

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/01/2001 Time: 13:50:45

Sample: AD23837
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/1/01 13:49 Ended: 11/1/01 13:49 Analyst: MG
Page: 1

	Component Name	Viol.	Result
1	Other unknown compounds		see comment

Comments for Sample AD23837 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-01-2001 Time: 13:50:50

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\OCT3001\23837.D

Vial: 11

Acq On : 31 Oct 2001 12:17 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 31 12:07 2001

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Oct 23 10:12:13 2001

Response via : Initial Calibration

DataAcq Meth : NP101901

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	1002890	20.00	ug/l	-0.04
19) Naphthalene-d8	15.32	136	3975940m	20.00	ug/l	-0.04
31) Acenaphthene-d10	20.60	164	1937289	20.00	ug/l	-0.04
49) Phenanthrene-d10	25.02	188	2786526m	20.00	ug/l	-0.04
59) Chrysene-d12	33.07	240	1744861m	20.00	ug/l	-0.04
68) Perylene-d12	37.16	264	1258188	20.00	ug/l	-0.04

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	0.00	132	0	0.00	ug/l	
Spiked Amount 75.000			Recovery	=	0.00%	
7) 1,2-Dichlorobenzene-d4	12.23	152	11126	0.16	ug/l	-0.04
Spiked Amount 50.000			Recovery	=	0.32%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	4482	0.02	ug/l	0.09
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.
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.

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3001\23837.D

Vial: 11

Acq On : 31 Oct 2001 12:17 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 31 12:07 2001

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Oct 23 10:12:13 2001

Response via : Initial Calibration

DataAcq Meth : NP101901

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
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	15.38	128	533	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	21.06	165	303	N.D.		
45) Diethylphthalate	22.10	149	625	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	0.00	178	0	N.D.	d	
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	0.00	149	0	N.D.	d	
58) Fluoranthene	0.00	202	0	N.D.	d	
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		
61) Benzidine	0.00	184	0	N.D.		
63) Pyrene	29.37	202	240	N.D.		
64) Butylbenzylphthalate	0.00	149	0	N.D.		
65) Benzo(a)anthracene	0.00	228	0	N.D.	d	
66) Bis-(2-ethylhexyl)phthalate	33.33	149	5397	N.D.		
67) Chrysene	0.00	228	0	N.D.	d	
69) Di-n-Octylphthalate	35.08	149	1842	N.D.		
70) Benzo(b)fluoranthene	36.09	252	1795	N.D.		

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3001\23837.D

Vial: 11

Acq On : 31 Oct 2001 12:17 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 31 12:07 2001

