User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/16/2001 Time: 09:13:32

Sample: AD23325
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/15/01 15:04 Ended: 10/15/01 15:04 Analyst: MG
Result source: manual entry
Page: 1

	Component Name	Vio	Result
1	Other unknown compounds		see comment

Comments for Sample AD23325 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-16-2001 Time: 09:11:47

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\23325.D Vial: 12
Acq On : 10 Oct 2001 12:06 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 10:27 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.75	152	408245	20.00	ug/l	-0.15
19) Naphthalene-d8	15.37	136	1635290	20.00	ug/l	-0.15
31) Acenaphthene-d10	20.66	164	757239	20.00	ug/l	-0.15
49) Phenanthrene-d10	25.08	188	1066908	20.00	ug/l	-0.15
59) Chrysene-d12	33.12	240	659176	20.00	ug/l	-0.16
68) Perylene-d12	37.23	264	459795	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	11.75	132	275	0.01	ug/l	0.34
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.28	152	4253	0.21	ug/l	-0.15
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	1602	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	13.02	77	180	N.D.		
22) Isophorone	0.00	82	0	N.D.		

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

Quantitation Report (QT Reviewed)

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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) Azobenzen/ 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.	
56) Anthracene	0.00	178	0	N.D.	
57) Di-n-butylphthalate	27.09	149	2027	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	33.12	228	1617	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.38	149	2325	N.D.	
67) Chrysene	33.12	228	1617	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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 11 10:27 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	1730	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23325.D Vial: 12
Acq On : 10 Oct 2001 12:06 am Operator: 209 GALOS
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Misc : Multiplr: 1.00
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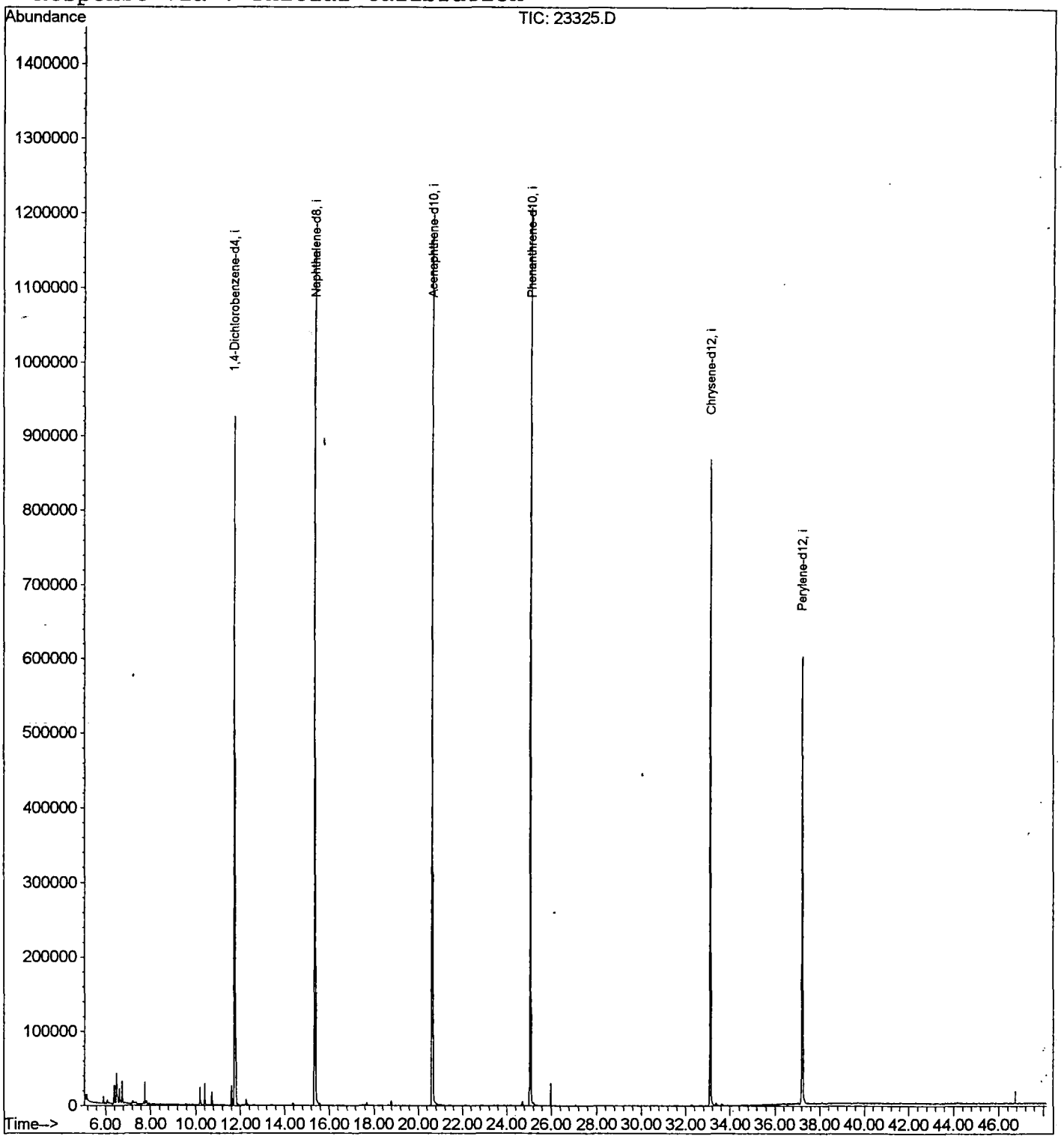
Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Thu Sep 13 12:47:04 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23325.D Vial: 12
Acq On : 10 Oct 2001 12:06 am 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\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

