

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 11/01/2001 Time: 13:42:58

Sample: AD23797
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 11/1/01 13:41 Ended: 11/1/01 13:41 Analyst: MG
 Page: 1

	Component Name	Viol.	Result
1	Other unknown compounds		see comment

Comments for Sample AD23797 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-01-2001 Time: 13:43:04

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\OCT3001\23797.D
 Acq On : 31 Oct 2001 6:07 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Oct 31 12:23 2001

Vial: 17
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 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	11.71	152	565167	20.00	ug/l	-0.05
19) Naphthalene-d8	15.31	136	2247663	20.00	ug/l	-0.05
31) Acenaphthene-d10	20.59	164	1058664	20.00	ug/l	-0.04
49) Phenanthrene-d10	25.02	188	1468499	20.00	ug/l	-0.04
59) Chrysene-d12	33.05	240	817540	20.00	ug/l	-0.05
68) Perylene-d12	37.15	264	555803	20.00	ug/l	-0.04

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	11.71	132	342	0.01	ug/l	0.45
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	6187	0.16	ug/l	-0.04
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	18.75	172	2078	0.02	ug/l	0.10
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

Target Compounds	R.T.	QIon	Response	Conc	Units	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

23797.D NP101901.M Wed Oct 31 12:23:52 2001

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\OCT3001\23797.D

Vial: 17

Acq On : 31 Oct 2001 6:07 am

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Oct 31 12:23 2001

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table

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	15.38	128	198	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	20.88	165	318	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	25.02	178	452	N.D.		
56) Anthracene	25.02	178	452	N.D.		
57) Di-n-butylphthalate	27.03	149	2206	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	33.06	228	2238	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	4131	N.D.		
67) Chrysene	33.06	228	2237	N.D.		
69) Di-n-Octylphthalate	35.09	149	111	N.D.		
70) Benzo(b)fluoranthene	36.10	252	344	N.D.		

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

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Quantitation Report

(QT Reviewed)

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Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Oct 31 12:23 2001

Vial: 17

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Results File: NP101901.RES

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)

Title : 209 625/TCLP calibration table

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	36.17	252	301	N.D.		
72) Benzo(a)pyrene	36.99	252	290	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

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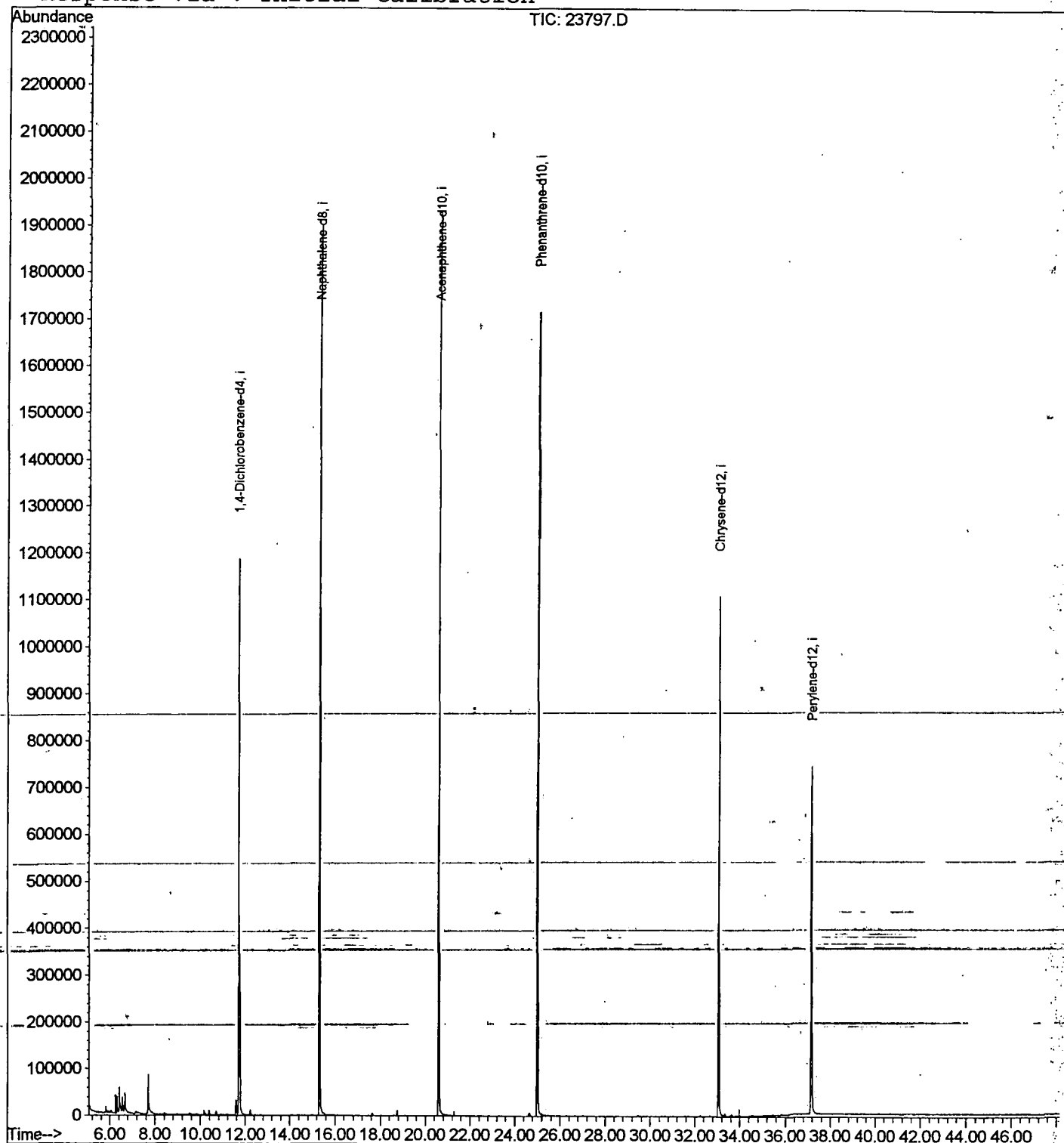
Quantitation Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23797.D
Acq On : 31 Oct 2001 6:07 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Oct 31 12:23 2001

Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP101901.RES

Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
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Last Update : Tue Oct 23 10:12:13 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23797.D

Acq On : 31 Oct 2001 6:07 am

Sample : gc/ms unknown

Misc :

MS Integration Params: LSCINT.P

Vial: 17

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)

Title : 209 625/TCLP calibration table

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	6.318	135	139	145	rVV	35649	69721	1.66%	0.344%
2	6.419	147	150	161	rVV2	53724	145149	3.46%	0.715%
3	6.557	161	165	173	rVV	32735	71452	1.70%	0.352%
4	6.667	173	177	186	rVB	40965	87410	2.08%	0.431%
5	7.695	286	289	304	rBV	83562	211073	5.03%	1.040%
6	11.569	707	711	721	rBV	32677	82413	1.96%	0.406%
7	11.707	721	726	747	rVV	1186919	2970799	70.78%	14.643%
8	15.315	1113	1119	1137	rBV	1882926	4108048	97.88%	20.249%
9	20.593	1688	1694	1707	rBV	1934152	4197001	100.00%	20.687%
10	25.018	2169	2176	2188	rBV2	1717350	3692150	87.97%	18.199%
11	33.051	3045	3051	3065	rBV2	1109642	2598373	61.91%	12.808%
12	37.155	3490	3498	3514	rBV2	741878	2054311	48.95%	10.126%

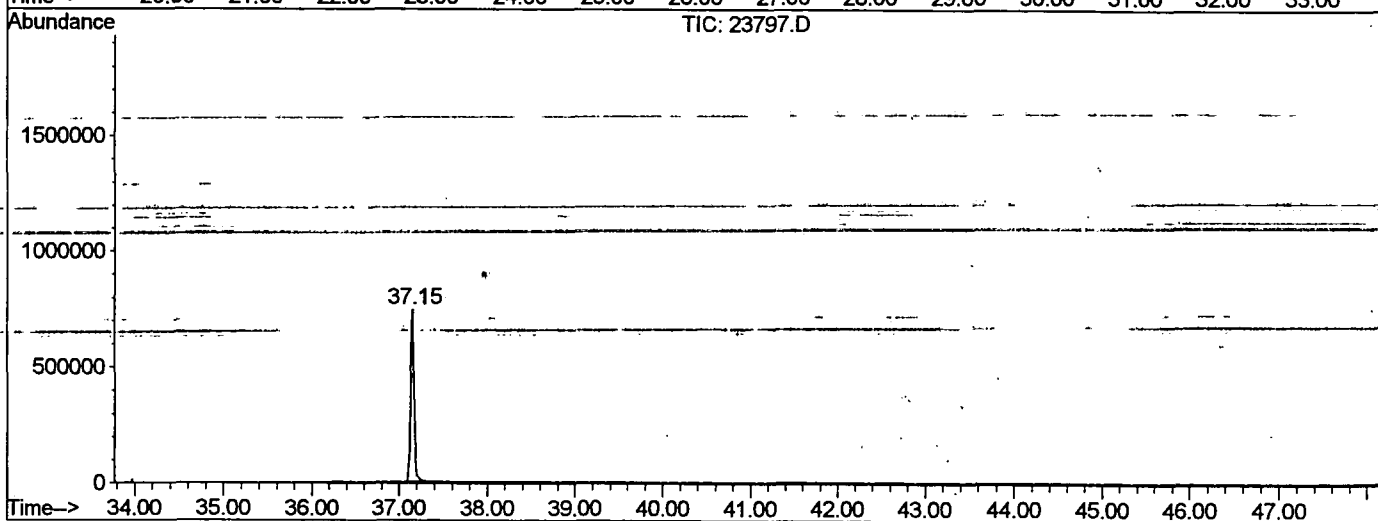
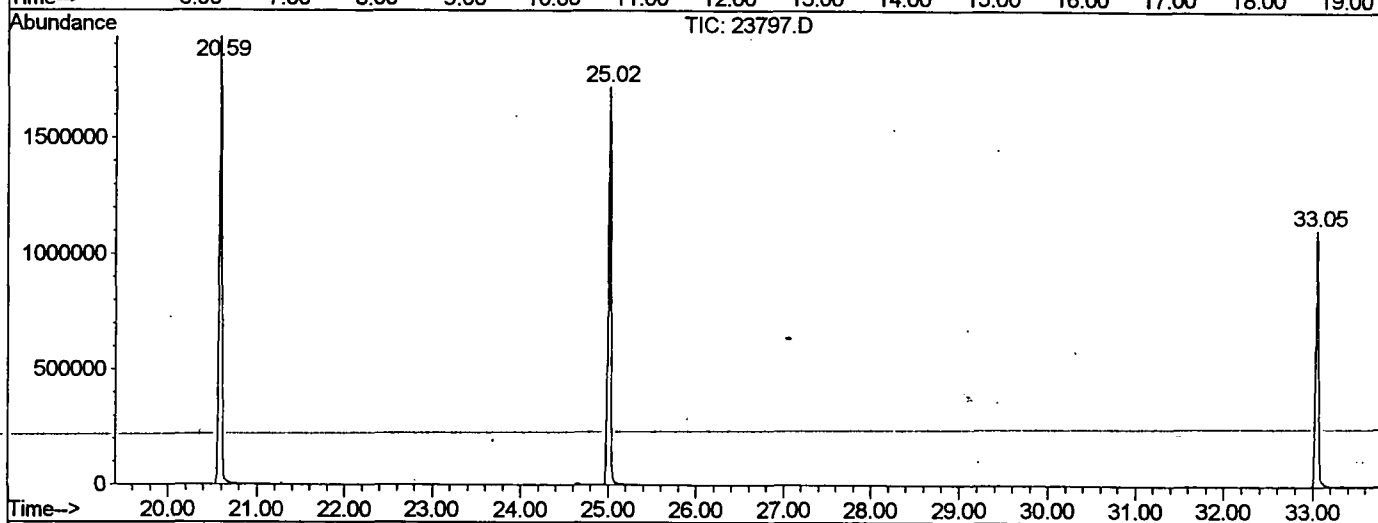
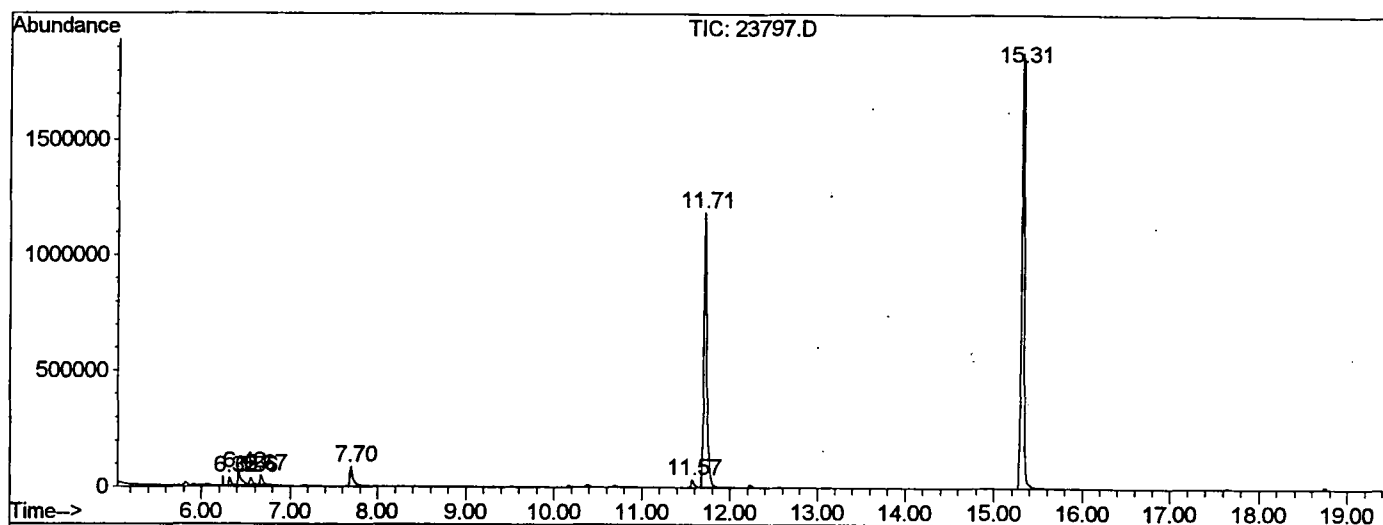
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23797.D NP103001.M

