

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/05/2001 Time: 07:25:43

Sample: AD24236
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/5/01 07:22 Ended: 11/5/01 07:22 Analyst: MG
Page: 1

	Component Name	Vol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24236 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-05-2001 Time: 07:27:03

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\NOV0101\24236.D
 Acq On : 1 Nov 2001 2:01 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 2 11:42 2001

Vial: 3
 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	627426	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2518756	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1223874	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.02	188	1807677	20.00	ug/l	-0.01
59) Chrysene-d12	33.06	240	1186585	20.00	ug/l	-0.01
68) Perylene-d12	37.16	264	843106	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	11.70	132	516	0.01	ug/l	0.47
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	7066	0.30	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	0.60%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	2764	0.04	ug/l	0.13
Spiked Amount	50.000		Recovery	=	0.08%	
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

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 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	15.37	128	239	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	20.69	65	148	N.D.		
44) 2,4-Dinitrotoluene	20.96	165	171	N.D.		
45) Diethylphthalate	22.11	149	212	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	25.03	178	594	N.D.		
56) Anthracene	25.03	178	594	N.D.		
57) Di-n-butylphthalate	27.03	149	3522	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	33.07	228	3019	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	1263	N.D.		
67) Chrysene	33.07	228	3019	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

24236.D NP103001.M Fri Nov 02 11:43:20 2001

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0101\24236.D
 Acq On : 1 Nov 2001 2:01 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 2 11:42 2001

Vial: 3
 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	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.16	252	3417	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.	

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24236.D

Acq On : 1 Nov 2001 2:01 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 2 11:42 2001

Vial: 3

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

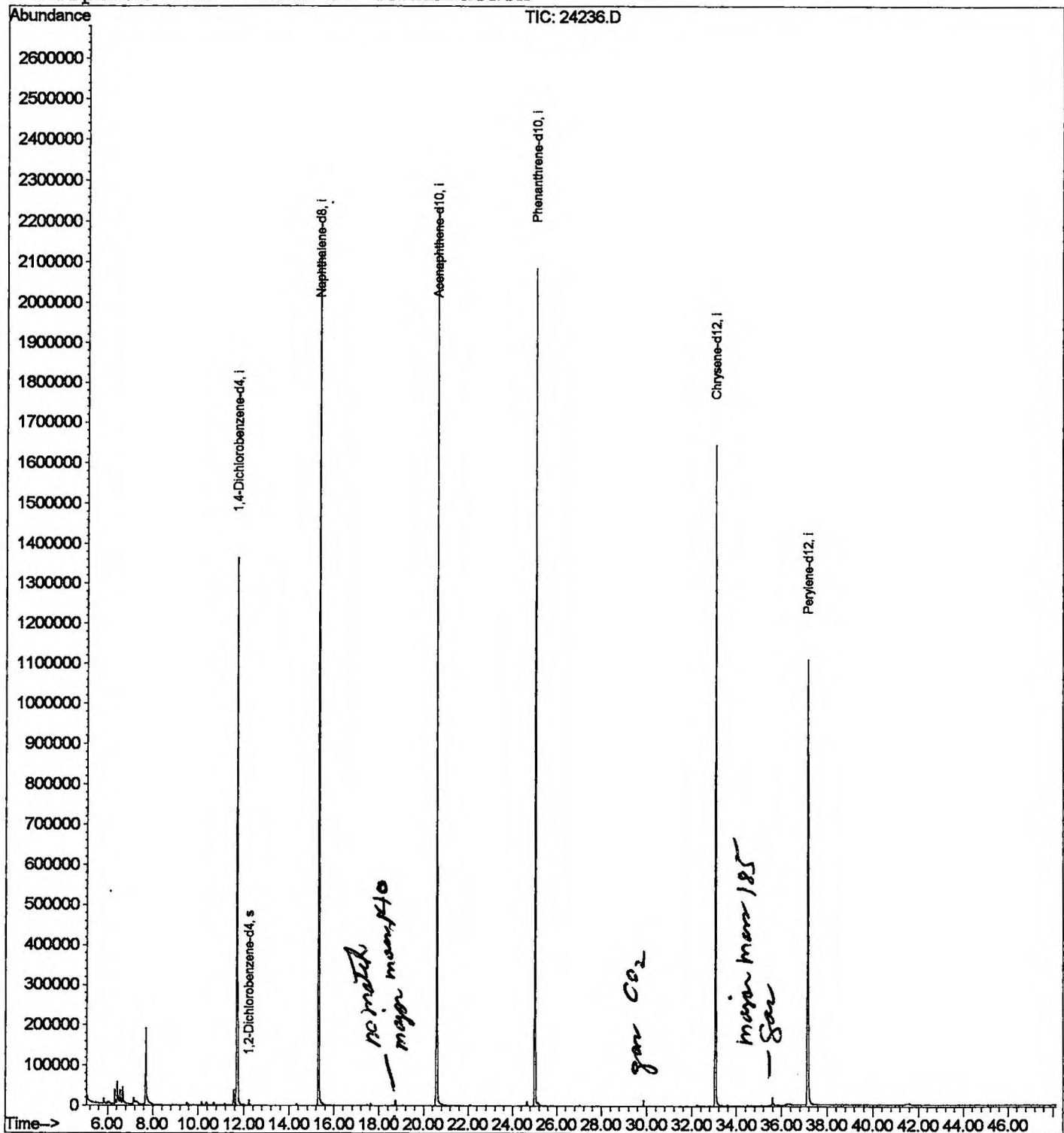
Quant Results File: NP101901.RES

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

Title : 209 625/TCLP calibration table

Last Update : Thu Nov 01 10:28:09 2001

Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24236.D
 Acq On : 1 Nov 2001 2:01 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 3
 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

