User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 15:30:52

Sample: AD26434
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 15:30 Ended: 12/4/01 15:30 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26434 - Analysis $GCMS

Vestchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-04-2001 Time: 15:31:03

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\26434.D Vial: 22
Acq On : 1 Dec 2001 7:18 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 4 14:22 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	1587393	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	6283092	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	2890121	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	4278899	20.00	ng/uL	-0.06
59) Chrysene-d12	33.19	240	2777578	20.00	ng/uL	-0.06
68) Perylene-d12	37.28	264	2110742	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	11.88	132	1494	0.01	ng/uL	0.45
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,-Dichlorobenzene-d4	12.41	152	16048	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	5614	0.03	ng/uL	0.10
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.06%#		
33) 2,6-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	5.05	79	335	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-Nitroso-di-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.		

) = outer out of range (m) = manual integration
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RMP 2-3,4

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26434.D Vial: 22
Acq On : 1 Dec 2001 7:18 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	5.055	16	23	29	rVB	122250	222269	1.76%	0.341%
2	7.861	325	329	341	rVB	741528	1544892	12.23%	2.367%
3	10.319	591	597	602	rBV	111019	200708	1.59%	0.308%
4	10.530	614	620	629	rBV	98206	185997	1.47%	0.285%
5	11.740	748	752	758	rVB	123519	244388	1.94%	0.374%
6	11.887	762	768	783	rVV	4765460	9611003	76.10%	14.727%
7	15.500	1155	1162	1179	rBV	5869103	12629610	100.00%	19.353%
8	20.772	1730	1737	1758	rBV	5829979	12537361	99.27%	19.211%
9	25.183	2212	2218	2230	rBV2	5147918	11617577	91.99%	17.802%
10	33.189	3084	3091	3104	rBV2	3925912	8865415	70.20%	13.585%
11	37.279	3528	3537	3551	rBV2	2711752	7600575	60.18%	11.647%

