

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 10:12:02

Sample: AD27389
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/19/01 10:11 Ended: 12/19/01 10:11 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 AD27389 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-19-2001 Time: 10:12:07

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\DEC1201\27389.D

Vial: 3

Acq On : 12 Dec 2001 5:08 pm

Operator: GALOS

Sample : gc/ms unknown 11/14

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 14 9:16 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	11.83	152	919865	20.00	ng/uL	-0.11
19) Naphthalene-d8	15.44	136	3608227	20.00	ng/uL	-0.11
31) Acenaphthene-d10	20.72	164	1559217	20.00	ng/uL	-0.11
49) Phenanthrene-d10	25.12	188	2376238m	20.00	ng/uL	-0.13
59) Chrysene-d12	33.12	240	1521033	20.00	ng/uL	-0.13
68) Perylene-d12	37.20	264	1070248	20.00	ng/uL	-0.13

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	11.84	132	914	0.01	ng/uL	0.42
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	12.04	152	286	0.01	ng/uL	-0.42
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	18.86	172	1398	0.01	ng/uL	0.03
Spiked Amount	50.000	Range	42 - 78	Recovery	=	0.02%#
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

27389.D NP112701.M

Fri Dec 14 09:36:44 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\27389.D
 Acq On : 12 Dec 2001 5:08 pm
 Sample : gc/ms unknown 11/14
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 14 9:16 2001

Vial: 3
 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	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	0.00	149	0	N.D.	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\DEC1201\27389.D

Vial: 3

Acq On : 12 Dec 2001 5:08 pm

Operator: GALOS

Sample : gc/ms unknown 11/14

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 14 9:16 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	33.12	228	3184	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.39	149	29069	0.33	ng/uL	98
67) Chrysene	33.12	228	3184	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	37.20	252	3611	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

27389.D NP112701.M Fri Dec 14 09:36:47 2001

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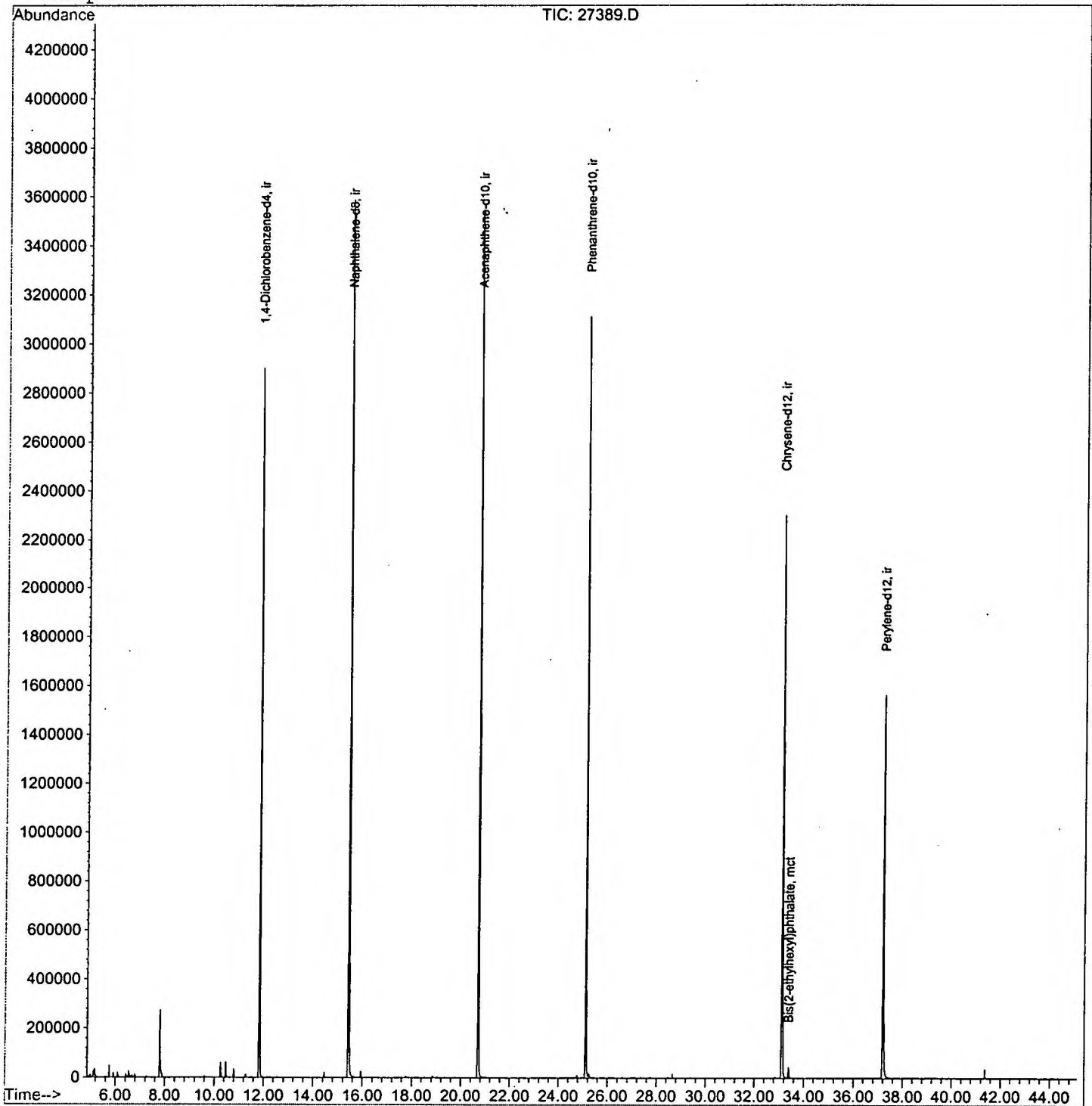
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27389.D
Acq On : 12 Dec 2001 5:08 pm
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:16 2001

