

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/11/2001 Time: 16:55:01

Sample: AD26984
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/11/01 16:54 Ended: 12/11/01 16:54 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 AD26984 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-11-2001 Time: 16:55:05

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\26984.D

Vial: 16

Acq On : 6 Dec 2001 11:49 pm

Operator: GALOS

Sample : gc/ms unknown

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 11 11:35 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	1157269	20.00	ng/uL	-0.05
19) Naphthalene-d8	15.50	136	4424674	20.00	ng/uL	-0.05
31) Acenaphthene-d10	20.77	164	1990786	20.00	ng/uL	-0.05
49) Phenanthrene-d10	25.18	188	2878641	20.00	ng/uL	-0.06
59) Chrysene-d12	33.19	240	1908639	20.00	ng/uL	-0.06
68) Perylene-d12	37.28	264	1336644	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	11.89	132	774	0.01	ng/uL	0.46
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	12.22	152	339	0.01	ng/uL	-0.24
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	2002	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	0.00	45	0	N.D.
16) 3&4-Methylphenol	0.00	108	0	N.D.

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

26984.D NP112701.M

Tue Dec 11 12:25:23 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\26984.D
 Acq On : 6 Dec 2001 11:49 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 11 11:35 2001

Vial: 16
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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
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	0.00	149	0	N.D.		
46) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
47) Fluorene	0.00	166	0	N.D.		
48) Azobenzene/ 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	325	N.D.		
56) Anthracene	25.19	178	325	N.D.		
57) Di-n-butylphthalate	27.17	149	7500	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0601\26984.D
 Acq On : 6 Dec 2001 11:49 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 11 11:35 2001

Vial: 16
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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
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	4003	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.45	149	7744	N.D.		
67) Chrysene	33.19	228	4003	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	4939	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

26984.D NP112701.M Tue Dec 11 12:25:27 2001

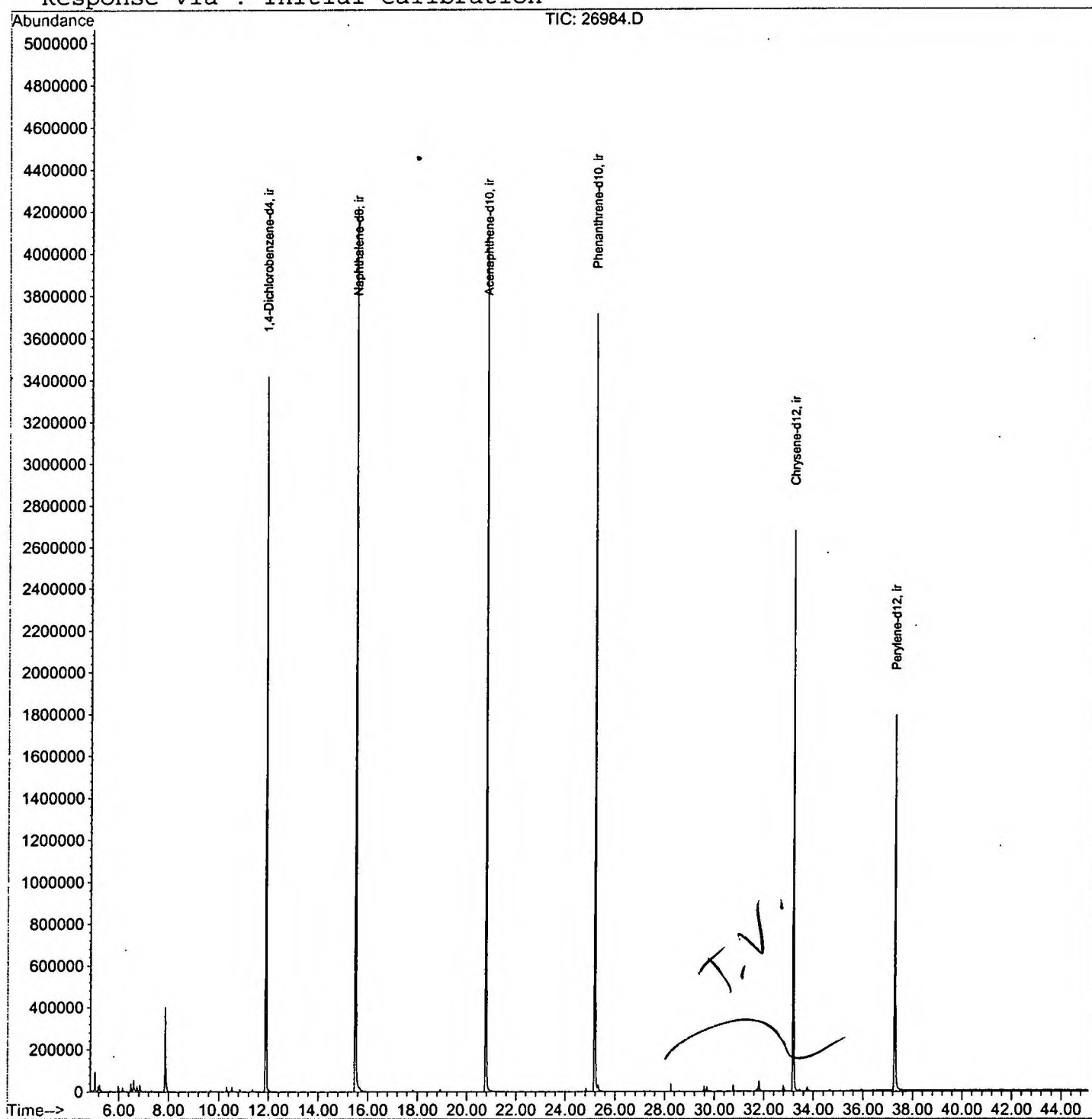
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26984.D
Acq On : 6 Dec 2001 11:49 pm
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 11 11:35 2001