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table

Last Update : Tue Oct 23 10:12:13 2001

Response via : Initial Calibration

DataAcq Meth : NP101901

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	36.15	252	2210	N.D.	
72) Benzo(a)pyrene	36.99	252	1705	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
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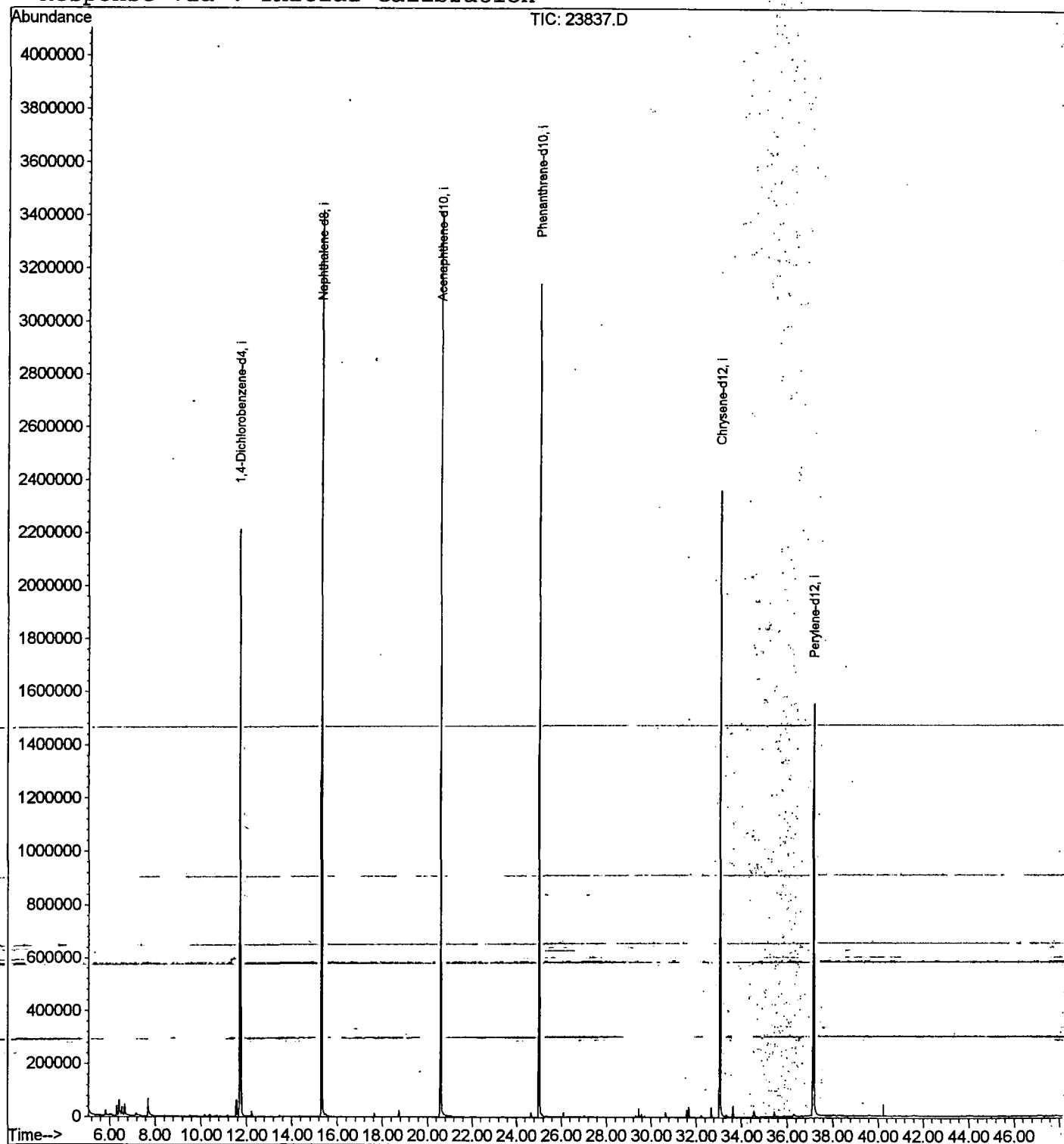
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23837.D
Acq On : 31 Oct 2001 12:17 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:07 2001

Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP101901.RES

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23837.D
 Acq On : 31 Oct 2001 12:17 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 11
 Operator: 209 GALOS
 Inst: GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0
 Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 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	6.323	135	139	146	rBV	36937	80058	1.05%	0.208%
2	6.424	146	150	161	rVV2	59281	153399	2.02%	0.399%
3	6.553	161	164	173	rVV	31924	78875	1.04%	0.205%
4	6.672	173	177	189	rVB	41994	96506	1.27%	0.251%
5	7.700	285	289	304	rBV	64926	191586	2.52%	0.499%
6	11.575	706	711	720	rBV	63105	148843	1.96%	0.387%
7	11.712	720	726	740	rBV	2211863	5289293	69.66%	13.765%
8	15.320	1113	1119	1136	rBV	3417696	7286488	95.97%	18.962%
9	20.599	1687	1694	1706	rBV	3415489	7592606	100.00%	19.759%
10	25.024	2169	2176	2189	rBV2	3145521	7063369	93.03%	18.381%
11	31.679	2896	2901	2907	rBV	37763	76943	1.01%	0.200%
12	33.066	3044	3052	3065	rBV2	2362691	5628919	74.14%	14.648%
13	33.635	3107	3114	3123	rVB	42932	95780	1.26%	0.249%
14	37.169	3489	3499	3519	rBV2	1552025	4644305	61.17%	12.086%

