

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/16/2001 Time: 09:14:23

Sample: AD23326
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/16/01 09:13 Ended: 10/16/01 09:13 Analyst: MG
Page: 1

	Component Name	Viol.	Result
1	Other unknown compounds		see comment

Comments for Sample AD23326 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-16-2001 Time: 09:14:37

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\OCT0901\23326.D

Acq On : 10 Oct 2001 1:04 am

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 11 10:28 2001

Vial: 13

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Last Update : Thu Sep 13 12:47:04 2001

Response via : Initial Calibration

DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.76	152	350806	20.00	ug/l	-0.14
19) Naphthalene-d8	15.37	136	1398665	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	641090	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.09	188	899802	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	592191	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	440679	20.00	ug/l	-0.19

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	12.29	152	3569	0.21	ug/l	-0.14
Spiked Amount 50.000			Recovery =	0.42%		
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery =	0.00%		
32) 2-Fluorobiphenyl	18.81	172	1280	0.03	ug/l	0.00
Spiked Amount 50.000			Recovery =	0.06%		
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

23326.D NP091101.M Thu Oct 11 12:44:08 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0901\23326.D

Vial: 13

Acq On : 10 Oct 2001 1:04 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 11 10:28 2001

Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Last Update : Thu Sep 13 12:47:04 2001

Response via : Initial Calibration

DataAcq Meth : NP091101

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	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-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	25.08	178	101	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.09	149	2341	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		
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	33.13	228	1288	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.38	149	3535	N.D.		
67) Chrysene	33.20	228	486	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		

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

23326.D NP091101.M Thu Oct 11 12:44:13 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT0901\23326.D

Vial: 13

Acq On : 10 Oct 2001 1:04 am

Operator: 209. GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 11 10:28 2001

Quant Results File: NP091101.RES

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Last Update : Thu Sep 13 12:47:04 2001

Response via : Initial Calibration

DataAcq Meth : NP091101

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.23	252	1584	N.D.		
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
74) Dibenz(a,h)anthracene	41.04	278	540	N.D.		
75) Benzo(g,h,i)perylene	42.11	276	1018	N.D.		

(#) = qualifier out of range (m) = manual integration
23326.D NP091101.M Thu Oct 11 12:44:14 2001

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23326.D

Acq On : 10 Oct 2001 1:04 am

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 11 10:28 2001

Vial: 13

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

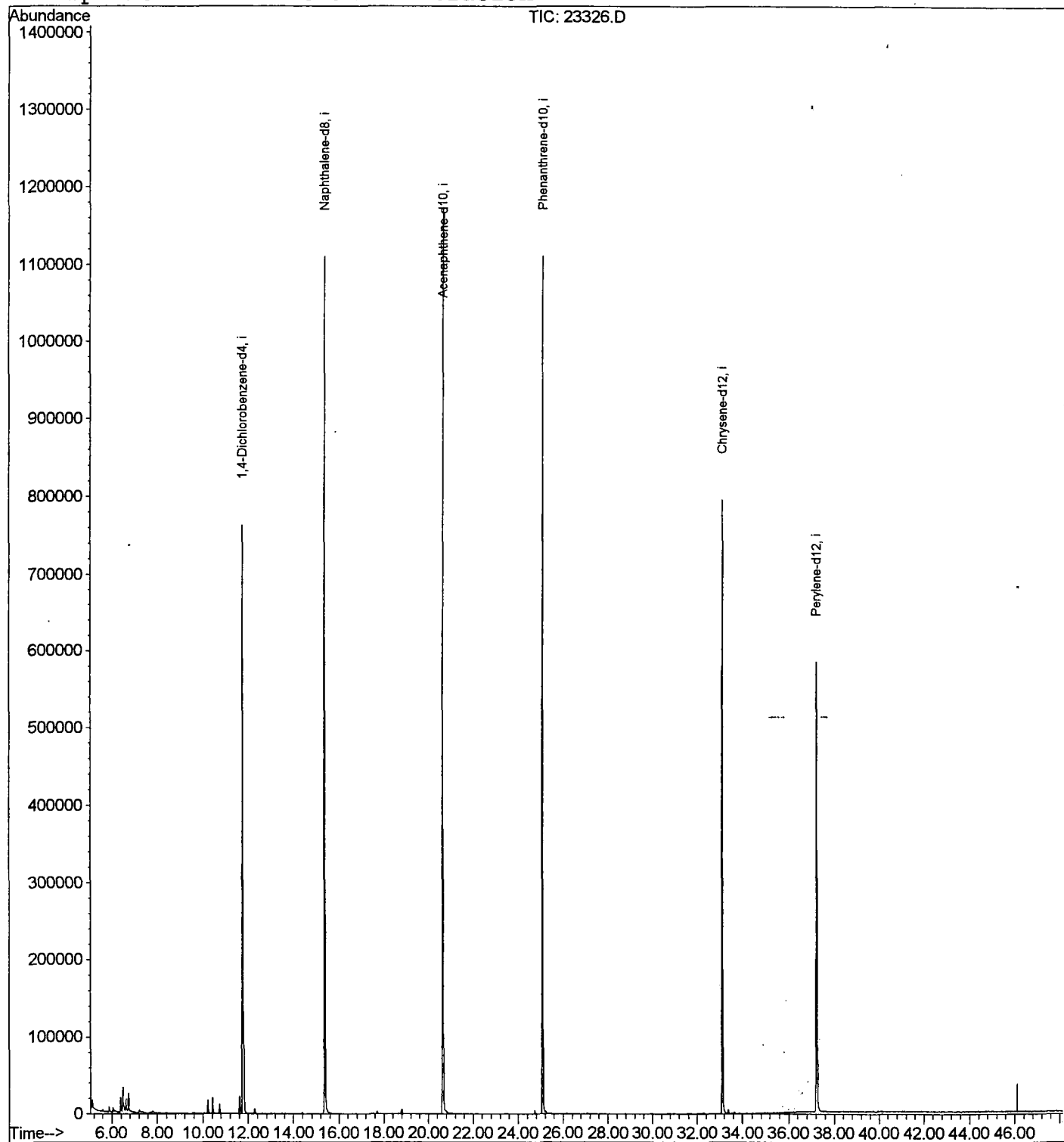
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Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Last Update : Thu Sep 13 12:47:04 2001

