User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 14:34:28

Sample: AD26315
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 14:34 Ended: 12/4/01 14:34 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26315 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-04-2001 Time: 14:34:42

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\26315.D Vial: 24
Acq On : 1 Dec 2001 9:07 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 12:46 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	933668	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.49	136	3556567	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	1659506	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	2412541	20.00	ng/uL	-0.06
59) Chrysene-d12	33.18	240	1557105	20.00	ng/uL	-0.06
68) Perylene-d12	37.26	264	1107825	20.00	ng/uL	-0.07
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	346	0.01	ng/uL	0.46
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.15	152	664	0.02	ng/uL	-0.31
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.04%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.91	172	1832	0.02	ng/uL	0.08
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	5.03	79	306	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)

Data File : C:\HPCHEM\1\DATA\NOV3001\26315.D Vial: 24
Acq On : 1 Dec 2001 9:07 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 12:46 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	25.19	178	281	N.D.	
56)	Anthracene	25.19	178	281	N.D.	
57)	Di-n-butylphthalate	27.18	149	40521	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	3226	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.45	149	11344	N.D.	
67)	Chrysene	33.18	228	3226	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\26315.D Vial: 24
Acq On : 1 Dec 2001 9:07 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 12:46 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

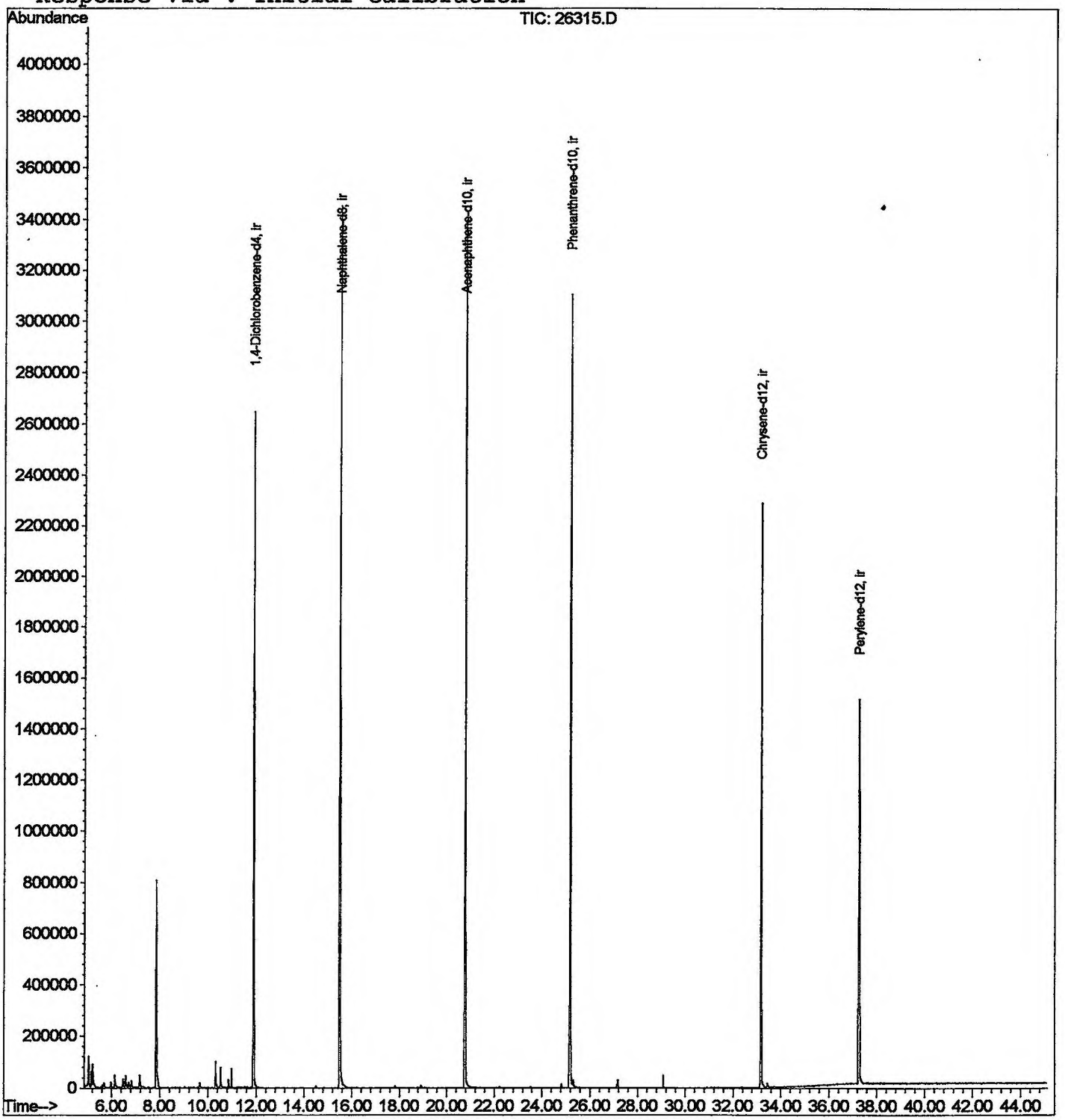
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.27	252	3979	N.D.	
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26315.D Vial: 24
Acq On : 1 Dec 2001 9:07 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 12:46 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\26315.D Vial: 24
Acq On : 1 Dec 2001 9:07 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