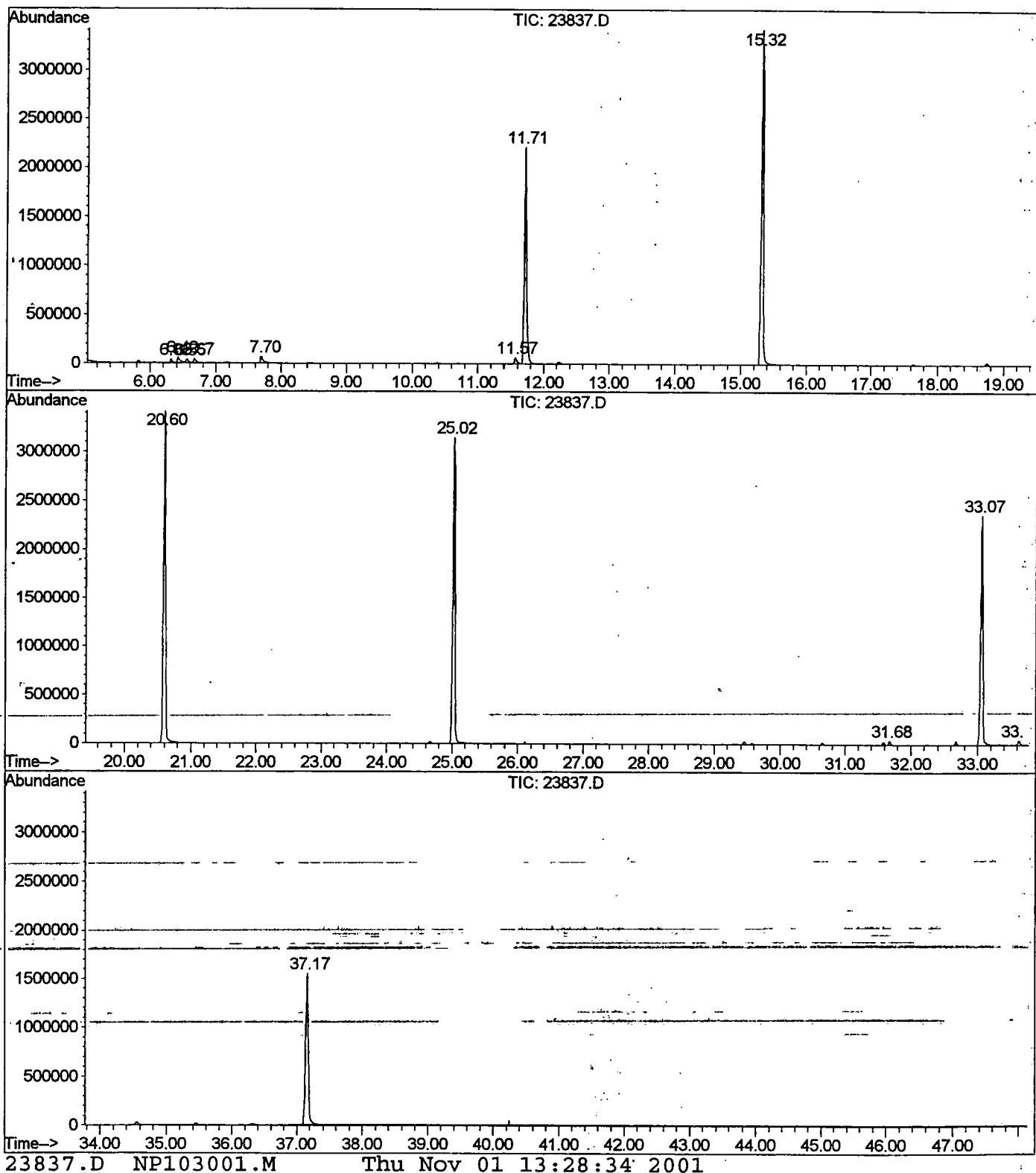
Sum of corrected areas: 38426970

23837.D NP103001.M

Thu Nov 01 13:28:31 2001

- LSC-Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT3001\23837.D
 Operator : 209 GALOS
 Acquired : 31 Oct 2001 12:17 am using AcqMethod NP101901
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 11
 Quant File :NP101901.RES (RTE Integrator)



23837.D NP103001.M Thu Nov 01 13:28:34 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23837.D
Acq On : 31 Oct 2001 12:17 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

