

Jser: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:34:40

Sample: AD27626
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 12:35 Ended: 1/3/02 12:35 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 AD27626 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-03-2002 Time: 13:34:55

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\DEC1901\27626.D

Vial: 16

Acq On : 20 Dec 2001 11:34 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 8:57 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	11.86	152	852552	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	3365853	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	1496914	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.17	188	2252906	20.00	ng/uL	-0.07
59) Chrysene-d12	33.17	240	1497014	20.00	ng/uL	-0.08
68) Perylene-d12	37.26	264	778169	20.00	ng/uL	-0.08

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	11.86	132	347	0.01	ng/uL	0.44
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	12.02	152	345	0.01	ng/uL	-0.44
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	18.90	172	1843	0.02	ng/uL	0.06
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

27626.D NP112701.M Fri Dec 21 08:57:27 2001

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Quantitation Report

(QT Reviewed)

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Vial: 16

Acq On : 20 Dec 2001 11:34 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 8:57 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
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	21.19	65	1040	N.D.		
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.		
45) Diethylphthalate	22.24	149	340	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	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.15	149	8848	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

27626.D NP112701.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27626.D

Vial: 16

Acq On : 20 Dec 2001 11:34 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 8:57 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
61) Benzidine	0.00	184	0	N.D.		
63) Pyrene	0.00	202	0	N.D.		
64) Butylbenzylphthalate	31.64	149	2092✓	N.D.		
65) Benzo(a)anthracene	33.18	228	3233✓	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	12010✓	N.D.		
67) Chrysene	33.18	228	3233✓	N.D.		
69) Di-n-Octylphthalate	35.64	149	280	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	37.26	252	2790✓	N.D.		
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.		
74) Dibenzo(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

27626.D NP112701.M

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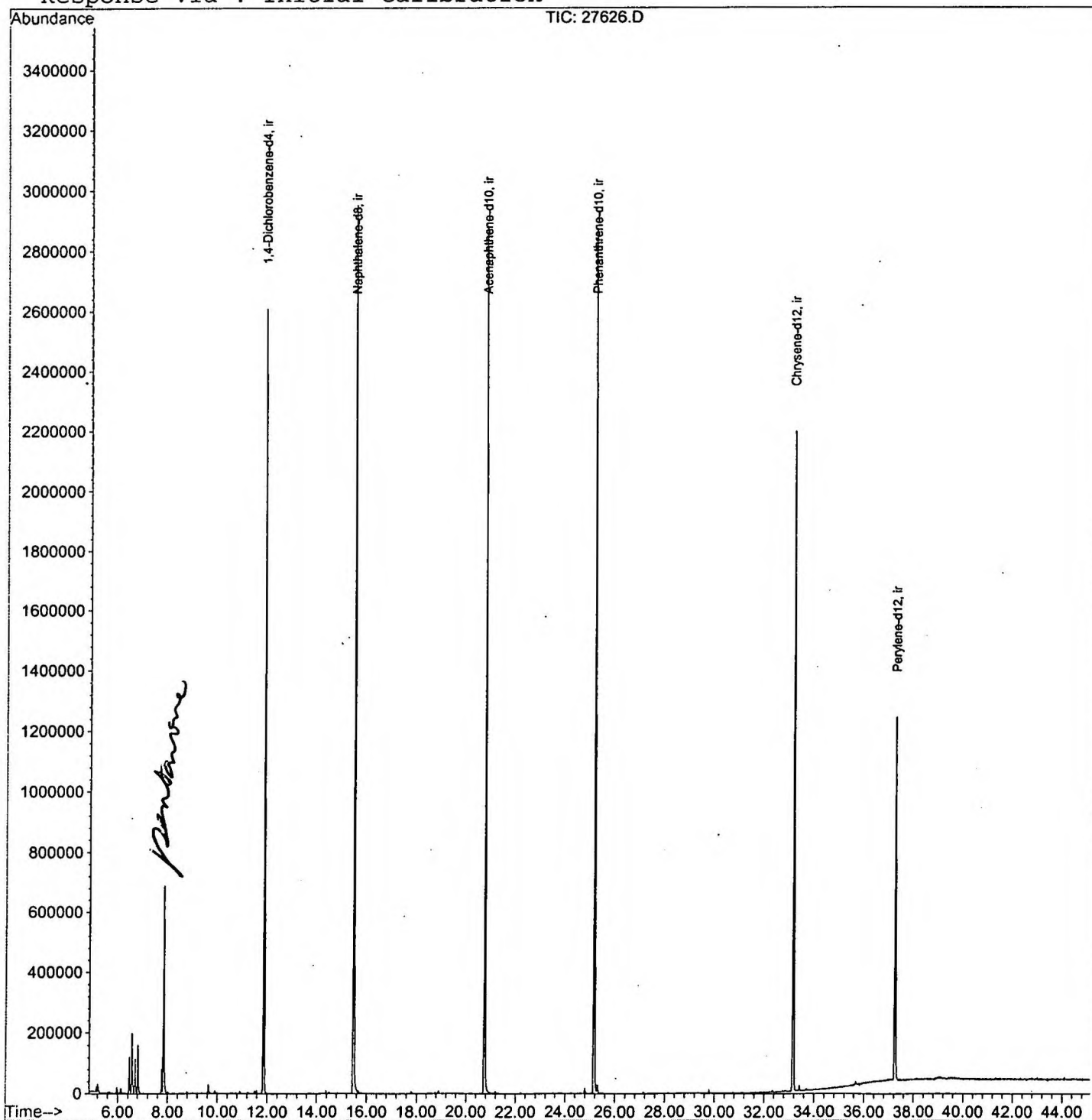
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27626.D
Acq On : 20 Dec 2001 11:34 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 21 8:57 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\DEC1901\27626.D

