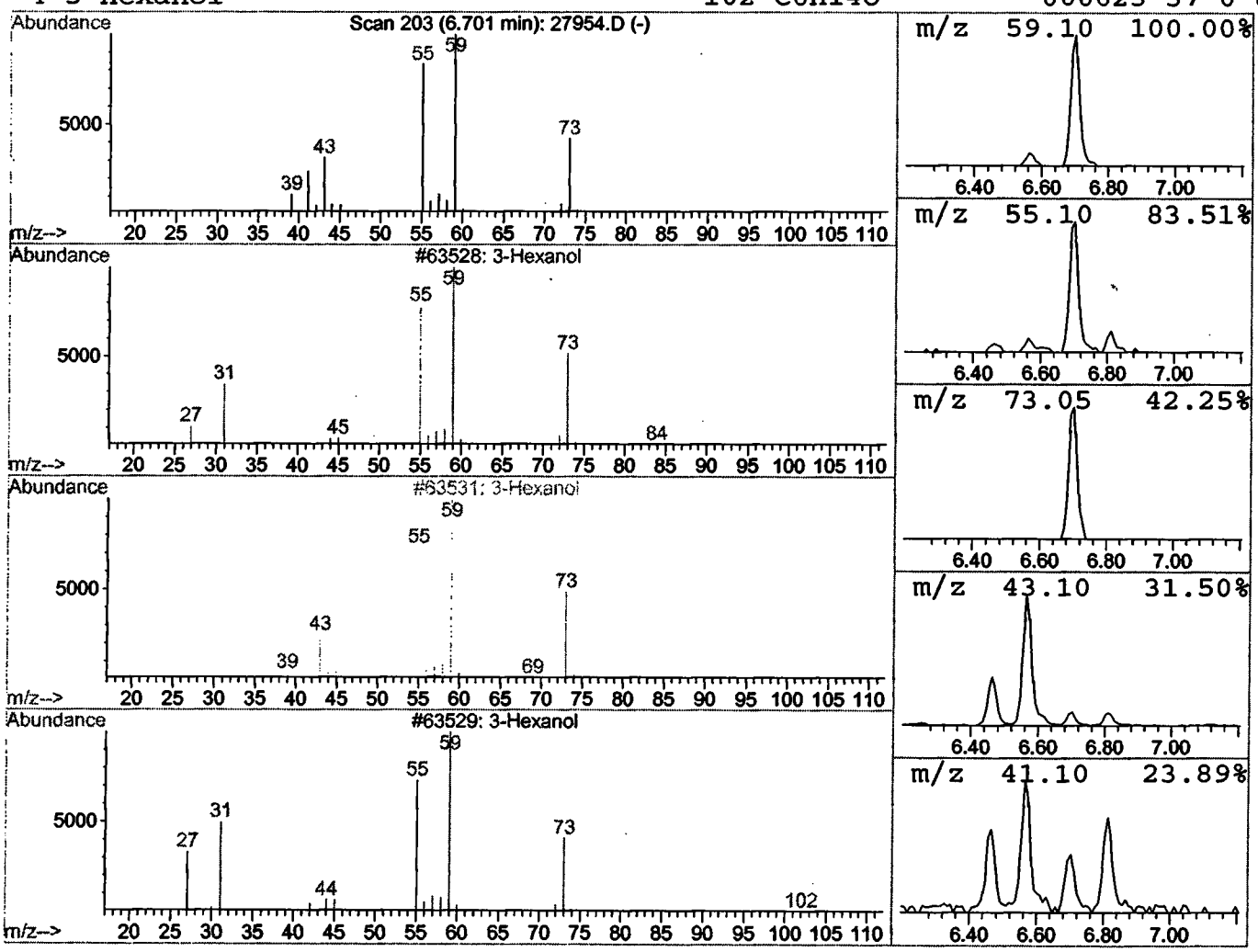
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	0.52 ng/uL	169892	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	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27954.D Vial: 10
Acq On : 21 Dec 2001 12:22 am Operator: GALOS
Sample : gcms unknown 11/20 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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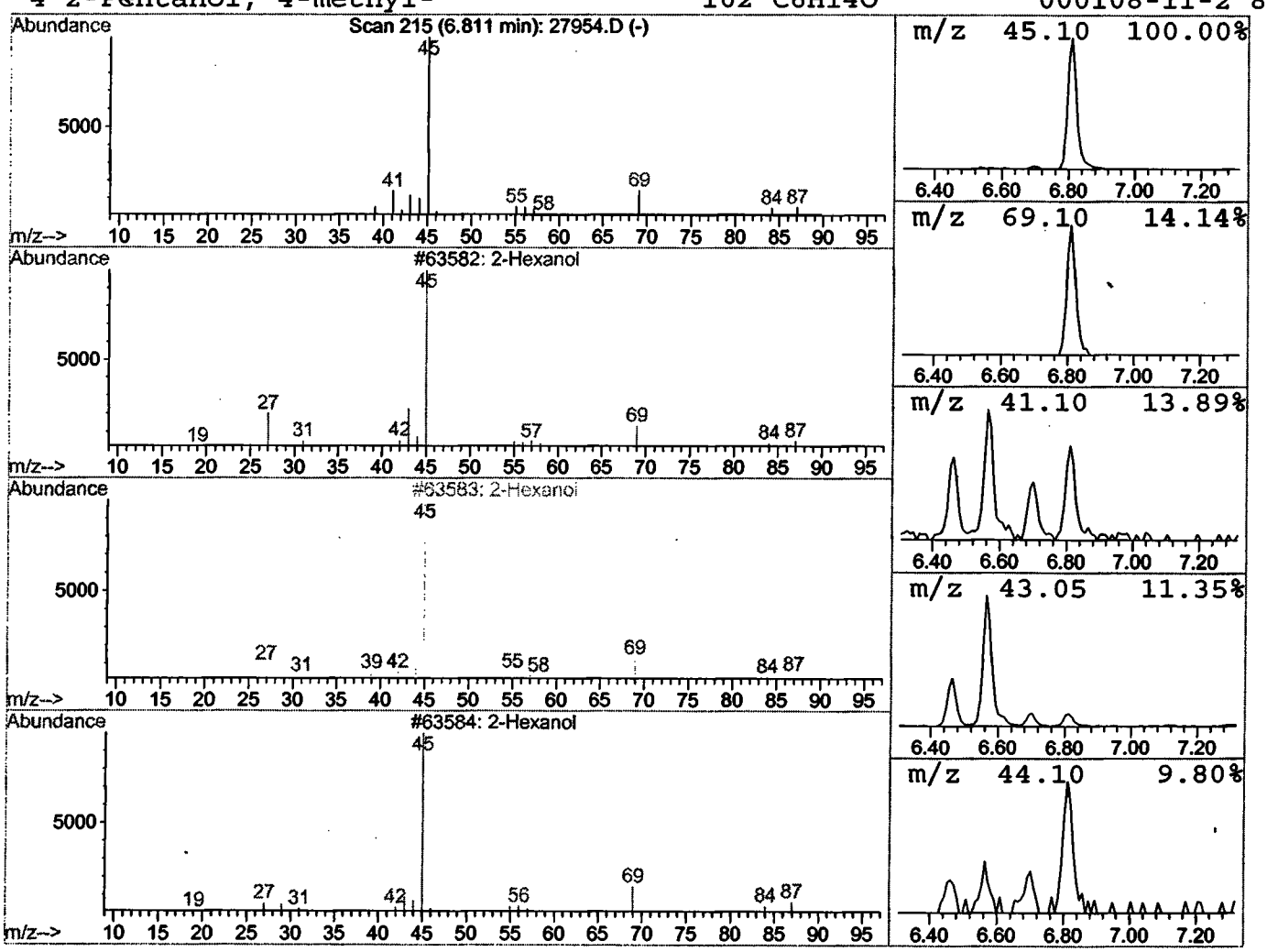
Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	0.80 ng/uL	259352	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	83



