User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 10/29/2001 Time: 10:10:42

Sample: AD24046
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 10/29/01 10:10 Ended: 10/29/01 10:10 Analyst: MG
Page: 1

	Component Name	Vial	Result
1	Other unknown compounds		see comment

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Comments for Sample AD24046 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 10-29-2001 Time: 10:10:47

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.

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D Vial: 7
Acq On : 25 Oct 2001 6:33 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 9:02 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	11.74	152	689016	20.00	ug/l	-0.02
19) Naphthalene-d8	15.35	136	2839408	20.00	ug/l	-0.02
31) Acenaphthene-d10	20.63	164	1364212	20.00	ug/l	0.00
49) Phenanthrene-d10	25.06	188	2017162	20.00	ug/l	0.00
59) Chrysene-d12	33.10	240	1218667	20.00	ug/l	0.00
68) Perylene-d12	37.20	264	853327	20.00	ug/l	0.00
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	11.74	132	677	0.01	ug/l	0.48
Spiked Amount 75.000			Recovery =	0.01%		
7) 1,2-Dichlorobenzene-d4	12.25	152	7728	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	18.77	172	2920	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	10.73	94	100	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_000067813

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D Vial: 7
Acq On : 25 Oct 2001 6:33 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 9:02 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	15.40	128	237	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	20.96	165	447	N.D.	
45)	Diethylphthalate	22.14	149	321	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	767	N.D.	
56)	Anthracene	25.06	178	767	N.D.	
57)	Di-n-butylphthalate	27.06	149	5981	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	3057	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.37	149	5838	N.D.	
67)	Chrysene	33.10	228	3058	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_000067814

NYC 9/11 Public Portal Document

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D Vial: 7
Acq On : 25 Oct 2001 6:33 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 9:02 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	3384	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_000067815

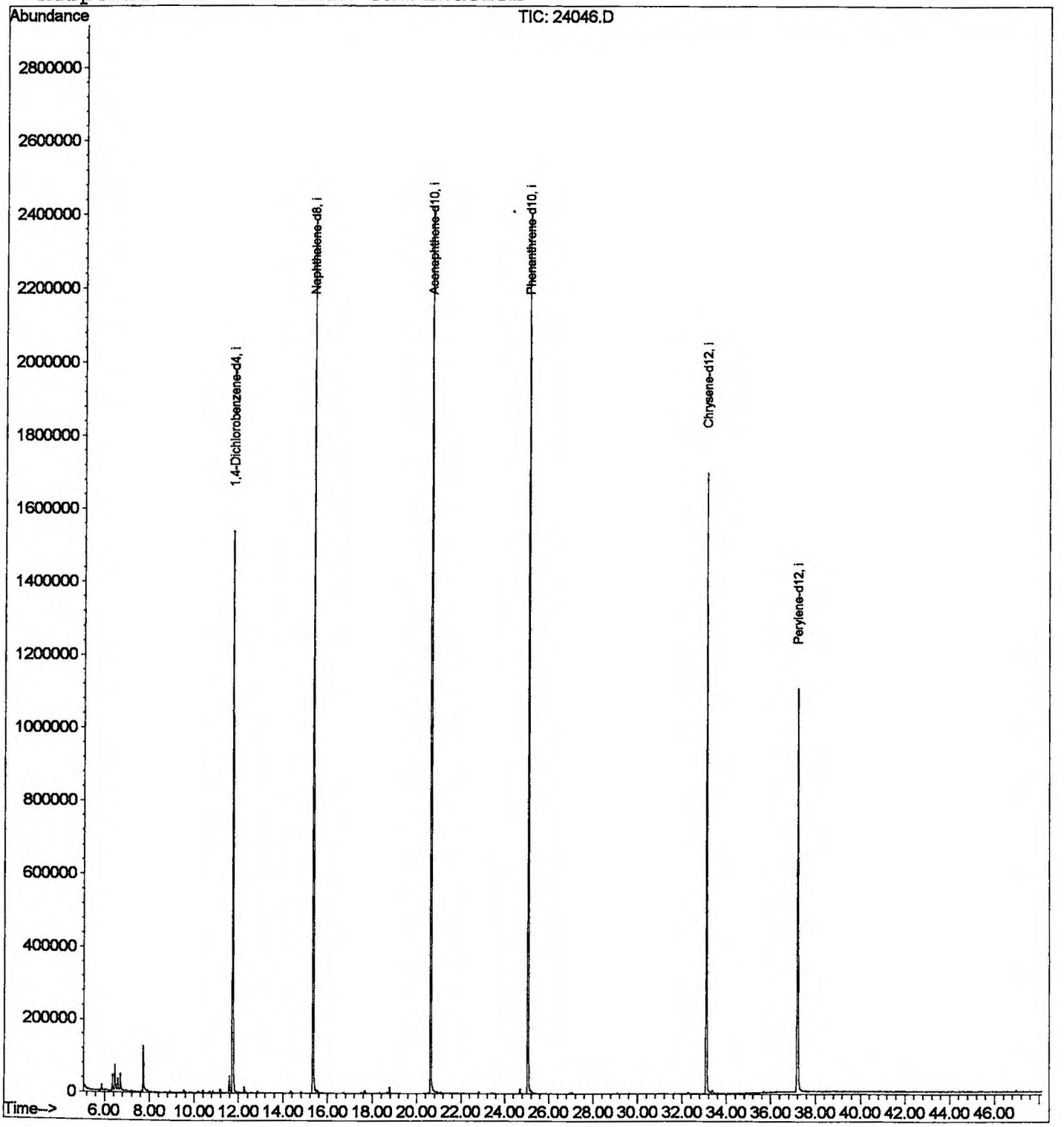
NYC 9/11 Public Portal Document

Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D
Acq On : 25 Oct 2001 6:33 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 26 9:02 2001