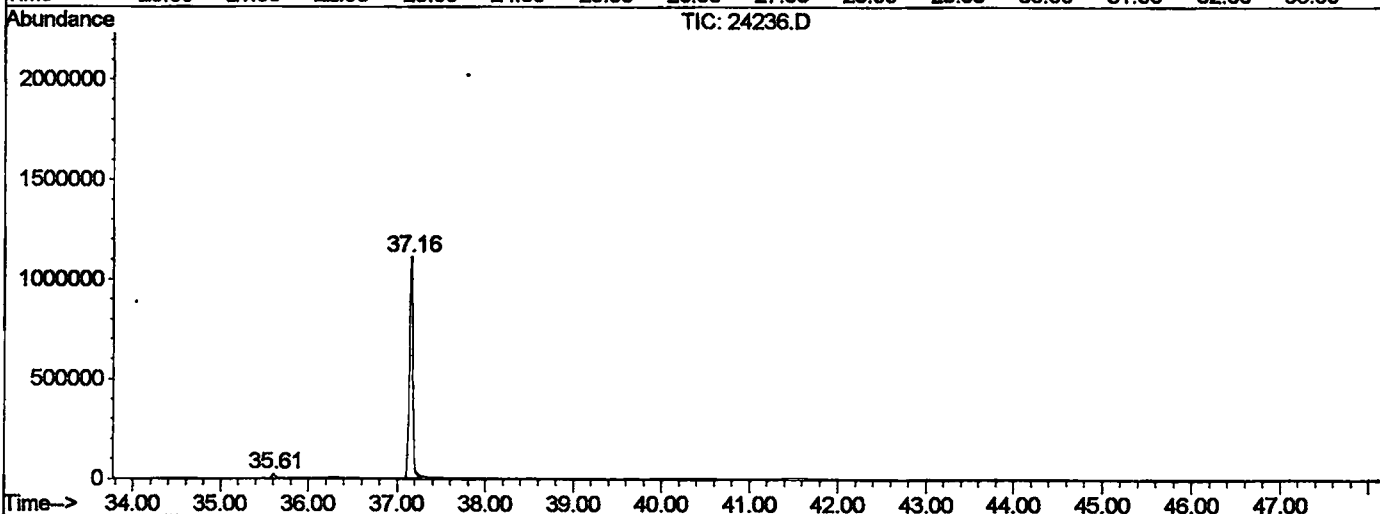
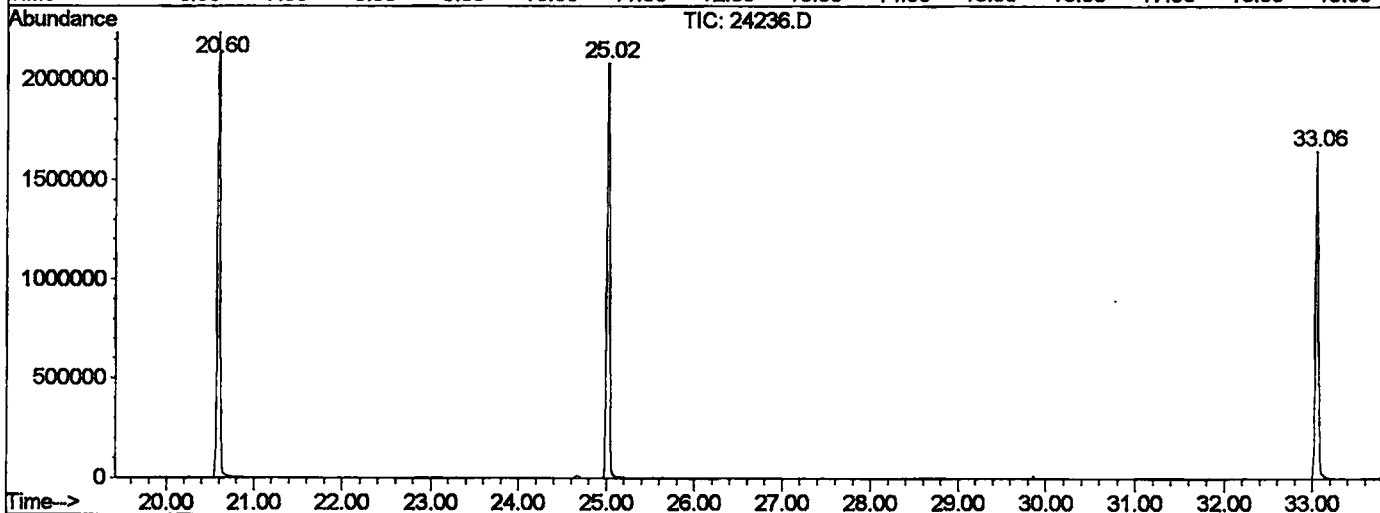
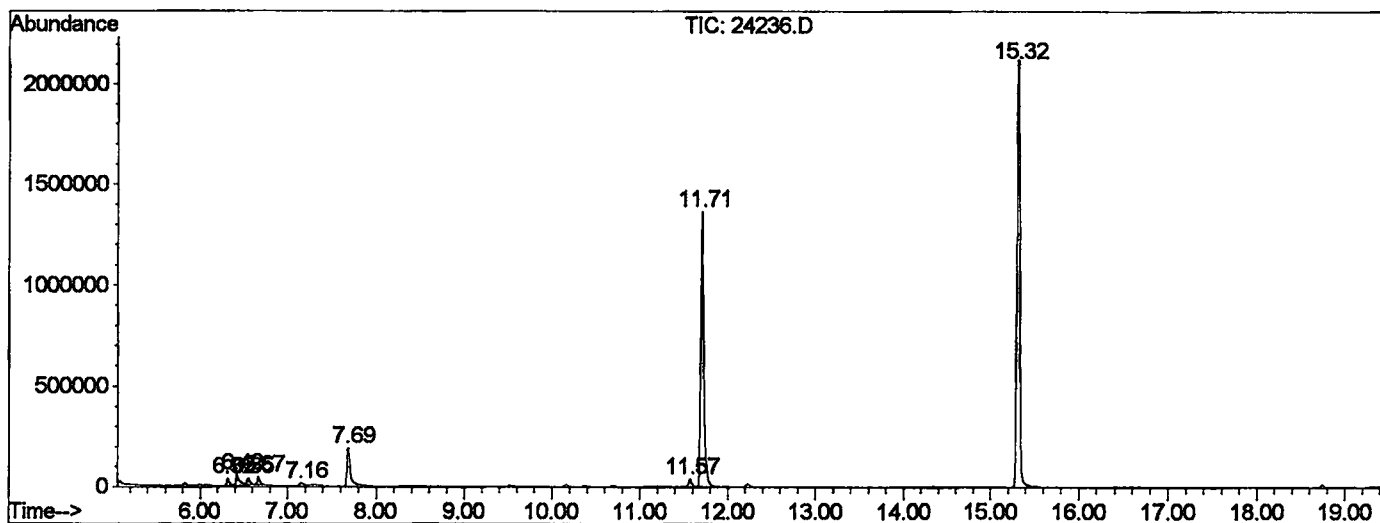
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.324	135	139	145	rBV	35073	69432	1.44%	0.274%
2	6.425	147	150	161	rVV2	55136	145728	3.01%	0.575%
3	6.553	161	164	173	rVV2	32434	78037	1.61%	0.308%
4	6.672	173	177	186	rVB	40691	85688	1.77%	0.338%
5	7.159	222	230	237	rBV	15905	54995	1.14%	0.217%
6	7.691	284	288	306	rBV	191594	505505	10.46%	1.994%
7	11.575	705	711	720	rBV	38197	89541	1.85%	0.353%
8	11.712	720	726	746	rBV	1364669	3324022	68.76%	13.114%
9	15.320	1113	1119	1134	rBV	2124091	4605784	95.28%	18.170%
10	20.599	1687	1694	1709	rBV	2233659	4834027	100.00%	19.071%
11	25.024	2169	2176	2188	rBV	2084353	4579962	94.74%	18.068%
12	33.057	3044	3051	3066	rBV2	1646718	3799977	78.61%	14.991%
13	35.609	3323	3329	3337	rBV	20670	53969	1.12%	0.213%
14	37.160	3489	3498	3510	rBV2	1108951	3121406	64.57%	12.314%

