

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 10/11/2001 Time: 08:38:56

Sample: AD22656
 Analysis: \$GCMS GC/MS Scan For Unknowns
 Started: 10/11/01 08:31 Ended: 10/11/01 08:31 Analyst: MG
 Page: 1

Component Name	Vol	Result
Other unknown compounds		see comment

Comments for Sample AD22656 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 10-11-2001 Time: 08:38:25

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\SEP2801\22656.D
 Acq On : 29 Sep 2001 2:10 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 1 11:06 2001

Vial: 15
 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	11.78	152	498798	20.00	ug/l	-0.13
19) Naphthalene-d8	15.40	136	1930178m	20.00	ug/l	-0.13
31) Acenaphthene-d10	20.69	164	905322	20.00	ug/l	-0.13
49) Phenanthrene-d10	25.12	188	1293119	20.00	ug/l	-0.12
59) Chrysene-d12	33.15	240	932358	20.00	ug/l	-0.13
68) Perylene-d12	37.28	264	724226	20.00	ug/l	-0.14

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	12.31	152	5208	0.21	ug/l	-0.13
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	18.82	172	1965	0.03	ug/l	0.01
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	5.26	79	280	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\SEP2801\22656.D

Vial: 15

Acq On : 29 Sep 2001 2:10 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 1 11:06 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	21.00	165	102	N.D.		
45) Diethylphthalate	22.18	149	492	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	25.12	178	352	N.D.		
56) Anthracene	25.12	178	352	N.D.		
57) Di-n-butylphthalate	27.11	149	2796	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	33.15	228	2237	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	5681	N.D.		
67) Chrysene	33.15	228	2237	N.D.		
69) Di-n-Octylphthalate	35.15	149	407	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\SEP2801\22656.D

Vial: 15

Acq On : 29 Sep 2001 2:10 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 1 11:06 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	37.29	252	2935	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
22656.D NP091101.M Mon Oct 01 11:06:36 2001

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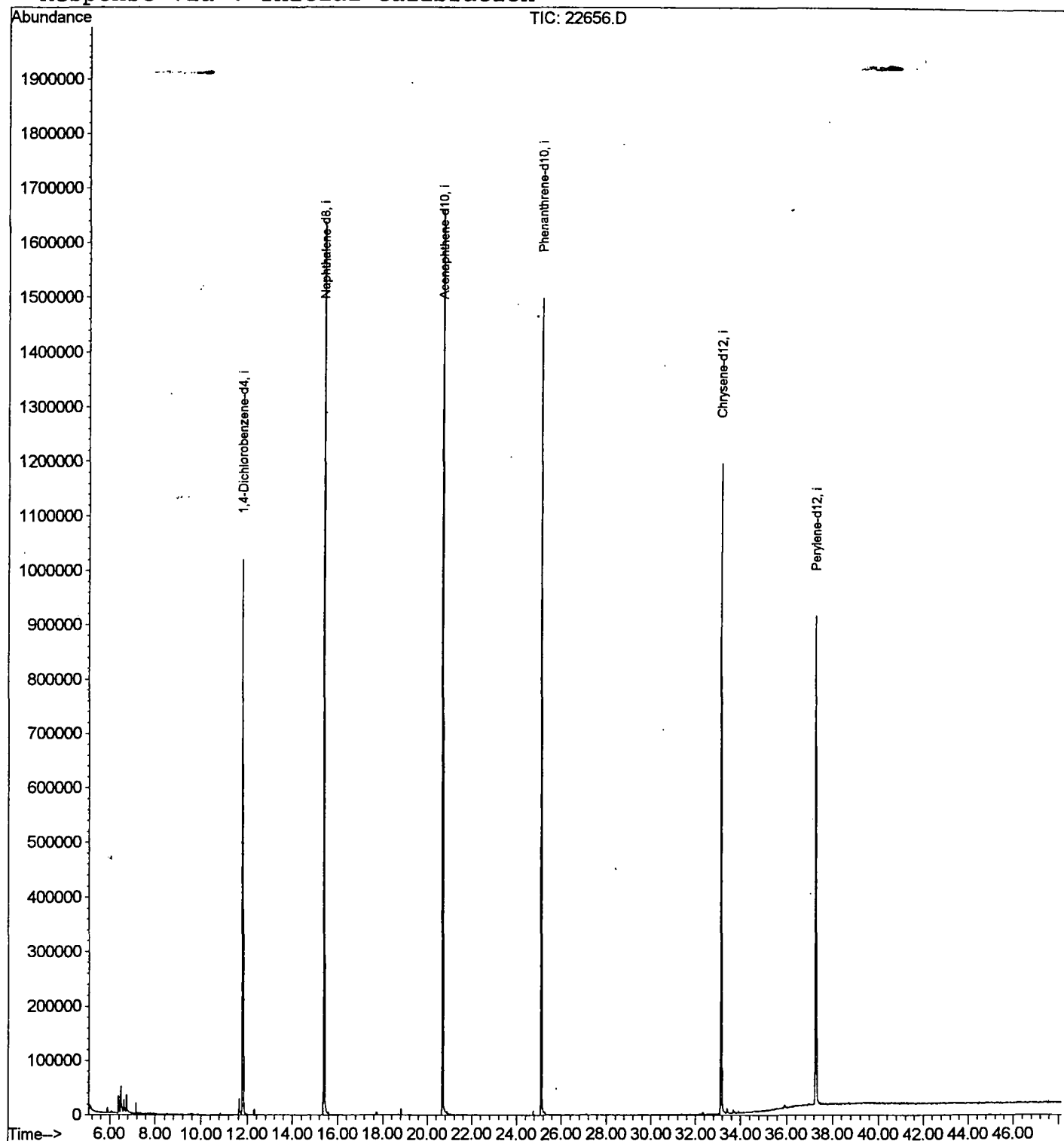
Quantitation Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22656.D
Acq On : 29 Sep 2001 2:10 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 1 11:06 2001

Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP091101.RES

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



22656.D NP091101.M

Mon Oct 01 11:06:41 2001

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22656.D
 Acq On : 29 Sep 2001 2:10 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 15
 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
 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

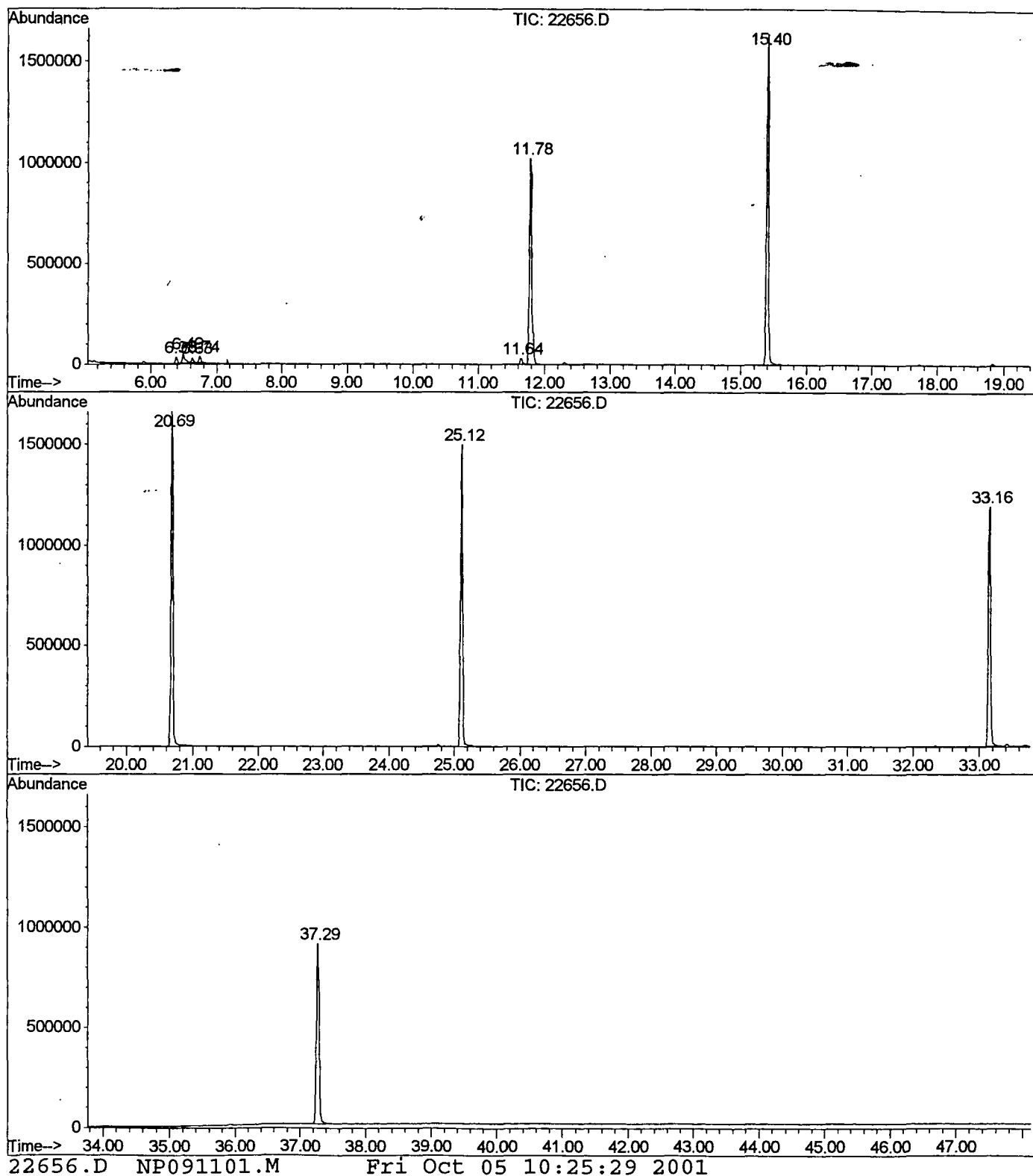
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.385	142	146	153	rBV	30800	63226	1.75%	0.332%
2	6.495	153	158	168	rVV	48464	125541	3.48%	0.660%
3	6.632	168	173	180	rVV	23640	55222	1.53%	0.290%
4	6.743	181	185	194	rVB	31461	66915	1.86%	0.352%
5	11.645	714	719	729	rBV	29467	68559	1.90%	0.360%
6	11.783	729	734	750	rVV	1019910	2576912	71.49%	13.550%
7	15.400	1122	1128	1144	rBV	1637189	3538620	98.17%	18.606%
8	20.688	1697	1704	1719	rBV	1661891	3604496	100.00%	18.953%
9	25.122	2179	2187	2198	rBV2	1498424	3373211	93.58%	17.737%
10	33.164	3055	3063	3079	rBV2	1193939	2924031	81.12%	15.375%
11	37.286	3503	3512	3526	rBV2	896592	2621678	72.73%	13.785%

Sum of corrected areas: 19018411

22656.D NP091101.M Fri Oct 05 10:25:27 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\SEP2801\22656.D
 Operator : 209 GALOS
 Acquired : 29 Sep 2001 2:10 am using AcqMethod NP091101
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 15
 Quant File :NP091101.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22656.D
 Acq On : 29 Sep 2001 2:10 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

