User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/11/2001 Time: 16:55:43

Sample: AD26983
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/11/01 16:55 Ended: 12/11/01 16:55 Analyst: MG
Page: 1

	Component Name	Viol	Result	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

Comments for Sample AD26983 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-11-2001 Time: 16:55:47

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\26983.D Vial: 25
Acq On : 7 Dec 2001 7:59 am Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 11 11:37 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	1170461	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	4448077	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	1994111	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	2905326	20.00	ng/uL	-0.06
59) Chrysene-d12	33.19	240	1847726	20.00	ng/uL	-0.06
68) Perylene-d12	37.27	264	1314889	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	1103	0.01	ng/uL	0.46
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.10	152	4059	0.08	ng/uL	-0.36
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.16%#		
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	2119	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	5.05	79	296	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.

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

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	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
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.	
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	22.28	149	2291	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	27.17	149	4407	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	

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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
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	33.19	228	3796	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.45	149	11433	N.D.	
67)	Chrysene	33.19	228	3796	N.D.	
69)	Di-n-Octylphthalate	0.00	149	0	N.D.	
70)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
71)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
72)	Benzo(a)pyrene	37.28	252	4308	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.	

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Acq On : 7 Dec 2001 7:59 am Operator: GALOS
Sample : gc/ms unknown Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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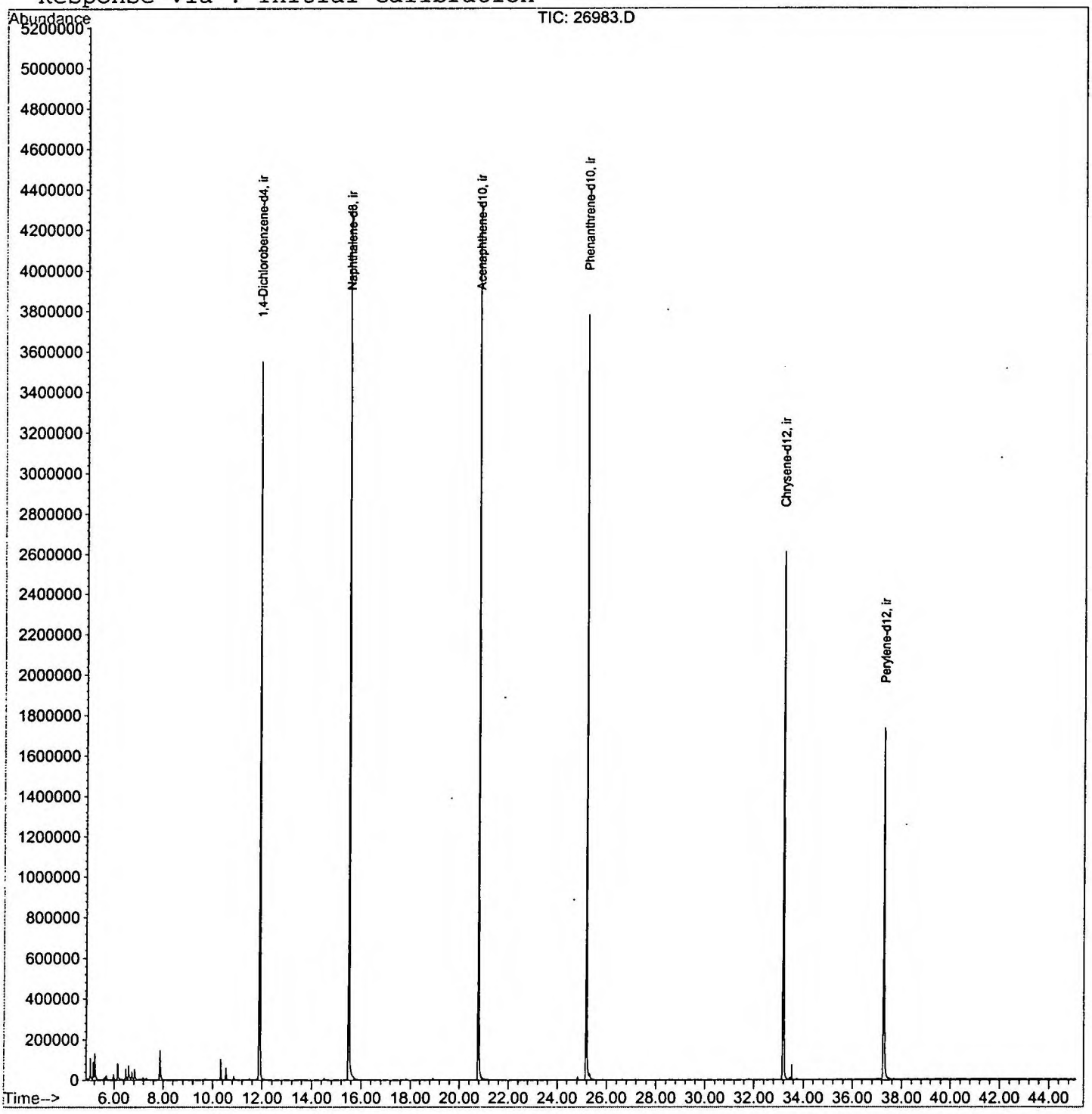


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26983.D Vial: 25
Acq On : 7 Dec 2001 7:59 am 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

