User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 14:30:53

Sample: AD26252
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 14:30 Ended: 12/4/01 14:30 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26252 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-04-2001 Time: 14:31:07

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\26252.D Vial: 18
Acq On : 1 Dec 2001 3:40 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 15:25 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	1559576	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	6112751	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.78	164	2739949	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.19	188	4031952	20.00	ng/uL	-0.06
59) Chrysene-d12	33.19	240	2703068	20.00	ng/uL	-0.06
68) Perylene-d12	37.28	264	2042694	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	1450	0.01	ng/uL	0.47
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.40	152	15755	0.24	ng/uL	-0.06
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	4885	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

Quantitation Report (QT Reviewed)

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Acq On : 1 Dec 2001 3:40 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 15:25 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) Azobenzen/ 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	937	N.D.	
56) Anthracene	25.20	178	937	N.D.	
57) Di-n-butylphthalate	27.18	149	46657	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	6147	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.45	149	15700	N.D.	
67) Chrysene	33.19	228	6147	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26252.D Vial: 18
Acq On : 1 Dec 2001 3:40 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 15:25 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	6622	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.	

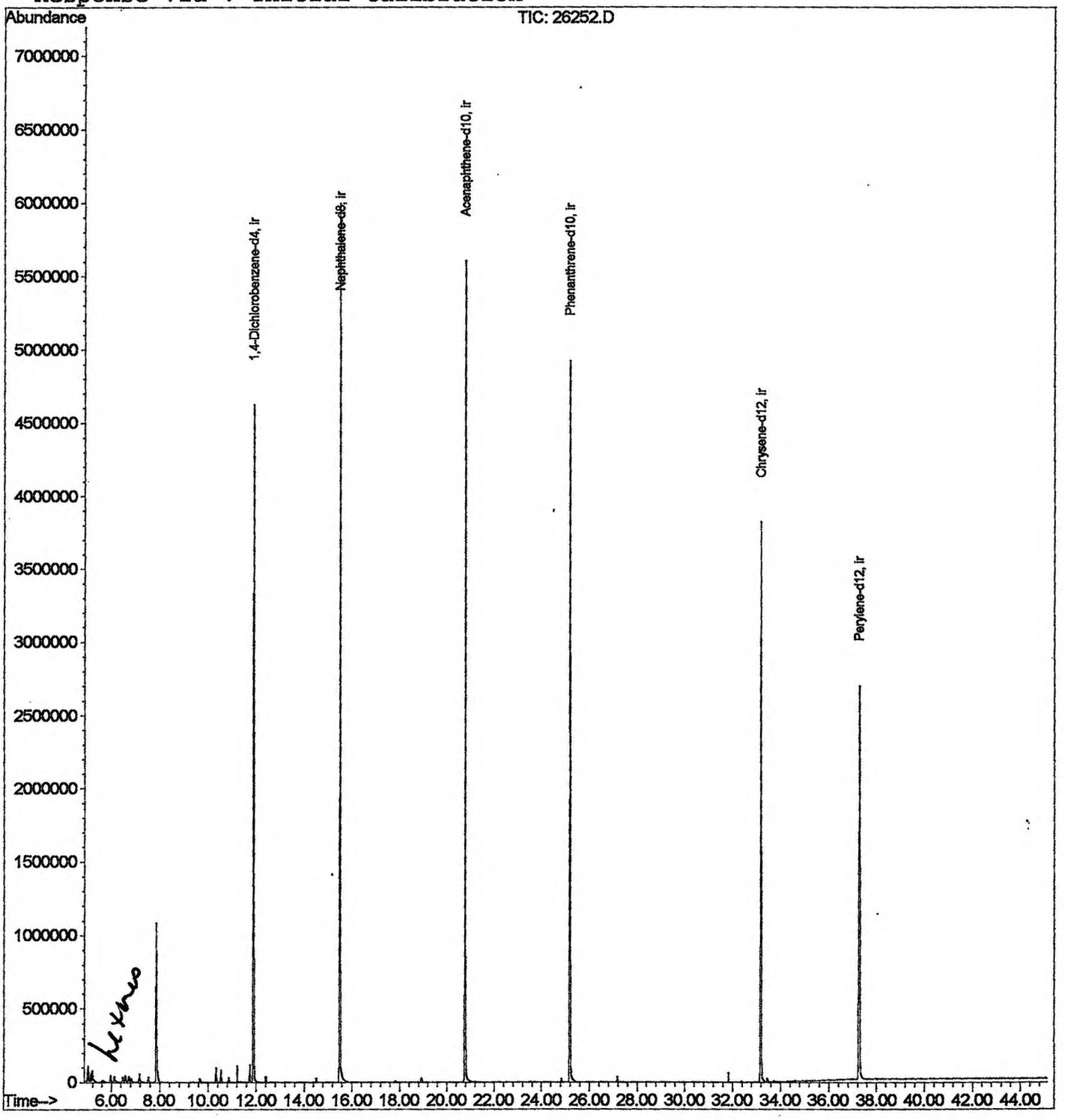
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26252.D
Acq On : 1 Dec 2001 3:40 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 3 15:25 2001

