

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/04/2001 Time: 14:26:00

Sample: AD26318
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/4/01 14:25 Ended: 12/4/01 14:25 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26318 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-04-2001 Time: 14:29:32

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\26318.D

Vial: 28

Acq On : 1 Dec 2001 12:46 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 4 14:11 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	1567204	20.00	ng/uL	-0.04
19) Naphthalene-d8	15.50	136	6084312	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.78	164	2739679	20.00	ng/uL	-0.04
49) Phenanthrene-d10	25.19	188	3897783	20.00	ng/uL	-0.05
59) Chrysene-d12	33.19	240	2423360	20.00	ng/uL	-0.06
68) Perylene-d12	37.28	264	1782607	20.00	ng/uL	-0.06

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	11.89	132	1360	0.01	ng/uL	0.46
Spiked Amount	75.000	Range 34 - 84	Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.41	152	16481	0.25	ng/uL	-0.05
Spiked Amount	50.000	Range 26 - 73	Recovery =	0.50%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range 55 - 98	Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.92	172	5810	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	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

26318.D NP112701.M Tue Dec 04 14:12:10 2001

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26318.D

Vial: 28

Acq On : 1 Dec 2001 12:46 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 4 14:11 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	15.55	128	1317	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	25.25	178	320	N.D.		
56) Anthracene	25.25	178	320	N.D.		
57) Di-n-butylphthalate	27.17	149	45183	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	4892	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.44	149	12955	N.D.		
67) Chrysene	33.19	228	4892	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

26318.D NP112701.M Tue Dec 04 14:12:11 2001

Page 2

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26318.D

Vial: 28

Acq On : 1 Dec 2001 12:46 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 4 14:11 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	5827		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

26318.D NP112701.M Tue Dec 04 14:12:12 2001

Page 3

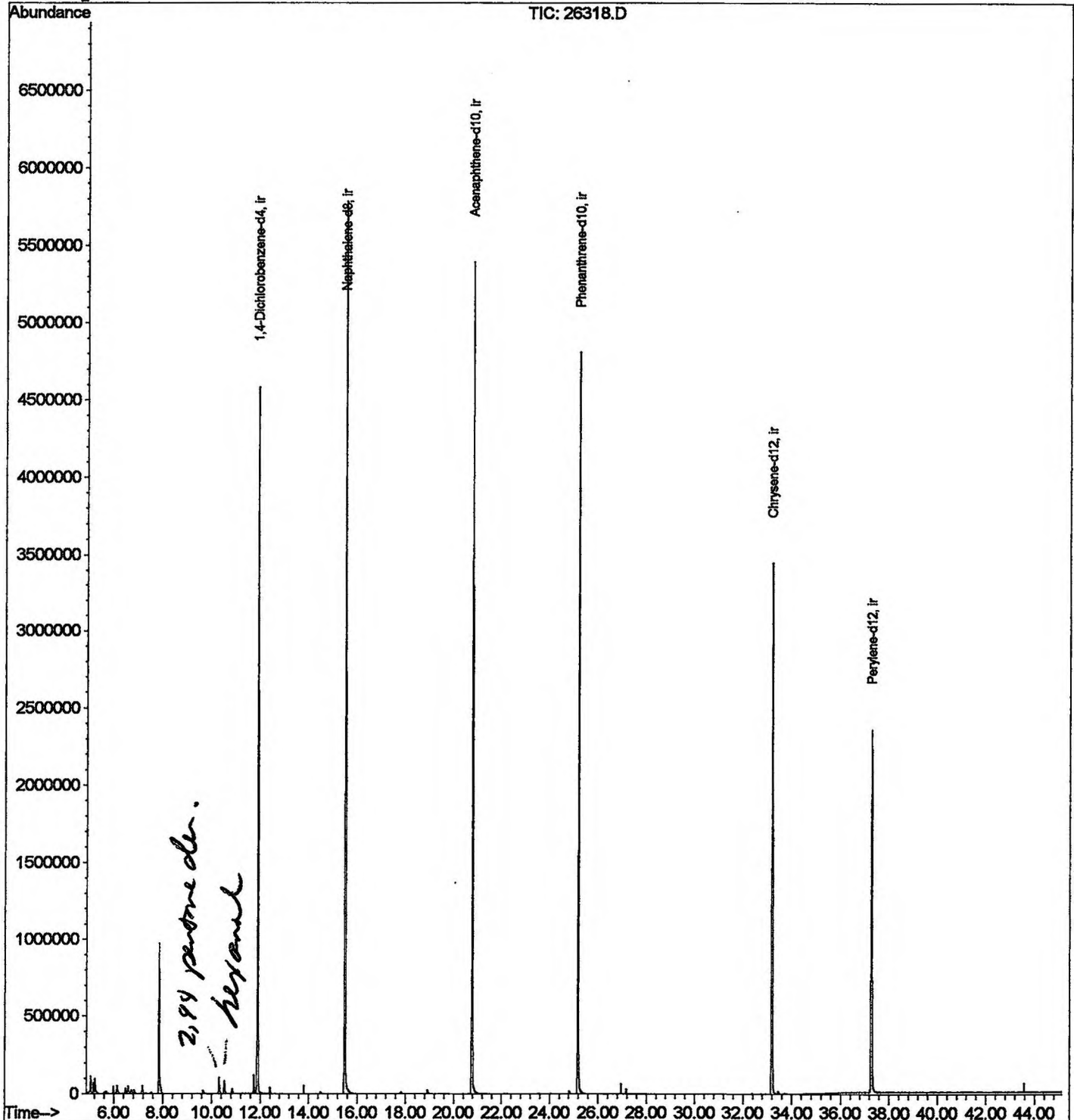
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26318.D
 Acq On : 1 Dec 2001 12:46 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 4 14:11 2001

