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

Sample: AD26474
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 15:14 Ended: 12/4/01 15:14 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26474 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-04-2001 Time: 15:15:41

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.

(QT Reviewed)

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26474.D
Acq On : 30 Nov 2001 6:35 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 3 14:54 2001

Vial: 8
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	11.89	152	1602448	20.00 ng/uL	-0.05
19) Naphthalene-d8	15.50	136	6302486	20.00 ng/uL	-0.05
31) Acenaphthene-d10	20.78	164	2840919	20.00 ng/uL	-0.05
49) Phenanthrene-d10	25.19	188	4068080	20.00 ng/uL	-0.05
59) Chrysene-d12	33.19	240	2553033	20.00 ng/uL	-0.05
68) Perylene-d12	37.28	264	1861467	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	11.89	132	1408	0.01 ng/uL	0.47
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#	
7) 1,2-Dichlorobenzene-d4	12.40	152	16545	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	18.92	172	5572	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.	

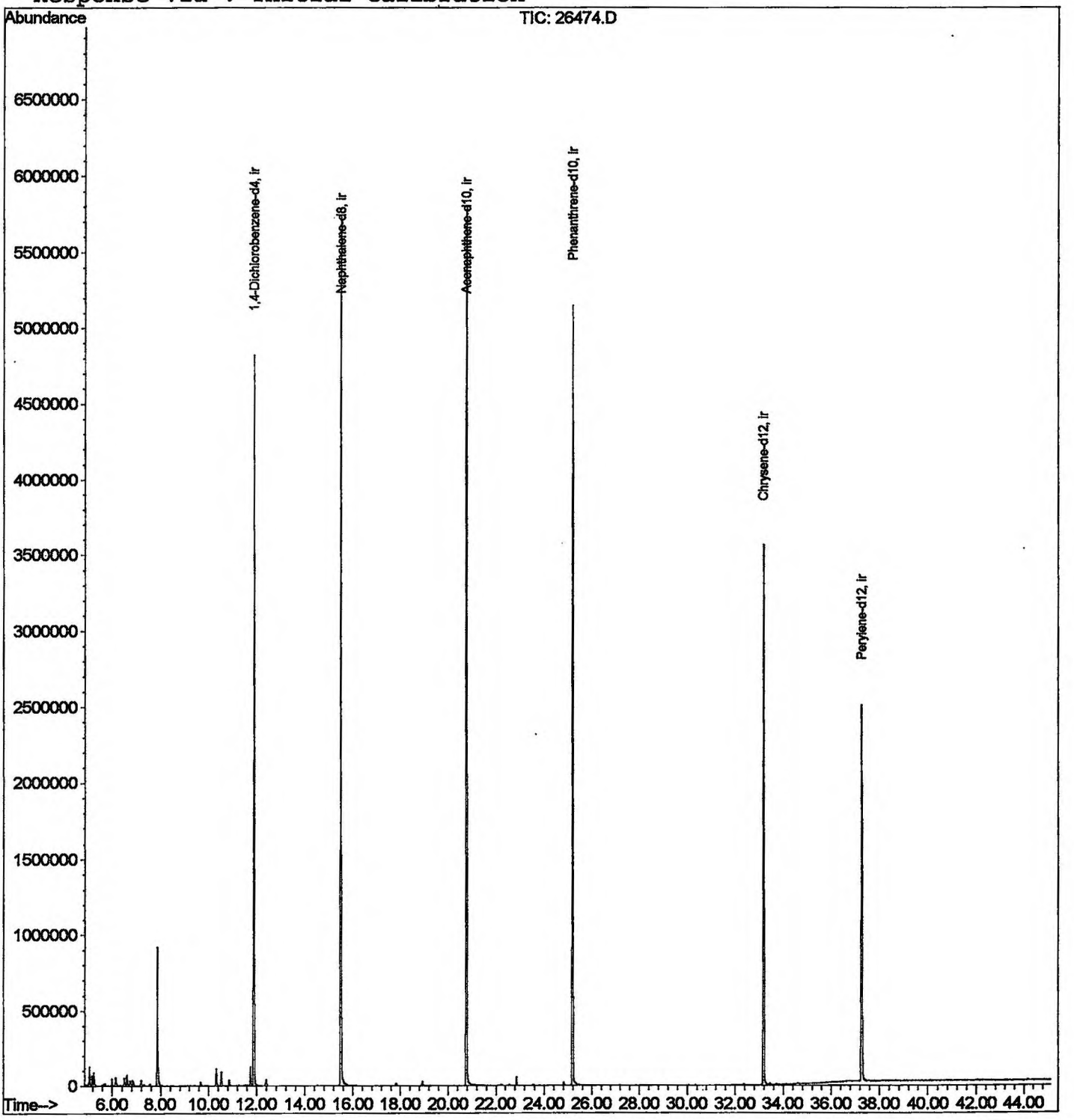
(#) = qualifier out of range (m) = manual integration
26474.D 112701.M Tue Dec 04 08:23:29 2001

