

Jser: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/03/2002 Time: 14:46:36

Sample: AD27767
 Analysis: \$GCMS GCMS Scan For Unknowns
 Jnits: ug
 Started: 1/3/02 14:44 Ended: 1/3/02 14:44 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 AD27767 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-03-2002 Time: 14:46:45

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\27767.D

Vial: 10

Acq On : 20 Dec 2001 4:08 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 11:11 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	11.87	152	986742	20.00	ng/uL	-0.06
19) Naphthalene-d8	15.49	136	3926014	20.00	ng/uL	-0.06
31) Acenaphthene-d10	20.76	164	1721194	20.00	ng/uL	-0.06
49) Phenanthrene-d10	25.18	188	2551074m	20.00	ng/uL	-0.06
59) Chrysene-d12	33.17	240	1694188	20.00	ng/uL	-0.07
68) Perylene-d12	37.26	264	872635	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	11.87	132	673	0.01	ng/uL	0.45
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	12.06	152	307	0.01	ng/uL	-0.40
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	1693	0.02	ng/uL	0.07
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	5.73	79	293	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

27767.D NP112701.M Thu Dec 20 11:34:03 2001

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Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 11:11 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	21.20	65	1713	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	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.15	149	8428	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\DEC1901\27767.D

Vial: 10

Acq On : 20 Dec 2001 4:08 am

Operator: GALOS

Sample : gcms unknown 11/16

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 20 11:11 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	0.00	149	0	N.D.		
65) Benzo(a)anthracene	33.17	228	4205	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	12970	N.D.		
67) Chrysene	33.17	228	4205	N.D.		
69) Di-n-Octylphthalate	35.16	149	6194	N.D.		
70) Benzo(b)fluoranthene	36.17	252	914	N.D.		
71) Benzo(k)fluoranthene	36.24	252	1076	N.D.		
72) Benzo(a)pyrene	37.26	252	2738	N.D.		
73) Indeno(1,2,3-cd)pyrene	40.93	276	4230	N.D.		
74) Dibenzo(a,h)anthracene	41.01	278	2452	N.D.		
75) Benzo(g,h,i)perylene	42.03	276	2093	N.D.		

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

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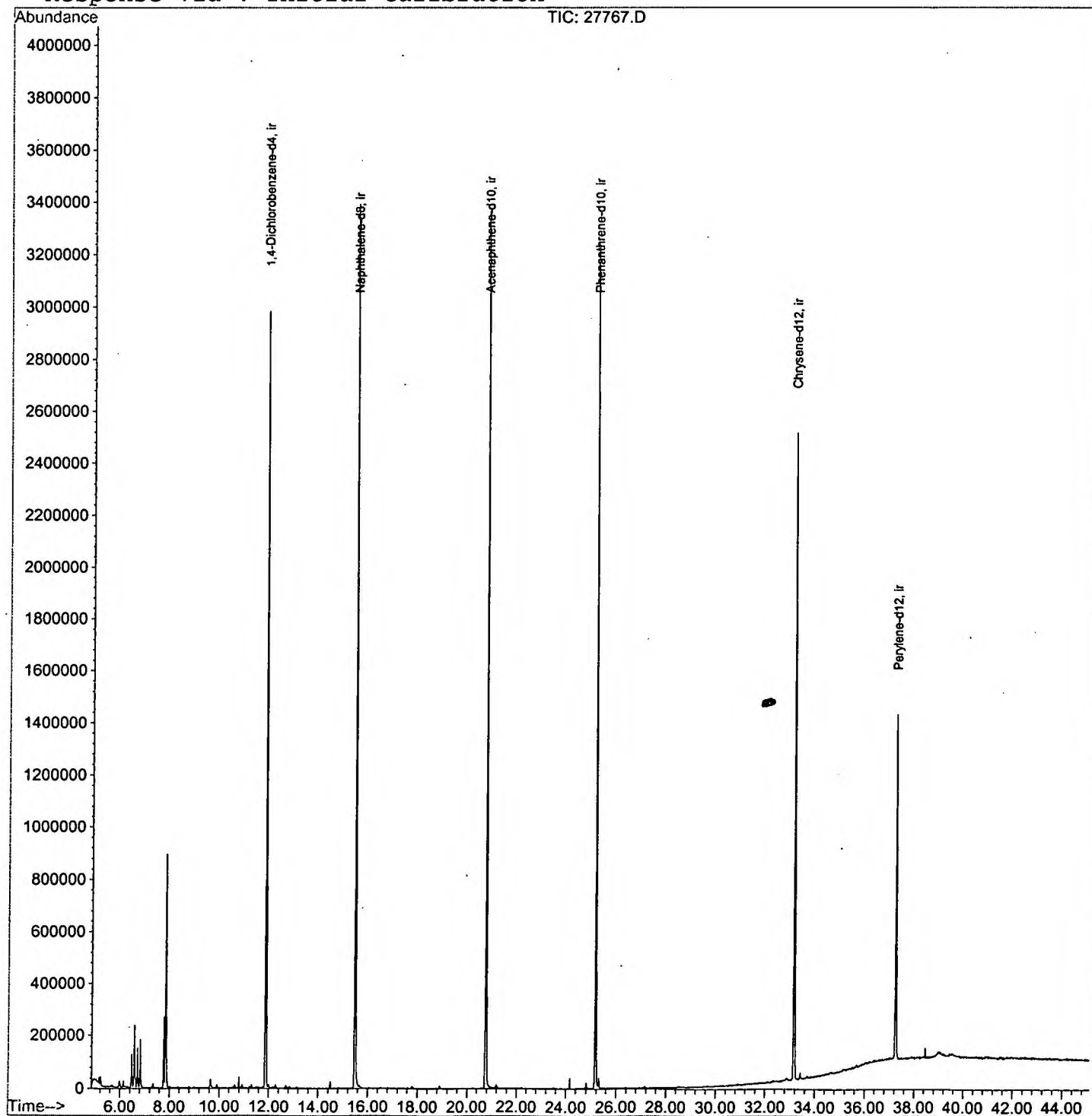
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27767.D
 Acq On : 20 Dec 2001 4:08 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 20 11:11 2001

