

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 15:18:46

Sample: AD26471
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 15:18 Ended: 12/4/01 15:18 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26471 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-04-2001 Time: 15:18:55

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\NOV3001\26471.D

Acq On : 30 Nov 2001 9:19 pm

Sample : gc/ms unknown 11/3

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 3 15:23 2001

Vial: 11

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.90	152	1537314	20.00	ng/uL	-0.04
19) Naphthalene-d8	15.50	136	6059407	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.78	164	2739132	20.00	ng/uL	-0.04
49) Phenanthrene-d10	25.19	188	4020188	20.00	ng/uL	-0.05
59) Chrysene-d12	33.19	240	2710992	20.00	ng/uL	-0.06
68) Perylene-d12	37.29	264	2045720	20.00	ng/uL	-0.05

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ng/uL	
Spiked Amount	75.000	Range	18 - 42	Recovery	=	0.00%#
5) Phenol-d5	0.00	99	0	0.00	ng/uL	
Spiked Amount	75.000	Range	19 - 32	Recovery	=	0.00%#
6) 2-Chlorophenol-d4	11.90	132	1676	0.02	ng/uL	0.47
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.03%#
7) 1,2-Dichlorobenzene-d4	12.41	152	15848	0.24	ng/uL	-0.05
Spiked Amount	50.000	Range	26 - 73	Recovery	=	0.48%#
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range	55 - 98	Recovery	=	0.00%#
32) 2-Fluorobiphenyl	18.93	172	5680	0.03	ng/uL	0.10
Spiked Amount	50.000	Range	42 - 78	Recovery	=	0.06%#
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
Spiked Amount	75.000	Range	45 - 96	Recovery	=	0.00%#
62) Terphenyl-d14	0.00	244	0	0.00	ng/uL	
Spiked Amount	50.000	Range	58 - 98	Recovery	=	0.00%#

Target Compounds

				Qvalue
2) Pyridine	0.00	79	0	N.D.
3) N-nitrosodimethylamine	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-Nitrosodi-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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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26471.D

Vial: 11

Acq On : 30 Nov 2001 9:19 pm

Operator: GALOS

Sample : gc/ms unknown 11/3

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 3 15:23 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

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.	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	0.00	165	0	N.D.		
45) Diethylphthalate	0.00	149	0	N.D.		
46) 4-Chlorophenylphenylether	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	169	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	25.19	178	653	N.D.		
56) Anthracene	25.19	178	653	N.D.		
57) Di-n-butylphthalate	27.17	149	2908	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	33.19	228	6186	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.45	149	4252	N.D.		
67) Chrysene	33.19	228	6186	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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26471.D