Response via : Initial Calibration



23326.D NP091101.M

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23326.D

Acq On : 10 Oct 2001 1:04 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 13

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

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	5.136	8	10	23	rVB	12083	31635	1.23%	0.241%
2	6.385	141	146	152	rBV	19611	41168	1.60%	0.313%
3	6.486	153	157	167	rVV2	31793	82182	3.19%	0.625%
4	6.623	168	172	177	rVV	15961	35453	1.38%	0.270%
5	6.734	180	184	192	rVB	23699	50824	1.97%	0.387%
6	10.213	559	563	577	rVB	18046	40208	1.56%	0.306%
7	10.424	582	586	595	rBV	20509	46674	1.81%	0.355%
8	10.745	616	621	628	rBV	12118	27276	1.06%	0.208%
9	11.627	711	717	727	rBV	22643	50465	1.96%	0.384%
10	11.764	727	732	746	rBV	762115	1830351	71.04%	13.928%
11	15.372	1119	1125	1143	rBV	1109426	2549671	98.96%	19.402%
12	20.660	1694	1701	1719	rBV	1173430	2576586	100.00%	19.607%
13	25.085	2176	2183	2194	rBV	1110478	2322543	90.14%	17.674%
14	33.118	3051	3058	3074	rBV2	794825	1841725	71.48%	14.015%
15	37.231	3498	3506	3520	rBV2	582581	1614301	62.65%	12.284%

