User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/29/2001 Time: 09:55:25

Sample: AD23996
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/29/01 09:55 Ended: 10/29/01 09:55 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

Comments for Sample AD23996 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-29-2001 Time: 09:55:30

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.

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D Vial: 4
Acq On : 25 Oct 2001 3:37 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 26 9:01 2001 Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
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	11.73	152	705300	20.00	ug/l	-0.02
19) Naphthalene-d8	15.34	136	2874007	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.63	164	1383475	20.00	ug/l	0.00
49) Phenanthrene-d10	25.06	188	2017478	20.00	ug/l	0.00
59) Chrysene-d12	33.10	240	1025096	20.00	ug/l	0.00
68) Perylene-d12	37.21	264	652150	20.00	ug/l	0.01
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	12.25	152	7684	0.16	ug/l	-0.02
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	18.78	172	3142	0.02	ug/l	0.12
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

NYC-WTC_000067769

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D Vial: 4
Acq On : 25 Oct 2001 3:37 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 26 9:01 2001 Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
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	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	21.07	65	203	N.D.	
44) 2,4-Dinitrotoluene	21.11	165	178	N.D.	
45) Diethylphthalate	22.14	149	646	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	25.06	178	805	N.D.	
56) Anthracene	25.06	178	805	N.D.	
57) Di-n-butylphthalate	27.06	149	5693	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	33.10	228	2676	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.36	149	2636	N.D.	
67) Chrysene	33.10	228	2676	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

NYC-WTC_000067770

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D Vial: 4
Acq On : 25 Oct 2001 3:37 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 26 9:01 2001 Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
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	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.20	252	2532	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