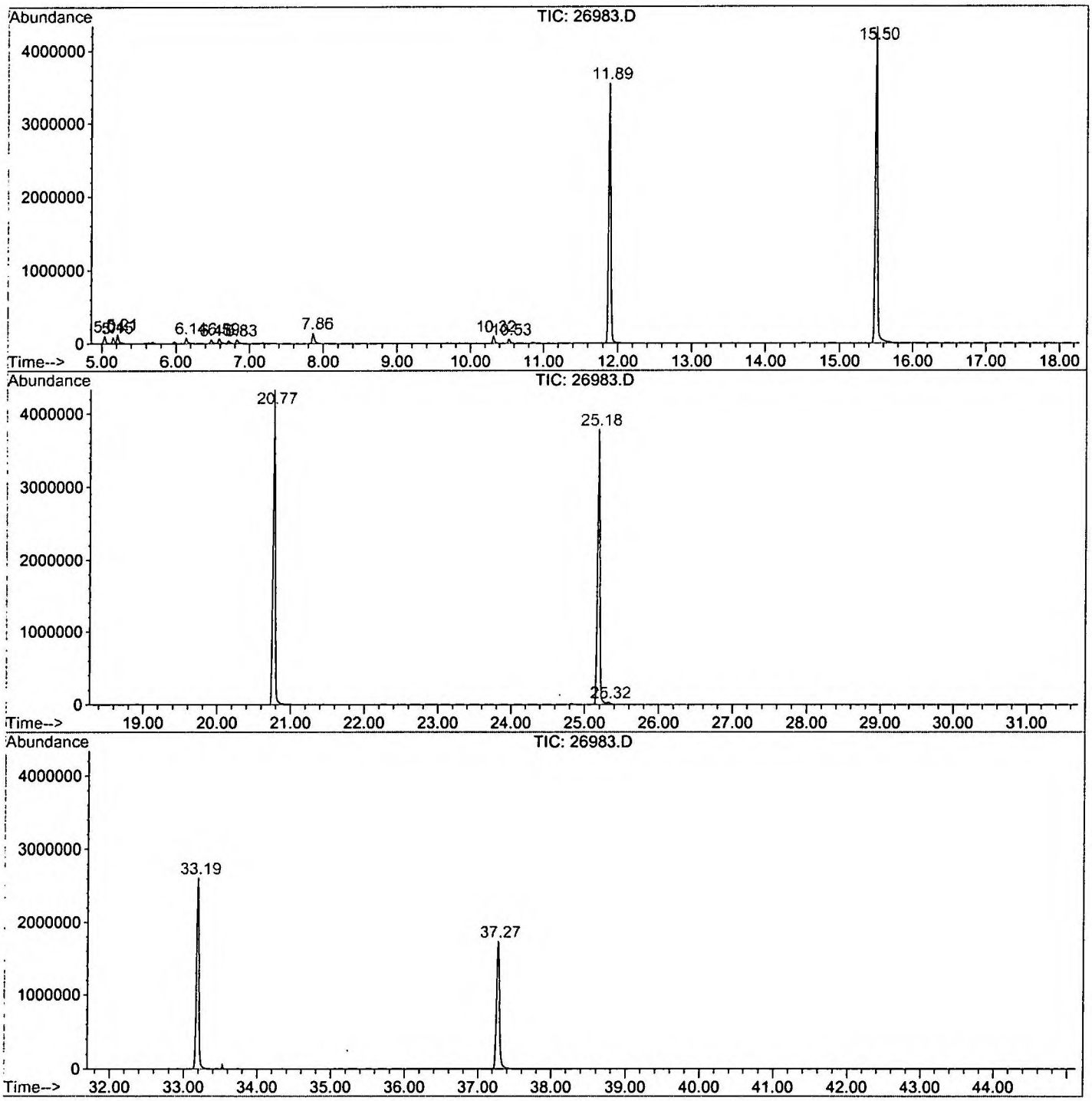
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.037	13	21	26	rBV	105659	195594	2.17%	0.429%
2	5.147	30	33	37	rBV	85638	146795	1.63%	0.322%
3	5.211	37	40	46	rVB	120422	204022	2.27%	0.447%
4	6.138	137	141	154	rBV	84329	191338	2.13%	0.419%
5	6.477	173	178	187	rBV	56186	121759	1.35%	0.267%
6	6.587	187	190	200	rVV	70942	160160	1.78%	0.351%
7	6.825	213	216	226	rVV2	51872	111600	1.24%	0.245%
8	7.861	326	329	341	rBV	146355	321517	3.57%	0.704%
9	10.319	590	597	605	rBV	105021	194599	2.16%	0.426%
10	10.530	614	620	629	rBV	62306	122871	1.36%	0.269%
11	11.887	763	768	782	rBV	3548983	7201248	79.98%	15.777%
12	15.500	1155	1162	1181	rBV	4306152	9003284	100.00%	19.725%
13	20.773	1731	1737	1753	rBV	4336341	8747665	97.16%	19.165%
14	25.184	2211	2218	2229	rBV2	3780874	8101008	89.98%	17.748%
15	25.321	2229	2233	2244	rVB3	31631	103148	1.15%	0.226%
16	33.189	3084	3091	3115	rBV2	2610218	5914189	65.69%	12.957%
17	37.270	3527	3536	3556	rBV2	1731645	4803063	53.35%	10.523%

Sum of corrected areas: 45643860

26983.D NP112701.M Tue Dec 11 14:49:27 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\26983.D
Operator : GALOS
Acquired : 7 Dec 2001 7:59 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 25
Quant File :NP112701.RES (RTE Integrator)



