

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/04/2001 Time: 15:19:27

Sample: AD26394
 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 AD26394 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-04-2001 Time: 15:19:37

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\26394.D

Vial: 20

Acq On : 1 Dec 2001 5:29 am

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 15:26 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.89	152	1717166	20.00	ng/uL	-0.04
19) Naphthalene-d8	15.50	136	6951276	20.00	ng/uL	-0.04
31) Acenaphthene-d10	20.78	164	3174323	20.00	ng/uL	-0.04
49) Phenanthrene-d10	25.19	188	4676240	20.00	ng/uL	-0.05
59) Chrysene-d12	33.19	240	3044708	20.00	ng/uL	-0.05
68) Perylene-d12	37.28	264	2299101	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	11.88	132	2198	0.02	ng/uL	0.46
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.03%#	
7) 1,2-Dichlorobenzene-d4	12.41	152	17486	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	6138	0.03	ng/uL	0.09
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	5.06	79	677	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\26394.D

Vial: 20

Acq On : 1 Dec 2001 5:29 am

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 15:26 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	21.23	65	276	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	25.20	178	1027	N.D.		
56) Anthracene	25.20	178	1027	N.D.		
57) Di-n-butylphthalate	27.17	149	5438	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	7162	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.45	149	7434	N.D.		
67) Chrysene	33.19	228	7162	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\26394.D

Vial: 20

Acq On : 1 Dec 2001 5:29 am

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 15:26 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	37.28	252	8205	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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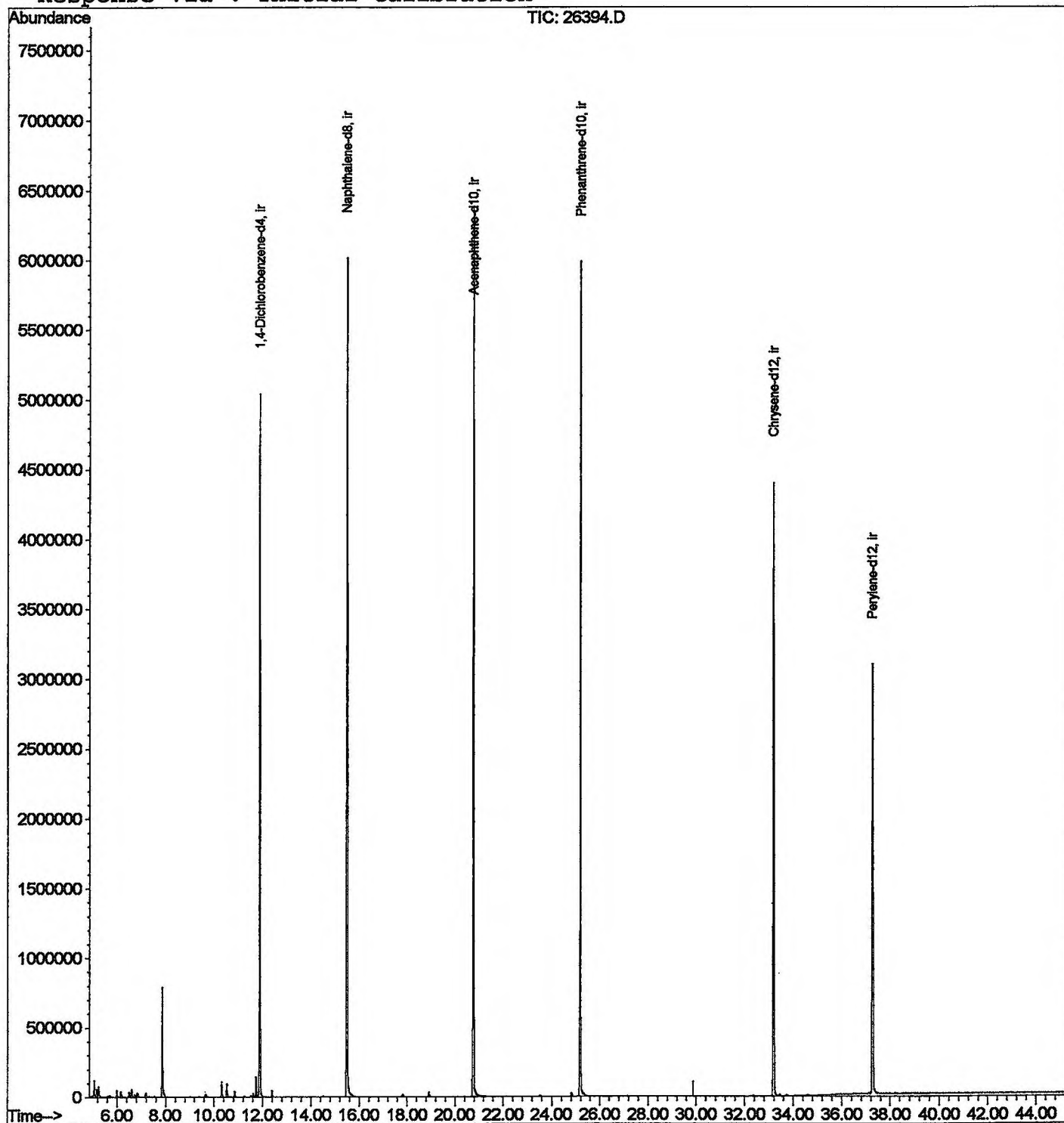
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26394.D
Acq On : 1 Dec 2001 5:29 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 3 15:26 2001