Vial: 10
 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\27767.D

Vial: 10

Acq On : 20 Dec 2001 4:08 am

Operator: GALOS

Sample : gcms unknown 11/16

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	6.480	174	179	185	rBV	126317	252218	3.14%	0.597%
2	6.581	185	190	194	rVV	235668	436067	5.42%	1.032%
3	6.709	200	204	212	rVV	148224	267775	3.33%	0.634%
4	6.819	212	216	224	rVB	180023	355754	4.42%	0.842%
5	7.773	315	320	324	rBV	270130	489817	6.09%	1.160%
6	7.846	324	328	340	rVB	893974	1736924	21.60%	4.112%
7	11.872	761	767	777	rVV	2977475	6094757	75.79%	14.428%
8	15.485	1154	1161	1179	rBV	3390290	8042097	100.00%	19.038%
9	20.758	1728	1736	1750	rBV	3364782	7817007	97.20%	18.505%
10	25.178	2206	2218	2228	rBV2	3240218	7399972	92.02%	17.518%
11	33.174	3083	3090	3099	rBV2	2480383	5767611	71.72%	13.654%
12	37.264	3528	3536	3545	rVB2	1319281	3582559	44.55%	8.481%

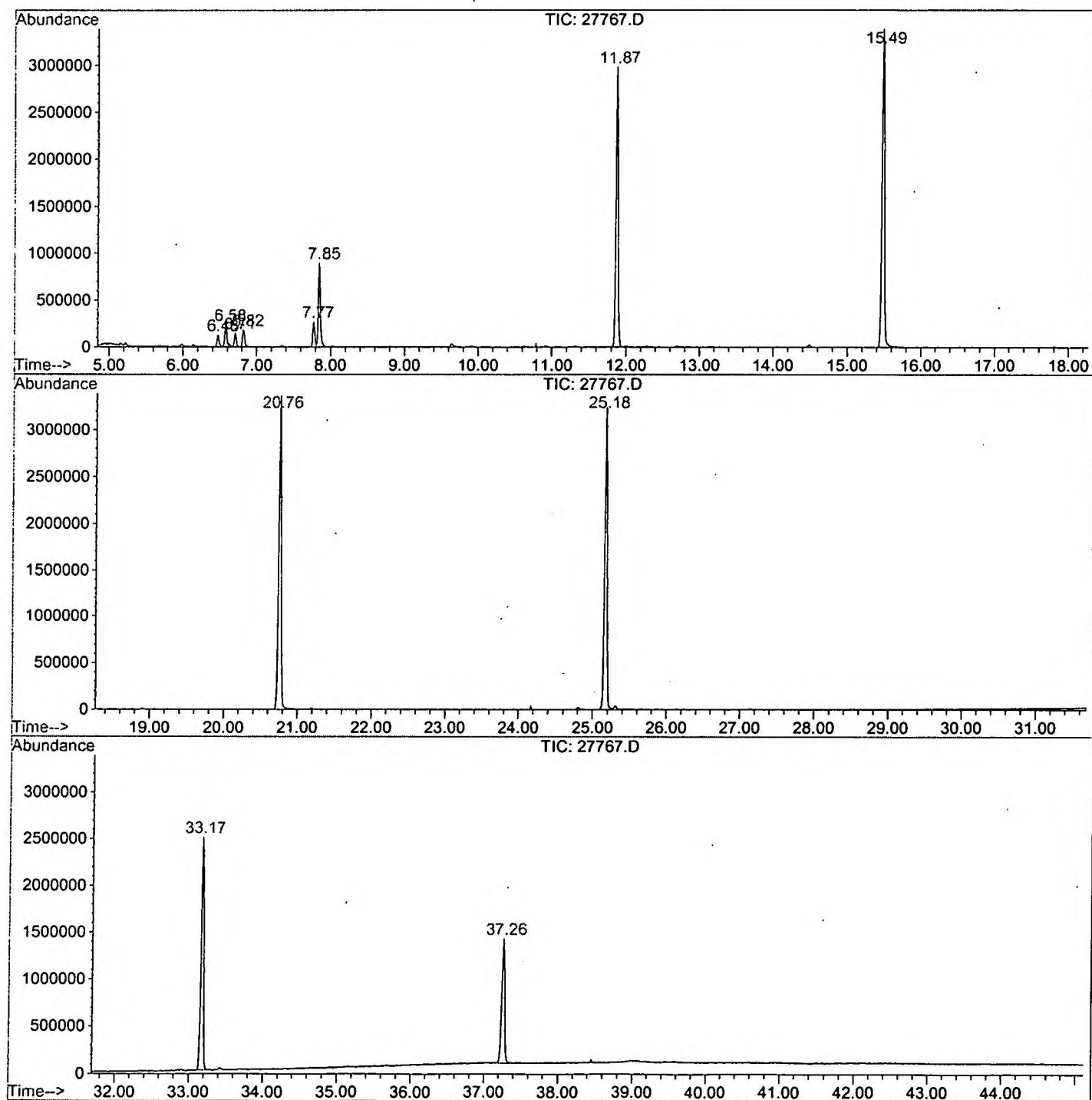
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27767.D NP112701.M

