User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/04/2001 Time: 14:33:09

Sample: AD26253
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/4/01 14:32 Ended: 12/4/01 14:32 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26253 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-05-2001 Time: 13:47:50

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, except for di-n-butylphthalate at an estimated level of 0.27 ug/L.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26253.D Vial: 32
Acq On : 1 Dec 2001 4:25 pm Operator: GALOS
Sample : gc/ms unknown 11/3 +26319 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:45 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	11.88	152	1067706	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.49	136	3971008	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	1763534	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	2401759	20.00	ng/uL	-0.06
59) Chrysene-d12	33.18	240	1329078	20.00	ng/uL	-0.06
68) Perylene-d12	37.26	264	885860	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	11.89	132	723	0.01	ng/uL	0.47
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.01%#			
7) 1,2-Dichlorobenzene-d4	12.24	152	275	0.01	ng/uL	-0.22
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	18.91	172	1652	0.01	ng/uL	0.08
Spiked Amount 50.000	Range 42 - 78		Recovery = 0.02%#			
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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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	15.56	128	292	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	25.18	178	324	N.D.	
56)	Anthracene	25.18	178	324	N.D.	
57)	Di-n-butylphthalate	27.17	149	47381	0.27 ng/uL	97
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	2473	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.45	149	7558	N.D.	
67)	Chrysene	33.18	228	2473	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	

39K in blank

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV3001\26253.D Vial: 32
Acq On : 1 Dec 2001 4:25 pm Operator: GALOS
Sample : gc/ms unknown 11/3 +26319 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:45 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

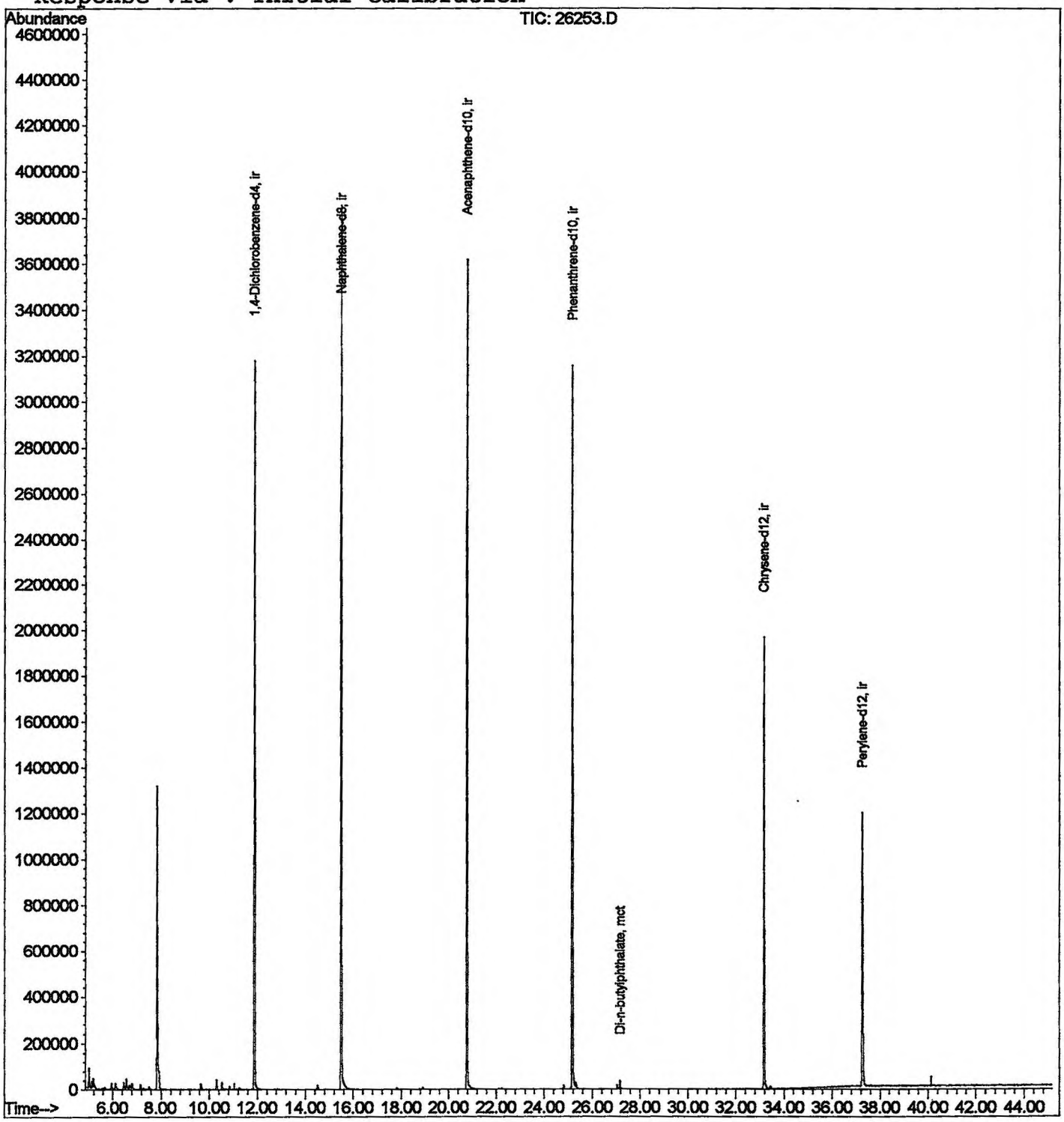
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.26	252	3097	N.D.	
73)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
75)	Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26253.D Vial: 32
Acq On : 1 Dec 2001 4:25 pm Operator: GALOS
Sample : gc/ms unknown 11/3 +26319 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 4 12:45 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\26253.D Vial: 32
Acq On : 1 Dec 2001 4:25 pm Operator: GALOS
Sample : gc/ms unknown 11/3 +26319 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

