User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 15:32:36

Sample: AD26336
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 15:31 Ended: 12/4/01 15:31 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26336 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-04-2001 Time: 15:32:44

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\26336.D Vial: 30
Acq On : 1 Dec 2001 2:36 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 14:19 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	1050178	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	3972098	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.78	164	1786692	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.19	188	2506570	20.00	ng/uL	-0.05
59) Chrysene-d12	33.18	240	1448607	20.00	ng/uL	-0.06
68) Perylene-d12	37.27	264	1024877	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	843	0.01	ng/uL	0.46
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.23	152	298	0.01	ng/uL	-0.23
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
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	1980	0.02	ng/uL	0.10
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.04%#		
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	12.89	45	298	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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Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
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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	15.56	128	305	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	0.00	178	0	N.D.	
56) Anthracene	0.00	178	0	N.D.	
57) Di-n-butylphthalate	27.18	149	2726	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	33.18	228	3181	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.45	149	2966	N.D.	
67) Chrysene	33.18	228	3181	N.D.	
69) Di-n-Octylphthalate	0.00	149	0	N.D.	
70) Benzo(b)fluoranthene	0.00	252	0	N.D.	

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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	37.27	252	3417	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

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Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 4 14:19 2001

Vial: 30
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
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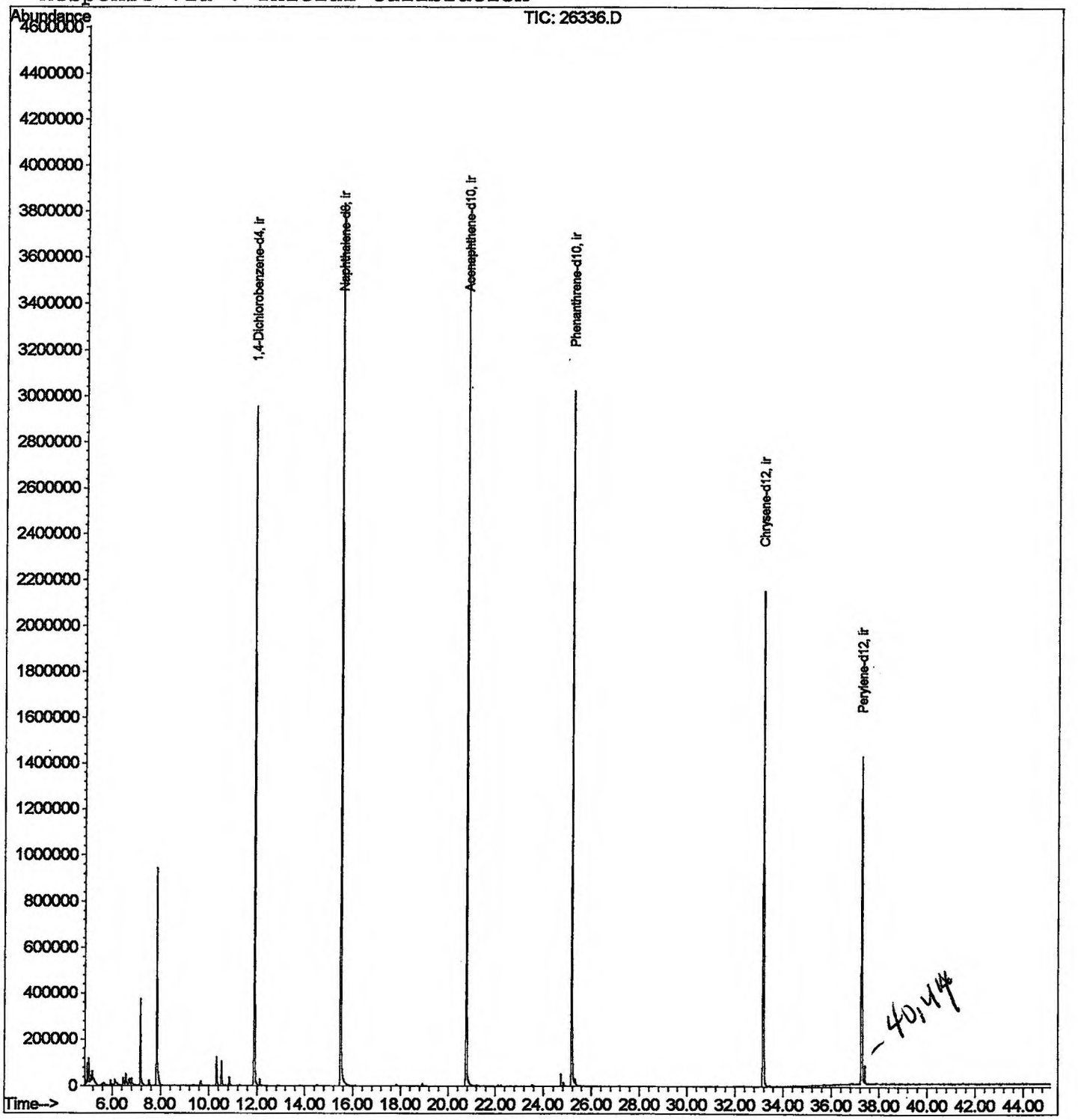