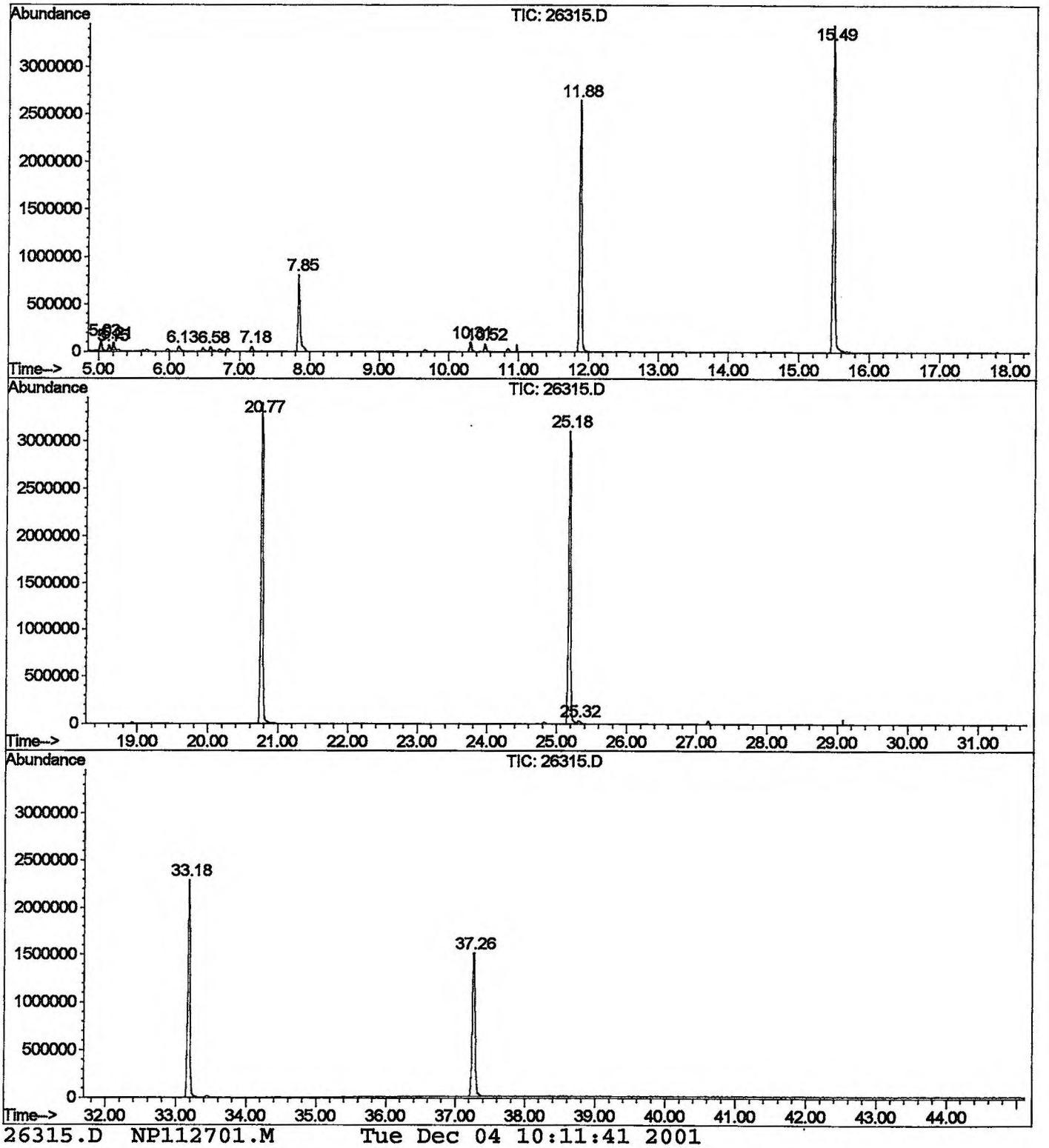
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.031	15	21	30	rVB	116493	235001	3.28%	0.610%
2	5.151	30	34	37	rBV	60283	109154	1.52%	0.283%
3	5.206	37	40	46	rVV	78906	140764	1.96%	0.366%
4	6.132	137	141	147	rBV	49164	106119	1.48%	0.276%
5	6.581	186	190	194	rBV	45524	88676	1.24%	0.230%
6	7.177	249	255	262	rBV	48117	98748	1.38%	0.256%
7	7.847	324	328	341	rBV	807337	1666798	23.25%	4.329%
8	10.313	592	597	606	rBV	101817	199982	2.79%	0.519%
9	10.524	616	620	629	rVB	79454	156106	2.18%	0.405%
10	11.881	763	768	782	rVB	2645350	5633745	78.58%	14.631%
11	15.495	1156	1162	1180	rBV	3452260	7133400	99.49%	18.526%
12	20.767	1731	1737	1749	rBV	3396444	7169673	100.00%	18.620%
13	25.178	2212	2218	2230	rBV2	3104585	6697495	93.41%	17.394%
14	25.316	2230	2233	2242	rVB	28615	72718	1.01%	0.189%
15	33.184	3085	3091	3106	rVB2	2285850	4904497	68.41%	12.738%
16	37.264	3529	3536	3548	rBV2	1501073	4091419	57.07%	10.626%