Vial: 11

Acq On : 30 Nov 2001 9:19 pm

Operator: GALOS

Sample : gc/ms unknown 11/3

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 3 15:23 2001

Quant Results File: NP112701.RES

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/TCLP calibration table

Last Update : Wed Nov 28 15:33:44 2001

Response via : Initial Calibration

DataAcq Meth : NP112701

Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.29	252	7022	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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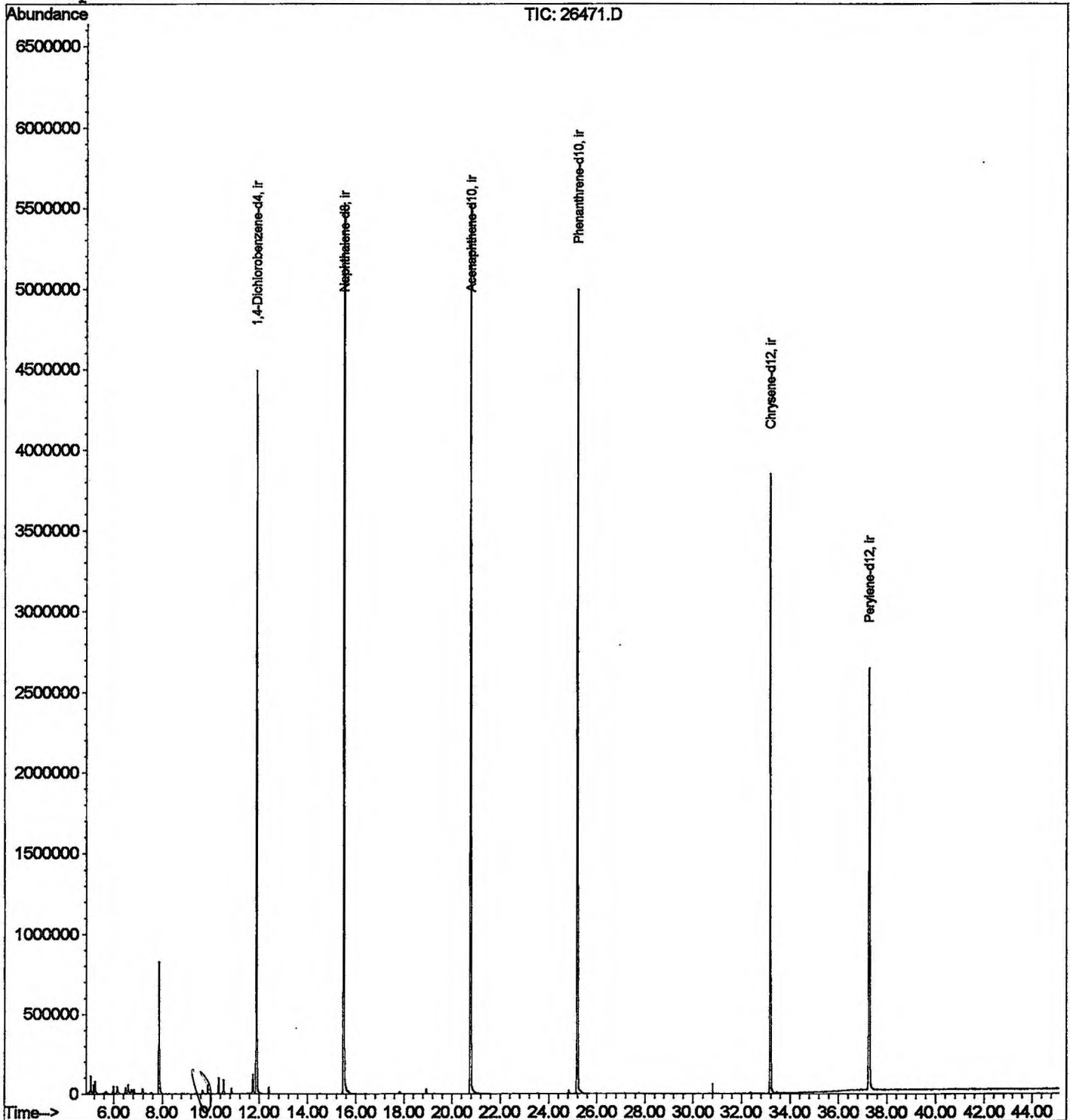
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26471.D
 Acq On : 30 Nov 2001 9:19 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 3 15:23 2001

Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Last Update : Wed Nov 28 15:33:44 2001
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26471.D

Vial: 11

Acq On : 30 Nov 2001 9:19 pm

Operator: GALOS

Sample : gc/ms unknown 11/3

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

Title : 208 625/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	5.046	17	22	32	rVB	108996	216658	1.79%	0.346%
2	7.861	325	329	343	rVB	823575	1653561	13.67%	2.641%
3	10.328	591	598	604	rBV	99923	193033	1.60%	0.308%
4	10.530	615	620	627	rBV	88306	169714	1.40%	0.271%
5	11.749	748	753	759	rBV	122872	235757	1.95%	0.376%
6	11.887	763	768	781	rVV	4488213	9279332	76.72%	14.819%
7	15.500	1156	1162	1179	rBV	5529722	12095169	100.00%	19.316%
8	20.782	1731	1738	1755	rBV	5520563	11835982	97.86%	18.902%
9	25.193	2212	2219	2231	rBV2	4994509	10917474	90.26%	17.435%
10	33.189	3084	3091	3106	rBV2	3845889	8655381	71.56%	13.822%
11	37.288	3529	3538	3549	rBV2	2619278	7366305	60.90%	11.764%