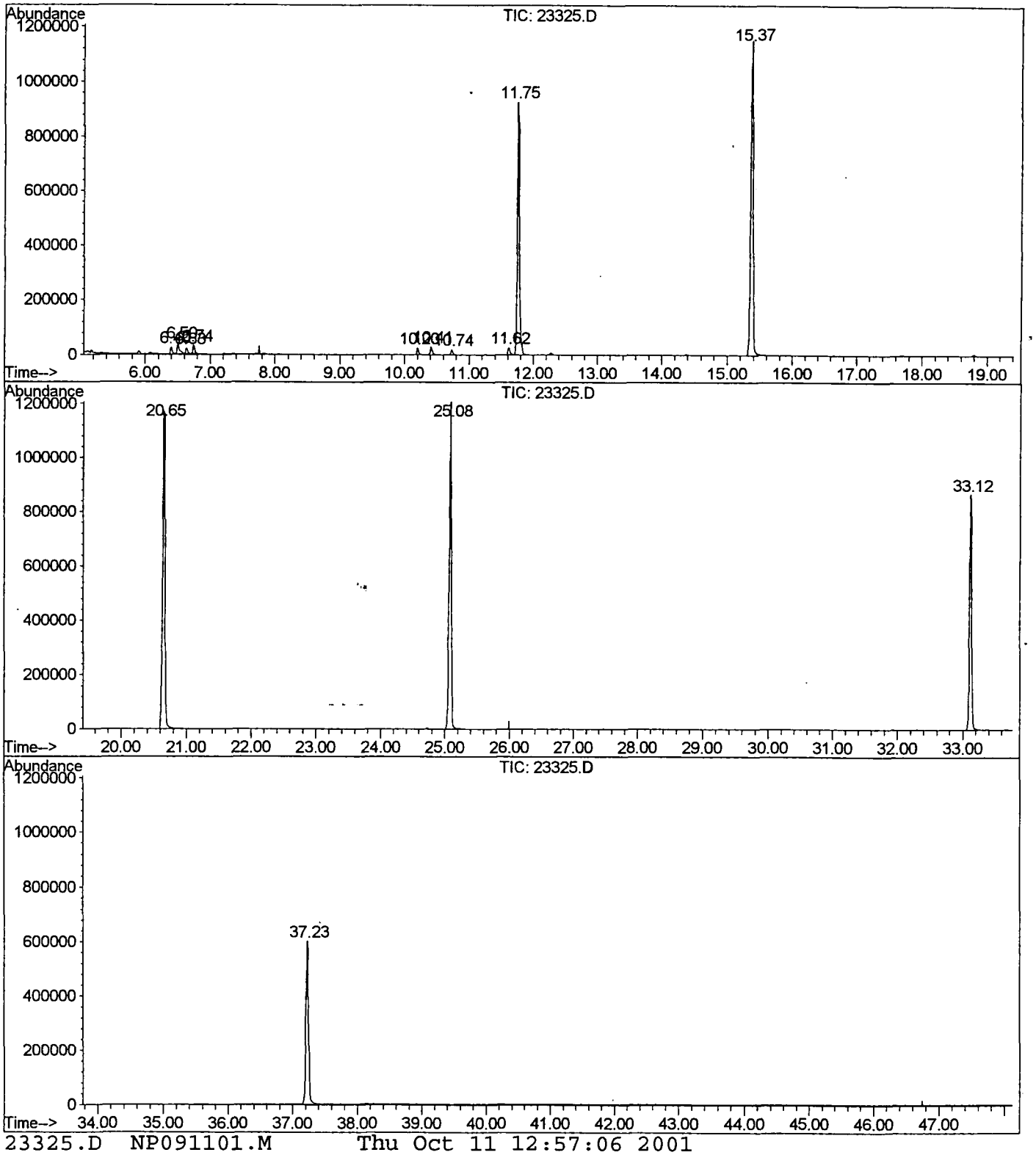
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.403	144	148	152	rBV	24463	45944	1.50%	0.304%
2	6.504	155	159	169	rVV2	40638	97409	3.18%	0.644%
3	6.632	169	173	182	rVV	19425	42745	1.40%	0.283%
4	6.742	182	185	192	rVV	29243	58374	1.91%	0.386%
5	10.203	558	562	572	rVB	23821	50339	1.65%	0.333%
6	10.414	581	585	592	rBV	28599	57909	1.89%	0.383%
7	10.736	616	620	629	rBV	18175	37638	1.23%	0.249%
8	11.617	712	716	726	rBV	26261	56468	1.85%	0.373%
9	11.755	726	731	751	rVB	925476	2135427	69.79%	14.119%
10	15.372	1117	1125	1144	rBV	1151146	2984595	97.55%	19.733%
11	20.650	1692	1700	1711	rBV	1170283	3059630	100.00%	20.229%
12	25.085	2174	2183	2196	rBV	1206756	2745757	89.74%	18.154%
13	33.117	3050	3058	3073	rBV2	867731	2059020	67.30%	13.614%
14	37.230	3496	3506	3518	rBV2	600452	1693557	55.35%	11.197%