Vial: 7
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 7/16/01
Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



NYC-WTC_000067816

NYC 9/11 Public Portal Document

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D Vial: 7
Acq On : 25 Oct 2001 6:33 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	6.359	139	143	150	rBV	44719	90460	1.65%	0.328%
2	6.460	150	154	165	rVV	72912	173949	3.18%	0.630%
3	6.598	165	169	177	rVV	33723	78099	1.43%	0.283%
4	6.708	177	181	190	rVB	46135	102079	1.87%	0.370%
5	7.718	288	291	303	rBV	125082	301526	5.51%	1.092%
6	11.592	707	713	723	rBV	45489	106229	1.94%	0.385%
7	11.739	723	729	742	rBV	1536216	3688852	67.42%	13.360%
8	15.346	1115	1122	1138	rBV	2351972	5205930	95.14%	18.855%
9	20.634	1690	1698	1711	rBV	2425619	5471626	100.00%	19.817%
10	25.059	2173	2180	2190	rBV2	2388992	5192034	94.89%	18.804%
11	33.101	3048	3056	3073	rBV2	1699683	3966517	72.49%	14.366%
12	37.205	3494	3503	3522	rBV2	1100826	3233463	59.10%	11.711%

Sum of corrected areas: 27610764

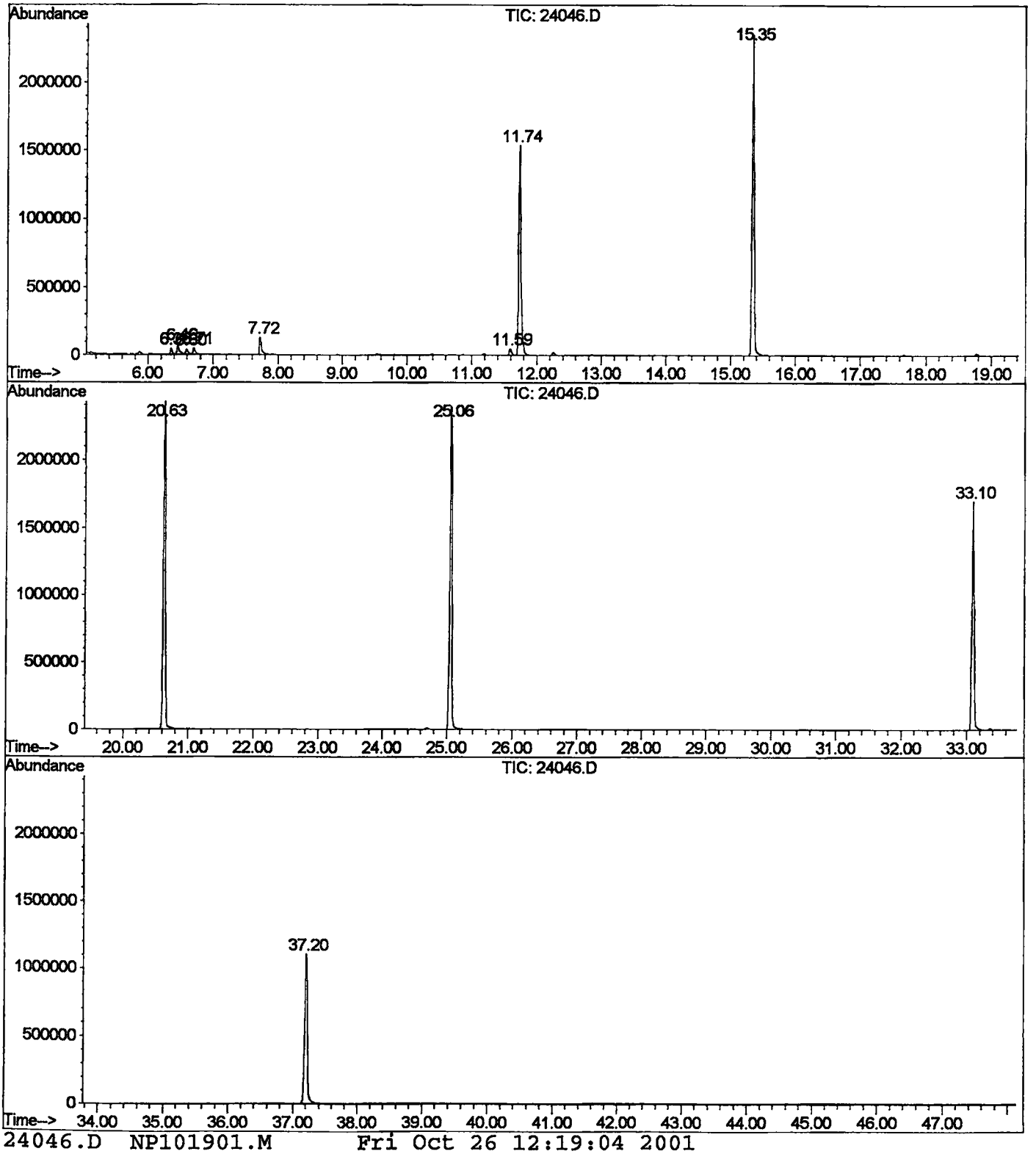
24046.D NP101901.M Fri Oct 26 12:18:47 2001