Thu Dec 20 11:45:51 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27767.D
Operator : GALOS
Acquired : 20 Dec 2001 4:08 am using AcqMethod NP112701
Instrument : GC/MS Ins.
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 10
Quant File :NP112701.RES (RTE Integrator)



27767.D NP112701.M

Thu Dec 20 11:45:53 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27767.D
Acq On : 20 Dec 2001 4:08 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

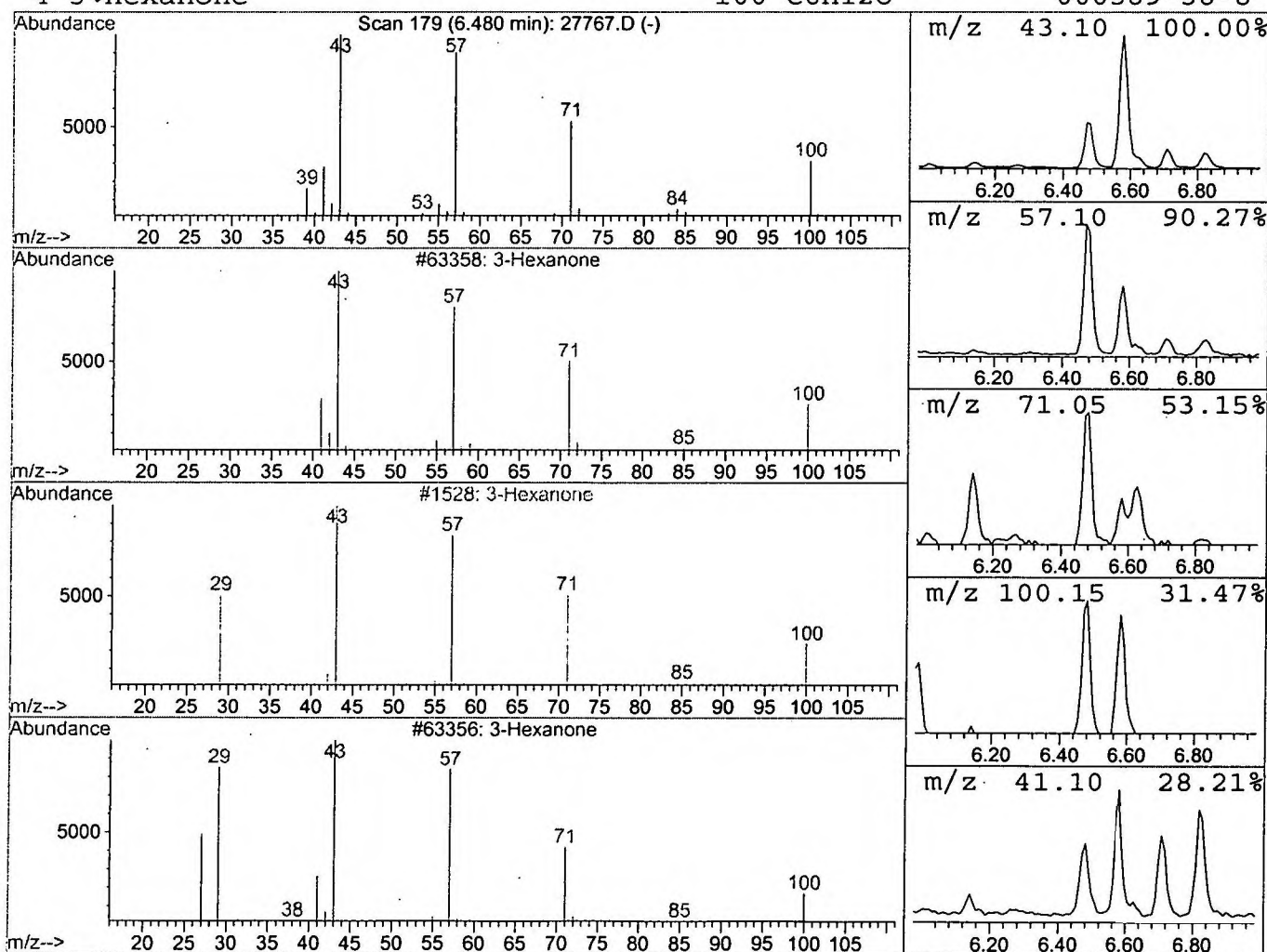
Vial: 10
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.83 ng/uL	252218	1,4-Dichlorobenzene-d4	11.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone			100	C6H12O	000589-38-8	90
2	3-Hexanone			100	C6H12O	000589-38-8	78
3	3-Hexanone			100	C6H12O	000589-38-8	64
4	3-Hexanone			100	C6H12O	000589-38-8	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27767.D
 Acq On : 20 Dec 2001 4:08 am
 Sample : gcms unknown 11/16
 Misc :
 MS Integration Params: LSCINT.P