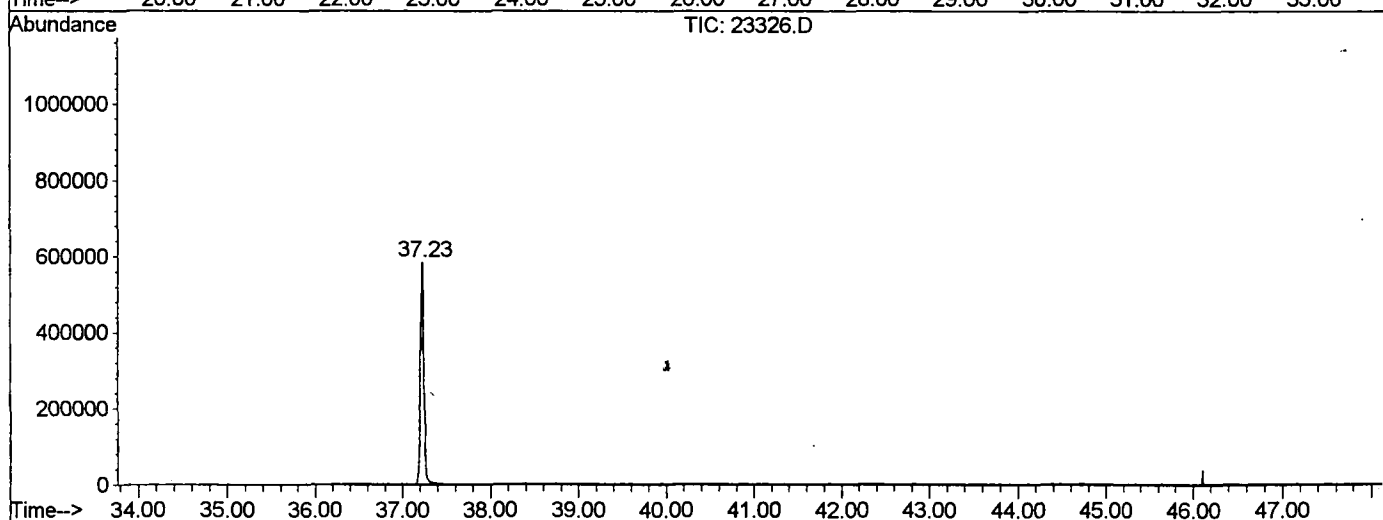
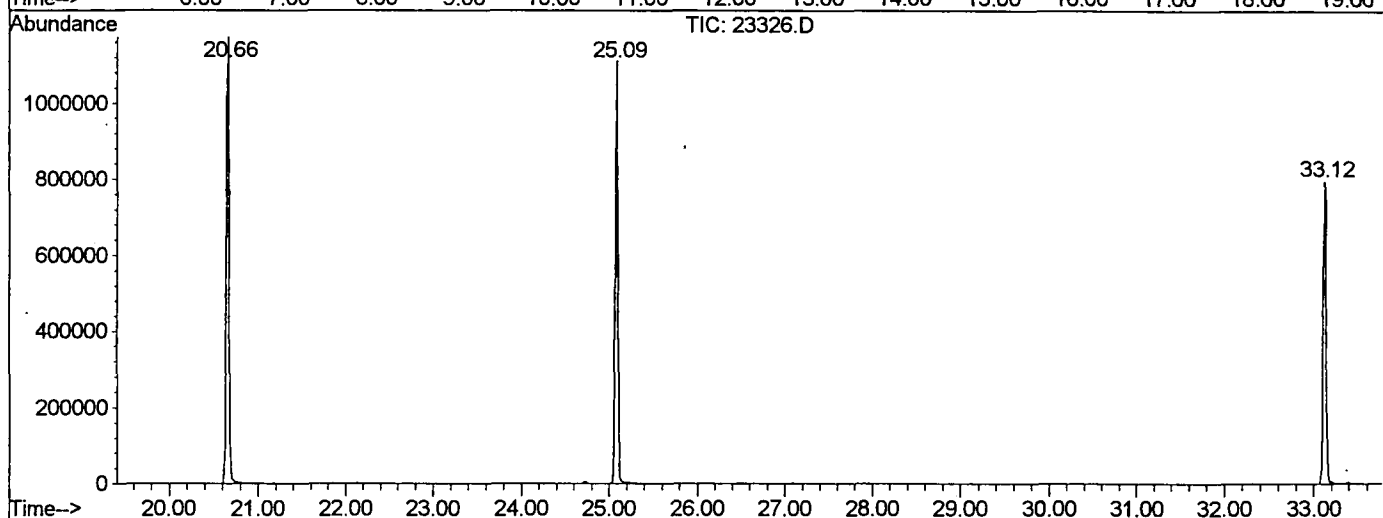
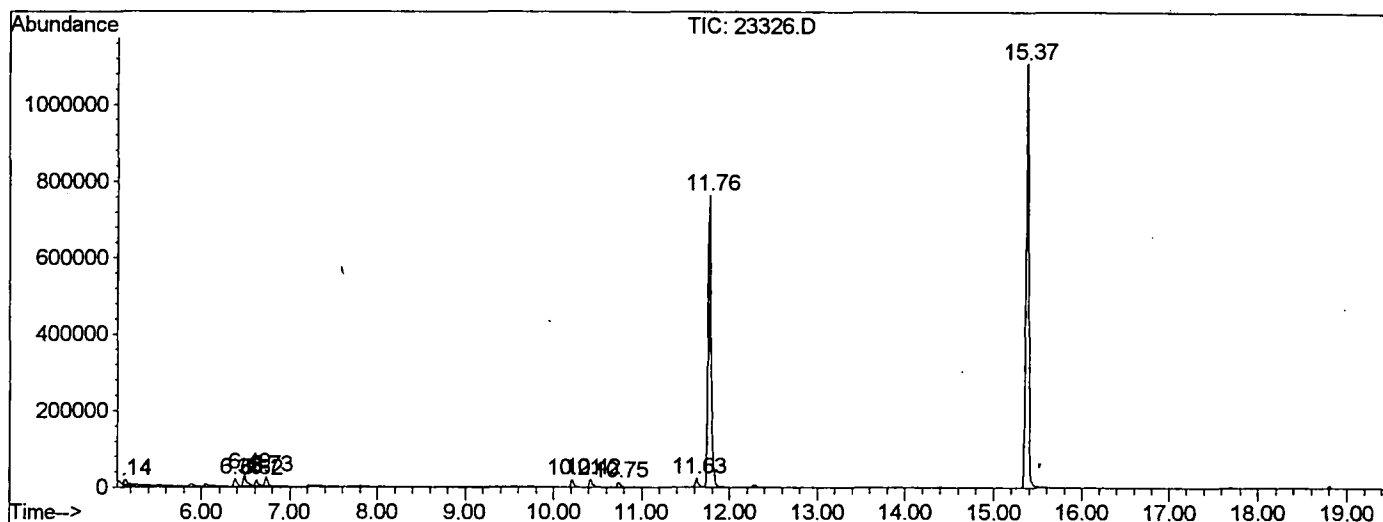
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23326.D NP091101.M

Thu Oct 11 12:58:29 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT0901\23326.D
 Operator : 209 GALOS
 Acquired : 10 Oct 2001 1:04 am using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 13
 Quant File :NP091101.RES (RTE Integrator)



23326.D NP091101.M Thu Oct 11 12:58:31 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23326.D

Acq On : 10 Oct 2001 1:04 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 13