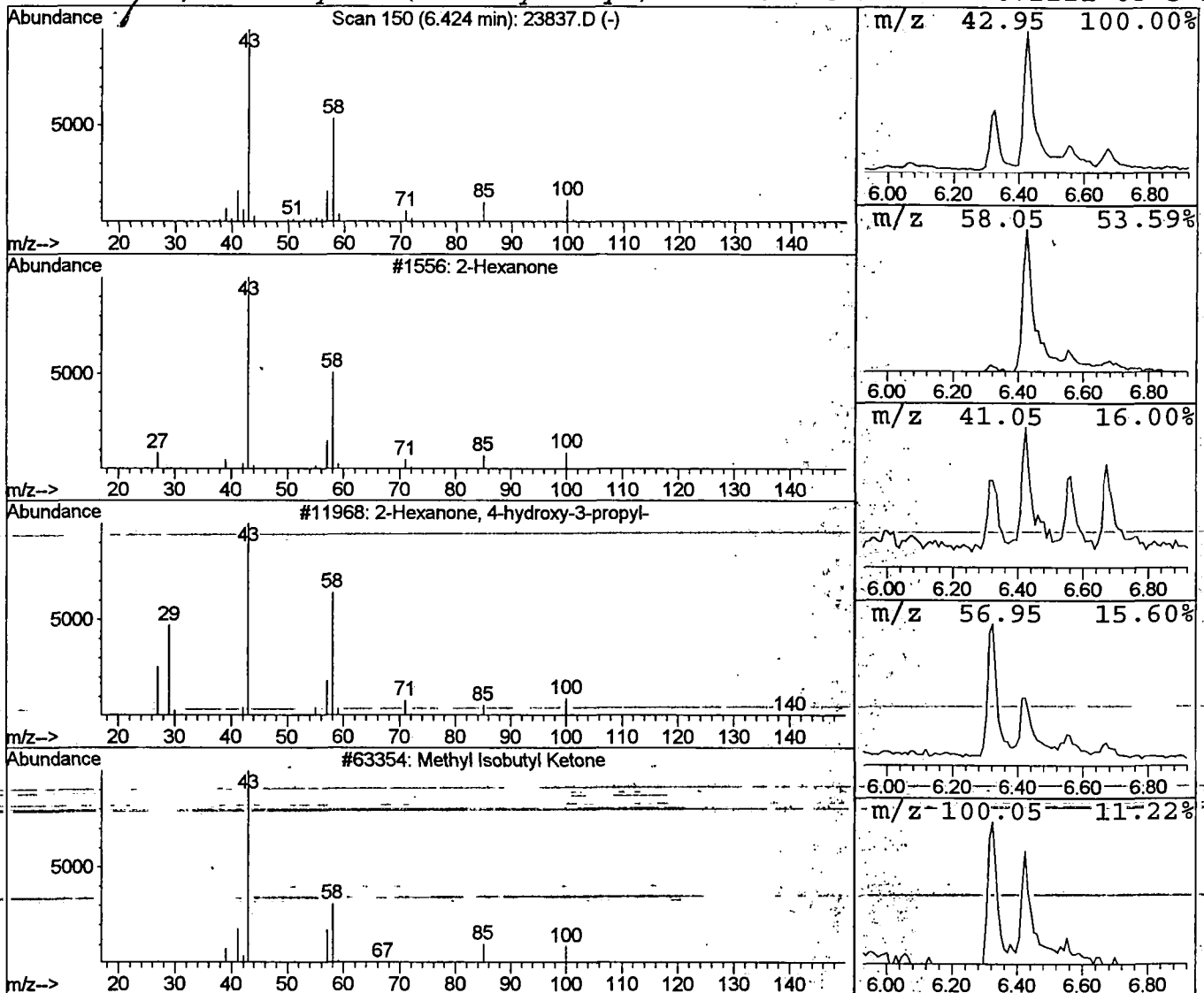
Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.58 ug/l	153399	1,4-Dichlorobenzene-d4	11.71

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	91
2			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	64
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58
4			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23837.D
Acq On : 31 Oct 2001 12:17 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