Acq On : 20 Dec 2001 11:34 am

Sample : gcms unknown 11/16

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

Sampling : 1

Start Thrs: 0.2

Stop Thrs : 0

Filtering: 5

Min Area: 1 % of largest Peak

Max Peaks: 100

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	6.463	171	177	183	rBV	121276	220723	3.21%	0.608%
2	6.563	183	188	198	rVV	198315	431668	6.28%	1.189%
3	6.701	198	203	211	rVV	114997	215120	3.13%	0.593%
4	6.811	211	215	223	rVB	159006	300072	4.37%	0.827%
5	7.765	313	319	323	rBV	81964	156496	2.28%	0.431%
6	7.838	323	327	342	rVB	688826	1365757	19.87%	3.762%
7	11.864	761	766	775	rVB	2606145	5264150	76.58%	14.500%
8	15.477	1153	1160	1177	rBV	2952518	6874004	100.00%	18.935%
9	20.750	1727	1735	1756	rBV	2881911	6739228	98.04%	18.563%
10	25.170	2207	2217	2227	rBV2	2875854	6435288	93.62%	17.726%
11	25.298	2227	2231	2239	rVB	28390	69559	1.01%	0.192%
12	33.166	3082	3089	3098	rBV2	2192591	5062129	73.64%	13.944%
13	37.256	3527	3535	3546	rBV2	1203782	3169659	46.11%	8.731%