26983.D NP112701.M Tue Dec 11 14:49:29 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26983.D
Acq On : 7 Dec 2001 7:59 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

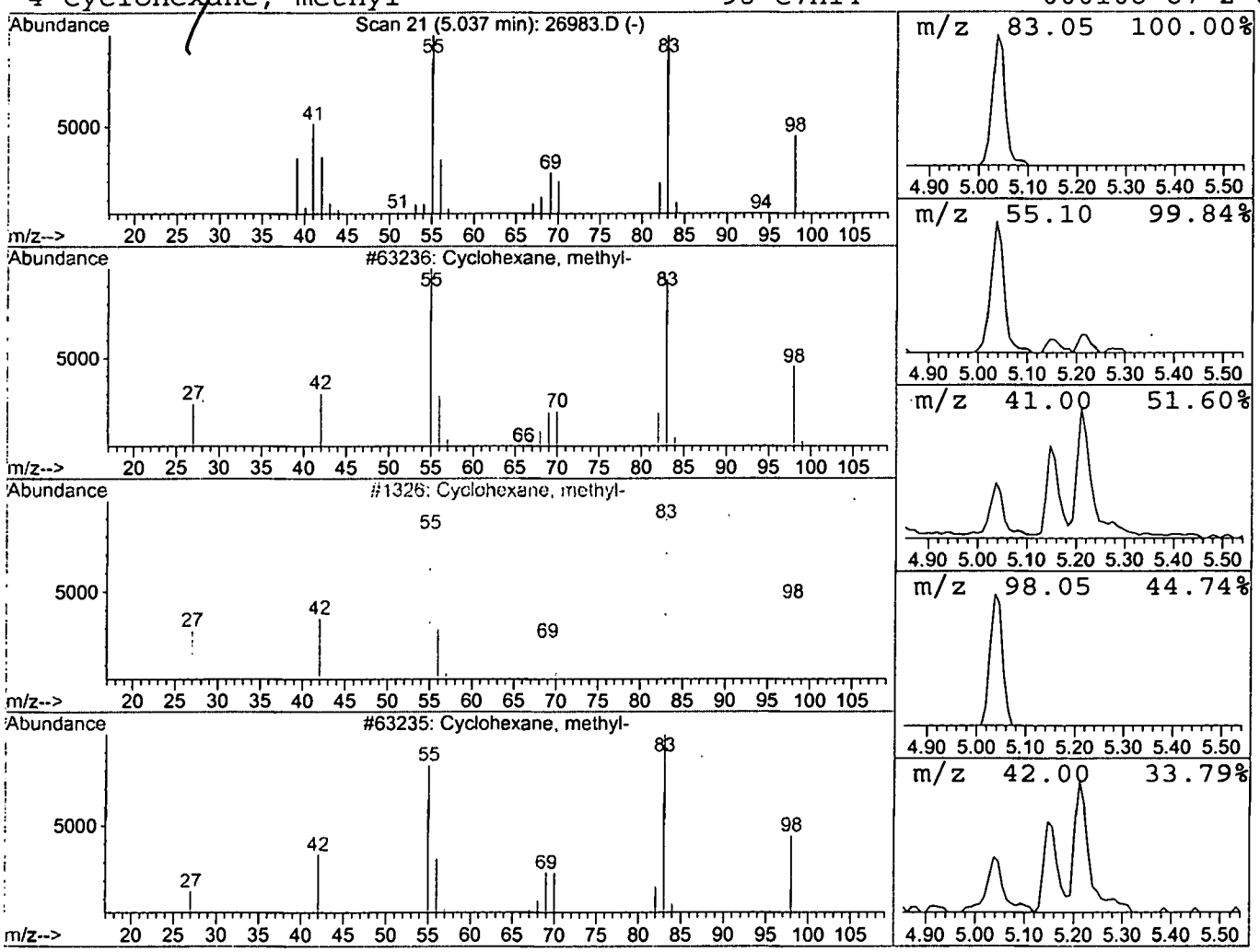
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.04	0.54 ng/uL	195594	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	95
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26983.D
Acq On : 7 Dec 2001 7:59 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