Sum of corrected areas: 65259795

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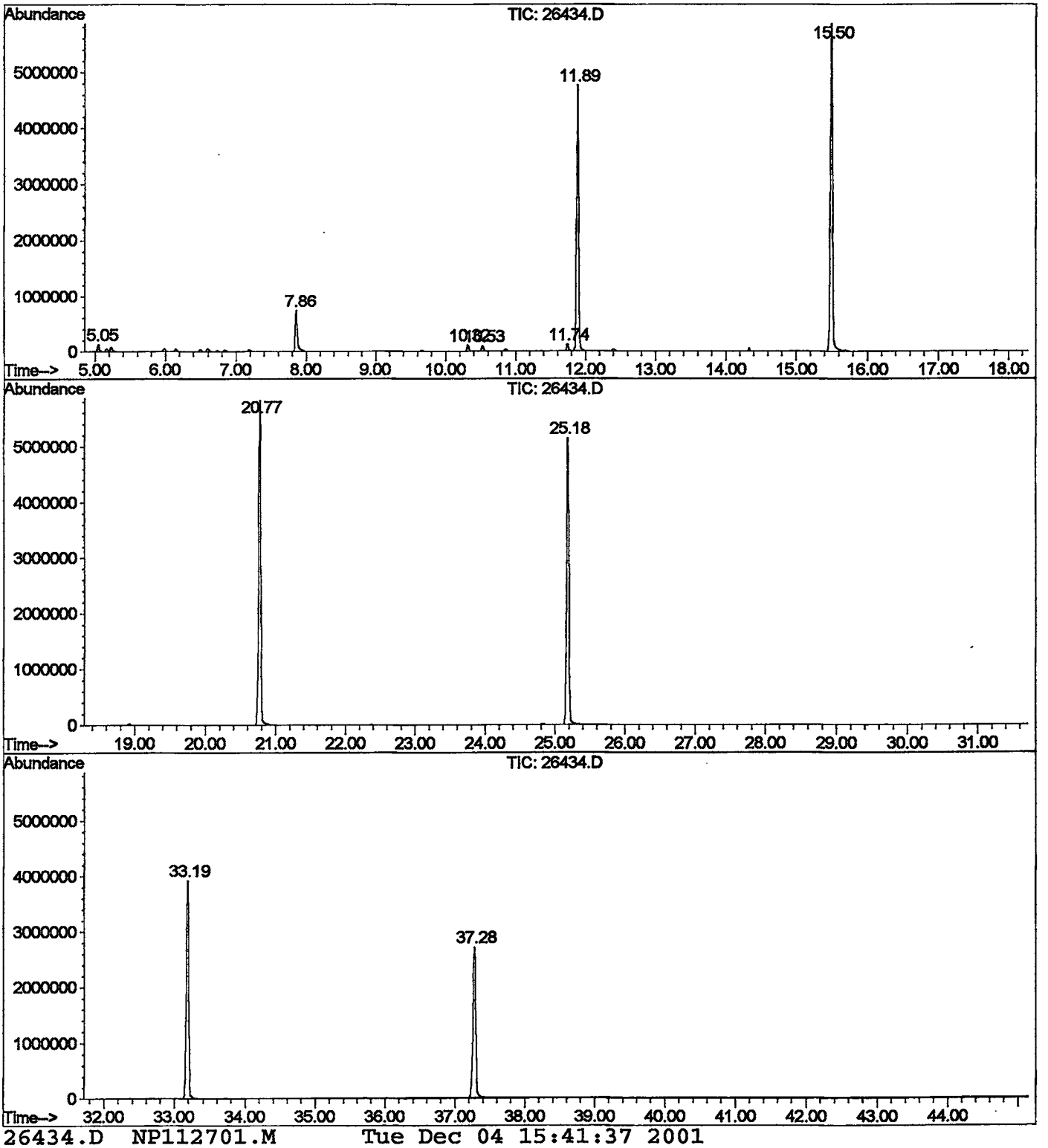
LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26434.D
Operator : GALOS
Acquired : 1 Dec 2001 7:18 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 22
Quant File :NP112701.RES (RTE Integrator)



26434.D NP112701.M Tue Dec 04 15:41:37 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26434.D
Acq On : 1 Dec 2001 7:18 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 22
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