Sum of corrected areas: 25348073

24236.D NP103001.M Fri Nov 02 11:48:19 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0101\24236.D
 Operator : 209 GALOS
 Acquired : 1 Nov 2001 2:01 pm using AcqMethod NP101901
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 3
 Quant File :NP101901.RES (RTE Integrator)



24236.D NP103001.M Fri Nov 02 11:48:22 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24236.D
 Acq On : 1 Nov 2001 2:01 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

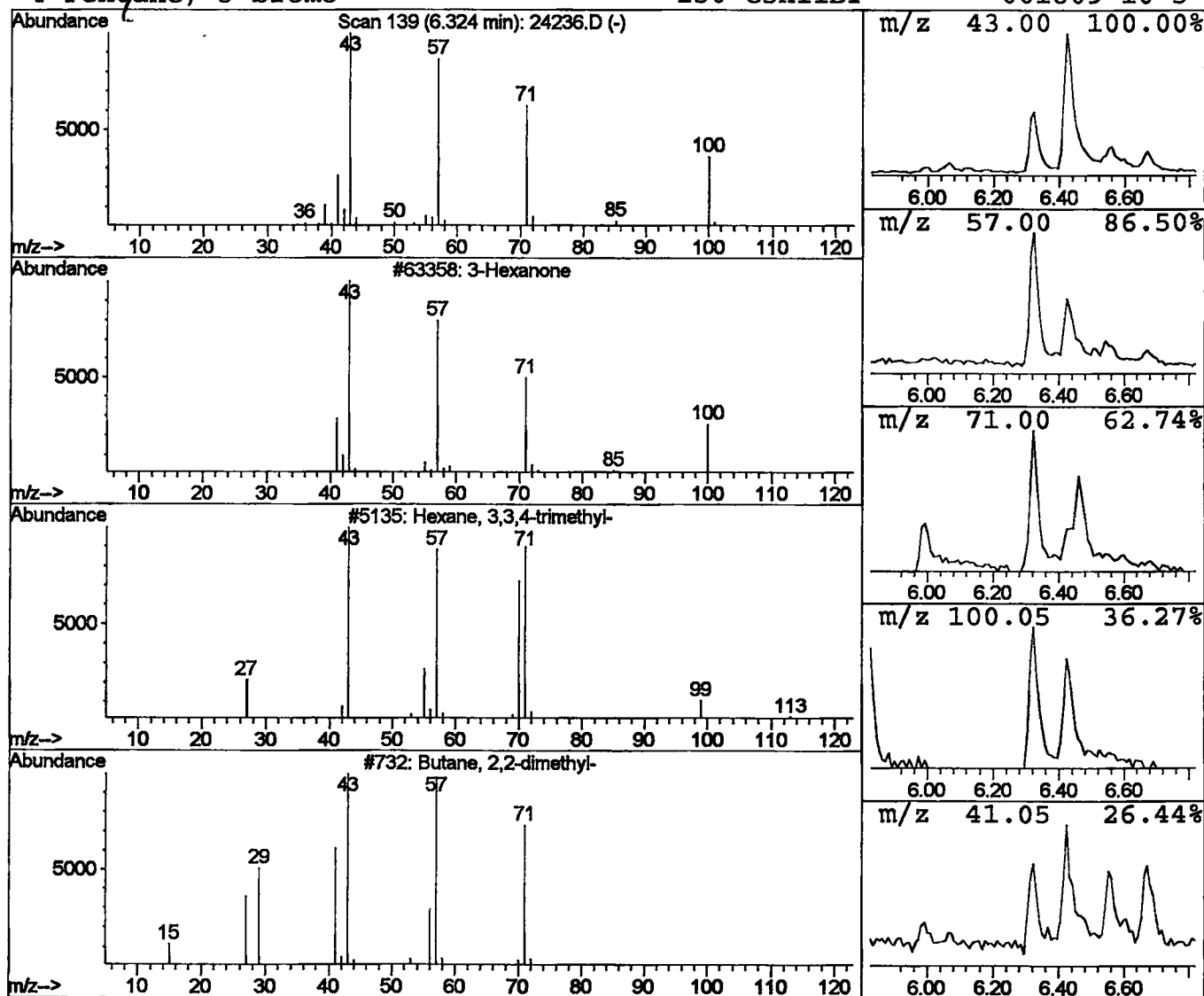
Vial: 3
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.42 ug/l	69432	1,4-Dichlorobenzene-d4	11.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	83
2	Hexane, 3,3,4-trimethyl-	128	C9H20	016747-31-2	53
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
4	Pentane, 3-bromo-	150	C5H11Br	001809-10-5	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0101\24236.D
 Acq On : 1 Nov 2001 2:01 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