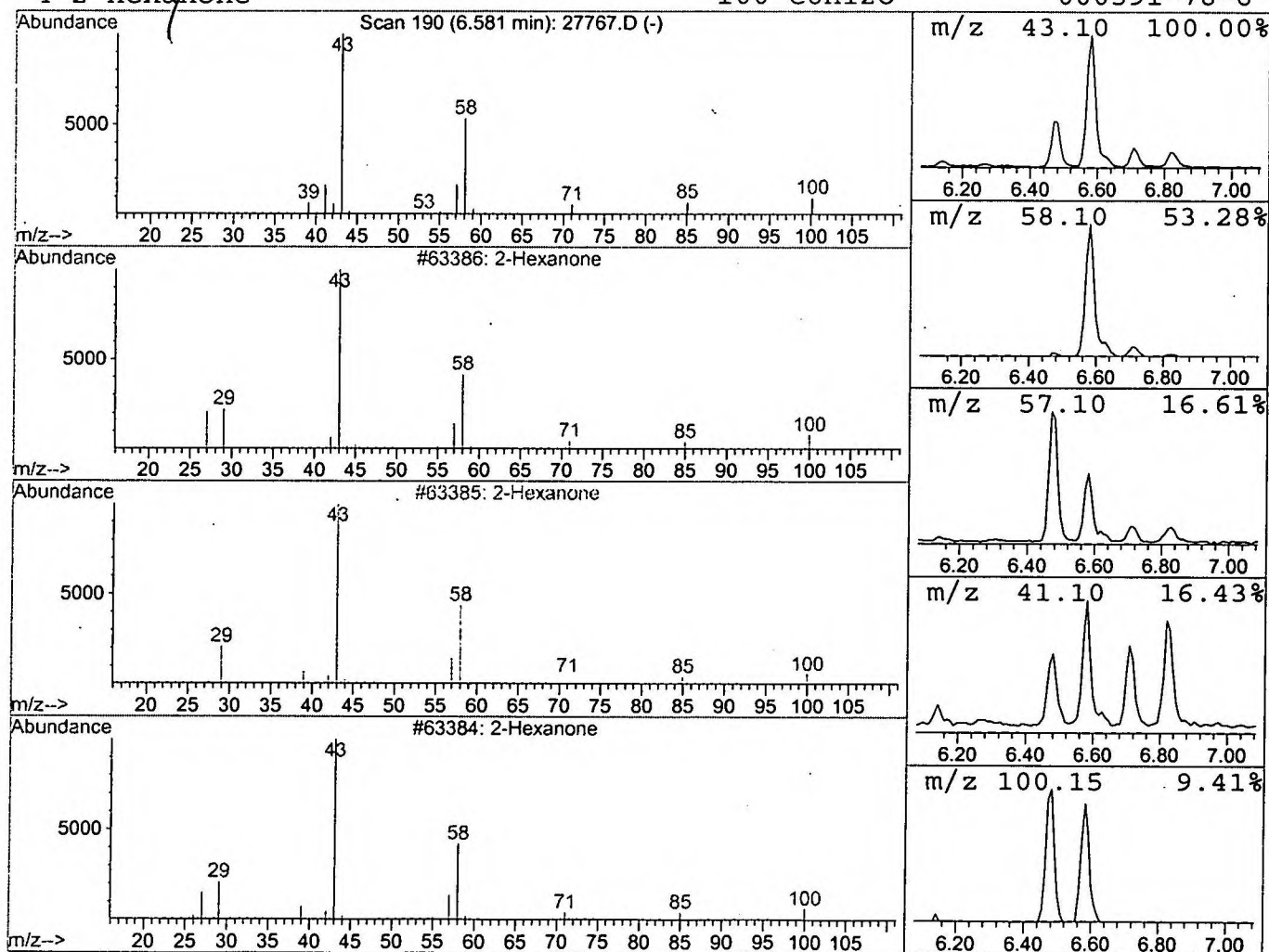
Vial: 10
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	1.43 ng/uL	436067	1,4-Dichlorobenzene-d4	11.87