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26336.D Vial: 30
Acq On : 1 Dec 2001 2:36 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

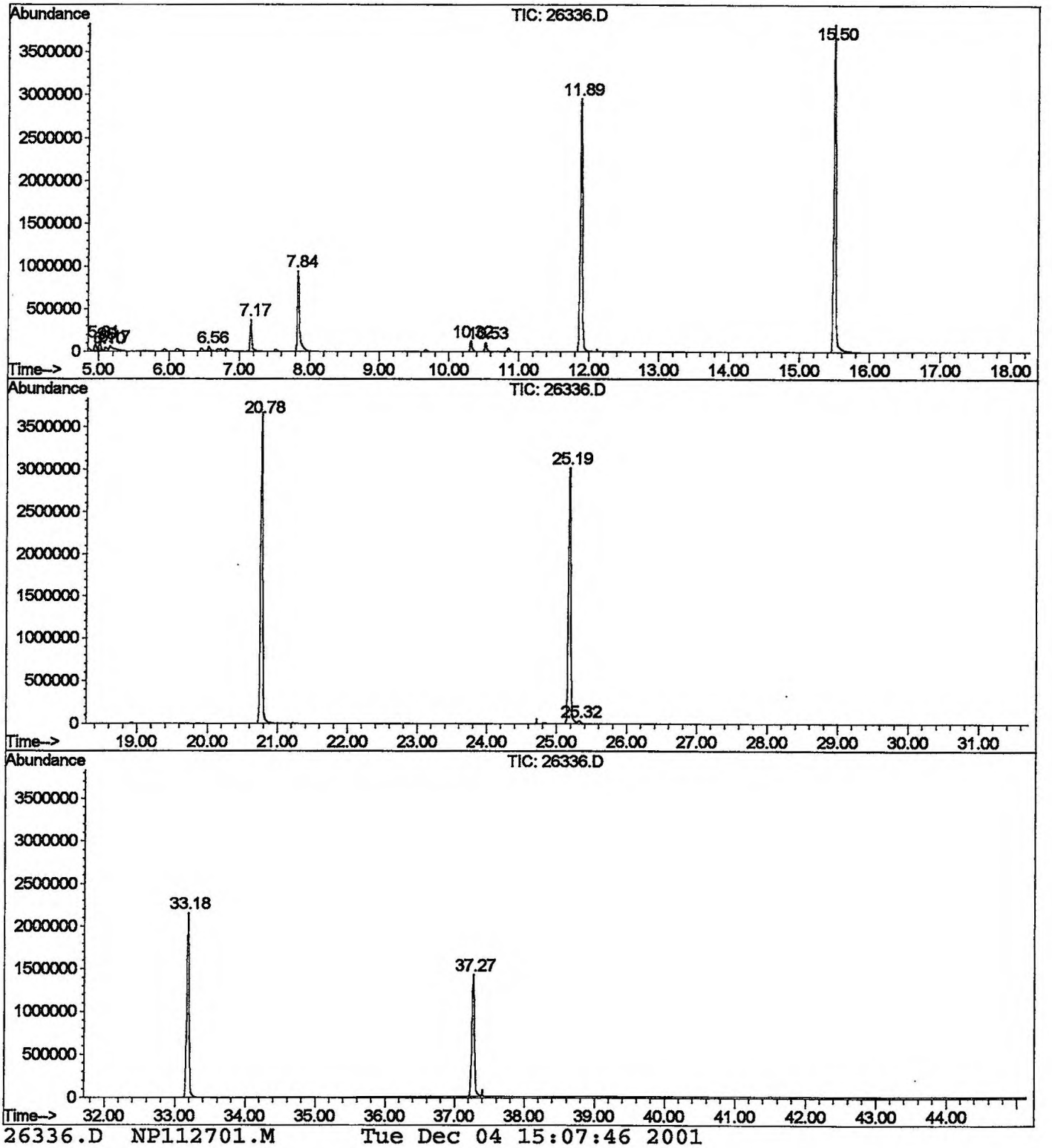
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	4.958	8	13	16	rBV	86884	152004	1.92%	0.366%
2	5.013	16	19	25	rVV	110171	197601	2.50%	0.476%
3	5.096	25	28	33	rVV	36999	98675	1.25%	0.238%
4	5.169	33	36	57	rVB	61259	271471	3.43%	0.654%
5	6.563	184	188	198	rVV	51048	120341	1.52%	0.290%
6	7.168	249	254	266	rBV	370636	666837	8.43%	1.605%
7	7.838	323	327	345	rBV	943211	1998948	25.28%	4.812%
8	10.323	592	598	607	rBV	125257	250827	3.17%	0.604%
9	10.534	616	621	628	rBV	105742	211080	2.67%	0.508%
10	11.891	763	769	780	rBV	2954188	6398367	80.93%	15.404%
11	15.504	1157	1163	1181	rBV	3832554	7906033	100.00%	19.033%
12	20.777	1731	1738	1755	rBV	3671392	7854338	99.35%	18.909%
13	25.187	2212	2219	2230	rBV2	3020360	6946132	87.86%	16.723%
14	25.325	2230	2234	2243	rVB2	29020	86382	1.09%	0.208%
15	33.184	3084	3091	3104	rBV2	2151240	4638314	58.67%	11.167%
16	37.273	3529	3537	3549	rBV2	1417136	3740275	47.31%	9.005%

