

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/13/2001 Time: 09:21:31

Sample: AD24493
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/13/01 09:20 Ended: 11/13/01 09:20 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD24493 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-13-2001 Time: 09:21:50

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\NOV0501\24493.D
 Acq On : 5 Nov 2001 1:13 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 7 12:39 2001

Vial: 3
 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	633677	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2383470m	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1200656	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.02	188	1832454	20.00	ug/l	-0.01
59) Chrysene-d12	33.06	240	1282909	20.00	ug/l	0.00
68) Perylene-d12	37.16	264	927087	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	292	0.01	ug/l	0.47
Spiked Amount	75.000		Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.23	152	7580	0.26	ug/l	-0.02
Spiked Amount	50.000		Recovery	=	0.52%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount	50.000		Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.74	172	2409	0.03	ug/l	0.13
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

24493.D NP103001.M Wed Nov 07 12:48:36 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0501\24493.D

Vial: 3

Acq On : 5 Nov 2001 1:13 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 7 12:39 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
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	20.86	165	176	N.D.		
45) Diethylphthalate	22.11	149	177	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	443	N.D.		
56) Anthracene	25.03	178	443	N.D.		
57) Di-n-butylphthalate	27.03	149	2551	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	2909	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	804	N.D.		
67) Chrysene	33.06	228	2909	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

24493.D NP103001.M Wed Nov 07 12:48:41 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV0501\24493.D

Vial: 3

Acq On : 5 Nov 2001 1:13 pm

Operator: 209 GALOS

Sample : gc/ms unknown

Inst : GC/MS 209

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Nov 7 12:39 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	3526	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

24493.D NP103001.M Wed Nov 07 12:48:42 2001

Page 3

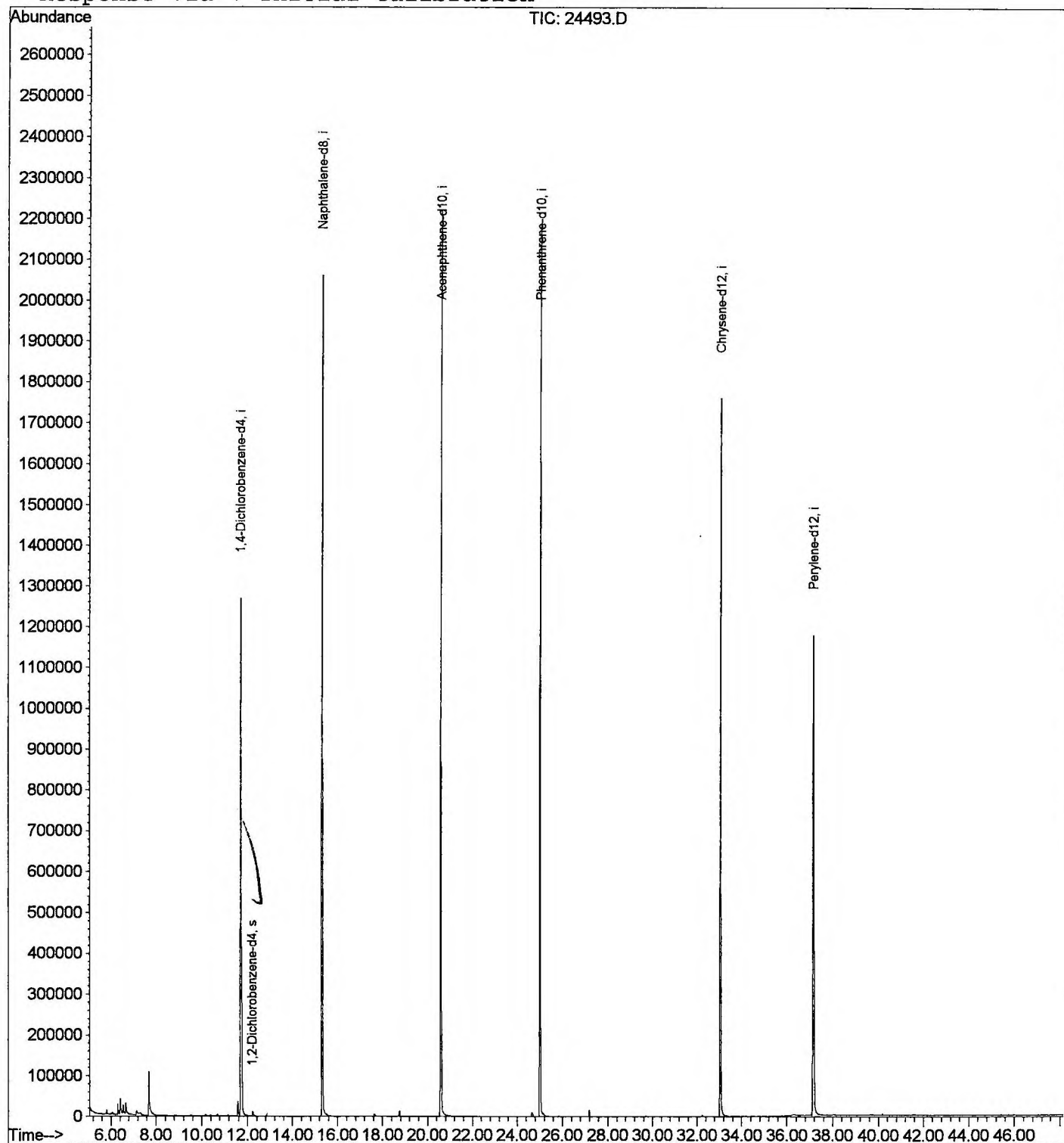
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24493.D
 Acq On : 5 Nov 2001 1:13 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 7 12:39 2001