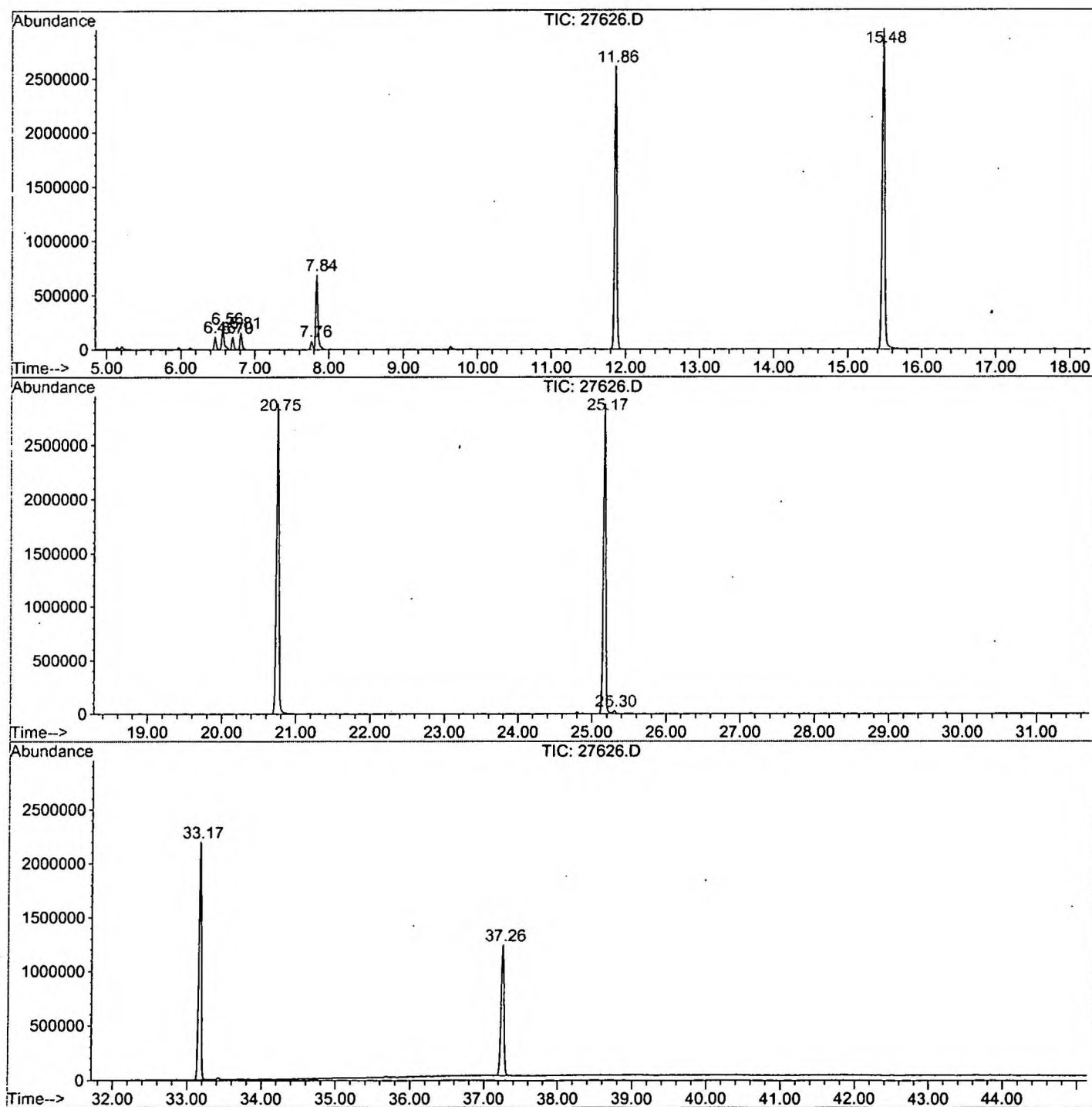
Sum of corrected areas: 36303853

27626.D NP112701.M

Fri Dec 21 09:17:20 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27626.D
 Operator : GALOS
 Acquired : 20 Dec 2001 11:34 am using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gcms unknown 11/16
 Misc Info :
 Vial Number: 16
 Quant File :NP112701.RES (RTE Integrator)



27626.D NP112701.M

Fri Dec 21 09:17:22 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27626.D
 Acq On : 20 Dec 2001 11:34 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

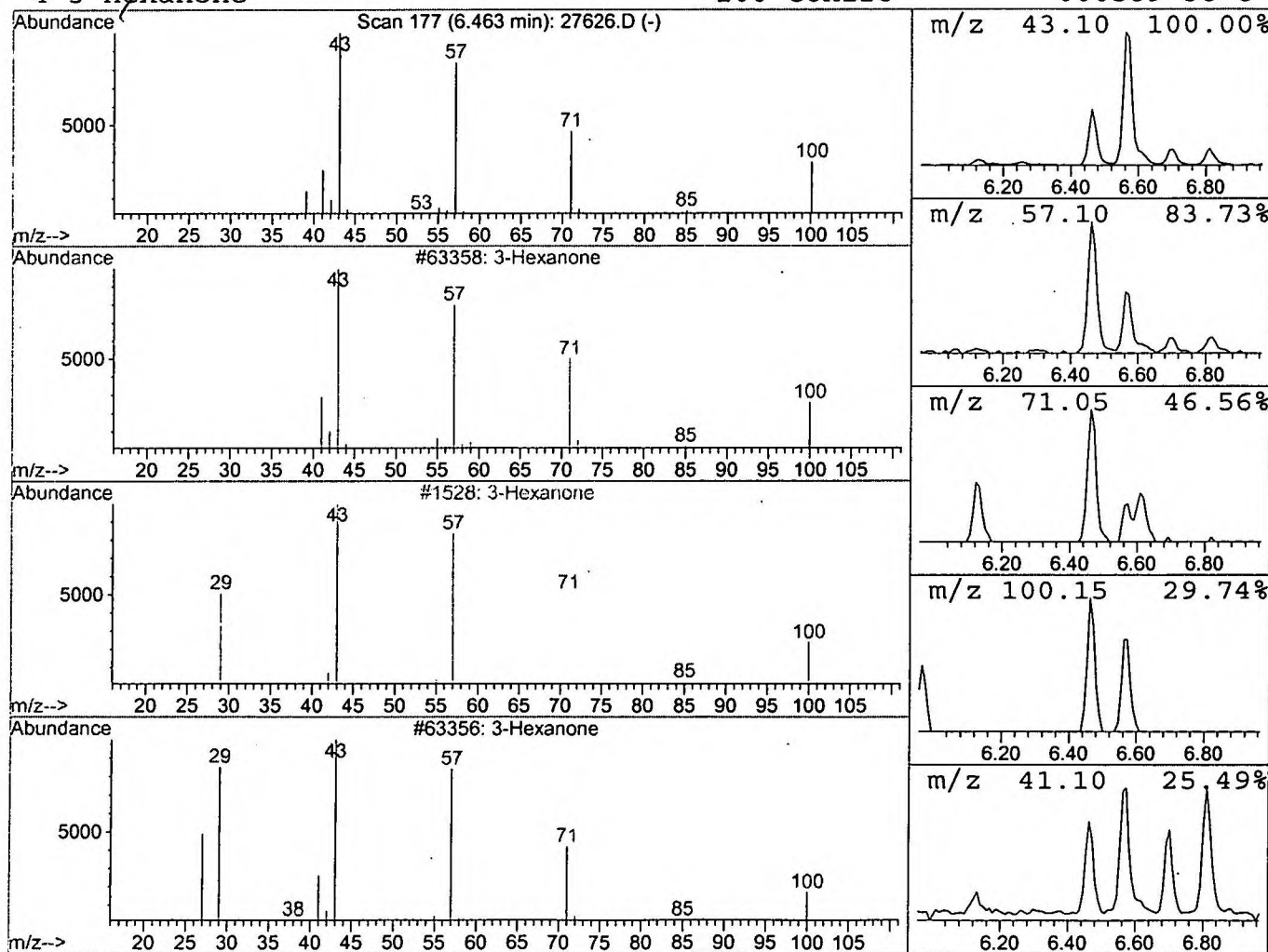
Vial: 16
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	0.84 ng/uL	220723	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Hexanone	100	C6H12O	000589-38-8	86
3	3-Hexanone	100	C6H12O	000589-38-8	72
4	3-Hexanone	100	C6H12O	000589-38-8	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27626.D