Vial: 18
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\26252.D Vial: 18
Acq On : 1 Dec 2001 3:40 am 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

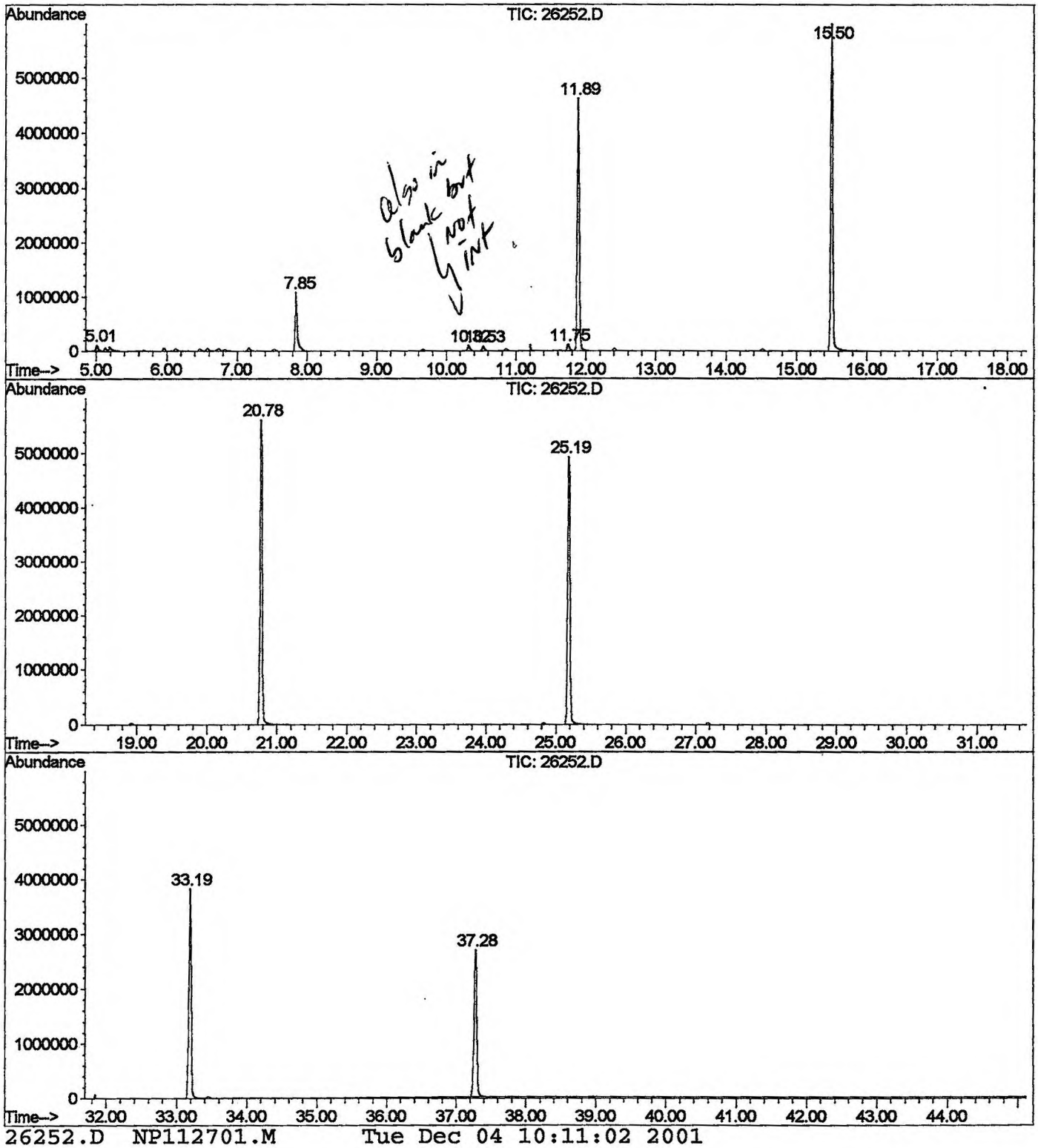
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.012	13	19	28	rBV2	105997	219314	1.80%	0.345%
2	7.846	324	328	346	rVB	1084926	2199530	18.03%	3.460%
3	10.322	593	598	607	rBV	99889	192754	1.58%	0.303%
4	10.533	616	621	630	rBV	84747	164477	1.35%	0.259%
5	11.752	749	754	760	rVB	118679	239880	1.97%	0.377%
6	11.890	763	769	788	rVV	4623143	9502920	77.89%	14.951%
7	15.503	1157	1163	1182	rBV	5997464	12200634	100.00%	19.195%
8	20.776	1732	1738	1757	rBV	5606461	11920939	97.71%	18.755%
9	25.187	2212	2219	2232	rBV2	4926343	10983143	90.02%	17.280%
10	33.192	3085	3092	3108	rBV2	3823104	8630532	70.74%	13.578%
11	37.282	3530	3538	3553	rBV2	2679698	7306985	59.89%	11.496%

