

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 11:27:34

Sample: AD24486
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/13/01 11:27 Ended: 11/13/01 11:27 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24486 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-13-2001 Time: 11:27:41

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\NOV0201\24486.D

Acq On : 3 Nov 2001 2:20 pm

Sample : gc/ms unknown

Misc :

MS Integration Params: RTEINT.P

Quant Time: Nov 3 15:09 2001

Vial: 25

Operator: 209 GALOS

Inst : GC/MS 209

Multiplr: 1.00

Quant Results File: NP103001.RES

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

Title : 209 625/TCLP calibration table

Last Update : Fri Nov 02 16:41:16 2001

Response via : Initial Calibration

DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	559036	20.00	ug/l	0.00
19) Naphthalene-d8	15.32	136	2188104	20.00	ug/l	0.00
31) Acenaphthene-d10	20.59	164	1063898	20.00	ug/l	-0.02
49) Phenanthrene-d10	25.02	188	1602696	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1125836	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	800508	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	11.71	132	411	0.01	ug/l	0.48
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	6050	0.24	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	0.48%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	2290	0.03	ug/l	0.12
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	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

24486.D NP103001.M Fri Nov 09 12:38:34 2001

Page 1

Quantitation Report

(QT Reviewed)

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MS Integration Params: RTEINT.P

Quant Time: Nov 3 15:09 2001

Vial: 25

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Multiplr: 1.00

Quant Results File: NP103001.RES

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

Title : 209 625/TCLP calibration table

Last Update : Fri Nov 02 16:41:16 2001

Response via : Initial Calibration

DataAcq Meth : NP103001

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.		
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	20.90	165	194	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	610	N.D.		
56) Anthracene	25.02	178	610	N.D.		
57) Di-n-butylphthalate	27.03	149	1416	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	2948	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	511	N.D.		
67) Chrysene	33.06	228	2948	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

24486.D NP103001.M Fri Nov 09 12:38:39 2001

Page 2

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0201\24486.D

Vial: 25

Acq On : 3 Nov 2001 2:20 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 3 15:09 2001

Quant Results File: NP103001.RES

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

Title : 209 625/TCLP calibration table

Last Update : Fri Nov 02 16:41:16 2001

Response via : Initial Calibration

DataAcq Meth : NP103001

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	2965	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
24486.D NP103001.M Fri Nov 09 12:38:40 2001