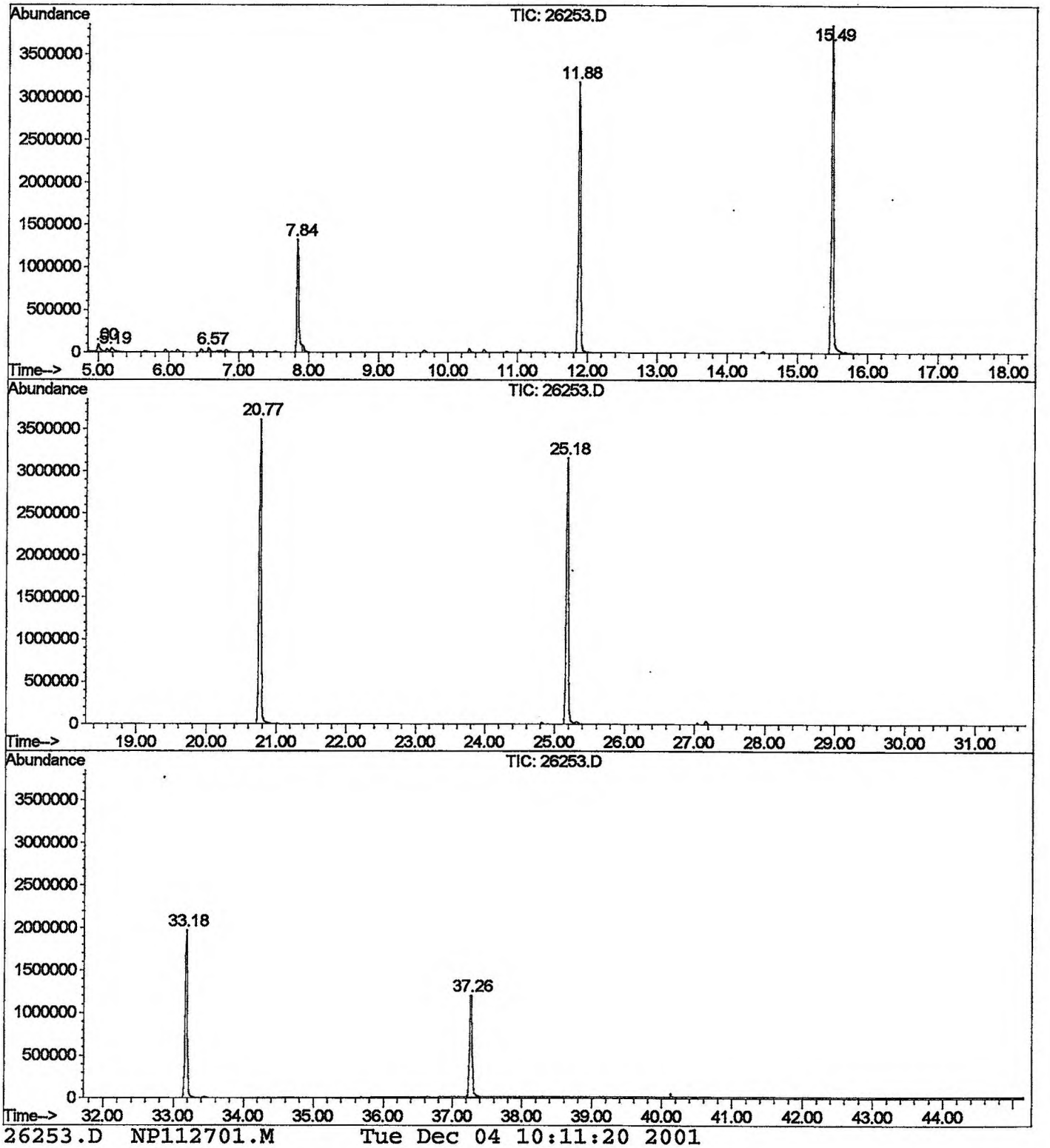
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.004	14	18	28	rVV2	87019	178187	2.23%	0.453%
2	5.187	35	38	53	rVB	46531	143771	1.80%	0.366%
3	6.572	186	189	194	rBV	45980	89564	1.12%	0.228%
4	7.837	323	327	334	rBV	1318707	2546833	31.84%	6.475%
5	11.881	763	768	783	rBV	3178577	6520640	81.53%	16.577%
6	15.494	1156	1162	1180	rBV	3854341	7998129	100.00%	20.333%
7	20.767	1731	1737	1757	rBV	3618632	7681483	96.04%	19.528%
8	25.178	2212	2218	2230	rBV2	3157882	6671371	83.41%	16.960%
9	33.184	3084	3091	3108	rBV2	1968524	4251355	53.15%	10.808%
10	37.264	3529	3536	3552	rVB2	1188556	3253969	40.68%	8.272%

