

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 09:56:28

Sample: AD27774
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/3/02 09:54 Ended: 1/3/02 09:54 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 AD27774 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-03-2002 Time: 09:56:39

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\27774.D

Vial: 34

Acq On : 19 Dec 2001 11:28 pm

Operator: 209 GALOS

Sample : gc/msunknown 11/19

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Dec 20 0:17 2001

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Dec 14 12:19:30 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.66	152	1057633	20.00	ug/l	-0.04
10) Naphthalene-d8	15.27	136	4056823	20.00	ug/l	-0.04
17) Acenaphthene-d10	20.56	164	2025846	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2993391	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1960998	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1351166	20.00	ug/l	0.00

System Monitoring Compounds

37) 2,4-DDD	0.00	235	0	0.00	ug/mL
Spiked Amount	5.000		Recovery	=	0.00%

Target Compounds

				Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.
3) bis(2-Chloroethyl) ether	0.00	93	0	N.D.
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.
9) Hexachloroethane	0.00	117	0	N.D.
11) Nitrobenzene	0.00	77	0	N.D.
12) Isophorone	0.00	82	0	N.D.
13) bis(2-Chloroethoxy) methane	0.00	93	0	N.D.
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.
15) Naphthalene	15.34	128	454	N.D.
16) Hexachlorobutadiene	0.00	225	0	N.D.
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.
19) 2-Chloronaphthalene	0.00	162	0	N.D.
20) Dimethylphthalate	0.00	163	0	N.D.
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.
22) Acenaphthylene	0.00	152	0	N.D.
23) Acenaphthene	0.00	153	0	N.D.
24) 2,4-Dinitrotoluene	21.16	165	287	N.D.
25) Diethylphthalate	0.00	149	0	N.D.
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.
27) Fluorene	0.00	166	0	N.D.
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.

(#) = qualifier out of range (m) = manual integration

27774.D GCMS1126.M Mon Dec 31 15:01:42 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27774.D

Vial: 34

Acq On : 19 Dec 2001 11:28 pm

Operator: 209 GALOS

Sample : gc/msunknown 11/19

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: GOOFY.P

Quant Time: Dec 20 0:17 2001

Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Dec 14 12:19:30 2001

Response via : Initial Calibration

DataAcq Meth : GCMS1126

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.		
32) Hexachlorobenzene	0.00	284	0	N.D.		
33) Phenanthrene	24.98	178	995 ✓	N.D.		
34) Anthracene	24.98	178	995 ✓	N.D.		
35) Di-n-butylphthalate	27.02	149	1991 ✓	N.D.		
36) Fluoranthene	0.00	202	0	N.D.		
39) Pyrene	0.00	202	0	N.D.		
40) Butylbenzylphthalate	0.00	149	0	N.D.		
41) Benzo(a)anthracene	33.01	228	4467 ✓	N.D.		
42) Bis(2-ethylhexyl)phthalate	33.29	149	1049 ✓	N.D.		
43) Chrysene	33.01	228	4467 ✓	N.D.		
45) Di-n-Octylphthalate	0.00	149	0	N.D.		
46) Benzo(b)fluoranthene	0.00	252	0	N.D.		
47) Benzo(k)fluoranthene	0.00	252	0	N.D.		
48) Benzo(a)pyrene	37.11	252	5175 ✓	N.D.		
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.		
51) Benzo(g,h,i)perylene	0.00	276	0	N.D.		

(#) = qualifier out of range (m) = manual integration

27774.D GCMS1126.M

Mon Dec 31 15:01:45 2001

Page 2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27774.D

Acq On : 19 Dec 2001 11:28 pm

Sample : gc/msunknown 11/19

Misc :