Sum of corrected areas: 63561108

26252.D NP112701.M Tue Dec 04 10:11:01 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26252.D
Operator : GALOS
Acquired : 1 Dec 2001 3:40 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 18
Quant File :NP112701.RES (RTE Integrator)



26252.D NP112701.M Tue Dec 04 10:11:02 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26252.D
Acq On : 1 Dec 2001 3:40 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

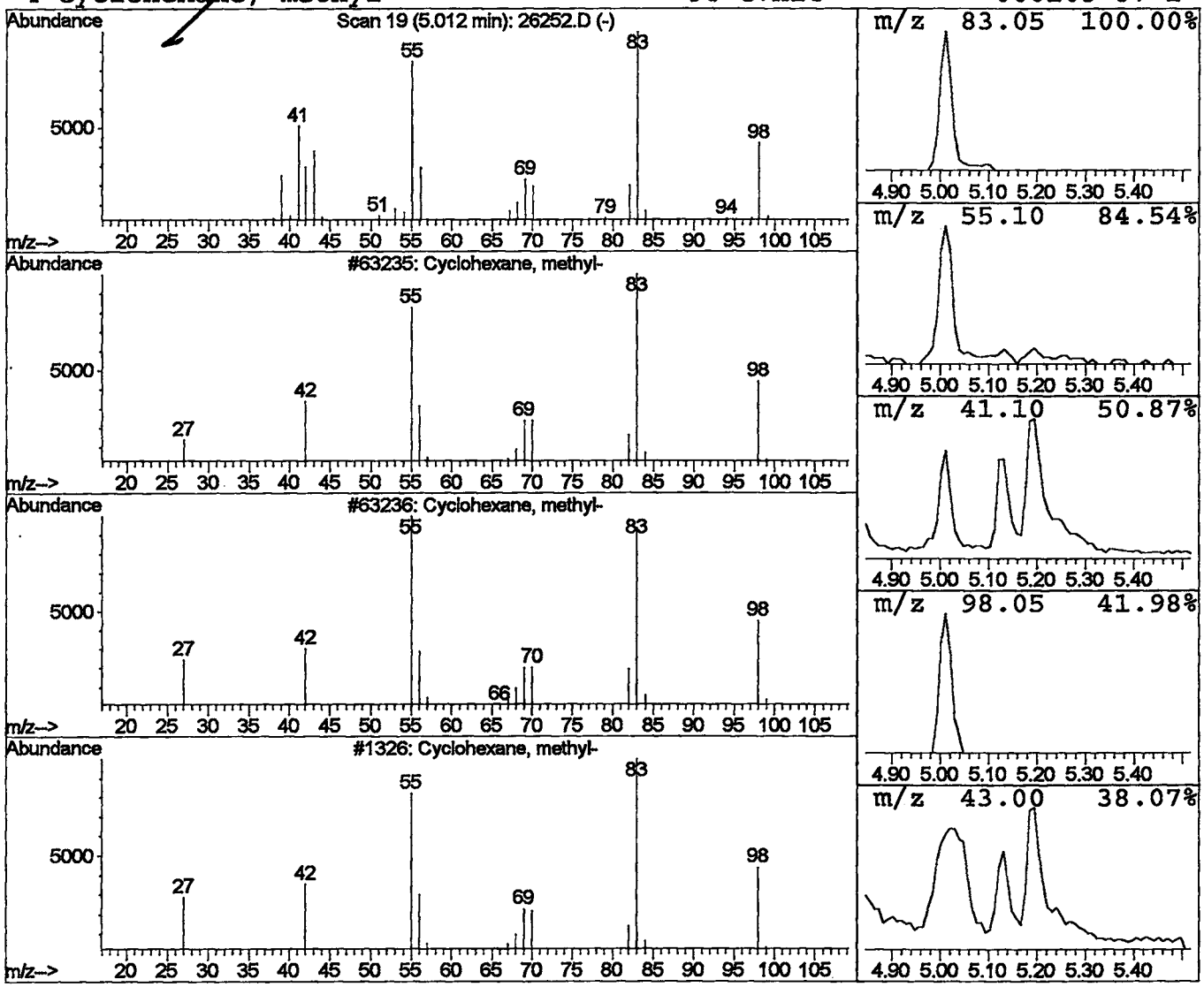
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.46 ng/uL	219314	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	95
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	94
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26252.D
Acq On : 1 Dec 2001 3:40 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