Sum of corrected areas: 15124812

23325.D NP091101.M Thu Oct 11 12:57:04 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT0901\23325.D
Operator : 209 GALOS
Acquired : 10 Oct 2001 12:06 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 12
Quant File :NP091101.RES (RTE Integrator)



23325.D NP091101.M Thu Oct 11 12:57:06 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23325.D
Acq On : 10 Oct 2001 12:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

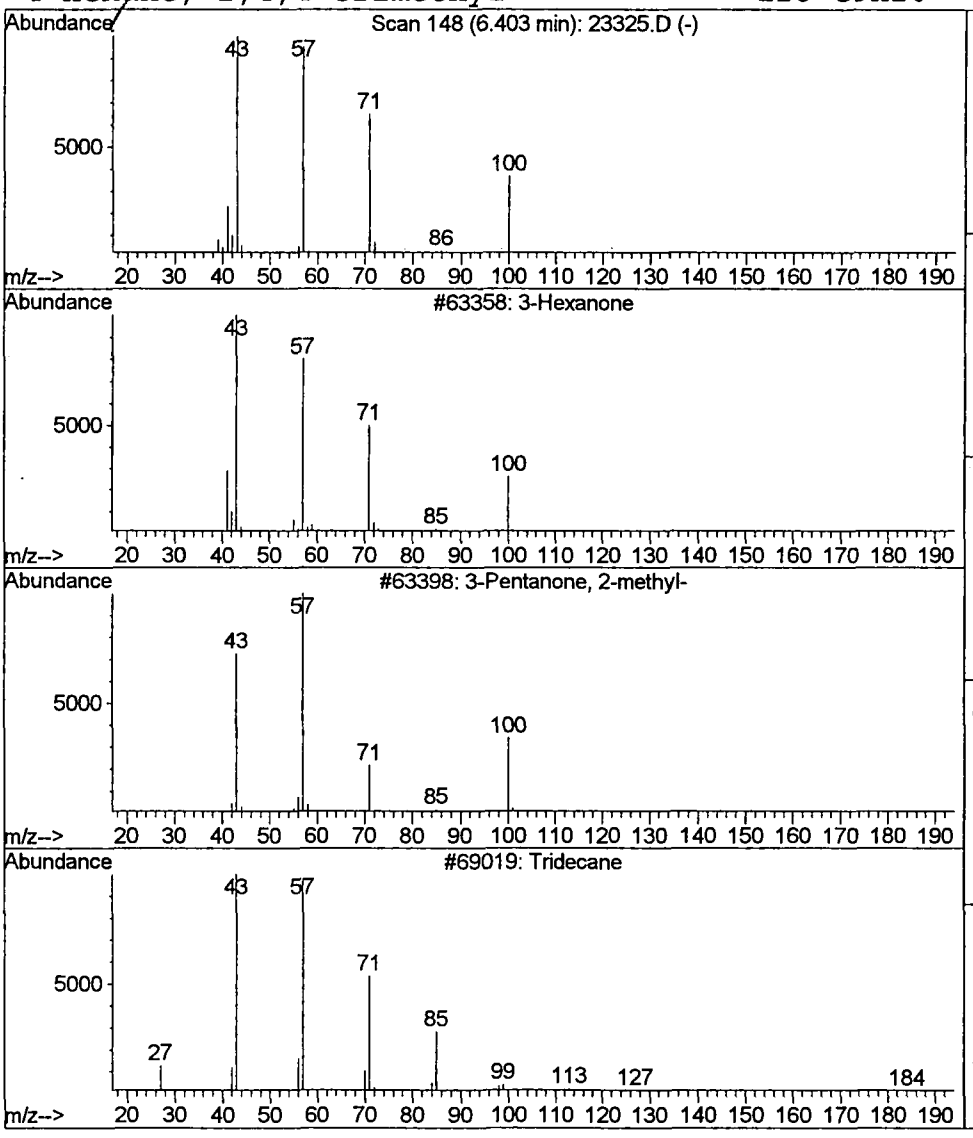
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	0.43 ug/l	45944	1,4-Dichlorobenzene-d4	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	90
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	53
3	Tridecane	184	C13H28	000629-50-5	36
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	36



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23325.D
Acq On : 10 Oct 2001 12:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