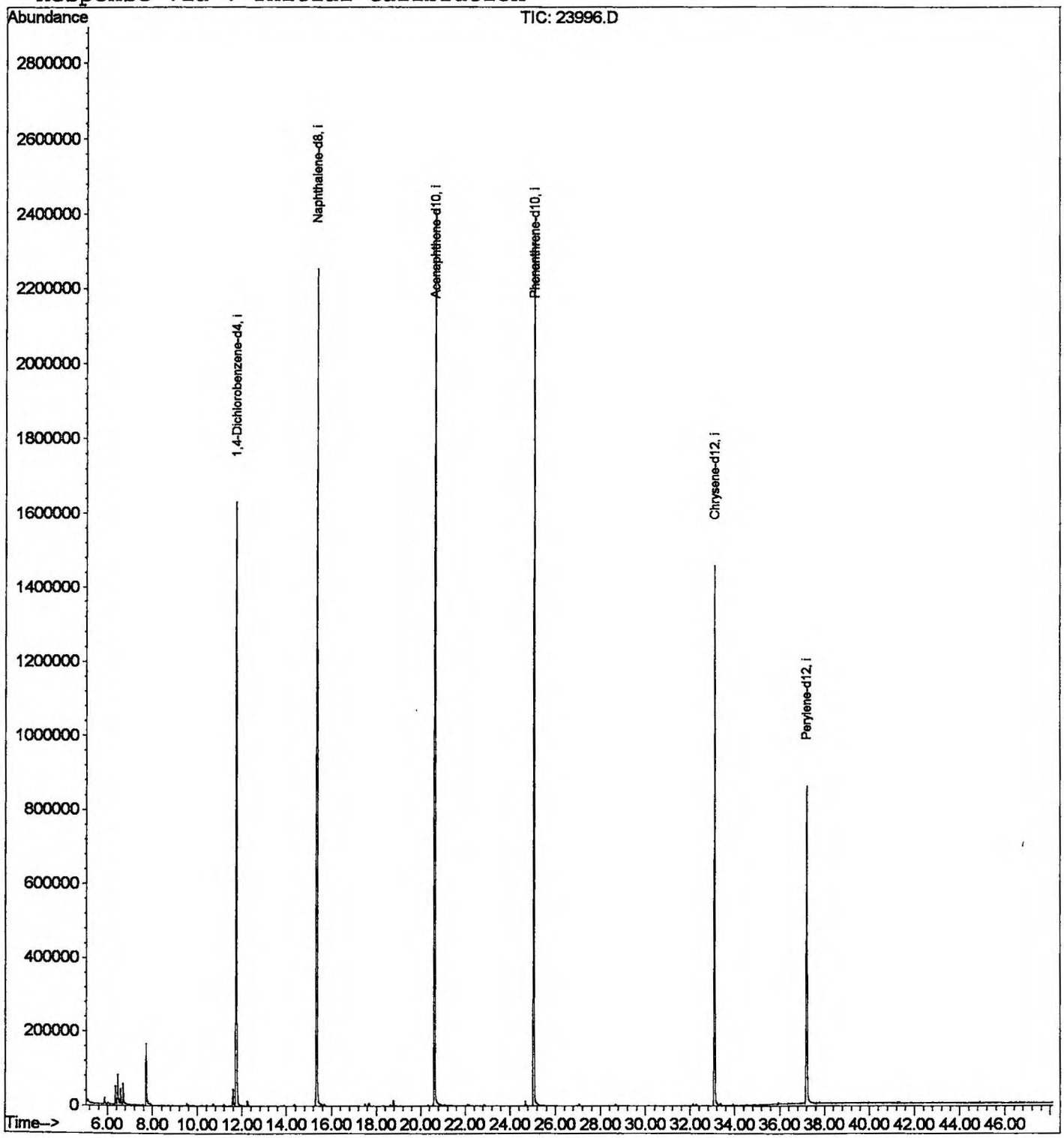
NYC-WTC_000067771

NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D Vial: 4
Acq On : 25 Oct 2001 3:37 pm Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Oct 26 9:01 2001 Quant Results File: NP101901.RES

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



NYC-WTC_000067772

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D Vial: 4
Acq On : 25 Oct 2001 3:37 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\NP101901.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	6.354	139	143	150	rBV	49709	101986	1.84%	0.384%
2	6.464	151	155	165	rVV	80452	192597	3.48%	0.725%
3	6.593	165	169	176	rVV	40638	86125	1.56%	0.324%
4	6.703	177	181	190	rVB	53817	114563	2.07%	0.431%
5	7.722	288	292	303	rBV	165821	366330	6.62%	1.379%
6	11.596	708	714	723	rBV	45195	99790	1.80%	0.376%
7	11.734	723	729	748	rBV	1627744	3799625	68.64%	14.300%
8	15.342	1115	1122	1141	rBV	2253080	5311734	95.95%	19.992%
9	20.630	1690	1698	1713	rBV	2412277	5535749	100.00%	20.835%
10	25.064	2173	2181	2194	rBV	2341504	5135320	92.77%	19.328%
11	33.097	3049	3056	3071	rBV2	1456965	3337686	60.29%	12.562%
12	37.209	3495	3504	3517	rBV2	855564	2488380	44.95%	9.365%