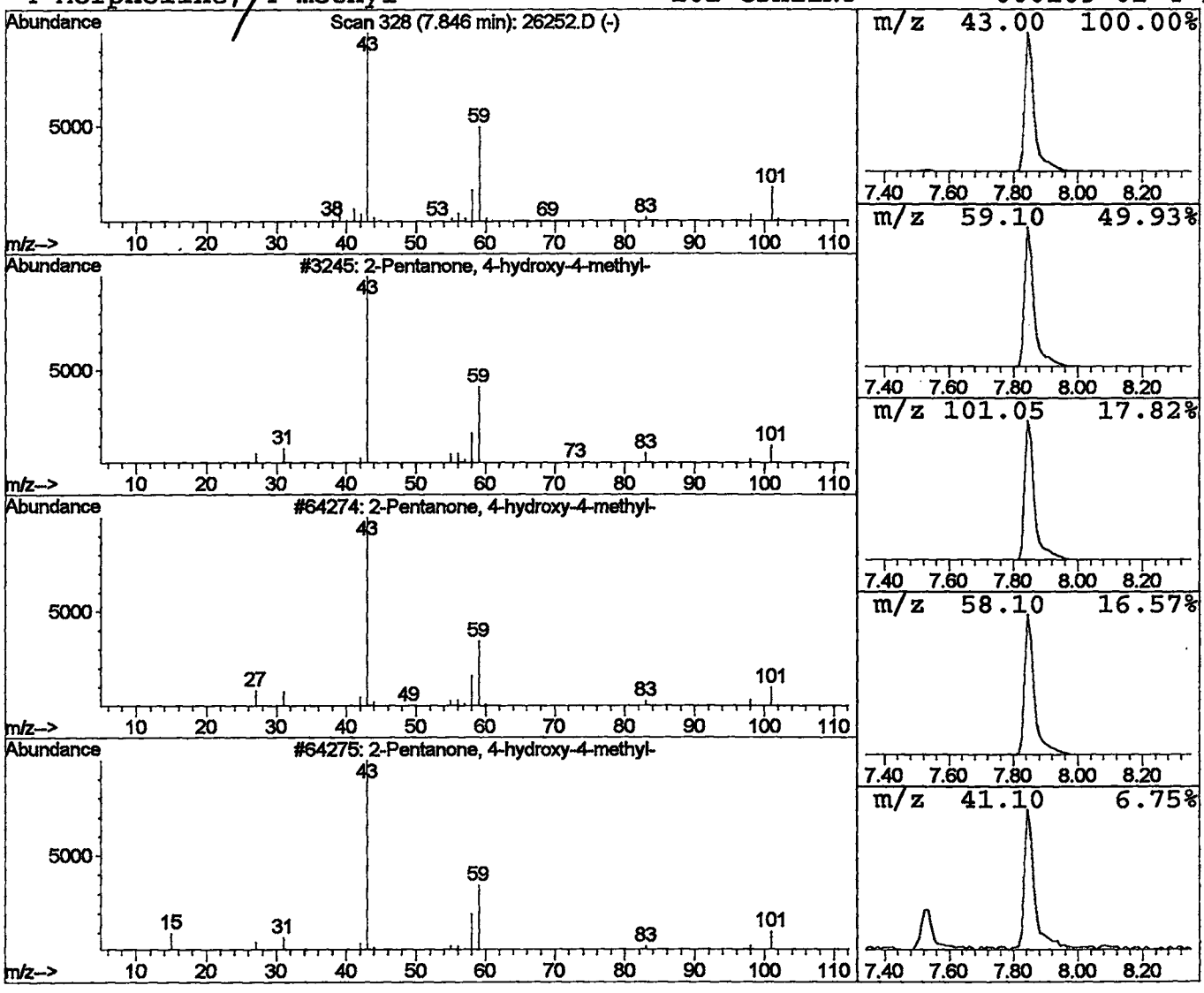
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	4.63 ng/uL	2199530	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	36
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26252.D
Acq On : 1 Dec 2001 3:40 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