Sum of corrected areas: 41537625

26336.D NP112701.M Tue Dec 04 15:07:45 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26336.D
Operator : GALOS
Acquired : 1 Dec 2001 2:36 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 30
Quant File :NP112701.RES (RTE Integrator)



26336.D NP112701.M Tue Dec 04 15:07:46 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26336.D
Acq On : 1 Dec 2001 2:36 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 30
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

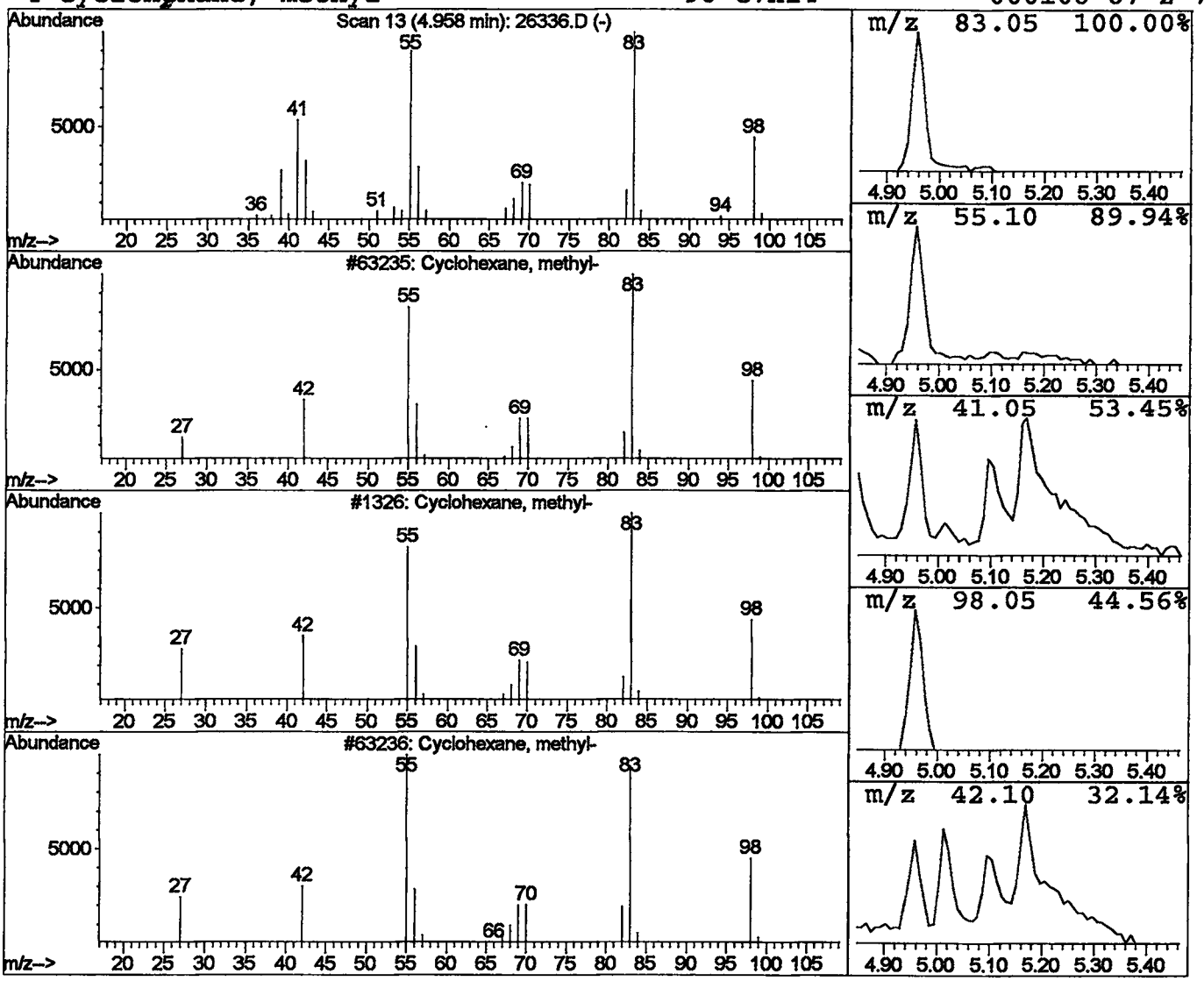
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.96	0.48 ng/uL	152004	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	97