Acq On : 20 Dec 2001 11:34 am

Sample : gcms unknown 11/16

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

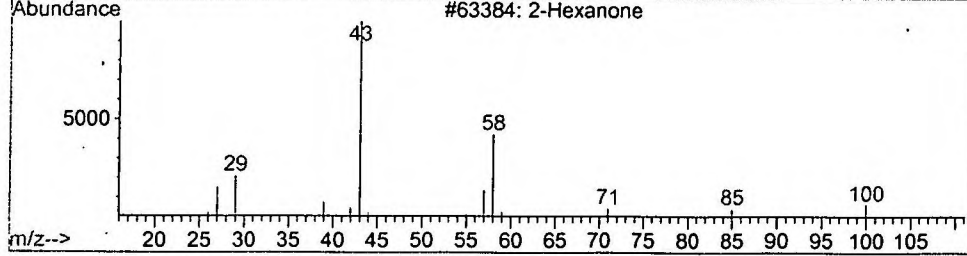
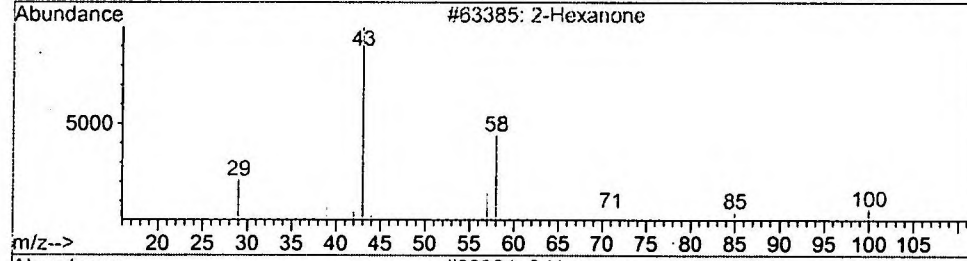
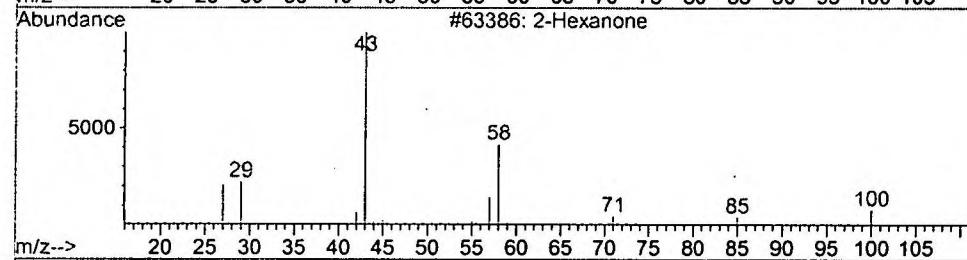
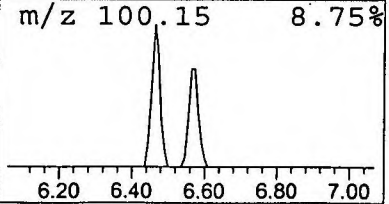
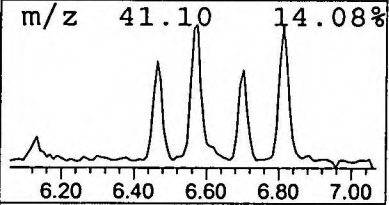
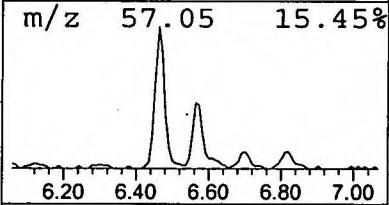
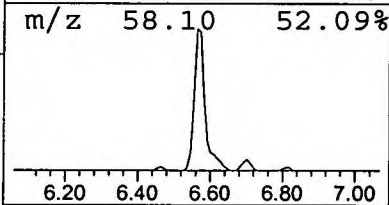
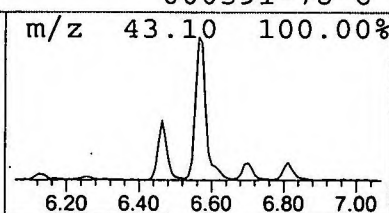
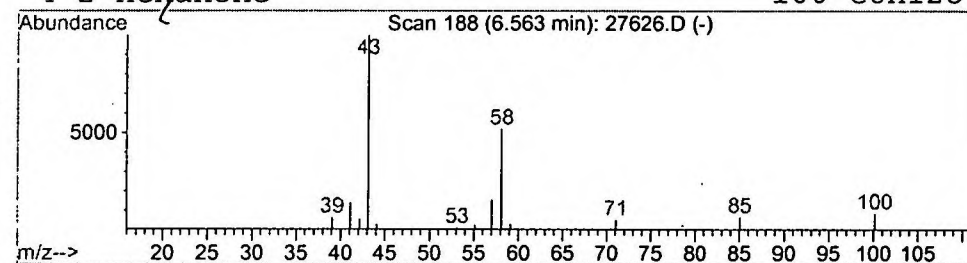
Library : C:\DATABASE\NBS75K.L