MS Integration Params: GOOFY.P

Quant Time: Dec 20 0:17 2001

Vial: 34

Operator: 209 GALOS

Inst : GC/MS 209

Multiplier: 1.00

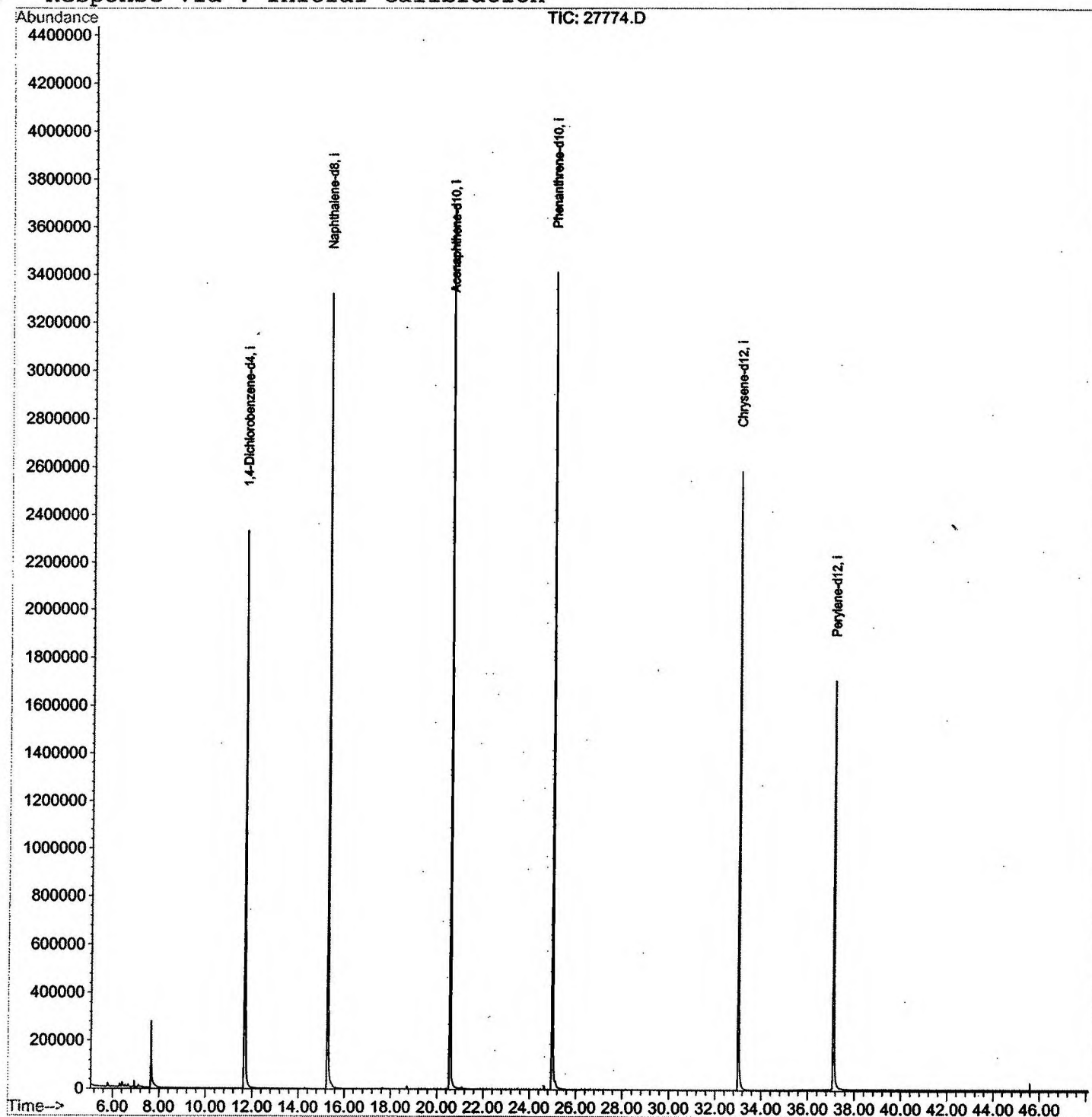
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Dec 28 15:11:00 2001

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27774.D

Vial: 34

Acq On : 19 Dec 2001 11:28 pm

Operator: 209 GALOS

Sample : gc/msunknown 11/19

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)

Title : 209 625/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	7.649	280	284	298	rBV	275212	722148	8.48%	1.712%
2	11.661	716	721	751	rBV	2332648	6071358	71.29%	14.397%
3	15.269	1109	1114	1134	rBV	3320222	7831859	91.97%	18.572%
4	20.557	1683	1690	1712	rBV	3695020	8515948	100.00%	20.194%
5	24.973	2165	2171	2185	rBV2	3410830	7909820	92.88%	18.756%
6	33.014	3040	3047	3074	rBV2	2583596	6195406	72.75%	14.691%
7	37.109	3486	3493	3521	rBV	1701282	4924648	57.83%	11.678%