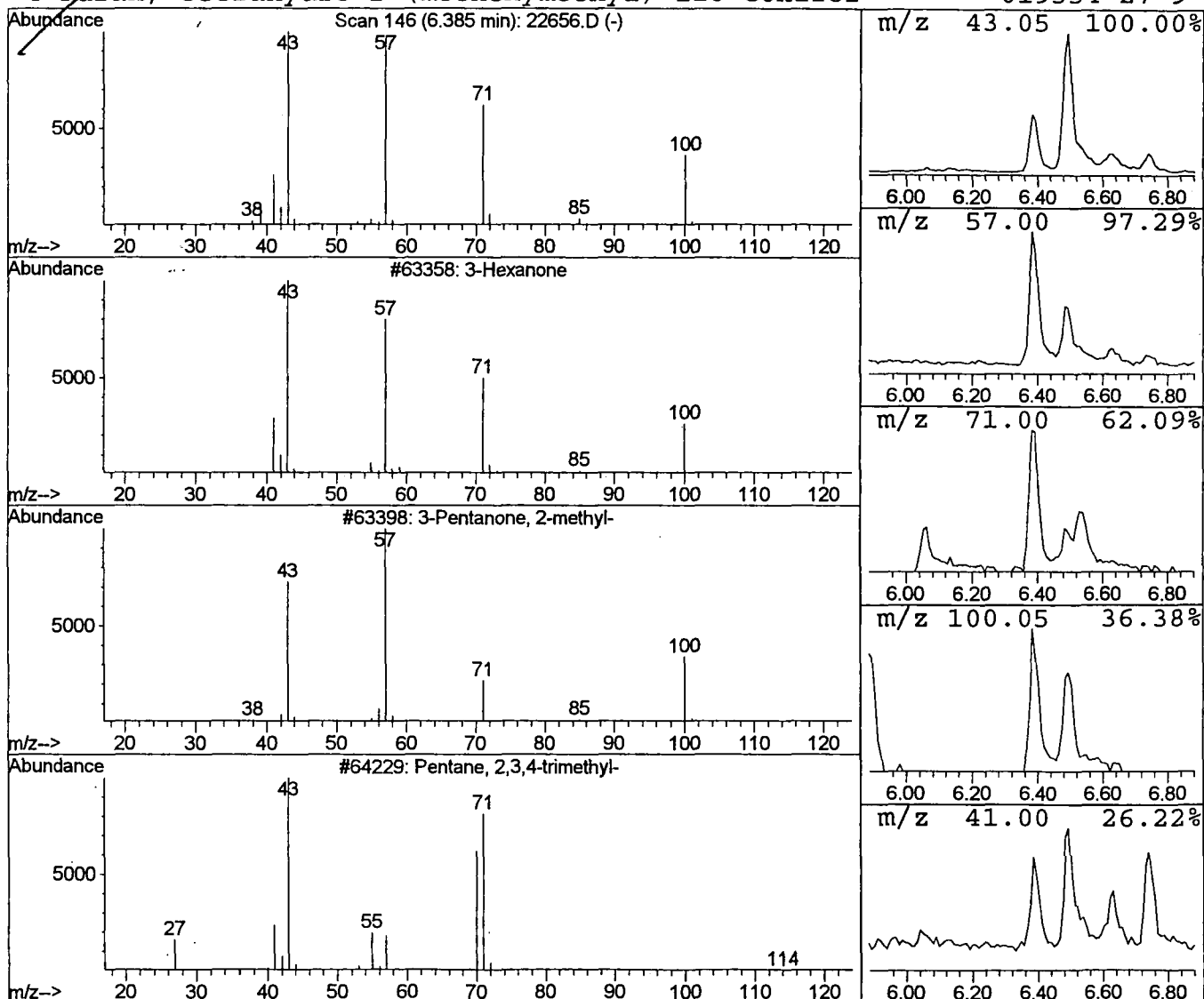
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.49 ug/l	63226	1,4-Dichlorobenzene-d4	11.78

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Hexanone	100	C6H12O	000589-38-8	83
2			3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	43
3			Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40
4			Furan, tetrahydro-2-(methoxymethyl)	116	C6H12O2	019354-27-9	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22656.D
 Acq On : 29 Sep 2001 2:10 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