Vial: 28
 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\26318.D
 Acq On : 1 Dec 2001 12:46 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

Vial: 28
 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
 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	5.035	15	21	31	rVB2	110530	226556	1.85%	0.368%
2	5.219	38	41	46	rVV	88518	153062	1.25%	0.249%
3	7.850	324	328	344	rVB	971487	1958161	15.97%	3.185%
4	10.317	593	597	603	rBV	105006	201434	1.64%	0.328%
5	10.528	616	620	628	rBV	84485	166110	1.35%	0.270%
6	11.748	748	753	761	rBV	119896	243391	1.99%	0.396%
7	11.885	763	768	783	rVV	4582246	9629295	78.54%	15.661%
8	15.498	1156	1162	1180	rBV	5782511	12259918	100.00%	19.939%
9	20.780	1731	1738	1755	rBV	5394933	11777631	96.07%	19.155%
10	25.191	2212	2219	2231	rBV2	4807001	10682474	87.13%	17.374%
11	33.187	3084	3091	3103	rBV2	3446364	7733746	63.08%	12.578%
12	37.277	3529	3537	3557	rBV2	2349092	6454773	52.65%	10.498%

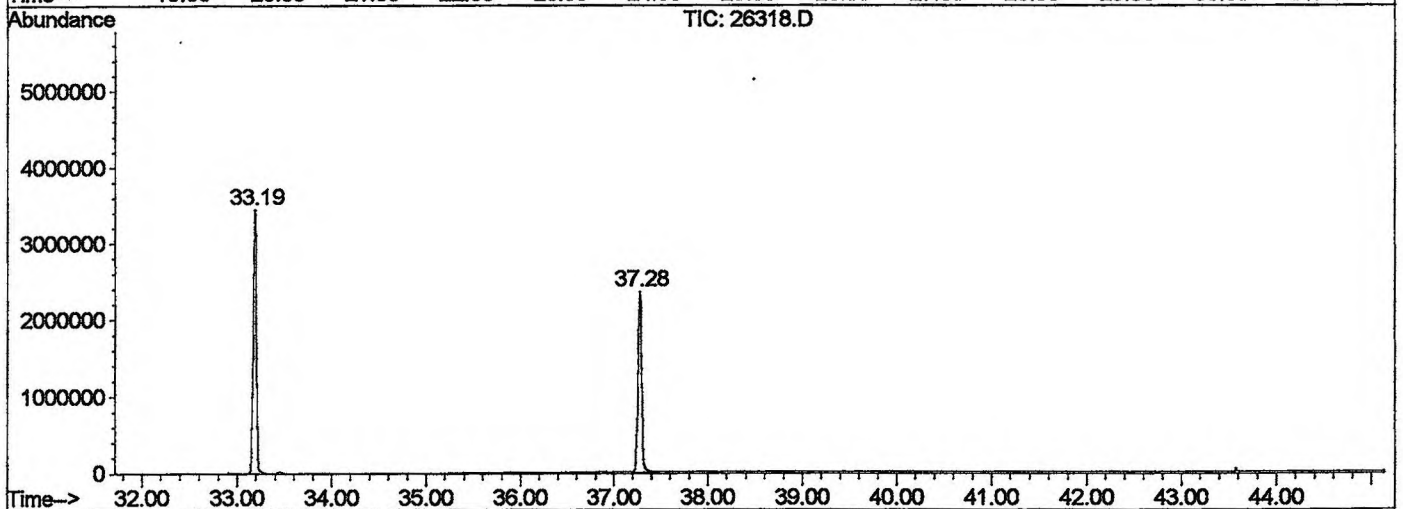
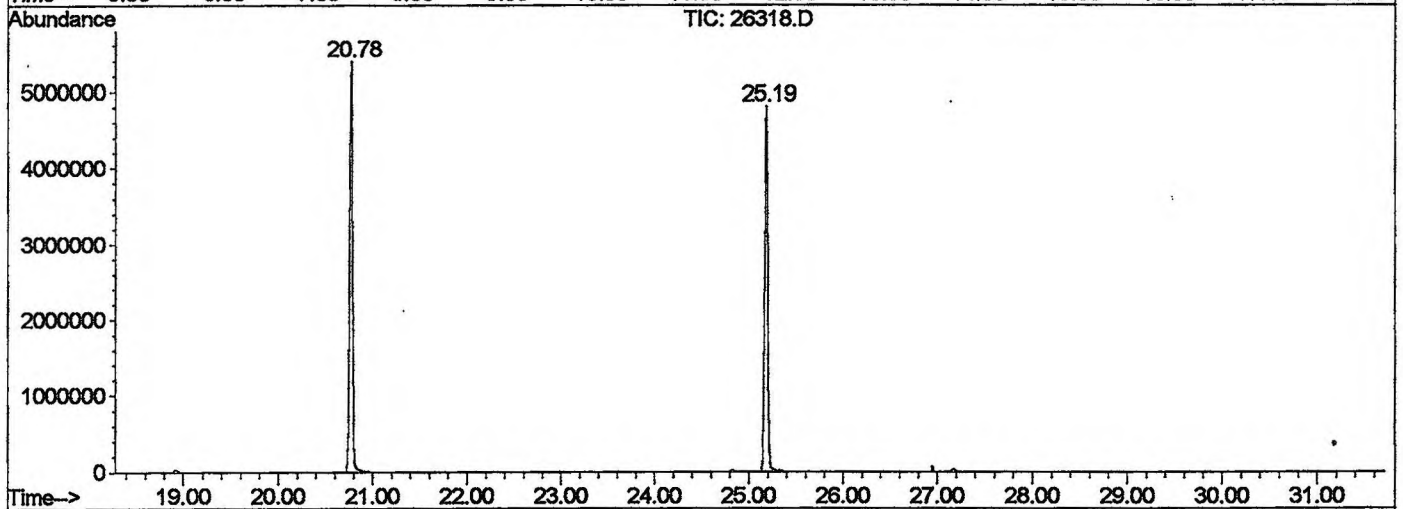
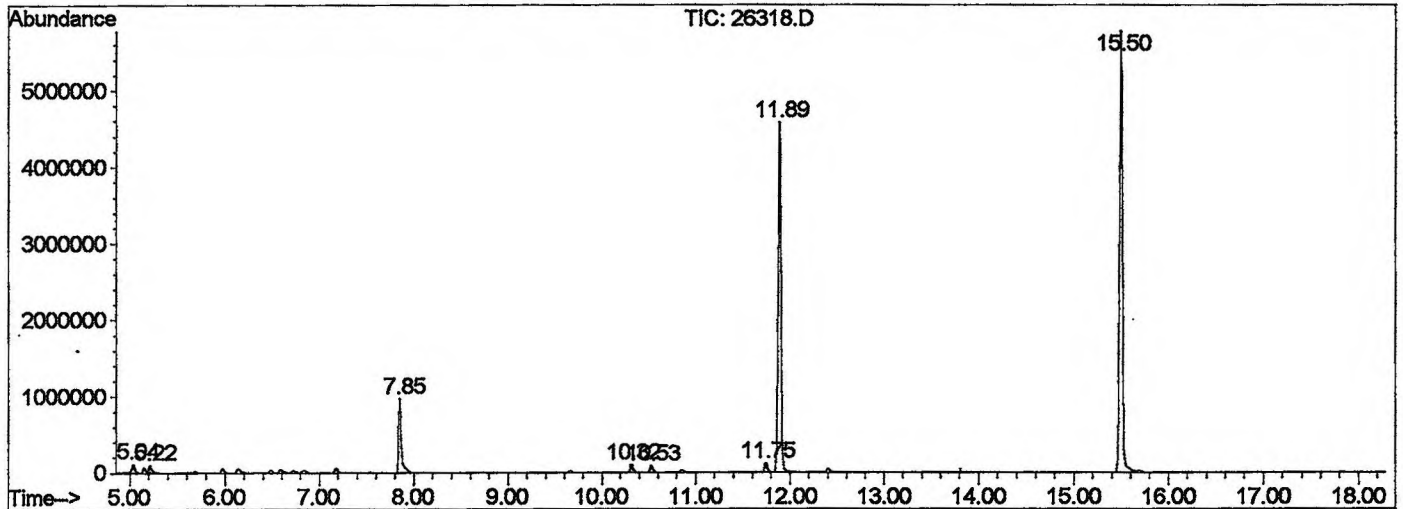
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26318.D NP112701.M