2

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26474.D Vial: 8
Acq On : 30 Nov 2001 6:35 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 14:54 2001 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\26474.D Vial: 8
Acq On : 30 Nov 2001 6:35 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

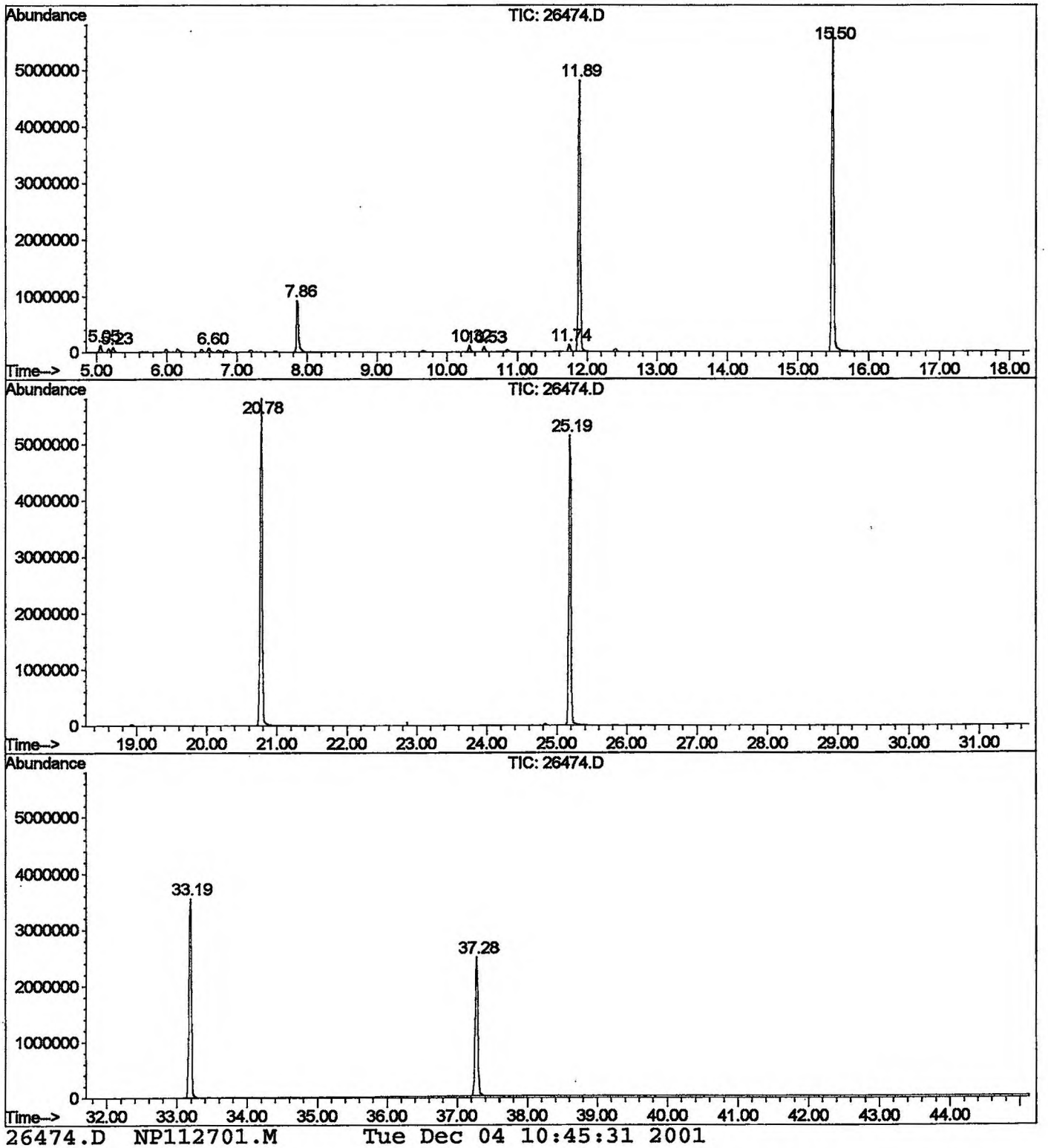
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.050	18	23	32	rVB	121697	247631	1.96%	0.389%
2	5.234	40	43	48	rVV	79450	130950	1.03%	0.206%
3	6.600	187	192	202	rVV	72931	156699	1.24%	0.246%
4	7.856	325	329	342	rBV	919307	1861713	14.71%	2.925%
5	10.323	593	598	606	rBV	115219	206226	1.63%	0.324%
6	10.534	616	621	628	rBV	91974	175152	1.38%	0.275%
7	11.744	748	753	760	rBV	126855	252557	2.00%	0.397%
8	11.891	763	769	783	rVB	4817981	9752666	77.04%	15.324%
9	15.504	1156	1163	1179	rBV	5733346	12658773	100.00%	19.890%
10	20.777	1731	1738	1755	rBV	5808100	12269832	96.93%	19.279%
11	25.188	2212	2219	2232	rBV2	5150273	11068985	87.44%	17.392%
12	33.193	3085	3092	3105	rBV2	3557438	8167015	64.52%	12.832%
13	37.283	3529	3538	3549	rBV2	2479645	6695898	52.90%	10.521%

