User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 14:56:49

Sample: AD26677
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/10/01 14:56 Ended: 12/10/01 14:56 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD26677 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-10-2001 Time: 14:56:54

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\DEC0601\26677.D Vial: 11
Acq On : 6 Dec 2001 7:17 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:19 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	911629	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	3414294	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	1590471	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	2300372	20.00	ng/uL	-0.06
59) Chrysene-d12	33.19	240	1549112	20.00	ng/uL	-0.06
68) Perylene-d12	37.27	264	1080764	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	596	0.01	ng/uL	0.46
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.05	152	1331	0.03	ng/uL	-0.41
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.06%#		
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	1634	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	289	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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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	4019	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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Acq On : 6 Dec 2001 7:17 pm Operator: GALOS
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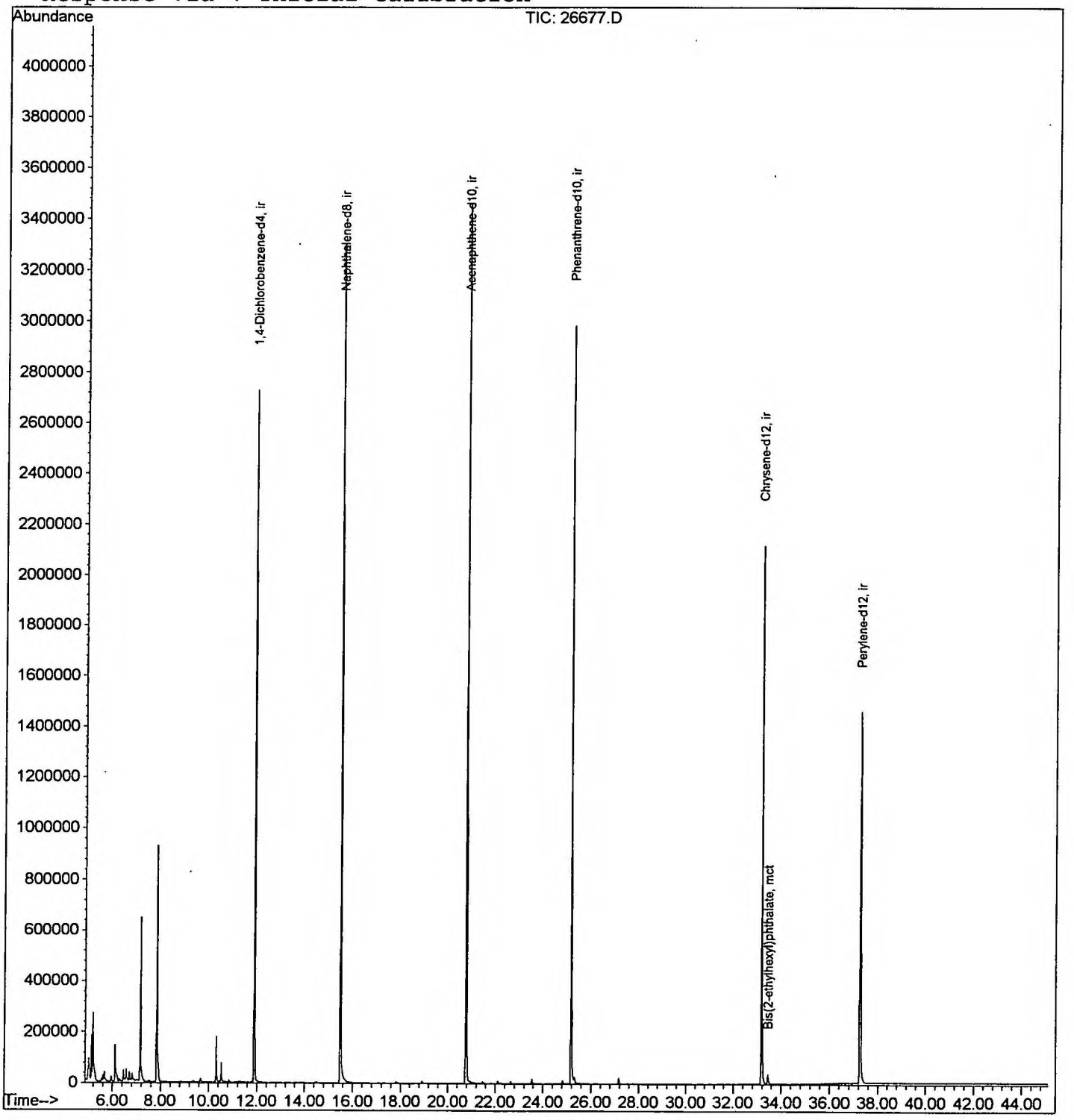
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:19 2001 Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Fri Dec 07 09:59:59 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26677.D Vial: 11
Acq On : 6 Dec 2001 7:17 pm Operator: GALOS
Sample : gc/ms unknown 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