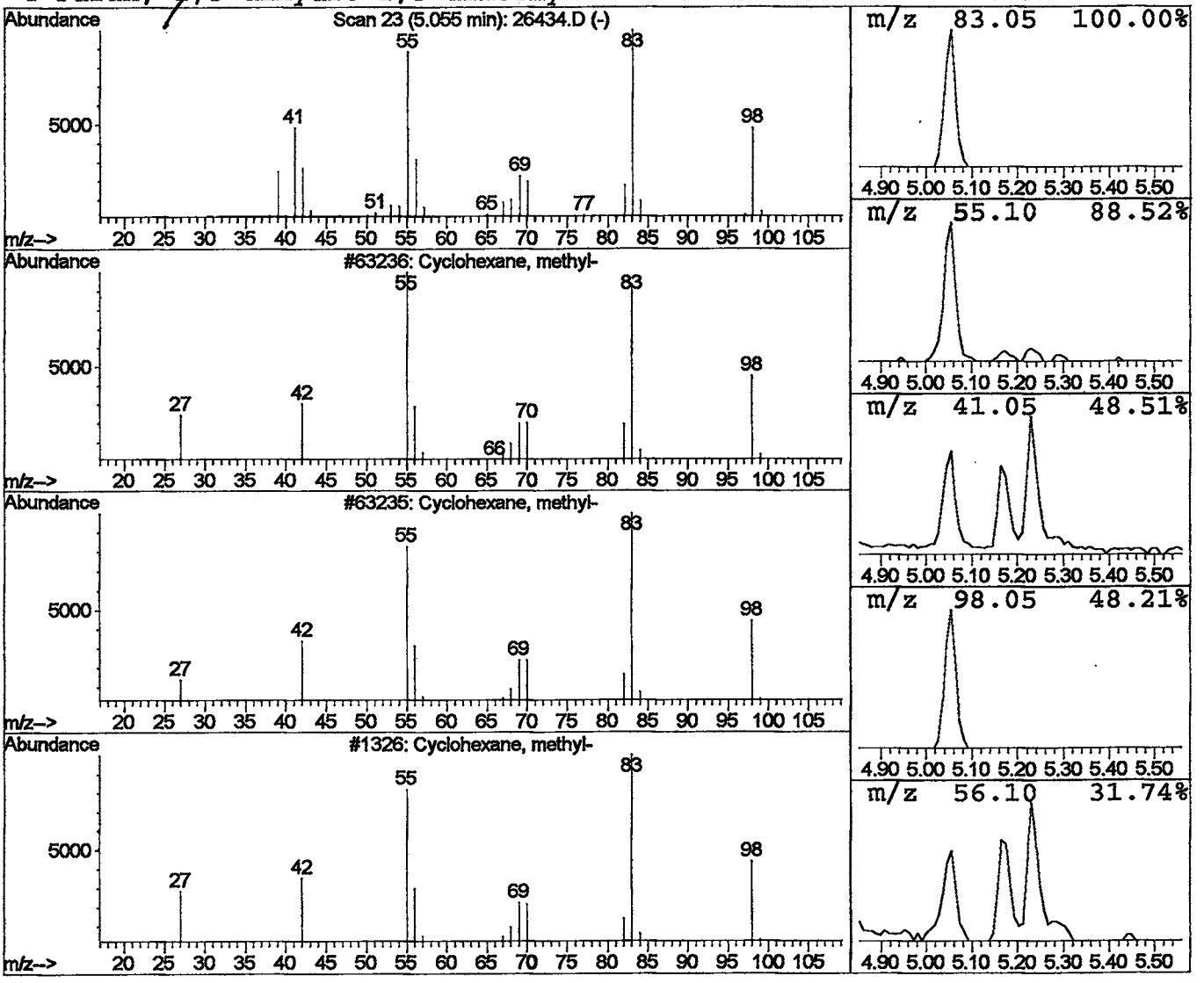
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	0.46 ng/uL	222269	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	94
4	Furan, 2,5-dihydro-2,5-dimethyl-	98	C6H10O	059242-27-2	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26434.D Vial: 22
Acq On : 1 Dec 2001 7:18 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