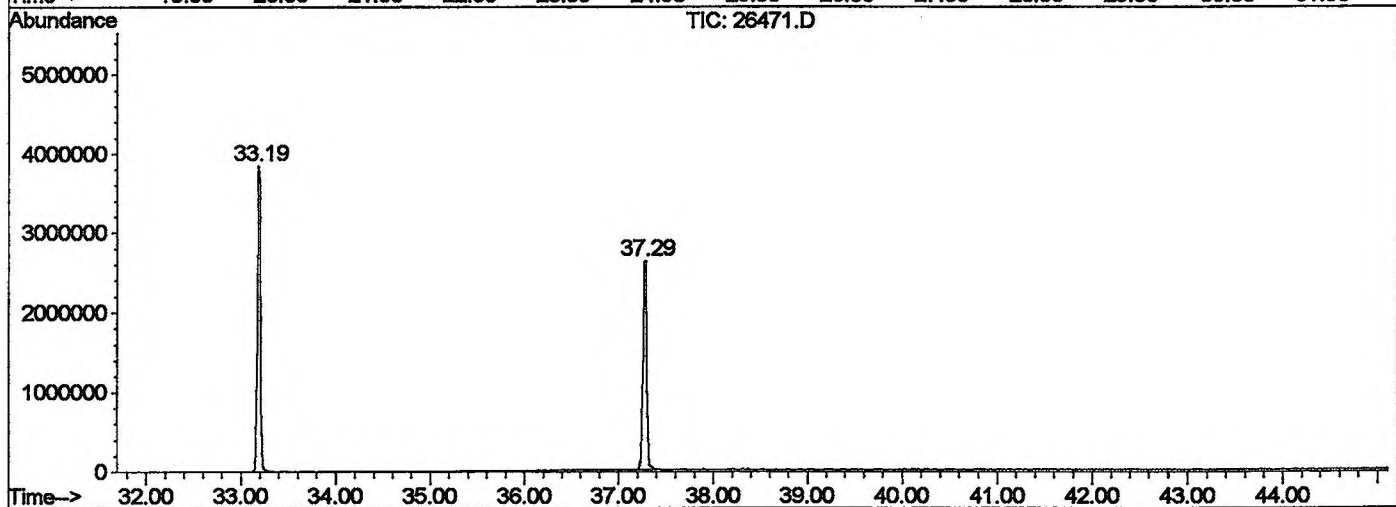
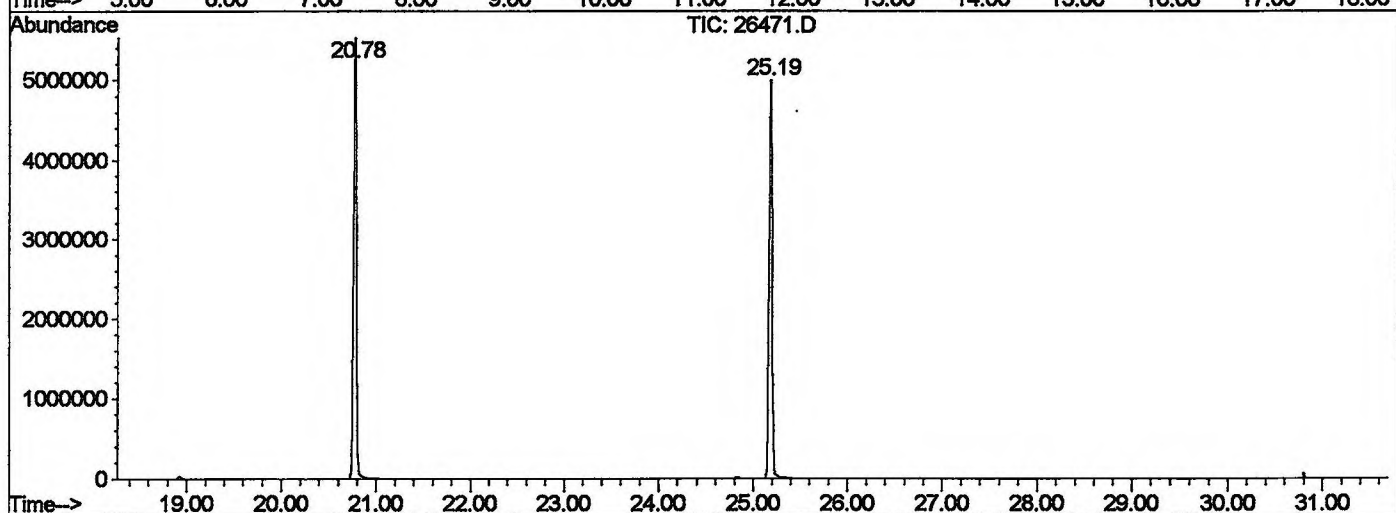