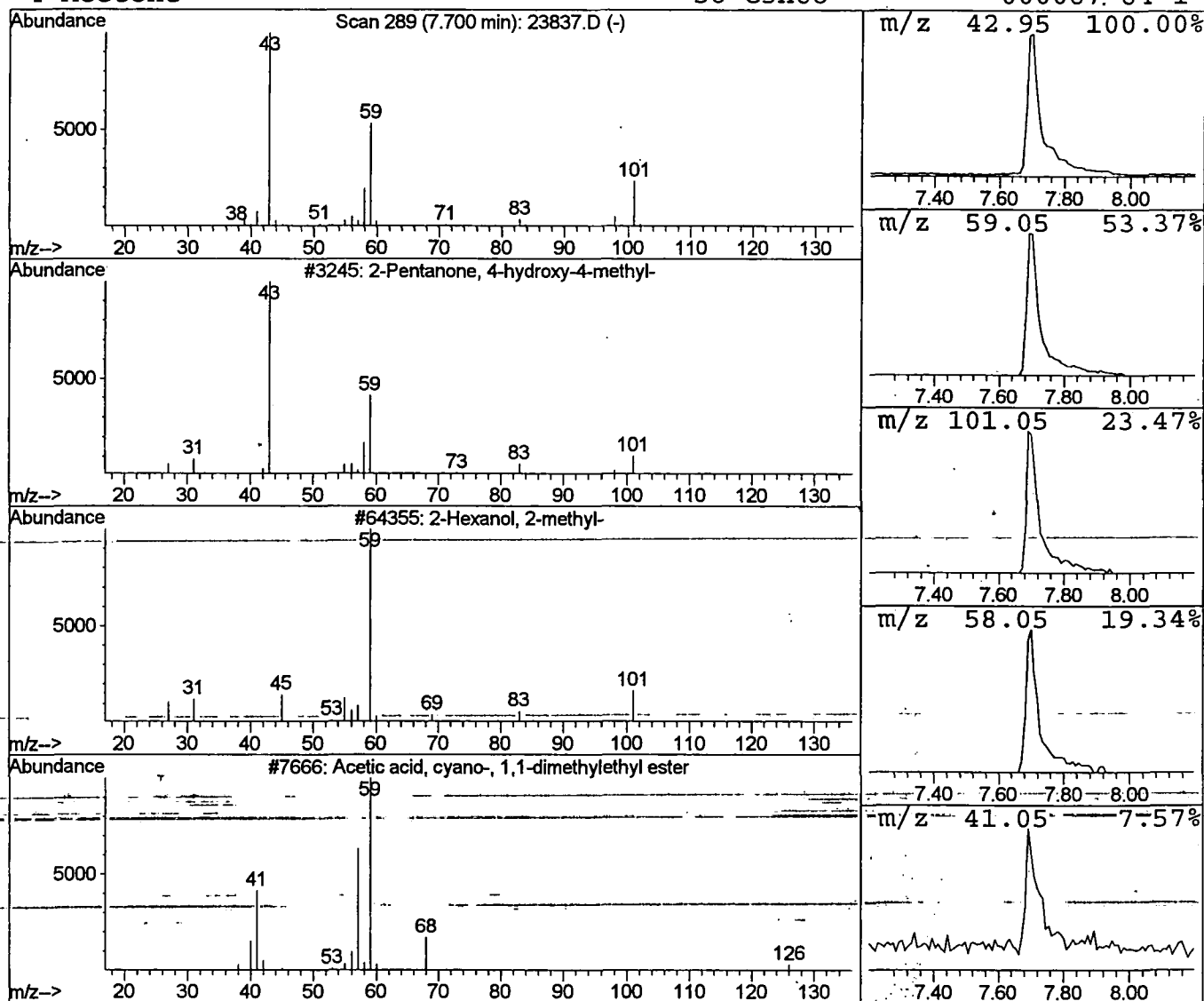
Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/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.
7.70	0.72 ug/l	191586	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	39
2			2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	17
3			Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	12
4			Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23837.D
Acq On : 31 Oct 2001 12:17 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