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

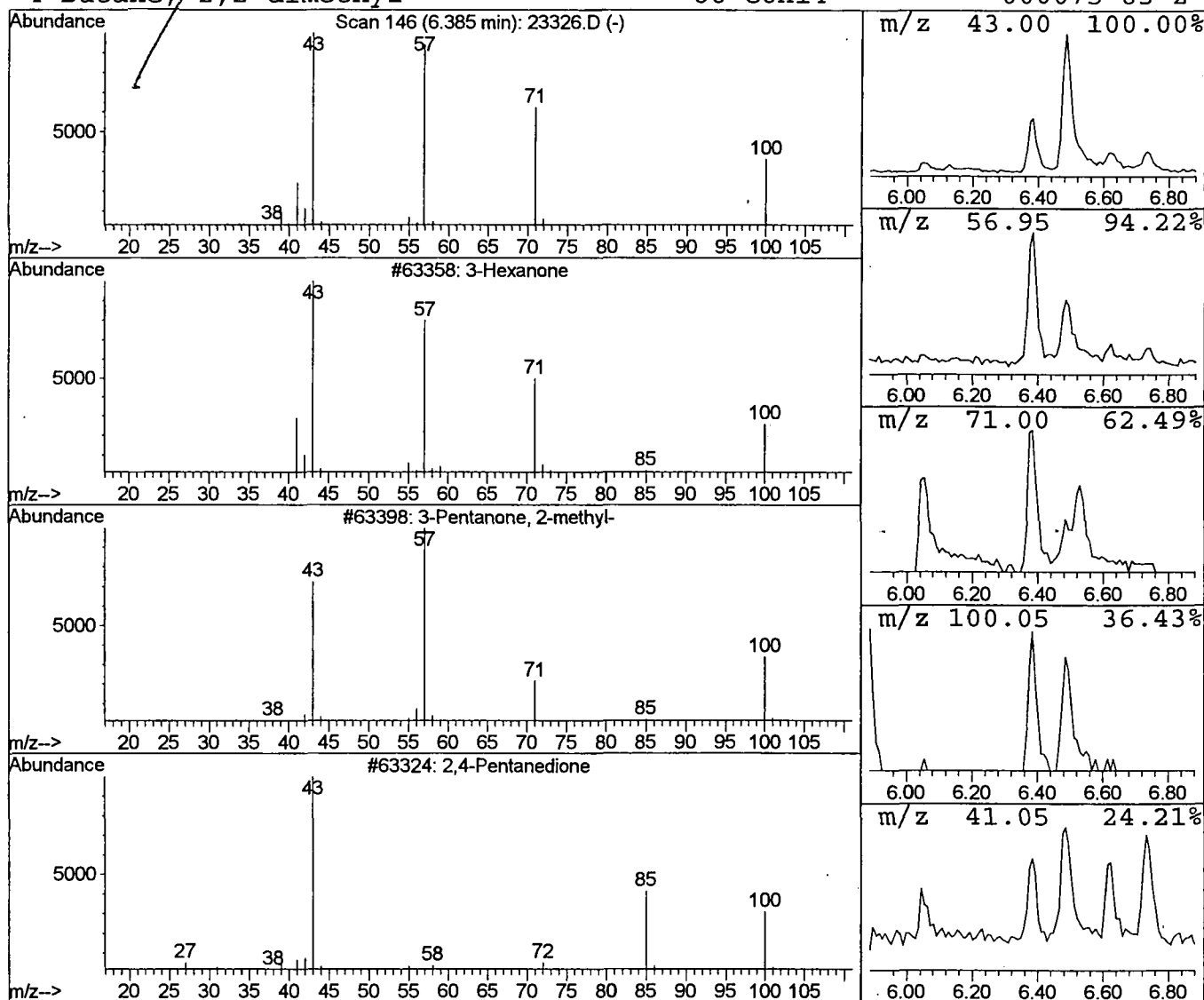
Title : 209 625/TCLP calibration table 7/16/01

Library : C:\DATABASE\NBS75K.L

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.45 ug/l	41168	1,4-Dichlorobenzene-d4	11.76

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		3-Hexanone	100	C6H12O	000589-38-8	91
2		3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	53
3		2,4-Pentanedione	100	C5H8O2	000123-54-6	43
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42