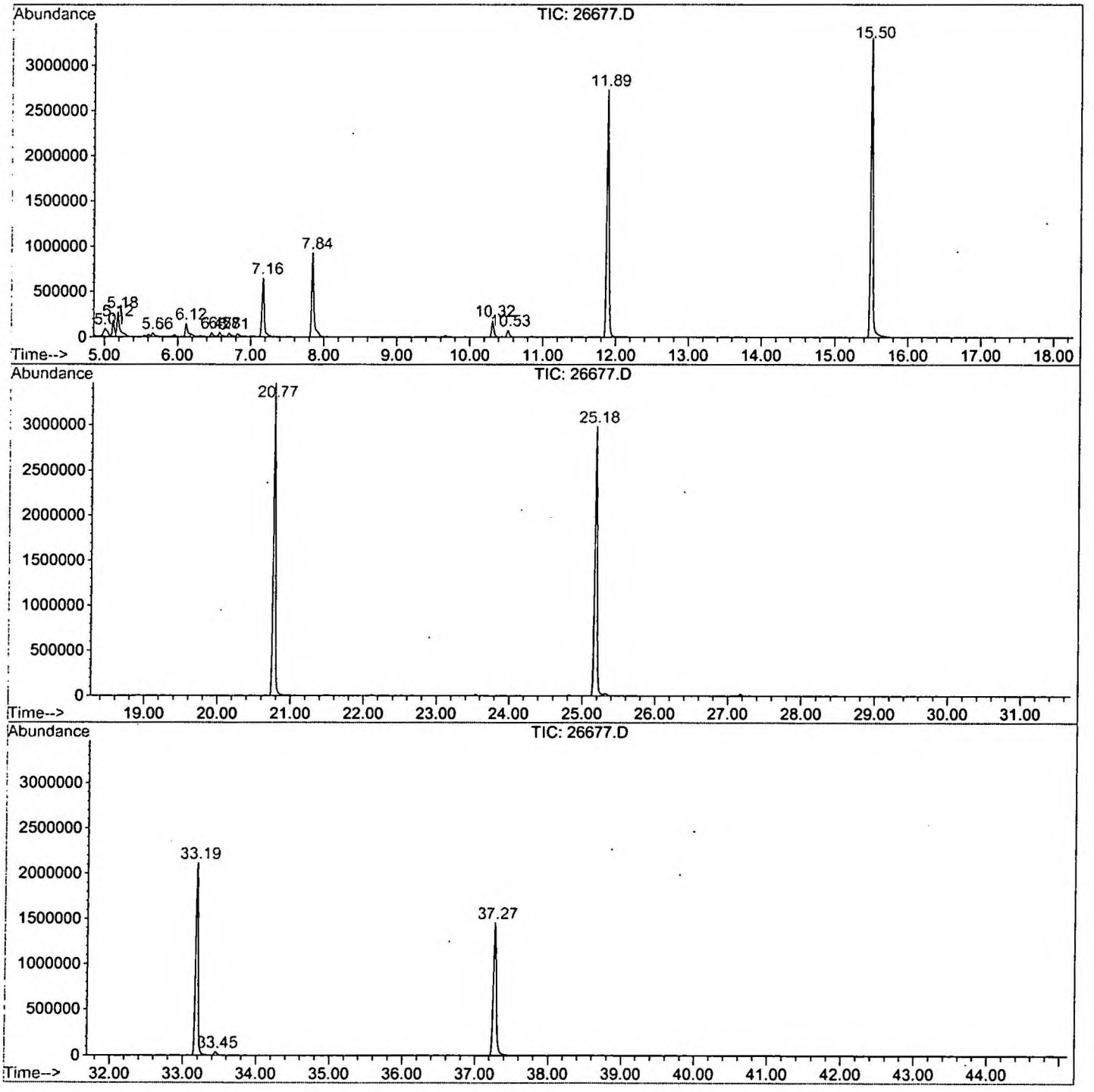
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.010	11	18	26	rBV2	87082	310834	4.47%	0.760%
2	5.120	26	30	34	rVV	178572	332307	4.78%	0.813%
3	5.184	34	37	57	rVB	270002	720706	10.37%	1.763%
4	5.661	86	89	104	rVB2	41222	119481	1.72%	0.292%
5	6.119	135	139	145	rBV	145530	334923	4.82%	0.819%
6	6.468	172	177	182	rBV2	46649	98141	1.41%	0.240%
7	6.578	186	189	200	rVB	48087	103972	1.50%	0.254%
8	6.706	200	203	211	rBV	35680	90171	1.30%	0.221%
9	7.165	248	253	267	rBV	643848	1372784	19.75%	3.358%
10	7.843	323	327	344	rBV	927405	1937468	27.88%	4.740%
11	10.319	592	597	604	rBV	181204	379304	5.46%	0.928%
12	10.530	616	620	629	rBV	77034	163859	2.36%	0.401%
13	11.887	762	768	781	rBV	2727126	5611375	80.75%	13.727%
14	15.500	1156	1162	1180	rBV	3298648	6924685	99.65%	16.940%
15	20.773	1731	1737	1752	rBV	3460723	6949198	100.00%	17.000%
16	25.184	2211	2218	2229	rBV2	2981458	6425755	92.47%	15.719%
17	33.189	3084	3091	3105	rBV2	2114950	4924940	70.87%	12.048%
18	33.446	3114	3119	3128	rBV	37975	100475	1.45%	0.246%
19	37.270	3529	3536	3552	rBV2	1453501	3977809	57.24%	9.731%

Sum of corrected areas: 40878187

26677.D NP112701.M Fri Dec 07 14:52:13 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\26677.D
Operator : GALOS
Acquired : 6 Dec 2001 7:17 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 11
Quant File :NP112701.RES (RTE Integrator)



26677.D NP112701.M Fri Dec 07 14:52:15 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26677.D Vial: 11
Acq On : 6 Dec 2001 7:17 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