Vial: 25
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

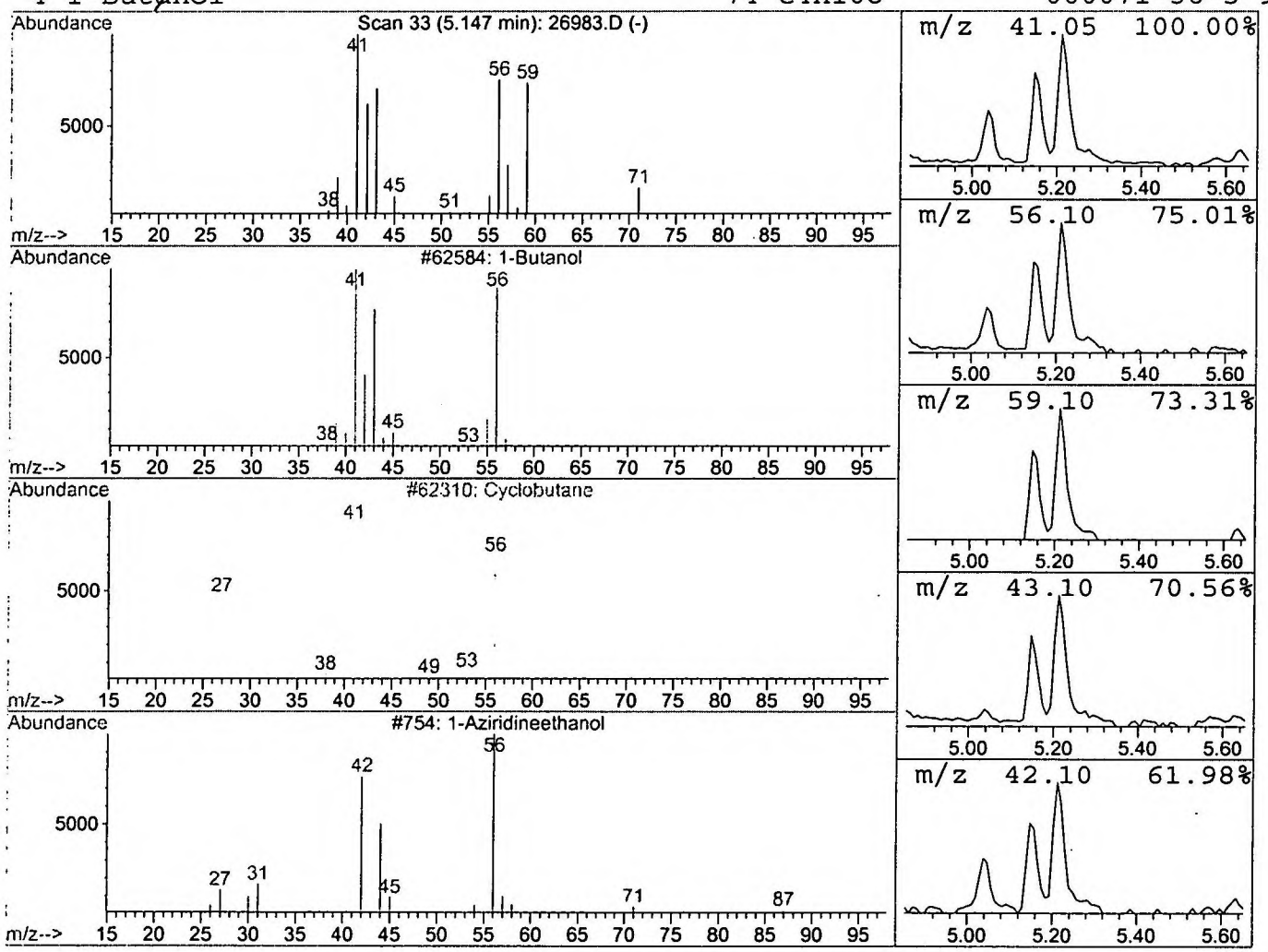
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Butanol — Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.15	0.41 ng/uL	146795	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	25
2	Cyclobutane	56	C4H8	000287-23-0	9
3	1-Aziridineethanol	87	C4H9NO	001072-52-2	9
4	1-Butanol	74	C4H10O	000071-36-3	9



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Multiplr: 1.00

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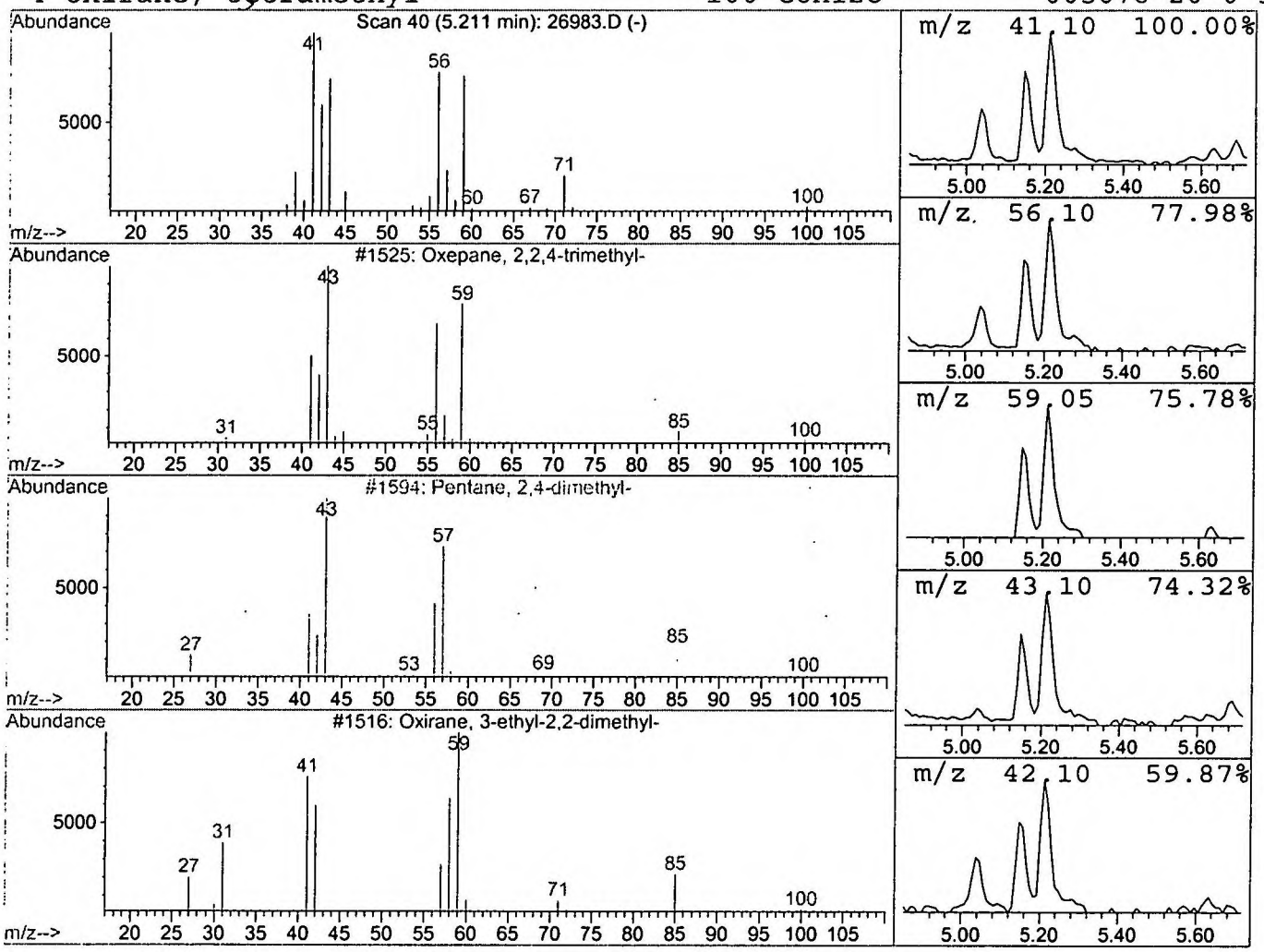
****