Sum of corrected areas: 38504295

26315.D NP112701.M Tue Dec 04 10:11:41 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26315.D
Operator : GALOS
Acquired : 1 Dec 2001 9:07 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3
Misc Info :
Vial Number: 24
Quant File :NP112701.RES (RTE Integrator)



26315.D NP112701.M Tue Dec 04 10:11:41 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26315.D
Acq On : 1 Dec 2001 9:07 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

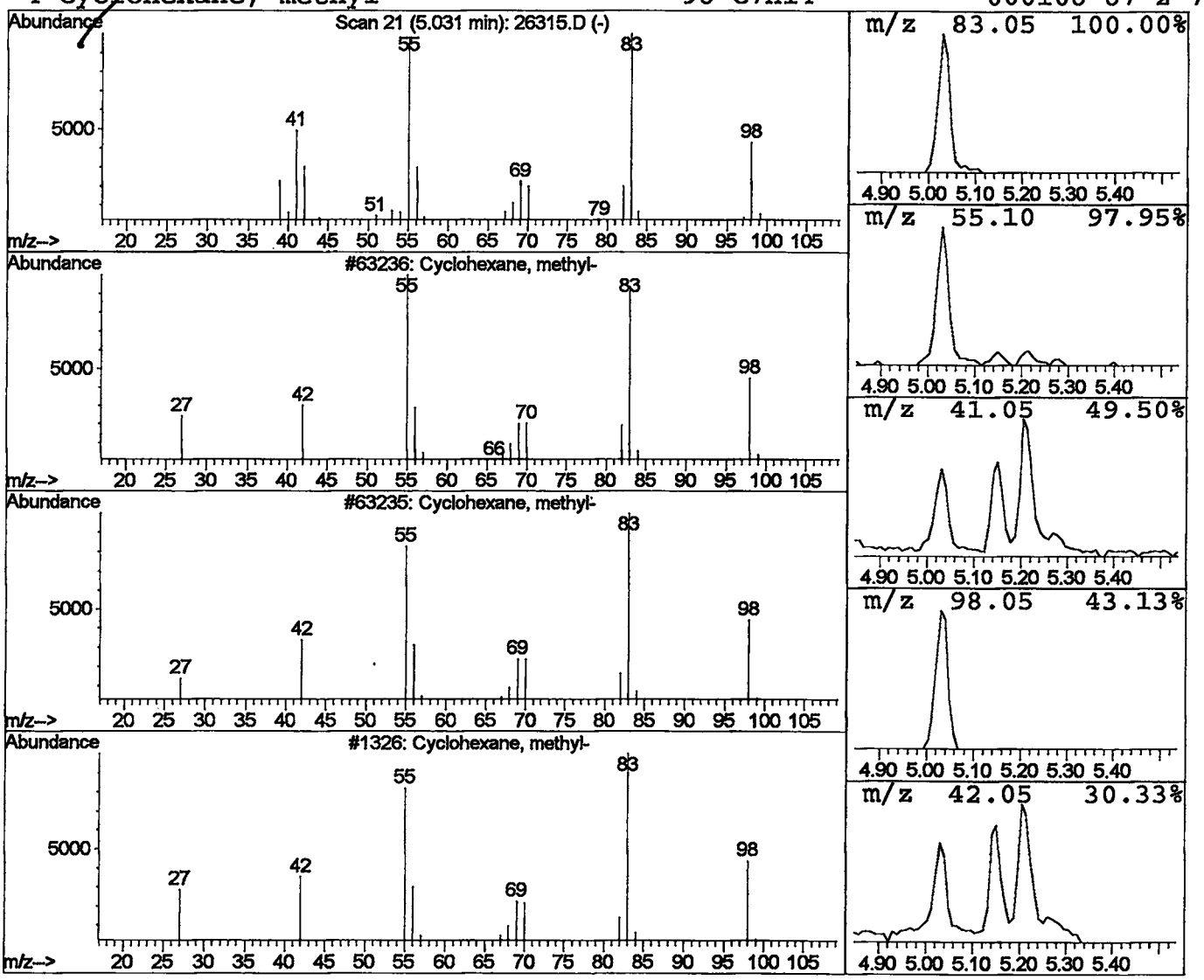
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	0.83 ng/uL	235001	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	93
3	Cyclohexane, methyl-	98	C7H14	000108-87-2	90
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26315.D
Acq On : 1 Dec 2001 9:07 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