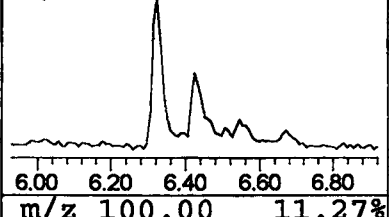
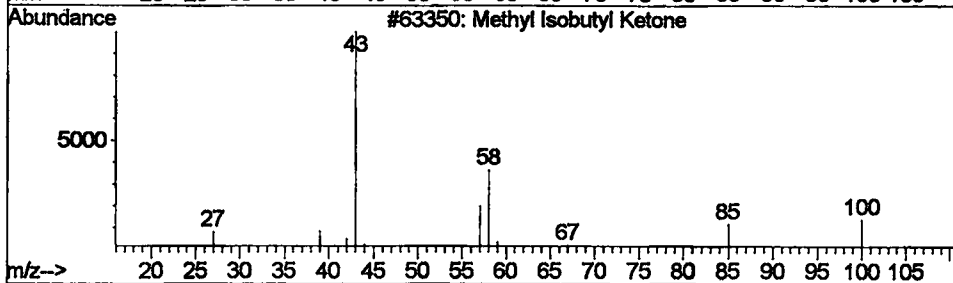
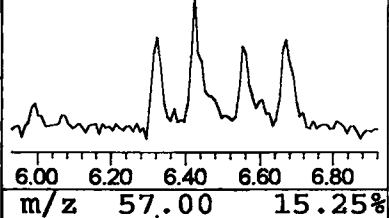
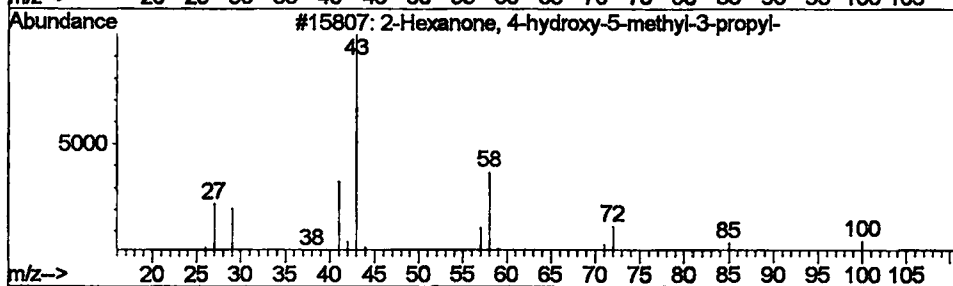
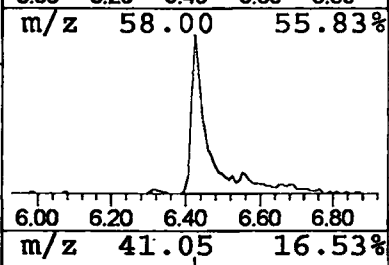
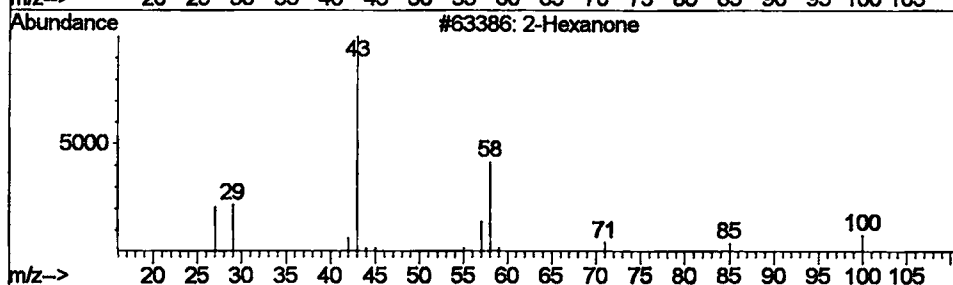
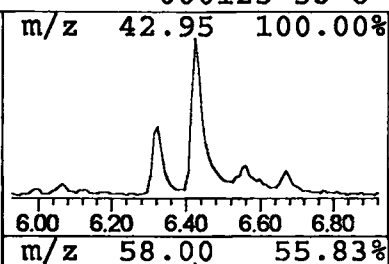
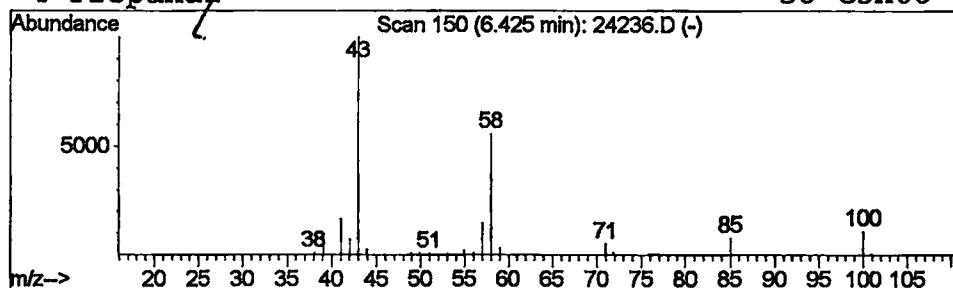
Vial: 3
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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	0.88 ug/l	145728	1,4-Dichlorobenzene-d4	11.71