NYC-WTC_000067817

NYC 9/11 Public Portal Document

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT2501\24046.D
Operator : 209 GALOS
Acquired : 25 Oct 2001 6:33 pm using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 7
Quant File :NP101901.RES (RTE Integrator)



24046.D NP101901.M Fri Oct 26 12:19:04 2001

NYC-WTC_000067818

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D
Acq On : 25 Oct 2001 6:33 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

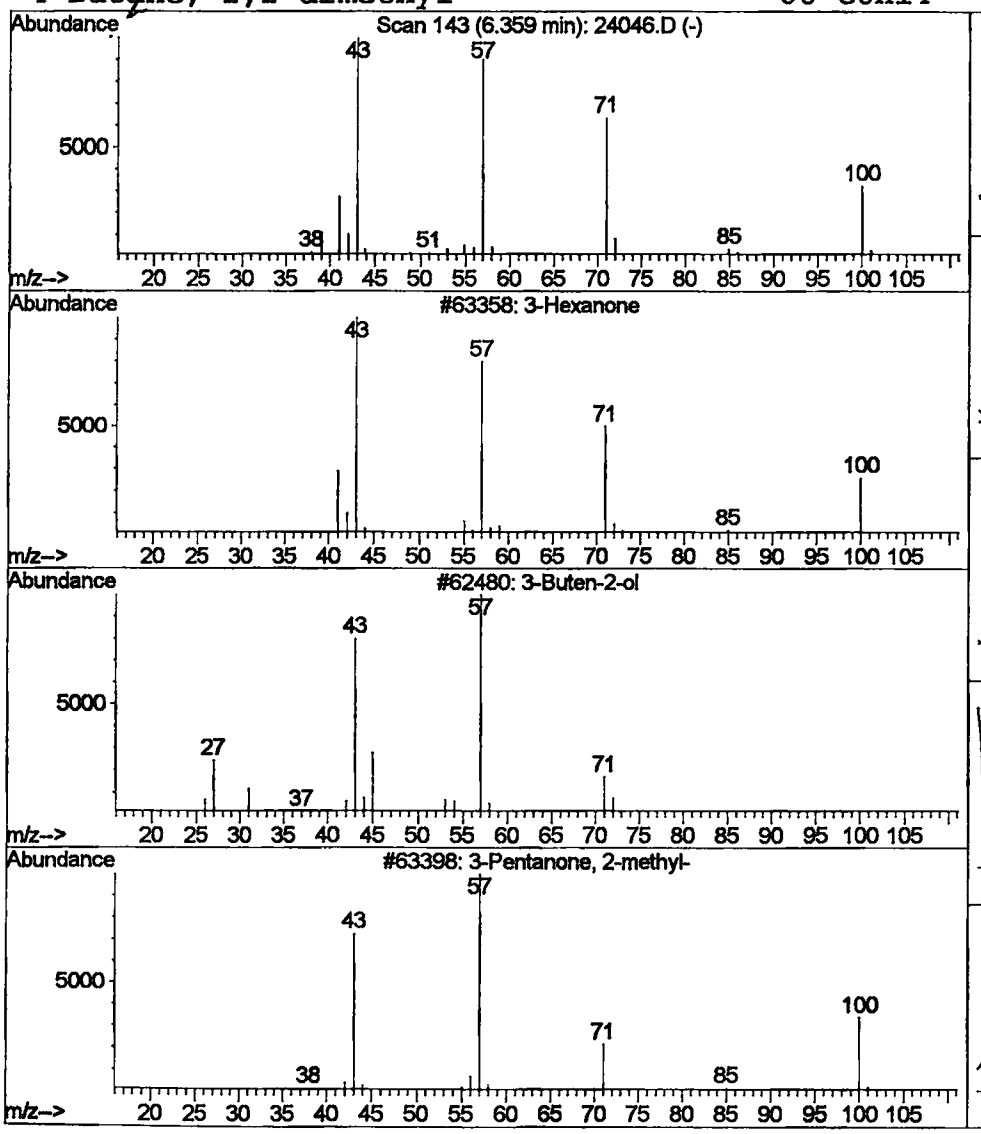
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