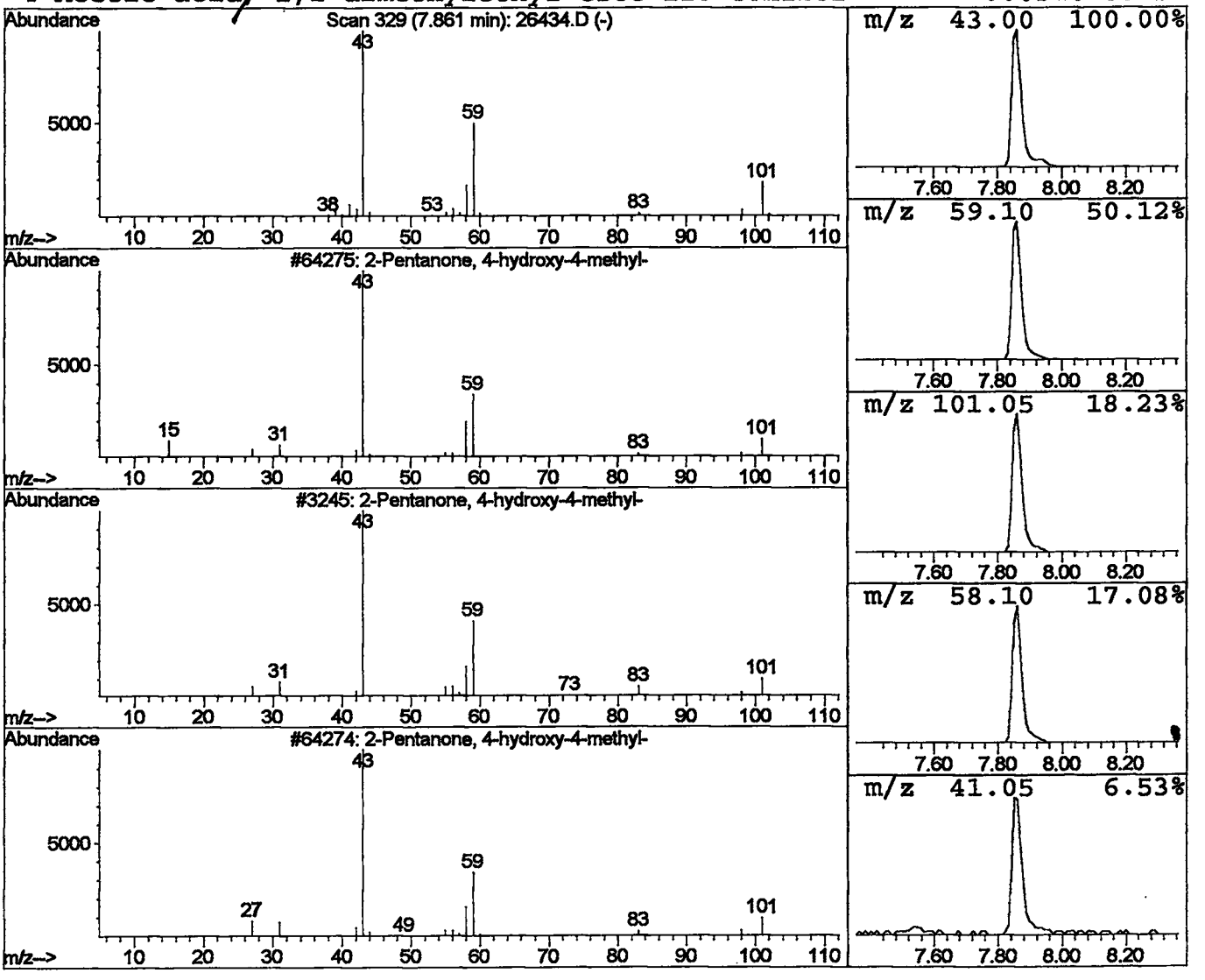
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	3.21 ng/uL	1544890	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	53
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	42
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26434.D Vial: 22
Acq On : 1 Dec 2001 7:18 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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