Vial: 3
 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\NOV0501\24493.D

Acq On : 5 Nov 2001 1:13 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	6.313	135	138	145	rBV	25330	52363	1.11%	0.211%
2	6.423	146	150	161	rVV2	37340	105192	2.24%	0.423%
3	6.552	161	164	173	rVV	21589	51226	1.09%	0.206%
4	6.662	173	176	186	rVB	25325	58429	1.24%	0.235%
5	7.690	284	288	300	rBV	106737	283015	6.02%	1.138%
6	11.573	706	711	721	rBV	35985	89270	1.90%	0.359%
7	11.711	721	726	745	rVV	1267626	3232499	68.79%	12.999%
8	15.319	1113	1119	1138	rBV	2061305	4388432	93.39%	17.648%
9	20.598	1688	1694	1715	rBV	2221999	4698880	100.00%	18.896%
10	25.023	2169	2176	2188	rBV	2186521	4537011	96.56%	18.245%
11	33.065	3044	3052	3068	rBV	1759496	4032591	85.82%	16.217%
12	37.159	3490	3498	3511	rBV2	1175993	3337676	71.03%	13.422%

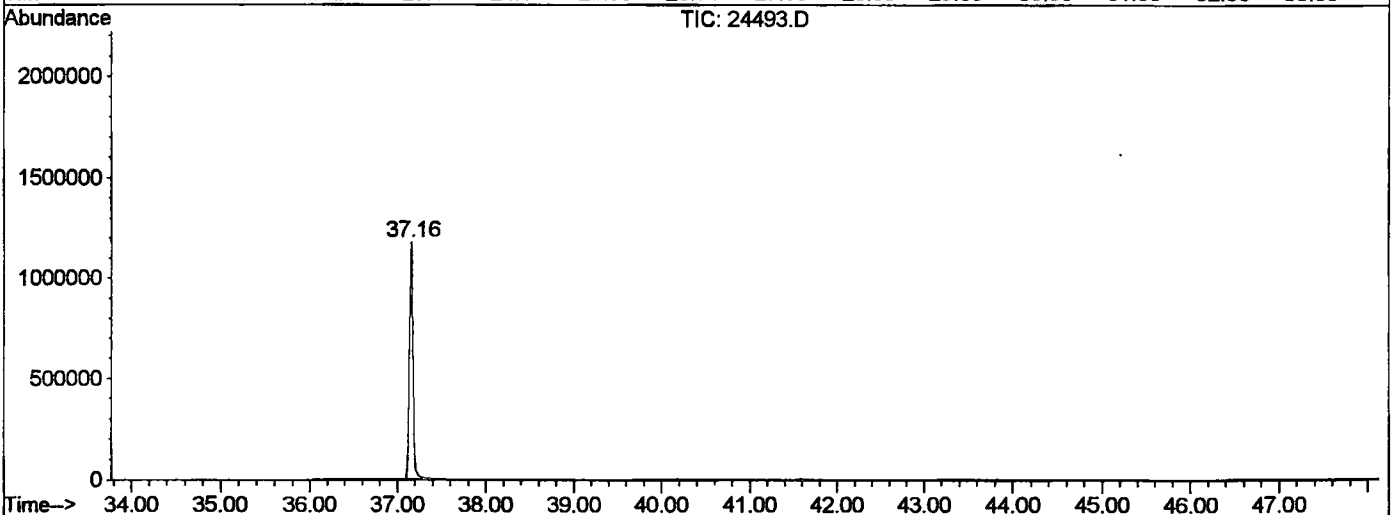
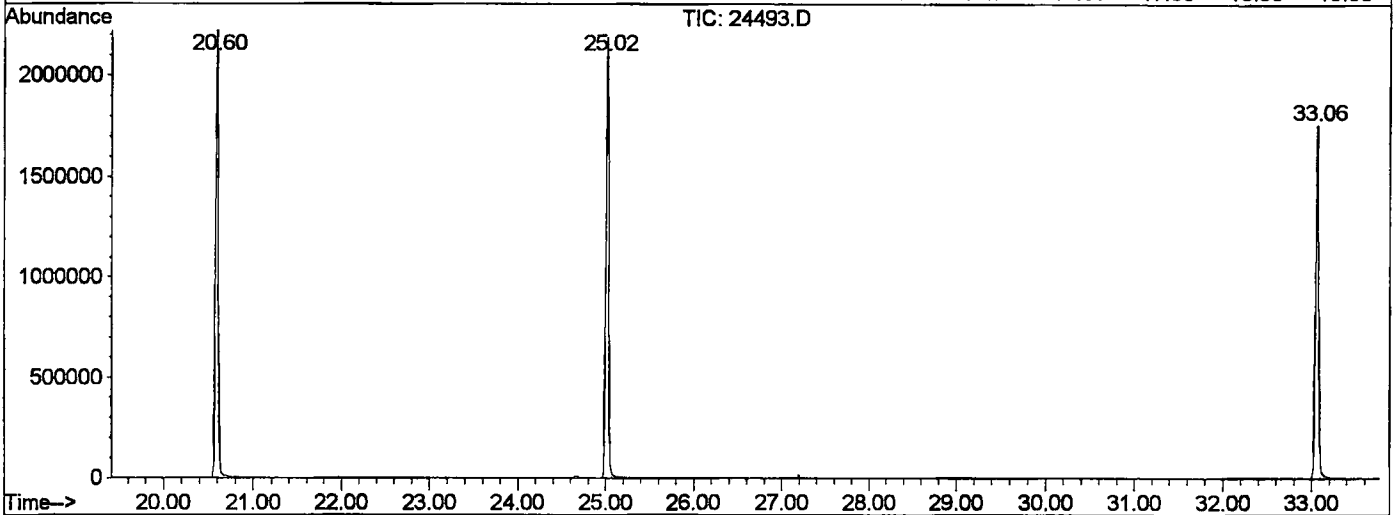
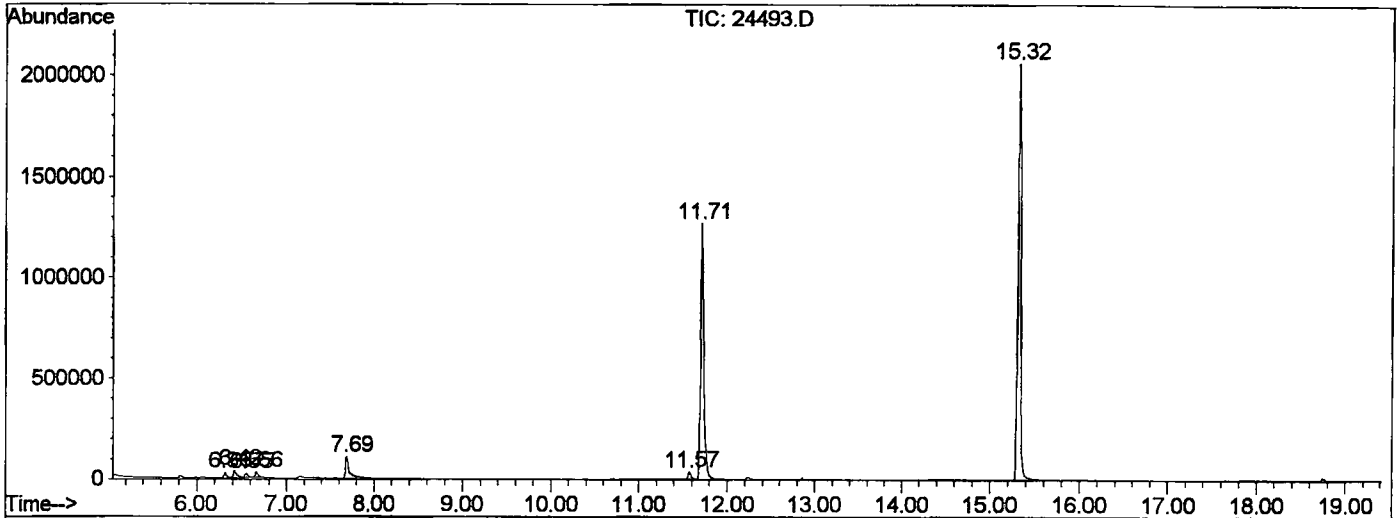
Sum of corrected areas: 24866584