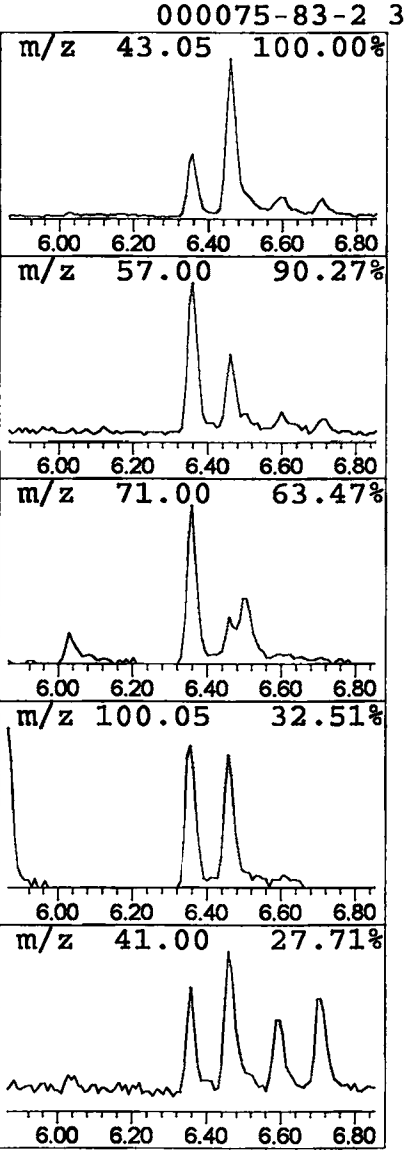
****

Peak Number 1 3-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.36	0.49 ug/l	90460	1,4-Dichlorobenzene-d4	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Buten-2-ol	72	C4H8O	000598-32-3	38
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	38
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	36





NYC-WTC_000067819

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D
Acq On : 25 Oct 2001 6:33 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

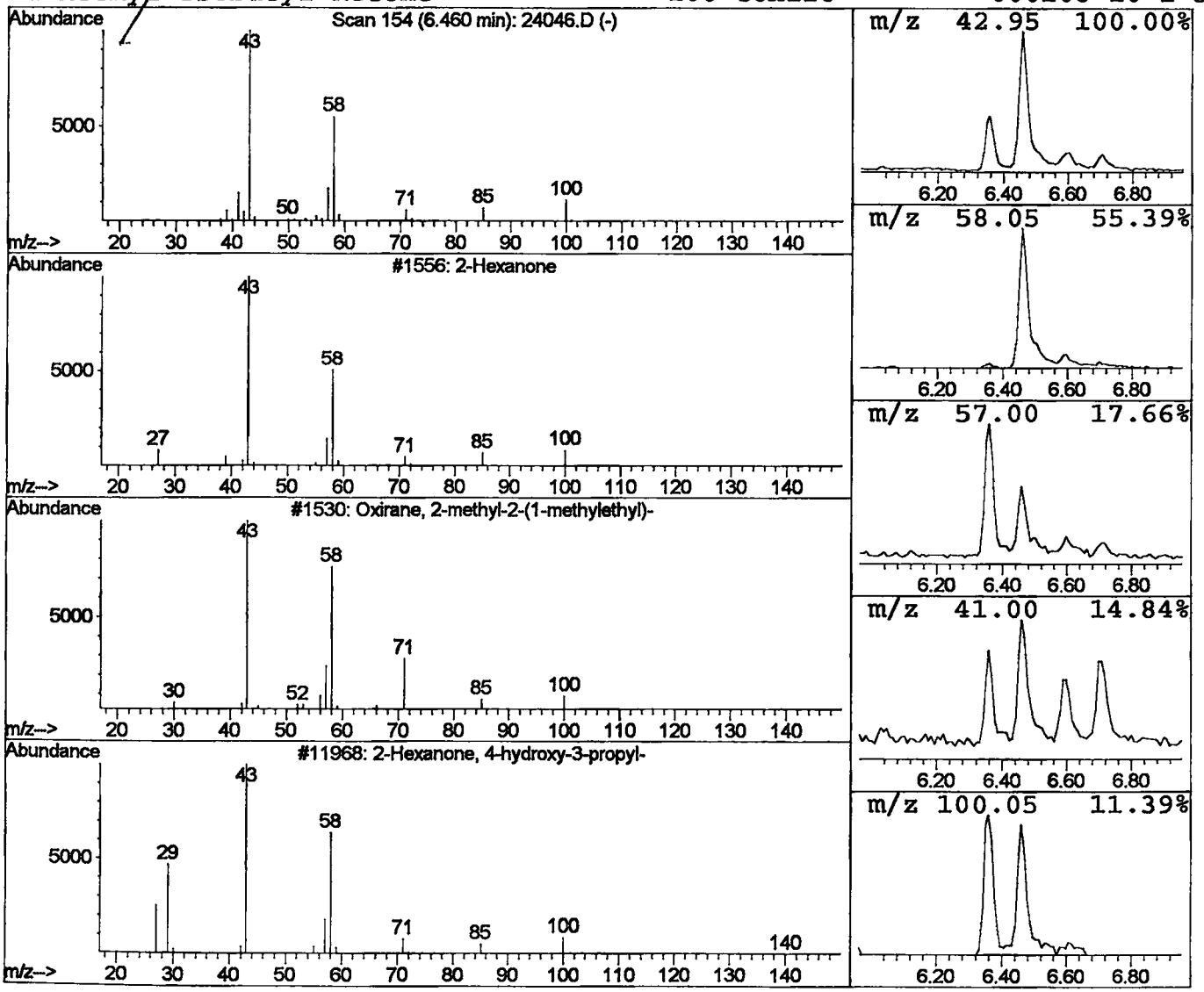
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	0.94 ug/l	173949	1,4-Dichlorobenzene-d4	11.74