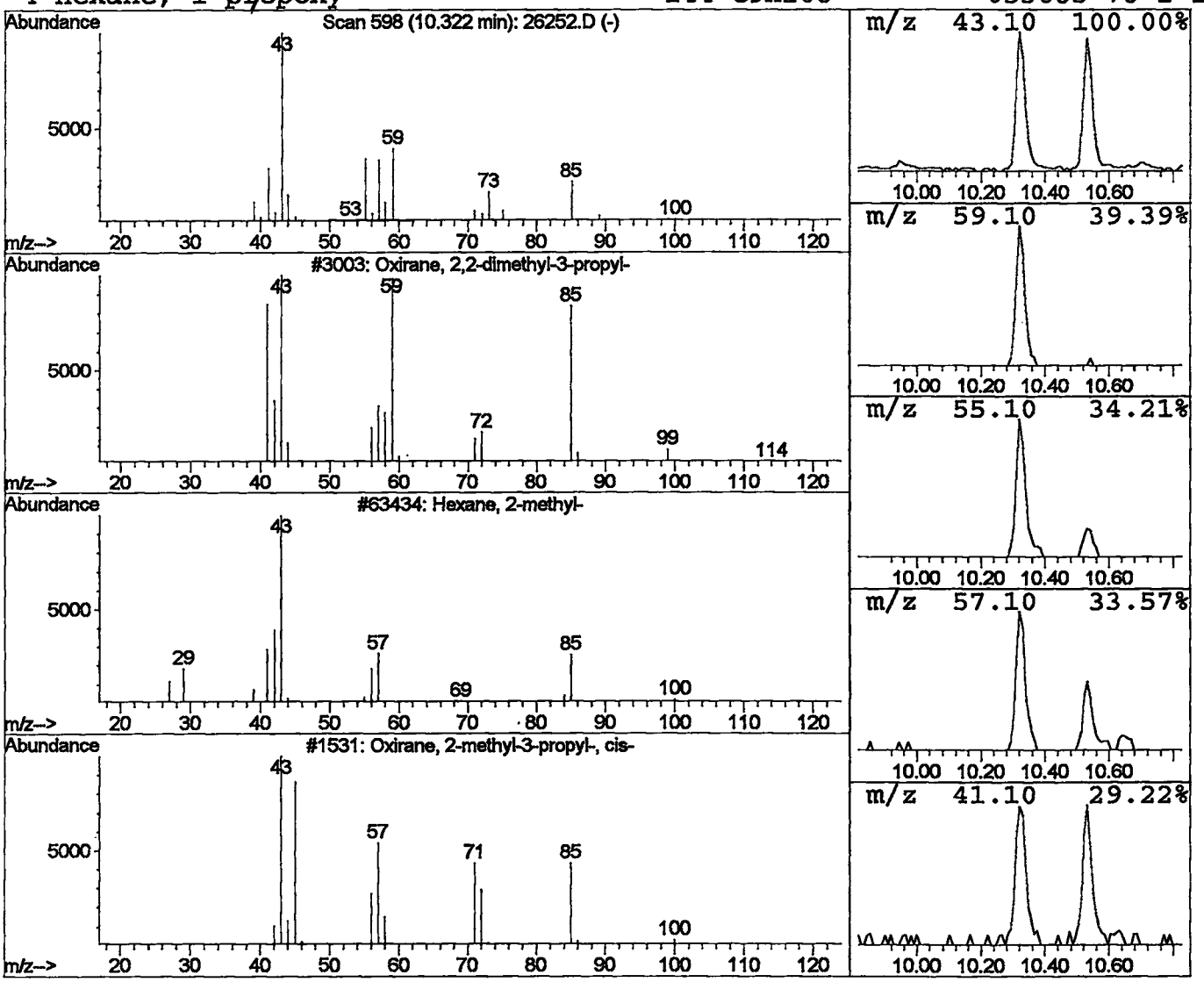
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	0.41 ng/uL	192754	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	32
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	22
3	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	12
4	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26252.D
Acq On : 1 Dec 2001 3:40 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 18
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