Peak Number 2 2-Hexanone

Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	1.64 ng/uL	431668	1,4-Dichlorobenzene-d4	11.86

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Hexanone	100	C6H12O	000591-78-6	91
2		2-Hexanone	100	C6H12O	000591-78-6	91
3		2-Hexanone	100	C6H12O	000591-78-6	91
4		2-Hexanone	100	C6H12O	000591-78-6	91



Library Search Compound Report

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 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

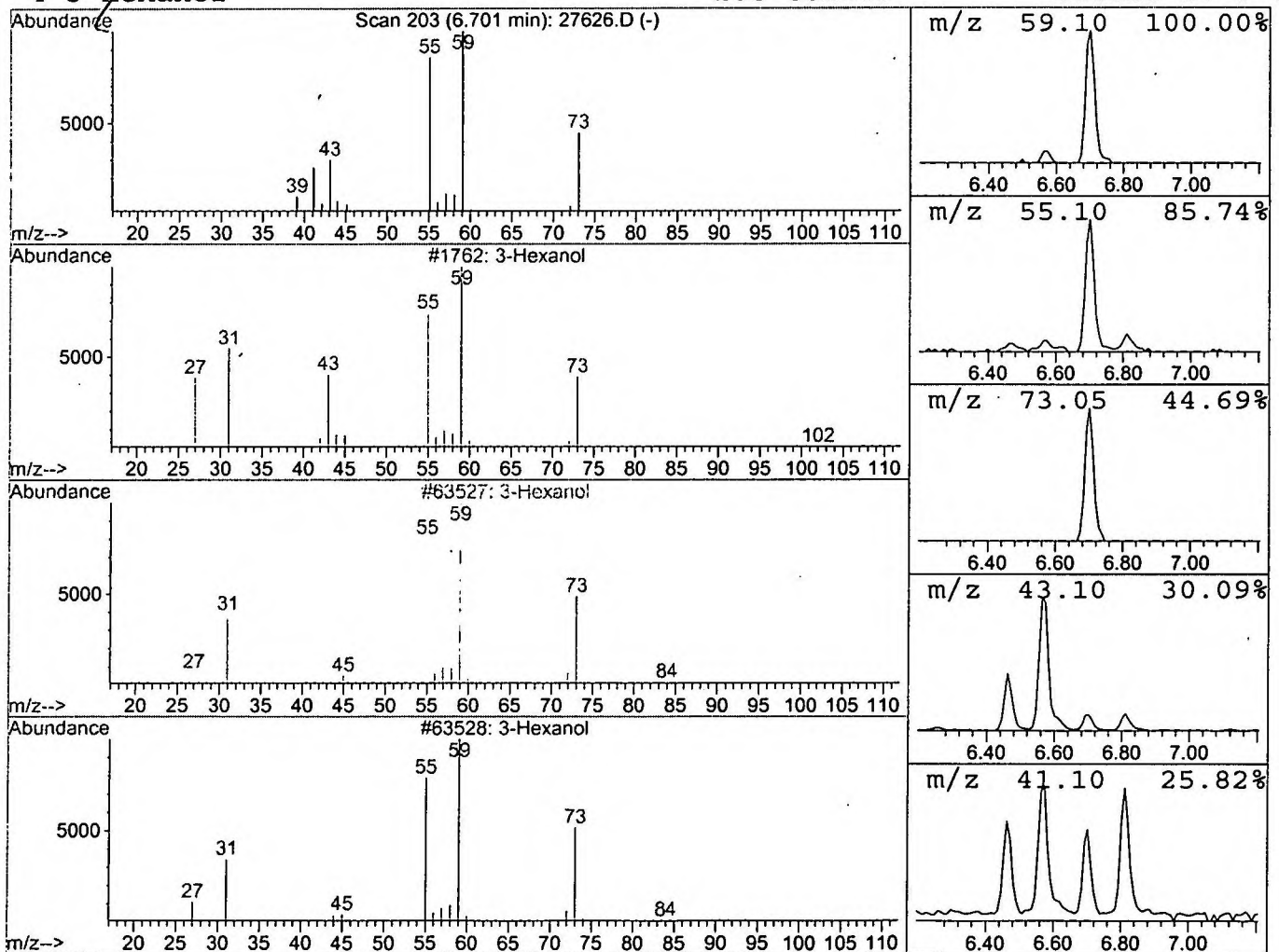
Vial: 16
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.70	0.82 ng/uL	215120	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Hexanol	102	C6H14O	000623-37-0	83
3	3-Hexanol	102	C6H14O	000623-37-0	83
4	3-Hexanol	102	C6H14O	000623-37-0	83