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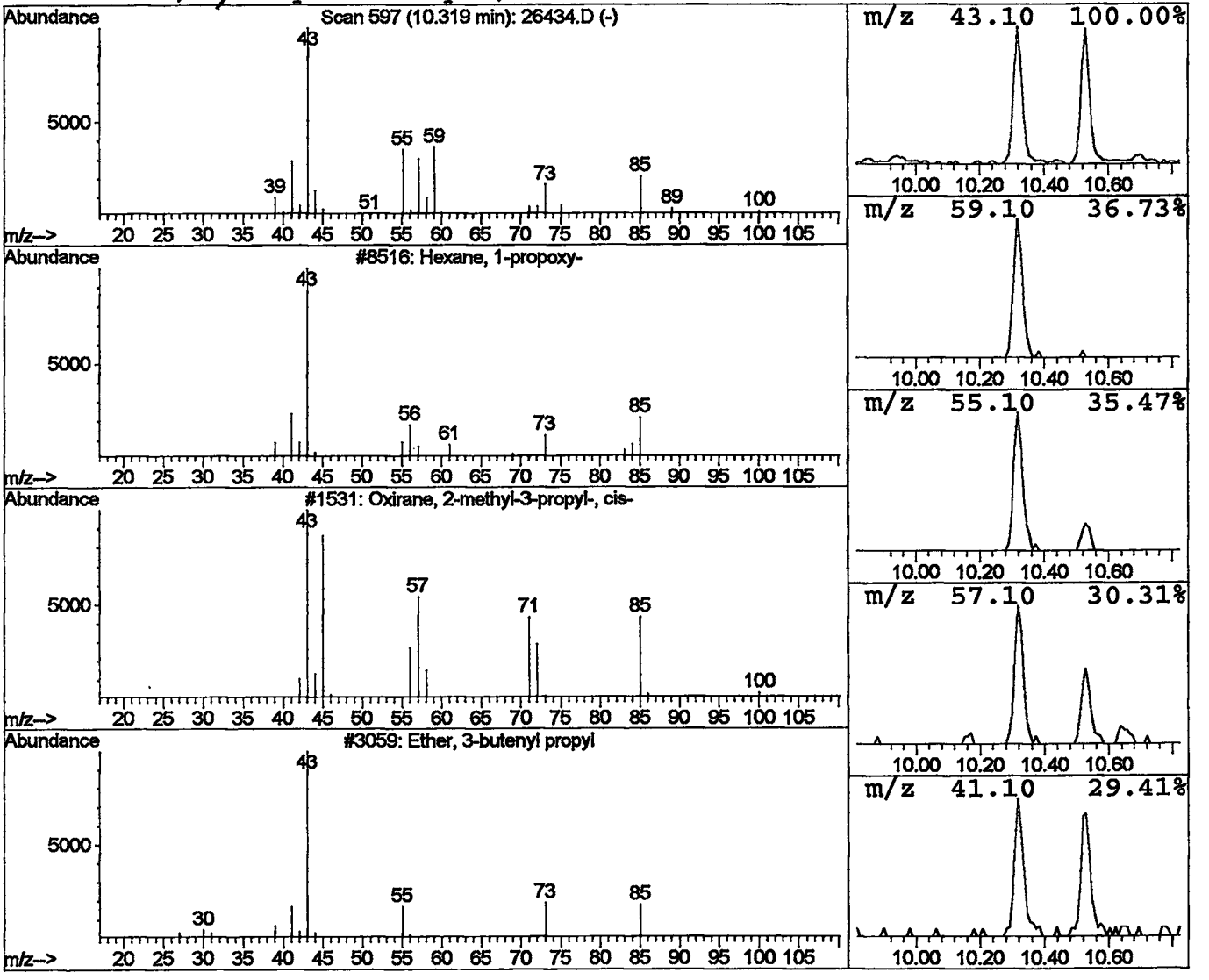
Peak Number 3 Hexane, 1-propoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	0.42 ng/uL	200708	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	23
2	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	17
3	Ether, 3-butenyl propyl	114	C7H14O	034061-75-1	17
4	Oxirane, 2-butyl-3-methyl-, cis-	114	C7H14O	056052-93-8	17



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26434.D Vial: 22
Acq On : 1 Dec 2001 7:18 am Operator: GALOS
Sample : gc/ms unknown 11/3 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