Library Search Compound Report

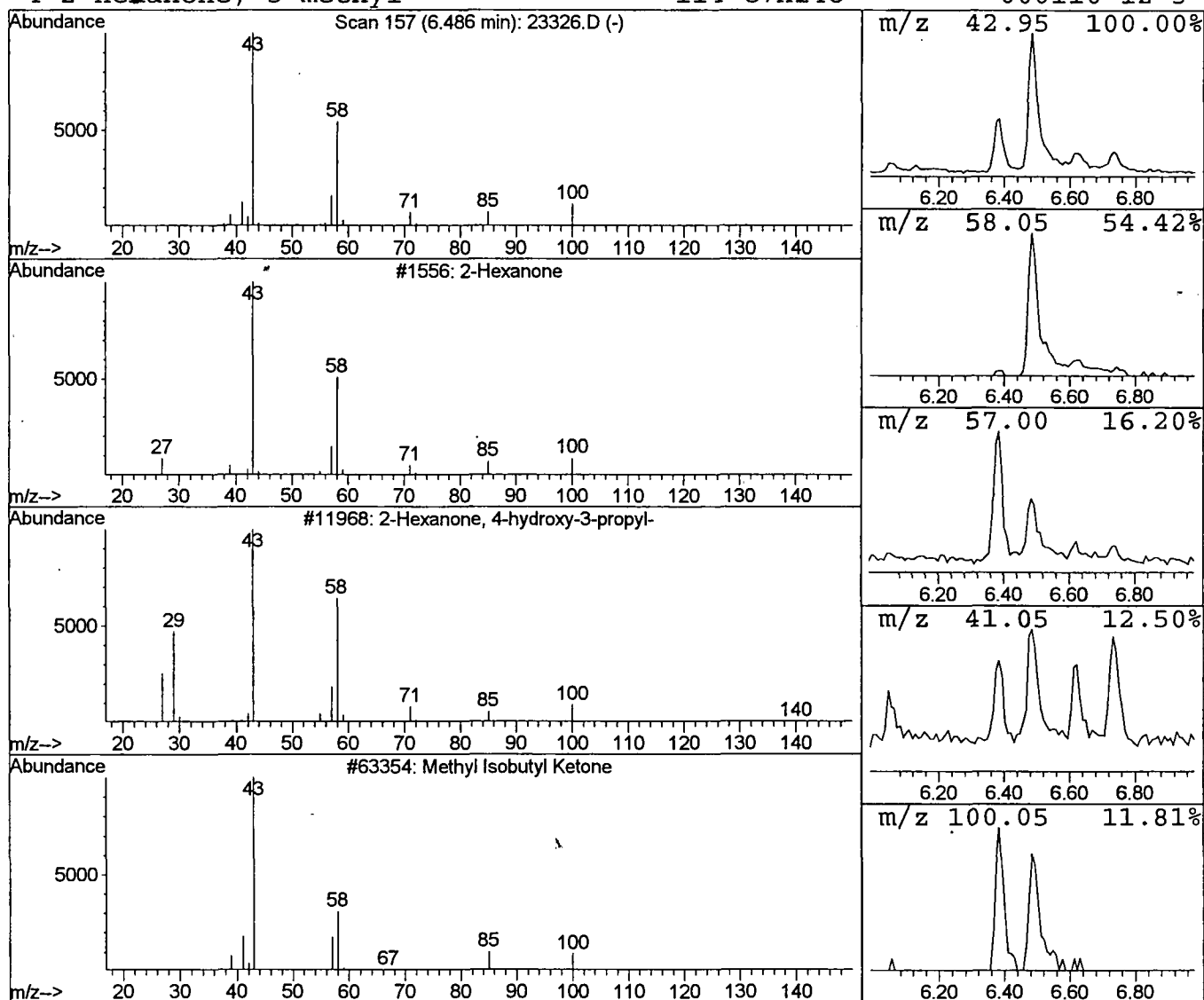
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Acq On : 10 Oct 2001 1:04 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.	
6.49	0.90 ug/l	82182	1,4-Dichlorobenzene-d4	11.76	
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	83
3	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23326.D
 Acq On : 10 Oct 2001 1:04 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

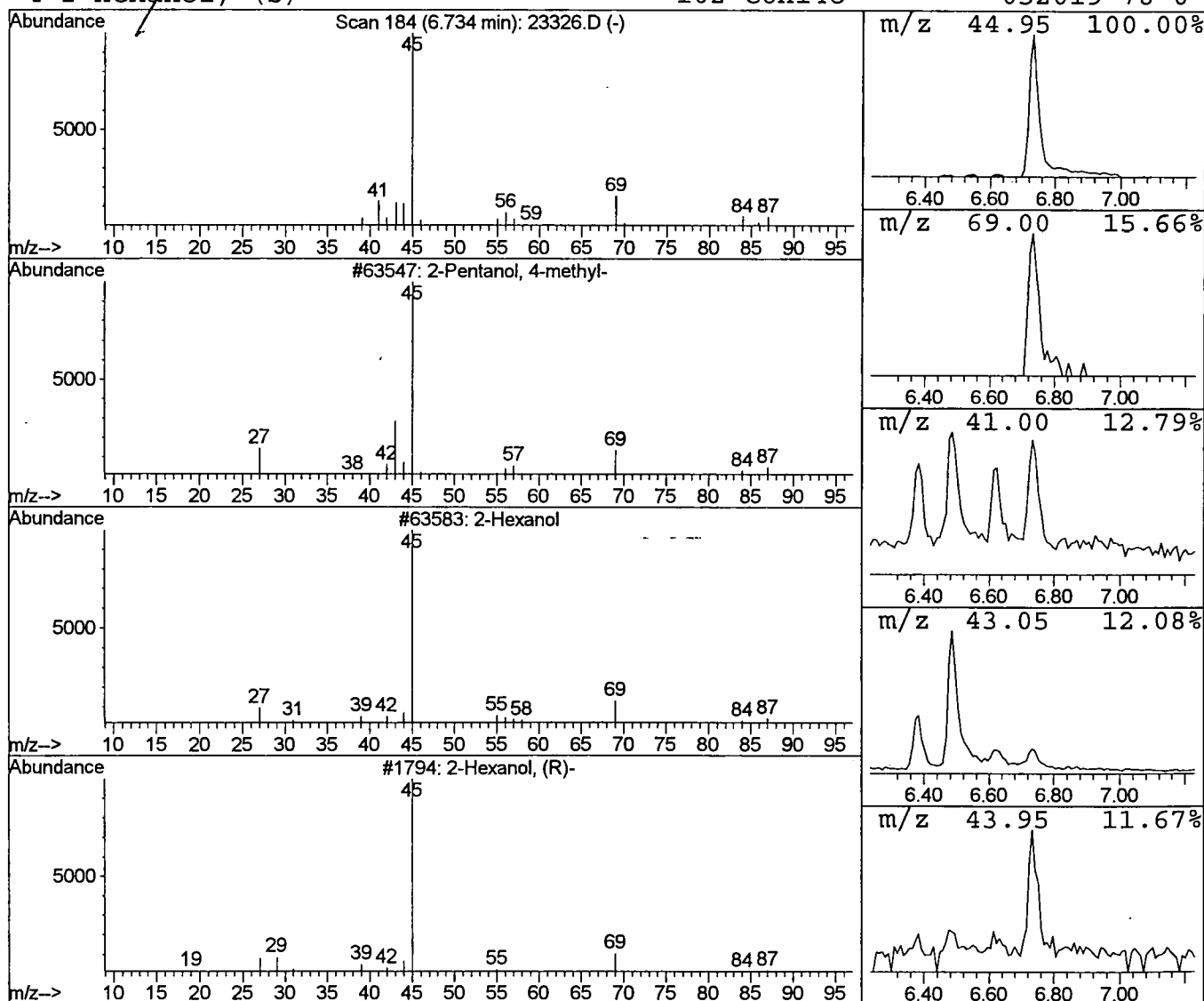
Vial: 13
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 2-Pentanol, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.56 ug/l	50824	1,4-Dichlorobenzene-d4	11.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
2		2-Hexanol	102	C6H14O	000626-93-7	74
3		2-Hexanol, (R)-	102	C6H14O	026549-24-6	74
4		2-Hexanol, (S)-	102	C6H14O	052019-78-0	43