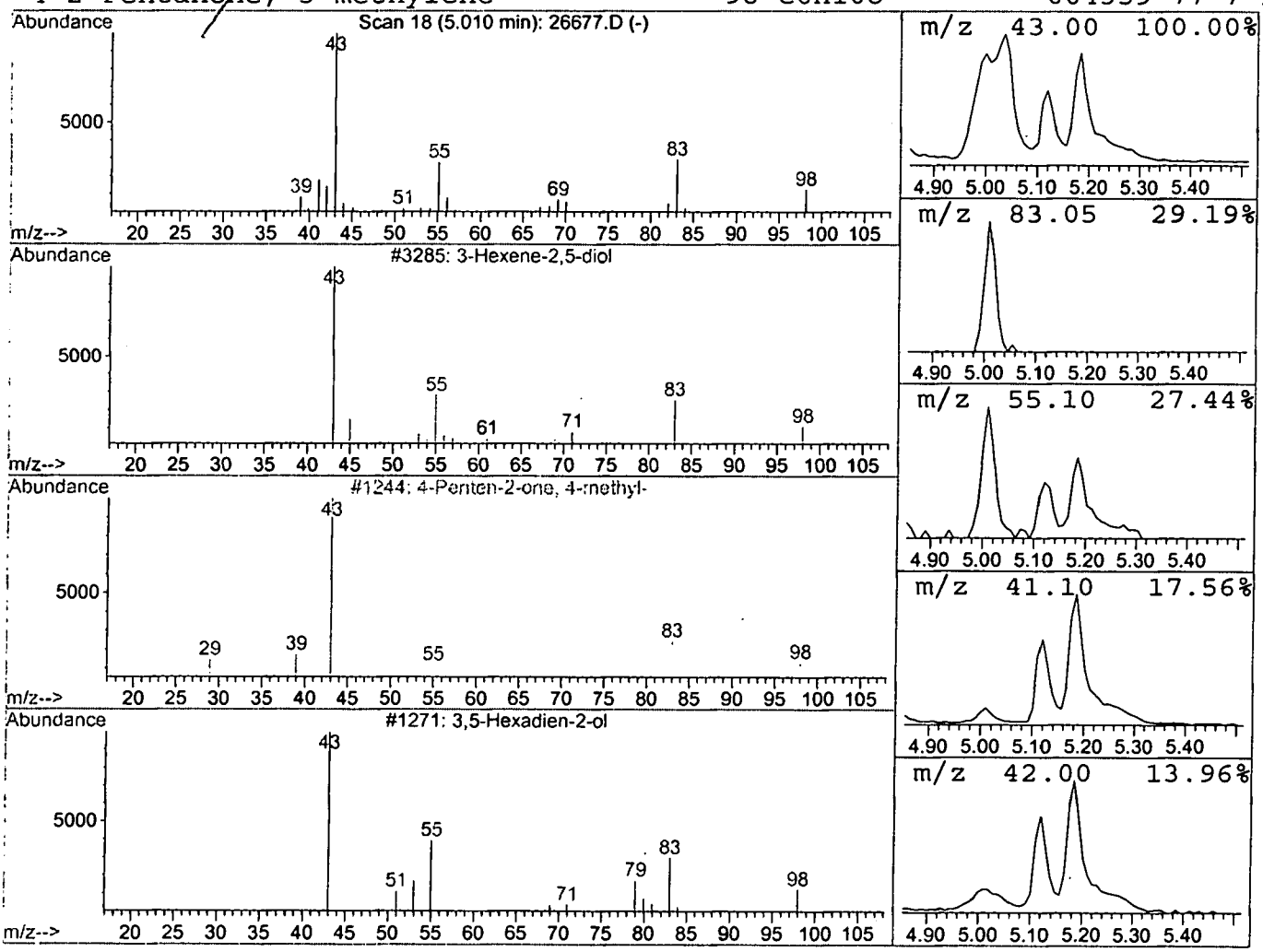
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexene-2,5-diol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	1.11 ng/uL	310834	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexene-2,5-diol	116	C6H12O2	007319-23-5	45
2	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	42
3	3,5-Hexadien-2-ol	98	C6H10O	003280-51-1	33
4	2-Pentanone, 3-methylene-	98	C6H10O	004359-77-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26677.D Vial: 11
Acq On : 6 Dec 2001 7:17 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

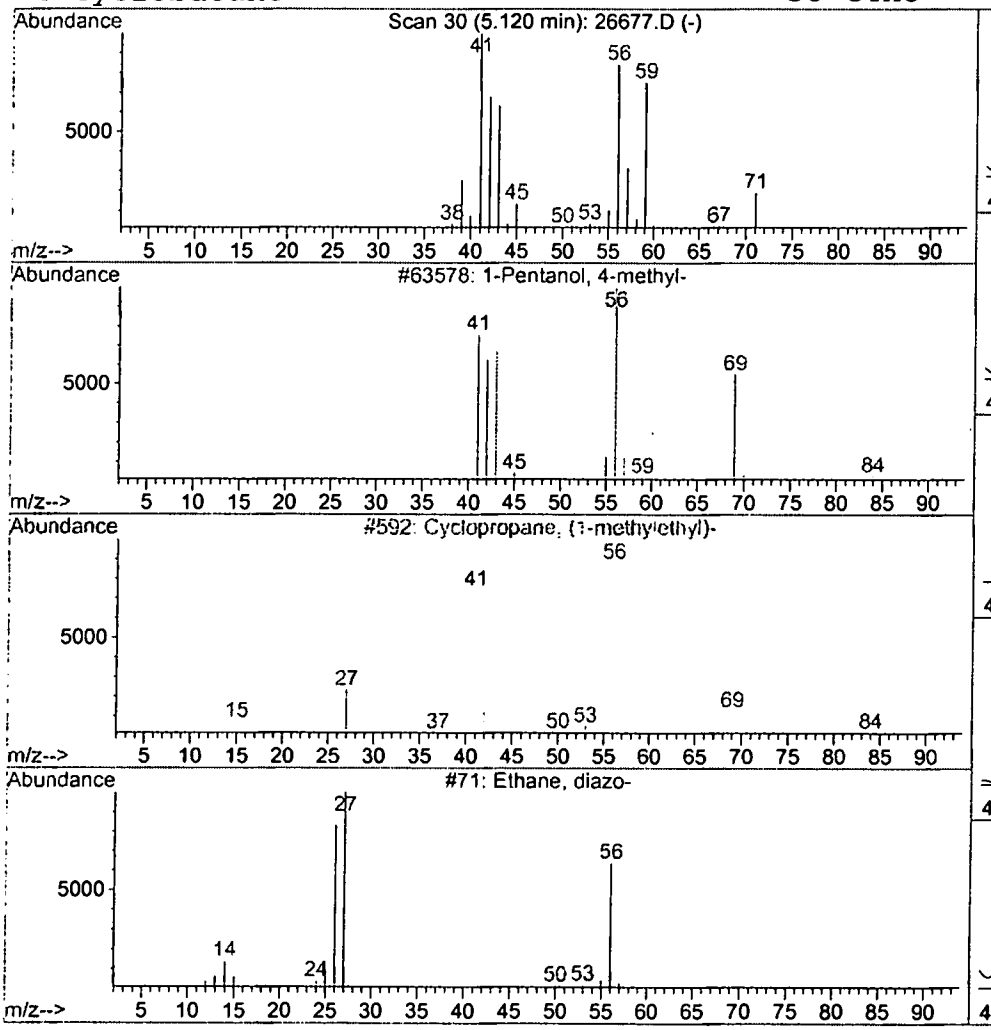
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