Peak Number 3 Oxepane, 2,2,4-trimethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.21	0.57 ng/uL	204022	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	42
2	Pentane, 2,4-dimethyl-	100	C7H16	000108-08-7	38
3	Oxirane, 3-ethyl-2,2-dimethyl-	100	C6H12O	001192-22-9	38
4	Oxirane, tetramethyl-	100	C6H12O	005076-20-0	35



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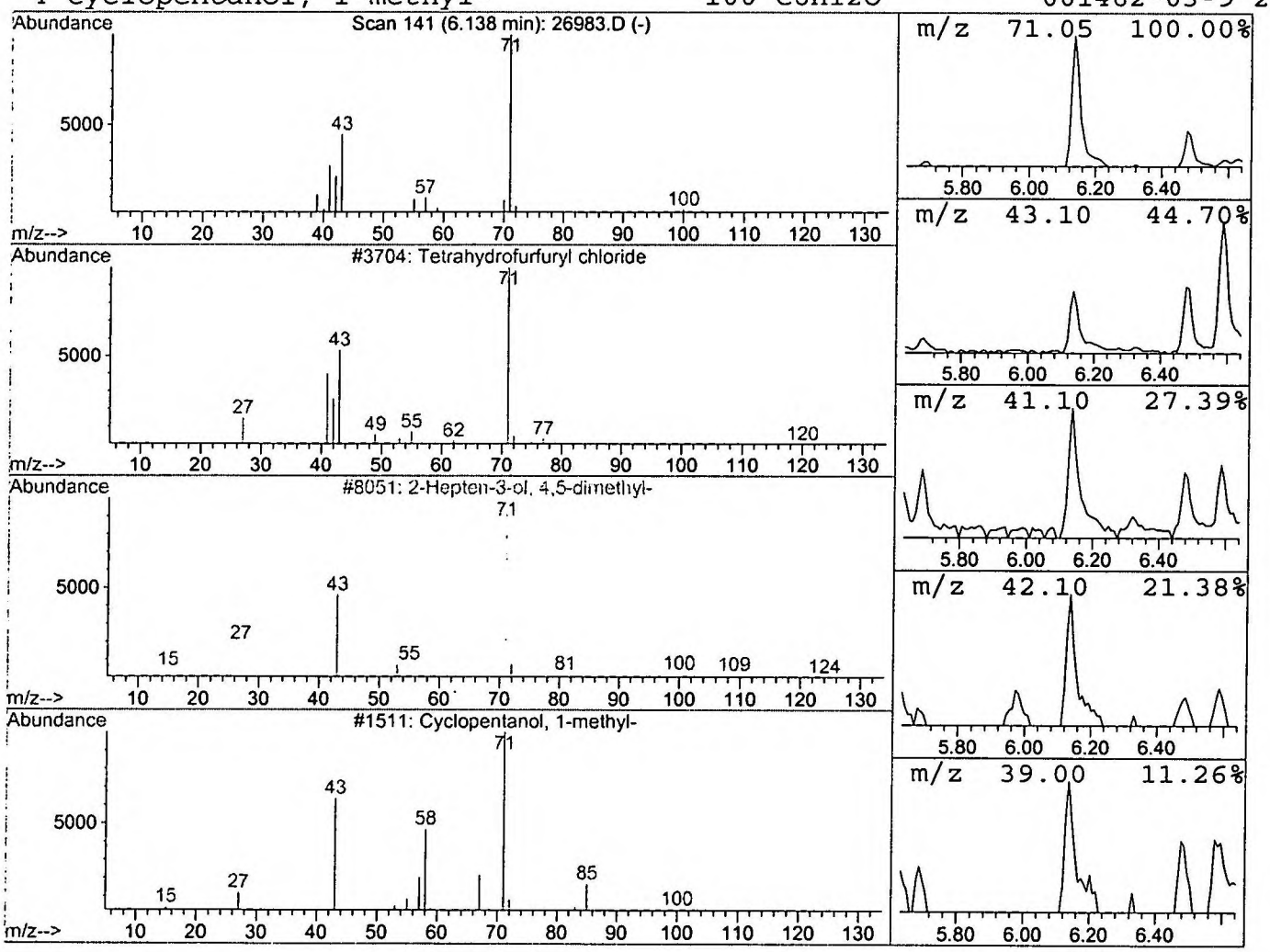
****