Sum of corrected areas: 39335302

26253.D NP112701.M Tue Dec 04 10:11:19 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV3001\26253.D
Operator : GALOS
Acquired : 1 Dec 2001 4:25 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/3 +26319
Misc Info :
Vial Number: 32
Quant File :NP112701.RES (RTE Integrator)



26253.D NP112701.M Tue Dec 04 10:11:20 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26253.D
Acq On : 1 Dec 2001 4:25 pm
Sample : gc/ms unknown 11/3 +26319
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

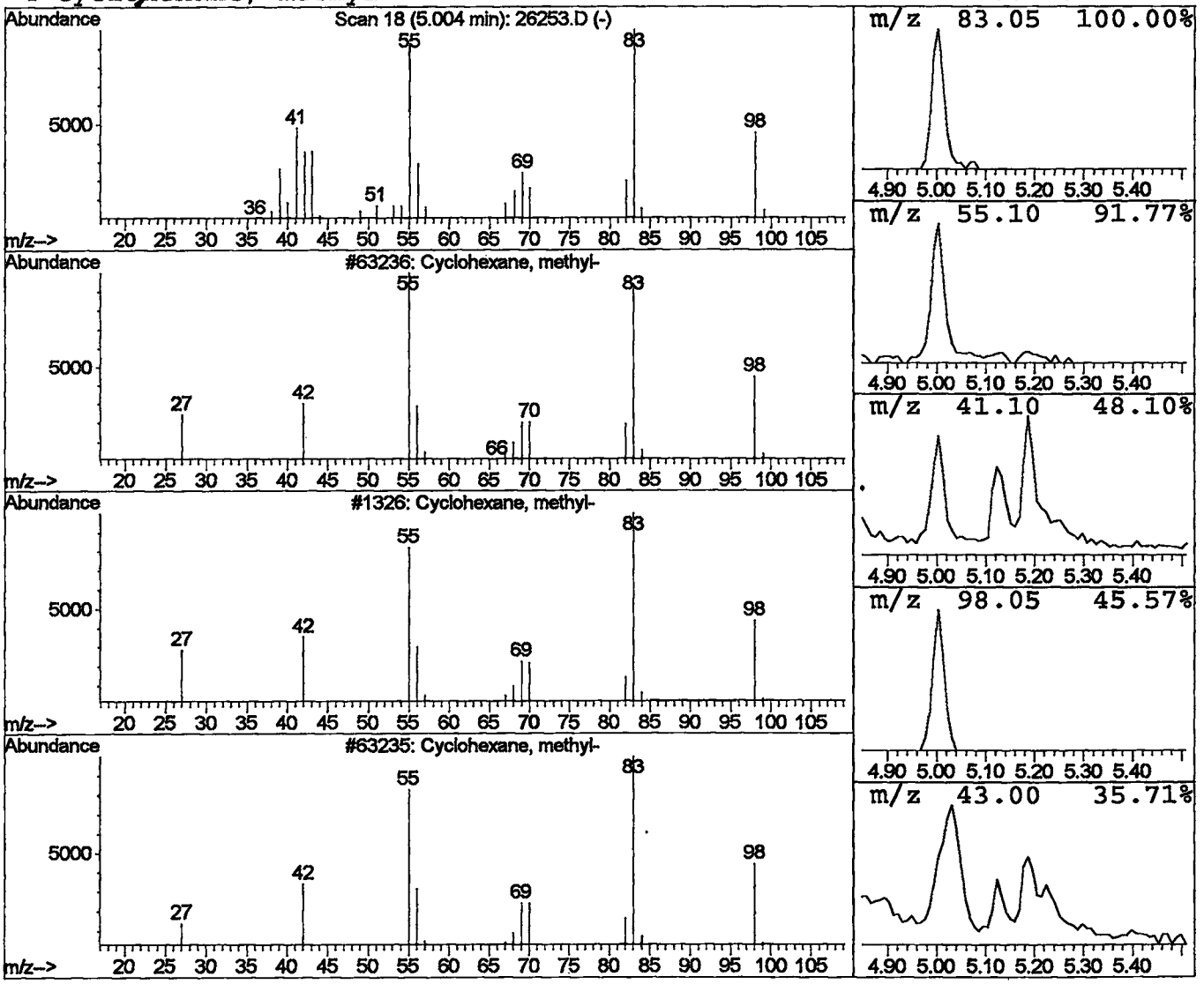
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.00	0.55 ng/uL	178187	1,4-Dichlorobenzene-d4	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
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	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26253.D
Acq On : 1 Dec 2001 4:25 pm
Sample : gc/ms unknown 11/3 +26319
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