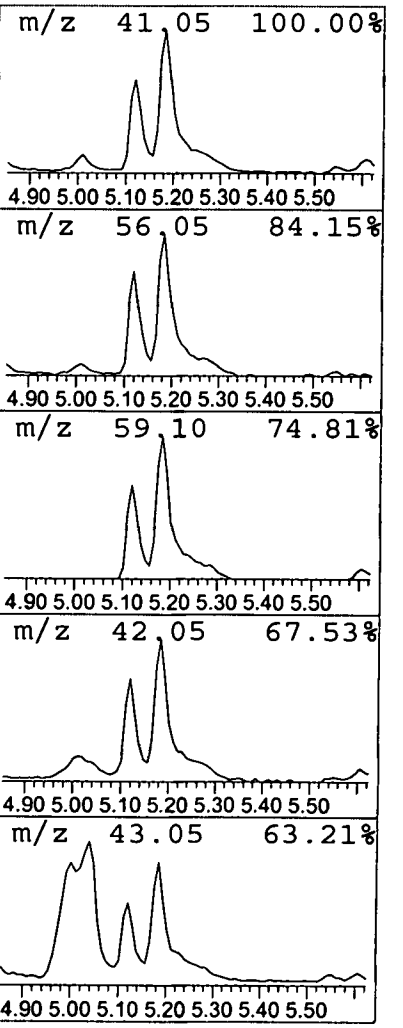
****

Peak Number 2 1-Pentanol, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.12	1.18 ng/uL	332307	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	25
2	Cyclopropane, (1-methylethyl)-	84	C6H12	003638-35-5	12
3	Ethane, diazo-	56	C2H4N2	001117-96-0	12
4	Cyclobutane	56	C4H8	000287-23-0	12





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26677.D
Acq On : 6 Dec 2001 7:17 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

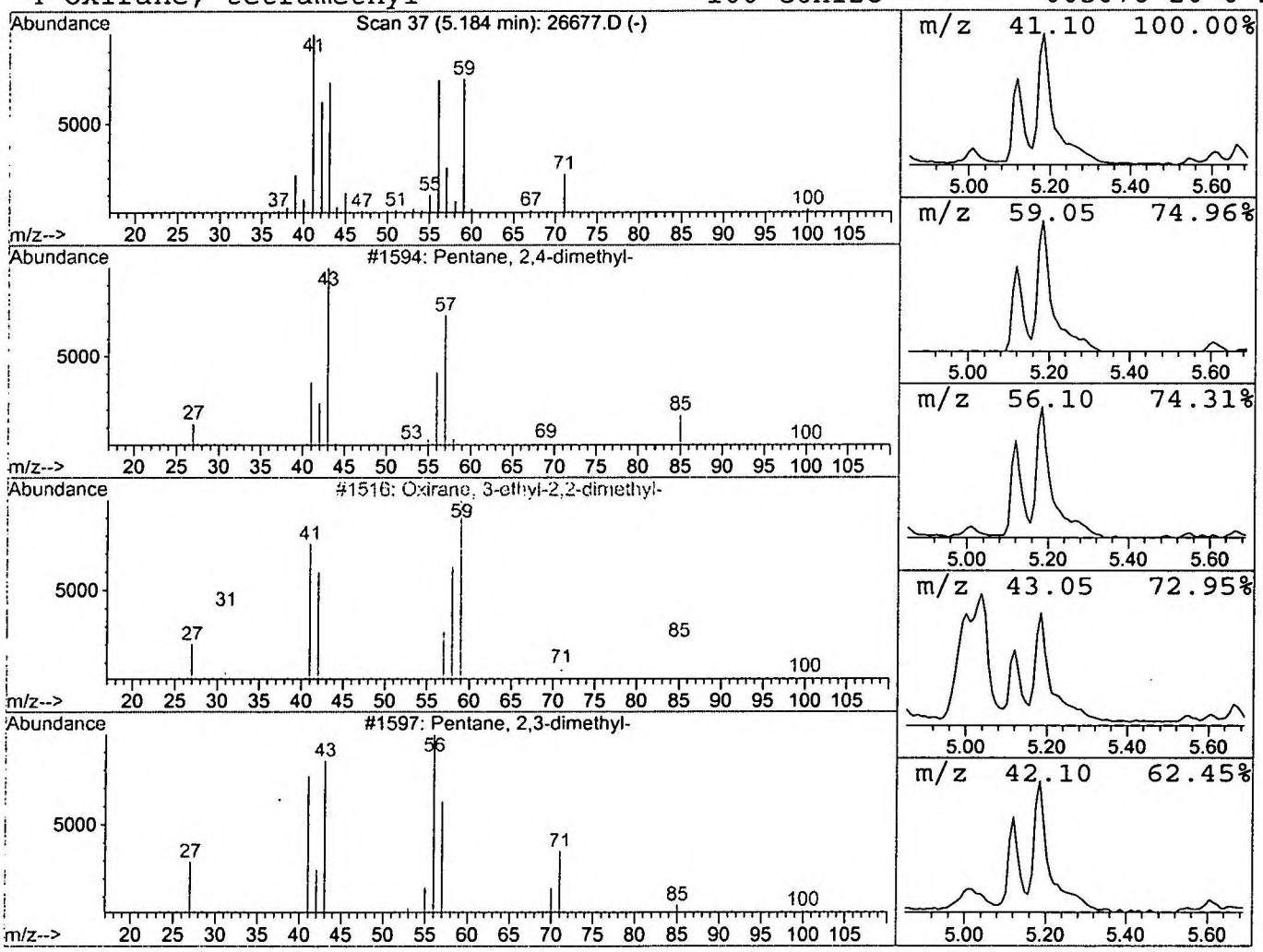
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Pentane, 2,4-dimethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	2.57 ng/uL	720706	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38
2	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	38
3	Pentane, 2,3-dimethyl-	100	C7H16	000565-59-3	35
4	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	27



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26677.D
Acq On : 6 Dec 2001 7:17 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