Thu Nov 01 12:03:52 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\OCT3001\23797.D
Operator : 209 GALOS
Acquired : 31 Oct 2001 6:07 am using AcqMethod NP101901
Instrument : GC/MS 209
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 17
Quant File :NP101901.RES (RTE Integrator)



23797.D NP103001.M

Thu Nov 01 12:03:54 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23797.D
Acq On : 31 Oct 2001 6:07 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

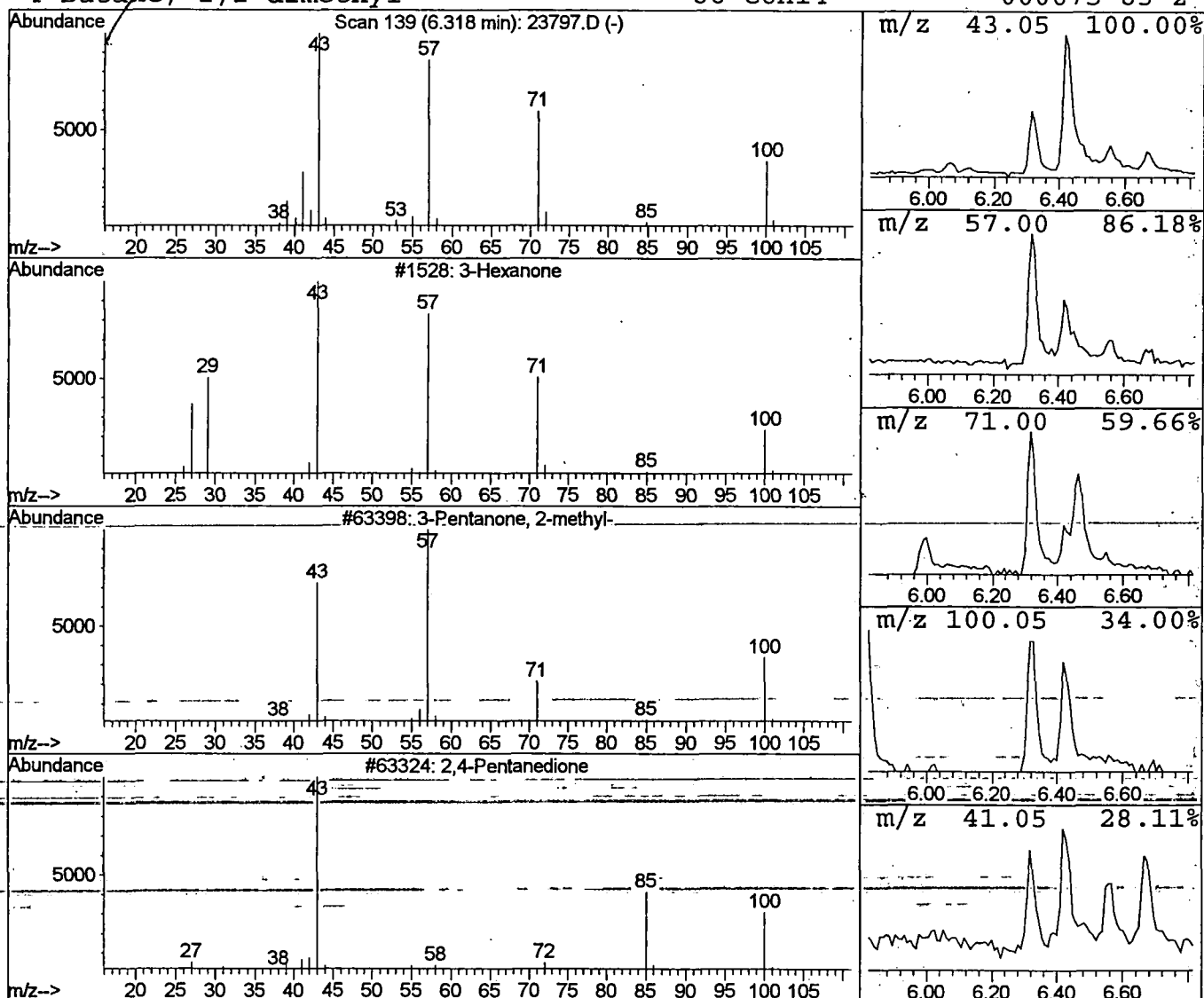
Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 1 3-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.32	0.47 ug/l	69721	1,4-Dichlorobenzene-d4	11.71