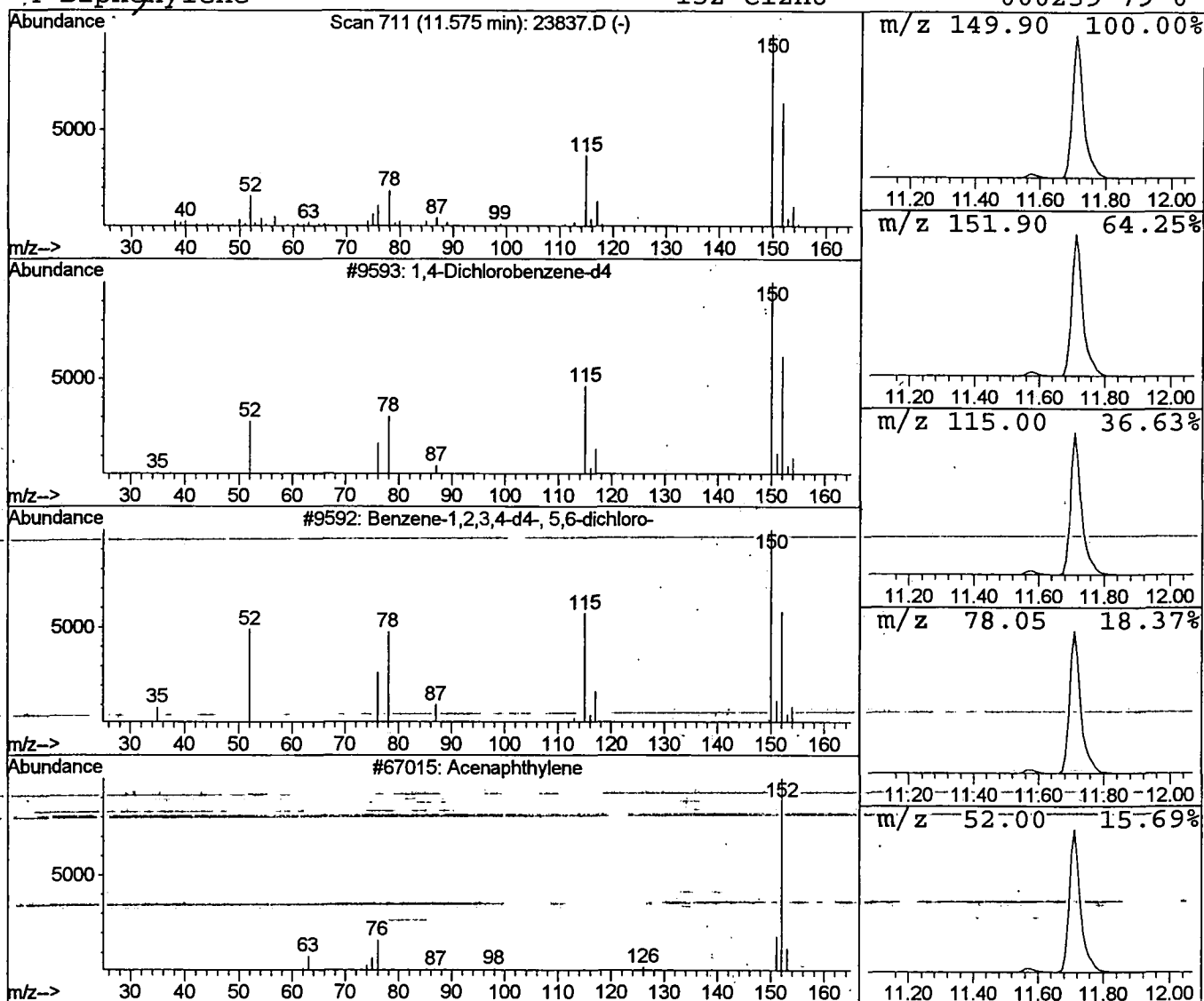
Vial: 11
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.56 ug/l	148843	1,4-Dichlorobenzene-d4	11.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	53
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	12
3		Acenaphthylene	152	C12H8	000208-96-8	10
4		Biphenylene	152	C12H8	000259-79-0	9



Tentatively Identified Compound--(LSC)--summary

Operator ID: 209 GALOS Date Acquired: 31 Oct 2001 12:17 am
Data File: C:\HPCHEM\1\DATA\OCT3001\23837.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP101901.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-Hexanone	6.42	0.6	ug/l	153399	ISTD01	11.71	5289290	20.0
2-Pentanone, 4-hydro	7.70	0.7	ug/l	191586	ISTD01	11.71	5289290	20.0
1,4-Dichlorobenzene-	11.57	0.6	ug/l	148843	ISTD01	11.71	5289290	20.0

23837.D NP103001.M Thu Nov 01 13:28:42 2001

Comments for Sample AD23837 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-05-2001 Time: 15:56:40

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 generally different than those present in the Laboratory Blank.