Library Search Compound Report

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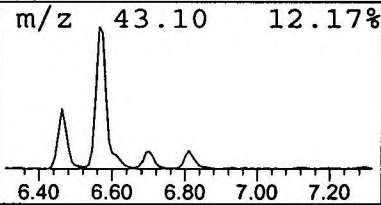
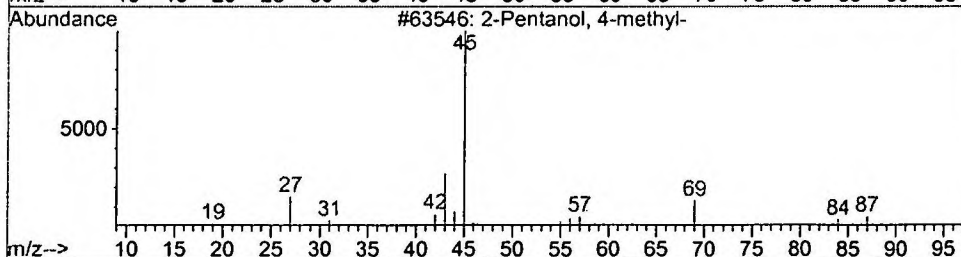
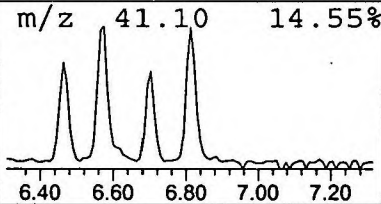
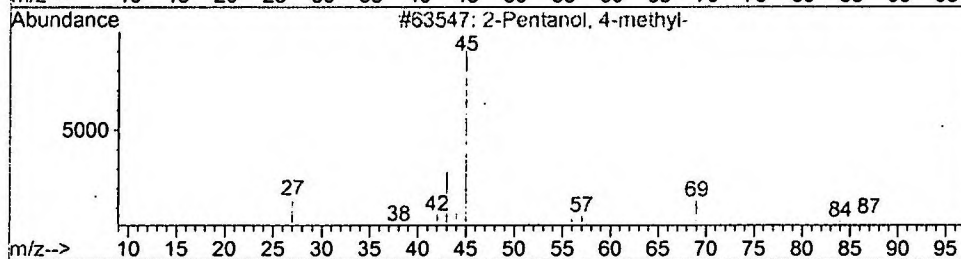
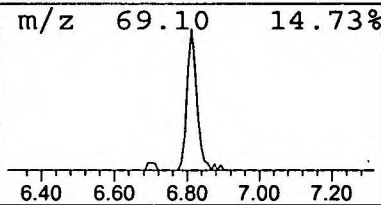
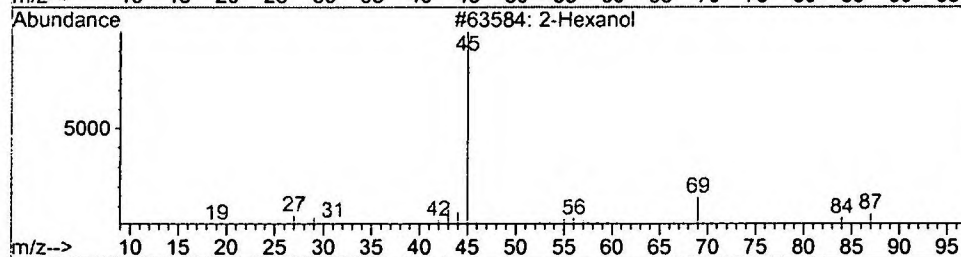
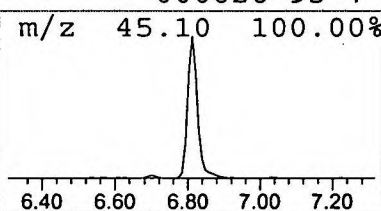
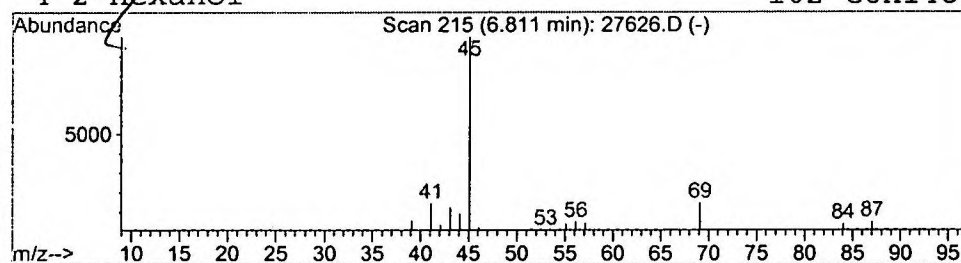
Vial: 16
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	1.14 ng/uL	300072	1,4-Dichlorobenzene-d4	11.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol		102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	74
3	2-Pentanol, 4-methyl-		102	C6H14O	000108-11-2	74
4	2-Hexanol		102	C6H14O	000626-93-7	64