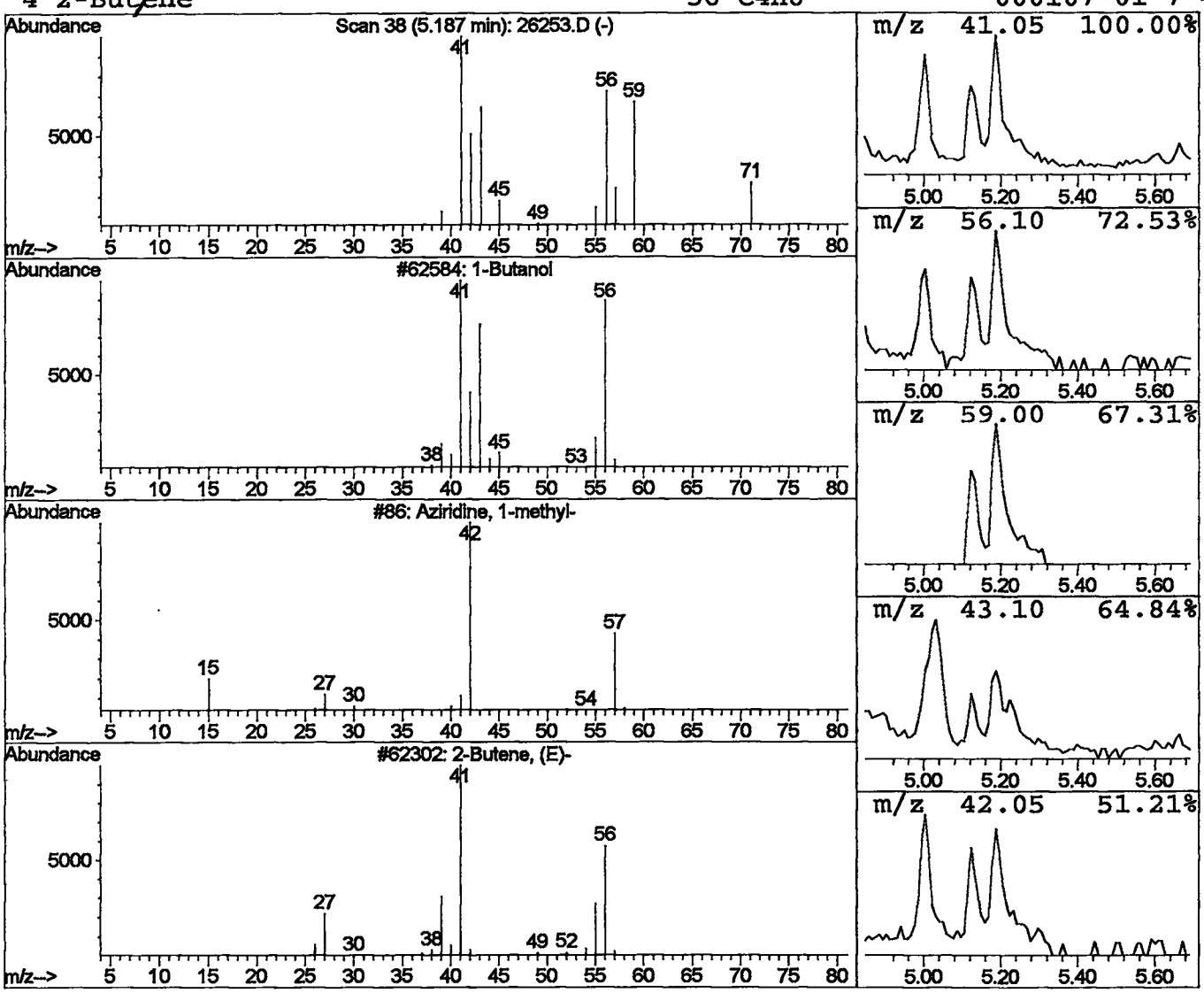
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Butanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	0.44 ng/uL	143771	1,4-Dichlorobenzene-d4	11.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	17
2	Aziridine, 1-methyl-	57	C3H7N	001072-44-2	5
3	2-Butene, (E)-	56	C4H8	000624-64-6	4
4	2-Butene	56	C4H8	000107-01-7	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV3001\26253.D
Acq On : 1 Dec 2001 4:25 pm
Sample : gc/ms unknown 11/3 +26319
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