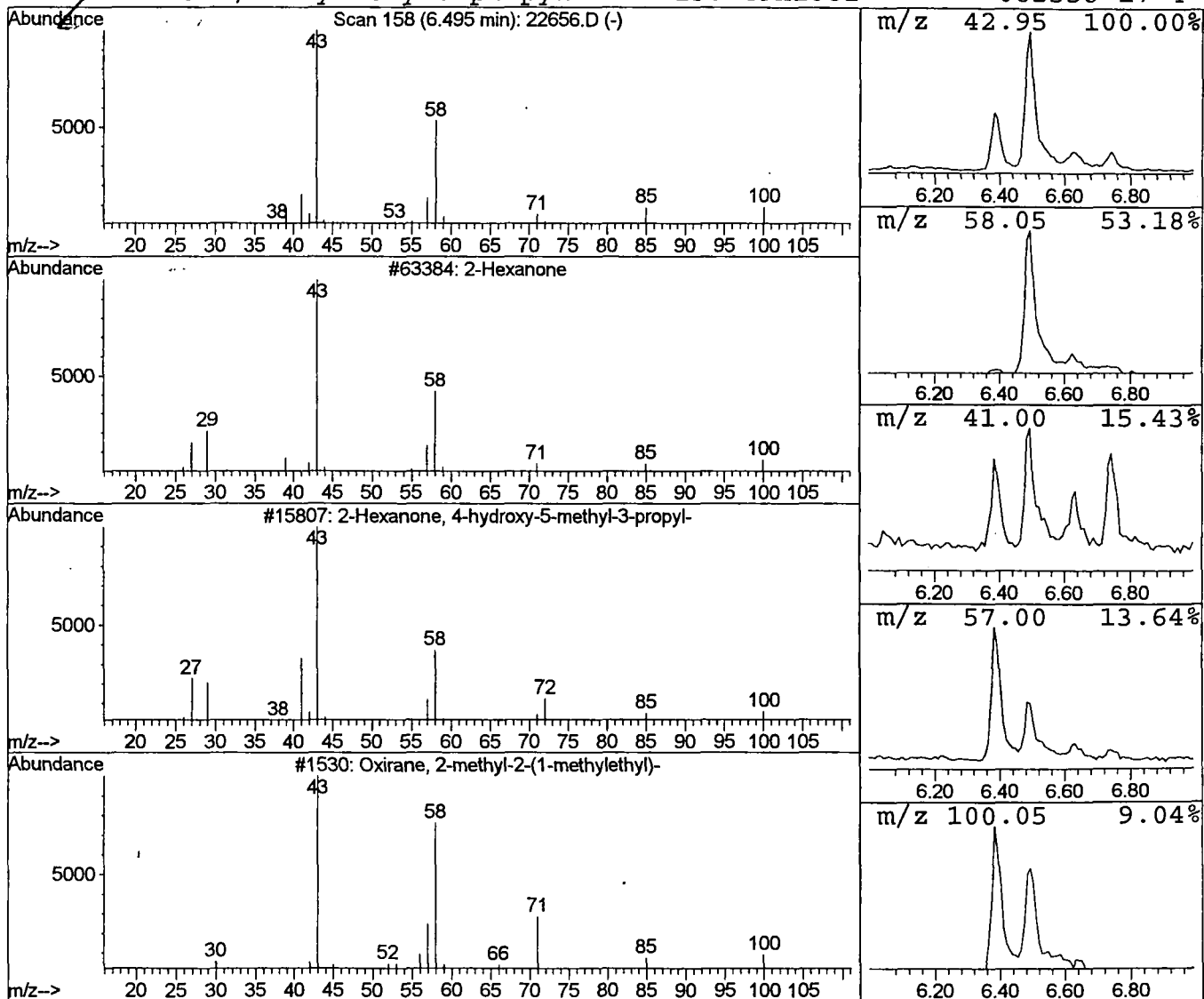
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.97 ug/l	125541	1,4-Dichlorobenzene-d4	11.78

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hexanone	100	C6H12O	000591-78-6	91
2		2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	83
3		Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	64
4		2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22656.D
 Acq On : 29 Sep 2001 2:10 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