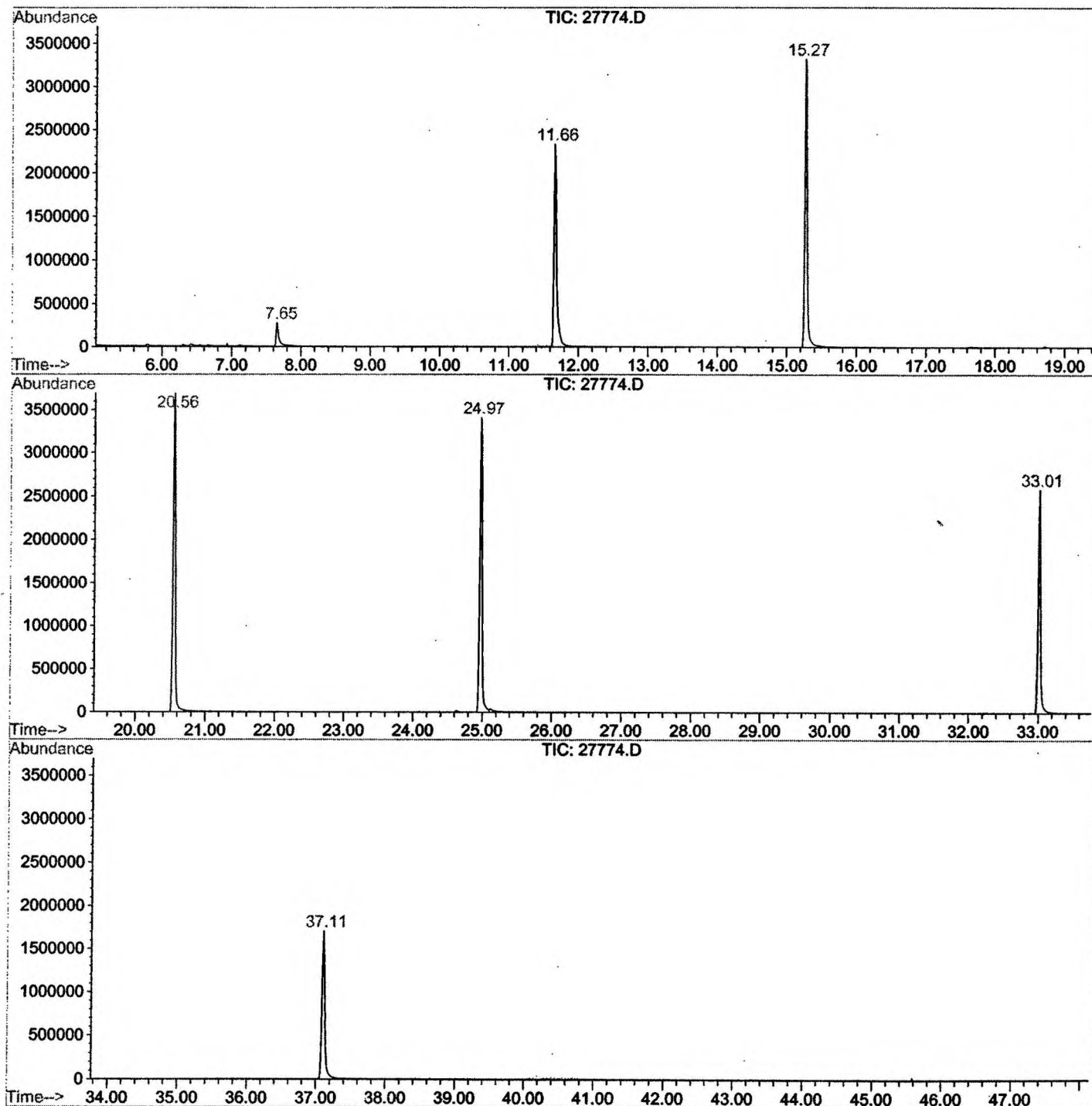
Sum of corrected areas: 42171187

27774.D GCMS1126.M

Wed Jan 02 12:03:37 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27774.D
 Operator : 209 GALOS
 Acquired : 19 Dec 2001 11:28 pm using AcqMethod GCMS1126
 Instrument : GC/MS 209
 Sample Name: gc/msunknown 11/19
 Misc Info :
 Vial Number: 34
 Quant File :GCMS1126.RES (RTE Integrator)



27774.D GCMS1126.M

Wed Jan 02 12:03:42 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27774.D
Acq On : 19 Dec 2001 11:28 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