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		2,4-Pentanedione	100	C5H8O2	000123-54-6	43
4		Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23797.D
Acq On : 31 Oct 2001 6:07 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

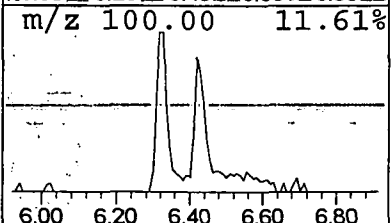
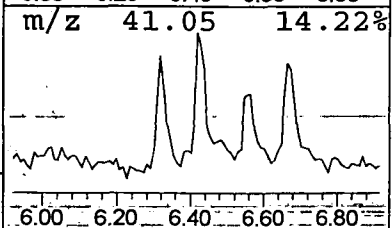
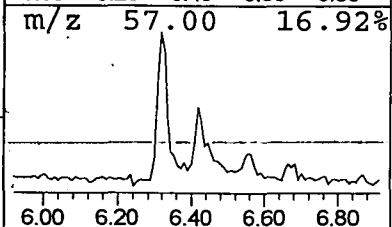
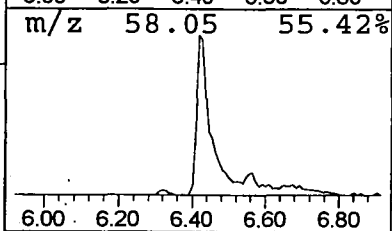
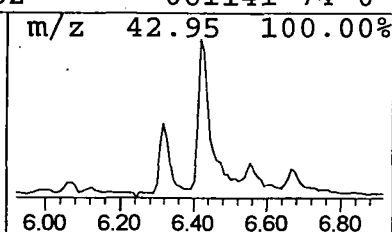
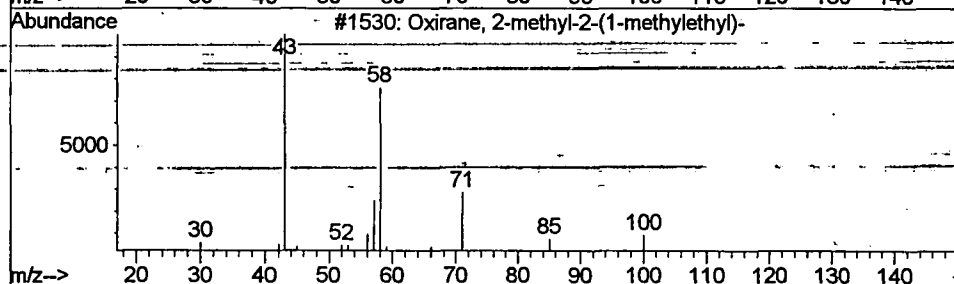
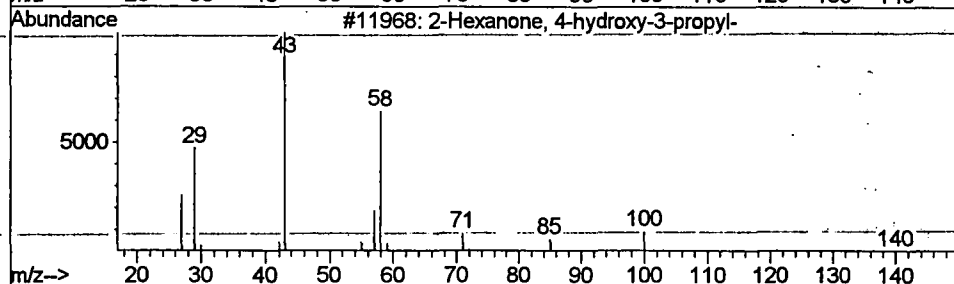
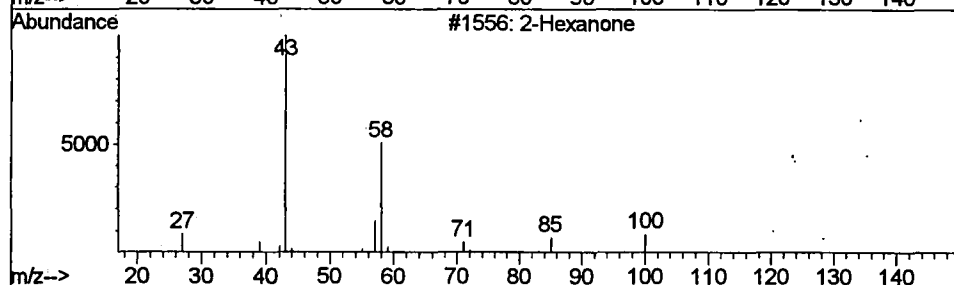
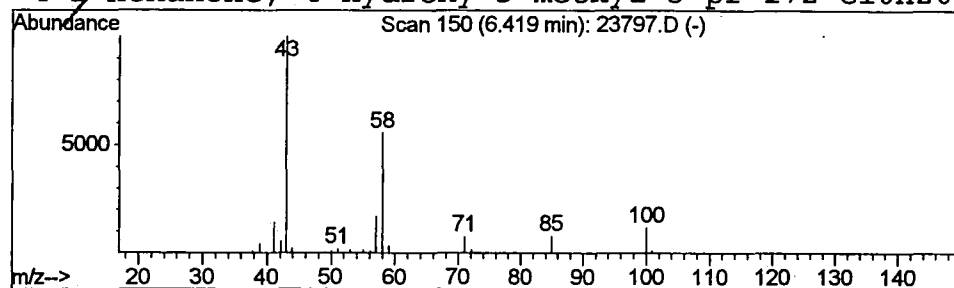
Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 2, 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.98 ug/l	145149	1,4-Dichlorobenzene-d4	11.71