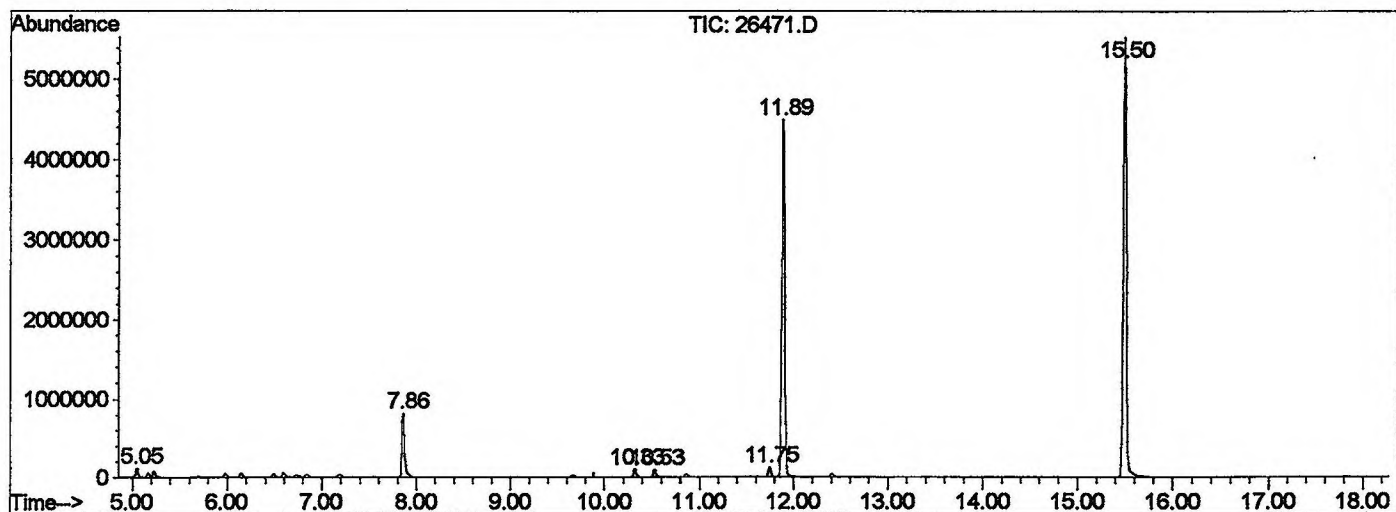
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26471.D NP112701.M