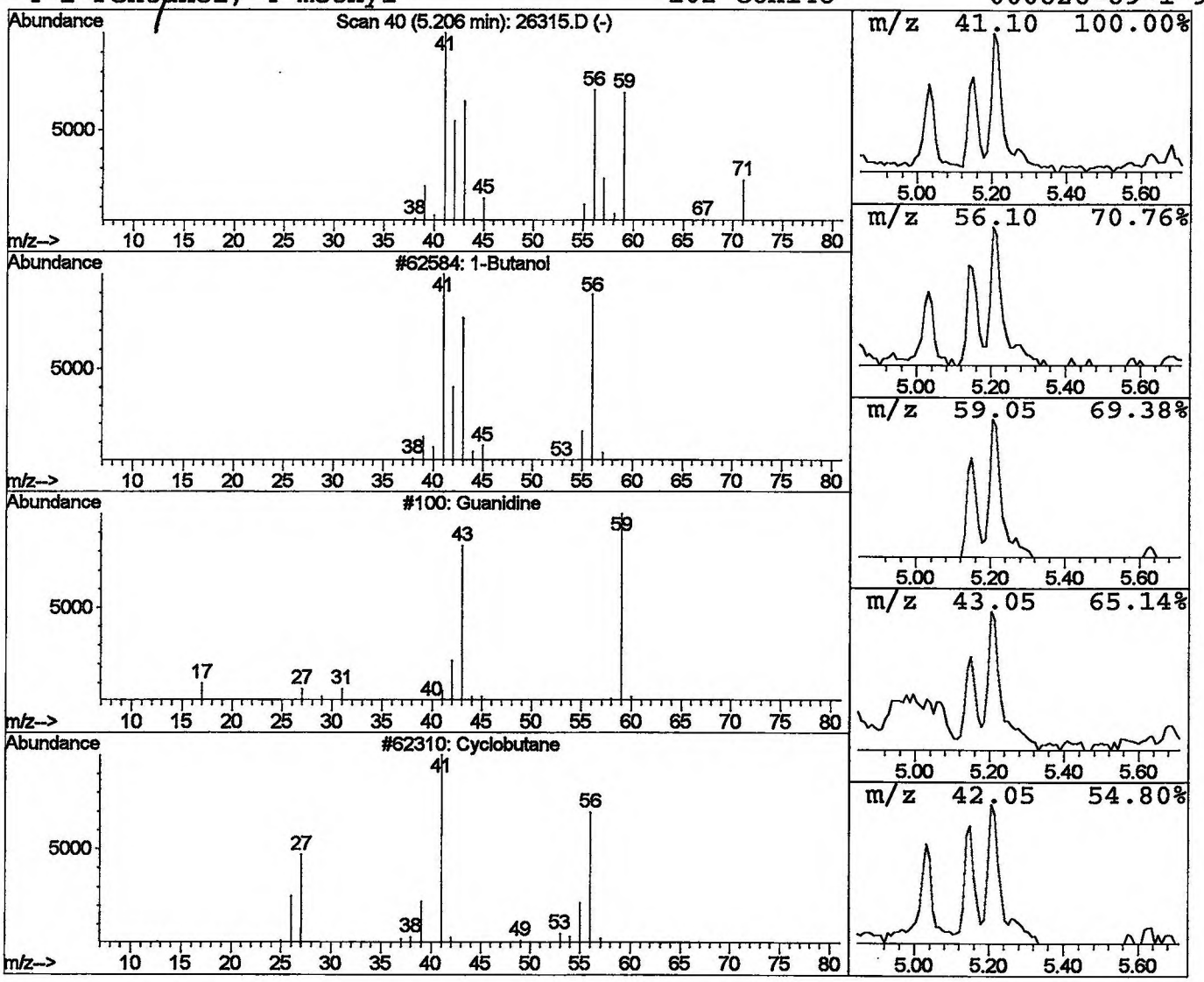
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Butanol — Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	0.50 ng/uL	140764	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	17
2	Guanidine	59	CH5N3	000113-00-8	9
3	Cyclobutane	56	C4H8	000287-23-0	9
4	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26315.D
Acq On : 1 Dec 2001 9:07 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