Tue Dec 04 10:12:38 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26318.D
 Operator : GALOS
 Acquired : 1 Dec 2001 12:46 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/3
 Misc Info :
 Vial Number: 28
 Quant File :NP112701.RES (RTE Integrator)



26318.D NP112701.M Tue Dec 04 10:12:39 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26318.D
 Acq On : 1 Dec 2001 12:46 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

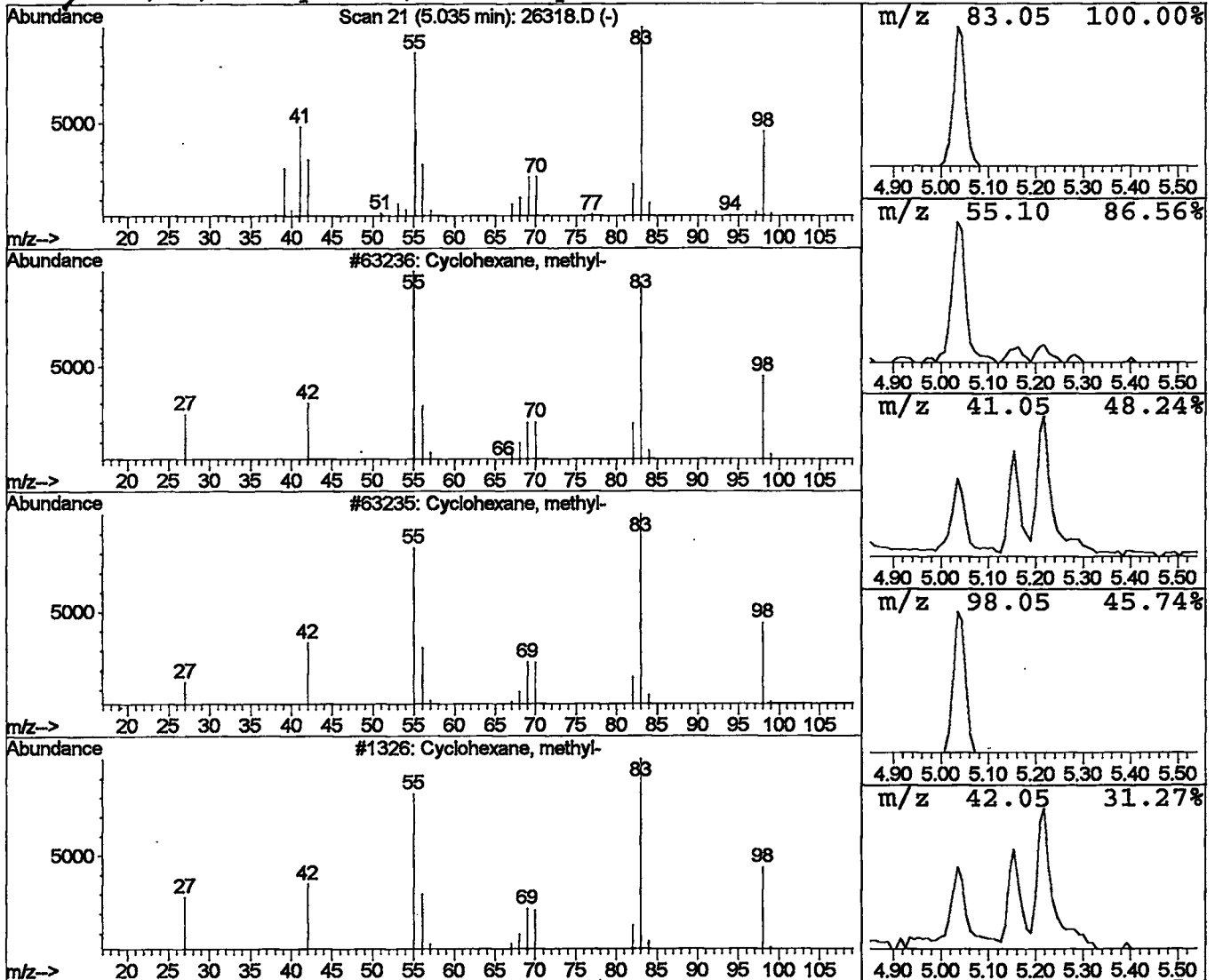
Vial: 28
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
5.04	0.47 ng/uL	226556	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	97
3			Cyclohexane, methyl-	98	C7H14	000108-87-2	96
4			Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26318.D
 Acq On : 1 Dec 2001 12:46 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