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

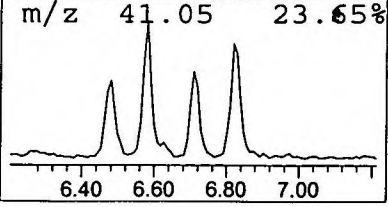
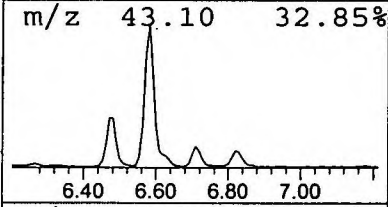
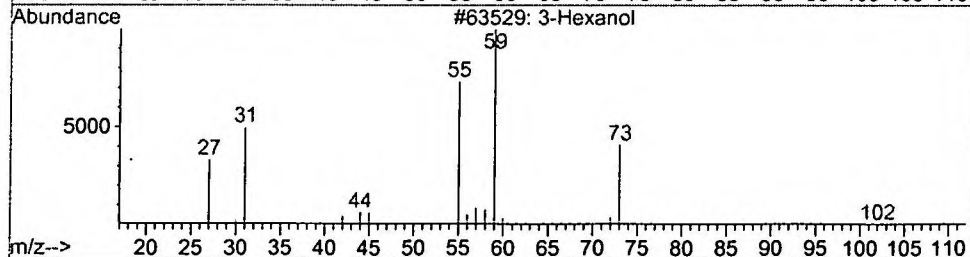
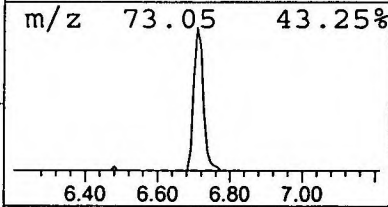
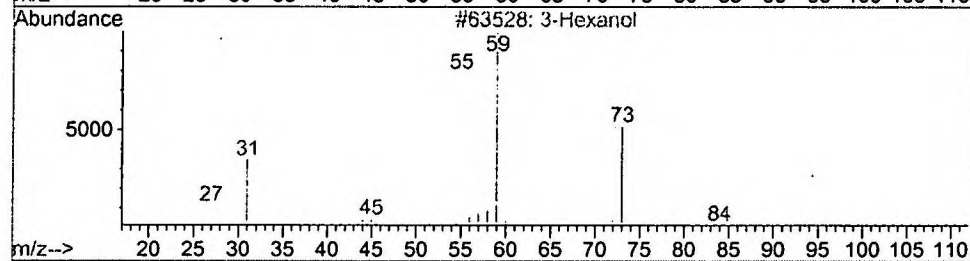
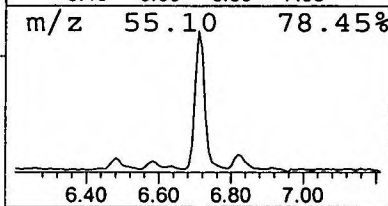
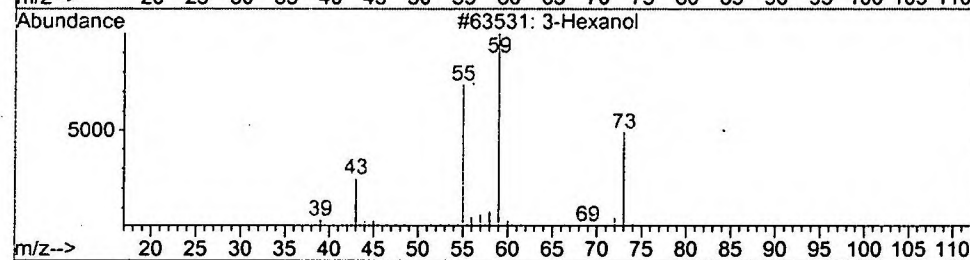
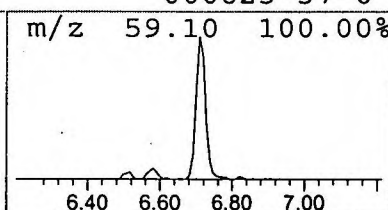
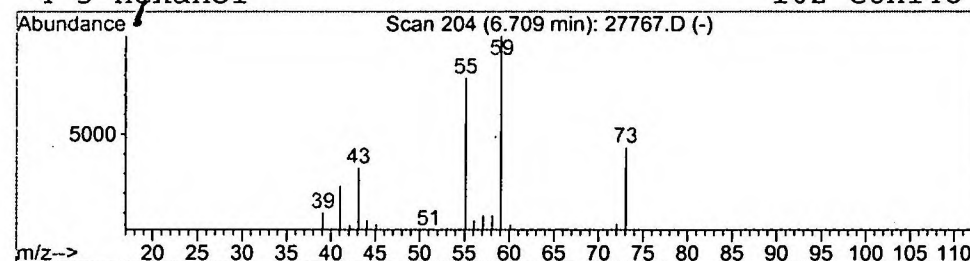
Vial: 10
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
6.71	0.88 ng/uL	267775	1,4-Dichlorobenzene-d4	11.87