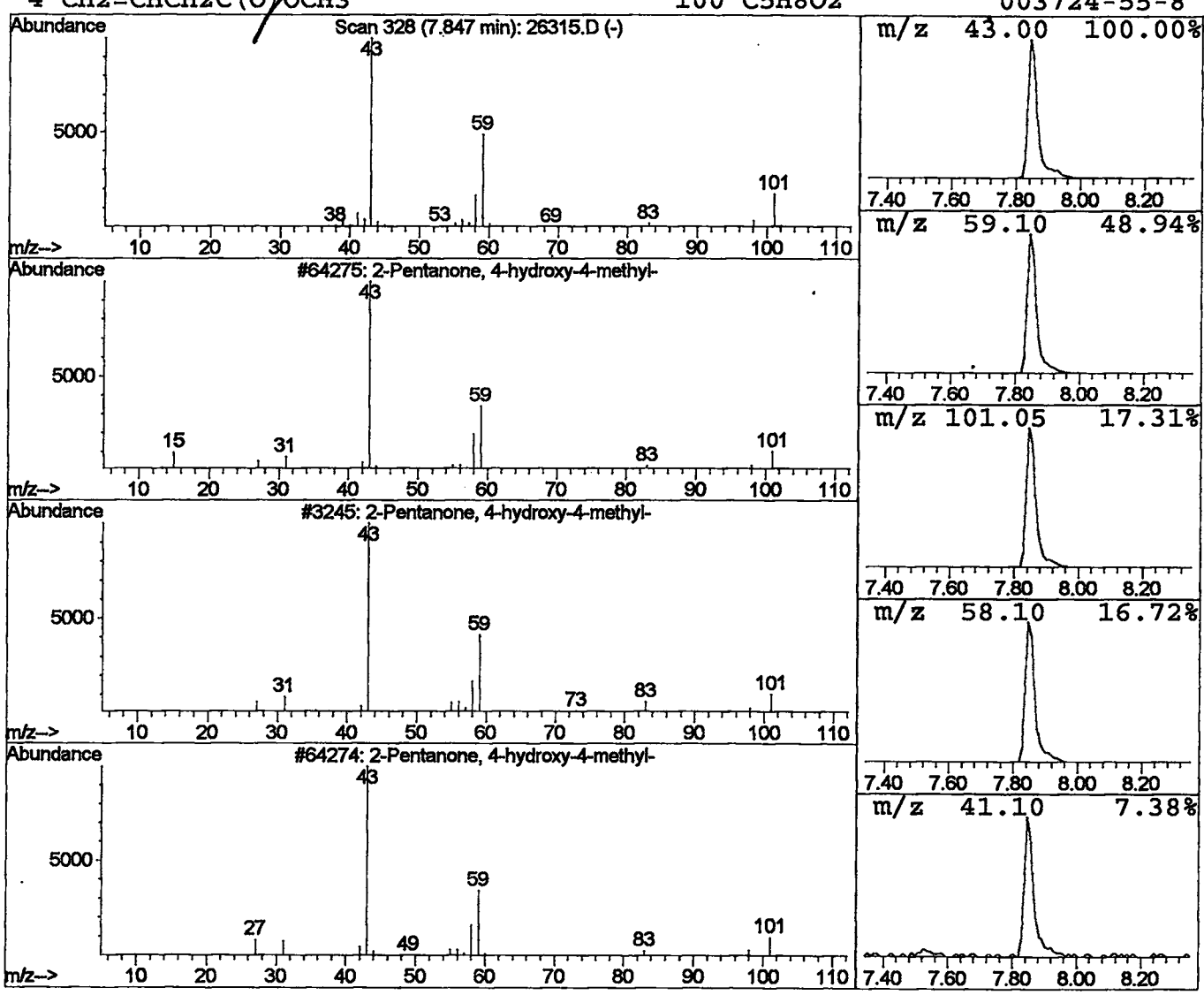
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	5.92 ng/uL	1666800	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	43
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26315.D
Acq On : 1 Dec 2001 9:07 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