Tue Dec 04 10:44:23 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26471.D
 Operator : GALOS
 Acquired : 30 Nov 2001 9:19 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/3
 Misc Info :
 Vial Number: 11
 Quant File :NP112701.RES (RTE Integrator)



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Library Search Compound Report

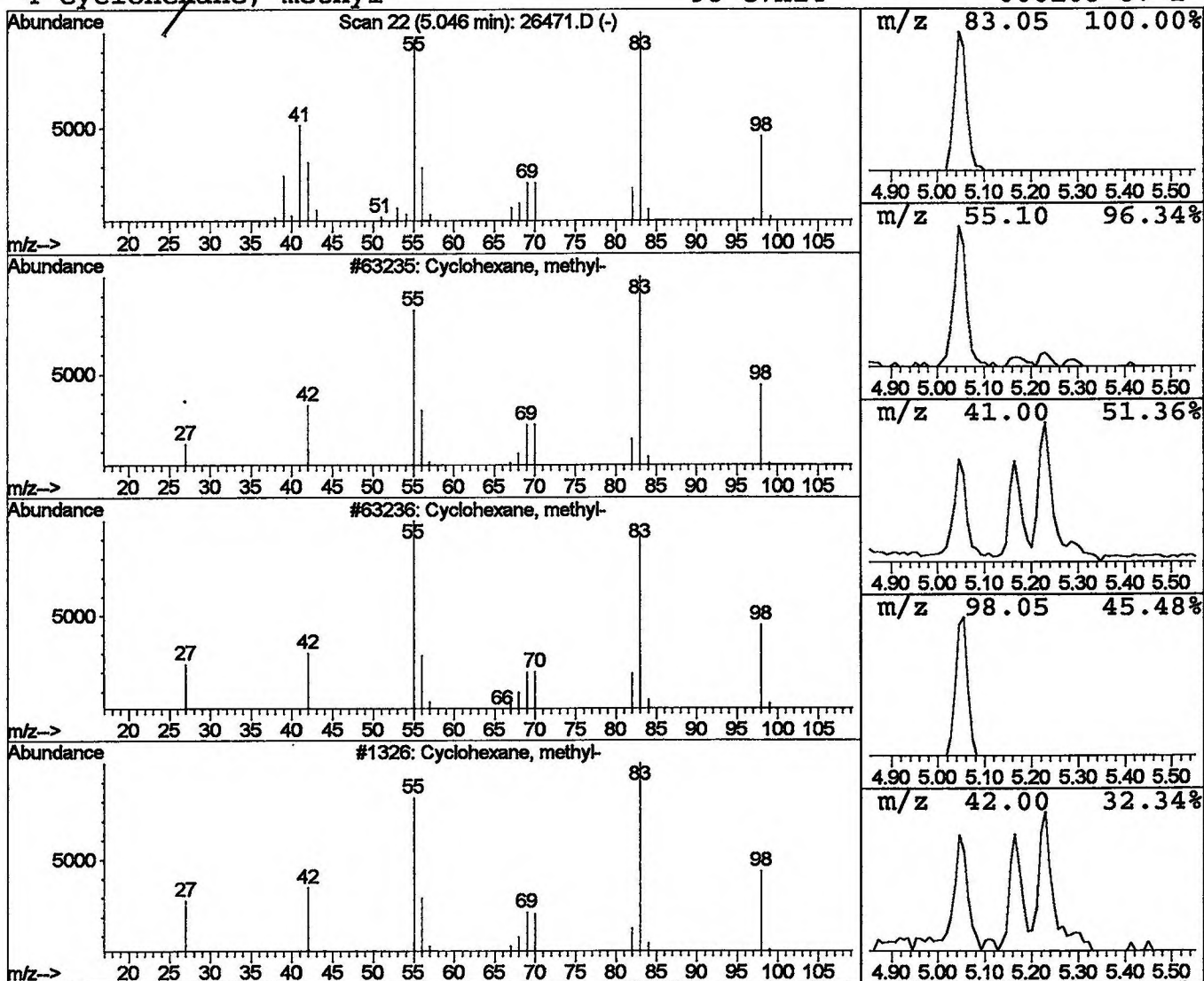
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 Acq On : 30 Nov 2001 9:19 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 1 Cyclohexane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
5.05	0.47 ng/uL	216658	1,4-Dichlorobenzene-d4	11.90		
Hit# of 5	Tentative ID		MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-		98	C7H14	000108-87-2	97
2	Cyclohexane, methyl-		98	C7H14	000108-87-2	97
3	Cyclohexane, methyl-		98	C7H14	000108-87-2	96
4	Cyclohexane, methyl-		98	C7H14	000108-87-2	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26471.D
 Acq On : 30 Nov 2001 9:19 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