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	86
3	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	72
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



NYC-WTC_000067820

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D
Acq On : 25 Oct 2001 6:33 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

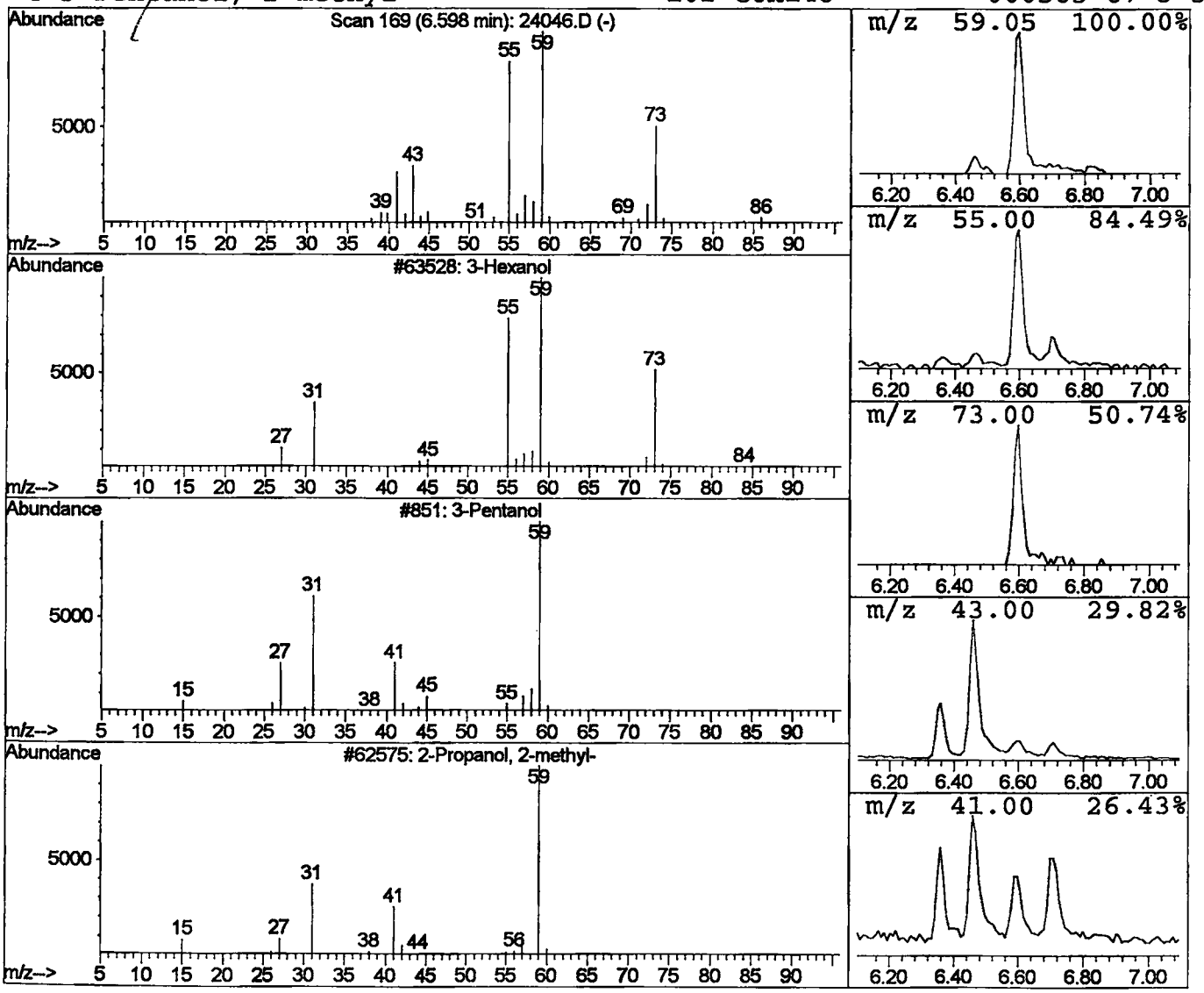
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol — Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	0.42 ug/l	78099	1,4-Dichlorobenzene-d4	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Pentanol	88	C5H12O	000584-02-1	53
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	40
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	36



NYC-WTC_000067821

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D
Acq On : 25 Oct 2001 6:33 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