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	59
3	Methyl Isobutyl Ketone		100	C6H12O	000108-10-1	58
4	Propanal		58	C3H6O	000123-38-6	47



Library Search Compound Report

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

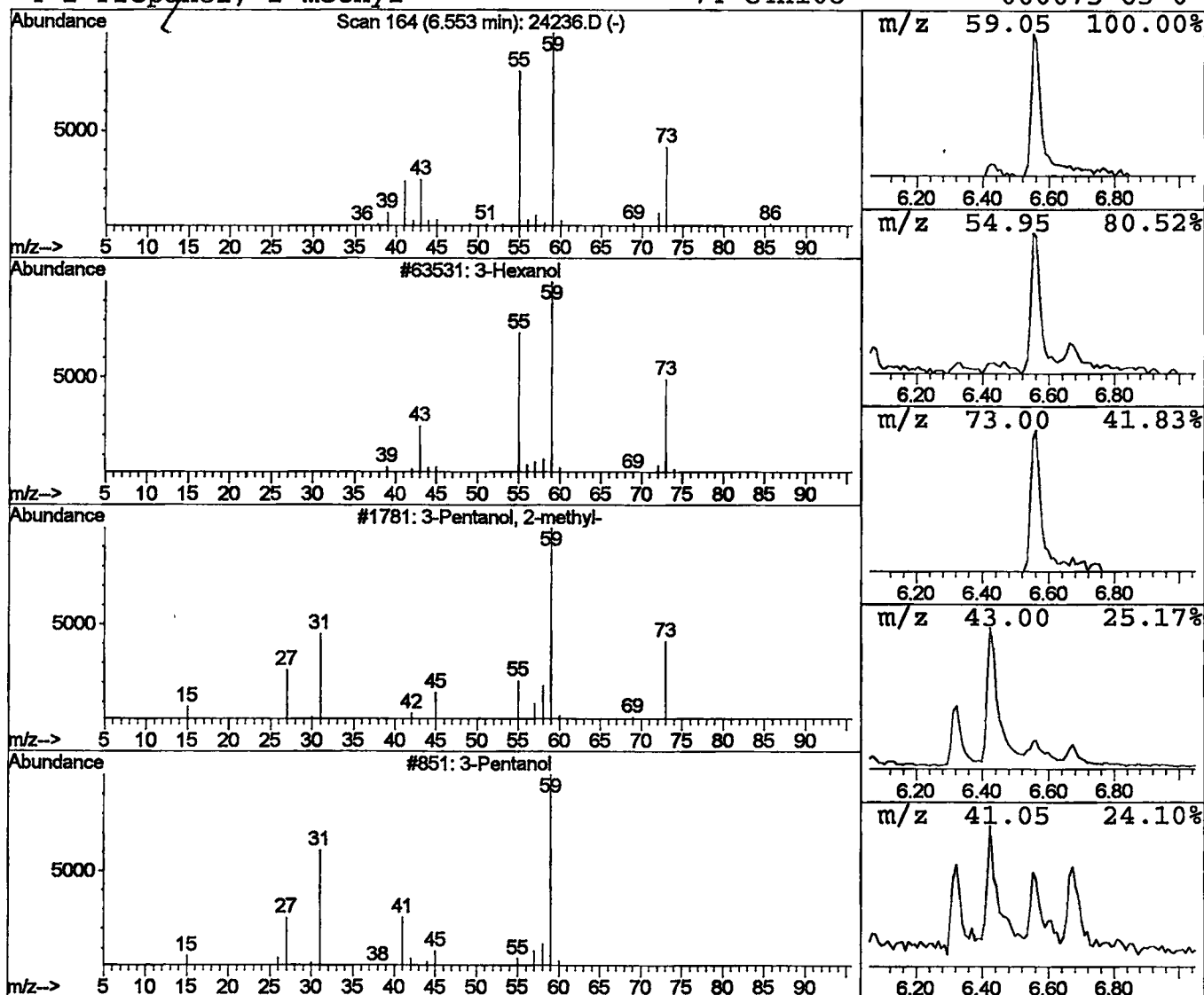
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Quant Method : C:\HPCHEM\1\METHODS\NP101901.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	0.47 ug/l	78037	1,4-Dichlorobenzene-d4	11.71