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



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 Misc :
 MS Integration Params: LSCINT.P

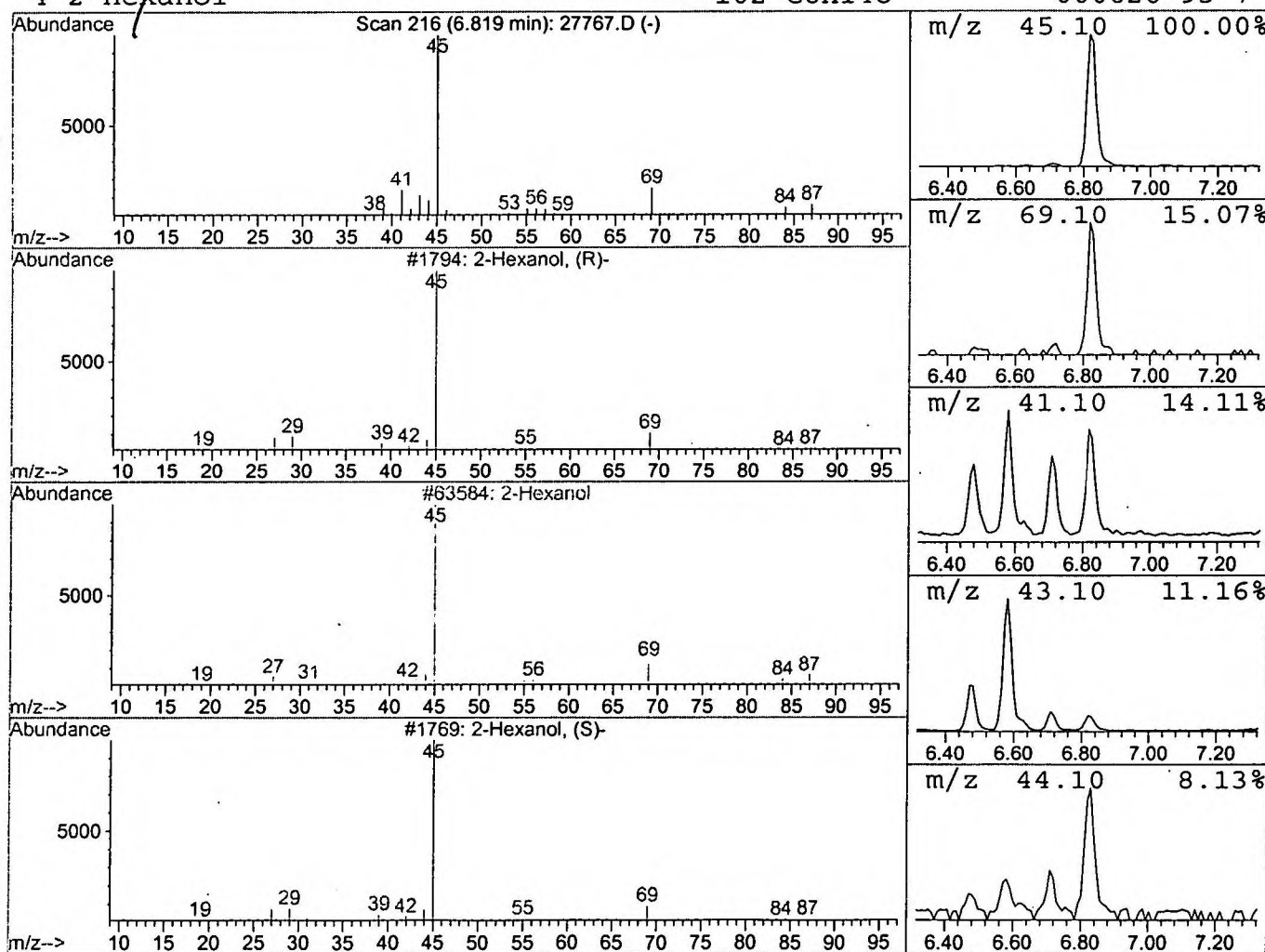
Vial: 10
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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, (R) - Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	1.17 ng/uL	355754	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, (R) -	102	C6H14O	026549-24-6	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Hexanol, (S) -	102	C6H14O	052019-78-0	74
4	2-Hexanol	102	C6H14O	000626-93-7	64