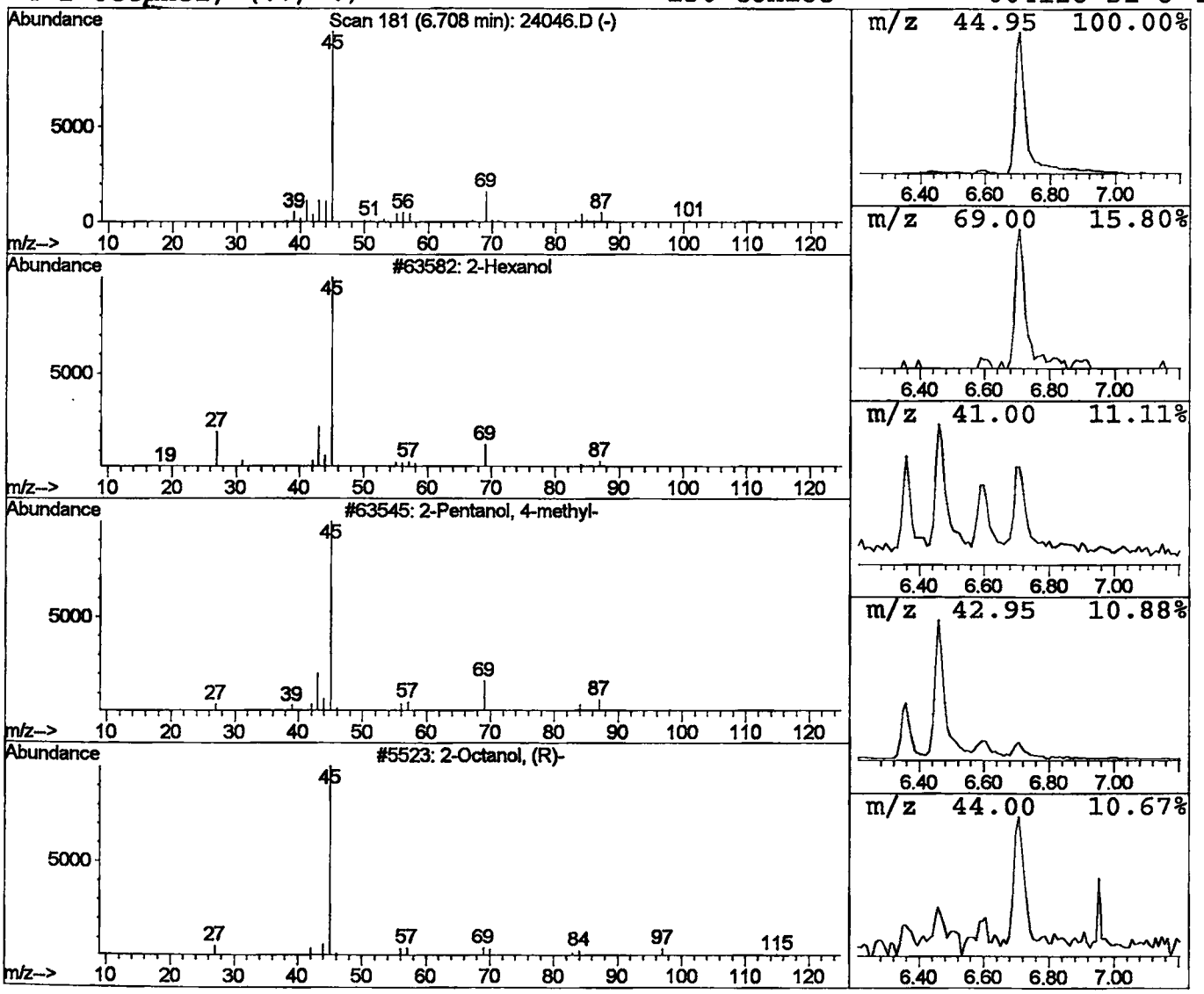
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.71	0.55 ug/l	102079	1,4-Dichlorobenzene-d4	11.74

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-Octanol, (R)-	130	C8H18O	005978-70-1	40
4	2-Octanol, (.+/-.)-	130	C8H18O	004128-31-8	40



NYC-WTC_000067822

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D
Acq On : 25 Oct 2001 6:33 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