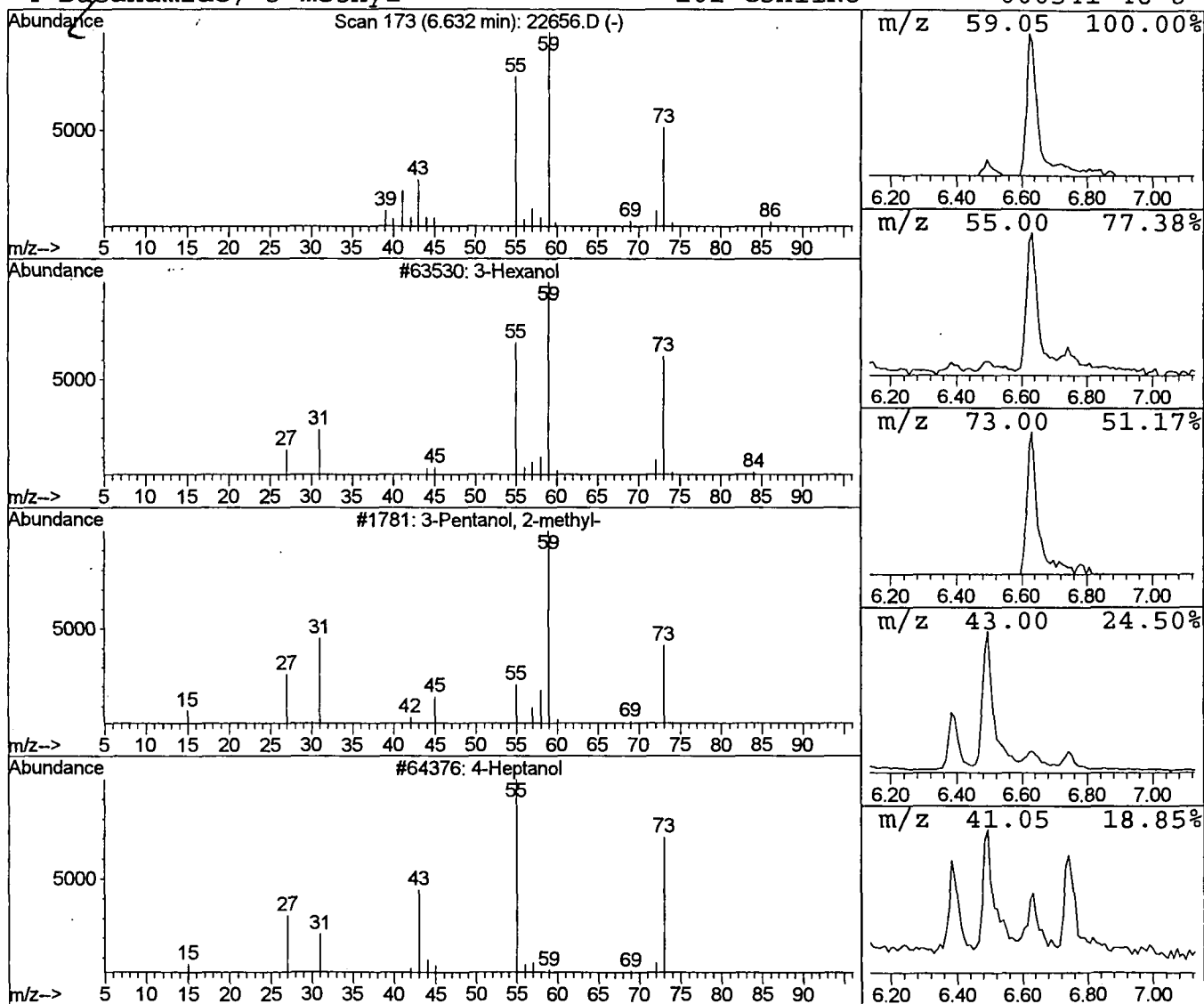
Vial: 15
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	0.43 ug/l	55222	1,4-Dichlorobenzene-d4	11.78

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	3-Hexanol	102	C6H14O	000623-37-0	83
2		3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	38
3		4-Heptanol	116	C7H16O	000589-55-9	22
4		Butanamide, 3-methyl-	101	C5H11NO	000541-46-8	9



Library Search Compound Report

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Acq On : 29 Sep 2001 2:10 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