Vial: 20
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\26394.D

Acq On : 1 Dec 2001 5:29 am

Sample : gc/ms unknown 11/3

Misc :

MS Integration Params: LSCINT.P

Vial: 20

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

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	5.060	19	24	33	rVB	119196	229061	1.64%	0.321%
2	7.857	325	329	345	rVB	789044	1619488	11.60%	2.271%
3	10.323	591	598	605	rBV	111791	209850	1.50%	0.294%
4	10.534	617	621	630	rVB	96422	189001	1.35%	0.265%
5	11.745	749	753	759	rBV	145164	269777	1.93%	0.378%
6	11.892	763	769	790	rVB	5040666	10493539	75.14%	14.715%
7	15.495	1155	1162	1180	rBV	6018189	13965751	100.00%	19.584%
8	20.777	1730	1738	1752	rBV	6387888	13662763	97.83%	19.159%
9	25.188	2212	2219	2231	rBV2	5988518	12663061	90.67%	17.757%
10	33.194	3085	3092	3110	rBV2	4400710	9754915	69.85%	13.679%
11	37.284	3529	3538	3559	rBV2	3079802	8254307	59.10%	11.575%

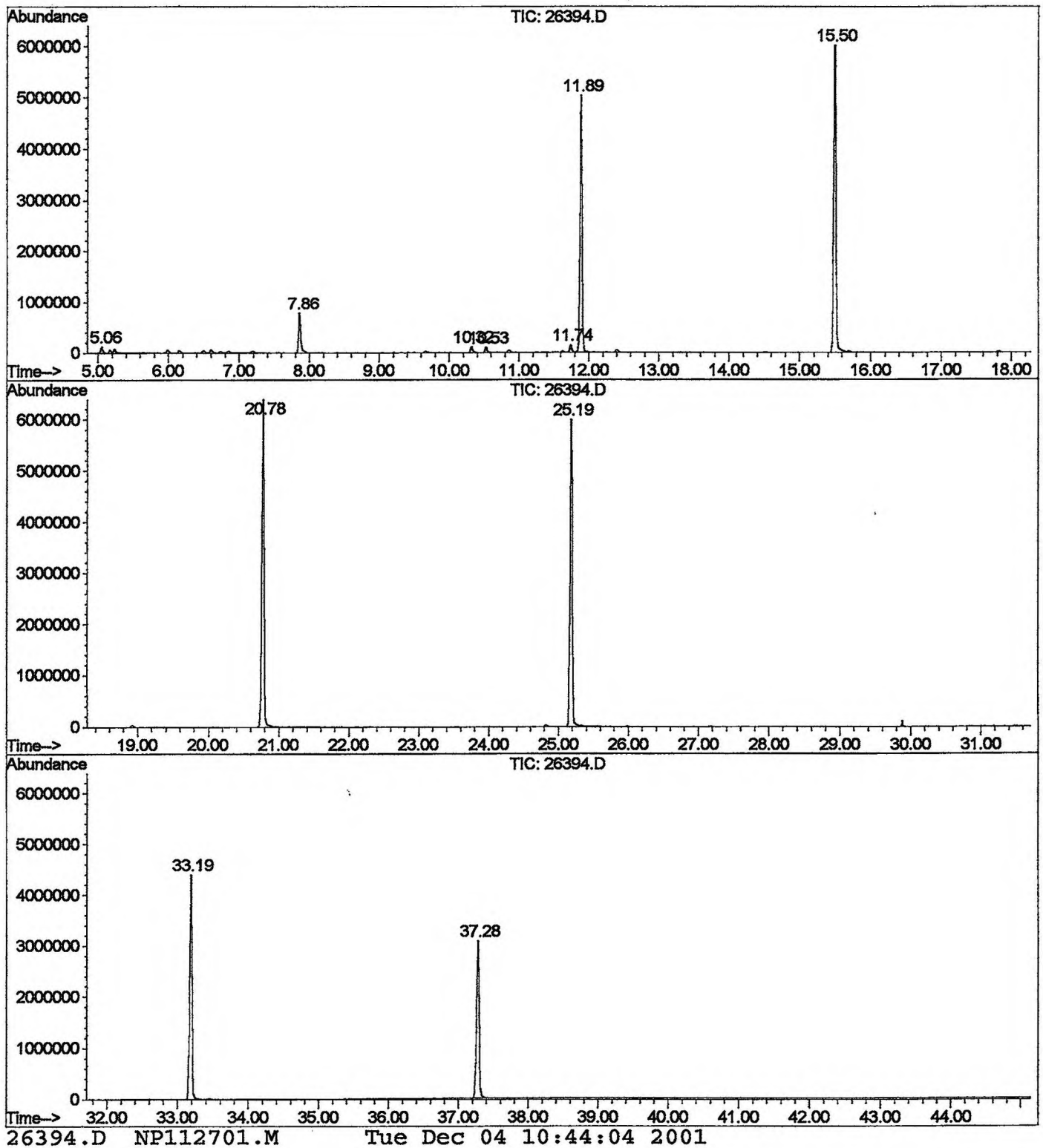
Sum of corrected areas: 71311513

26394.D NP112701.M

Tue Dec 04 10:44:03 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26394.D
Operator : GALOS
Acquired : 1 Dec 2001 5:29 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 20
Quant File :NP112701.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26394.D
 Acq On : 1 Dec 2001 5:29 am
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