Library Search Compound Report

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Misc :
MS Integration Params: LSCINT.P

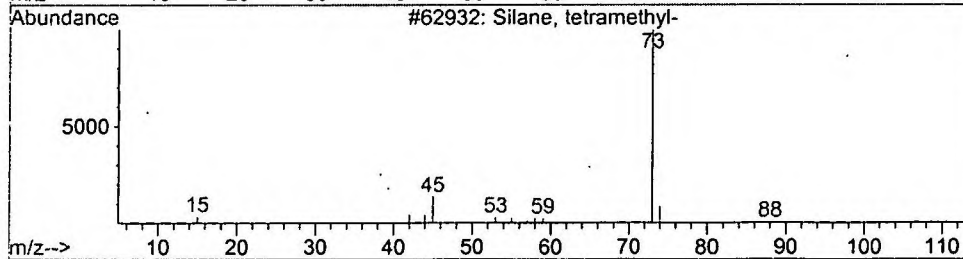
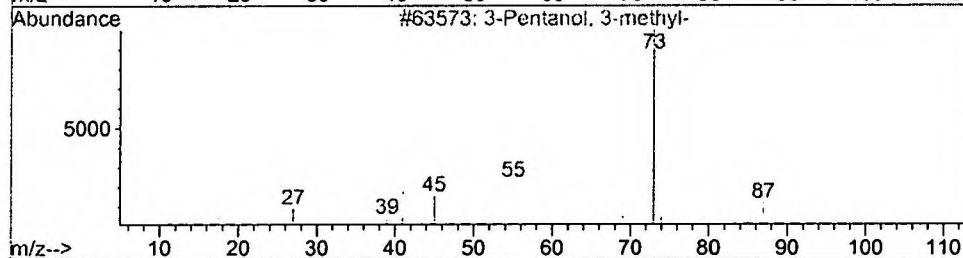
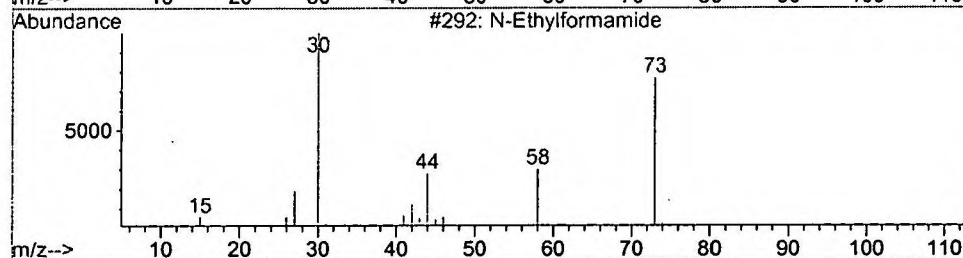
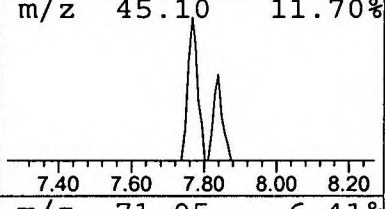
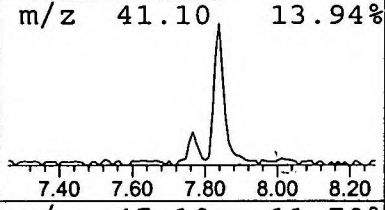
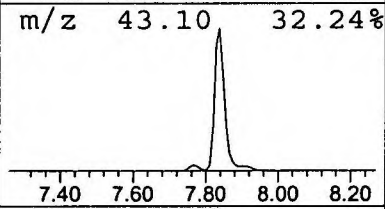
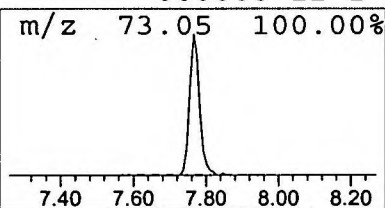
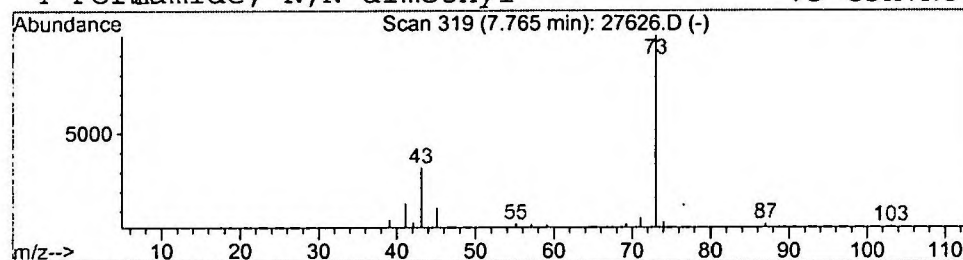
Vial: 16
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

Peak Number 5 N-Ethylformamide Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	0.59 ng/uL	156496	1,4-Dichlorobenzene-d4	11.86

