

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/12/2001 Time: 09:13:39

Sample: AD26009
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/12/01 09:13 Ended: 12/12/01 09:13 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 AD26009 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-12-2001 Time: 09:13:45

A 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\NOV2001\26009.D

Vial: 2

Acq On : 20 Nov 2001 1:34 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 20 14:23 2001

Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Nov 02 16:41:16 2001

Response via : Initial Calibration

DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	772134	20.00	ug/l	-0.02
19) Naphthalene-d8	15.31	136	2954045	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.59	164	1487621	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	2298510	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1746747	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	1297002	20.00	ug/l	0.00

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
6) 2-Chlorophenol-d4	11.72	132	478	0.01	ug/l	0.48
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.19	152	1109	0.03	ug/l	-0.06
Spiked Amount	50.000		Recovery	=	0.06%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.75	172	1852	0.02	ug/l	0.13
Spiked Amount	50.000		Recovery	=	0.04%	
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount	75.000		Recovery	=	0.00%	
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	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

26009.D NP103001.M

Mon Dec 10 14:59:06 2001

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Quantitation Report

(QT Reviewed)

Lata File : C:\HPCHEM\1\DATA\NOV2001\26009.D

Vial: 2

Acq On : 20 Nov 2001 1:34 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 20 14:23 2001

Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Nov 02 16:41:16 2001

Response via : Initial Calibration

DataAcq Meth : NP103001

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
17) N-Nitroso-di-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	15.37	128	518	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.		
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	20.94	165	875	N.D.		
45) Diethylphthalate	0.00	149	0	N.D.		
46) 4-Chlorophenyl-phenylether	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	168	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	25.02	178	767	N.D.		
56) Anthracene	25.02	178	767	N.D.		
57) Di-n-butylphthalate	27.04	149	3919	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

26009.D NP103001.M Mon Dec 10 14:59:11 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV2001\26009.D
Acq On : 20 Nov 2001 1:34 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 20 14:23 2001

Vial: 2
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

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	33.06	228	4077	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	6296	N.D.		
67) Chrysene	33.06	228	4077	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	37.16	252	5115	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
26009.D NP103001.M Mon Dec 10 14:59:14 2001

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV2001\26009.D

Vial: 2

Acq On : 20 Nov 2001 1:34 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 20 14:23 2001