Vial: 3
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 : Fri Dec 14 09:15:17 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27389.D

Acq On : 12 Dec 2001 5:08 pm

Sample : gc/ms unknown 11/14

Misc :

MS Integration Params: LSCINT.P

Vial: 3

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	5.172	33	36	47	rVB	34042	77751	1.06%	0.211%
2	7.804	319	323	337	rBV	274862	627460	8.56%	1.704%
3	10.261	587	591	597	rBV	62045	114529	1.56%	0.311%
4	10.472	610	614	623	rVB	64785	123176	1.68%	0.334%
5	11.829	757	762	779	rVB	2901580	5739772	78.26%	15.584%
6	15.442	1150	1156	1174	rBV	3587210	7334120	100.00%	19.913%
7	20.715	1725	1731	1749	rBV	3541721	7082323	96.57%	19.229%
8	25.117	2205	2211	2223	rBV2	3114693	6647584	90.64%	18.049%
9	33.122	3077	3084	3103	rBV2	2302509	4925064	67.15%	13.372%
10	33.388	3109	3113	3124	rVB	46028	113776	1.55%	0.309%
11	37.203	3519	3529	3546	rBV	1560632	4045792	55.16%	10.985%

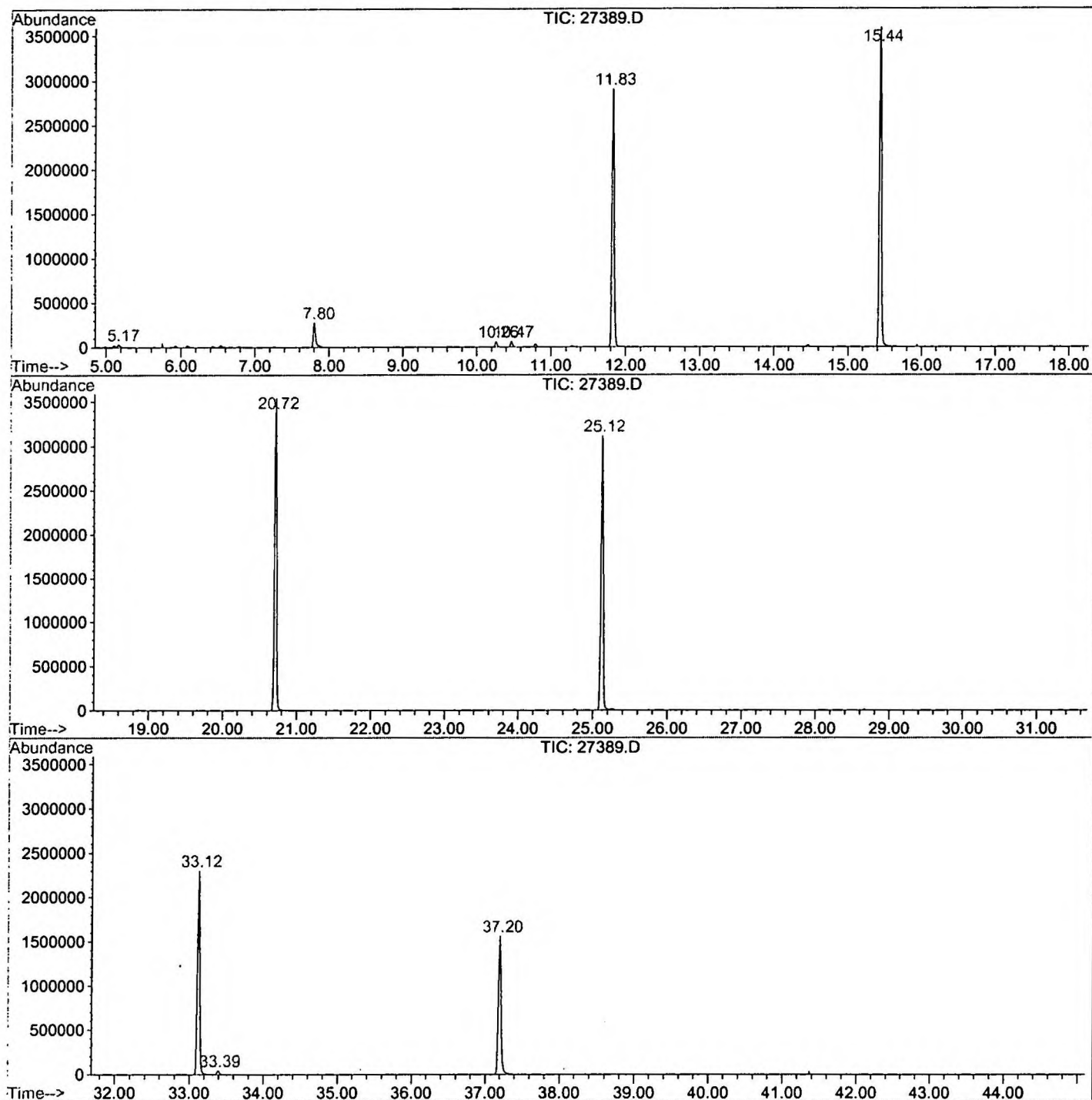
Sum of corrected areas: 36831347

27389.D NP112701.M

Fri Dec 14 12:19:13 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\27389.D
Operator : GALOS
Acquired : 12 Dec 2001 5:08 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/14
Misc Info :
Vial Number: 3
Quant File :NP112701.RES (RTE Integrator)



27389.D NP112701.M

Fri Dec 14 12:19:15 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27389.D
Acq On : 12 Dec 2001 5:08 pm
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