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		N-Ethylformamide	73	C3H7NO	000627-45-2	9
2		3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27626.D
 Acq On : 20 Dec 2001 11:34 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

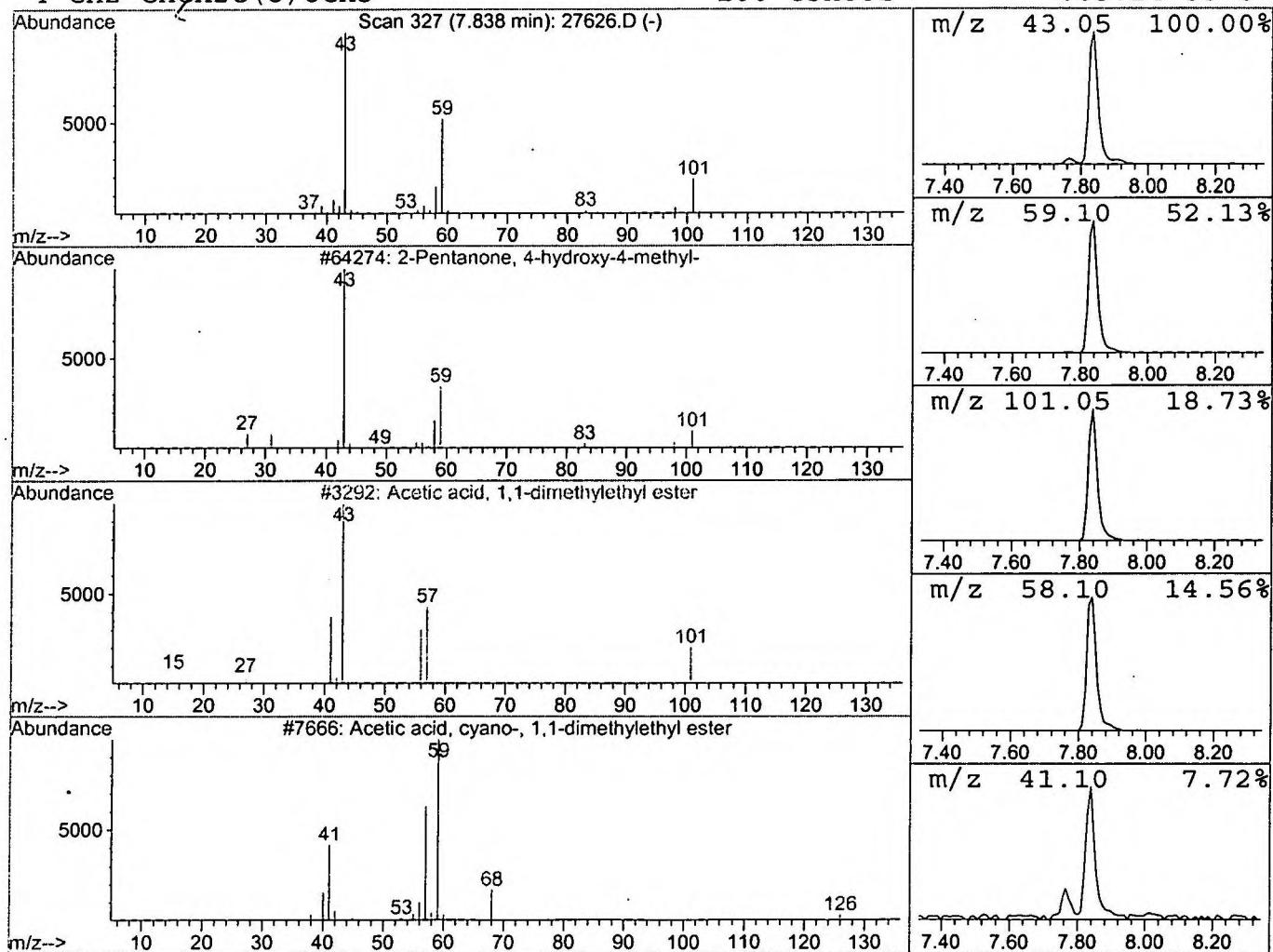
Vial: 16
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	5.19 ng/uL	1365760	1,4-Dichlorobenzene-d4	11.86

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3			Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	25
4			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	12



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 11:34 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27626.D
Name: gcms unknown 11/16
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- Hexanone	6.46	0.8	ng/uL	220723	ISTD01	11.86	5264150	20.0
2- Hexanone	6.56	1.6	ng/uL	431668	ISTD01	11.86	5264150	20.0
3- Hexanol	6.70	0.8	ng/uL	215120	ISTD01	11.86	5264150	20.0
2- Hexanol	6.81	1.1	ng/uL	300072	ISTD01	11.86	5264150	20.0
N-Ethylformamide	7.76	0.6	ng/uL	156496	ISTD01	11.86	5264150	20.0
2-Pentanone, 4-hydro	7.84	5.2	ng/uL	1365760	ISTD01	11.86	5264150	20.0

27626.D NP112701.M Fri Dec 21 09:17:37 2001