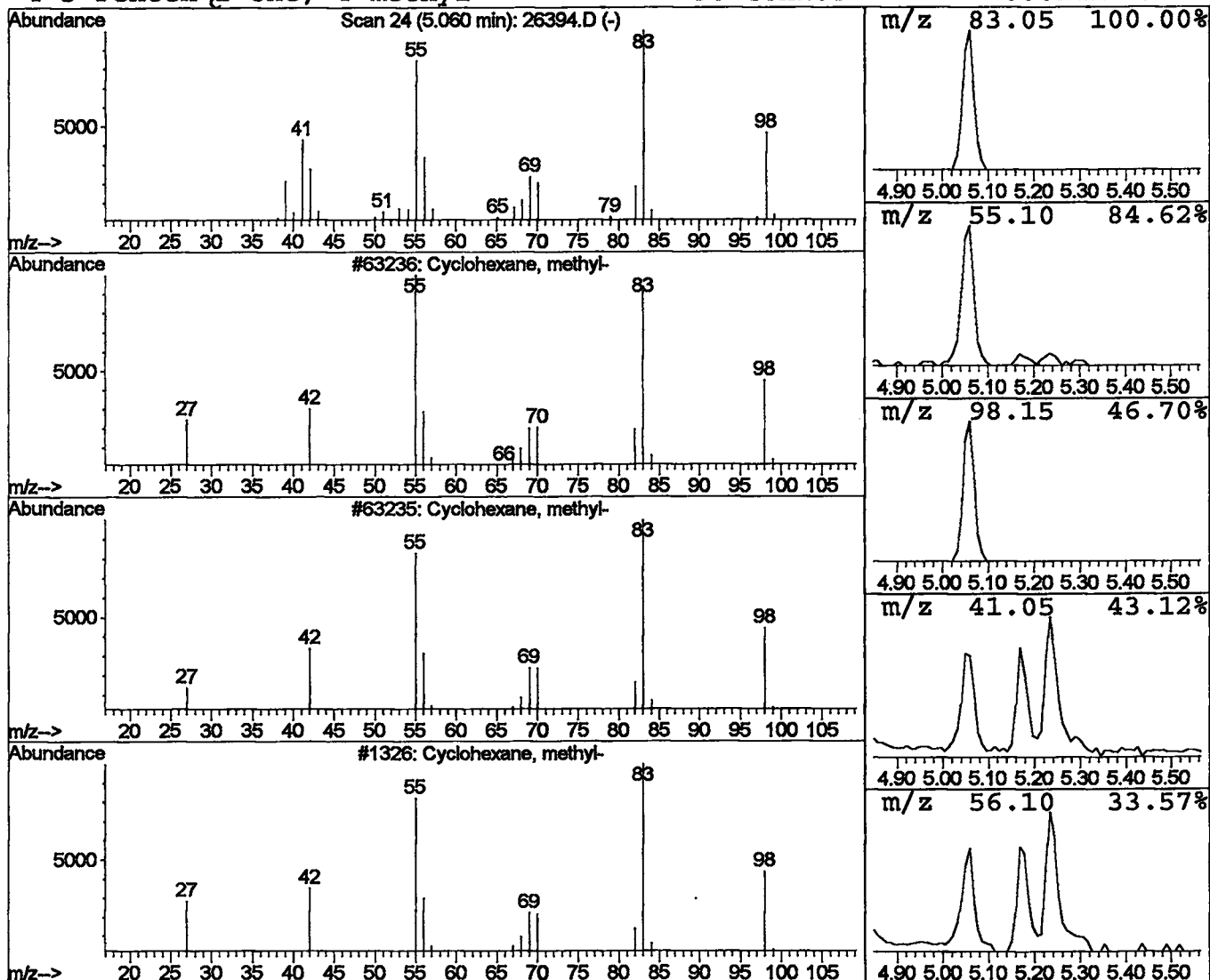
Vial: 20
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
5.06	0.44 ng/uL	229061	1,4-Dichlorobenzene-d4	11.89

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	96
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	52



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26394.D
Acq On : 1 Dec 2001 5:29 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