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26336.D
Acq On : 1 Dec 2001 2:36 pm
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 30
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
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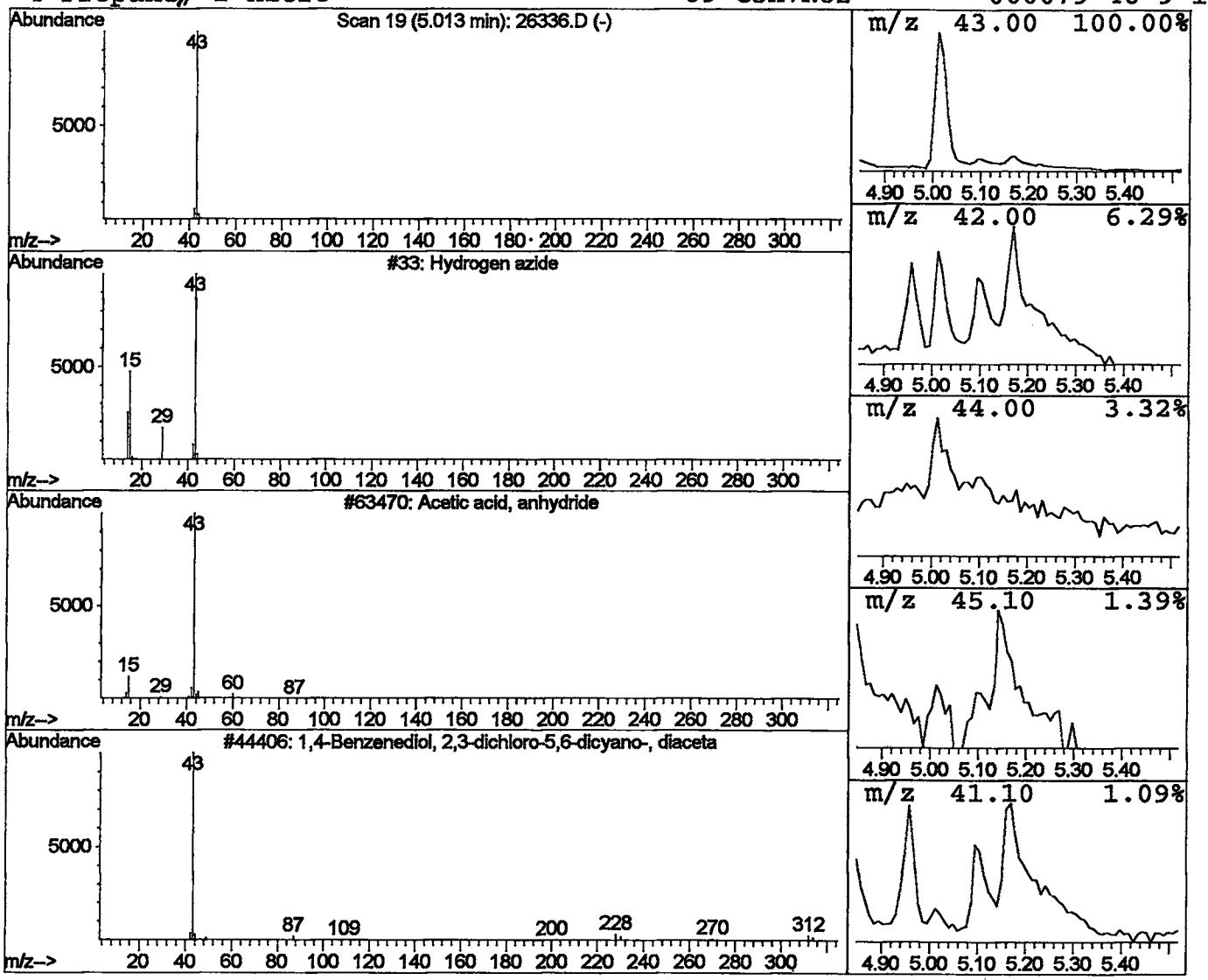
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Hydrogen azide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	0.62 ng/uL	197601	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrogen azide	43	HN3	007782-79-8	4
2	Acetic acid, anhydride	102	C4H6O3	000108-24-7	2
3	1,4-Benzenediol, 2,3-dichloro-5,6-d	312	C12H6Cl2N2O4	000000-00-0	1
4	Propane, 2-nitro-	89	C3H7NO2	000079-46-9	1