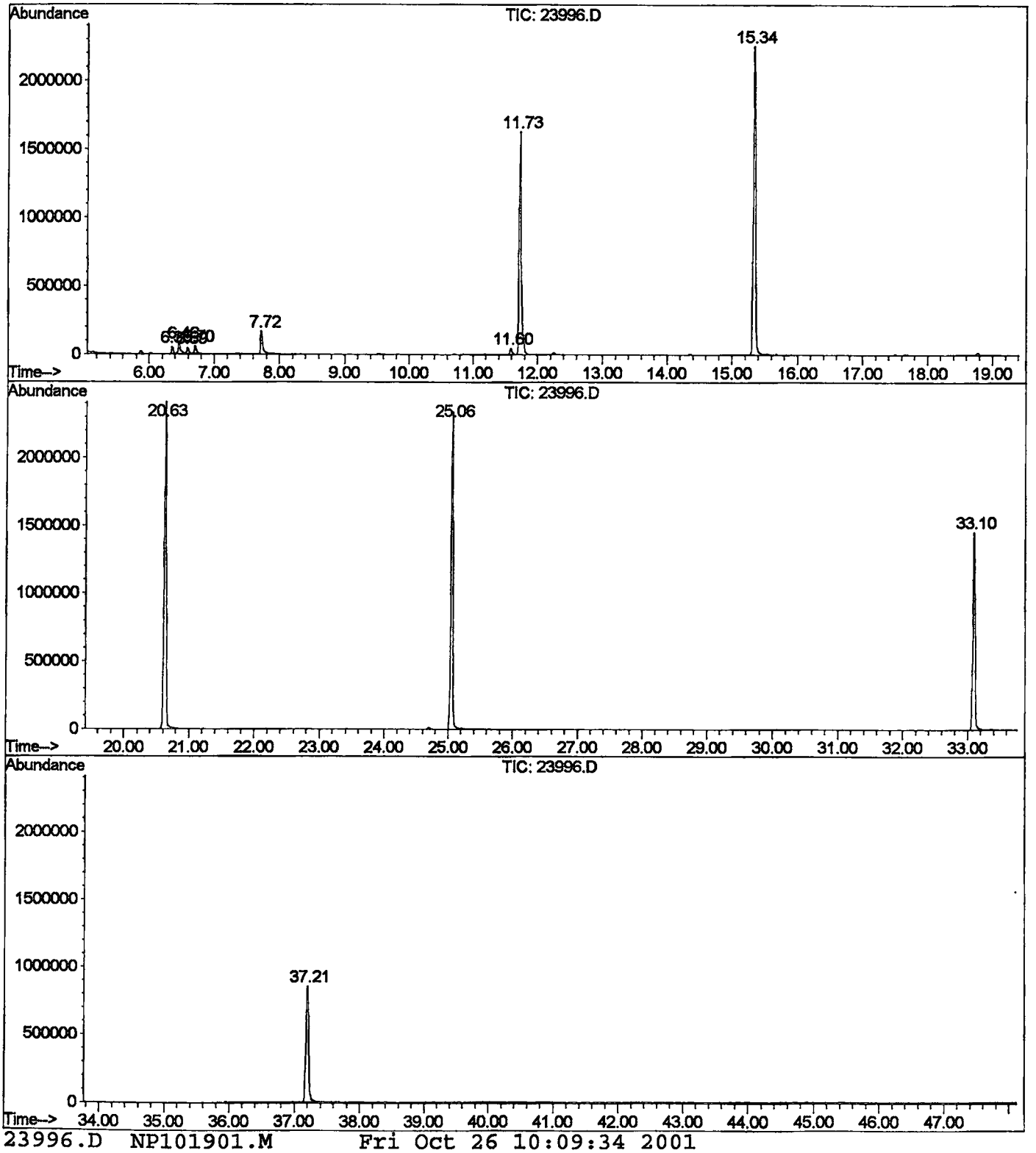
Sum of corrected areas: 26569885

23996.D NP101901.M Fri Oct 26 10:09:32 2001

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT2501\23996.D
Operator : 209 GALOS
Acquired : 25 Oct 2001 3:37 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 4
Quant File :NP101901.RES (RTE Integrator)



23996.D NP101901.M Fri Oct 26 10:09:34 2001

NYC-WTC_000067774

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D
Acq On : 25 Oct 2001 3:37 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

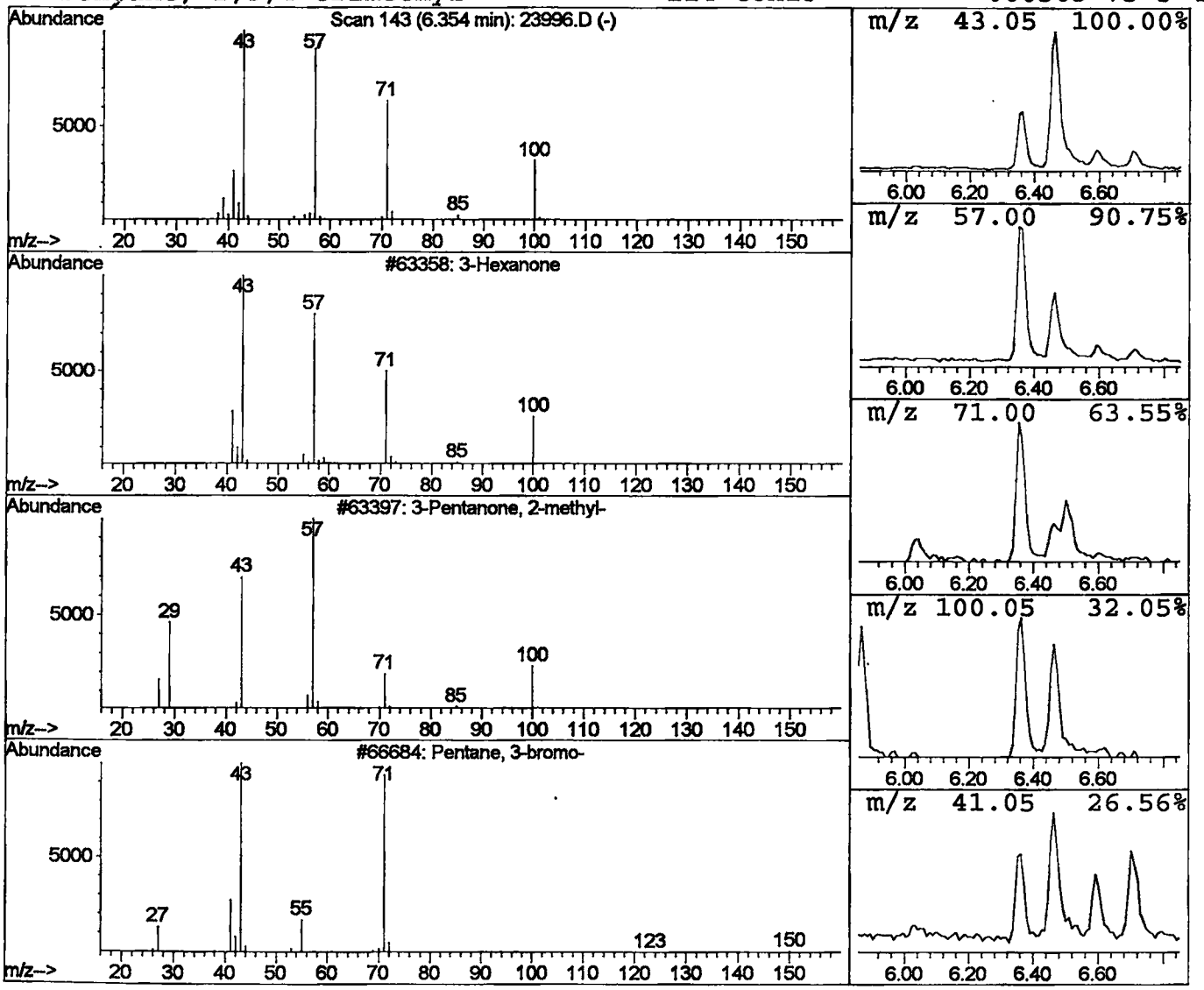
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	0.54 ug/l	101986	1,4-Dichlorobenzene-d4	11.73