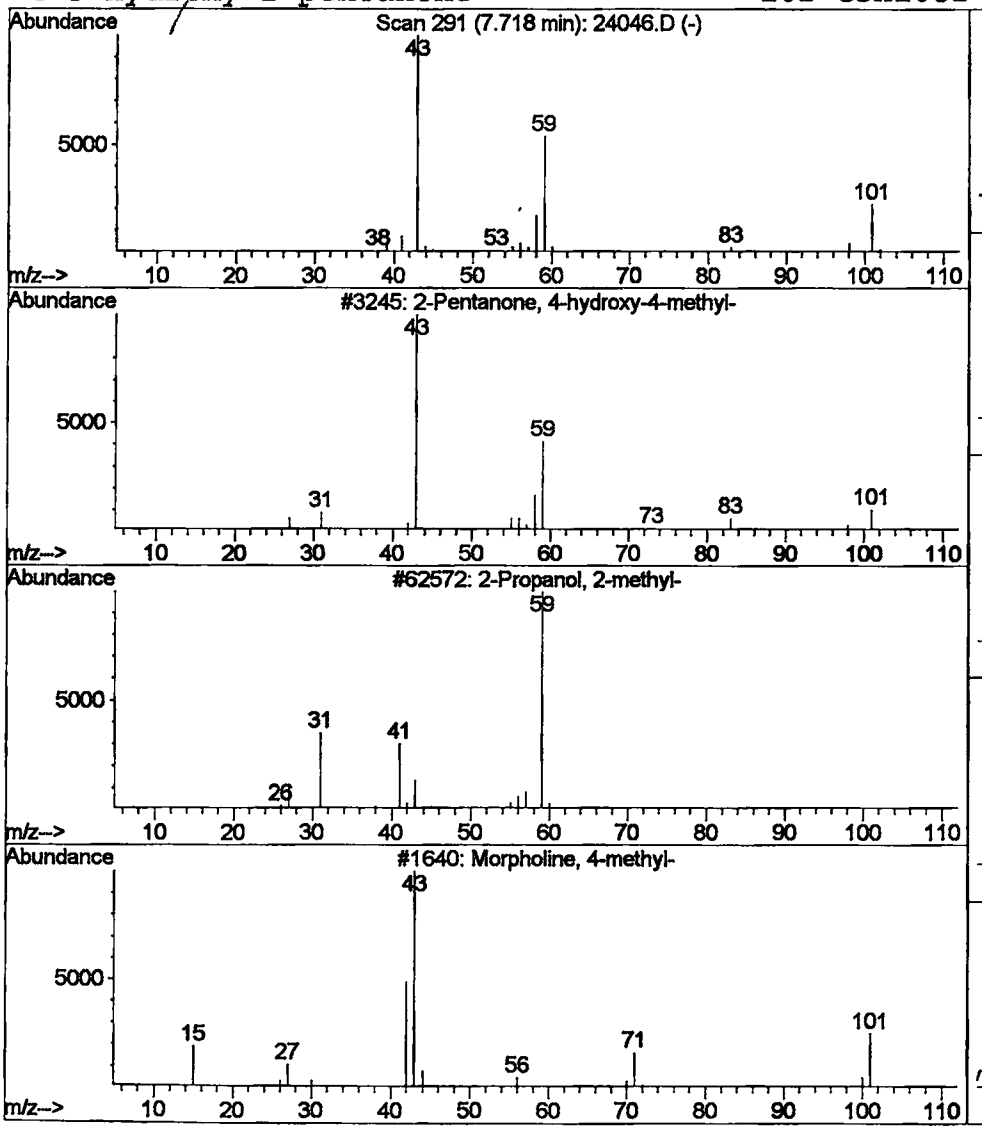
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

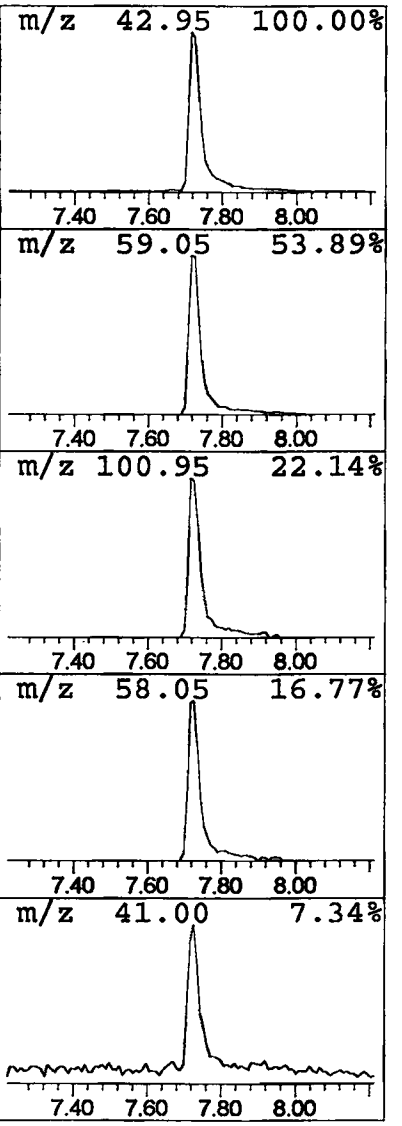
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.72	1.63 ug/l	301526	1,4-Dichlorobenzene-d4	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
2	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9





NYC-WTC_000067823

NYC 9/11 Public Portal Document

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT2501\24046.D
Acq On : 25 Oct 2001 6:33 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 7
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