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Misc :
MS Integration Params: LSCINT.P

Vial: 30
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
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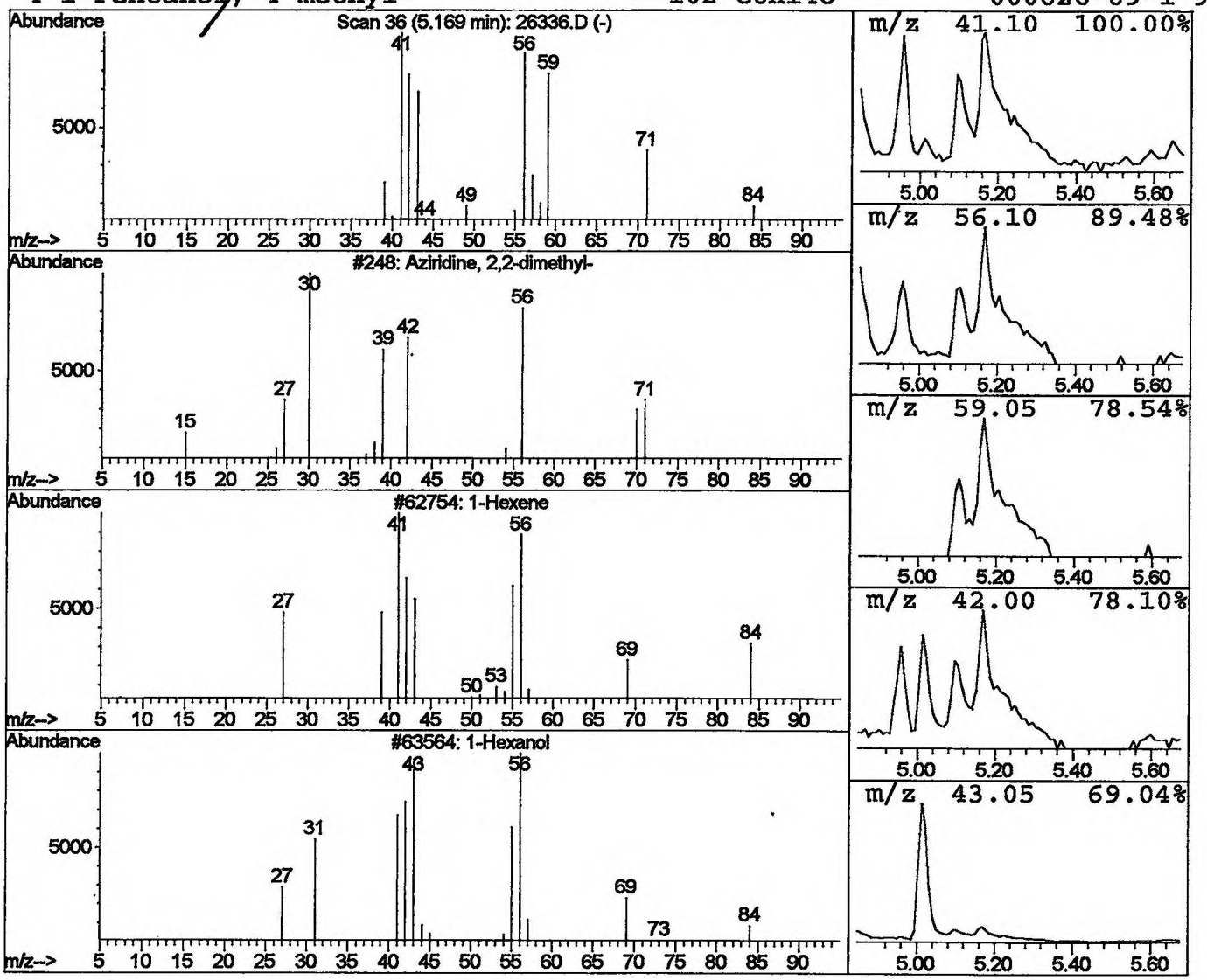
****

Peak Number 3 Aziridine, 2,2-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	0.85 ng/uL	271471	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aziridine, 2,2-dimethyl-	71	C4H9N	002658-24-4	28
2	1-Hexene	84	C6H12	000592-41-6	9
3	1-Hexanol	102	C6H14O	000111-27-3	9
4	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	9



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Misc :
MS Integration Params: LSCINT.P

Vial: 30
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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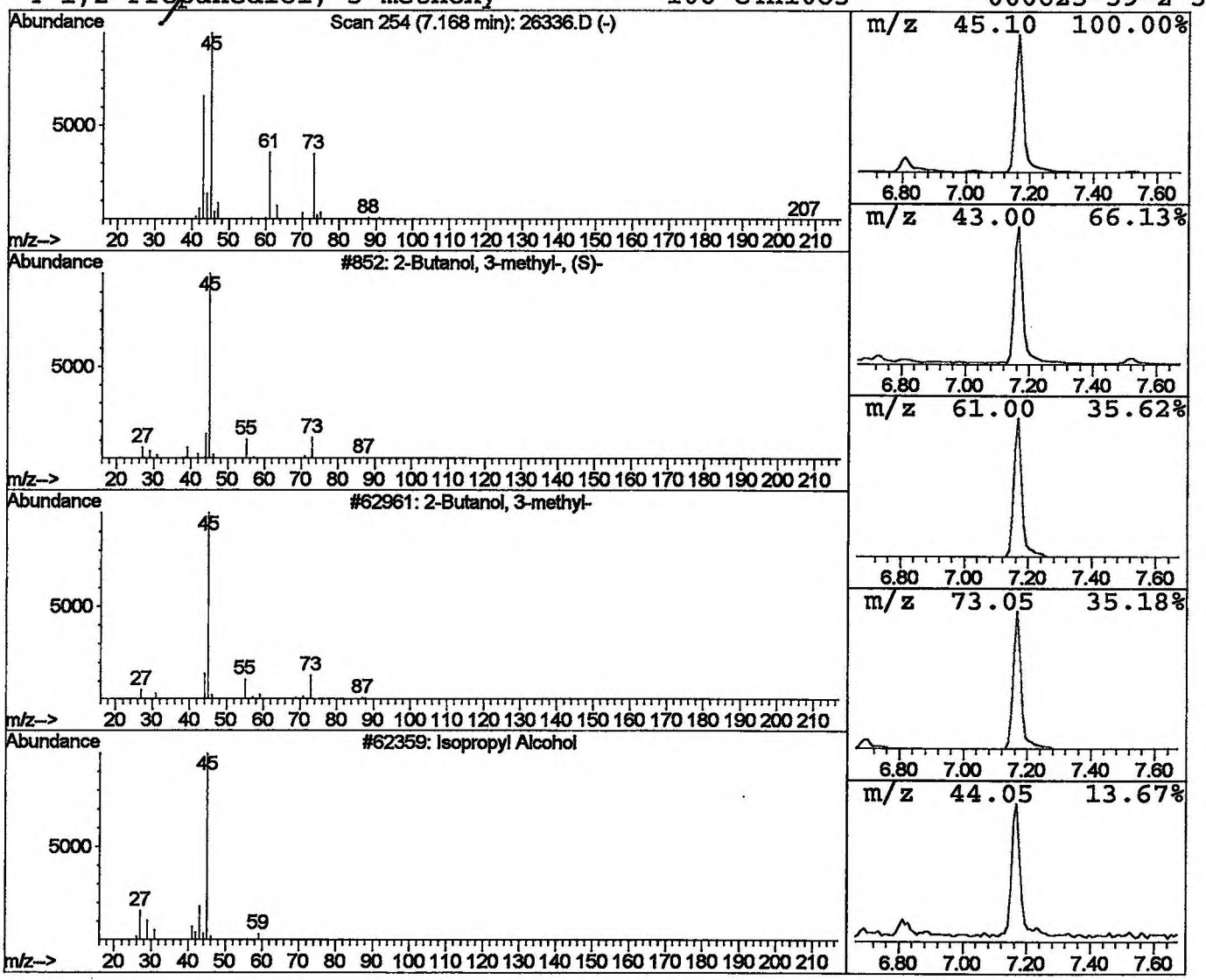
****

