

User: Vinci, David L
 Westchester Dept. of Labs & Research
 Date: 01/09/2002 Time: 12:56:09

Sample: AD27010
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/11/01 16:42 Ended: 12/11/01 16:42 Analyst: MG
 Result source: manual entry
 Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr 2,4-DDD	LSPEC	< MDL		5.0

Comments for Sample AD27010 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 01-09-2002 Time: 12:56:06

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\27010.D

Vial: 34

Acq On : 7 Dec 2001 6:06 pm

Operator: GALOS

Sample : gc/ms unknown

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 10 9:25 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	1319655	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	5018113	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	2215485	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	3107458	20.00	ng/uL	-0.06
59) Chrysene-d12	33.18	240	1835022	20.00	ng/uL	-0.06
68) Perylene-d12	37.27	264	1257145	20.00	ng/uL	-0.06

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	696	0.01	ng/uL	0.45
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	12.25	152	331	0.01	ng/uL	-0.21
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	18.92	172	2082	0.01	ng/uL	0.08
Spiked Amount	50.000	Range	42 - 78	Recovery	=	0.02%#
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

27010.D NP010302.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\27010.D

Vial: 34

Acq On : 7 Dec 2001 6:06 pm

Operator: GALOS

Sample : gc/ms unknown

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 10 9:25 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
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	15.55	128	353	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) 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	27.17	149	2001	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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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\27010.D
Acq On : 7 Dec 2001 6:06 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 10 9:25 2001

Vial: 34
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

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	4190	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.45	149	4336	N.D.		
67) Chrysene	33.18	228	4190	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	37.27	252	4282	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

27010.D NP010302.M Wed Jan 09 12:20:48 2002

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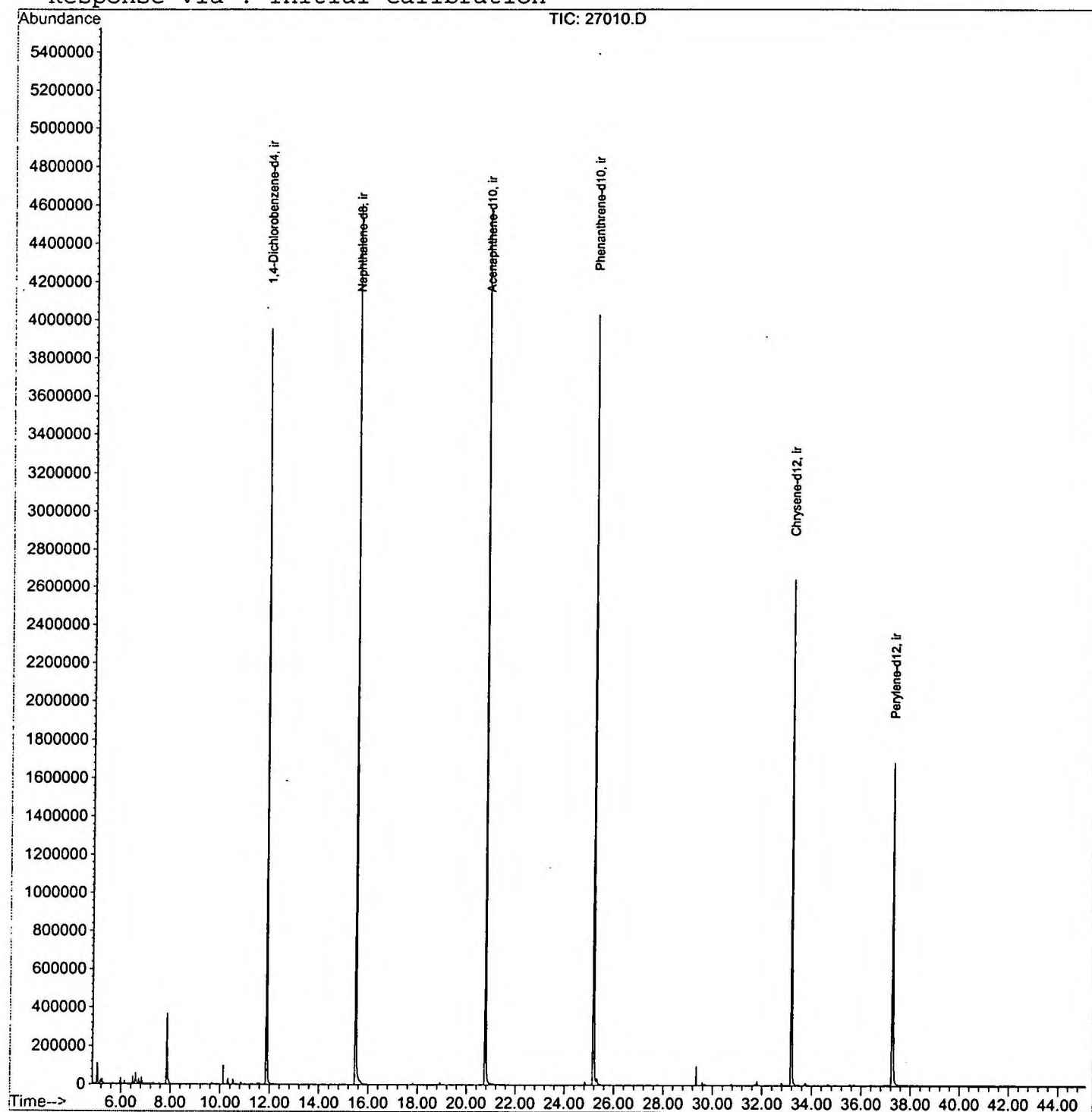
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0701\27010.D
Acq On : 7 Dec 2001 6:06 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 10 9:25 2001