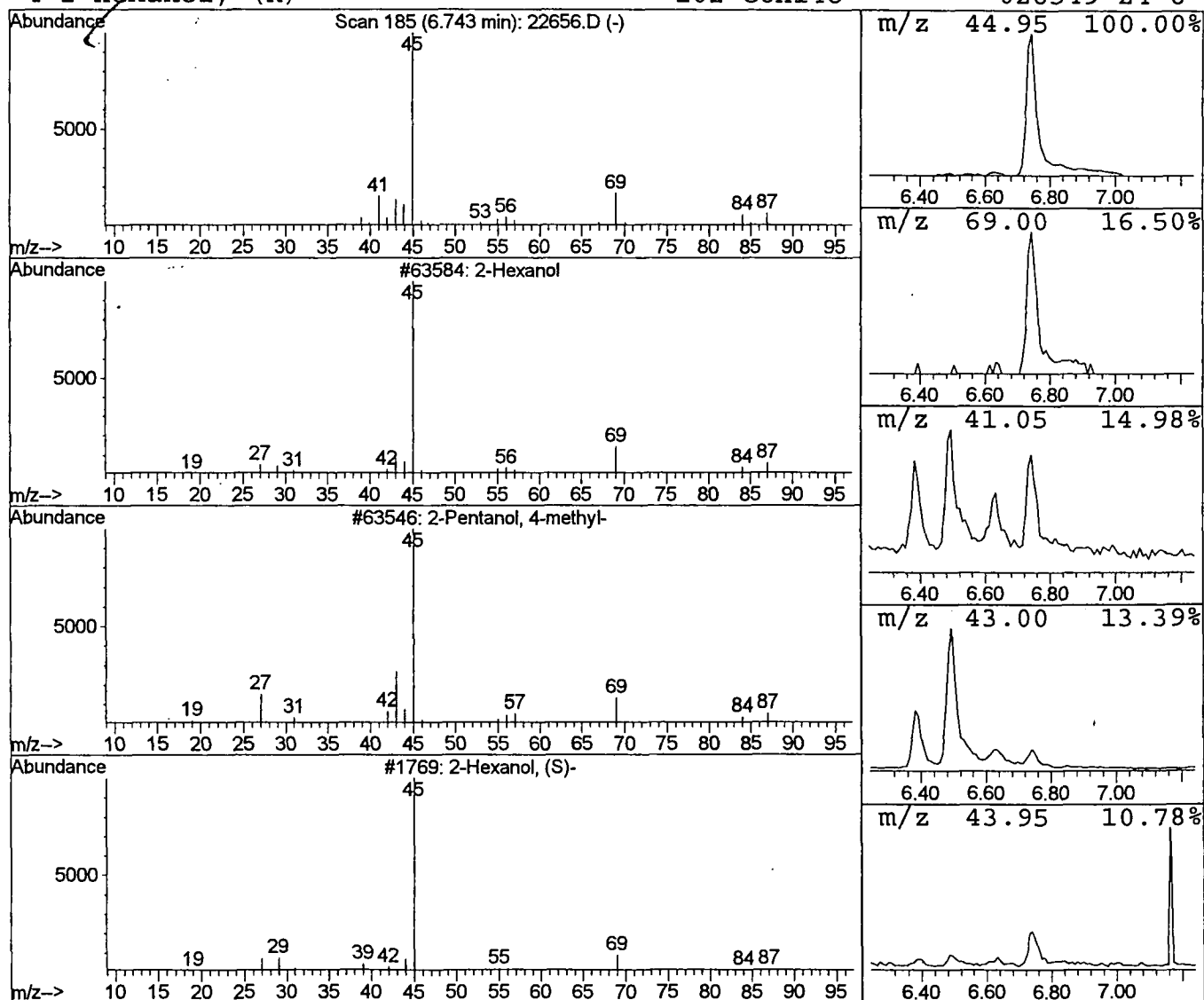
Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.52 ug/l	66915	1,4-Dichlorobenzene-d4	11.78

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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\SEP2801\22656.D
Acq On : 29 Sep 2001 2:10 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