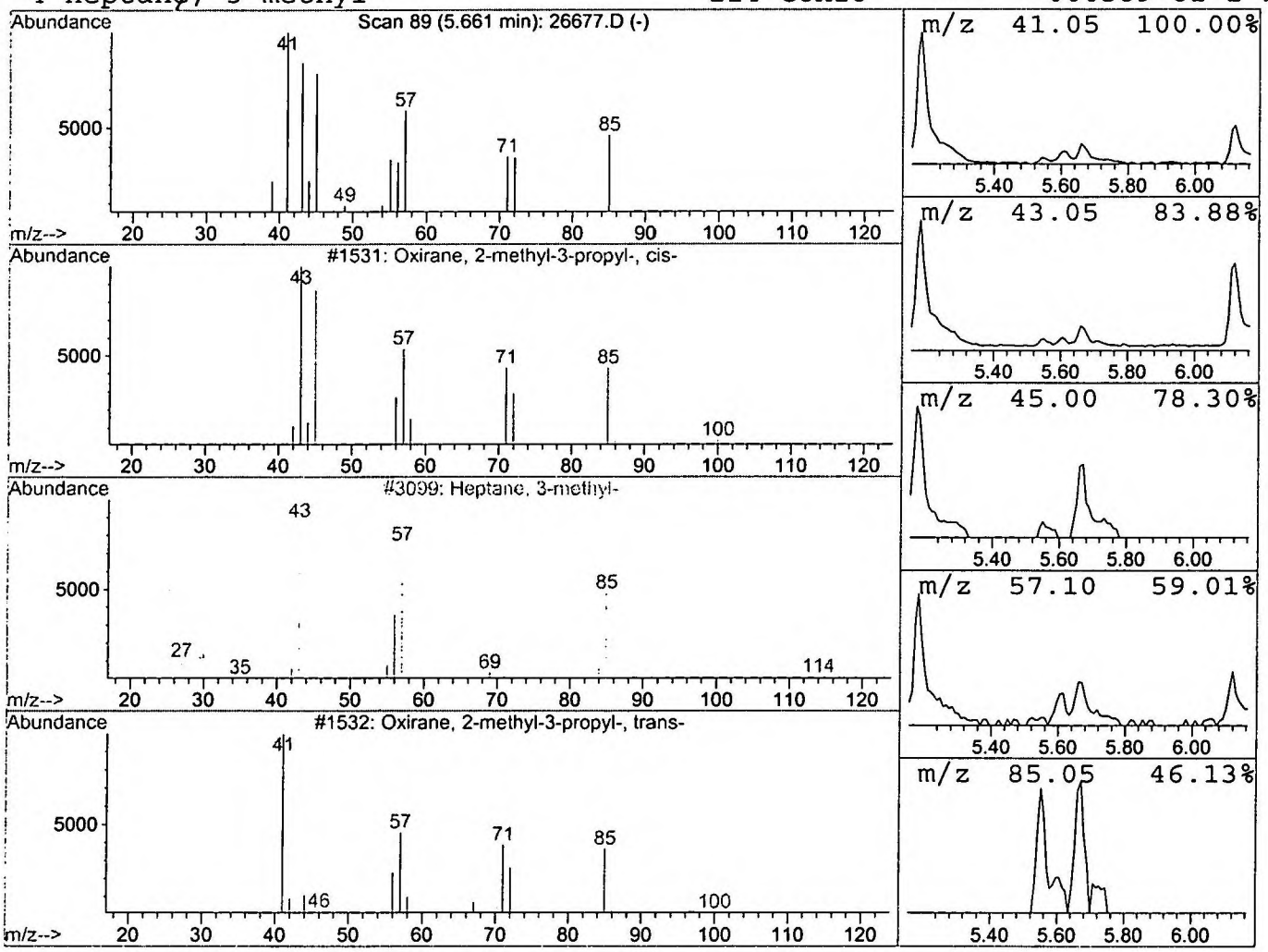
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.66	0.43 ng/uL	119481	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	64
2	Heptane, 3-methyl-	114	C8H18	000589-81-1	12
3	Oxirane, 2-methyl-3-propyl-, trans-	100	C6H12O	006124-91-0	12
4	Heptane, 3-methyl-	114	C8H18	000589-81-1	12



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26677.D Vial: 11
Acq On : 6 Dec 2001 7:17 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

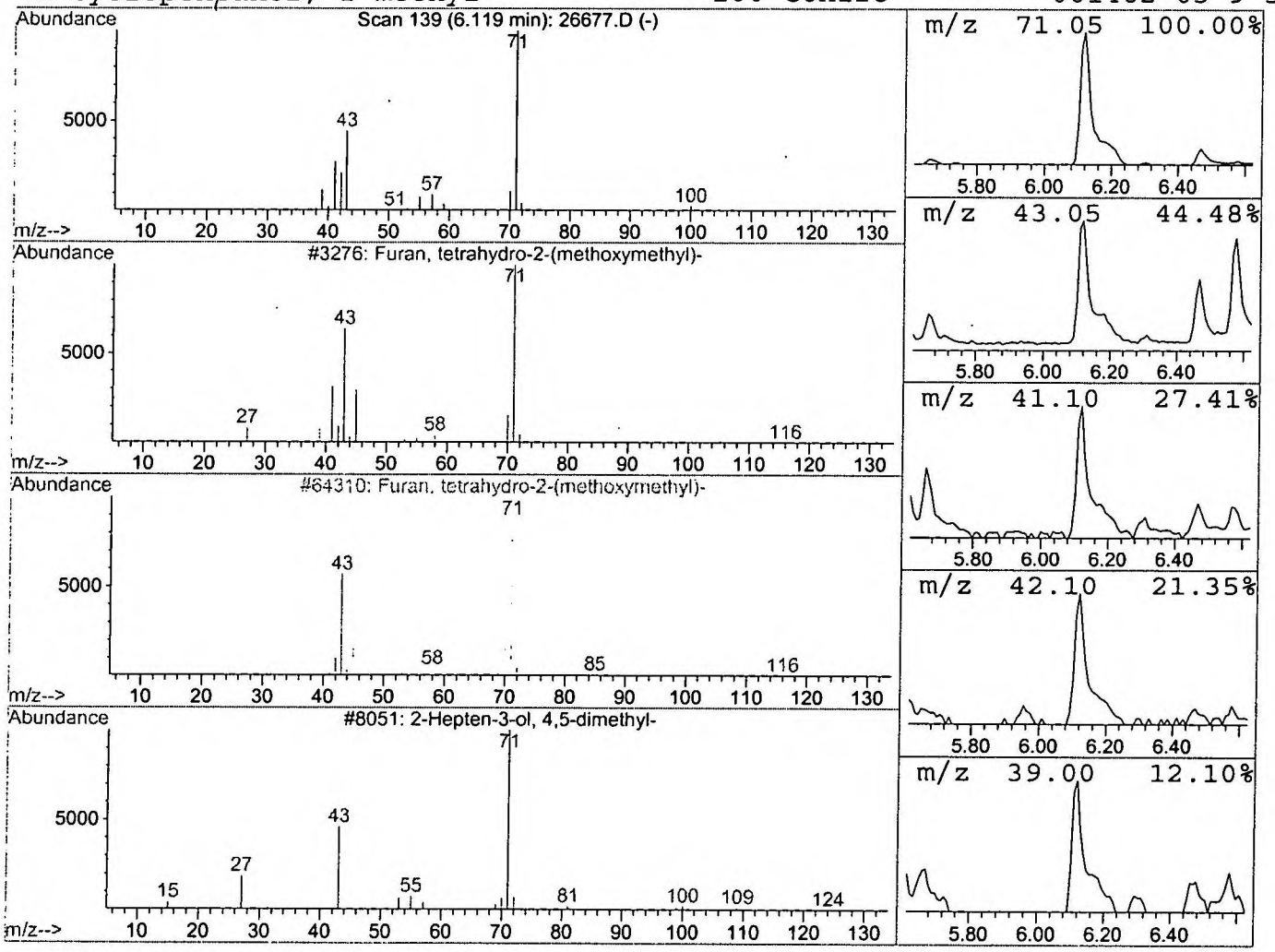
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Furan, tetrahydro-2-(methoxyme Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	1.19 ng/uL	334923	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, tetrahydro-2-(methoxymethyl)	116	C6H12O2	019354-27-9	38
2	Furan, tetrahydro-2-(methoxymethyl)	116	C6H12O2	019354-27-9	38
3	2-Hepten-3-ol, 4,5-dimethyl-	142	C9H18O	055956-37-1	38
4	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	38