Vial: 34
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP010302.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Mon Jan 07 12:52:09 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0701\27010.D

Vial: 34

Acq On : 7 Dec 2001 6:06 pm

Operator: GALOS

Sample : gc/ms unknown

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP010302.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	5.041	17	22	28	rBV	109125	208115	2.05%	0.430%
2	6.591	187	191	201	rVV	59430	137740	1.36%	0.284%
3	7.857	325	329	345	rBV	365975	785296	7.73%	1.621%
4	11.882	760	768	780	rBV	3957575	8176278	80.47%	16.876%
5	15.495	1155	1162	1179	rBV	4605384	10160609	100.00%	20.972%
6	20.768	1730	1737	1756	rBV	4581665	9775027	96.21%	20.176%
7	25.179	2211	2218	2229	rBV2	4028570	8719993	85.82%	17.999%
8	33.184	3084	3091	3111	rBV2	2641178	5857214	57.65%	12.090%
9	37.274	3529	3537	3555	rBV2	1681963	4627448	45.54%	9.551%

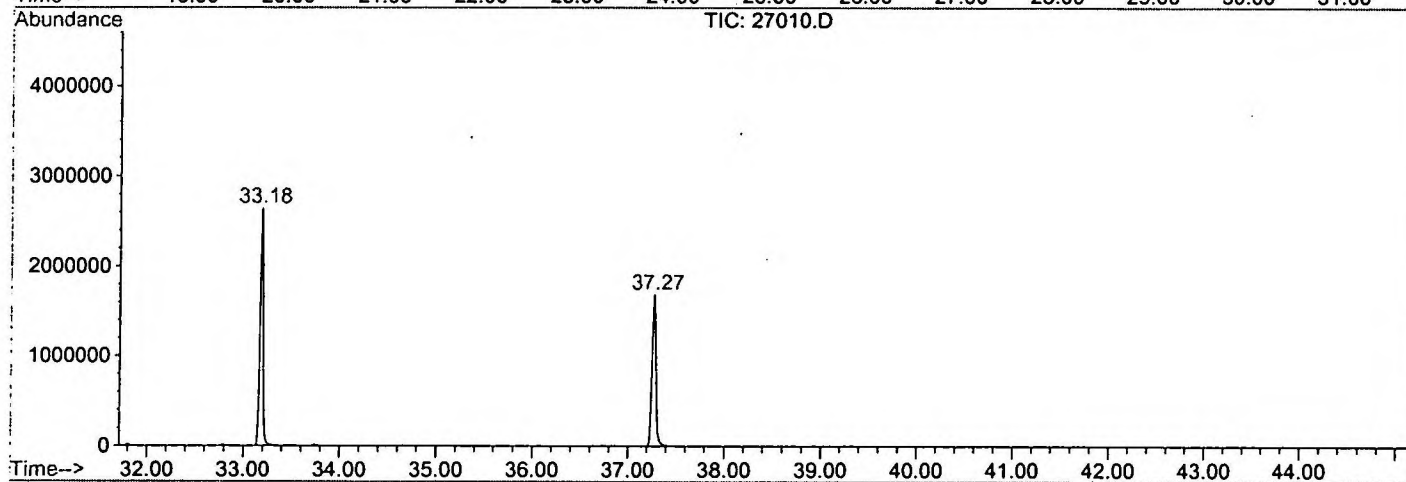
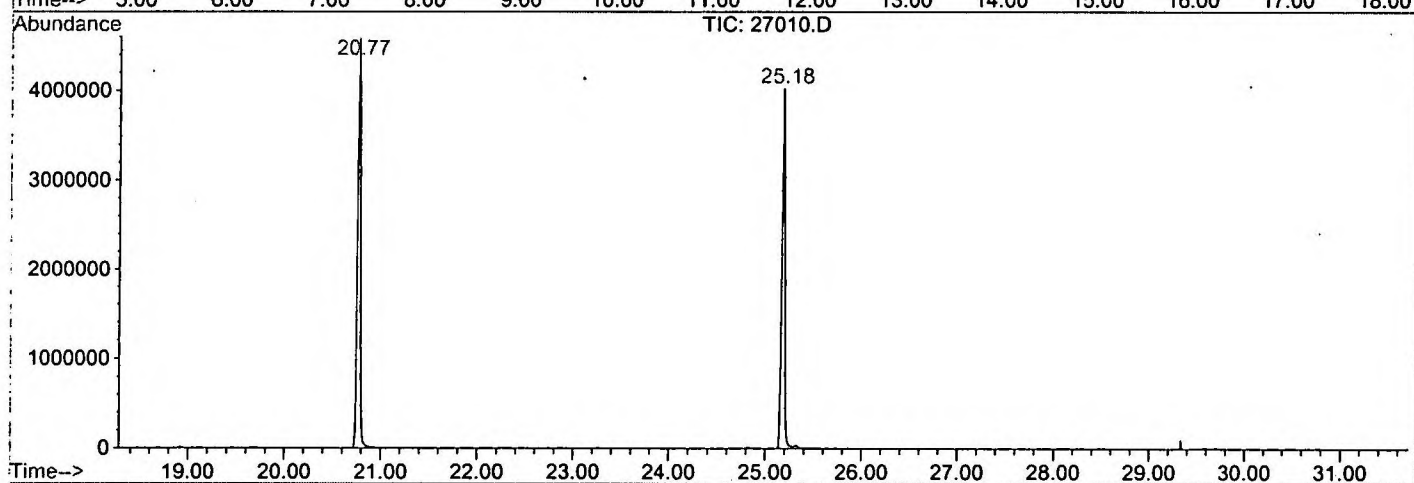
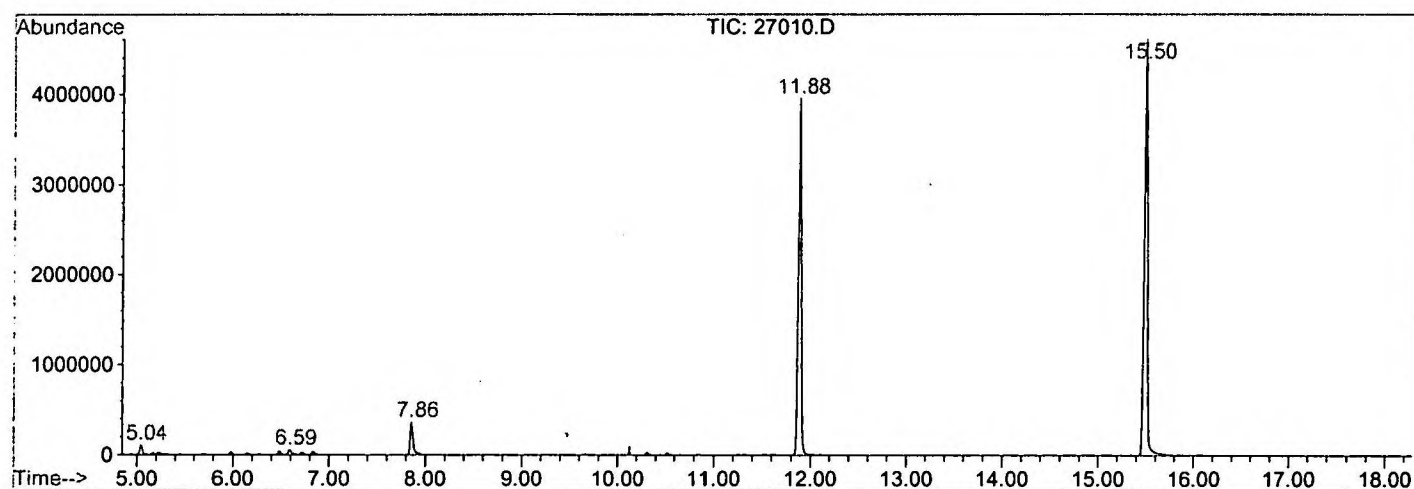
Sum of corrected areas: 48447720