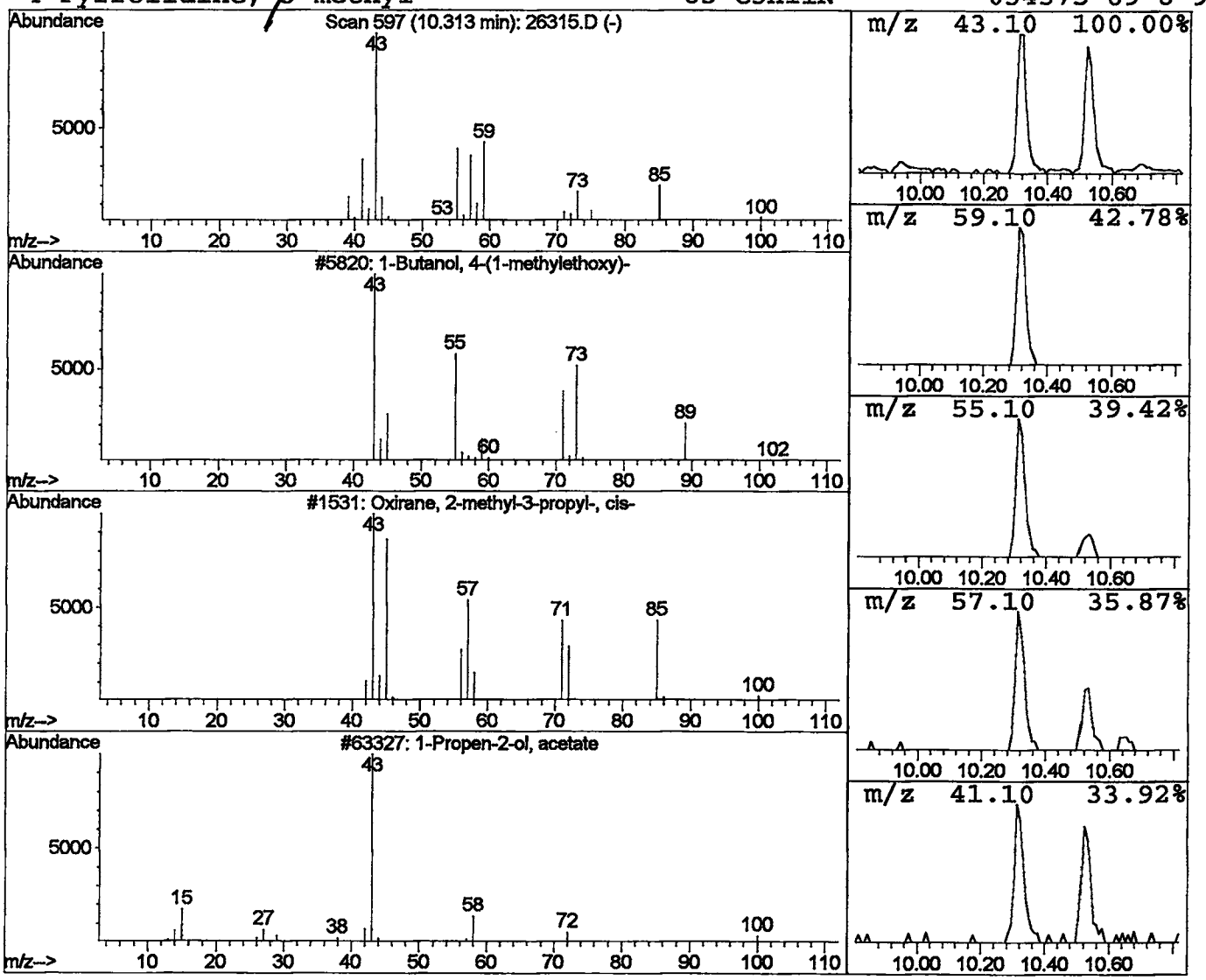
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 '1-Butanol, 4-(1-methylethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.31	0.71 ng/uL	199982	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol, 4-(1-methylethoxy)-	132	C7H16O2	031600-69-8	12
2	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	10
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26315.D
Acq On : 1 Dec 2001 9:07 am
Sample : gc/ms unknown 11/3
Misc :
MS Integration Params: LSCINT.P