Vial: 16
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
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26984.D
 Acq On : 6 Dec 2001 11:49 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 16
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

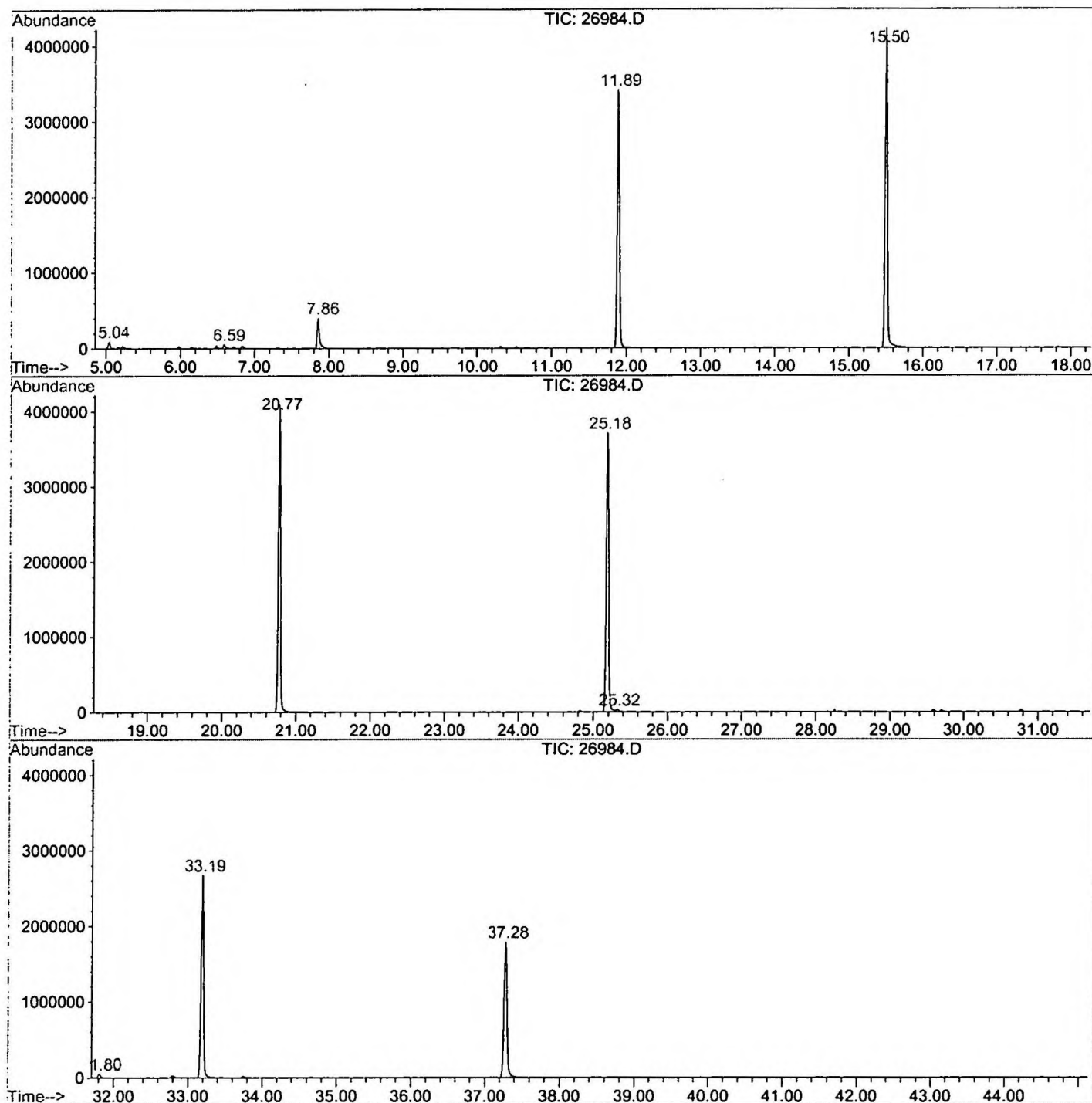
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.044	16	22	31	rVB	94426	186173	2.08%	0.410%
2	6.594	186	191	201	rVV	55786	140350	1.57%	0.309%
3	7.859	325	329	347	rBV	400334	876182	9.78%	1.931%
4	11.885	763	768	782	rBV	3415474	7154430	79.88%	15.765%
5	15.498	1156	1162	1182	rBV	4221632	8956953	100.00%	19.737%
6	20.771	1731	1737	1756	rBV	4091525	8782430	98.05%	19.353%
7	25.182	2212	2218	2230	rBV2	3712617	8079168	90.20%	17.803%
8	25.319	2230	2233	2247	rVB	31768	98807	1.10%	0.218%
9	31.803	2935	2940	2949	rBV	48639	118079	1.32%	0.260%
10	33.187	3084	3091	3108	rBV2	2676873	6088163	67.97%	13.416%
11	37.277	3529	3537	3562	rBV2	1785483	4900308	54.71%	10.798%