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	38
3	3-Pentanol	88	C5H12O	000584-02-1	36
4	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	36



Library Search Compound Report

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Misc :
MS Integration Params: LSCINT.P

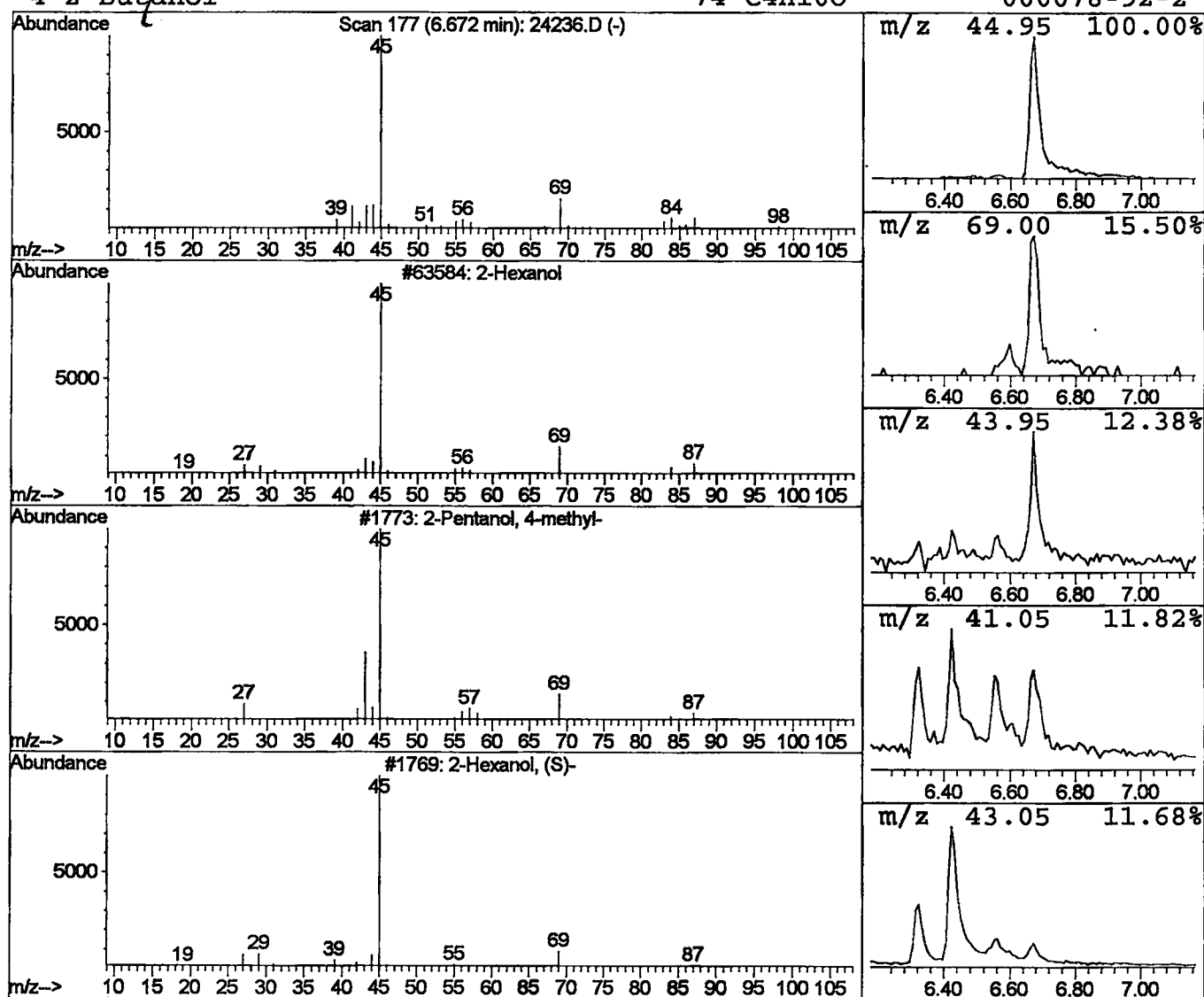
Vial: 3
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