Page 3

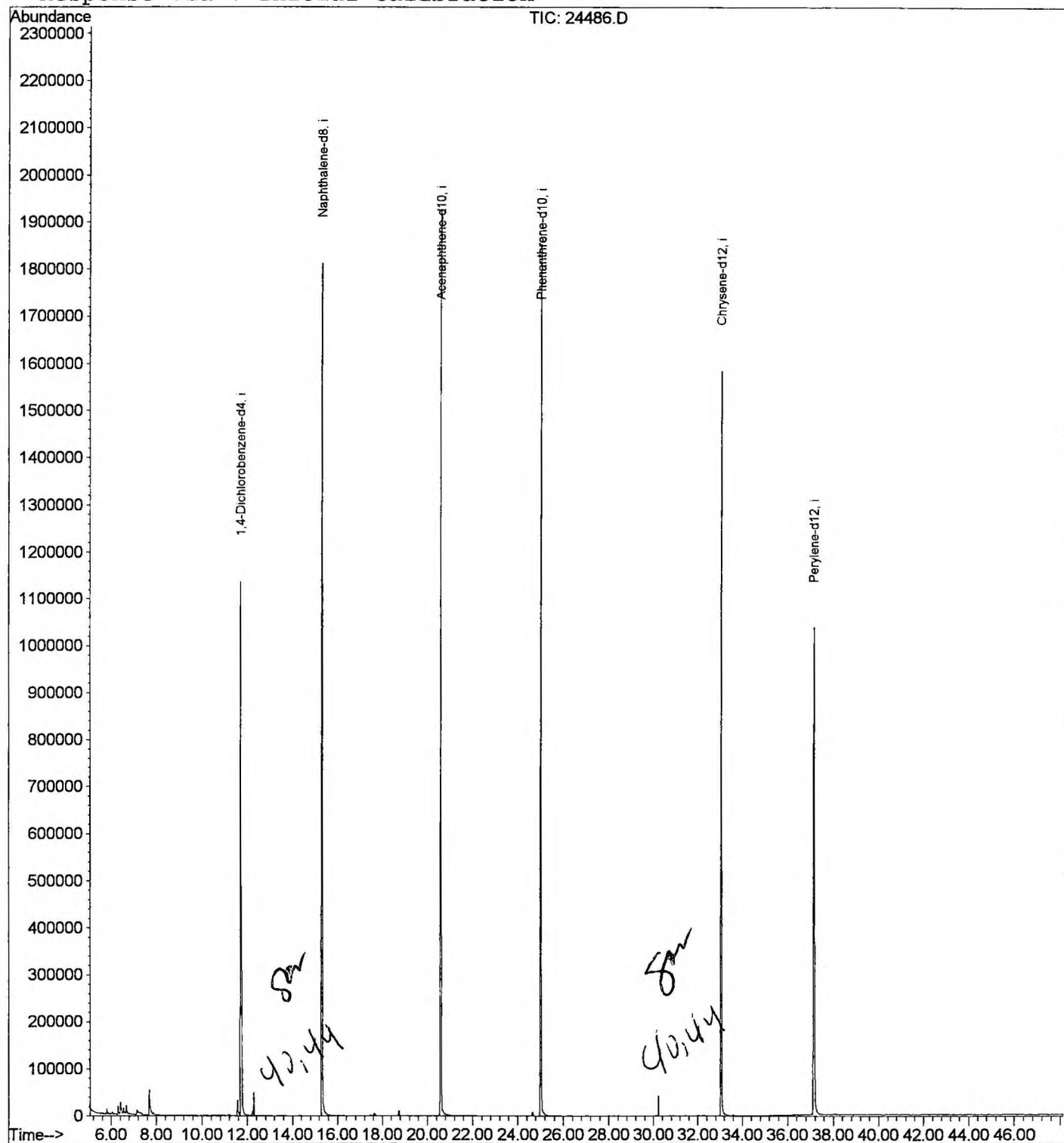
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24486.D
Acq On : 3 Nov 2001 2:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 3 15:09 2001

Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24486.D
 Acq On : 3 Nov 2001 2:20 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 25
 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 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