Sum of corrected areas: 63644097

26474.D NP112701.M Tue Dec 04 10:45:31 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26474.D
Operator : GALOS
Acquired : 30 Nov 2001 6:35 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 8
Quant File :NP112701.RES (RTE Integrator)



26474.D NP112701.M Tue Dec 04 10:45:31 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26474.D
Acq On : 30 Nov 2001 6:35 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

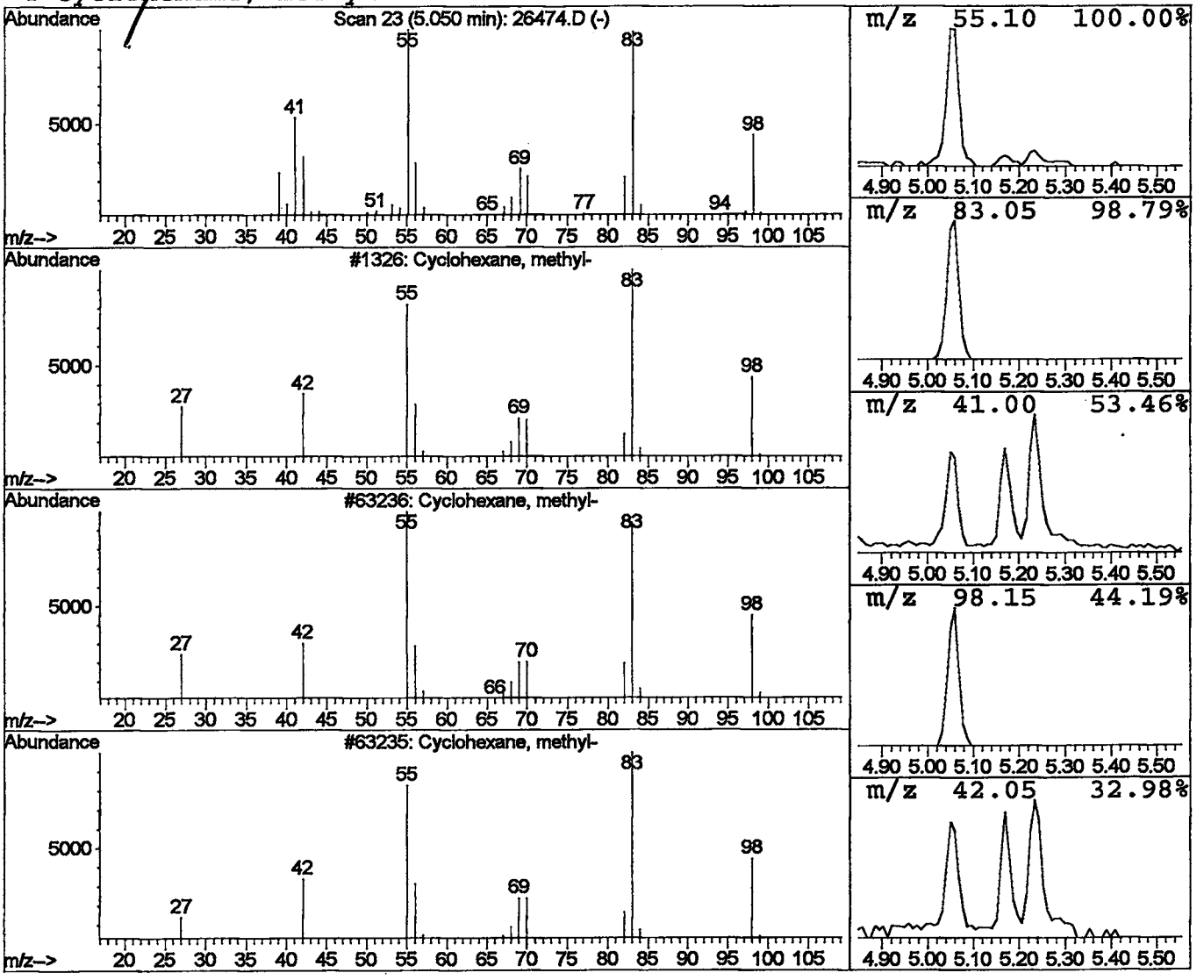
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	0.51 ng/uL	247631	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	93
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	60



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26474.D
Acq On : 30 Nov 2001 6:35 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