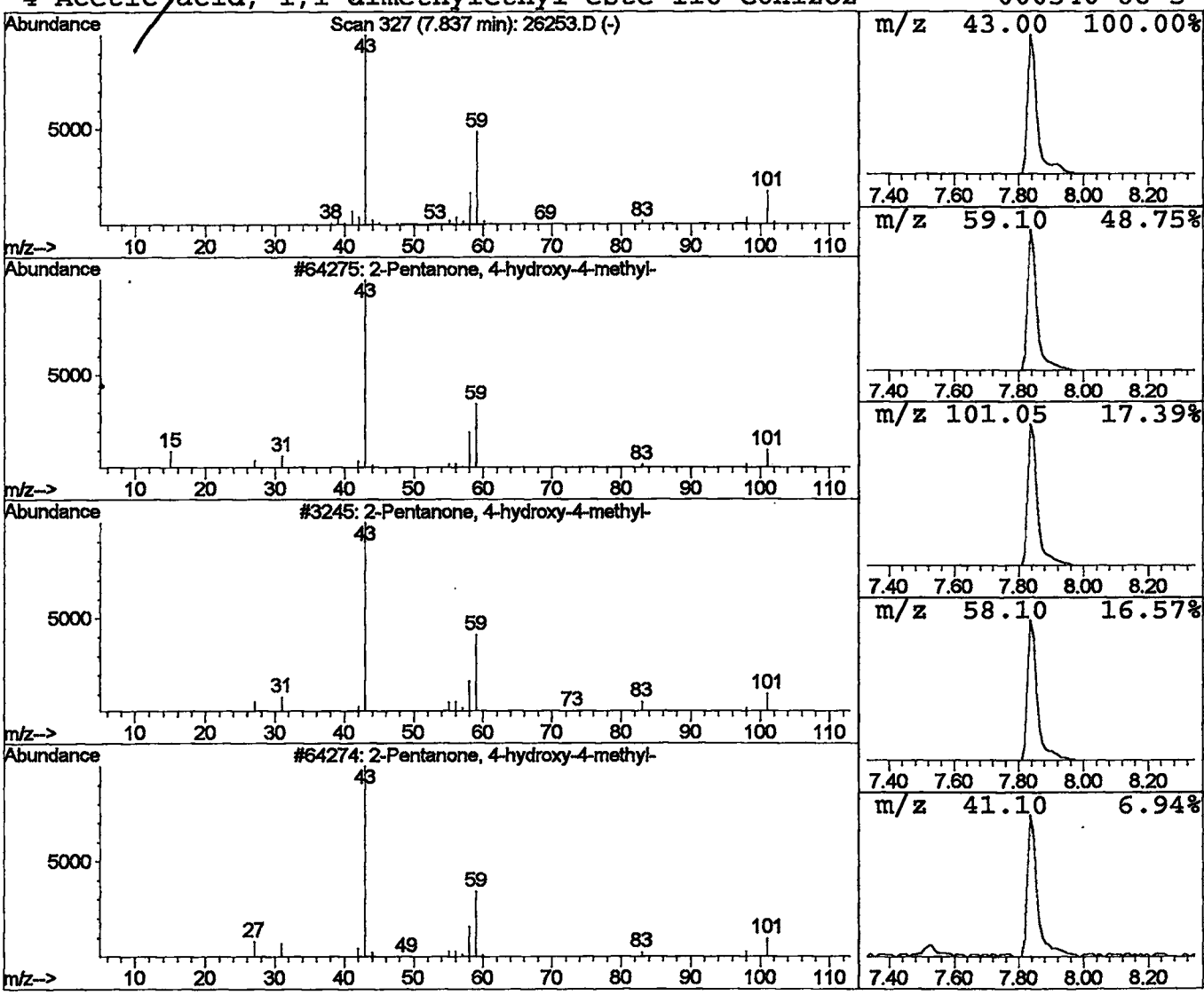
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	7.81 ng/uL	2546830	1,4-Dichlorobenzene-d4	11.88

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	43
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 1 Dec 2001 4:25 pm
Data File: C:\HPCHEM\1\DATA\NOV3001\26253.D
Name: gc/ms unknown 11/3 +26319
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-	5.00	0.5	ng/uL	178187	ISTD01	11.88	6520640	20.0
1-Butanol	5.19	0.4	ng/uL	143771	ISTD01	11.88	6520640	20.0
2-Pentanone, 4-hydro	7.84	7.8	ng/uL	2546830	ISTD01	11.88	6520640	20.0

26253.D NP112701.M Tue Dec 04 10:11:23 2001