Library Search Compound Report

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

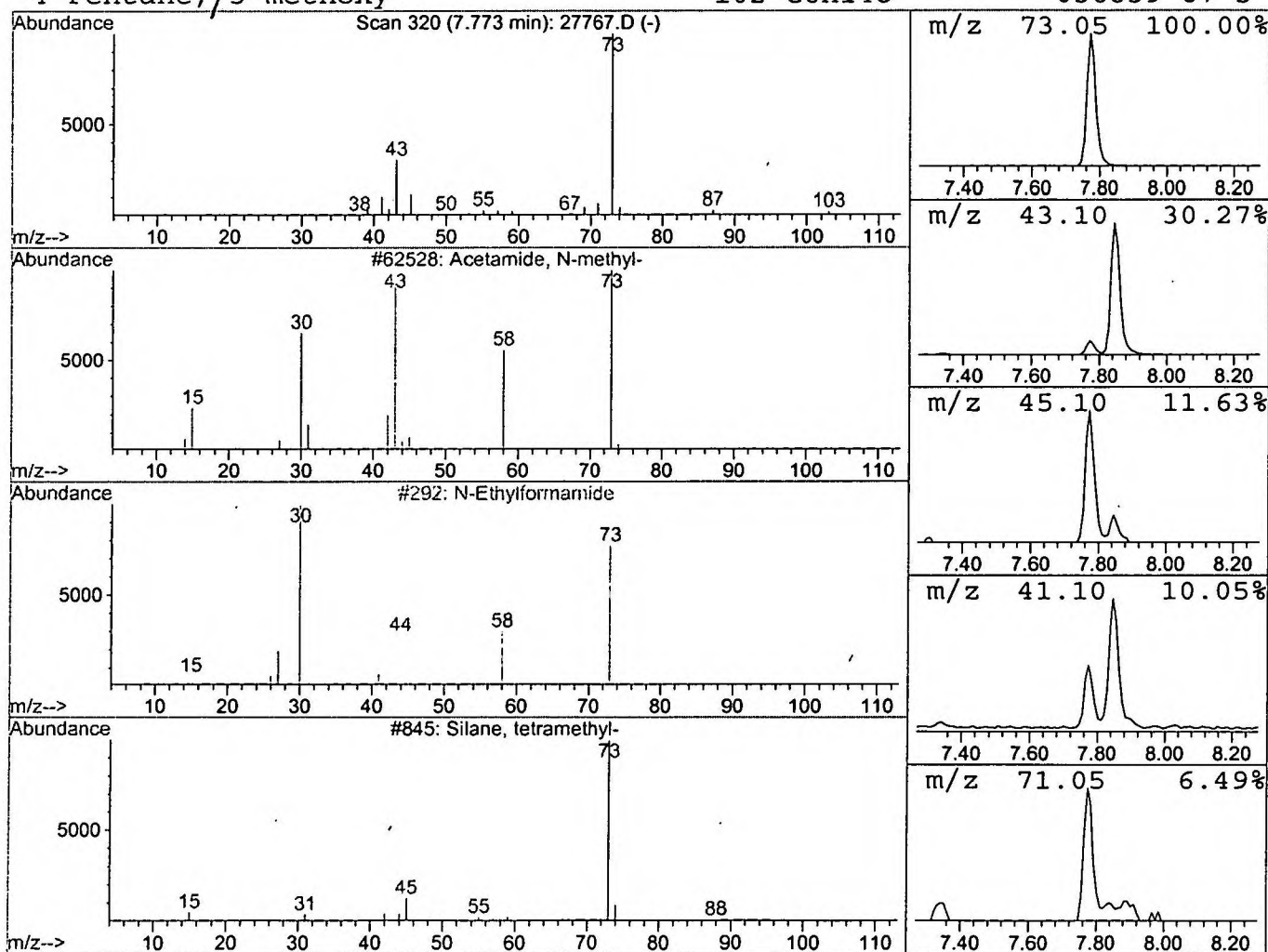
Vial: 10
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 5 Acetamide, N-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	1.61 ng/uL	489817	1,4-Dichlorobenzene-d4	11.87

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		Acetamide, N-methyl-	73	C3H7NO	000079-16-3	9
2		N-Ethylformamide	73	C3H7NO	000627-45-2	9
3		Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

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Acq On : 20 Dec 2001 4:08 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