Peak Number 4 2-Butanol, 3-methyl-, (S)- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.17	2.08 ng/uL	666837	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3-methyl-, (S)-	88	C5H12O	001517-66-4	40
2	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	40
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	37
4	1,2-Propanediol, 3-methoxy-	106	C4H10O3	000623-39-2	36



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Multiplr: 1.00

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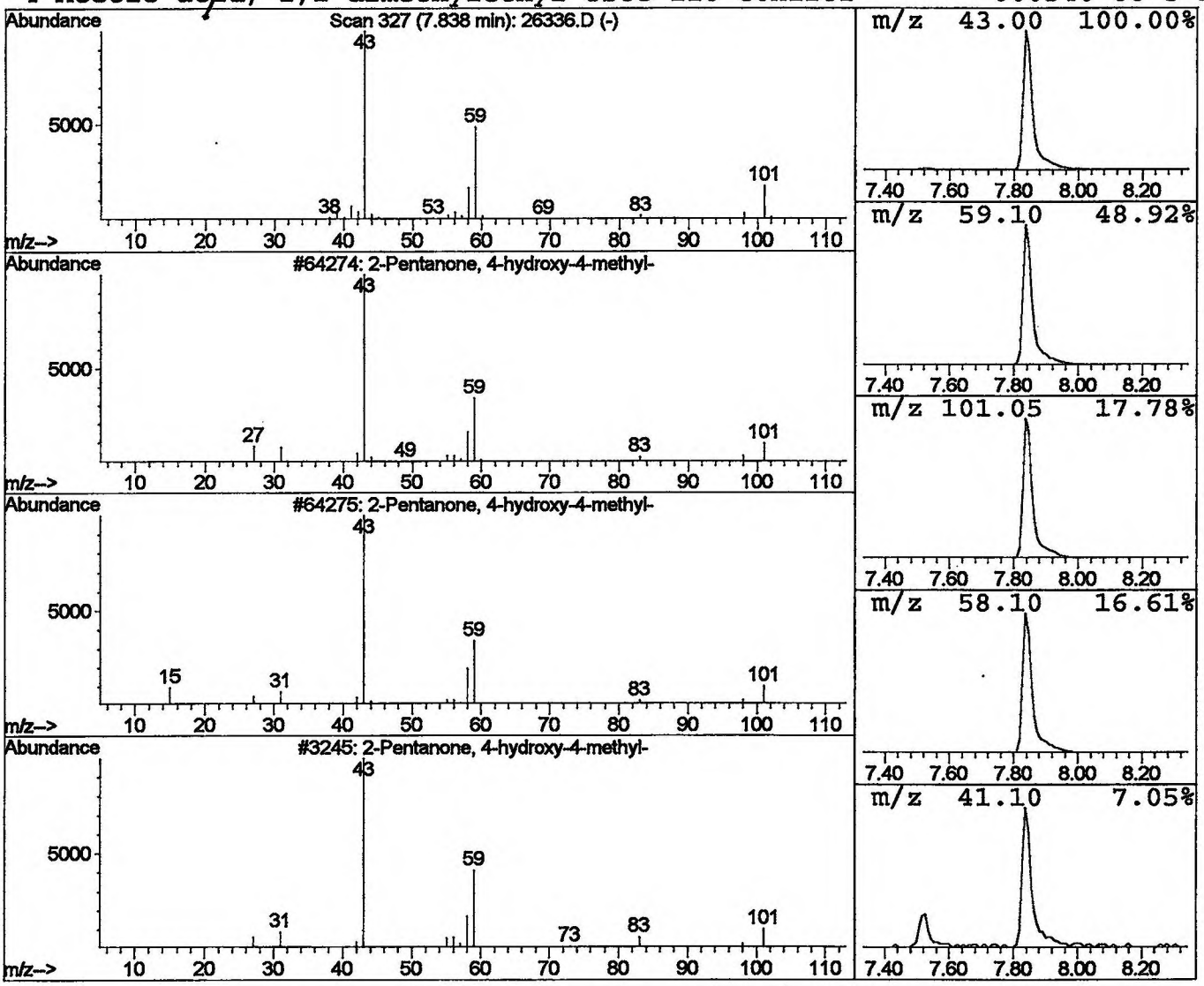
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	6.25 ng/uL	1998950	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	53
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