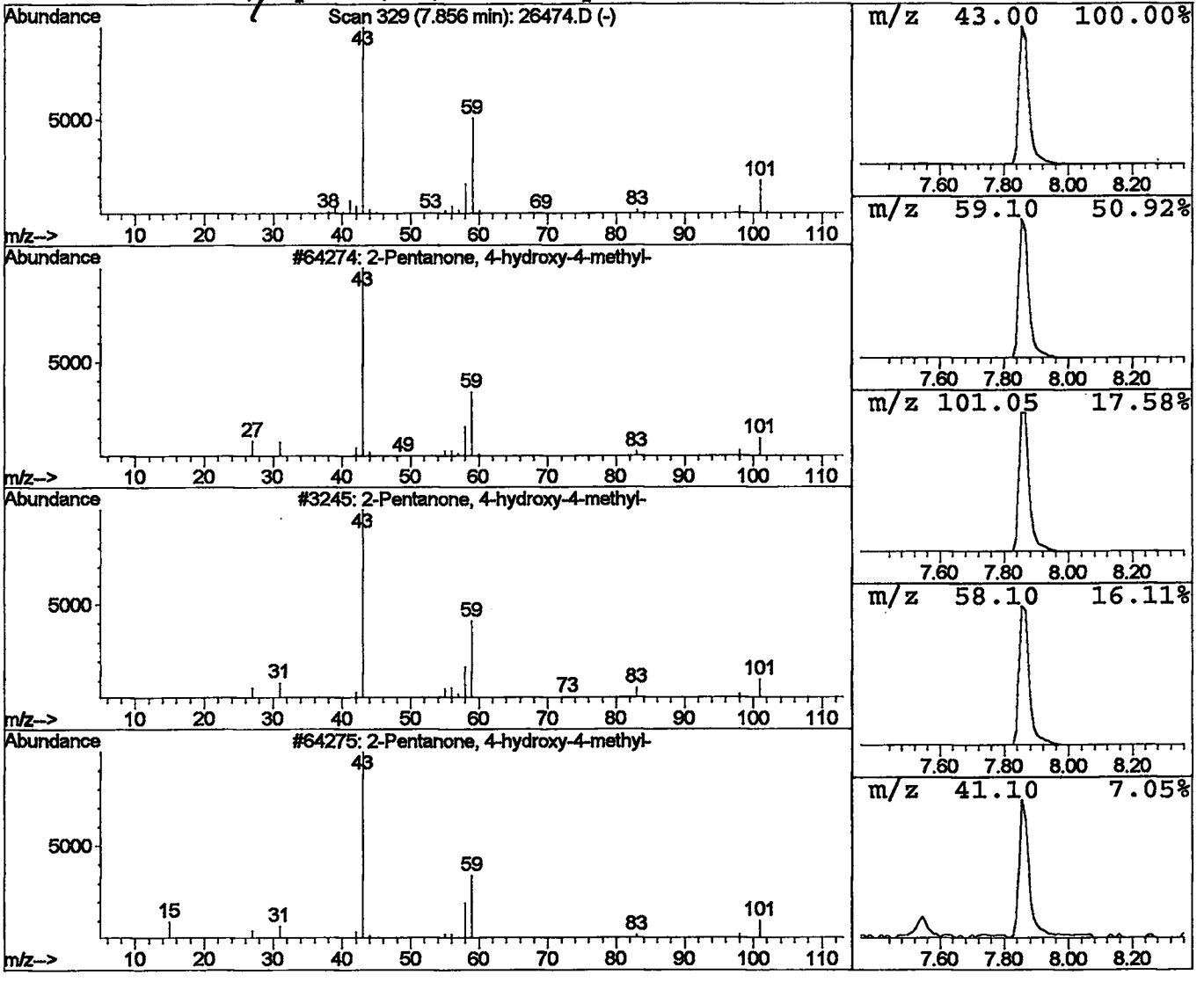
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.82 ng/uL	1861710	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	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
4	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26474.D
Acq On : 30 Nov 2001 6:35 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