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	47
3	Pentane, 3-bromo-	150	C5H11Br	001809-10-5	43
4	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	40



NYC-WTC_000067775

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D
Acq On : 25 Oct 2001 3:37 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

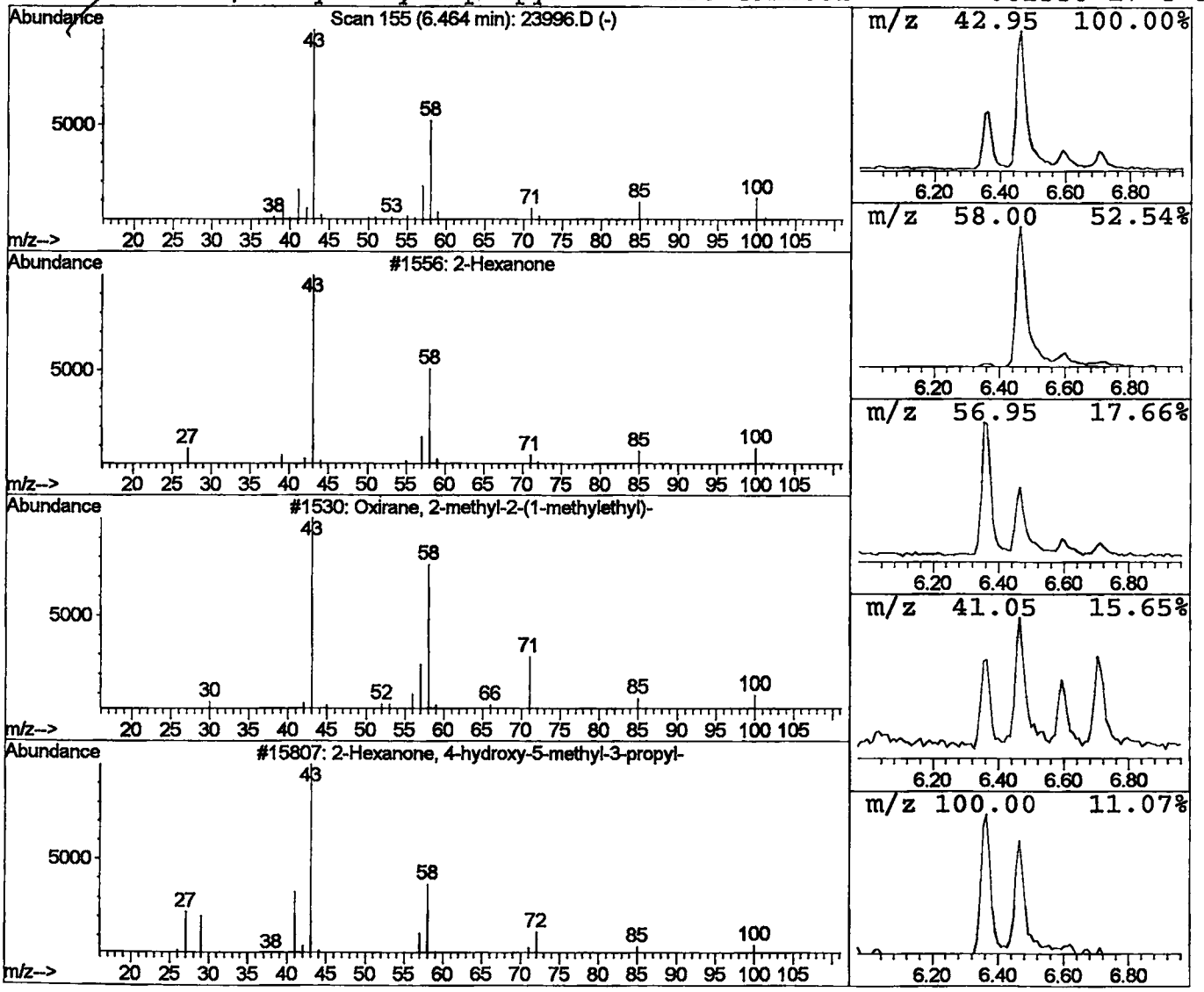
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	1.01 ug/l	192597	1,4-Dichlorobenzene-d4	11.73