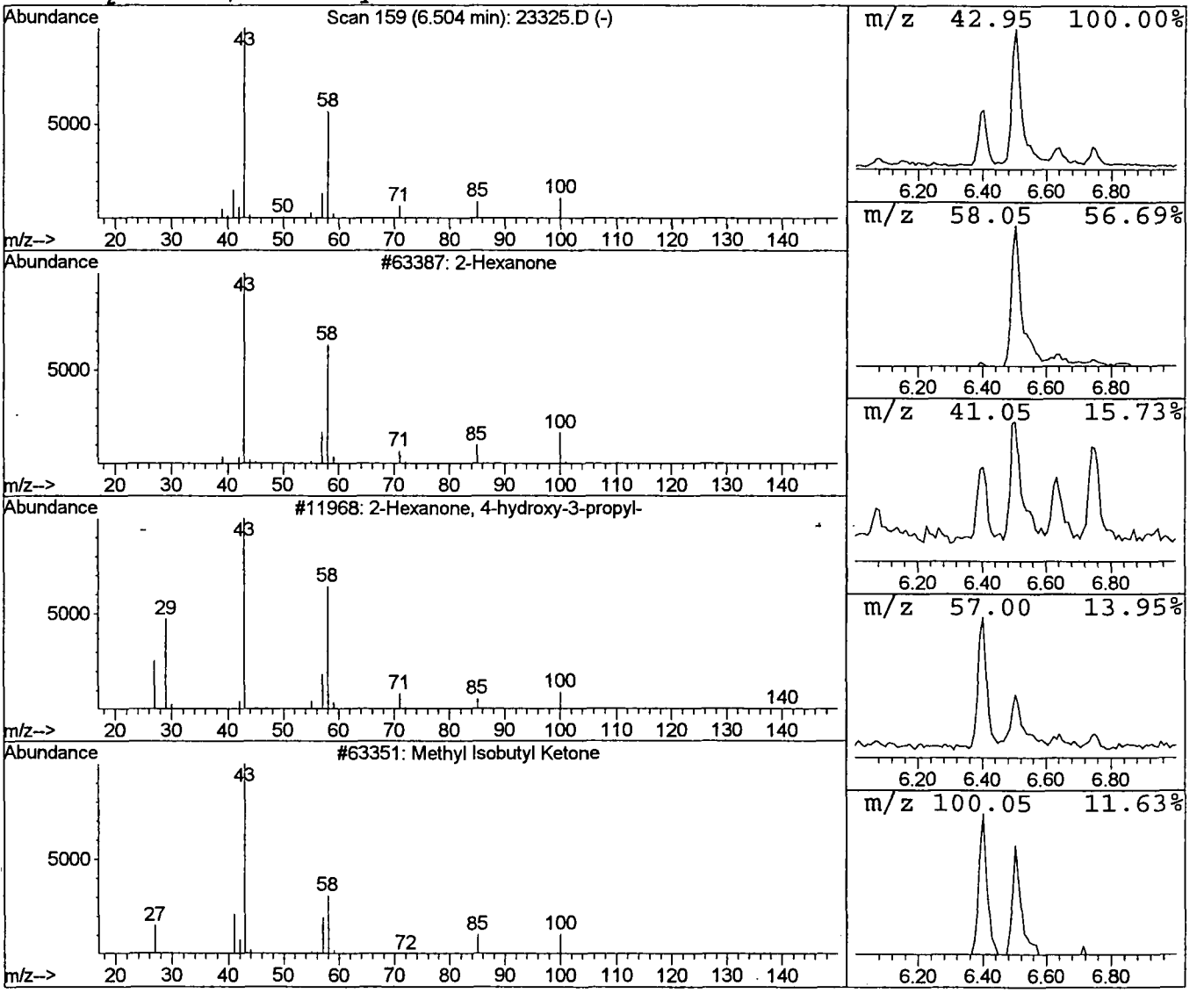
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.91 ug/l	97409	1,4-Dichlorobenzene-d4	11.75

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	58
4	2-Hexanone, 5-methyl-	114	C7H14O	000110-12-3	45



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23325.D
Acq On : 10 Oct 2001 12:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