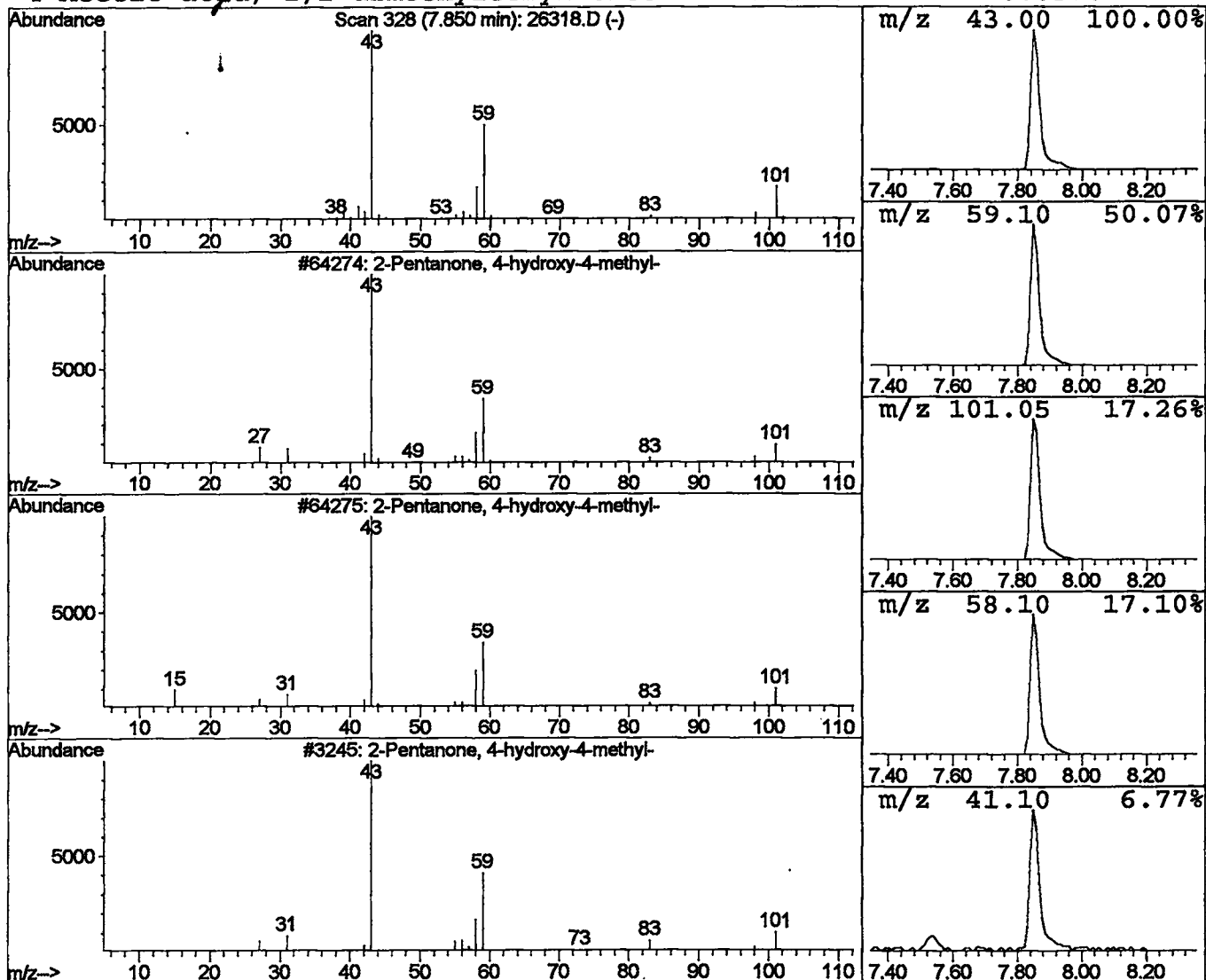
Vial: 28
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	4.07 ng/uL	1958160	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	59
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26318.D
 Acq On : 1 Dec 2001 12:46 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