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23326.D

Acq On : 10 Oct 2001 1:04 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 13

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

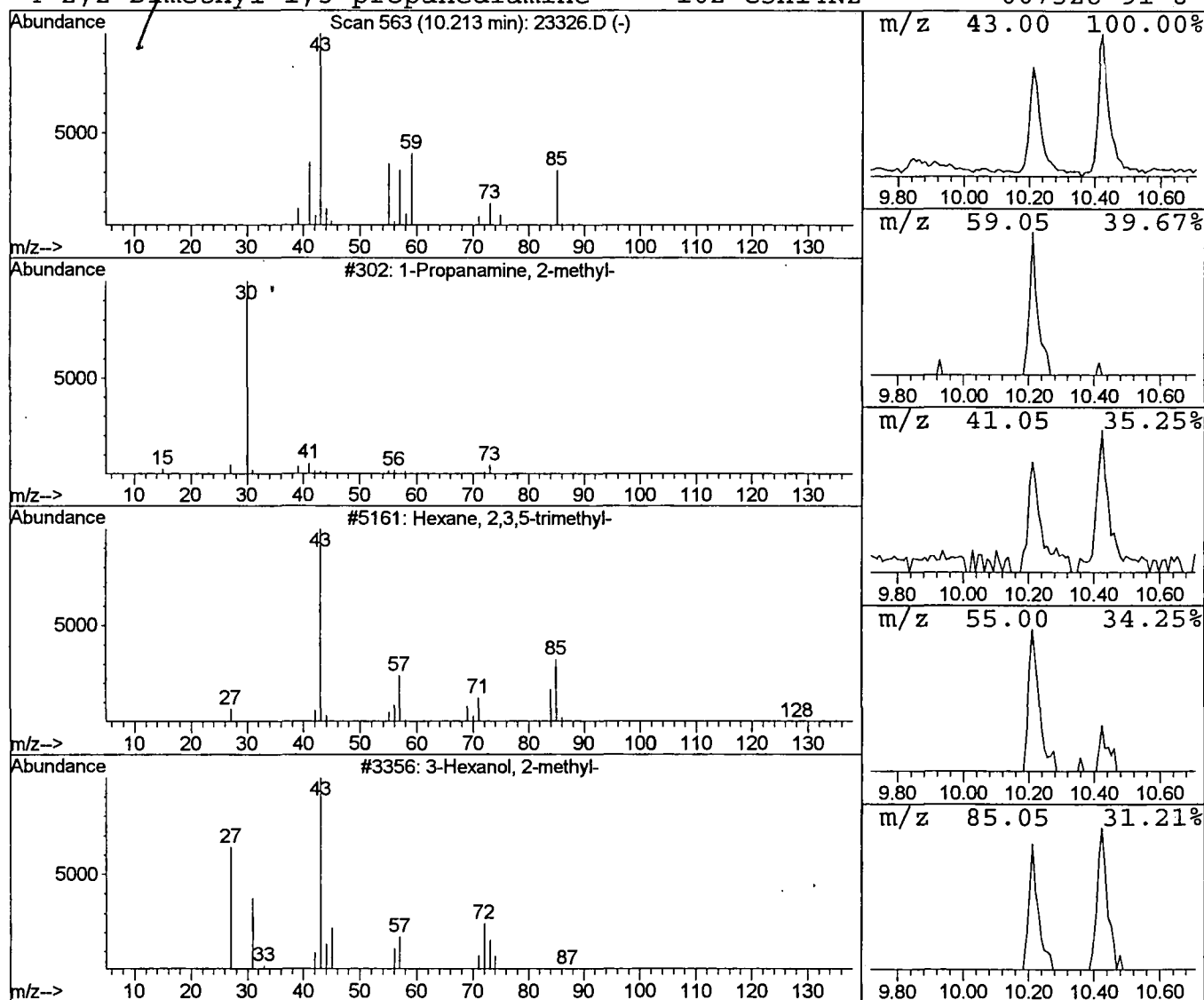
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)