Sum of corrected areas: 45381043

26984.D NP112701.M Tue Dec 11 14:49:59 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0601\26984.D
Operator : GALOS
Acquired : 6 Dec 2001 11:49 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown
Misc Info :
Vial Number: 16
Quant File :NP112701.RES (RTE Integrator)



26984.D NP112701.M

Tue Dec 11 14:50:02 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26984.D
 Acq On : 6 Dec 2001 11:49 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

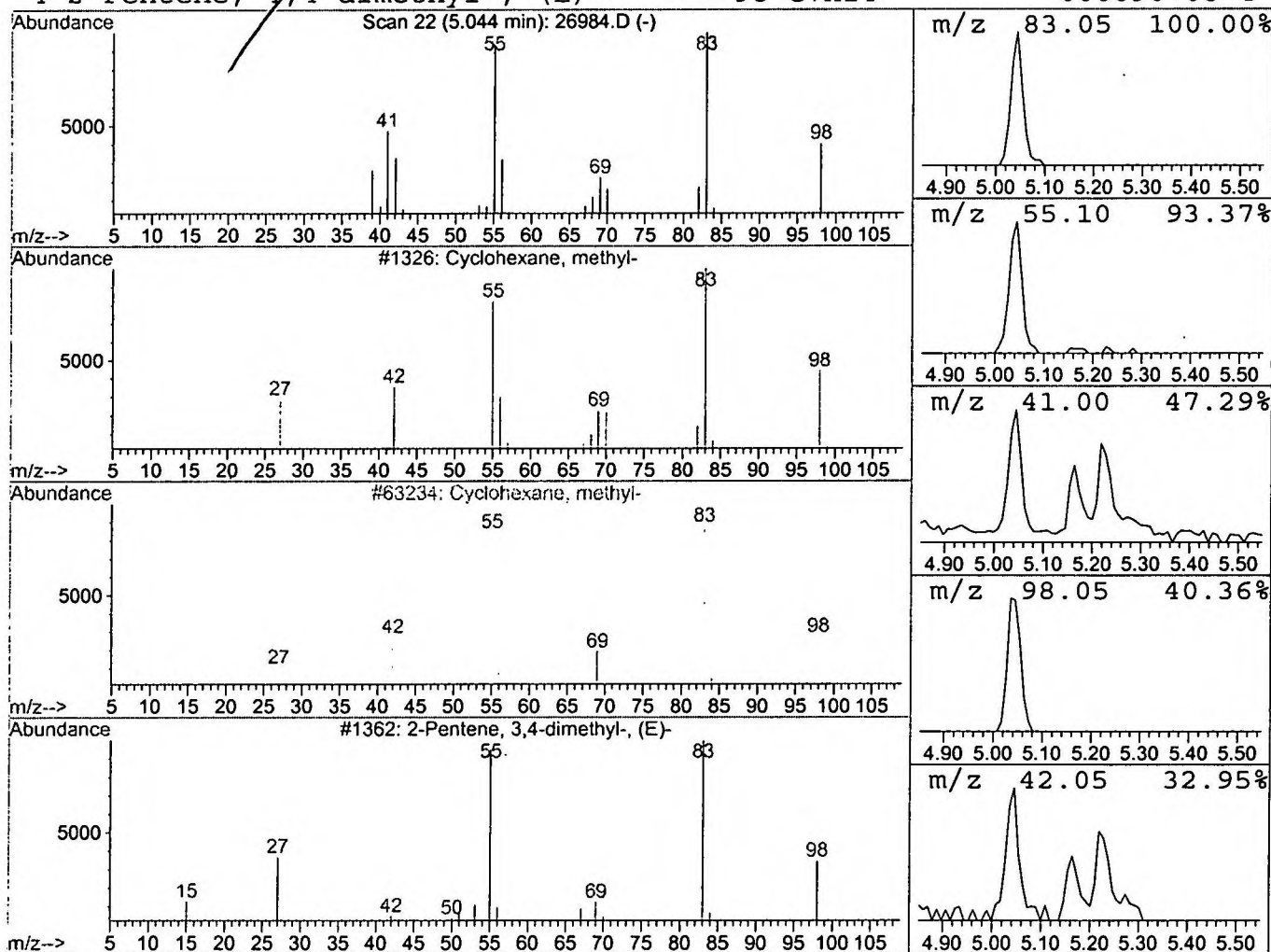
Vial: 16
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
5.04	0.52 ng/uL	186173	1,4-Dichlorobenzene-d4	11.89

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Cyclohexane, methyl-	98	C7H14	000108-87-2	90
2			Cyclohexane, methyl-	98	C7H14	000108-87-2	72
3			2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	53
4			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0601\26984.D
 Acq On : 6 Dec 2001 11:49 pm
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