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 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	0.52 ug/l	85688	1,4-Dichlorobenzene-d4	11.71

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hexanol	102	C6H14O	000626-93-7	78
2		2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
3		2-Hexanol, (S)-	102	C6H14O	052019-78-0	56
4		2-Butanol	74	C4H10O	000078-92-2	42



Library Search Compound Report

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 Misc :
 MS Integration Params: LSCINT.P

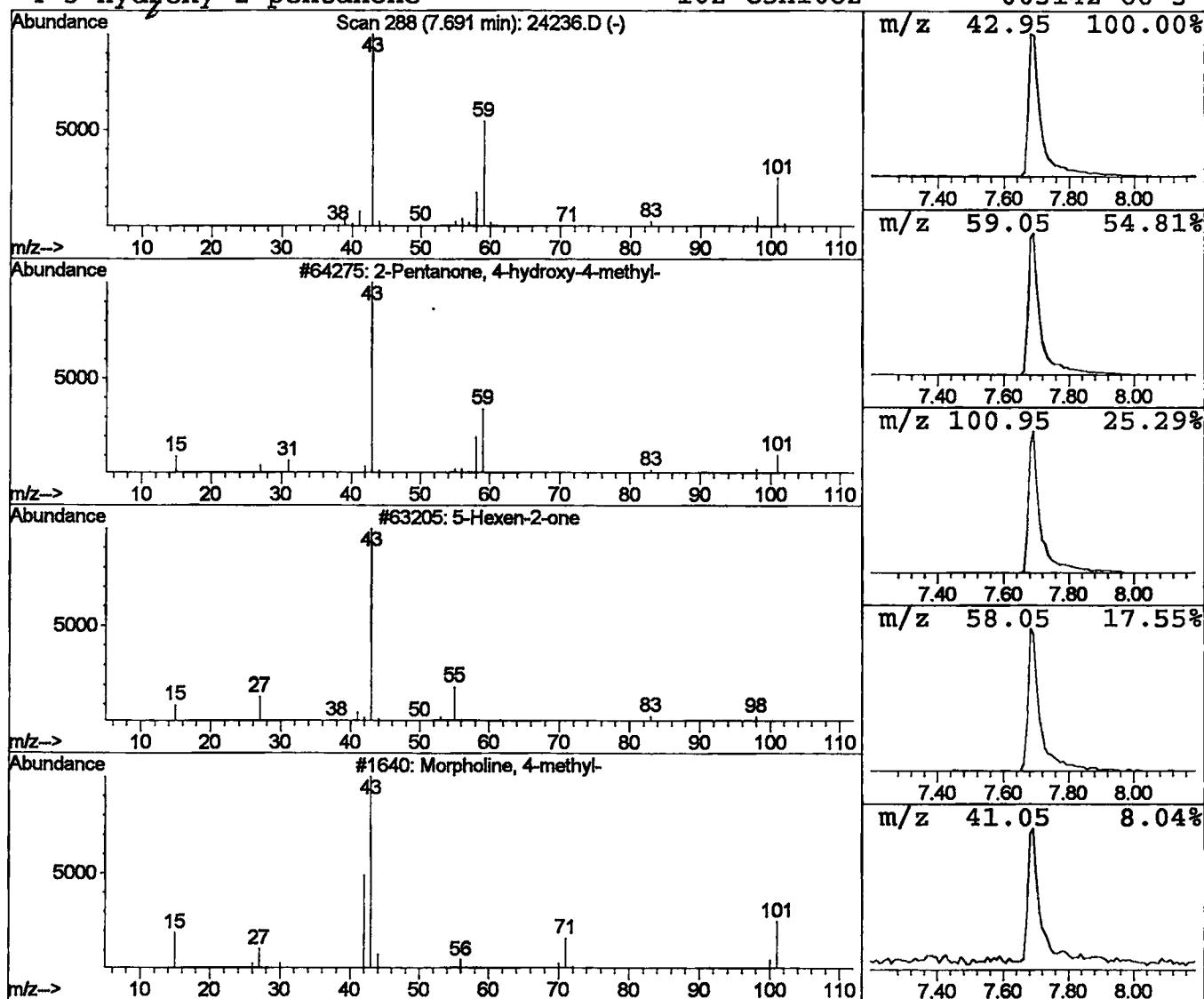
Vial: 3
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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.
7.69	3.04 ug/l	505505	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	38
2		5-Hexen-2-one	98	C6H10O	000109-49-9	9
3		Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4		3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