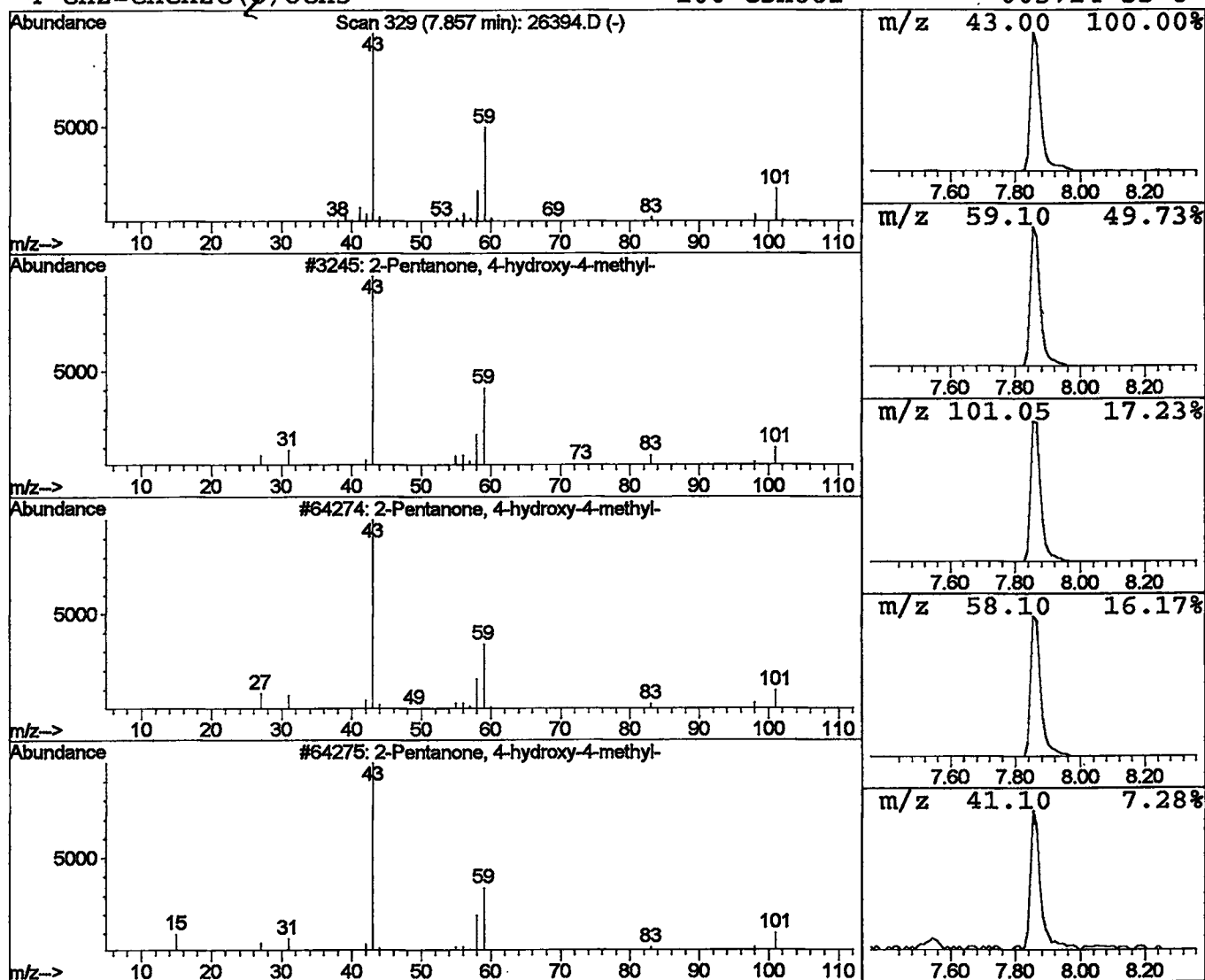
Vial: 20
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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	3.09 ng/uL	1619490	1,4-Dichlorobenzene-d4	11.89

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
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	25
4		CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26394.D
 Acq On : 1 Dec 2001 5:29 am
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