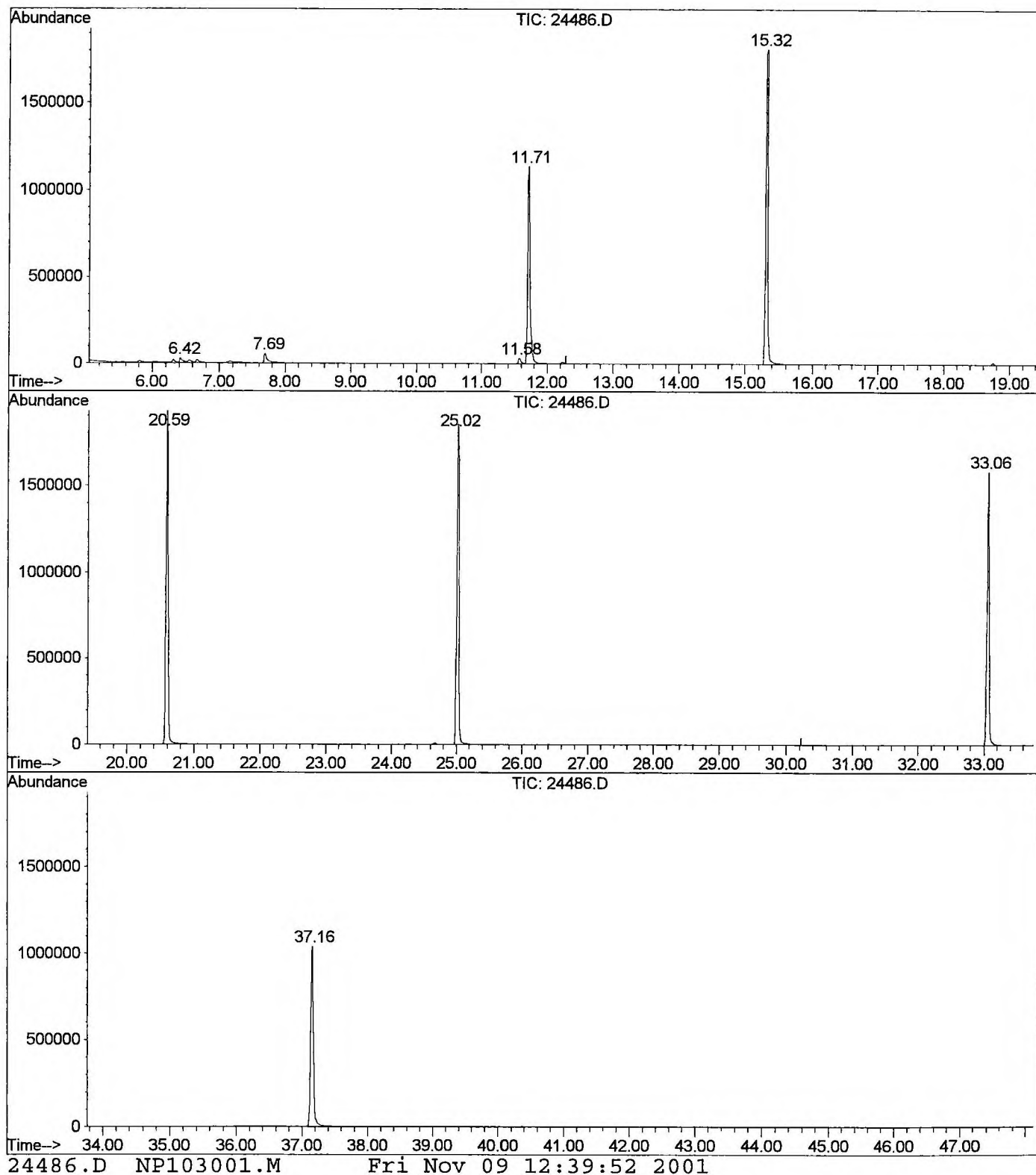
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.418	147	150	159	rVV	24279	66872	1.58%	0.302%
2	7.694	285	289	302	rBV	54741	159897	3.78%	0.723%
3	11.577	707	712	721	rBV	32300	78364	1.85%	0.354%
4	11.715	721	727	747	rBV	1135683	2948464	69.69%	13.323%
5	15.323	1114	1120	1137	rBV	1811408	4019476	95.00%	18.163%
6	20.592	1688	1694	1714	rBV	1927406	4231105	100.00%	19.119%
7	25.017	2170	2176	2189	rBV2	1852940	4056328	95.87%	18.329%
8	33.059	3045	3052	3069	rBV	1583579	3592010	84.90%	16.231%
9	37.163	3490	3499	3520	rBV	1036223	2977713	70.38%	13.455%

Sum of corrected areas: 22130229

24486.D NP103001.M Fri Nov 09 12:39:49 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0201\24486.D
 Operator : 209 GALOS
 Acquired : 3 Nov 2001 2:20 pm using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 25
 Quant File :NP103001.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24486.D
Acq On : 3 Nov 2001 2:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