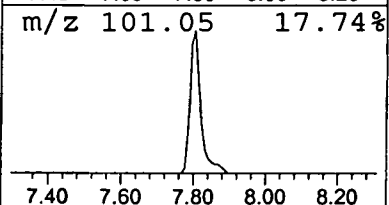
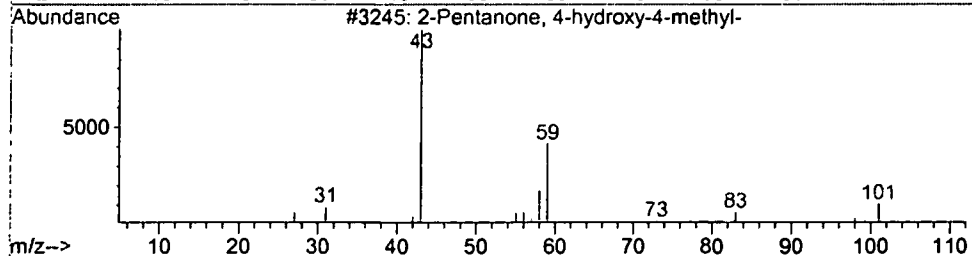
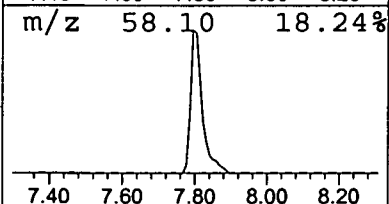
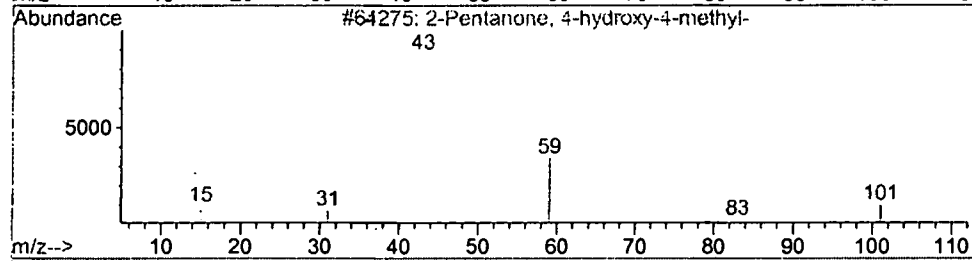
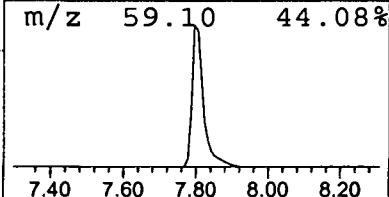
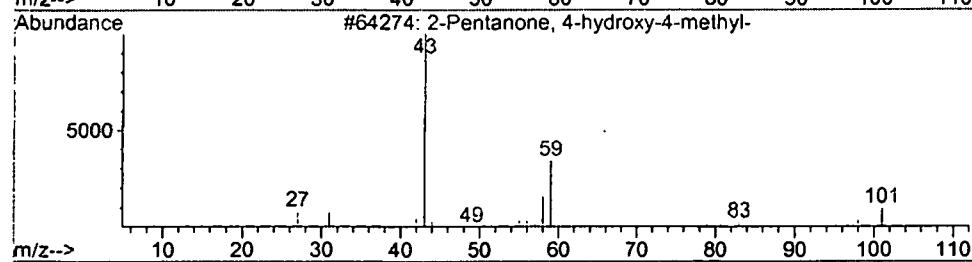
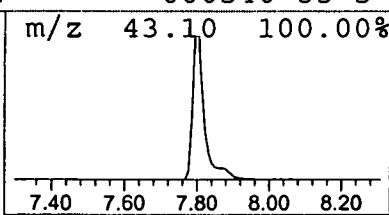
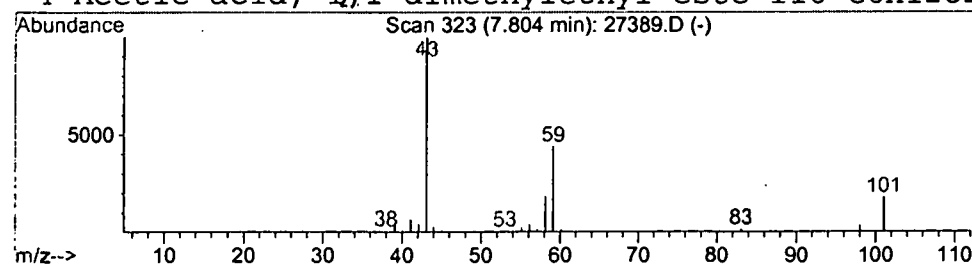
Vial: 3
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.80	2.19 ng/uL	627460	1,4-Dichlorobenzene-d4	11.83

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	53
3			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27389.D
Acq On : 12 Dec 2001 5:08 pm
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