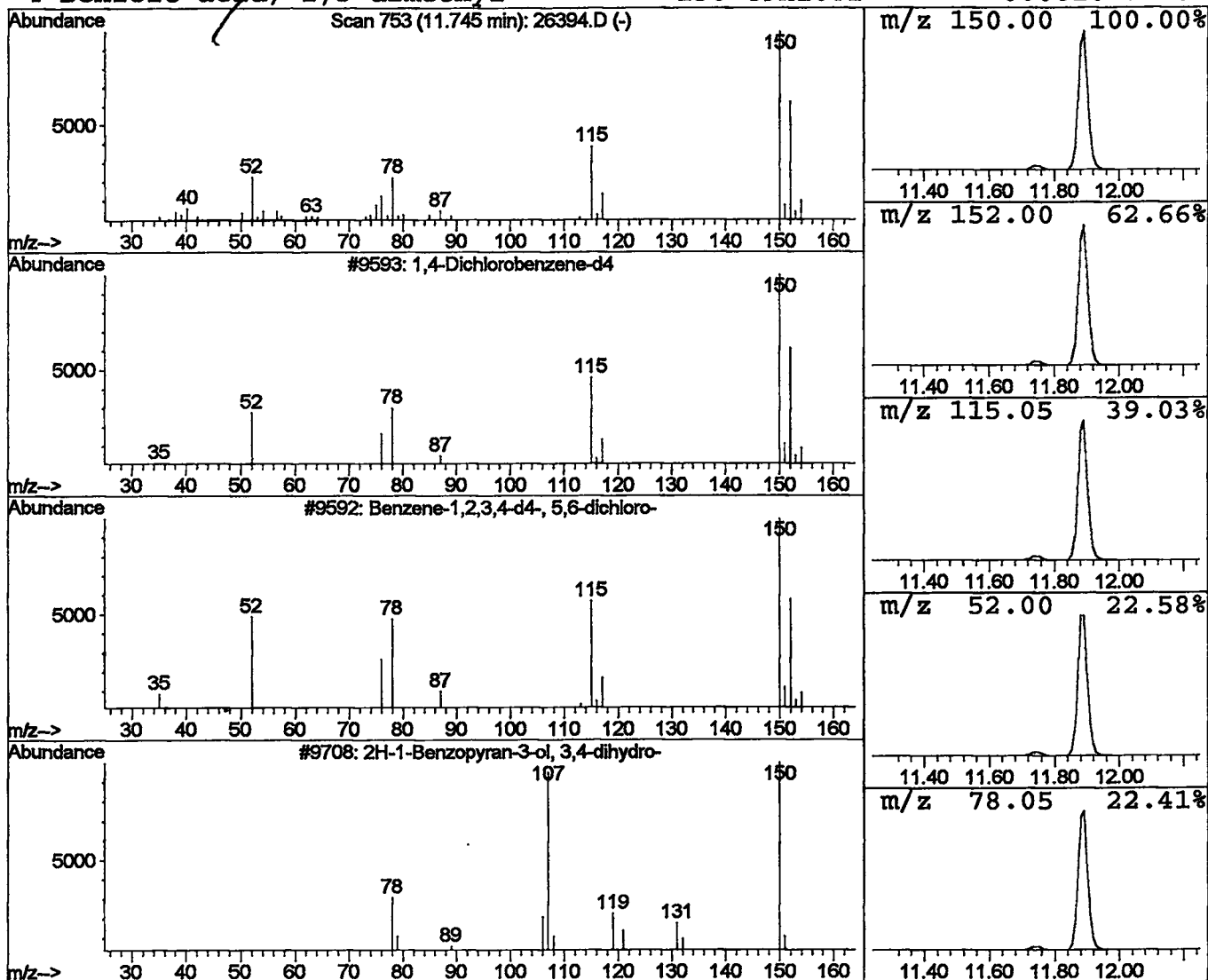
Vial: 20
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	0.51 ng/uL	269777	1,4-Dichlorobenzene-d4	11.89

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	1,4-Dichlorobenzene-d4	150	C6Cl2D4	003855-82-1	96
2		Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	42
3		2H-1-Benzopyran-3-ol, 3,4-dihydro-	150	C9H10O2	021834-60-6	9
4		Benzoic acid, 2,5-dimethyl-	150	C9H10O2	000610-72-0	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 5:29 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26394.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-	5.06	0.4	ng/uL	229061	ISTD01	11.89	10493500	20.0
2-Pentanone, 4-hydro	7.86	3.1	ng/uL	1619490	ISTD01	11.89	10493500	20.0
1,4-Dichlorobenzene-	11.74	0.5	ng/uL	269777	ISTD01	11.89	10493500	20.0

26394.D NP112701.M Tue Dec 04 10:44:06 2001