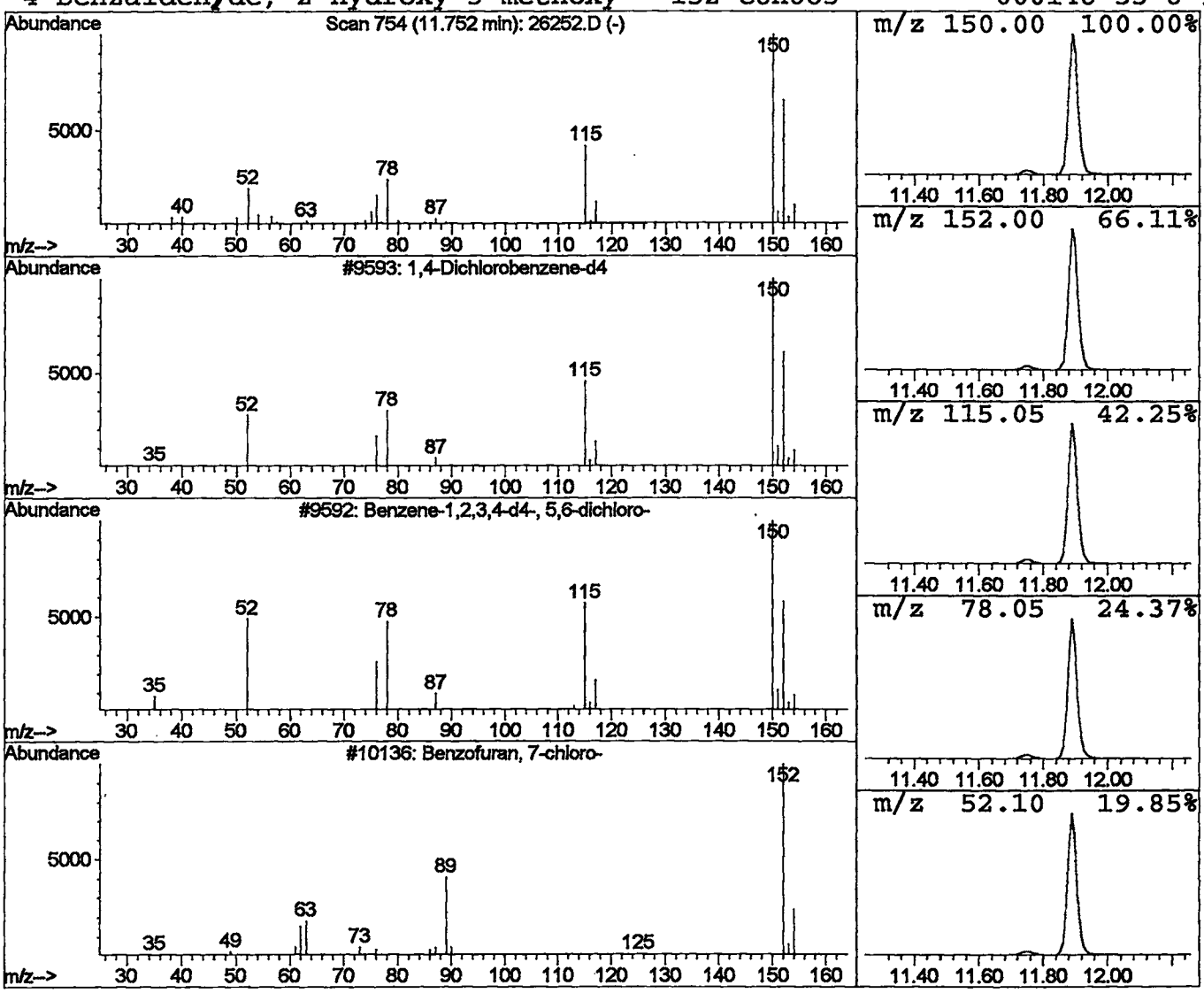
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.75	0.50 ng/uL	239880	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	95
2	Benzene-1,2,3,4-d4-, 5,6-dichloro-	150	C6Cl2D4	002199-69-1	53
3	Benzofuran, 7-chloro-	152	C8H5ClO	024410-55-7	9
4	Benzaldehyde, 2-hydroxy-3-methoxy-	152	C8H8O3	000148-53-8	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 3:40 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26252.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-	5.01	0.5	ng/uL	219314	ISTD01	11.89	9502920	20.0
2-Pentanone, 4-hydro	7.85	4.6	ng/uL	2199530	ISTD01	11.89	9502920	20.0
Oxirane, 2,2-dimethy	10.32	0.4	ng/uL	192754	ISTD01	11.89	9502920	20.0
1,4-Dichlorobenzene-	11.75	0.5	ng/uL	239880	ISTD01	11.89	9502920	20.0

26252.D NP112701.M Tue Dec 04 10:11:06 2001