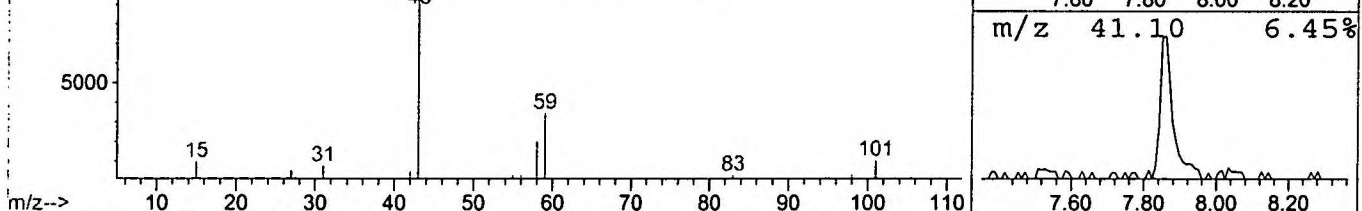
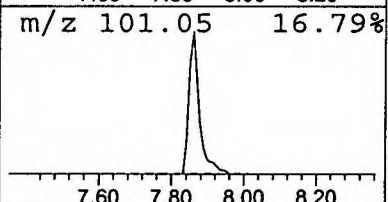
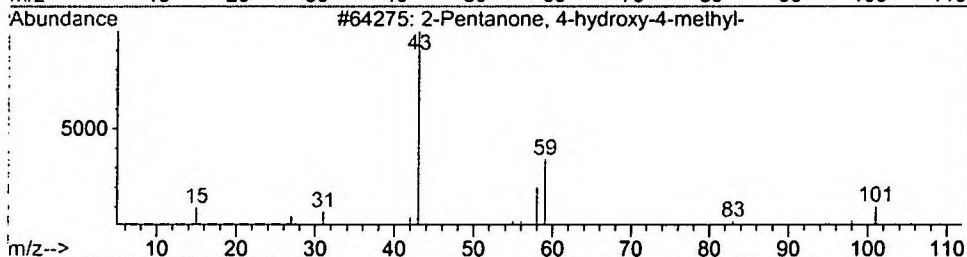
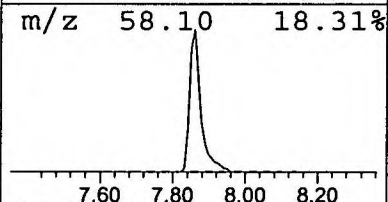
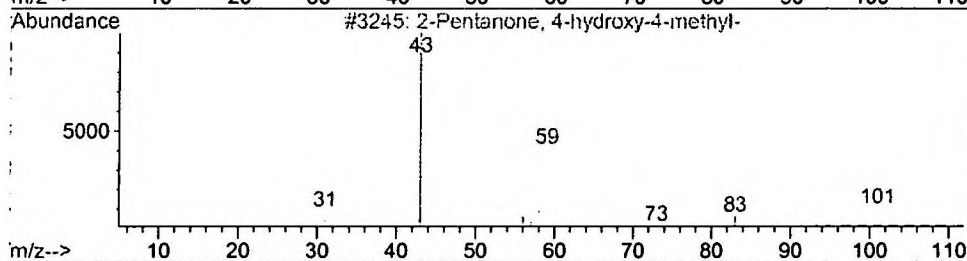
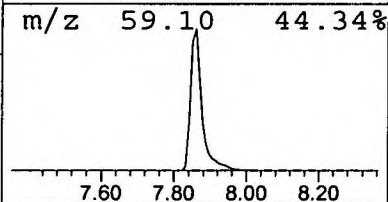
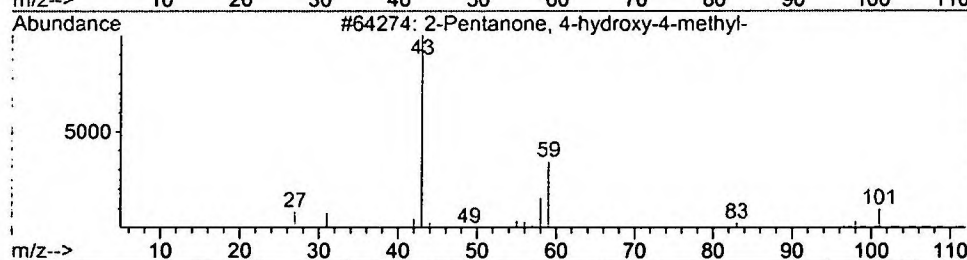
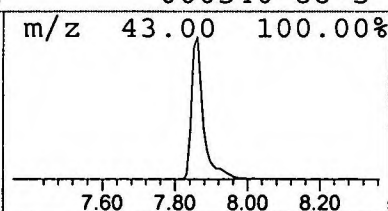
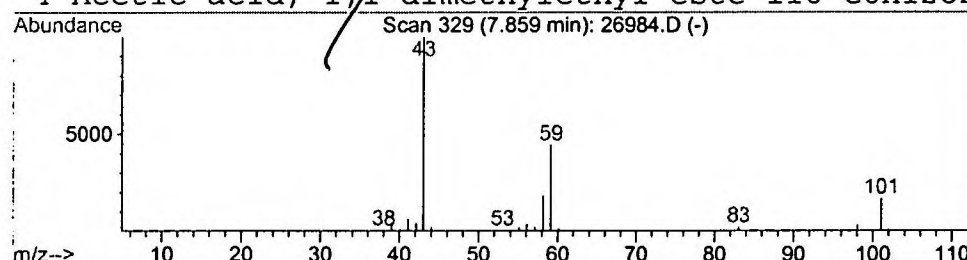
Vial: 16
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	2.45 ng/uL	876182	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



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 6 Dec 2001 11:49 pm
 Data File: C:\HPCHEM\1\DATA\DEC0601\26984.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
Cyclonexane , methyl-	5.04	0.5	ng/uL	186173	ISTD01	11.89	7154430	20.0
2-Pentanone, 4-hydro	7.86	2.4	ng/uL	876182	ISTD01	11.89	7154430	20.0

26984.D NP112701.M Tue Dec 11 14:50:08 2001