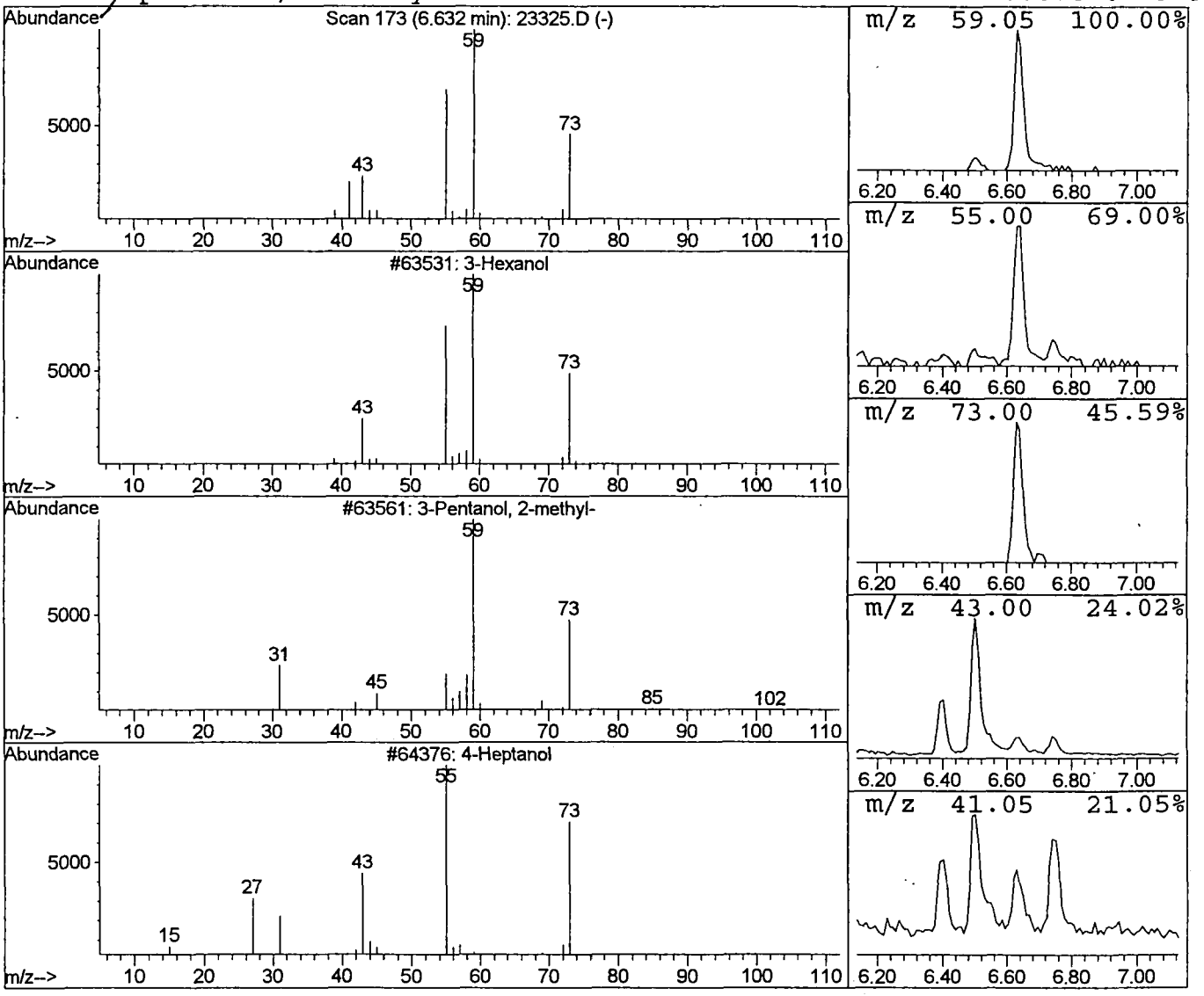
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	0.40 ug/l	42745	1,4-Dichlorobenzene-d4	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	39
3	4-Heptanol	116	C7H16O	000589-55-9	10
4	1-Propanamine, 2-methyl-	73	C4H11N	000078-81-9	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23325.D
Acq On : 10 Oct 2001 12:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

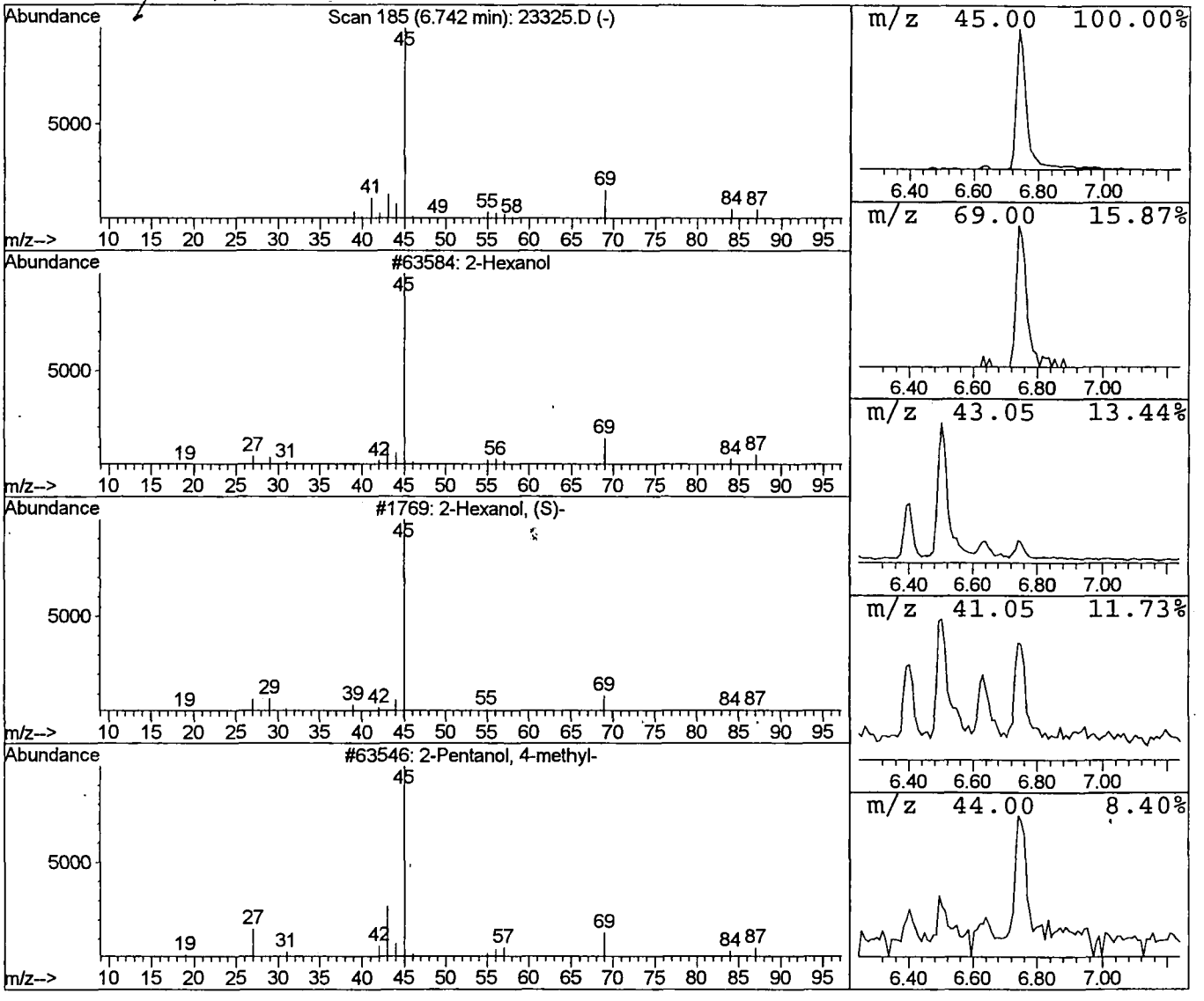
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol — Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.55 ug/l	58374	1,4-Dichlorobenzene-d4	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Hexanol, (S)-	102	C6H14O	052019-78-0	78
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
4	2-Hexanol, (R)-	102	C6H14O	026549-24-6	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23325.D
Acq On : 10 Oct 2001 12:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