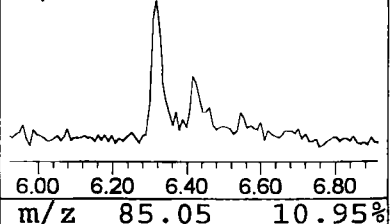
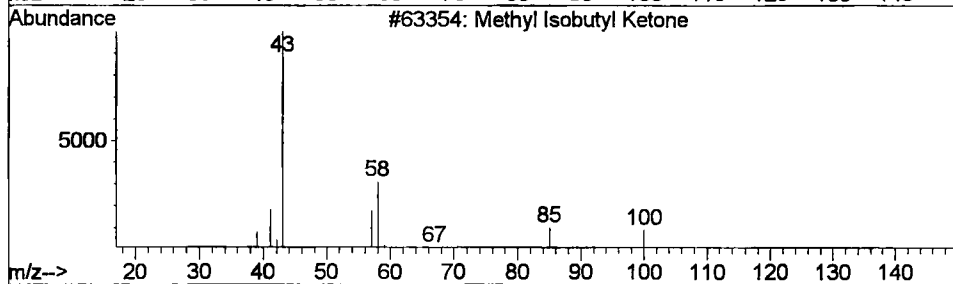
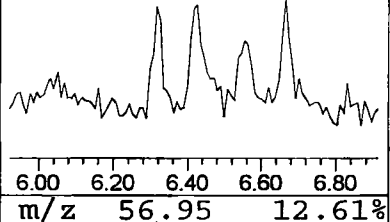
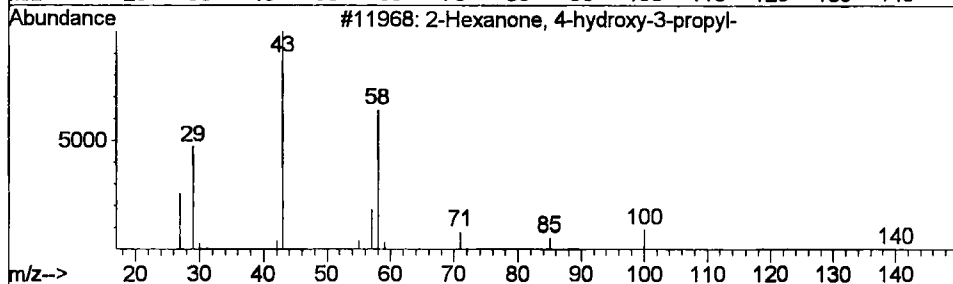
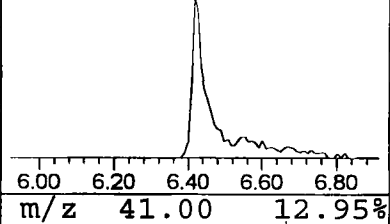
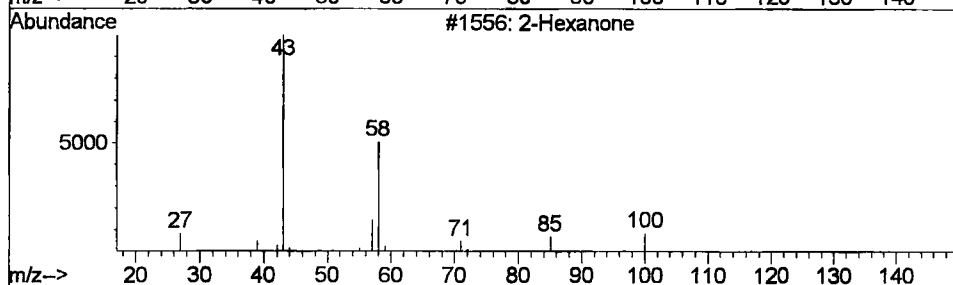
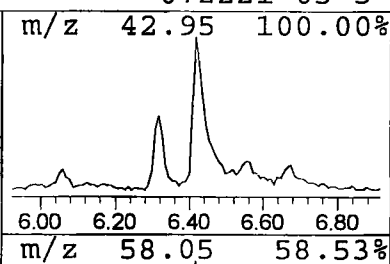
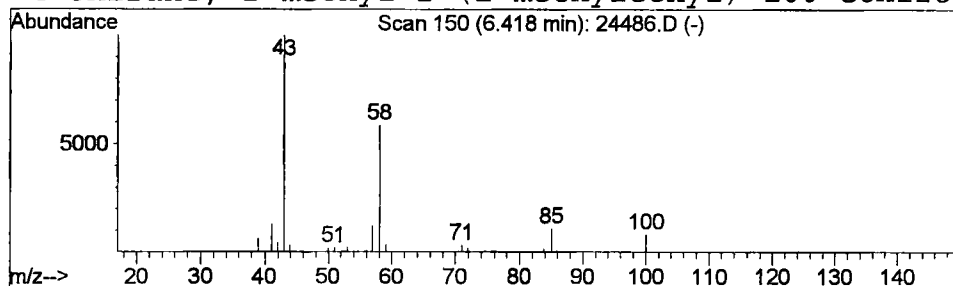
Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 1 2-Hexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.45 ug/l	66872	1,4-Dichlorobenzene-d4	11.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Hexanone	100	C6H12O	000591-78-6	86
2			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	56
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	53
4			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24486.D
Acq On : 3 Nov 2001 2:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