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27954.D Vial: 10
Acq On : 21 Dec 2001 12:22 am Operator: GALOS
Sample : gcms unknown 11/20 Inst. : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

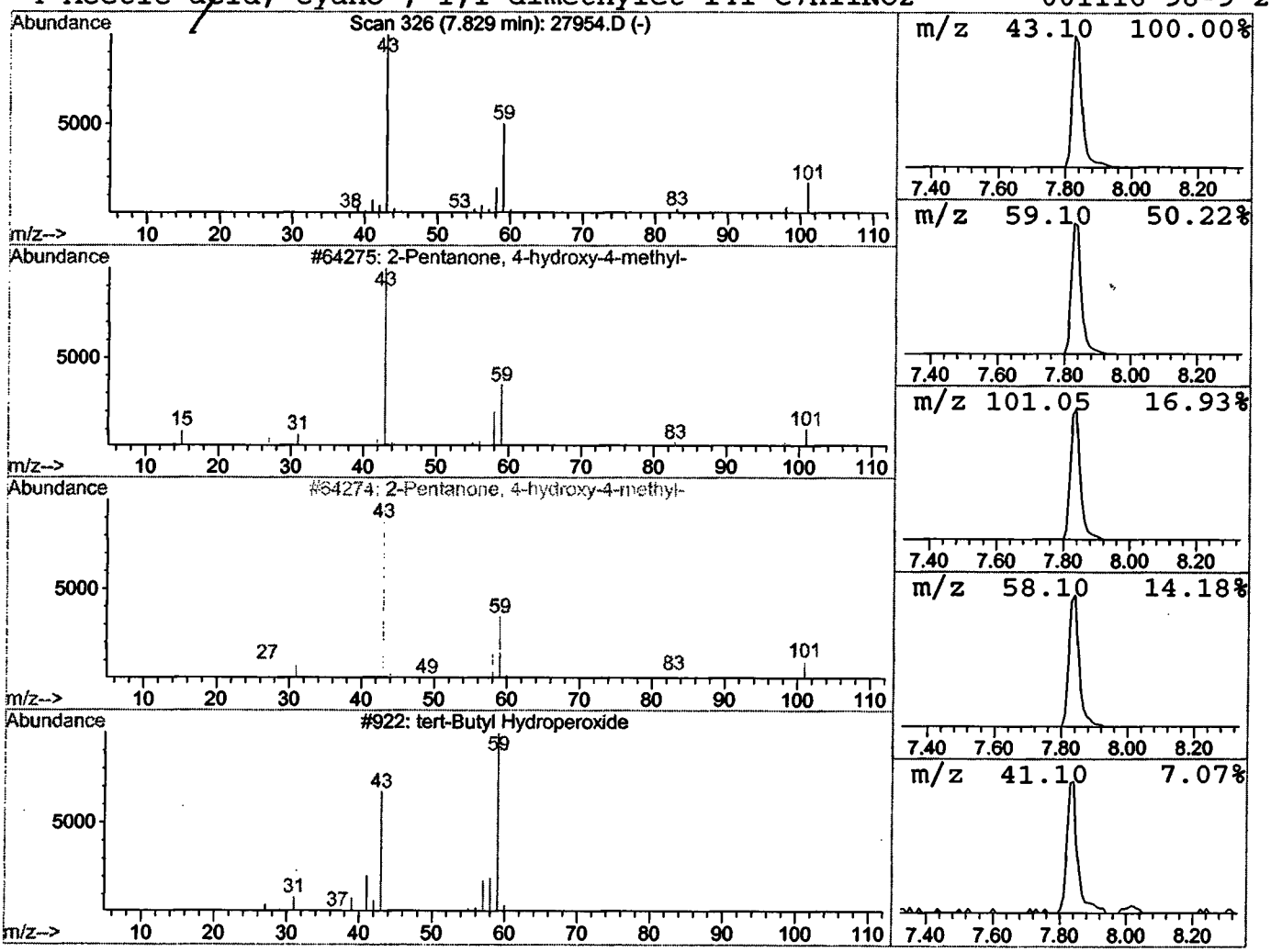
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	3.74 ng/uL	1214200	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	42
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
3	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	33
4	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	25



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 21 Dec 2001 12:22 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27954.D
Name: gcms unknown 11/20
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	6.46	0.7	ng/uL	213349	ISTD01	11.86	6494080	20.0
2-Hexanone	6.56	1.3	ng/uL	424959	ISTD01	11.86	6494080	20.0
3-Hexanol	6.70	0.5	ng/uL	169892	ISTD01	11.86	6494080	20.0
2-Hexanol	6.81	0.8	ng/uL	259352	ISTD01	11.86	6494080	20.0
2-Pentanone, 4-hydro	7.83	3.7	ng/uL	1214200	ISTD01	11.86	6494080	20.0

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