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



NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D
Acq On : 25 Oct 2001 3:37 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

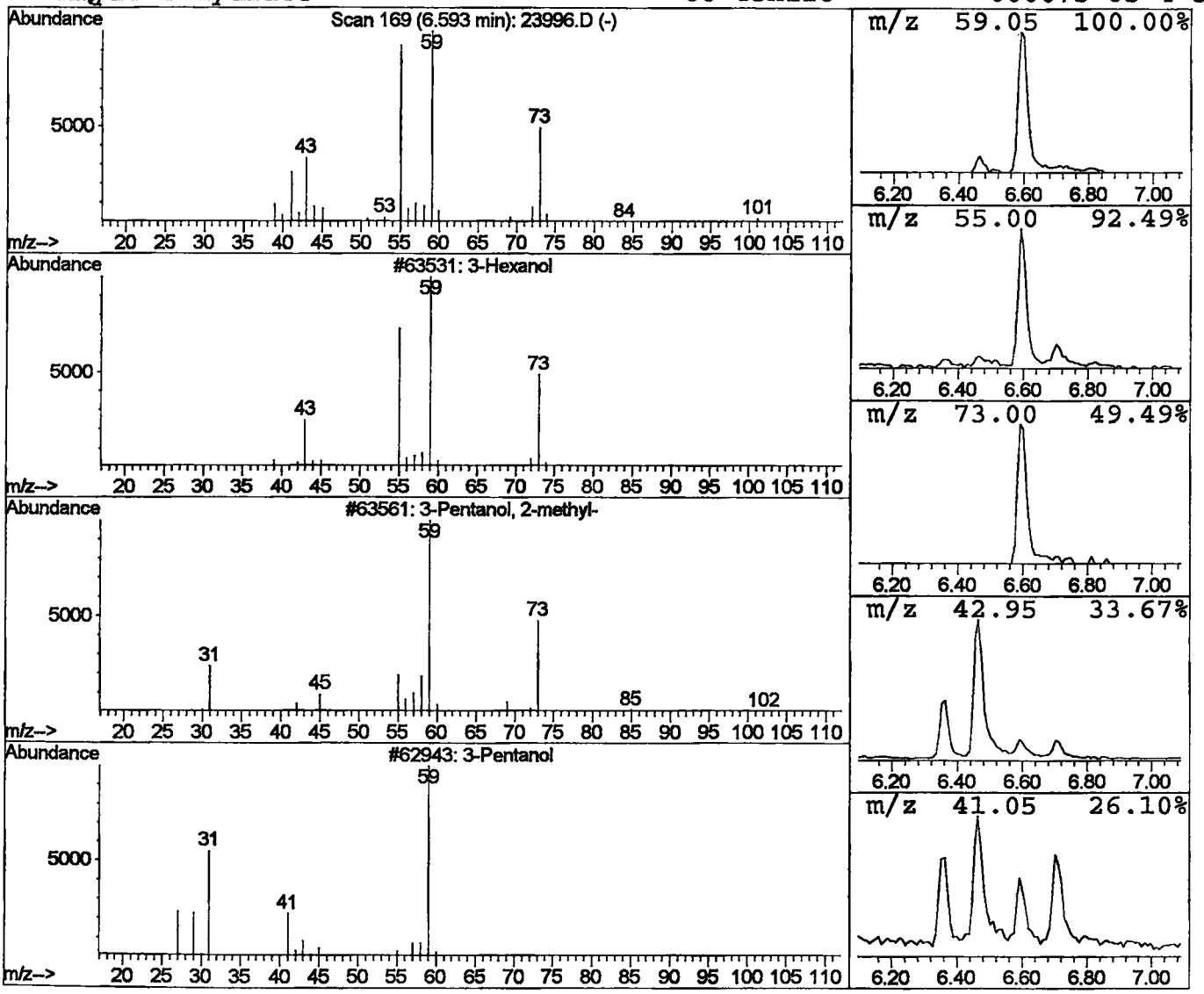
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	0.45 ug/l	86125	1,4-Dichlorobenzene-d4	11.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	90
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	45
3	3-Pentanol	88	C5H12O	000584-02-1	42
4	Amylene Hydrate	88	C5H12O	000075-85-4	38