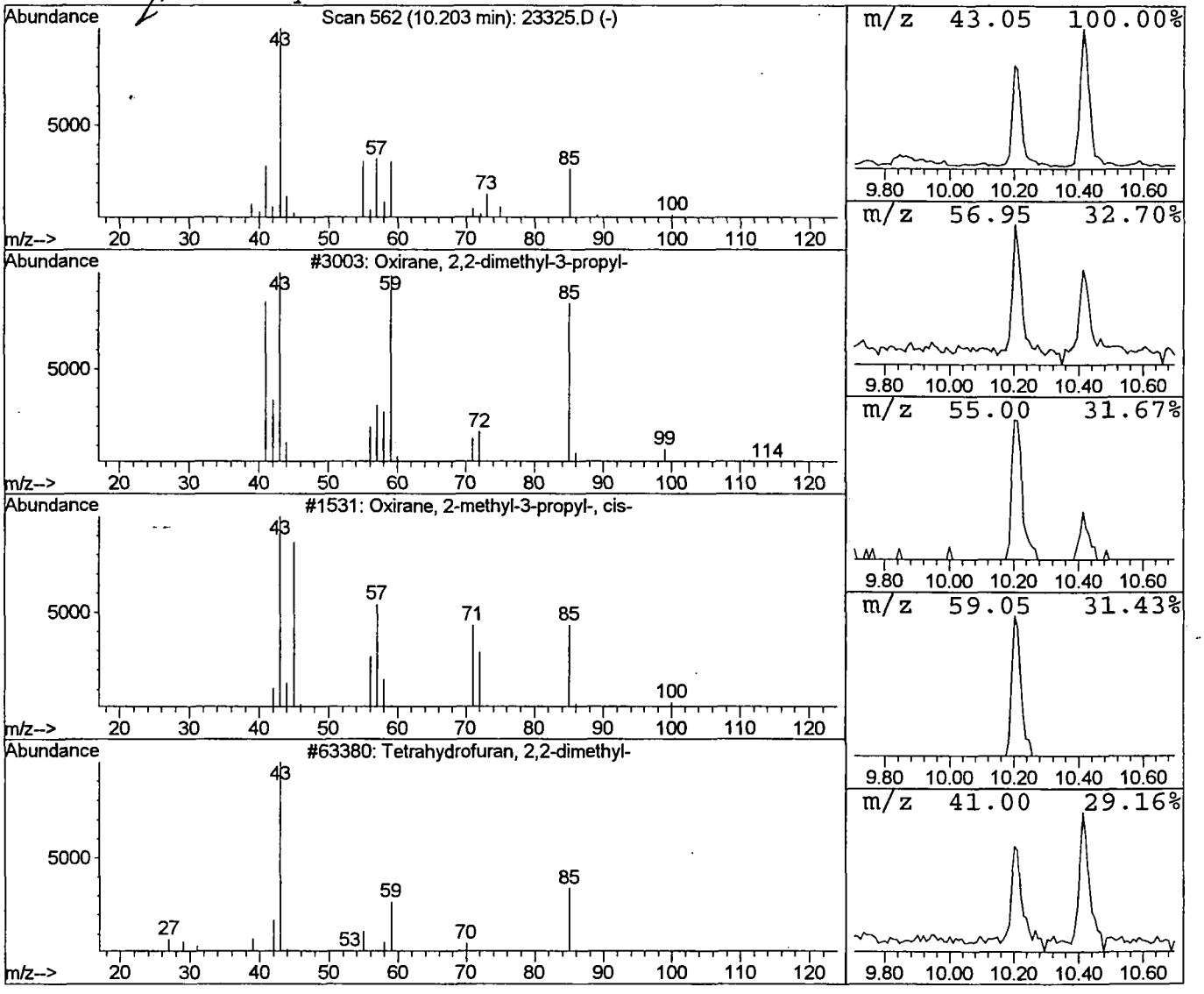
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Oxirane, 2,2-dimethyl-3-propyl Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.20	0.47 ug/l	50339	1,4-Dichlorobenzene-d4	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	38
2	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	38
3	Tetrahydrofuran, 2,2-dimethyl-	100	C6H12O	001003-17-4	36
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23325.D
Acq On : 10 Oct 2001 12:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