24493.D NP103001.M

Fri Nov 09 12:15:26 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV0501\24493.D
 Operator : 209 GALOS
 Acquired : 5 Nov 2001 1:13 pm using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 3
 Quant File :NP103001.RES (RTE Integrator)



24493.D NP103001.M Fri Nov 09 12:15:28 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24493.D
 Acq On : 5 Nov 2001 1:13 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

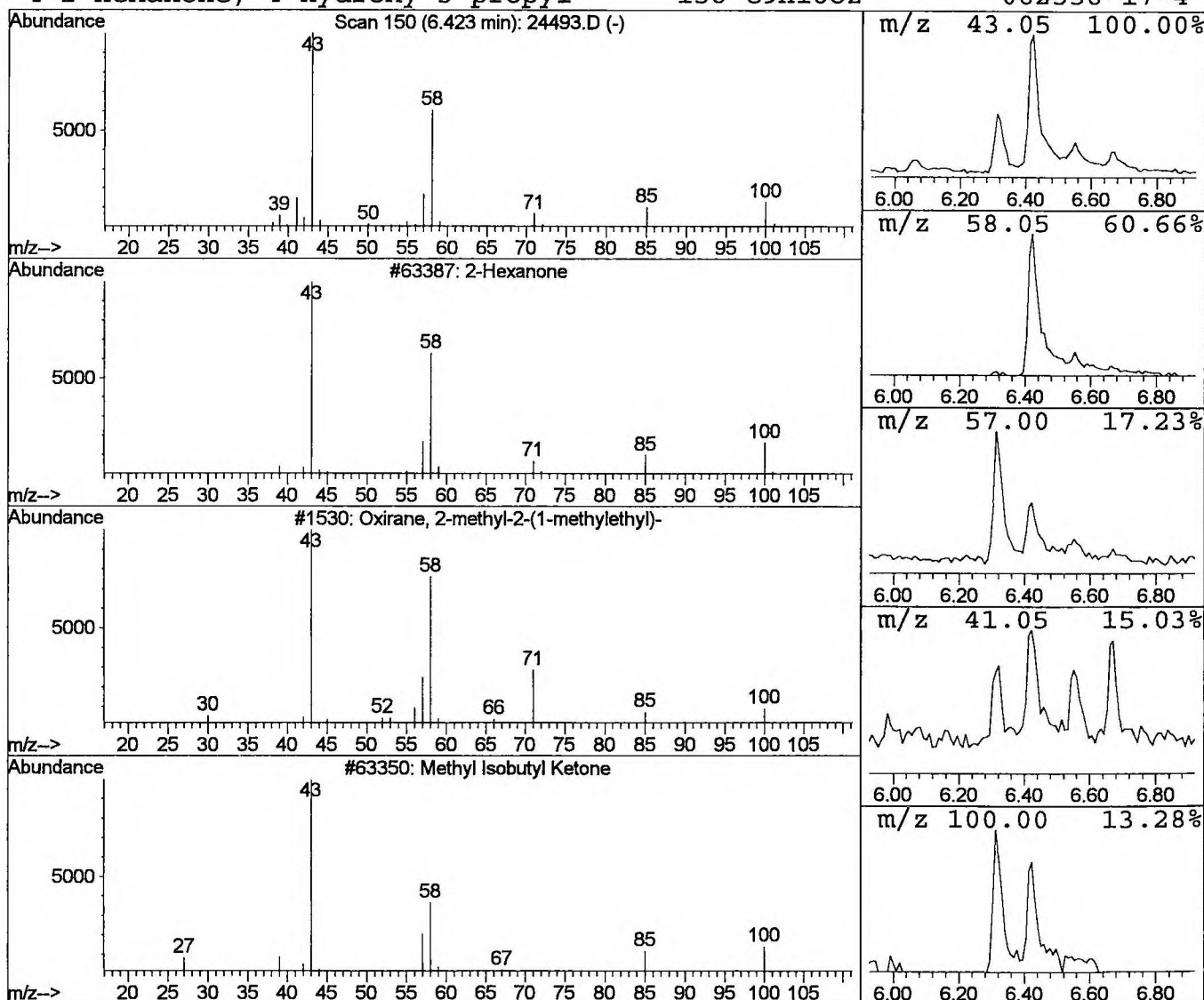
Vial: 3
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

 Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.42	0.65 ug/l	105192	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			Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	72
3			Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64
4			2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24493.D
 Acq On : 5 Nov 2001 1:13 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