Vial: 24
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

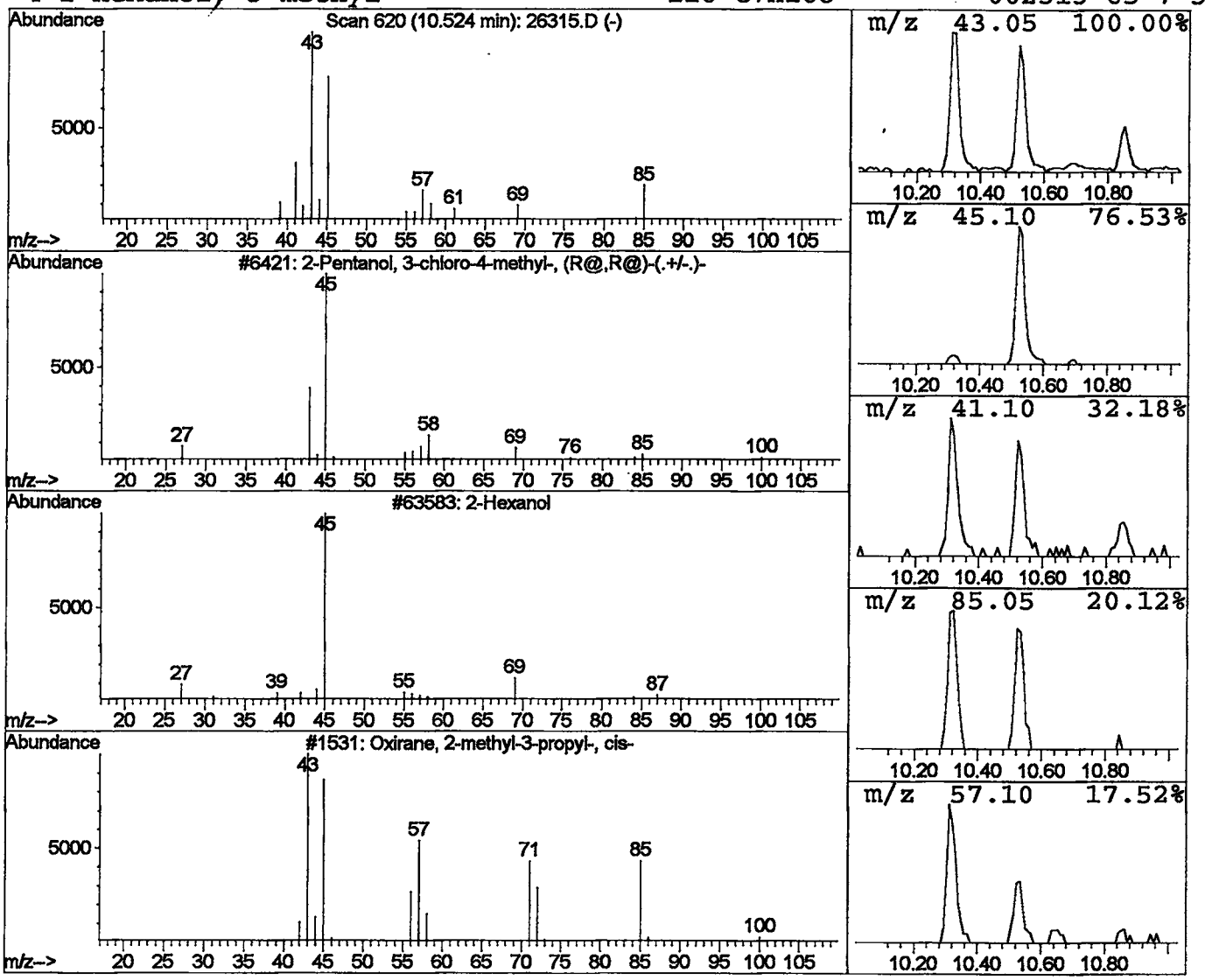
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Pentanol, 3-chloro-4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	0.55 ng/uL	156106	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 3-chloro-4-methyl-, (R@	136	C6H13ClO	074685-47-5	40
2	2-Hexanol	102	C6H14O	000626-93-7	38
3	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	36
4	2-Hexanol, 3-methyl-	116	C7H16O	002313-65-7	33



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 9:07 am
Data File: C:\HPCHEM\1\DATA\NOV3001\26315.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-	5.03	0.8	ng/uL	235001	ISTD01	11.89	5633750	20.0
1-Butanol	5.21	0.5	ng/uL	140764	ISTD01	11.89	5633750	20.0
2-Pentanone, 4-hydro	7.85	5.9	ng/uL	1666800	ISTD01	11.89	5633750	20.0
1-Butanol, 4-(1-meth	10.31	0.7	ng/uL	199982	ISTD01	11.89	5633750	20.0
2-Pentanol, 3-chloro	10.52	0.6	ng/uL	156106	ISTD01	11.89	5633750	20.0

26315.D NP112701.M Tue Dec 04 10:11:47 2001