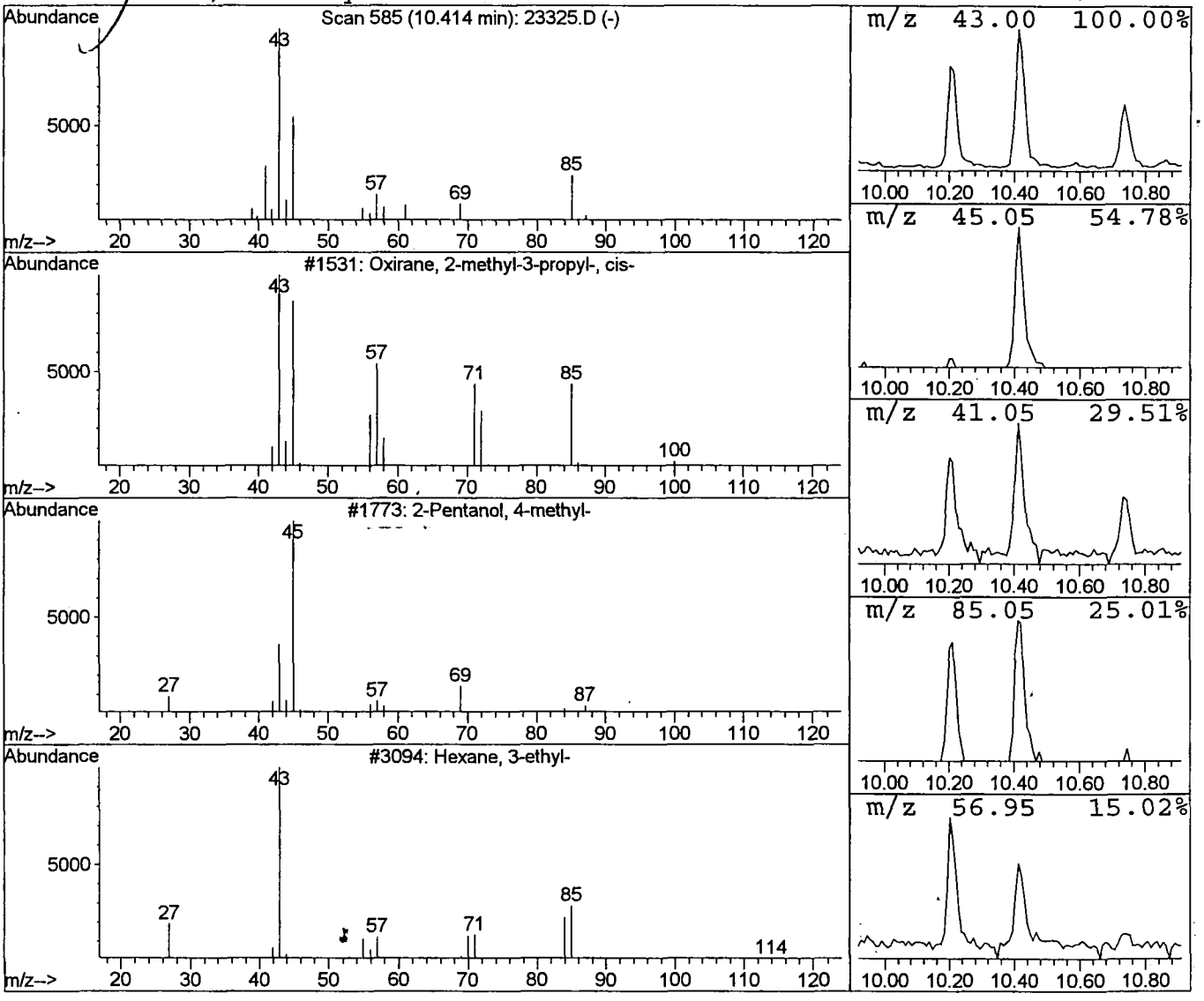
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.41	0.54 ug/l	57909	1,4-Dichlorobenzene-d4	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	40
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	37
3	Hexane, 3-ethyl-	114	C8H18	000619-99-8	25
4	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT0901\23325.D
Acq On : 10 Oct 2001 12:06 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