Library Search Compound Report

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Acq On : 6 Dec 2001 7:17 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

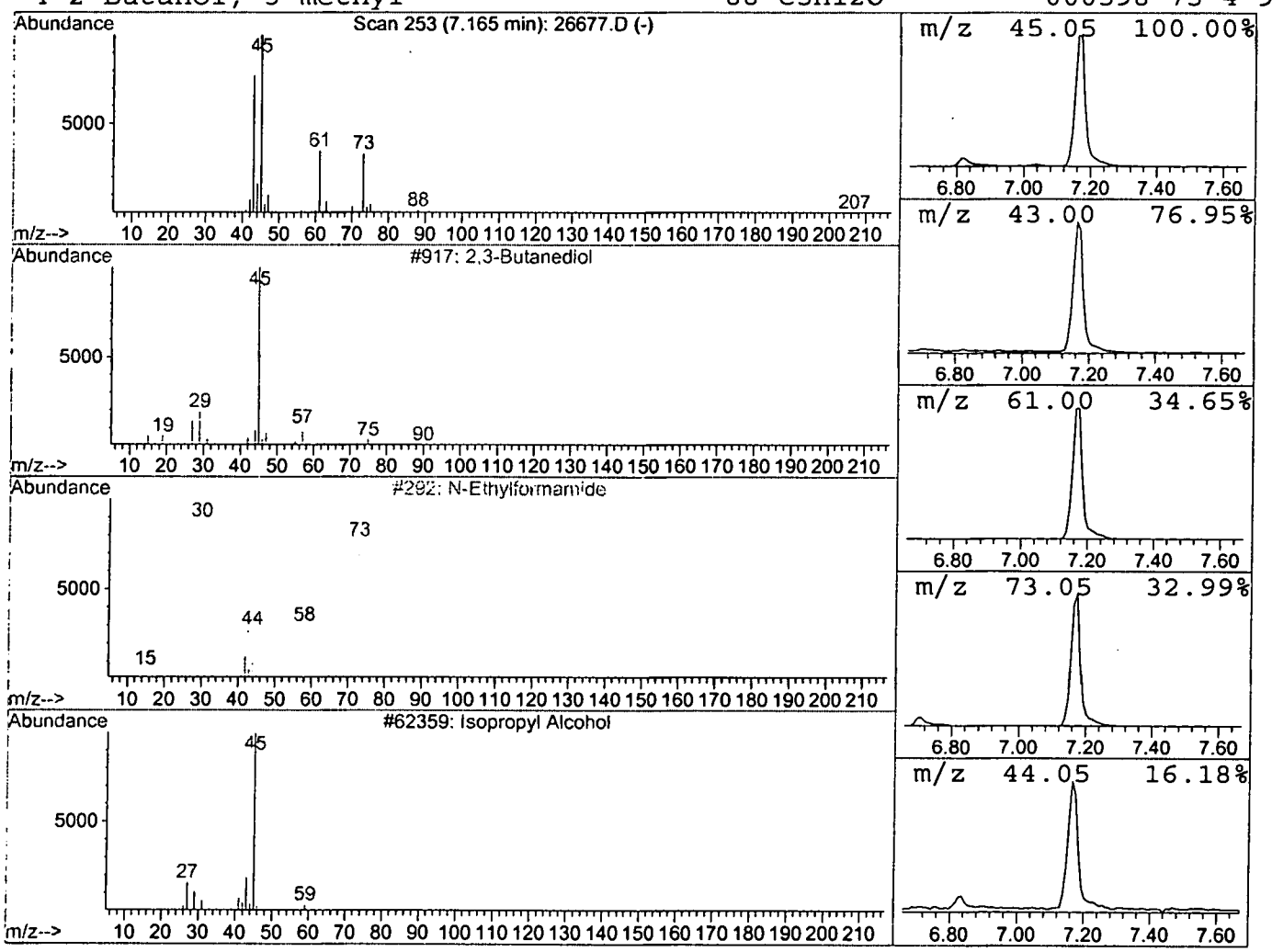
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2,3-Butanediol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.16	4.89 ng/uL	1372780	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Butanediol	90	C4H10O2	000513-85-9	28
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Isopropyl Alcohol	60	C3H8O	000067-63-0	9
4	2-Butanol, 3-methyl-	88	C5H12O	000598-75-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26677.D
Acq On : 6 Dec 2001 7:17 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