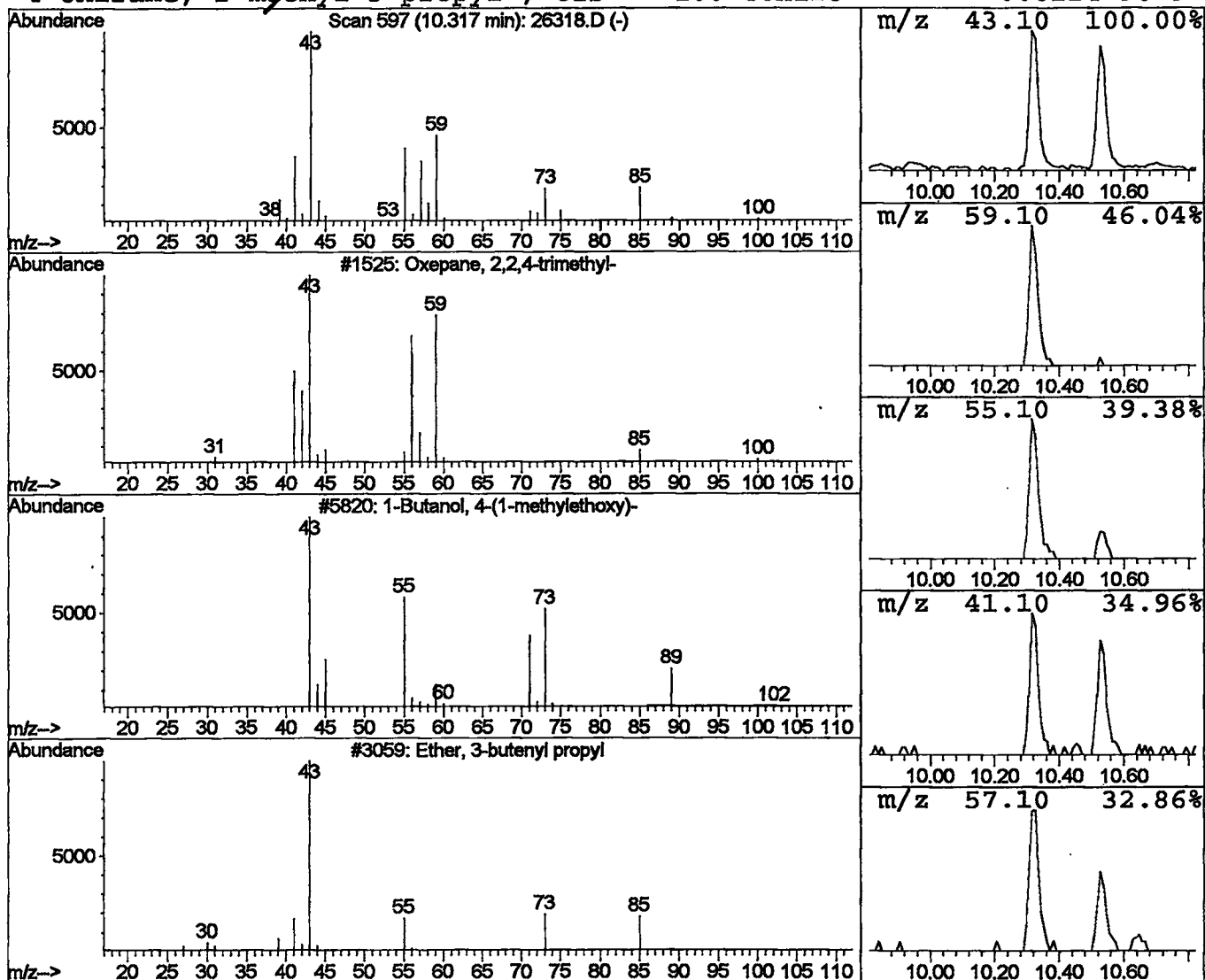
Vial: 28
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 3 Oxepane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	0.42 ng/uL	201434	1,4-Dichlorobenzene-d4	11.89

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Oxepane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	25
2		1-Butanol, 4-(1-methylethoxy)-	132	C7H16O2	031600-69-8	12
3		Ether, 3-butenyl propyl	114	C7H14O	034061-75-1	10
4		Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26318.D
 Acq On : 1 Dec 2001 12:46 pm
 Sample : gc/ms unknown 11/3
 Misc :
 MS Integration Params: LSCINT.P