Peak Number 4 Tetrahydrofurfuryl chloride Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	0.53 ng/uL	191338	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrahydrofurfuryl chloride	120	C5H9ClO	003003-84-7	50
2	2-Hepten-3-ol, 4,5-dimethyl-	142	C9H18O	055956-37-1	38
3	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	36
4	Cyclopentanol, 1-methyl-	100	C6H12O	001462-03-9	28



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MS Integration Params: LSCINT.P

Vial: 25
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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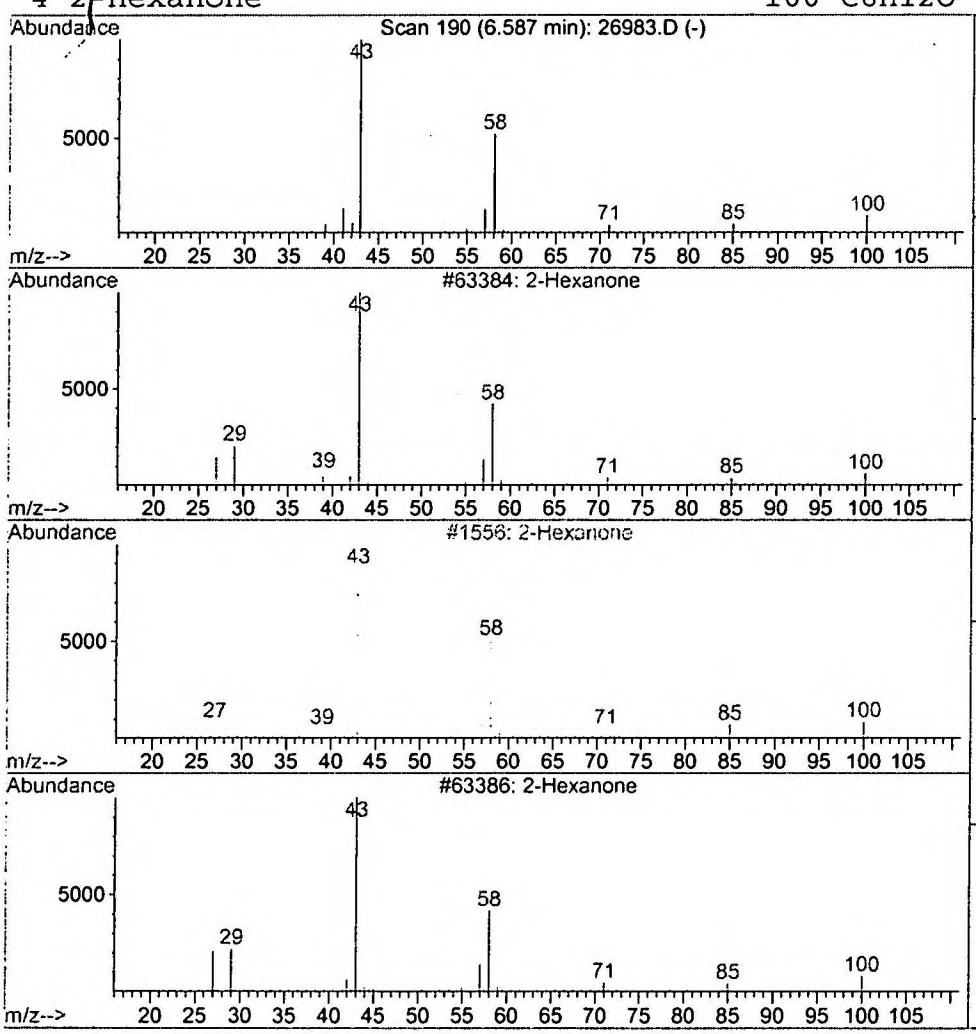
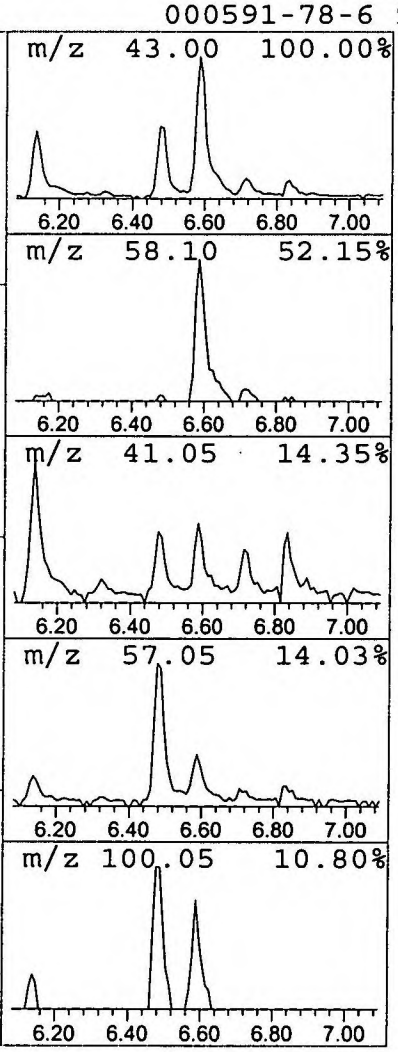
****