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Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 30
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

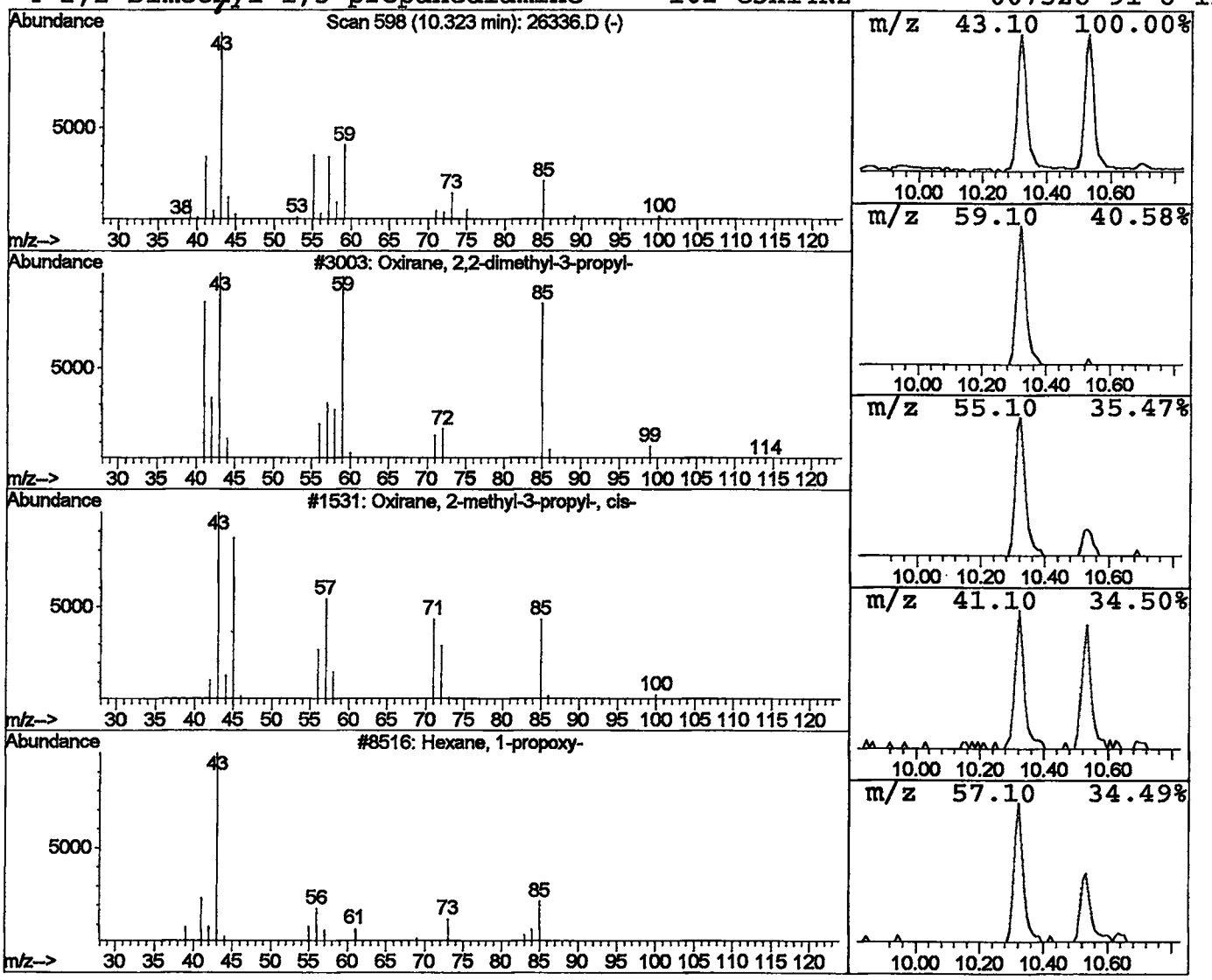
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Oxirane, 2,2-dimethyl-3-propyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	0.78 ng/uL	250827	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	20
2	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	17
3	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	17
4	2,2-Dimethyl-1,3-propanediamine	102	C5H14N2	007328-91-8	12