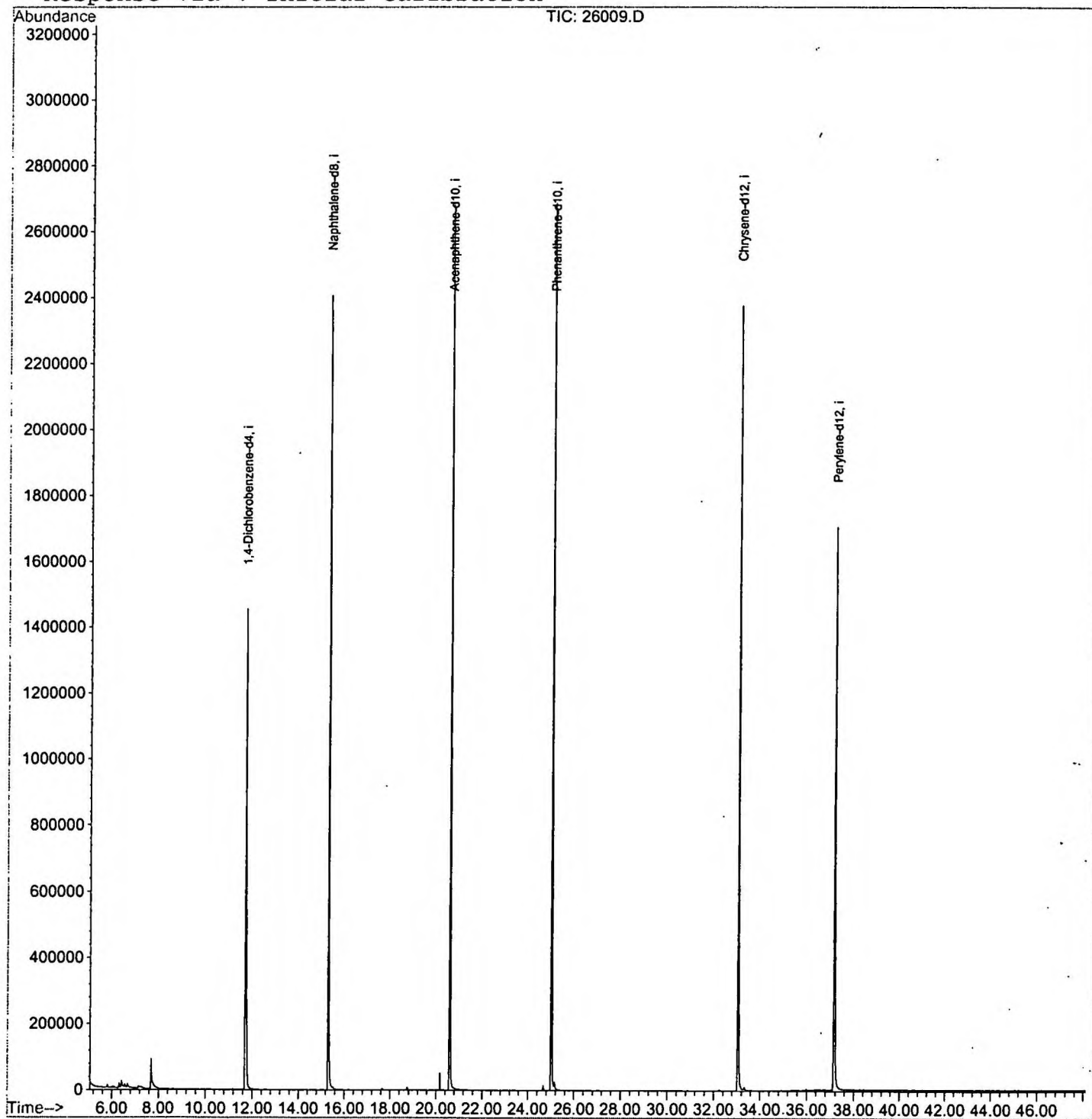
Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Fri Nov 02 16:41:16 2001

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV2001\26009.D

Vial: 2

Acq On : 20 Nov 2001 1:34 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP103001.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	6.418	147	150	160	rVV2	22767	72317	1.20%	0.225%
2	7.685	284	288	303	rBV	91146	288486	4.80%	0.898%
3	11.706	721	726	748	rBV	1453277	4032797	67.10%	12.552%
4	15.314	1113	1119	1137	rBV	2408404	5411131	90.03%	16.842%
5	20.593	1688	1694	1718	rBV	2683070	5937374	98.78%	18.480%
6	25.017	2169	2176	2187	rBV2	2688816	6010433	100.00%	18.708%
7	33.059	3045	3052	3071	rBV2	2377198	5532191	92.04%	17.219%
8	37.163	3490	3499	3517	rBV	1703856	4843535	80.59%	15.076%