Title : 209 625/TCLP calibration table 7/16/01

Library : C:\DATABASE\NBS75K.L

Peak Number 4 1-Propanamine, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.21	0.44 ug/l	40208	1,4-Dichlorobenzene-d4	11.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	9
2	Hexane, 2,3,5-trimethyl-	128	C9H20	001069-53-0	9
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	9
4	2,2-Dimethyl-1,3-propanediamine	102	C5H14N2	007328-91-8	9



Library Search Compound Report

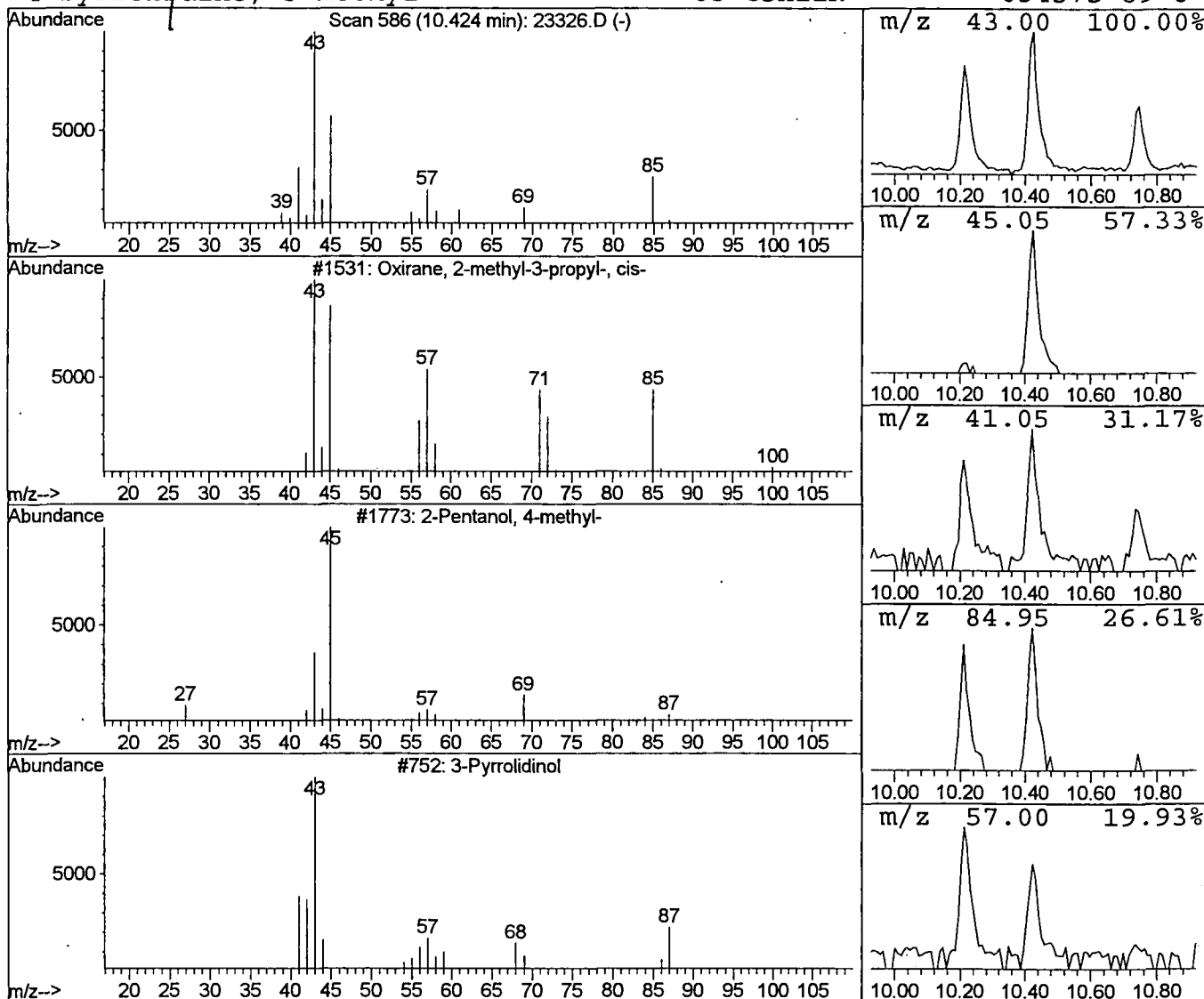
Data File : C:\HPCHEM\1\DATA\OCT0901\23326.D
 Acq On : 10 Oct 2001 1:04 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 13
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
 Title : 209 625/TCLP calibration table 7/16/01
 Library : C:\DATABASE\NBS75K.L