NYC-WTC_000067777

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D
Acq On : 25 Oct 2001 3:37 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

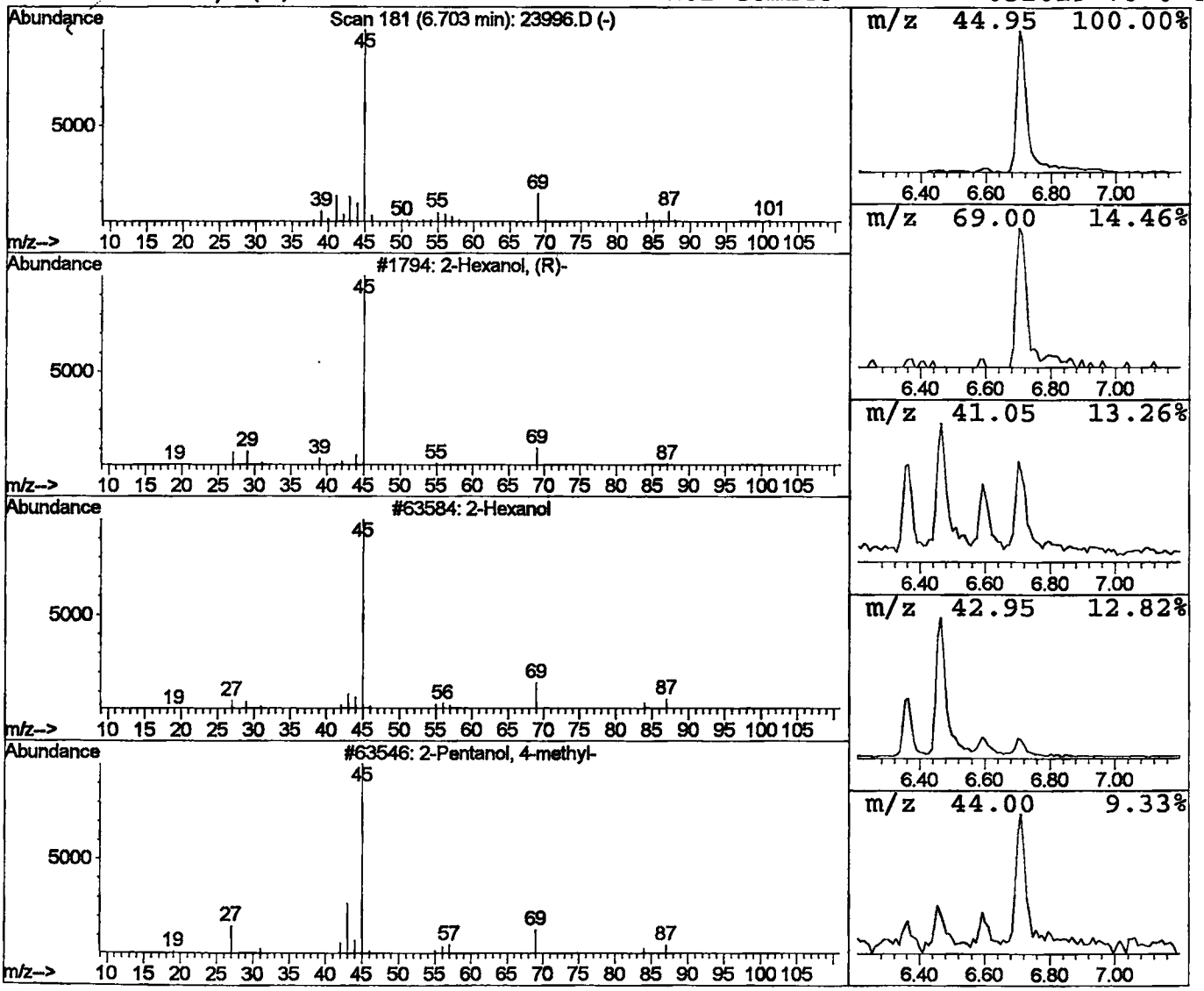
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol, (R)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	0.60 ug/l	114563	1,4-Dichlorobenzene-d4	11.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, (R)-	102	C6H14O	026549-24-6	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
4	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D
Acq On : 25 Oct 2001 3:37 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