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	2-Hexanone	100	C6H12O	000591-78-6	91
2		2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	83
3		Oxirane, 2-methyl-2-(1-methylethyl)-	100	C6H12O	072221-03-5	72
4		2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	64



Library Search Compound Report

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Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

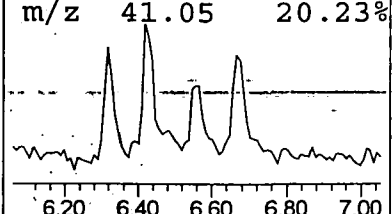
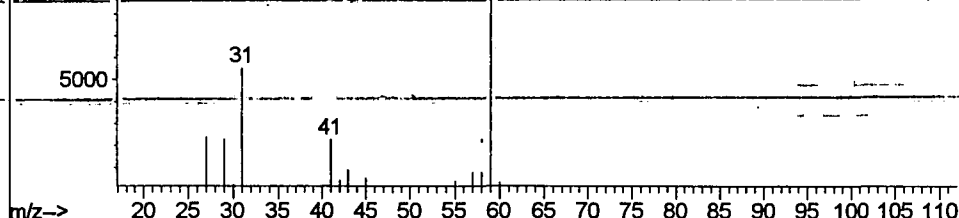
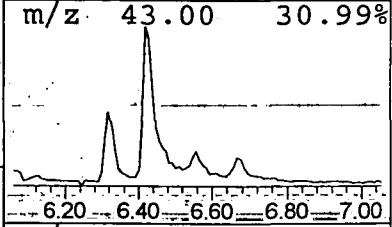
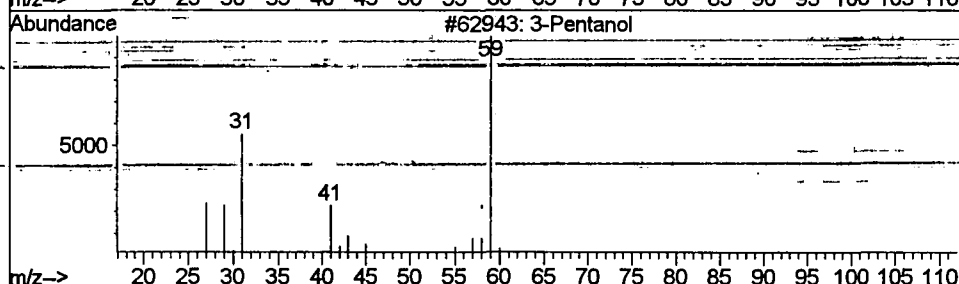
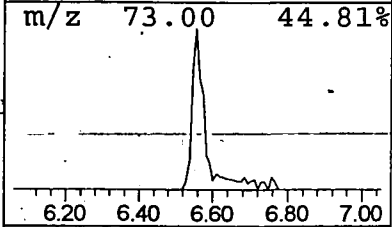
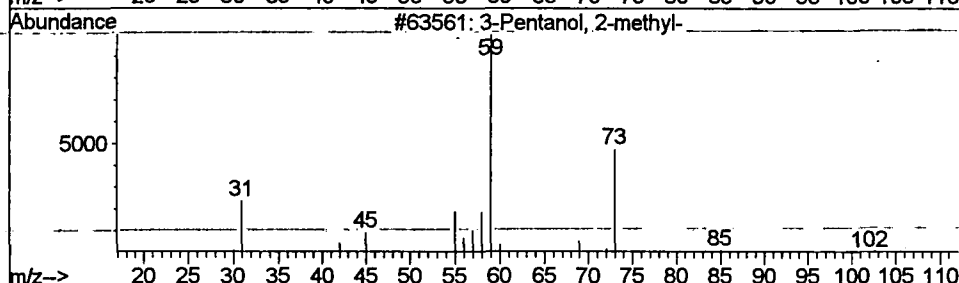
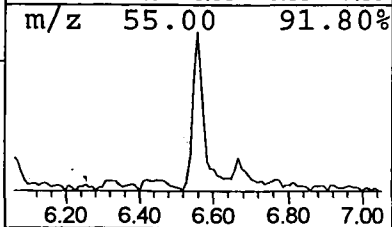
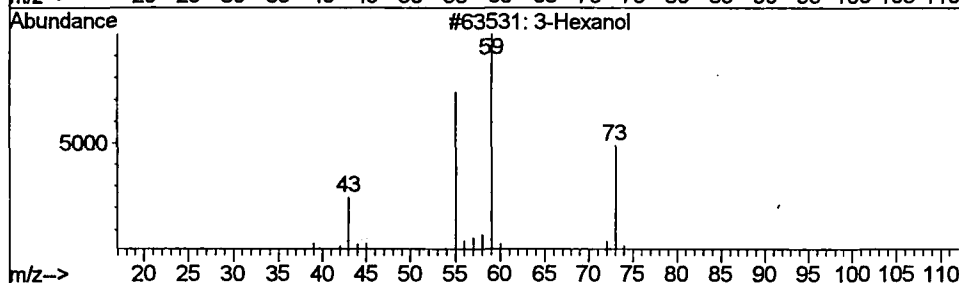
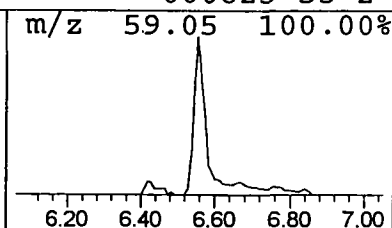
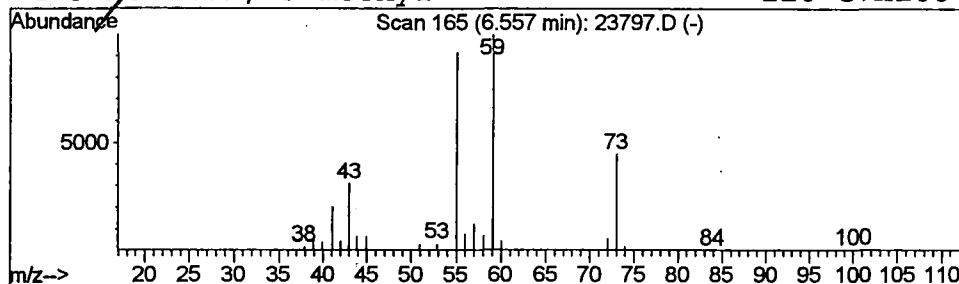
Vial: 17
Operator: 209 GALOS
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Multiplr: 1.00

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

Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	0.48 ug/l	71452	1,4-Dichlorobenzene-d4	11.71

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	3-Hexanol, 5-methyl-	116	C7H16O	000623-55-2	38



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Misc :
MS Integration Params: LSCINT.P