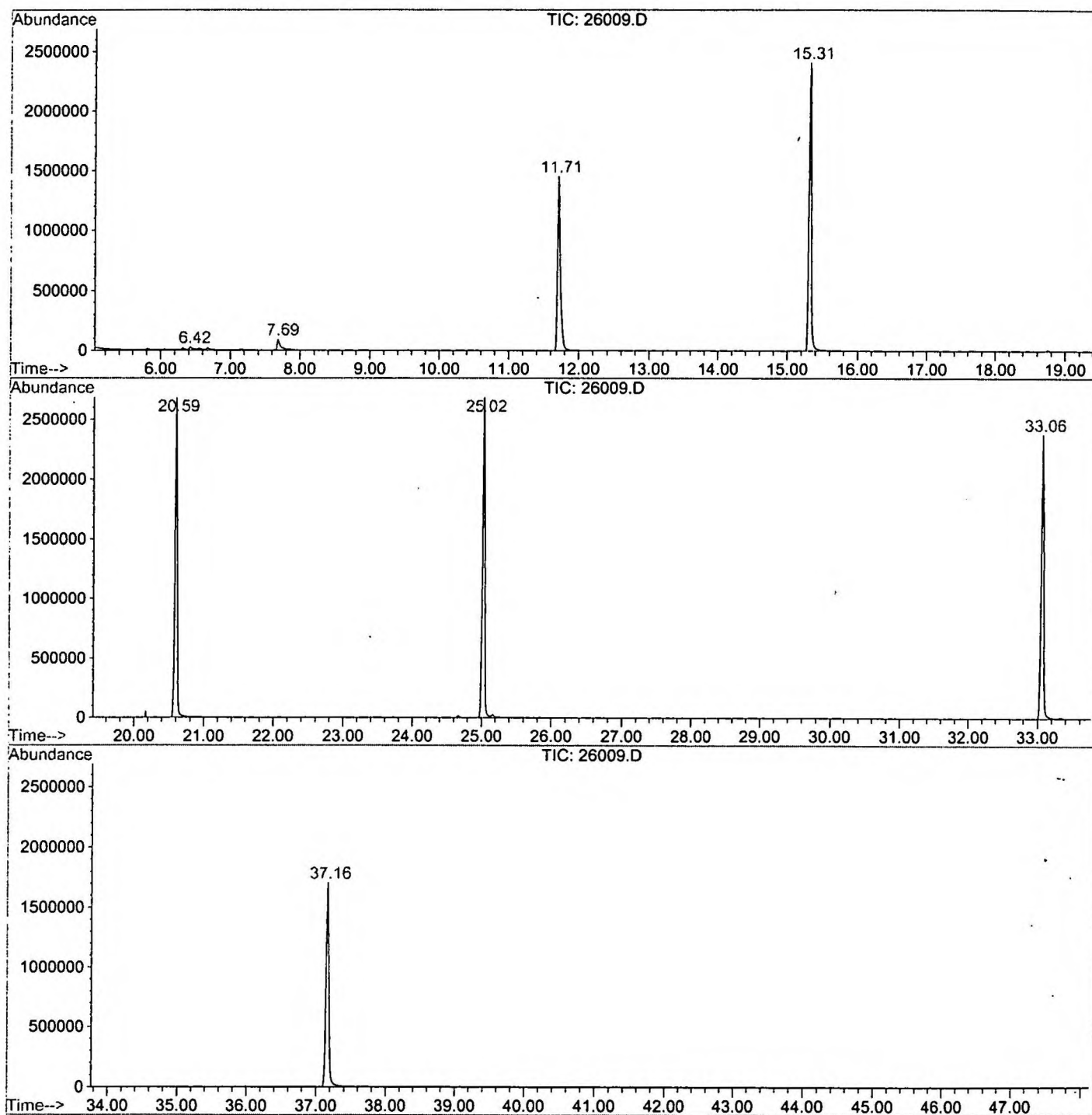
Sum of corrected areas: 32128264

26009.D NP103001.M

Tue Dec 11 09:20:53 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV2001\26009.D
Operator : 209 GALOS
Acquired : 20 Nov 2001 1:34 pm using AcqMethod NP103001
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 2
Quant File :NP103001.RES (RTE Integrator)



26009.D NP103001.M

Tue Dec 11 09:20:58 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV2001\26009.D
 Acq On : 20 Nov 2001 1:34 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