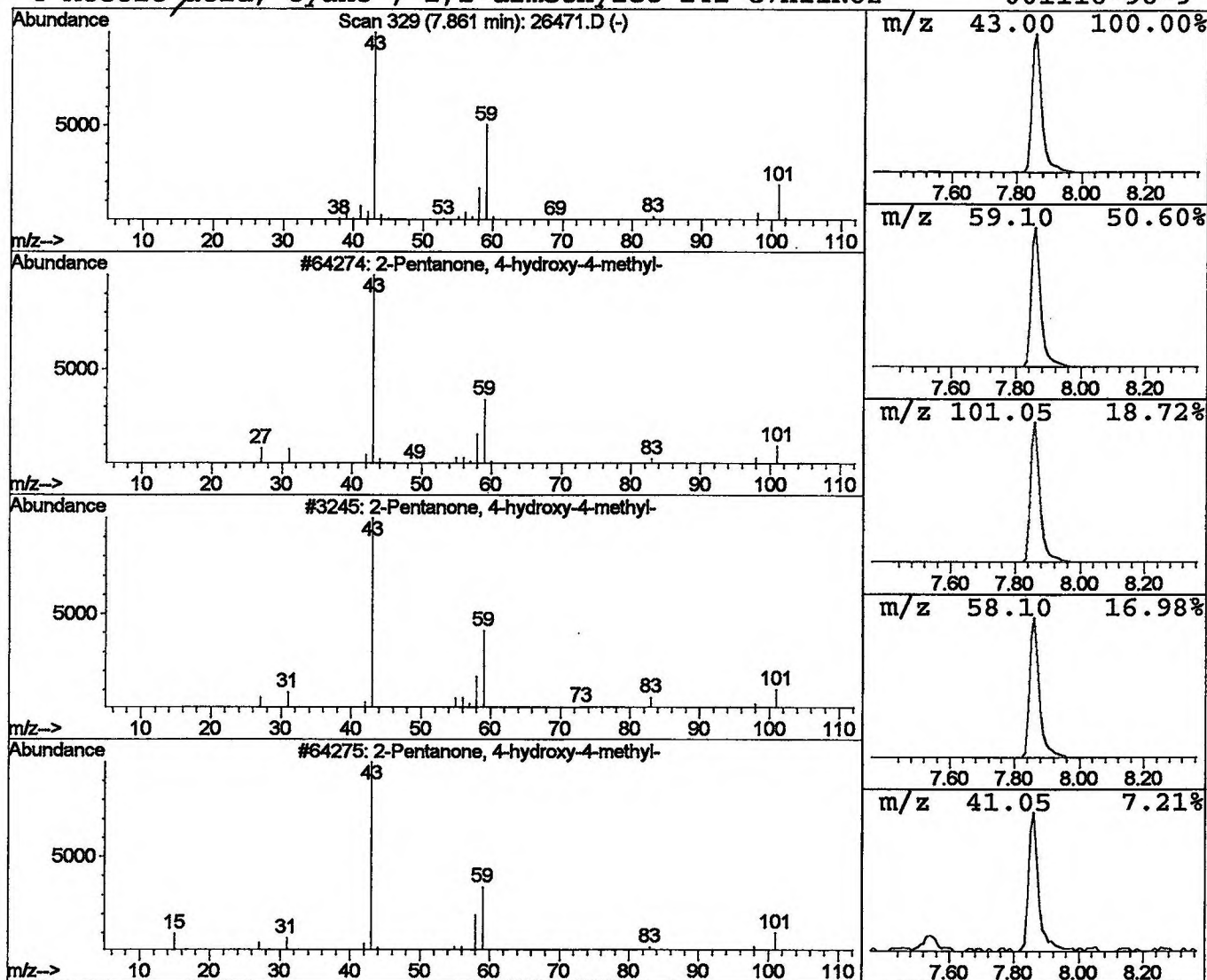
Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/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.
7.86	3.56 ng/uL	1653560	1,4-Dichlorobenzene-d4	11.90

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4			Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23