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Misc :
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Vial: 30
Operator: GALOS
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Multiplr: 1.00

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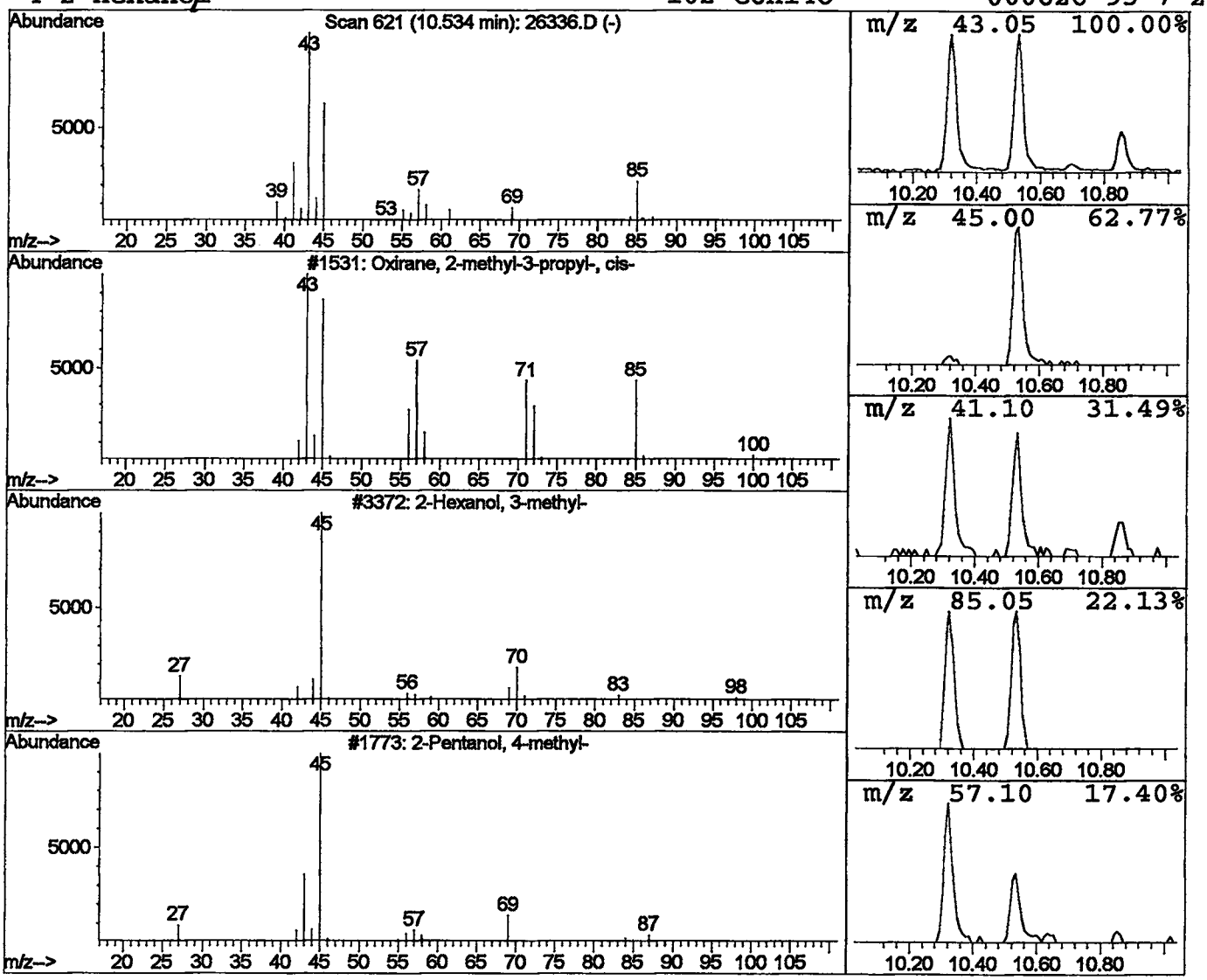
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	0.66 ng/uL	211080	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	38
2	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	35
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	32
4	2-Hexanol	102	C6H14O	000626-93-7	25



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 2:36 pm
Data File: C:\HPCHEM\1\DATA\NOV3001\26336.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-	4.96	0.5	ng/uL	152004	ISTD01	11.89	6398370	20.0
Hydrogen azide	5.01	0.6	ng/uL	197601	ISTD01	11.89	6398370	20.0
Aziridine, 2,2-dimet	5.17	0.8	ng/uL	271471	ISTD01	11.89	6398370	20.0
2-Butanol, 3-methyl-	7.17	2.1	ng/uL	666837	ISTD01	11.89	6398370	20.0
2-Pentanone, 4-hydro	7.84	6.2	ng/uL	1998950	ISTD01	11.89	6398370	20.0
Oxirane, 2,2-dimethy	10.32	0.8	ng/uL	250827	ISTD01	11.89	6398370	20.0
Oxirane, 2-methyl-3-	10.53	0.7	ng/uL	211080	ISTD01	11.89	6398370	20.0

26336.D NP112701.M Tue Dec 04 15:07:53 2001