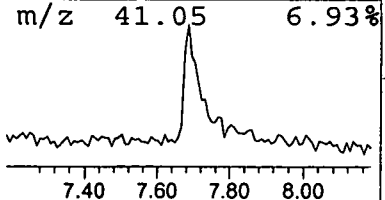
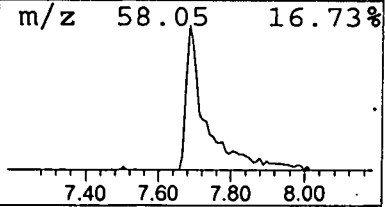
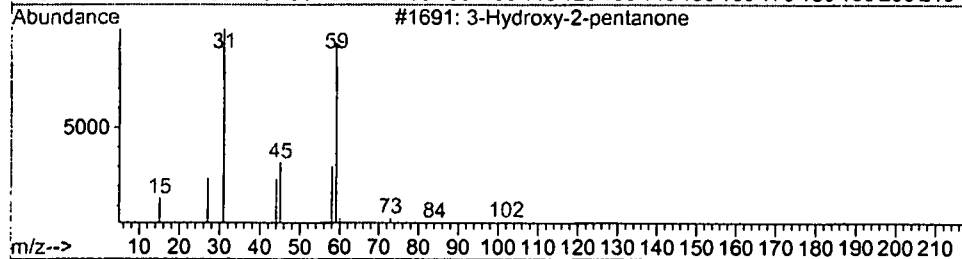
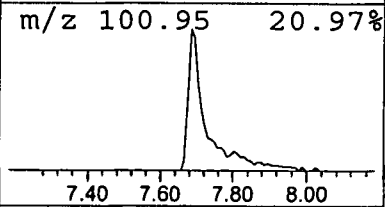
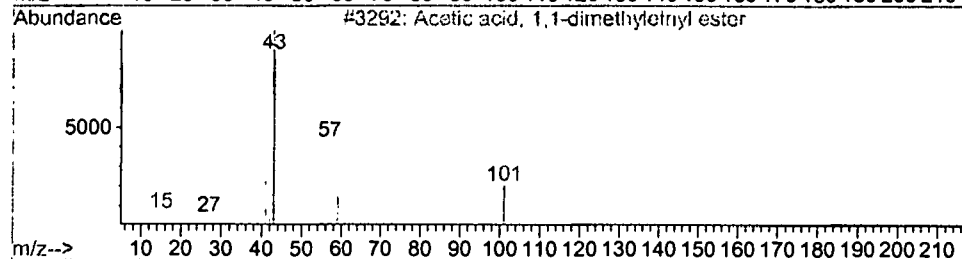
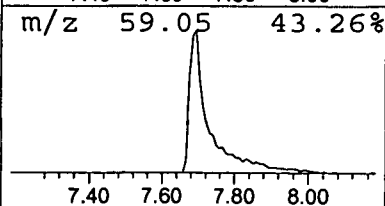
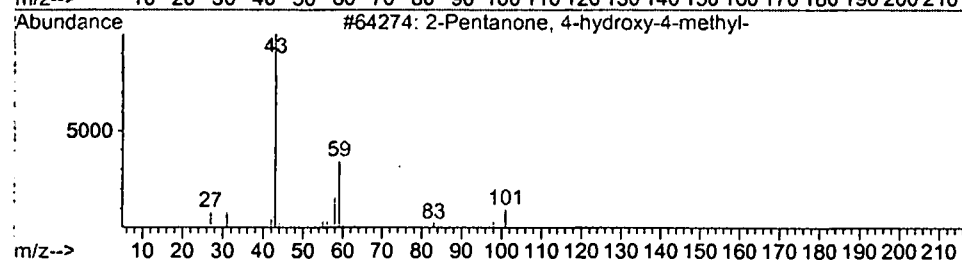
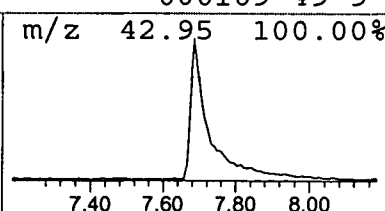
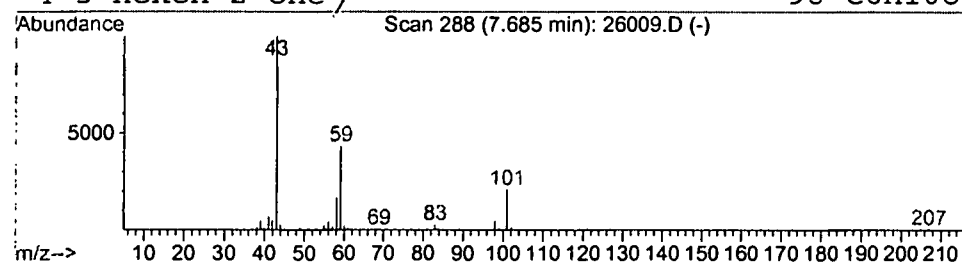
Vial: 2
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP103001.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.
7.69	1.43 ug/l	288486	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	64
3			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
4			5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 20 Nov 2001 1:34 pm
Data File: C:\HPCHEM\1\DATA\NOV2001\26009.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.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	7.69	1.4	ug/l	288486	ISTD01	11.71	4032800	20.0

26009.D NP103001.M Tue Dec 11 09:21:08 2001