Library Search Compound Report

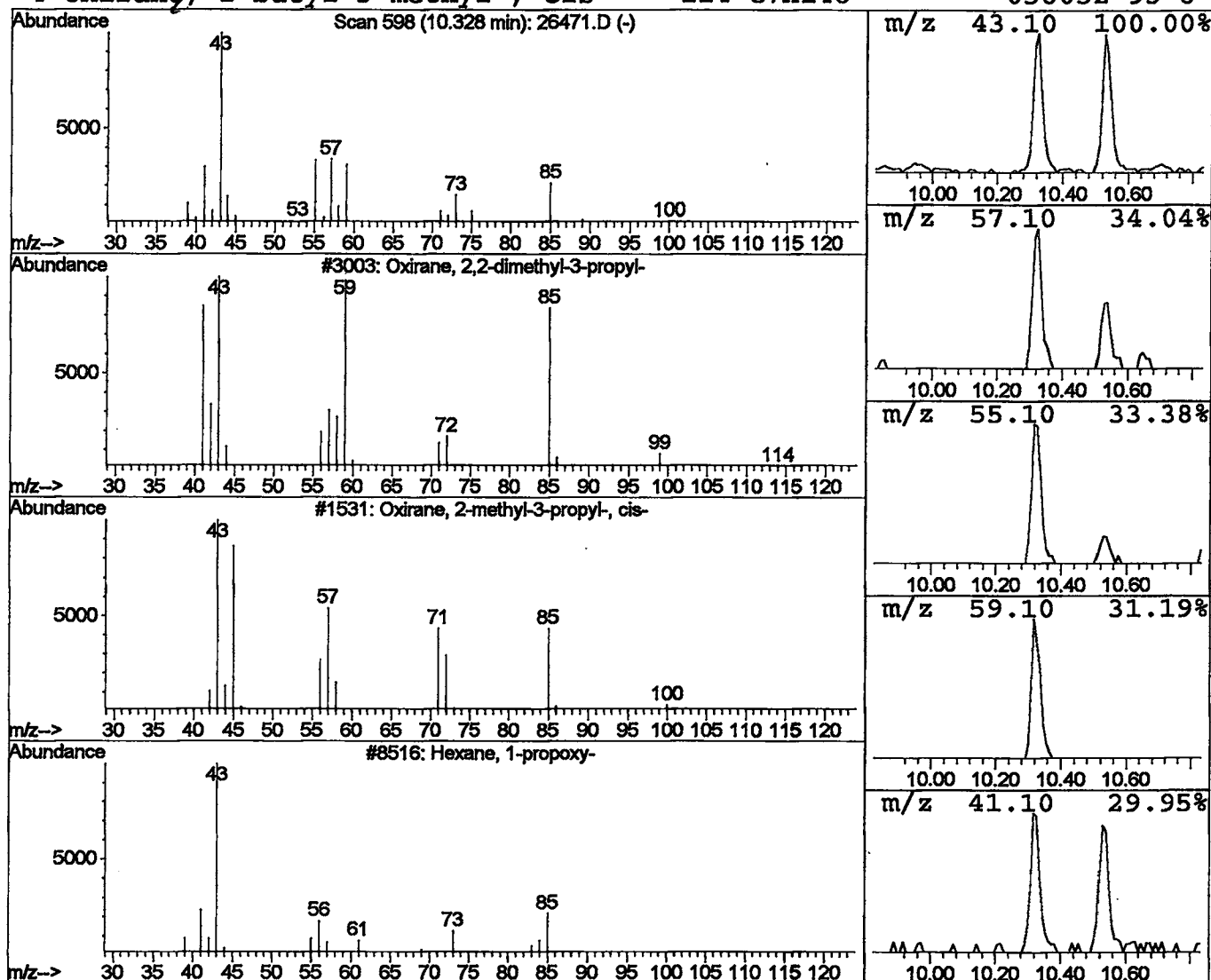
Data File : C:\HPCHEM\1\DATA\NOV3001\26471.D
 Acq On : 30 Nov 2001 9:19 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

 Peak Number 3 Oxirane, 2,2-dimethyl-3-propyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
10.33	0.42 ng/uL	193033	1,4-Dichlorobenzene-d4	11.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	28
2	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	23
3	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	23
4	Oxirane, 2-butyl-3-methyl-, cis-	114	C7H14O	056052-93-8	23