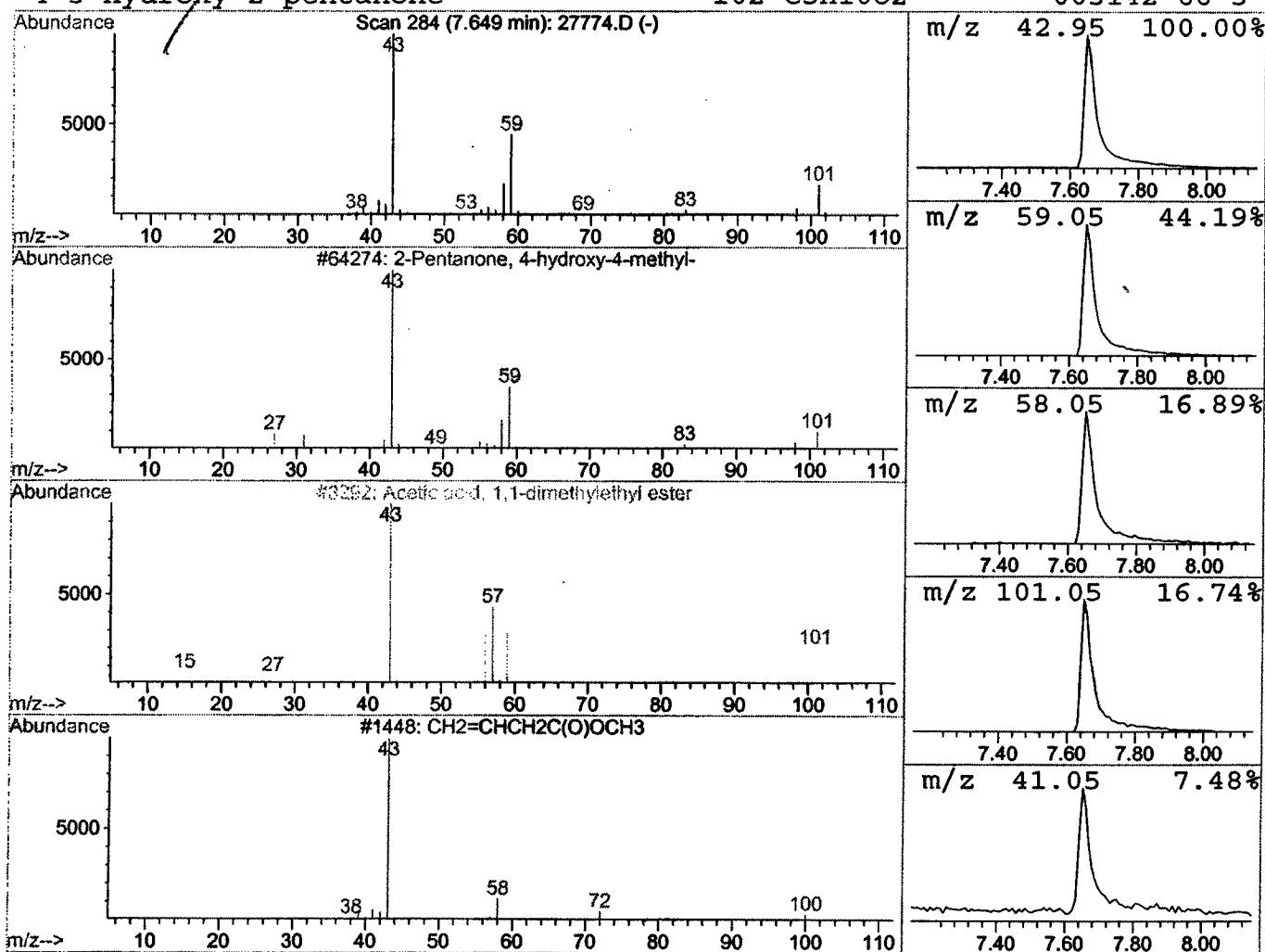
Vial: 34
Operator: 209 GALOS
Inst. : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	2.38 ug/l	722148	1,4-Dichlorobenzene-d4	11.66

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10
4			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Dec 2001 11:28 pm
 Data File: C:\HPCHEM\1\DATA\DEC1901\27774.D
 Name: gc/msunknown 11/19
 Misc:
 Method: C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
 Title: 209 625/TCLP calibration table
 Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
2-Pentanone, 4-hydro	7.65	2.4	ug/l	722148	ISTD01	11.66	6071360	20.0

27774.D GCMS1126.M Wed Jan 02 12:03:52 2002