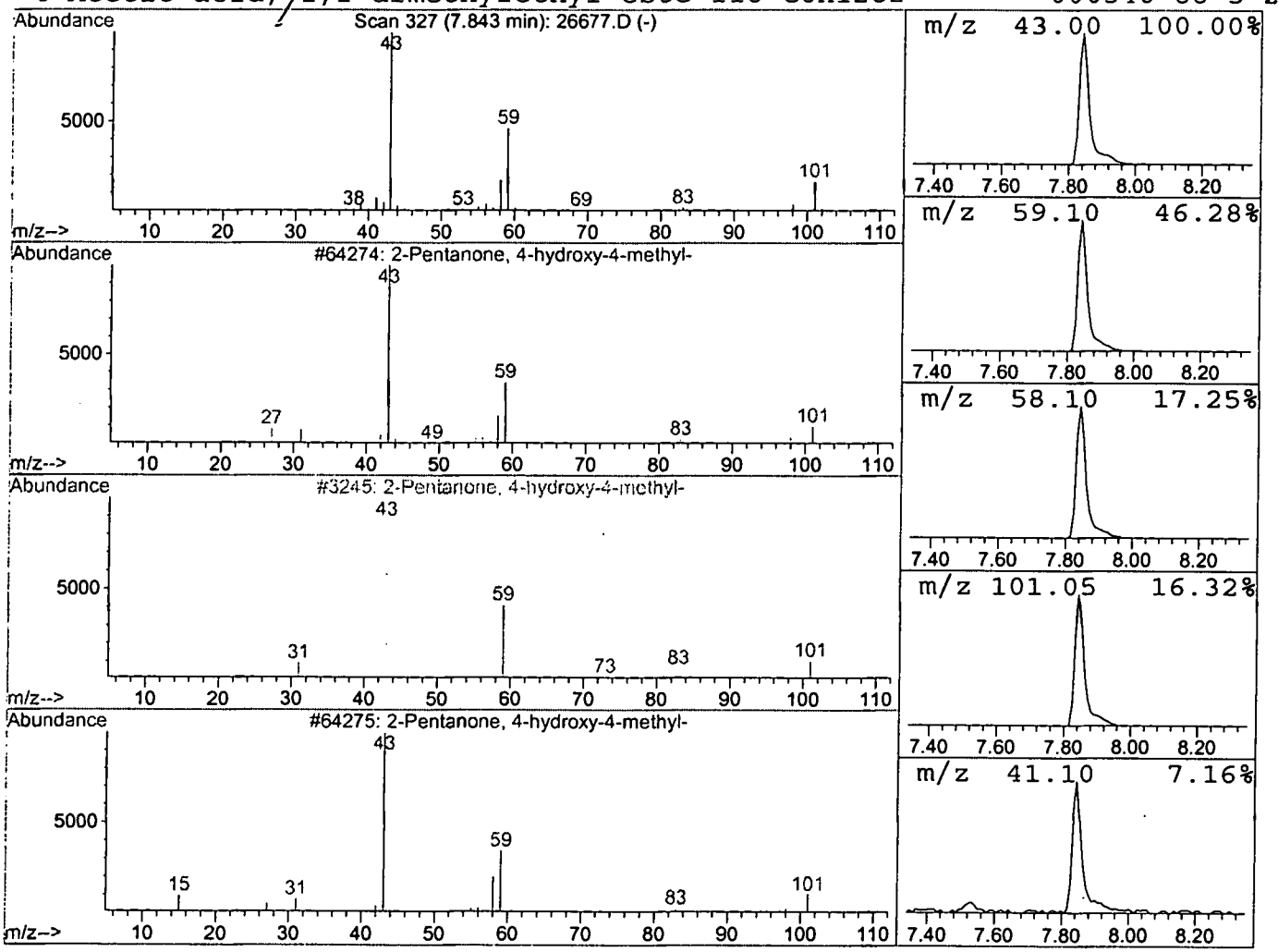
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	6.91 ng/uL	1937470	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	83
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	38
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

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Acq On : 6 Dec 2001 7:17 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

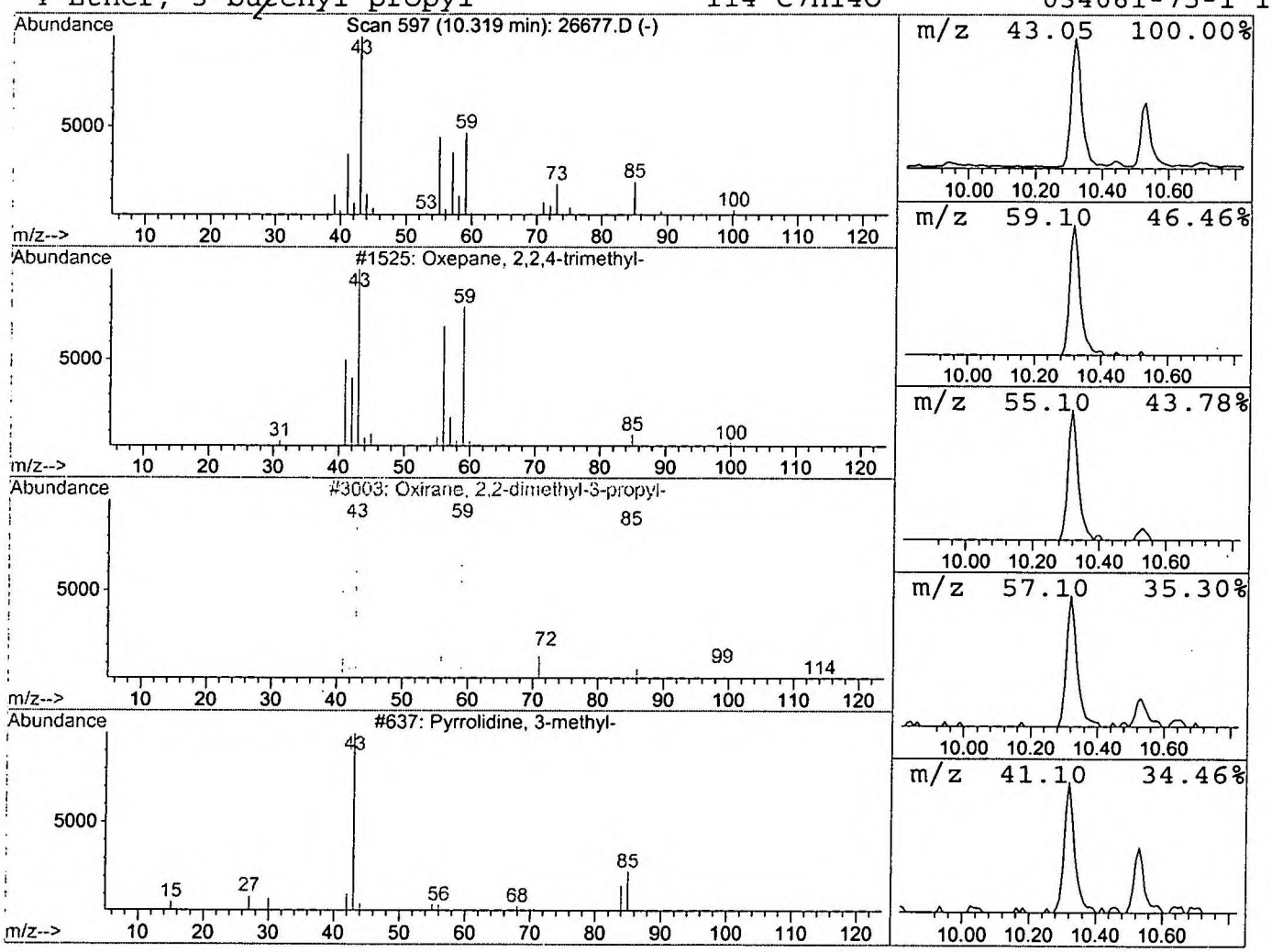
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 8 Oxepane, 2,2,4-trimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	1.35 ng/uL	379304	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxepane, 2,2,4-trimethyl-	100	C6H12O	023120-44-7	23
2	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	17
3	Pyrrolidine, 3-methyl-	85	C5H11N	034375-89-8	14
4	Ether, 3-butenyl propyl	114	C7H14O	034061-75-1	12