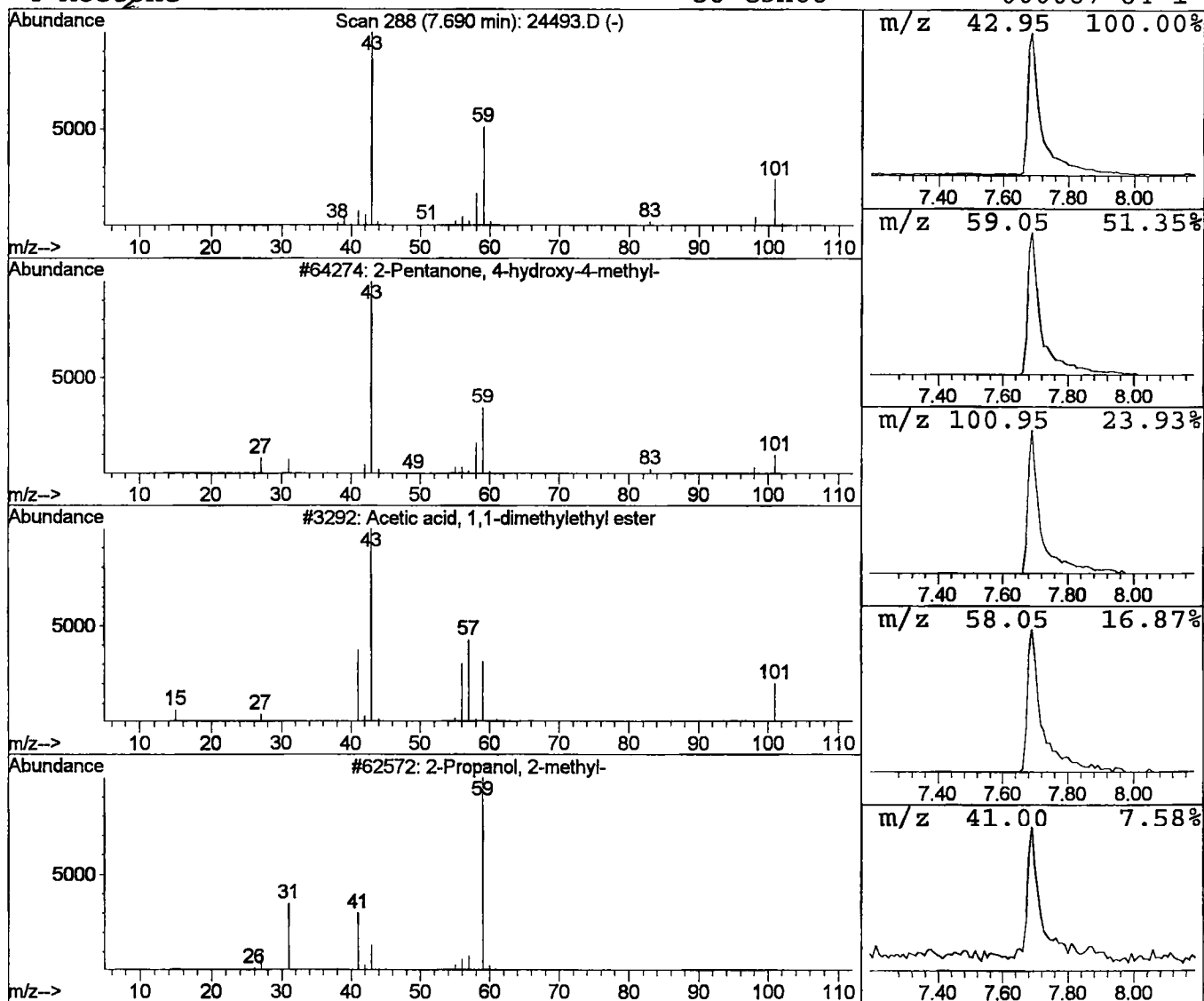
Vial: 3
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	1.75 ug/l	283015	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			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3			2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	17
4			Acetone	58	C3H6O	000067-64-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV0501\24493.D
 Acq On : 5 Nov 2001 1:13 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