27010.D NP010302.M

Wed Jan 09 12:21:54 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0701\27010.D
 Operator : GALOS
 Acquired : 7 Dec 2001 6:06 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 34
 Quant File :NP112701.RES (RTE Integrator)



27010.D NP010302.M

Wed Jan 09 12:21:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0701\27010.D
 Acq On : 7 Dec 2001 6:06 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

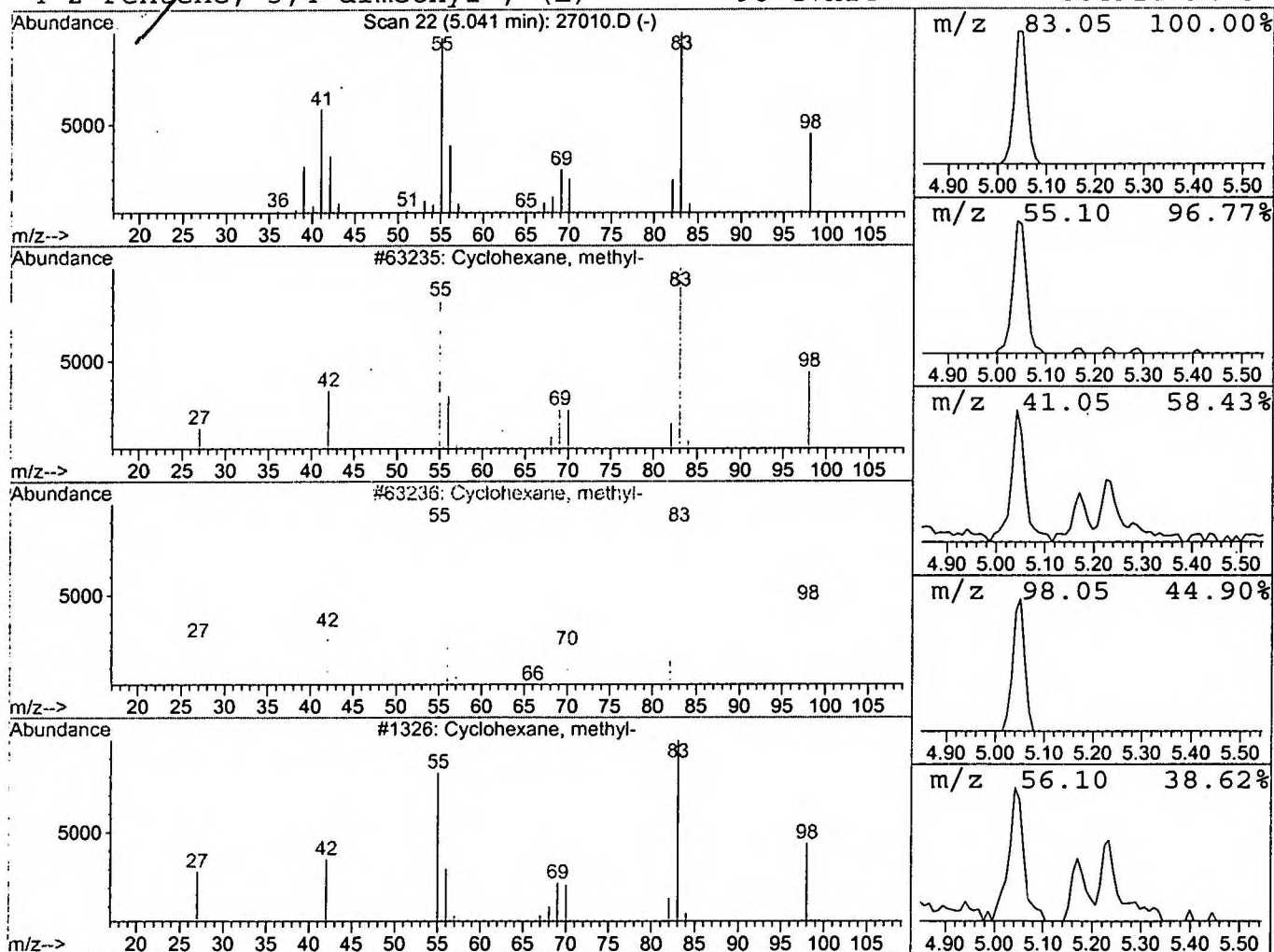
Vial: 34
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 Cyclohexane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	0.51 ng/uL	208115	1,4-Dichlorobenzene-d4	11.88

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclohexane, methyl-	98	C7H14	000108-87-2	94
2		Cyclohexane, methyl-	98	C7H14	000108-87-2	94
3		Cyclohexane, methyl-	98	C7H14	000108-87-2	93
4		2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0701\27010.D
 Acq On : 7 Dec 2001 6:06 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