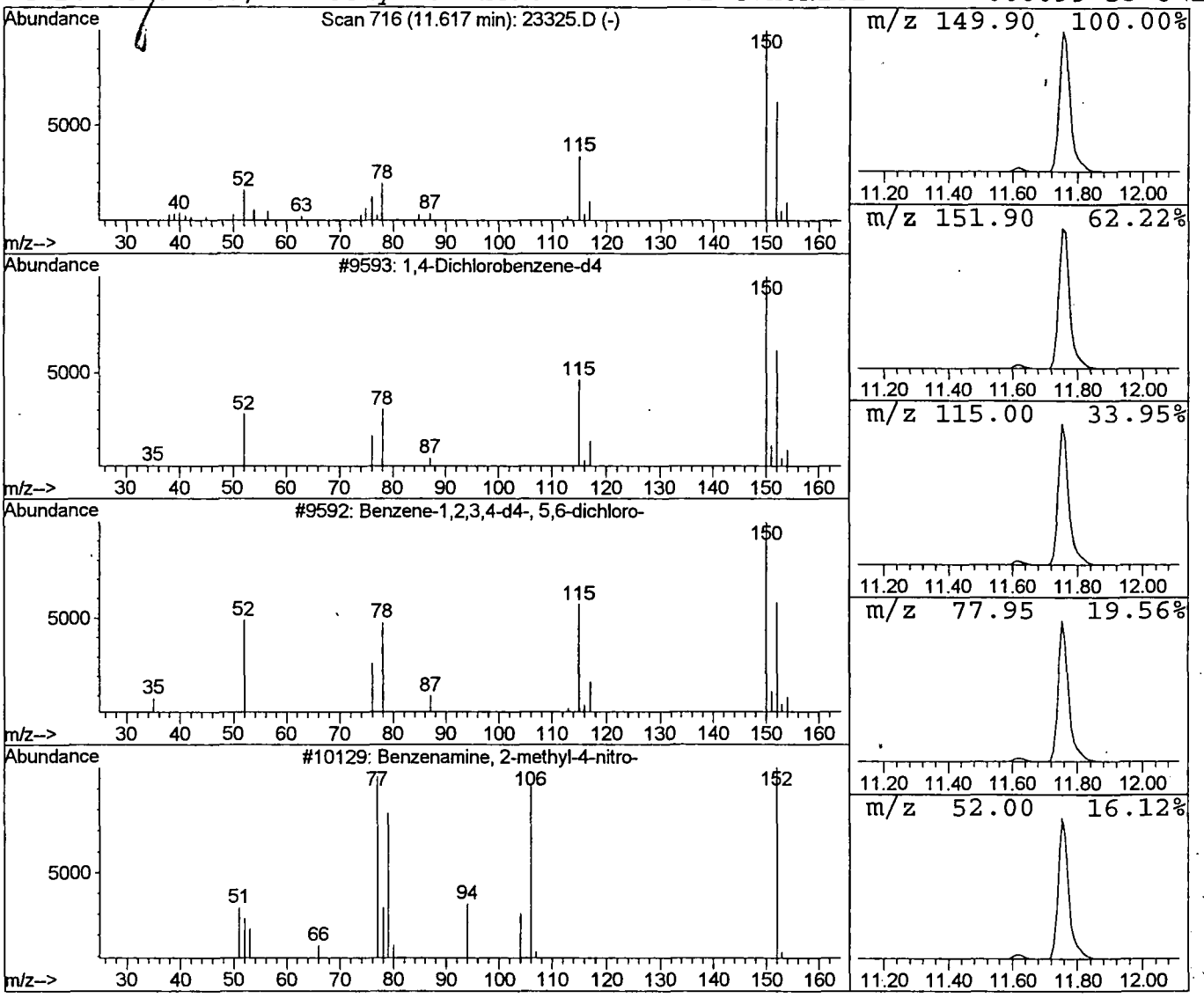
Quant Method : C:\HPCHEM\1\METHODS\NP091101.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 1,4-Dichlorobenzene-d4 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.62	0.53 ug/l	56468	1,4-Dichlorobenzene-d4	11.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	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	38
3	Benzenamine, 2-methyl-4-nitro-	152	C7H8N2O2	000099-52-5	22
4	Benzenamine, 2-methyl-5-nitro-	152	C7H8N2O2	000099-55-8	14



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Oct 2001 12:06 am
Data File: C:\HPCHEM\1\DATA\OCT0901\23325.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
2-Hexanone	6.40	0.4	ug/l	45944	ISTD01	11.75	2135430	20.0
2-Hexanone	6.50	0.9	ug/l	97409	ISTD01	11.75	2135430	20.0
3-Hexanol	6.63	0.4	ug/l	42745	ISTD01	11.75	2135430	20.0
2-Hexanol	6.74	0.5	ug/l	58374	ISTD01	11.75	2135430	20.0
Oxirane, 2,2-dimethy	10.20	0.5	ug/l	50339	ISTD01	11.75	2135430	20.0
Oxirane, 2-methyl-3-	10.41	0.5	ug/l	57909	ISTD01	11.75	2135430	20.0
1,4-Dichlorobenzene-	11.62	0.5	ug/l	56468	ISTD01	11.75	2135430	20.0

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