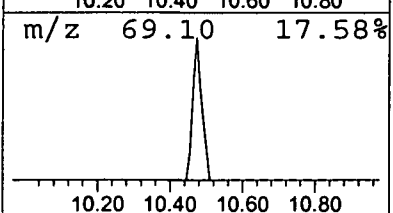
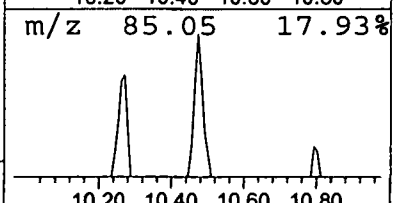
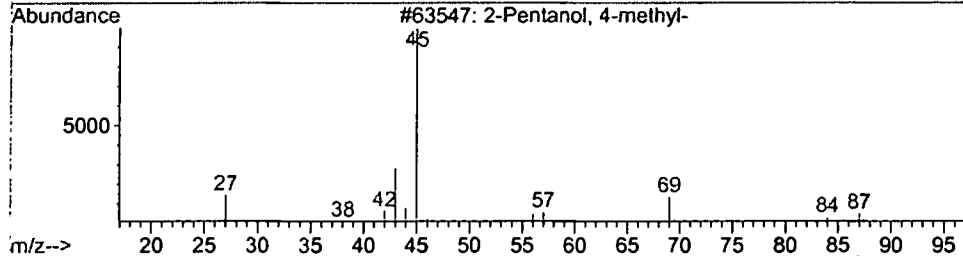
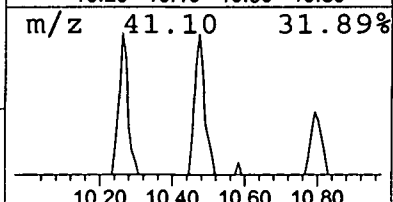
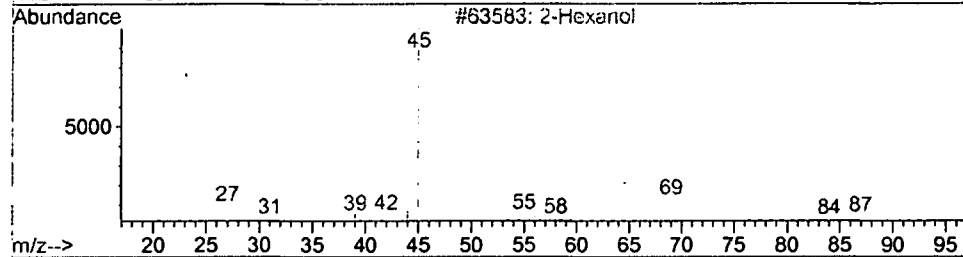
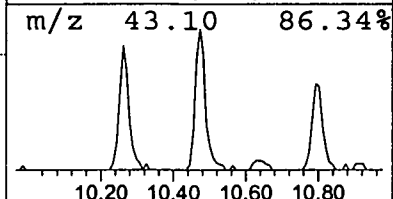
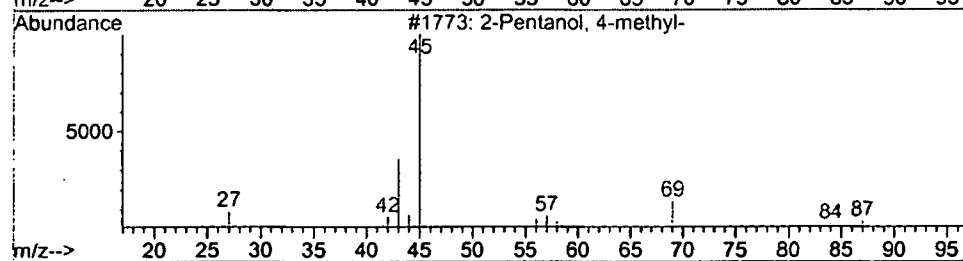
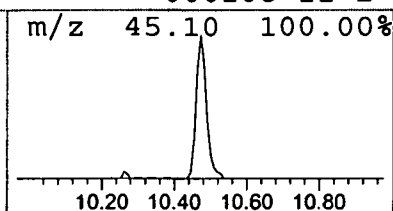
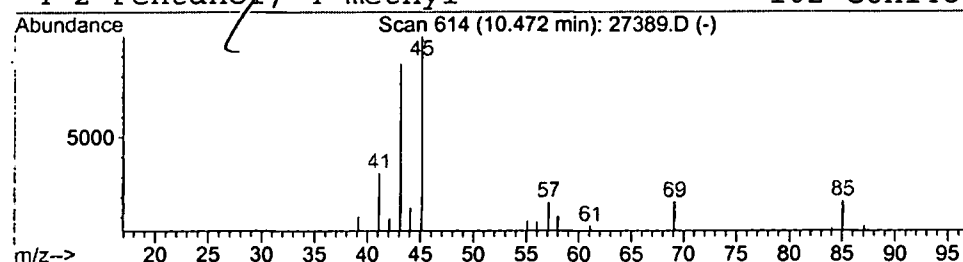
Vial: 3
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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-Pentanol, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	0.43 ng/uL	123176	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	72
2			2-Hexanol	102	C6H14O	000626-93-7	64
3			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
4			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 12 Dec 2001 5:08 pm
 Data File: C:\HPCHEM\1\DATA\DEC1201\27389.D
 Name: gc/ms unknown 11/14
 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
2-Pentanone, 4-hydro	7.80	2.2	ng/uL	627460	ISTD01	11.83	5739770	20.0
2-Pentanol, 4-methyl	10.47	0.4	ng/uL	123176	ISTD01	11.83	5739770	20.0

27389.D NP112701.M Fri Dec 14 12:19:21 2001

Comments for Sample AD27389 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 12-24-2001 Time: 12:16:55

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 except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.33 ug/L.