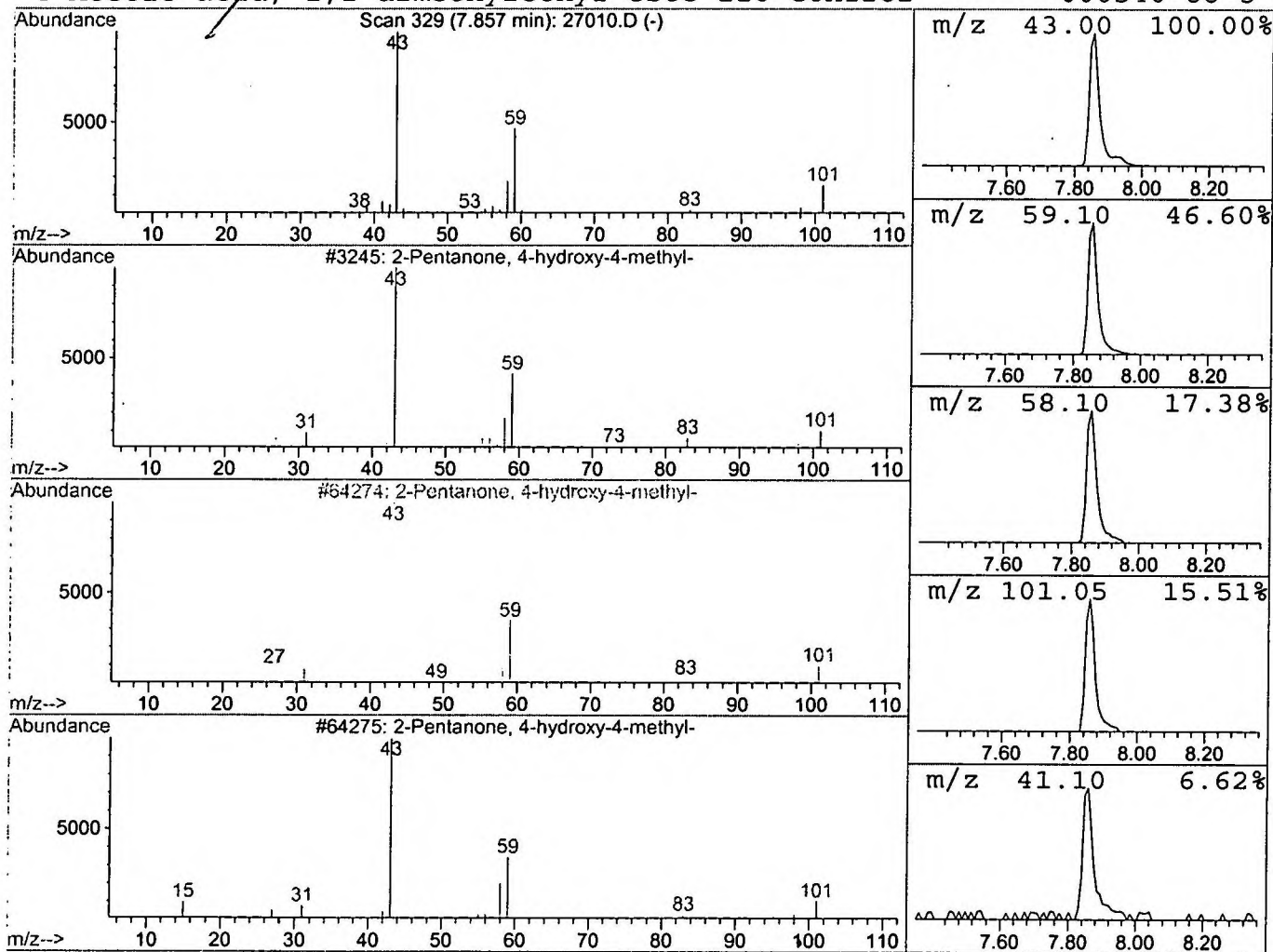
Vial: 34
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	1.92 ng/uL	785296	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	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
4		Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 7 Dec 2001 6:06 pm
Data File: C:\HPCHEM\1\DATA\DEC0701\27010.D
Name: gc/ms unknown
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
Cyclohexane, methyl-	5.04	0.5	ng/uL	208115	ISTD01	11.88	8176280	20.0
2-Pentanone, 4-hydro	7.86	1.9	ng/uL	785296	ISTD01	11.88	8176280	20.0

27010.D NP010302.M Wed Jan 09 12:22:03 2002