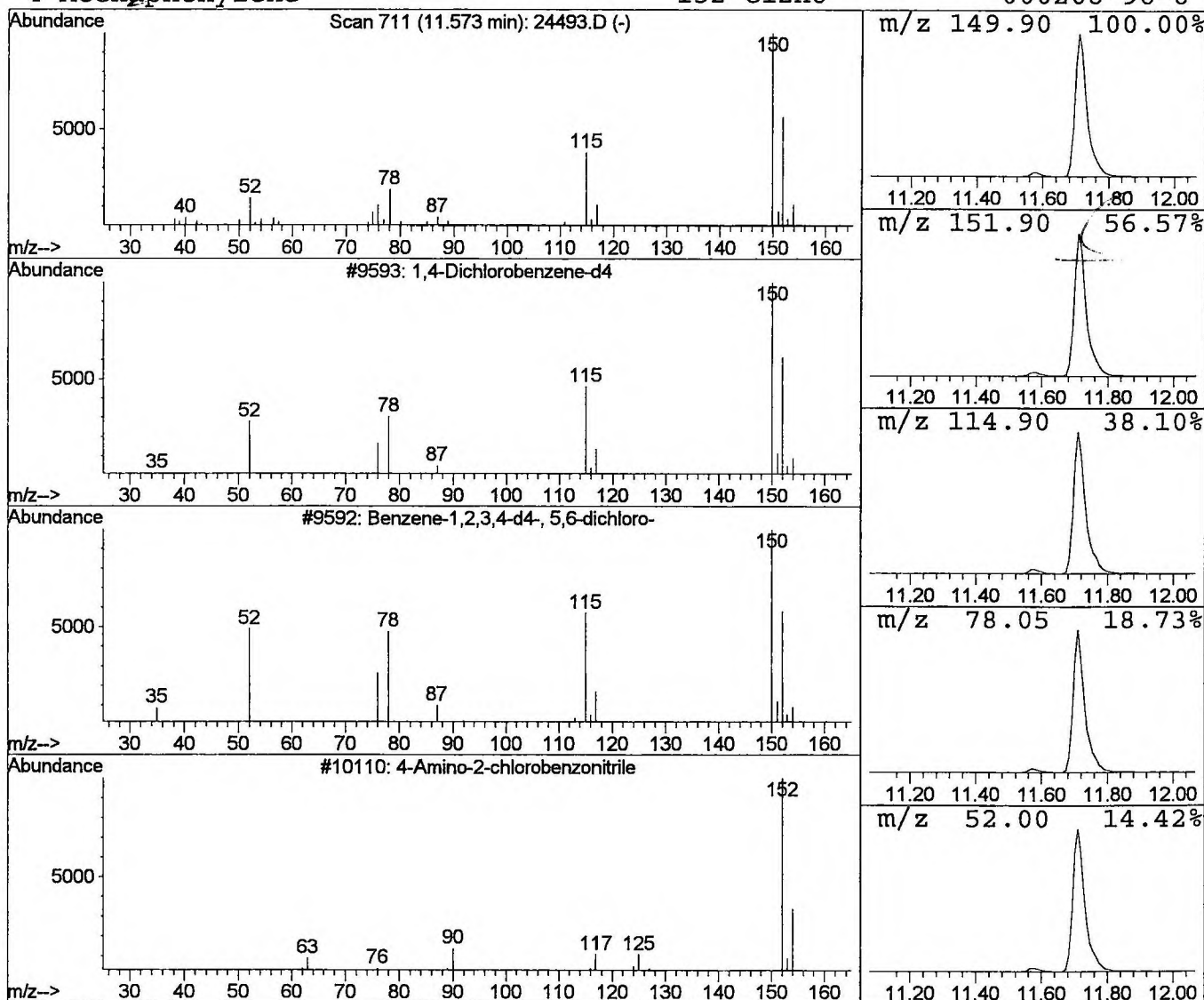
Vial: 3
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	0.55 ug/l	89270	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	47
2			Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	16
3			4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	9
4			Acenaphthylene	152	C12H8	000208-96-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 5 Nov 2001 1:13 pm
Data File: C:\HPCHEM\1\DATA\NOV0501\24493.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	0.7	ug/l	105192	ISTD01	11.71	3232500	20.0
2- Pentanone , 4-hydro	7.69	1.8	ug/l	283015	ISTD01	11.71	3232500	20.0
1,4- Dichlorobenzene -	11.57	0.6	ug/l	89270	ISTD01	11.71	3232500	20.0

24493.D NP103001.M Fri Nov 09 12:15:35 2001