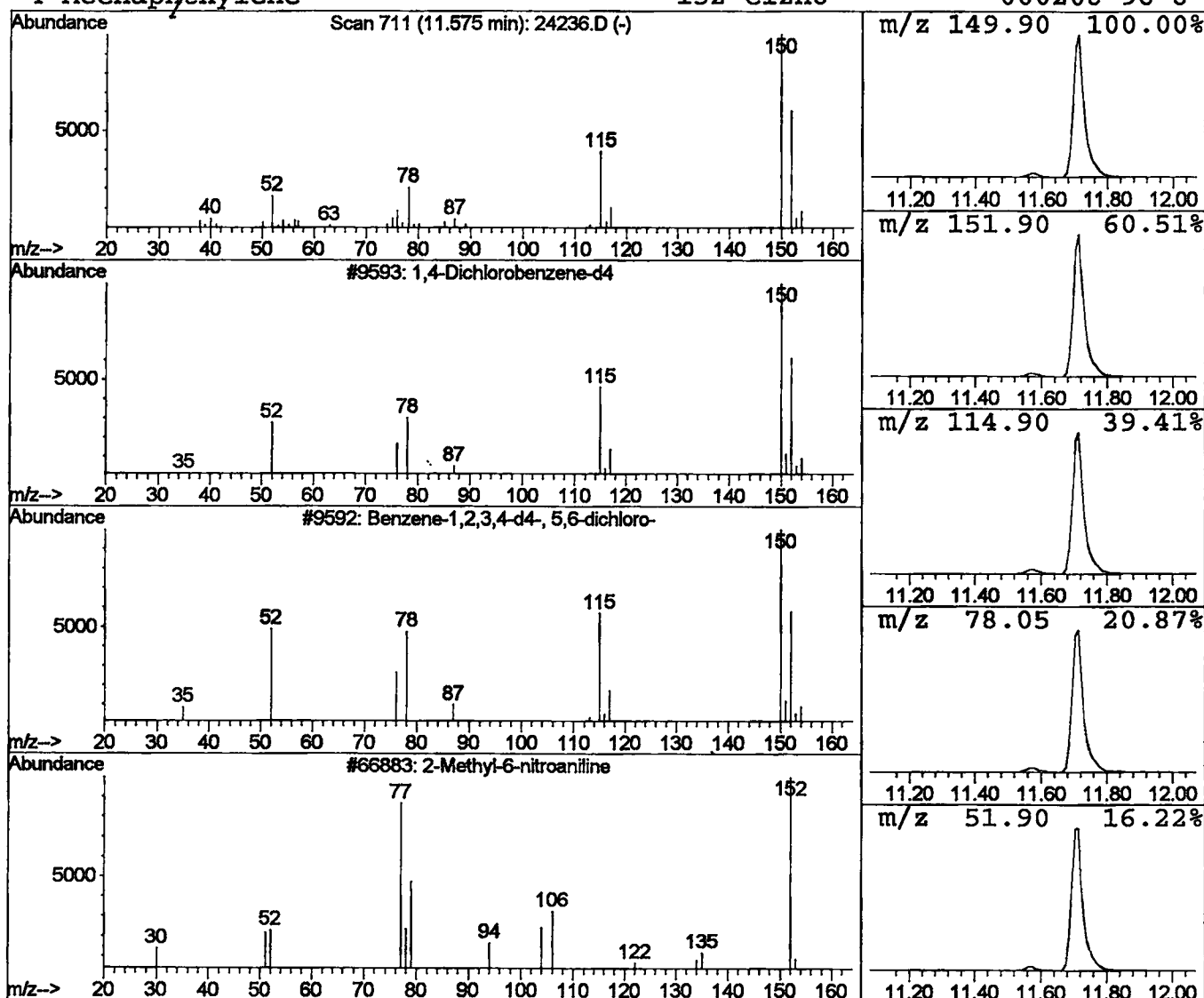
Data File : C:\HPCHEM\1\DATA\NOV0101\24236.D
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 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 3
 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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.57	0.54 ug/l	89541	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	50
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	35
3	2-Methyl-6-nitroaniline	152	C7H8N2O2	000570-24-1	10
4	Acenaphthylene	152	C12H8	000208-96-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 1 Nov 2001 2:01 pm
Data File: C:\HPCHEM\1\DATA\NOV0101\24236.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	0.4	ug/l	69432	ISTD01	11.71	3324020	20.0
2-Hexanone	6.42	0.9	ug/l	145728	ISTD01	11.71	3324020	20.0
3-Hexanol	6.55	0.5	ug/l	78037	ISTD01	11.71	3324020	20.0
2-Hexanol	6.67	0.5	ug/l	85688	ISTD01	11.71	3324020	20.0
2-Pentanone, 4-hydro	7.69	3.0	ug/l	505505	ISTD01	11.71	3324020	20.0
1,4-Dichlorobenzene-	11.57	0.5	ug/l	89541	ISTD01	11.71	3324020	20.0

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Comments for Sample AD24236 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 11-07-2001 Time: 15:17:43

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. However, 1,2-Dichlorobenzene-d4 is present at 0.30 ug/L, probably due to laboratory contamination since it is a Surrogate Standard used in GCMS methods.