Peak Number 5 2-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	0.44 ng/uL	160160	1,4-Dichlorobenzene-d4	11.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
2	2-Hexanone	100	C6H12O	000591-78-6	90
3	2-Hexanone	100	C6H12O	000591-78-6	90
4	2-Hexanone	100	C6H12O	000591-78-6	90





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Misc :
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Vial: 25
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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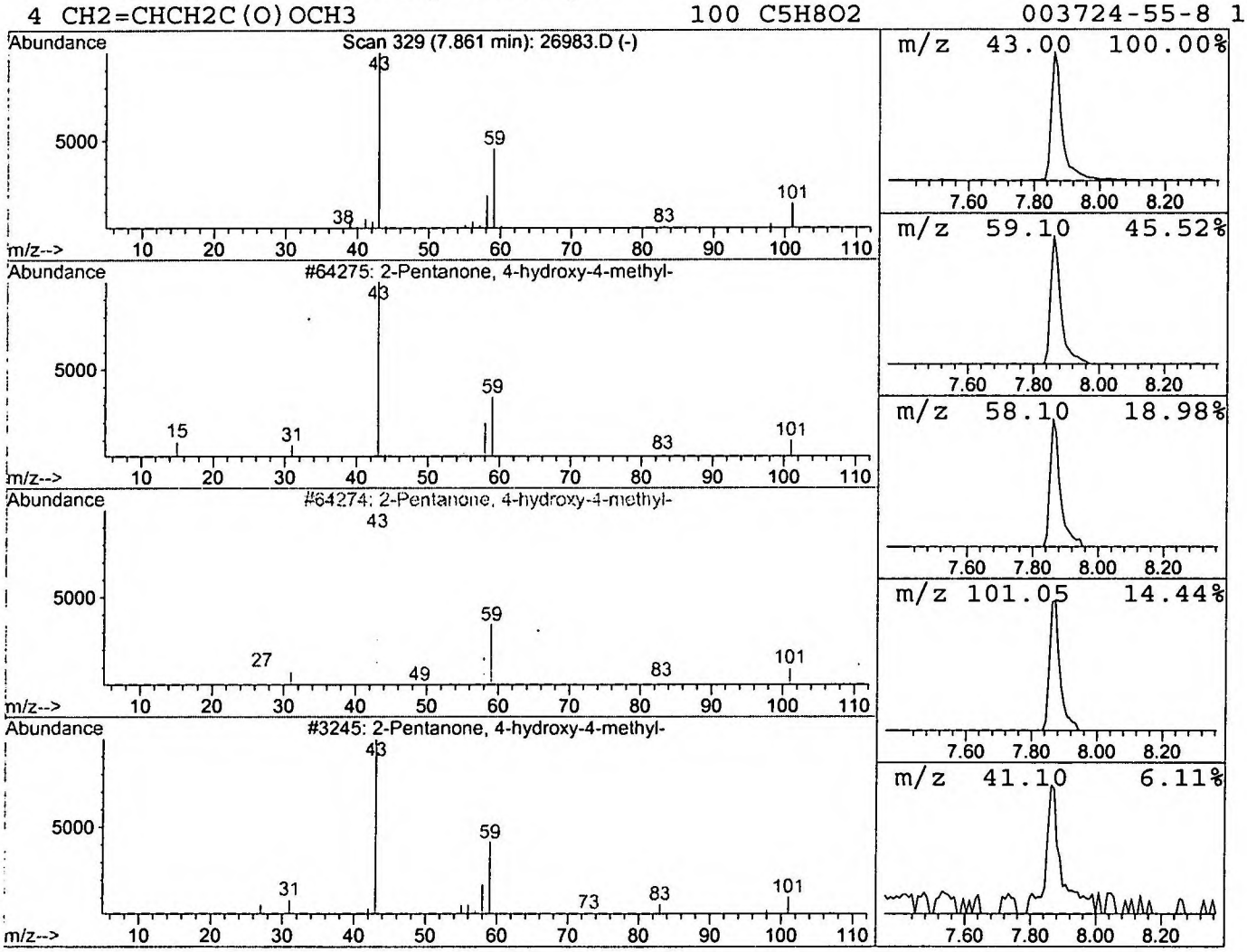
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	0.89 ng/uL	321517	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	74
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



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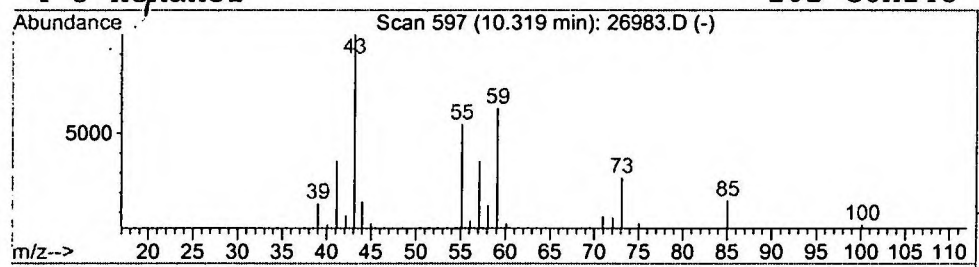
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