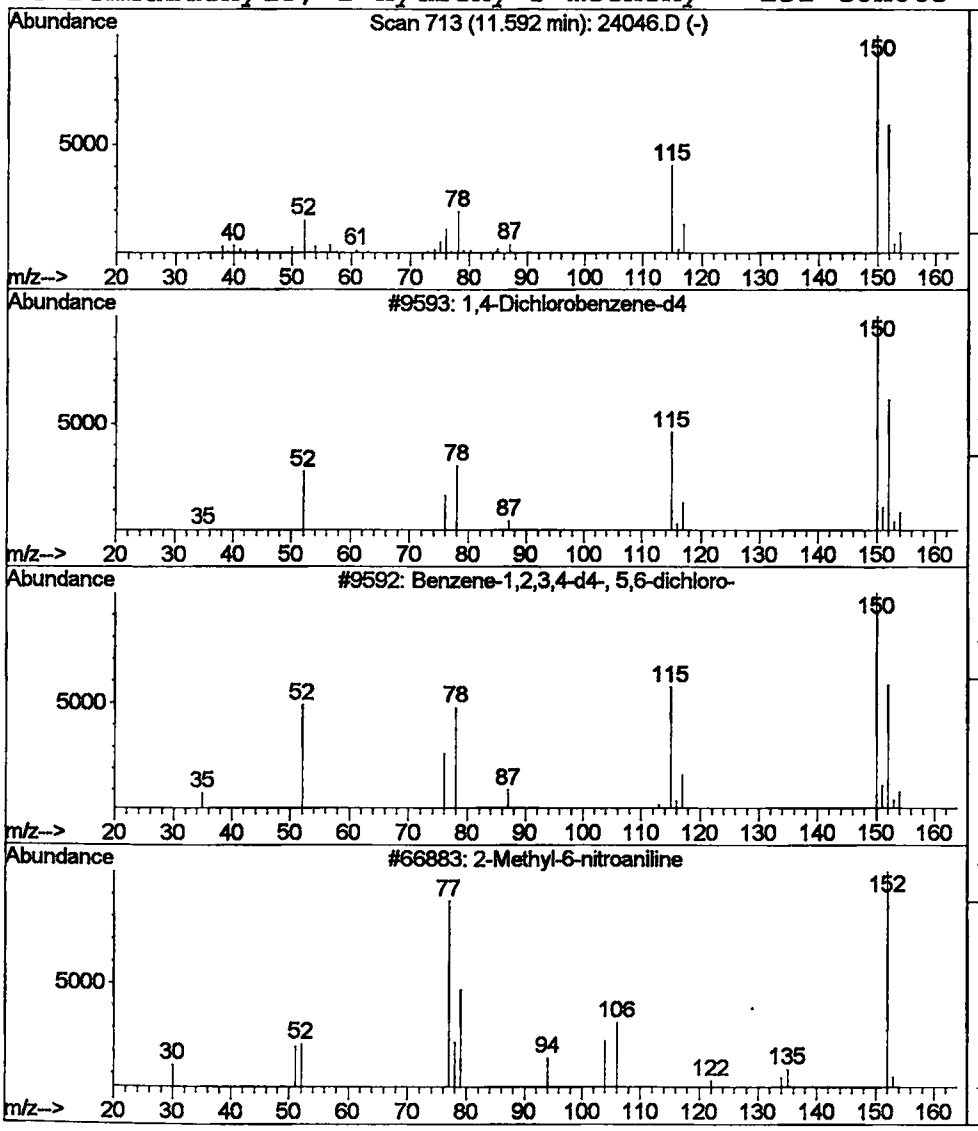
Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
Title : 209 625/TCLP calibration table 7/16/01
Library : C:\DATABASE\NBS75K.L

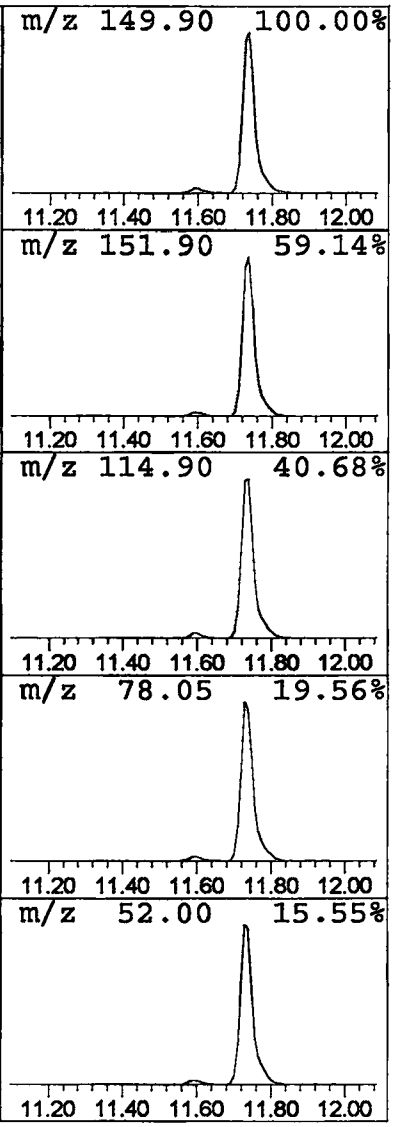
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	0.58 ug/l	106229	1,4-Dichlorobenzene-d4	11.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	50
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	16
3	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10
4	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	10





NYC-WTC_000067824

NYC 9/11 Public Portal Document

Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 25 Oct 2001 6:33 pm
Data File: C:\HPCHEM\1\DATA\OCT2501\24046.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	6.36	0.5	ug/l	90460	ISTD01	11.74	3688850	20.0
2-Hexanone	6.46	0.9	ug/l	173949	ISTD01	11.74	3688850	20.0
3-Hexanol	6.60	0.4	ug/l	78099	ISTD01	11.74	3688850	20.0
2-Hexanol	6.71	0.6	ug/l	102079	ISTD01	11.74	3688850	20.0
2-Pentanone, 4-hydro	7.72	1.6	ug/l	301526	ISTD01	11.74	3688850	20.0
1,4-Dichlorobenzene-	11.59	0.6	ug/l	106229	ISTD01	11.74	3688850	20.0

24046.D NP101901.M Fri Oct 26 12:20:35 2001

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