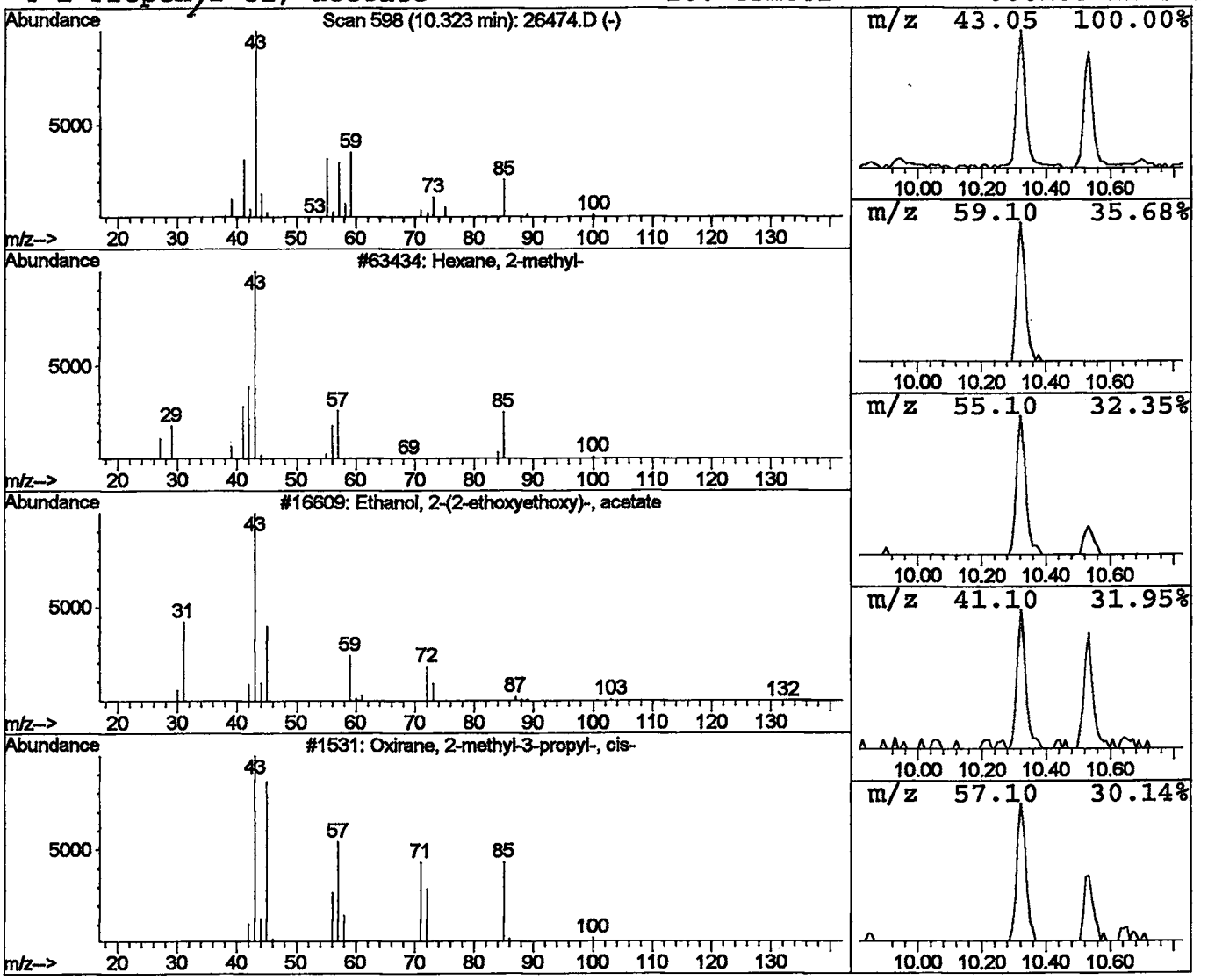
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Hexane, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	0.42 ng/uL	206226	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	35
2	Ethanol, 2-(2-ethoxyethoxy)-, aceta	176	C8H16O4	000112-15-2	28
3	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	12
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26474.D
Acq On : 30 Nov 2001 6:35 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