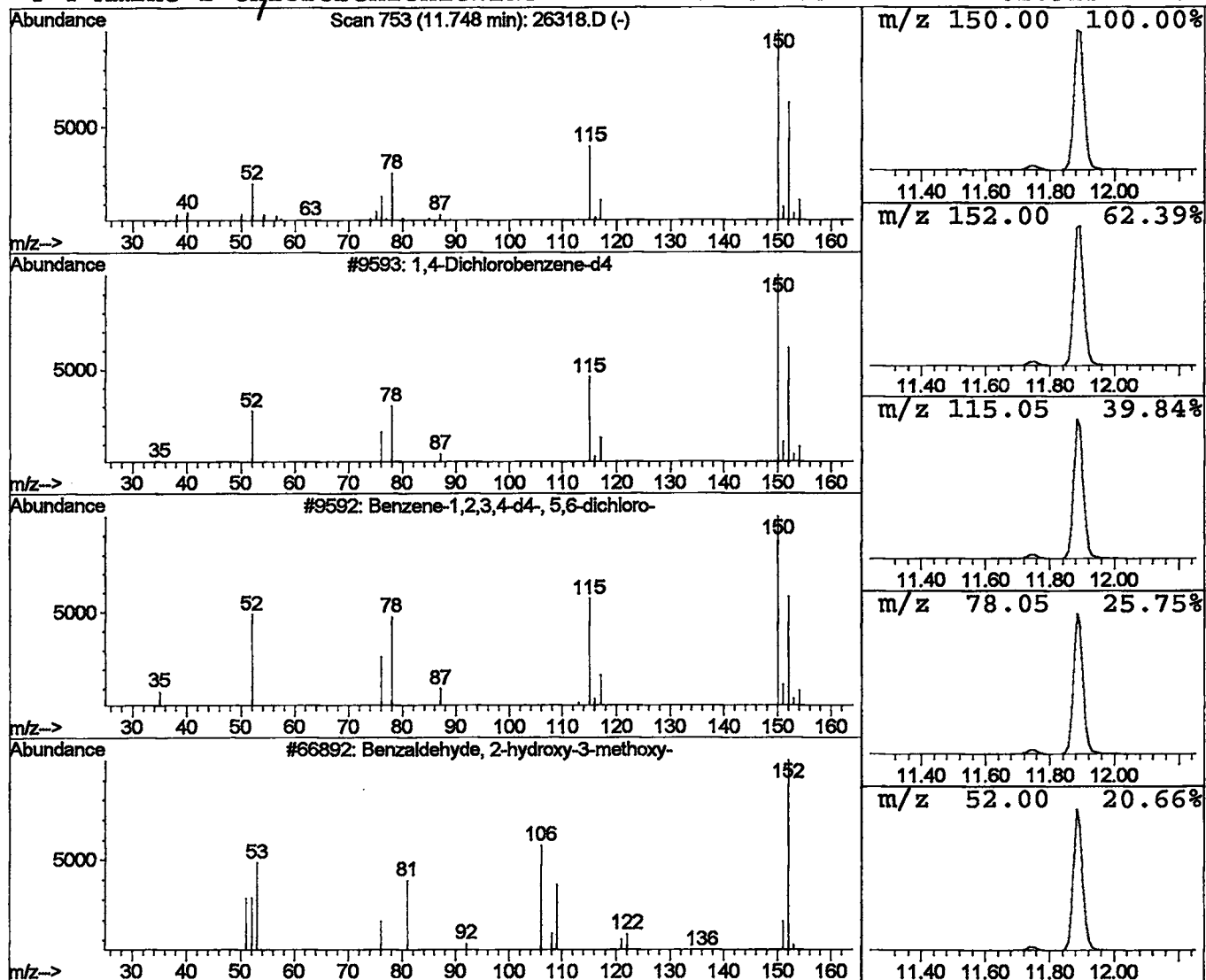
Vial: 28
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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	243391	1,4-Dichlorobenzene-d4	11.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			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			Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	35
4			4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	10



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 12:46 pm
 Data File: C:\HPCHEM\1\DATA\NOV3001\26318.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-	5.04	0.5	ng/uL	226556	ISTD01	11.89	9629300	20.0
2-Pentanone, 4-hydro	7.85	4.1	ng/uL	1958160	ISTD01	11.89	9629300	20.0
Oxepane, 2,2,4-trime	10.32	0.4	ng/uL	201434	ISTD01	11.89	9629300	20.0
1,4-Dichlorobenzene-	11.75	0.5	ng/uL	243391	ISTD01	11.89	9629300	20.0

26318.D NP112701.M Tue Dec 04 10:12:44 2001