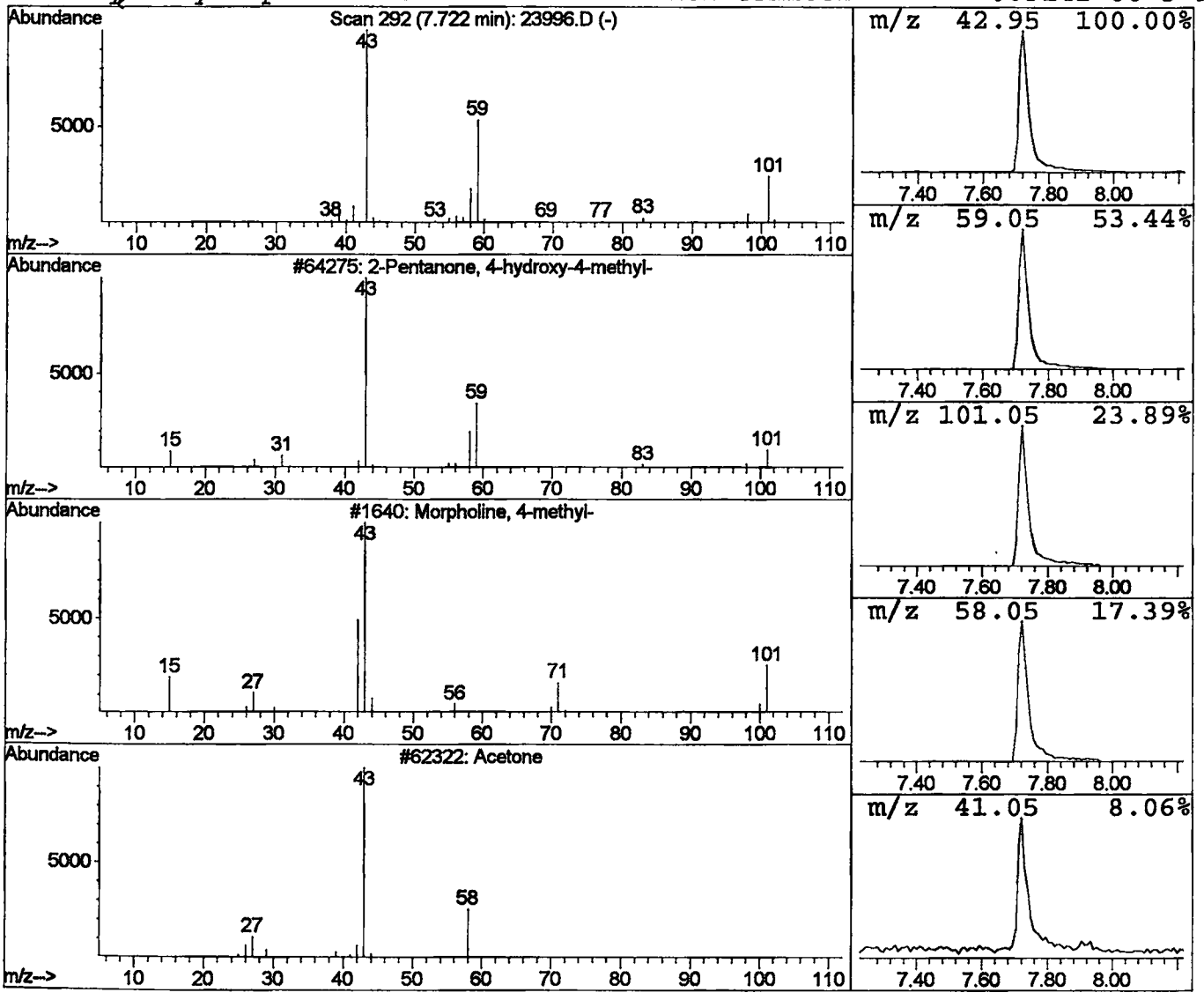
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	1.93 ug/l	366330	1,4-Dichlorobenzene-d4	11.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
2	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
3	Acetone	58	C3H6O	000067-64-1	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\23996.D
Acq On : 25 Oct 2001 3:37 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