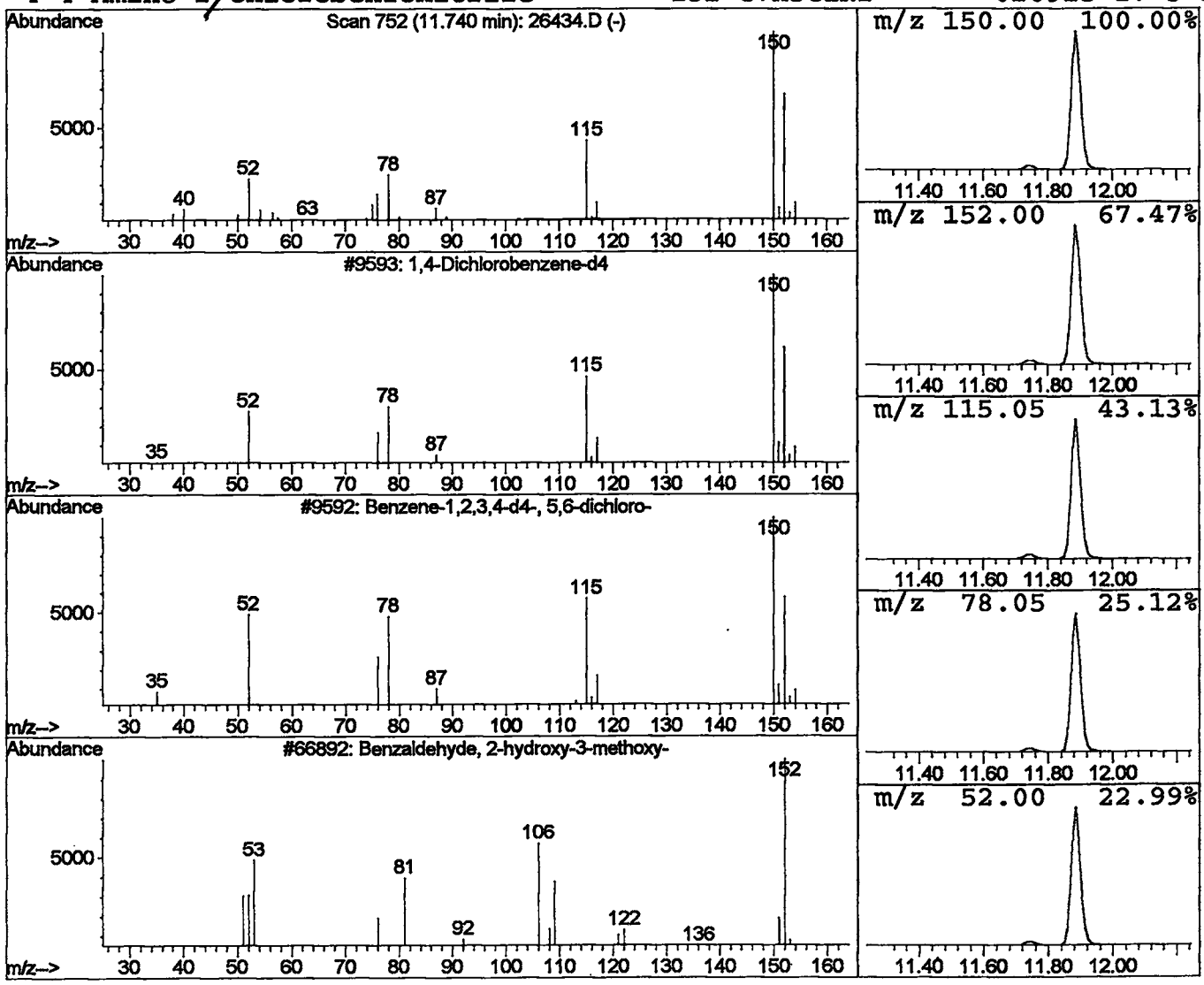
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.74	0.51 ng/uL	244388	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	91
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	4-Amino-2-chlorobenzonitrile	152	C7H5ClN2	020925-27-3	10



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 7:18 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26434.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	222269	ISTD01	11.89	9611000	20.0
2-Pentanone, 4-hydro	7.86	3.2	ng/uL	1544890	ISTD01	11.89	9611000	20.0
Hexane, 1-propoxy-	10.32	0.4	ng/uL	200708	ISTD01	11.89	9611000	20.0
1,4-Dichlorobenzene-	11.74	0.5	ng/uL	244388	ISTD01	11.89	9611000	20.0

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