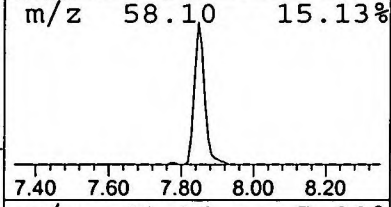
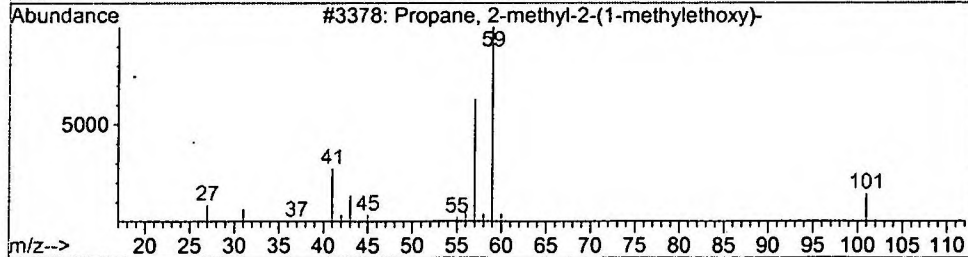
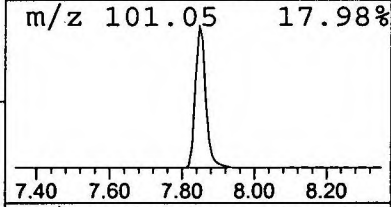
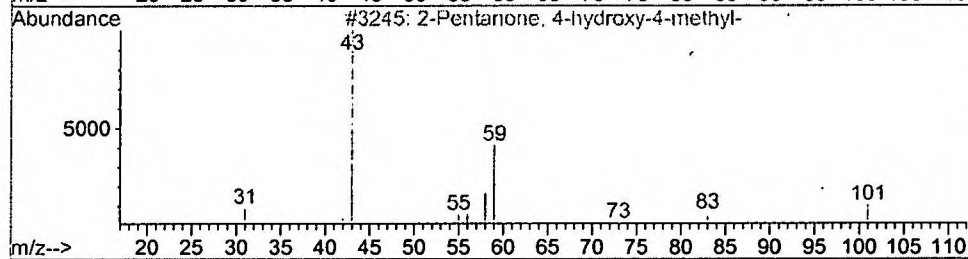
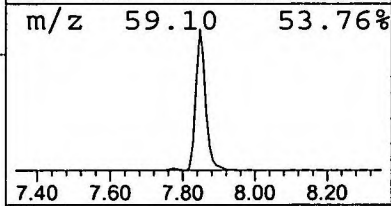
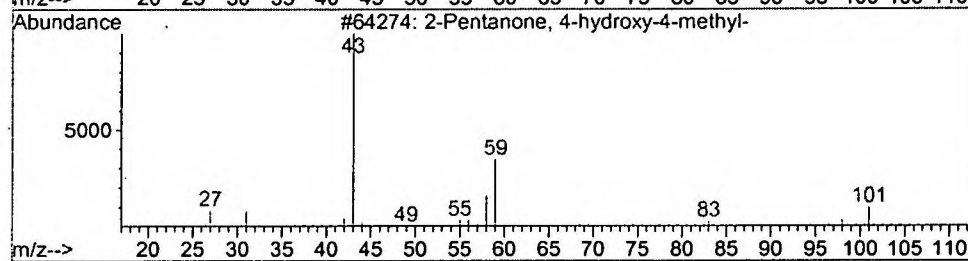
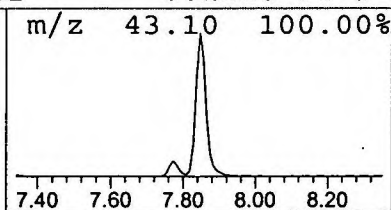
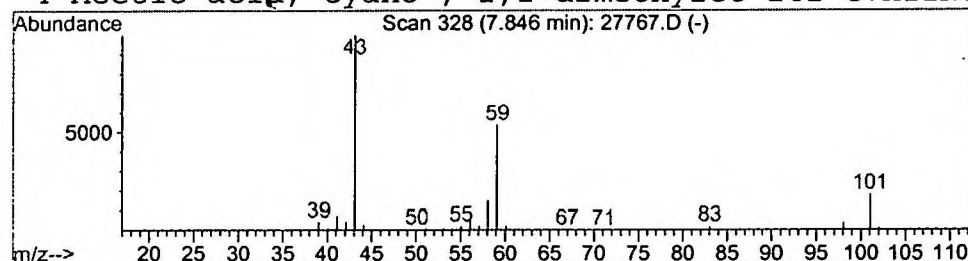
Vial: 10
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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.
7.85	5.70 ng/uL	1736920	1,4-Dichlorobenzene-d4	11.87

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59		
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43		
3	Propane, 2-methyl-2-(1-methylethoxy	116	C7H16O	017348-59-3	33		
4	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23		



27767.D NP112701.M Thu Dec 20 11:46:07 2001

Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 4:08 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27767.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	6.48	0.8	ng/uL	252218	ISTD01	11.87	6094760	20.0
2- Hexanone	6.58	1.4	ng/uL	436067	ISTD01	11.87	6094760	20.0
3- Hexanol	6.71	0.9	ng/uL	267775	ISTD01	11.87	6094760	20.0
2- Hexanol , (R) -	6.82	1.2	ng/uL	355754	ISTD01	11.87	6094760	20.0
Acetamide, N-methyl-	7.77	1.6	ng/uL	489817	ISTD01	11.87	6094760	20.0
2- Pentanone , 4-hydro	7.85	5.7	ng/uL	1736920	ISTD01	11.87	6094760	20.0

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