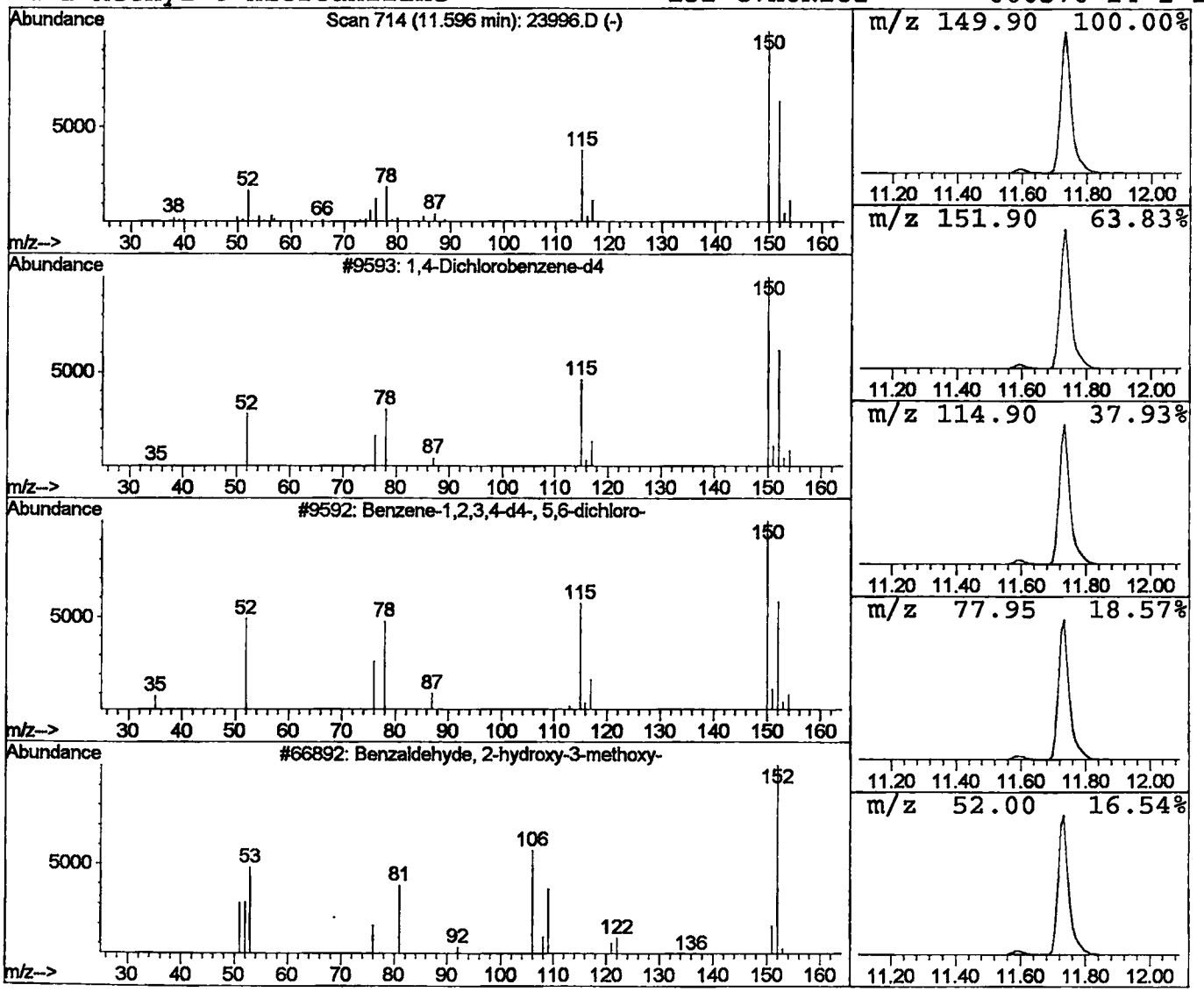
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 1,4-Dichlorobenzene-d4 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.60	0.53 ug/l	99790	1,4-Dichlorobenzene-d4	11.73

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	14
4	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10



NYC-WTC_000067780

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 25 Oct 2001 3:37 pm
Data File: C:\HPCHEM\1\DATA\OCT2501\23996.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
3-Hexanone	6.35	0.5	ug/l	101986	ISTD01	11.73	3799630	20.0
2-Hexanone	6.46	1.0	ug/l	192597	ISTD01	11.73	3799630	20.0
3-Hexanol	6.59	0.5	ug/l	86125	ISTD01	11.73	3799630	20.0
2-Hexanol, (R)-	6.70	0.6	ug/l	114563	ISTD01	11.73	3799630	20.0
2-Pentanone, 4-hydro	7.72	1.9	ug/l	366330	ISTD01	11.73	3799630	20.0
1,4-Dichlorobenzene-	11.60	0.5	ug/l	99790	ISTD01	11.73	3799630	20.0

23996.D NP101901.M Fri Oct 26 10:09:49 2001