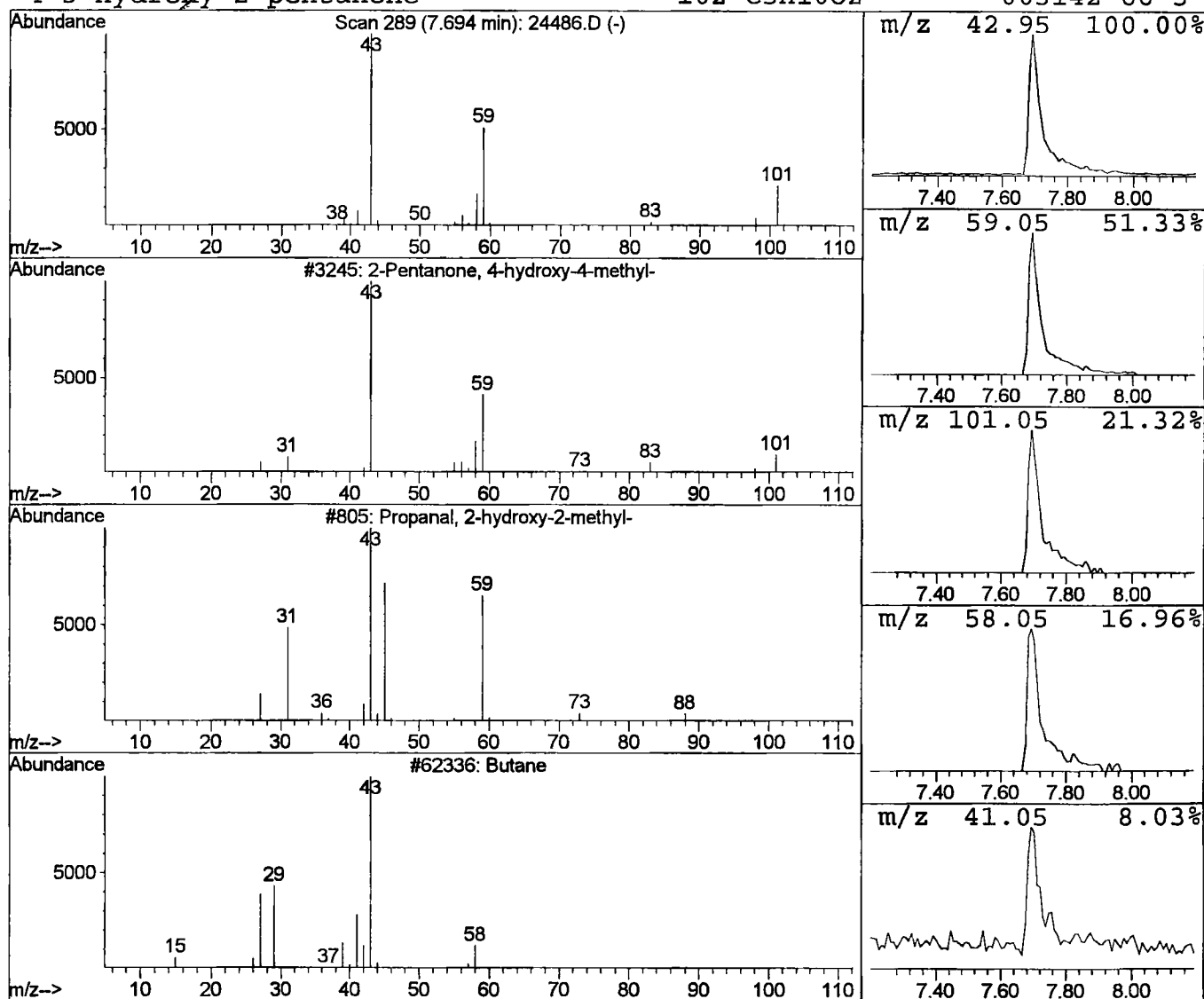
Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.08 ug/l	159897	1,4-Dichlorobenzene-d4	11.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
2			Propanal, 2-hydroxy-2-methyl-	88	C4H8O2	020818-81-9	25
3			Butane	58	C4H10	000106-97-8	9
4			3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0201\24486.D
Acq On : 3 Nov 2001 2:20 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