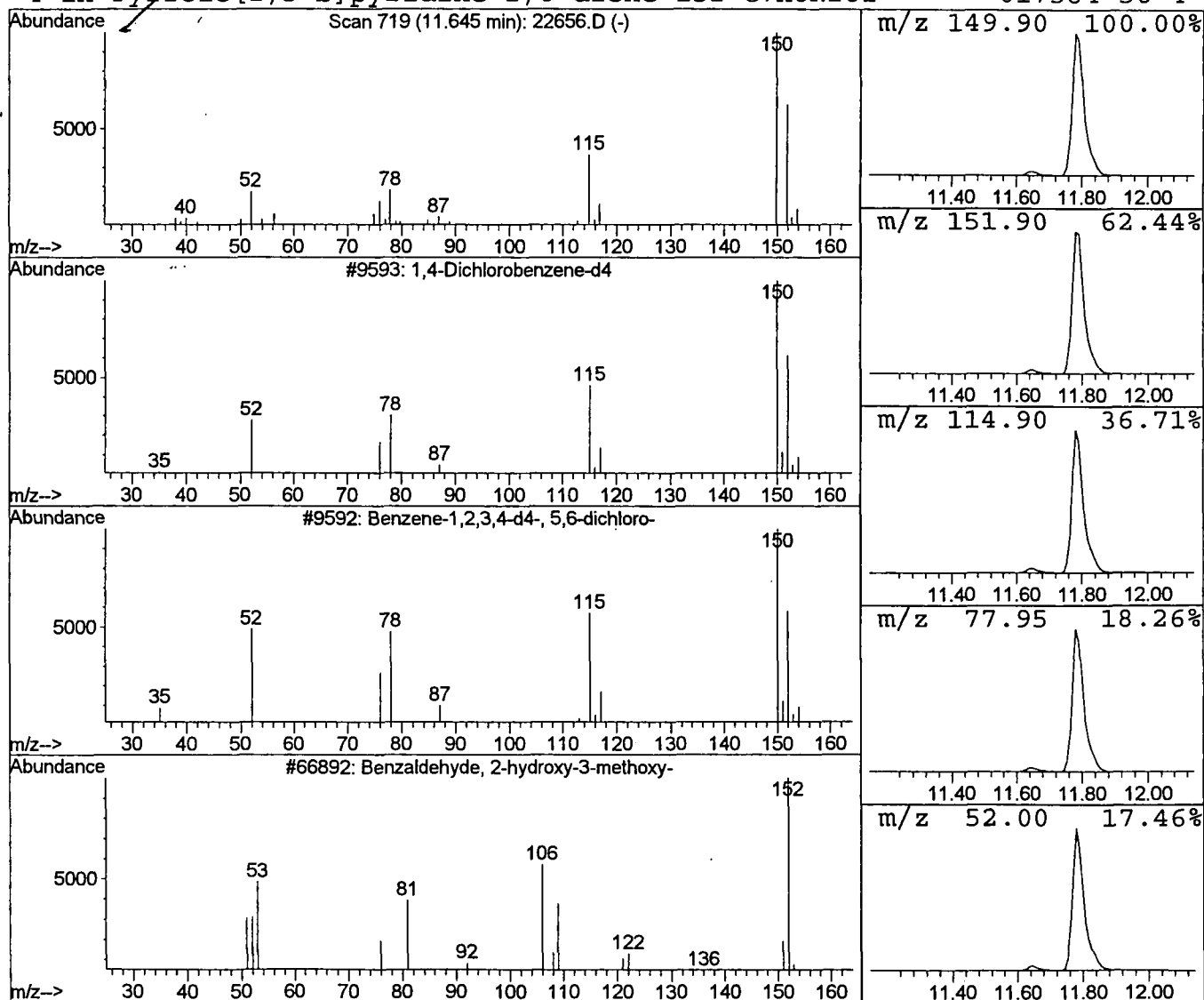
Vial: 15
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	0.53 ug/l	68559	1,4-Dichlorobenzene-d4	11.78

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	43
3			Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10
4			1H-Pyrrolo[2,3-b]pyridine-2,6-dione	152	C7H8N2O2	017384-56-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 29 Sep 2001 2:10 am
Data File: C:\HPCHEM\1\DATA\SEP2801\22656.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	0.5	ug/l	63226	ISTD01	11.78	2576910	20.0
2-Hexanone	6.49	1.0	ug/l	125541	ISTD01	11.78	2576910	20.0
3-Hexanol	6.63	0.4	ug/l	55222	ISTD01	11.78	2576910	20.0
2-Hexanol	6.74	0.5	ug/l	66915	ISTD01	11.78	2576910	20.0
1,4-Dichlorobenzene-	11.64	0.5	ug/l	68559	ISTD01	11.78	2576910	20.0

22656.D NP091101.M Fri Oct 05 10:25:42 2001