Library Search Compound Report

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Acq On : 6 Dec 2001 7:17 pm Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
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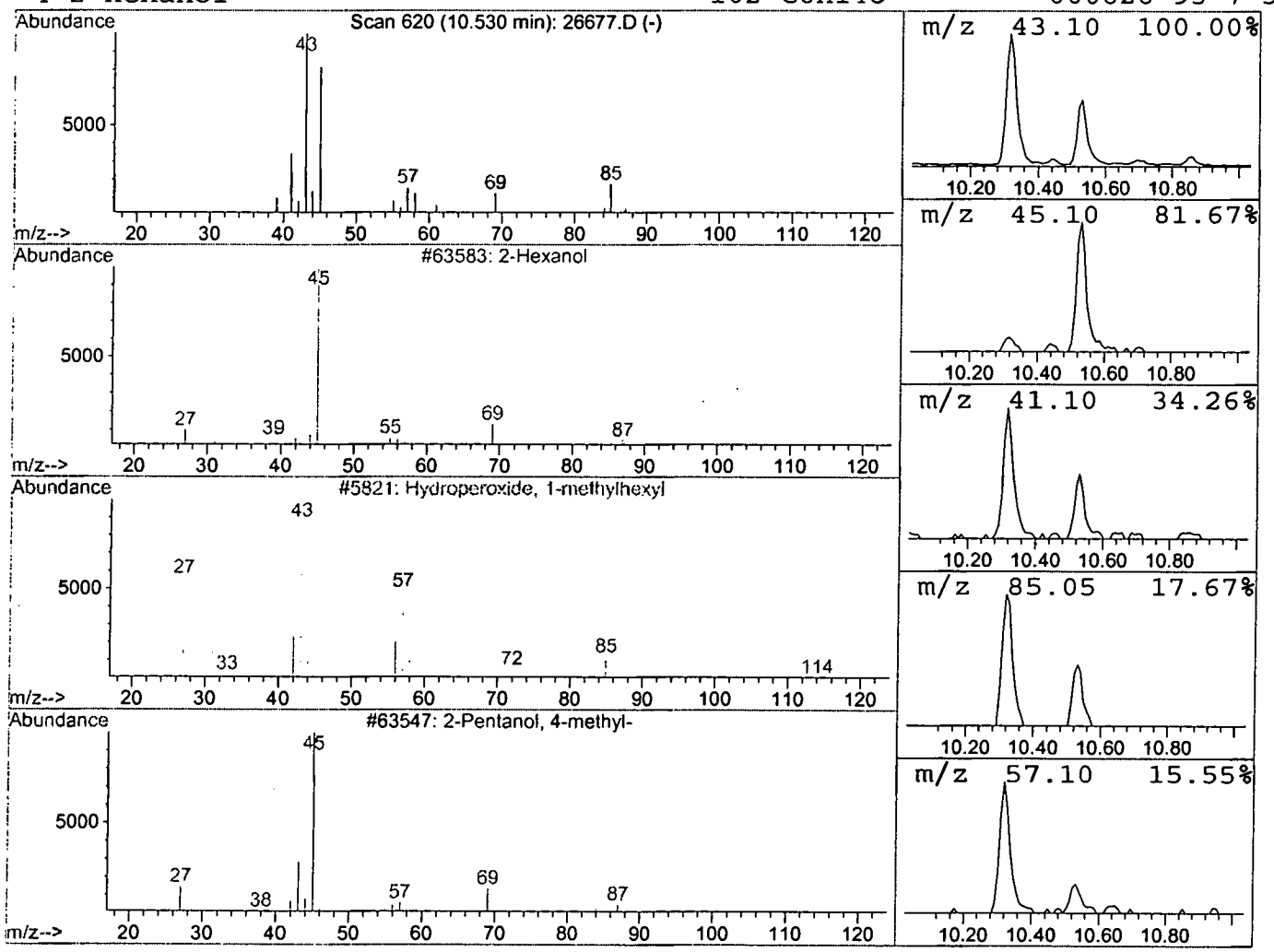
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 9 2-Hexanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	0.58 ng/uL	163859	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	40
2	Hydroperoxide, 1-methylhexyl	132	C7H16O2	000762-46-9	38
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	36
4	2-Hexanol	102	C6H14O	000626-93-7	36



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 6 Dec 2001 7:17 pm
Data File: C:\HPCHEM\1\DATA\DEC0601\26677.D
Name: gc/ms unknown
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
3-Hexene-2,5-diol	5.01	1.1	ng/uL	310834	ISTD01	11.89	5611380	20.0
1-Pentanol, 4-methyl	5.12	1.2	ng/uL	332307	ISTD01	11.89	5611380	20.0
Pentane, 2,4-dimethy	5.18	2.6	ng/uL	720706	ISTD01	11.89	5611380	20.0
Oxirane, 2-methyl-3-	5.66	0.4	ng/uL	119481	ISTD01	11.89	5611380	20.0
Furan, tetrahydro-2-	6.12	1.2	ng/uL	334923	ISTD01	11.89	5611380	20.0
2,3-Butanediol	7.16	4.9	ng/uL	1372780	ISTD01	11.89	5611380	20.0
2-Pentanone, 4-hydro	7.84	6.9	ng/uL	1937470	ISTD01	11.89	5611380	20.0
Oxepane, 2,2,4-trime	10.32	1.4	ng/uL	379304	ISTD01	11.89	5611380	20.0
2-Hexanol	10.53	0.6	ng/uL	163859	ISTD01	11.89	5611380	20.0

26677.D NP112701.M Fri Dec 07 14:52:36 2001

Comments for Sample AD26677 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-16-2001 Time: 11:22:25

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 the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.36 ug/L.