 Peak Number 5 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.42	0.51 ug/l	46674	1,4-Dichlorobenzene-d4	11.76	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	33
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	25
3	3-Pyrrolidinol	87	C4H9NO	040499-83-0	12
4	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23326.D
Acq On : 10 Oct 2001 1:04 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

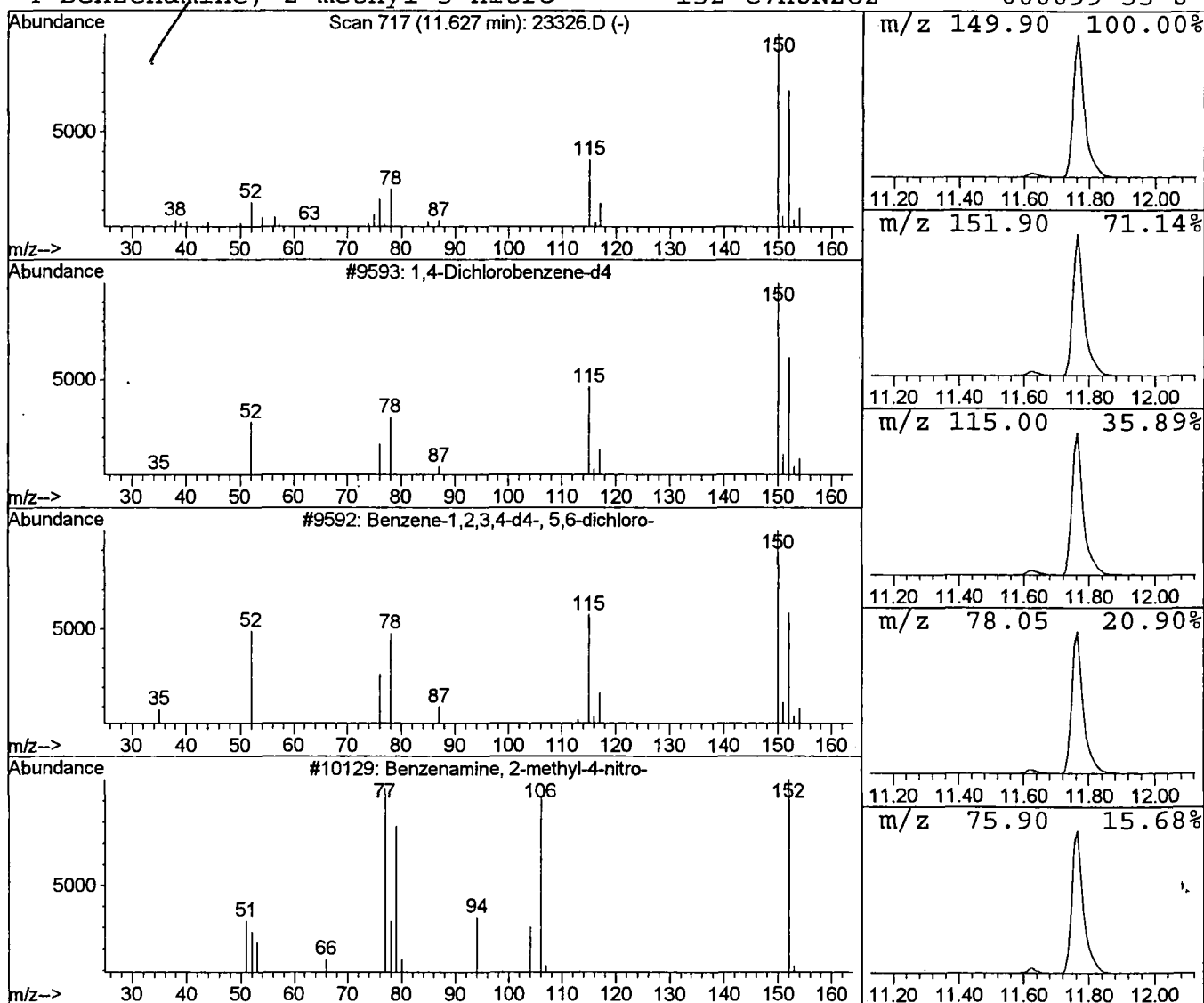
Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

Peak Number 6 1,4-Dichlorobenzene-d4 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.63	0.55 ug/l	50465	1,4-Dichlorobenzene-d4	11.76

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	80
2			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	33
3			Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	12
4			Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Oct 2001 1:04 am
Data File: C:\HPCHEM\1\DATA\OCT0901\23326.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title: 209 625/TCLP calibration table 7/16/01
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3- Hexanone	6.38	0.4	ug/l	41168	ISTD01	11.76	1830350	20.0
2- Hexanone	6.49	0.9	ug/l	82182	ISTD01	11.76	1830350	20.0
2- Pentanol , 4-methyl	6.73	0.6	ug/l	50824	ISTD01	11.76	1830350	20.0
1- Propanamine , 2-met	10.21	0.4	ug/l	40208	ISTD01	11.76	1830350	20.0
Oxirane, 2-methyl-3-	10.42	0.5	ug/l	46674	ISTD01	11.76	1830350	20.0
1,4- Dichlorobenzene -	11.63	0.6	ug/l	50465	ISTD01	11.76	1830350	20.0

23326.D NP091101.M Thu Oct 11 12:58:46 2001