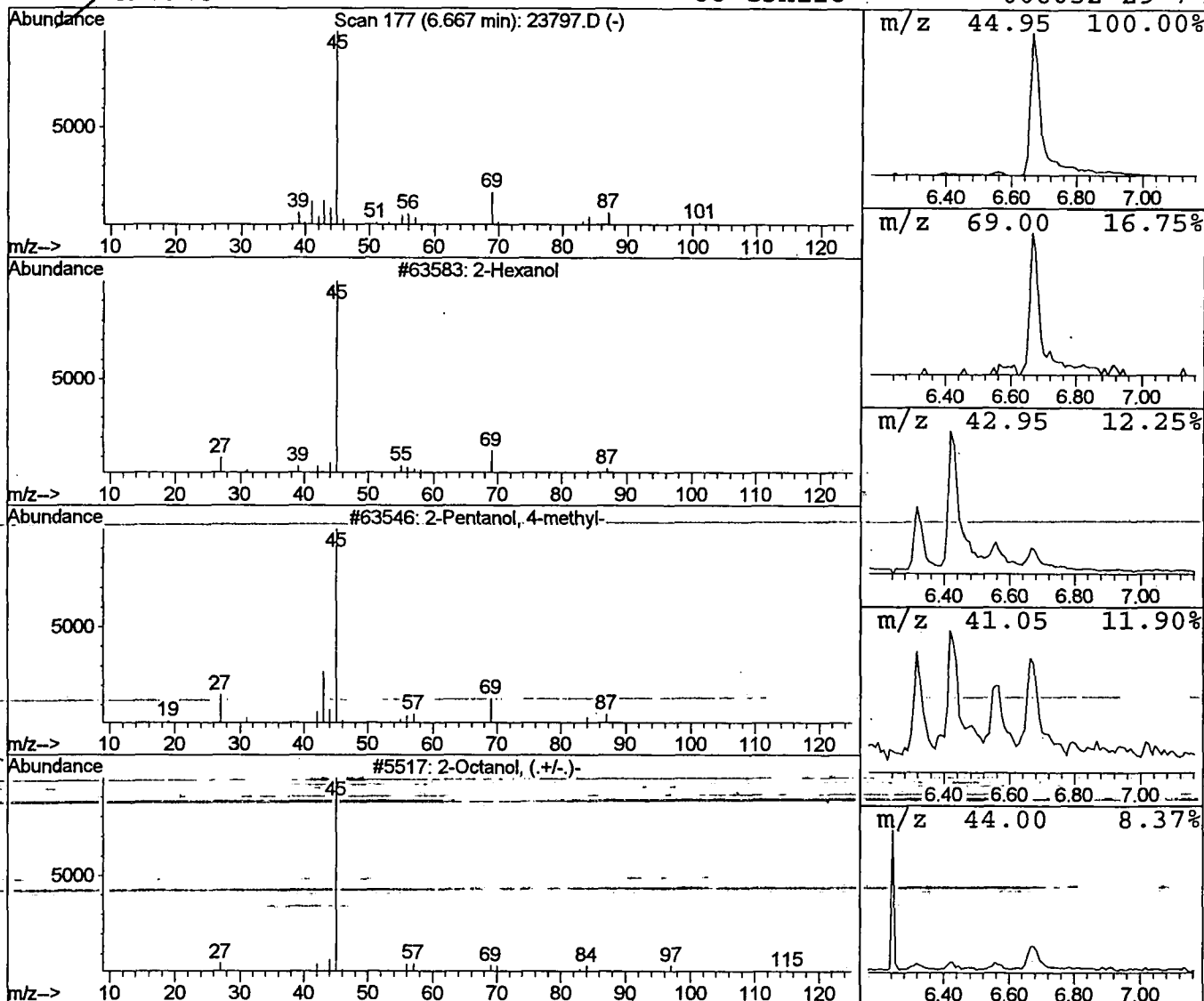
Vial: 17
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	0.59 ug/l	87410	1,4-Dichlorobenzene-d4	11.71

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	78
3			2-Octanol, (.+/-.)-	130	C8H18O	004128-31-8	72
4			2-Pentanol	88	C5H12O	006032-29-7	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23797.D
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 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

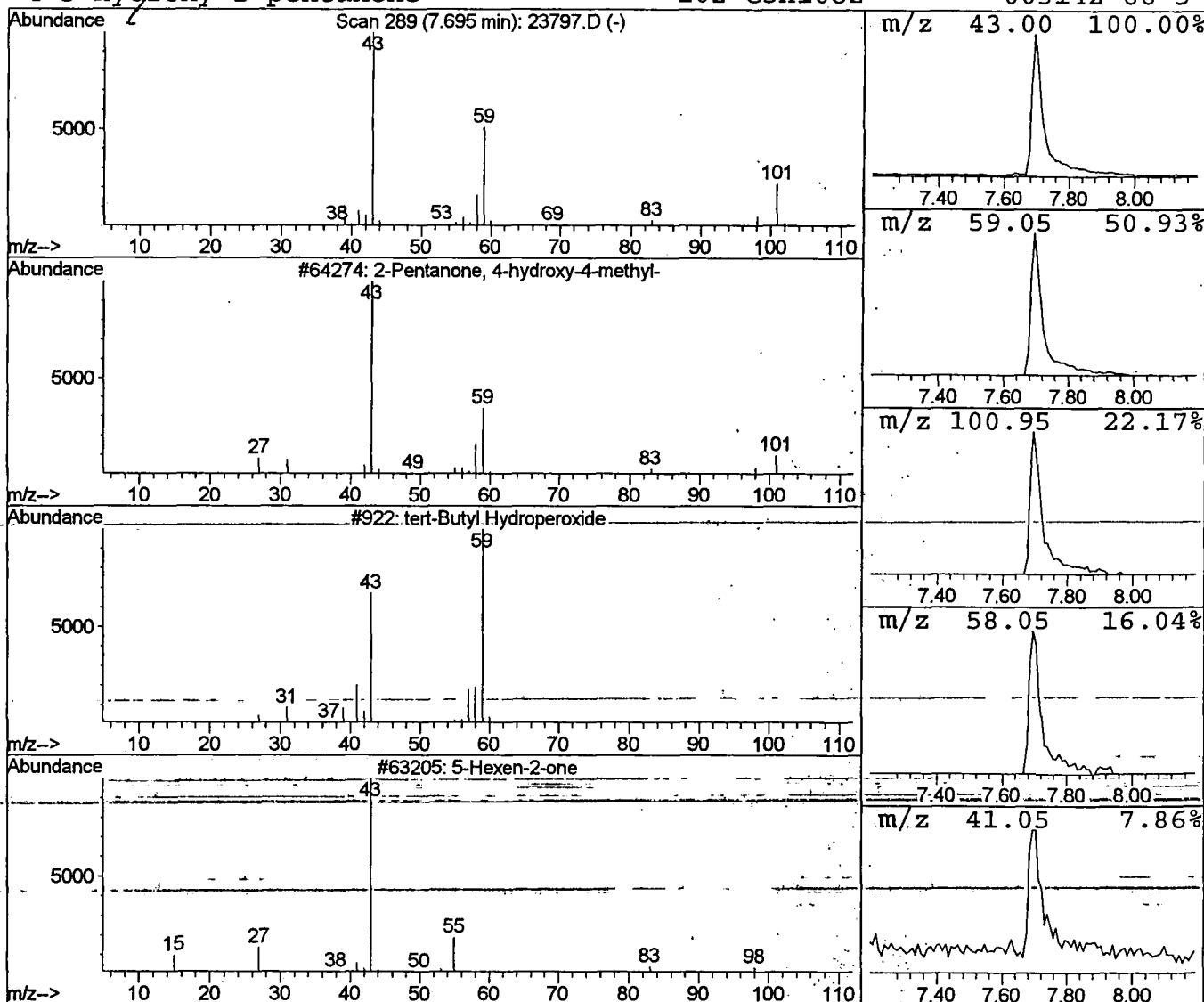
Vial: 17
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 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.
7.70	1.42 ug/l	211073	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	25
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\OCT3001\23797.D
 Acq On : 31 Oct 2001 6:07 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