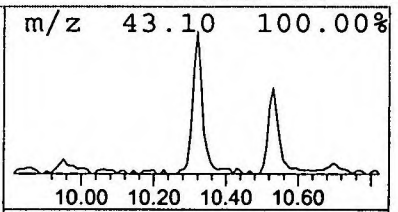
****

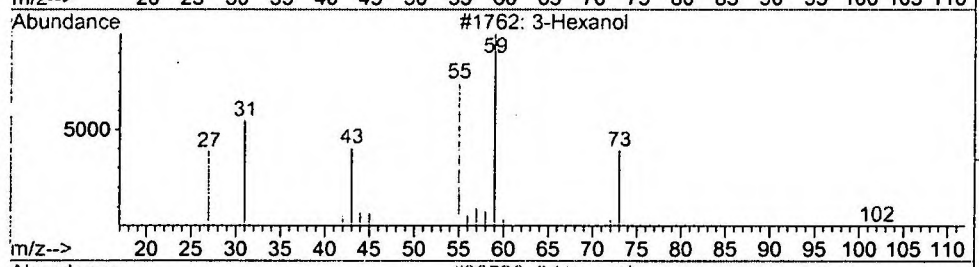
Peak Number 7 3-Hexanol Concentration Rank 4

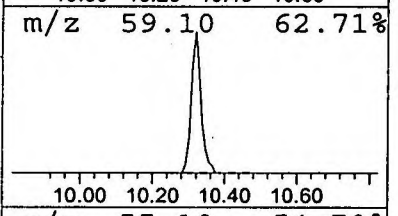
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.32	0.54 ng/uL	194599	1,4-Dichlorobenzene-d4	11.89

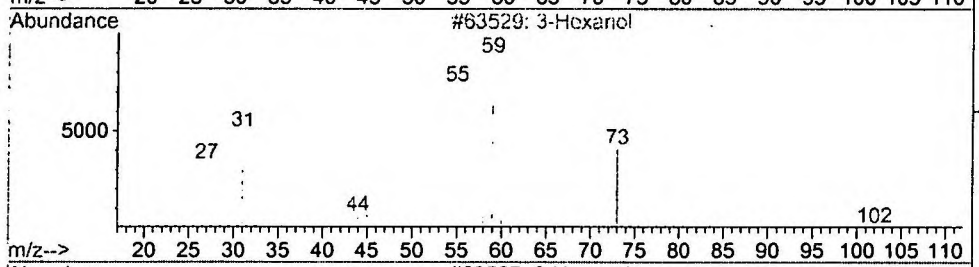
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	40
2	3-Hexanol	102	C6H14O	000623-37-0	40
3	3-Hexanol	102	C6H14O	000623-37-0	38
4	3-Hexanol	102	C6H14O	000623-37-0	28

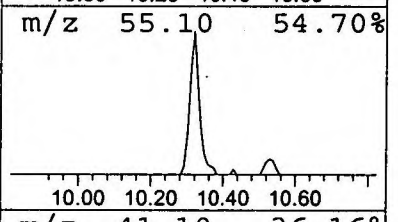


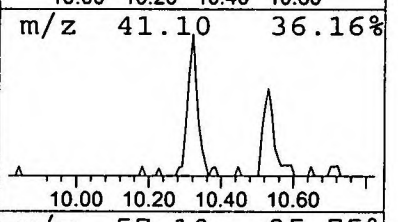


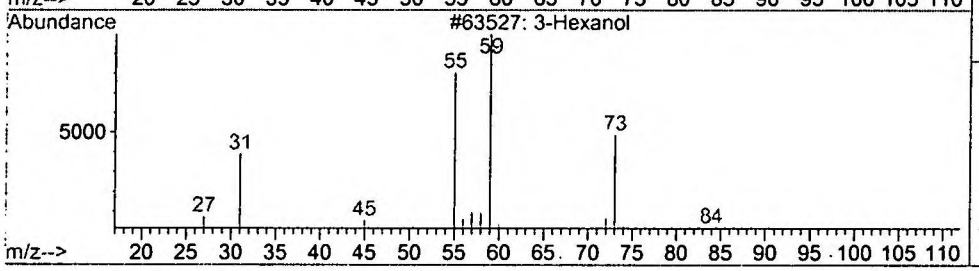


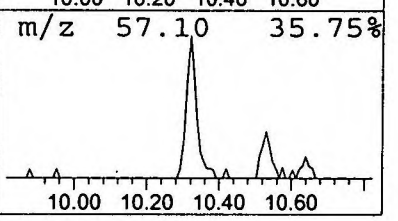












Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 7 Dec 2001 7:59 am
Data File: C:\HPCHEM\1\DATA\DEC0601\26983.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
Cyclohexane, methyl-	5.04	0.5	ng/uL	195594	ISTD01	11.89	7201250	20.0
1-Butanol	5.15	0.4	ng/uL	146795	ISTD01	11.89	7201250	20.0
Oxepane, 2,2,4-trime	5.21	0.6	ng/uL	204022	ISTD01	11.89	7201250	20.0
Tetrahydrofurfuryl c	6.14	0.5	ng/uL	191338	ISTD01	11.89	7201250	20.0
2-Hexanone	6.59	0.4	ng/uL	160160	ISTD01	11.89	7201250	20.0
2-Pentanone, 4-hydro	7.86	0.9	ng/uL	321517	ISTD01	11.89	7201250	20.0
3-Hexanol	10.32	0.5	ng/uL	194599	ISTD01	11.89	7201250	20.0

26983.D NP112701.M Tue Dec 11 14:49:46 2001