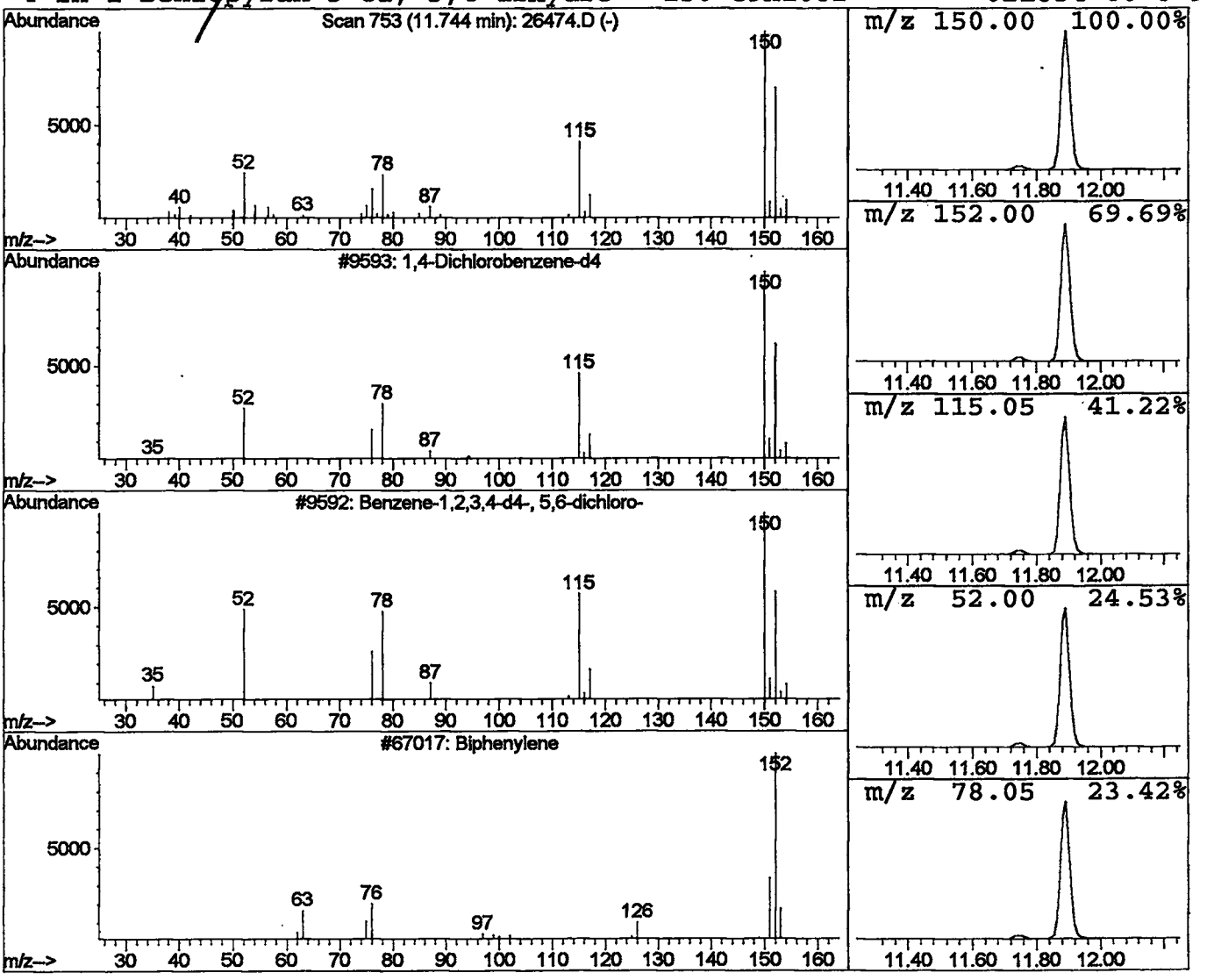
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	0.52 ng/uL	252557	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	64
3	Biphenylene	152	C12H8	000259-79-0	9
4	2H-1-Benzopyran-3-ol, 3,4-dihydro-	150	C9H10O2	021834-60-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 30 Nov 2001 6:35 pm
Data File: C:\HPCHEM\1\DATA\NOV3001\26474.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	247631	ISTD01	11.89	9752670	20.0
2-Pentanone, 4-hydro	7.86	3.8	ng/uL	1861710	ISTD01	11.89	9752670	20.0
Hexane, 2-methyl-	10.32	0.4	ng/uL	206226	ISTD01	11.89	9752670	20.0
1,4-Dichlorobenzene-	11.74	0.5	ng/uL	252557	ISTD01	11.89	9752670	20.0

26474.D NP112701.M Tue Dec 04 10:45:34 2001