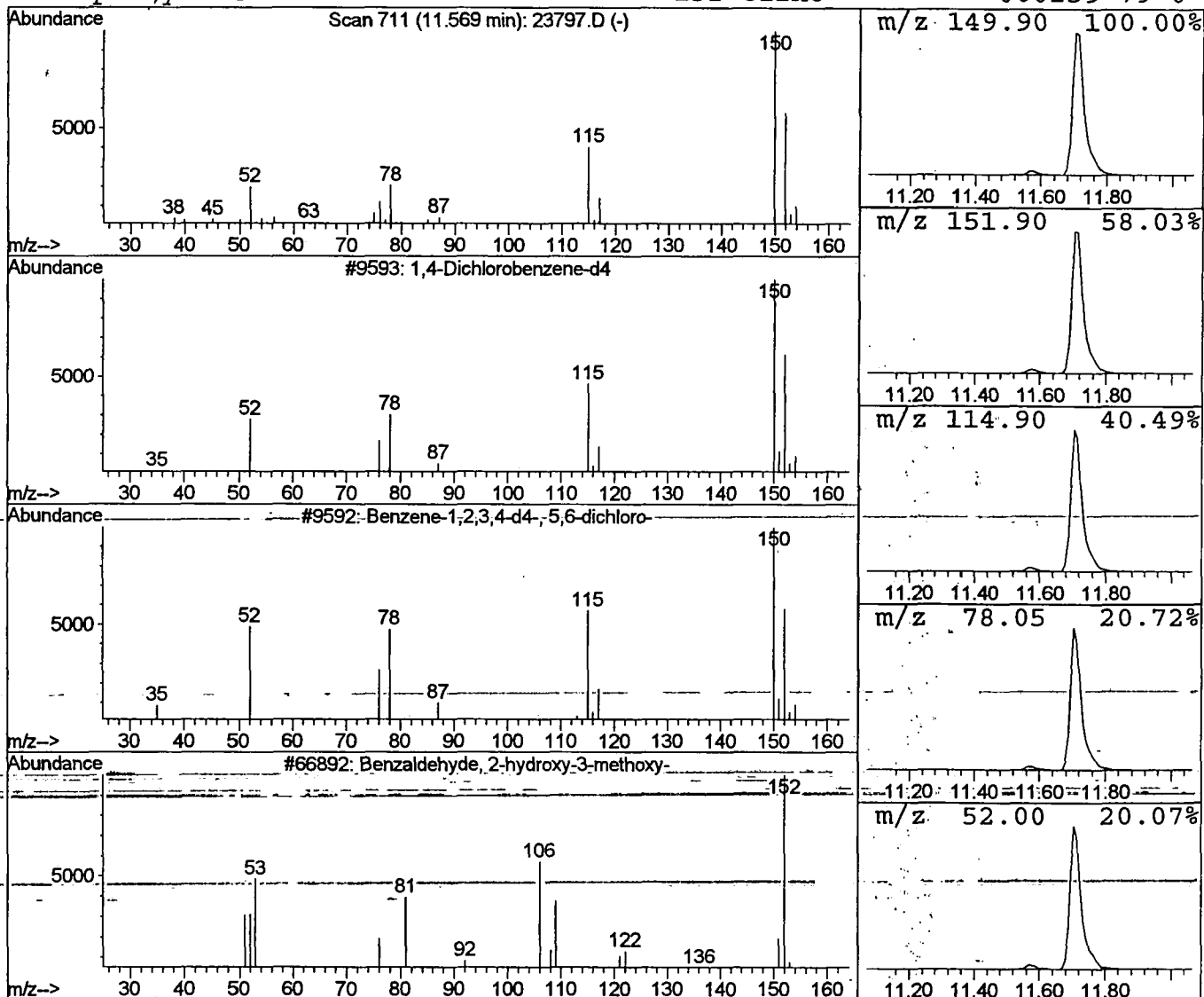
Vial: 17
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.55 ug/l	82413	1,4-Dichlorobenzene-d4	11.71

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	95
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	53
3		Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	35
4		Biphenylene	152	C12H8	000259-79-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 31 Oct 2001 6:07 am
Data File: C:\HPCHEM\1\DATA\OCT3001\23797.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	6.32	0.5	ug/l	69721	ISTD01	11.71	2970800	20.0
2-Hexanone	6.42	1.0	ug/l	145149	ISTD01	11.71	2970800	20.0
3-Hexanol	6.56	0.5	ug/l	71452	ISTD01	11.71	2970800	20.0
2-Hexanol	6.67	0.6	ug/l	87410	ISTD01	11.71	2970800	20.0
2-Pentanone, 4-hydro	7.70	1.4	ug/l	211073	ISTD01	11.71	2970800	20.0
1,4-Dichlorobenzene-	11.57	0.6	ug/l	82413	ISTD01	11.71	2970800	20.0

23797.D NP103001.M Thu Nov 01 12:04:09 2001