Library Search Compound Report

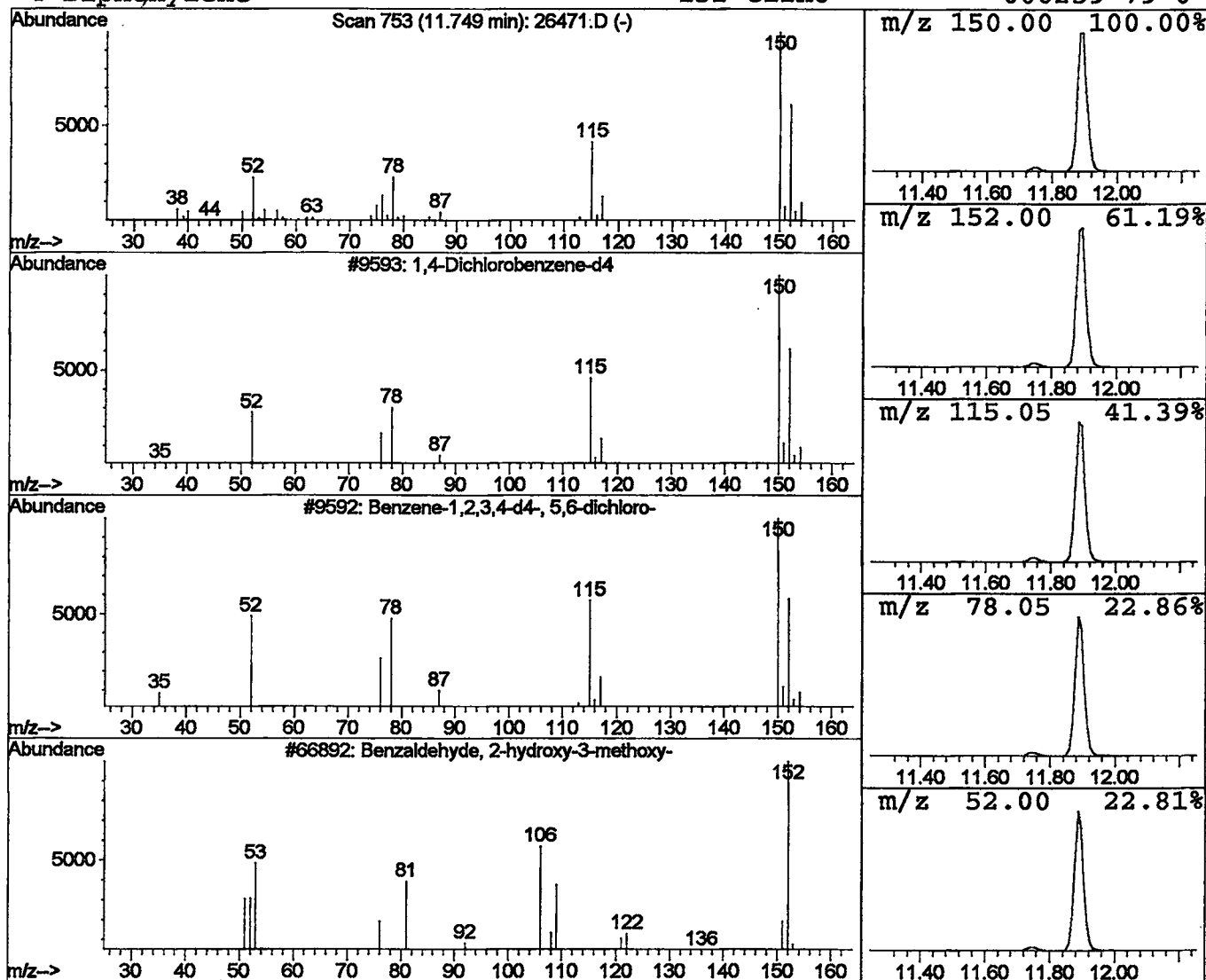
Data File : C:\HPCHEM\1\DATA\NOV3001\26471.D
 Acq On : 30 Nov 2001 9:19 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Library : C:\DATABASE\NBS75K.L

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

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.75	0.51 ng/uL	235757	1,4-Dichlorobenzene-d4	11.90	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	72
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: GALOS Date Acquired: 30 Nov 2001 9:19 pm
 Data File: C:\HPCHEM\1\DATA\NOV3001\26471.D
 Name: gc/ms unknown 11/3
 Misc:
 Method: C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title: 208 625/TCLP calibration table
 Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
Cyclohexane, methyl-	5.05	0.5	ng/uL	216658	ISTD01	11.90	9279330	20.0
2-Pentanone, 4-hydro	7.86	3.6	ng/uL	1653560	ISTD01	11.90	9279330	20.0
Oxirane, 2,2-dimethy	10.33	0.4	ng/uL	193033	ISTD01	11.90	9279330	20.0
1,4-Dichlorobenzene-	11.75	0.5	ng/uL	235757	ISTD01	11.90	9279330	20.0

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