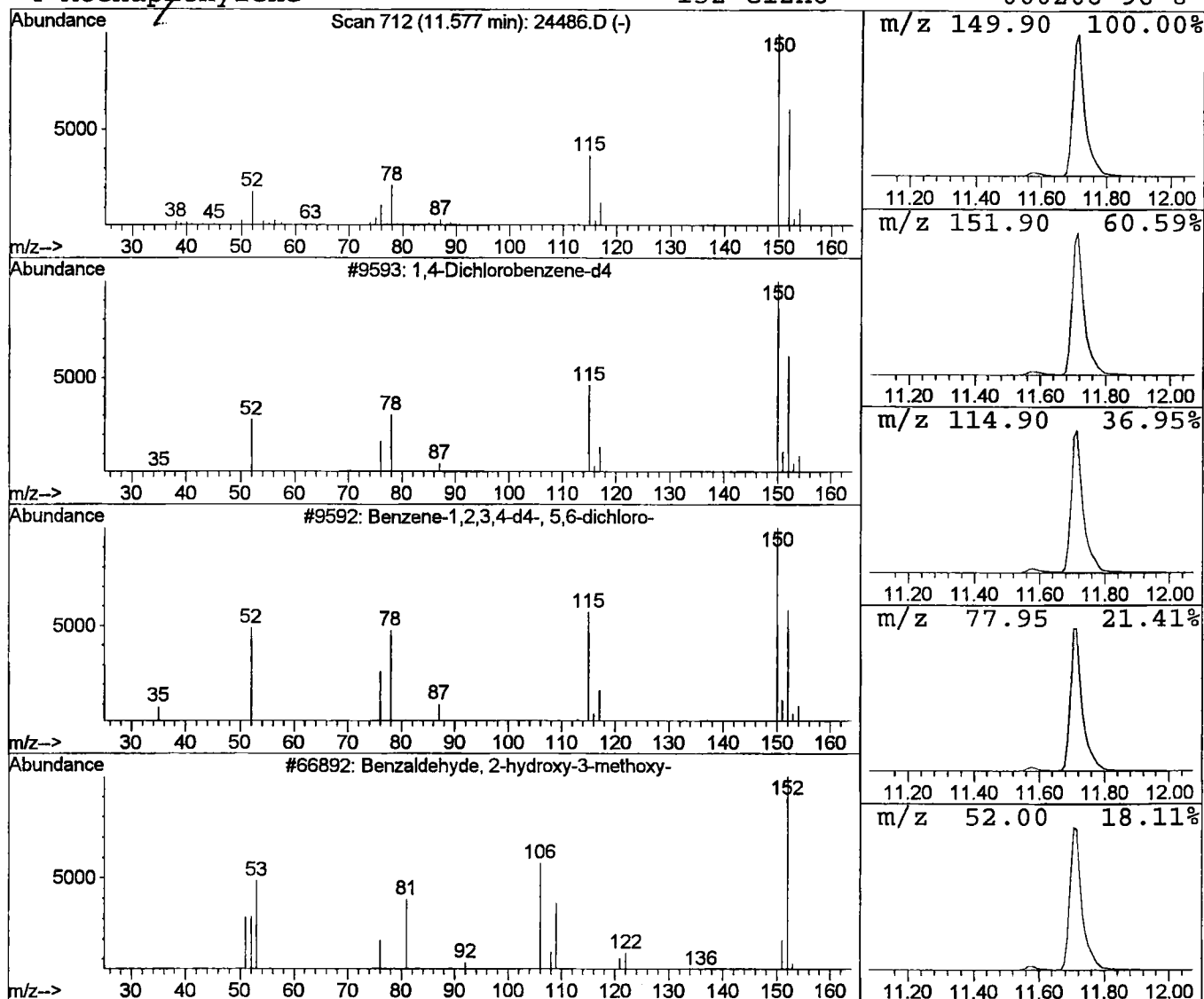
Vial: 25
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

Peak Number 3 1,4-Dichlorobenzene-d4 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	0.53 ug/l	78364	1,4-Dichlorobenzene-d4	11.72

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	64
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	9
4			Acenaphthylene	152	C12H8	000208-96-8	7



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 3 Nov 2001 2:20 pm
Data File: C:\HPCHEM\1\DATA\NOV0201\24486.D
Name: gc/ms unknown
Misc:
Method: C:\HPCHEM\1\METHODS\NP103001.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
2-Hexanone	6.42	0.5	ug/l	66872	ISTD01	11.72	2948460	20.0
2-Pentanone, 4-hydro	7.69	1.1	ug/l	159897	ISTD01	11.72	2948460	20.0
1,4-Dichlorobenzene-	11.58	0.5	ug/l	78364	ISTD01	11.72	2948460	20.0

24486.D NP103001.M Fri Nov 09 12:40:01 2001