

Jser: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 15:07:05

Sample: AD28046
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 15:05 Ended: 1/2/02 15:05 Analyst: MG
Page: 1

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

omments for Sample AD28046 - Analysis \$GCMS

/estchester Dept. of Labs & Research

ser: Galos, Marie

ate: 01-02-2002 Time: 15:07:30

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\DEC2101\28046.D

Acq On : 21 Dec 2001 9:33 pm

Sample : gcms unknown 11/21

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:33 2001

Vial: 30

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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.79	152	1053435	20.00	ng/uL	-0.14
19) Naphthalene-d8	15.41	136	4231580	20.00	ng/uL	-0.14
31) Acenaphthene-d10	20.68	164	1864289	20.00	ng/uL	-0.14
49) Phenanthrene-d10	25.09	188	2786099	20.00	ng/uL	-0.15
59) Chrysene-d12	33.10	240	1925621	20.00	ng/uL	-0.15
68) Perylene-d12	37.18	264	1268866	20.00	ng/uL	-0.16

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	11.79	132	787	0.01	ng/uL	0.37
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ng/uL	
Spiked Amount	50.000	Range	26 - 73	Recovery	=	0.00%#
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range	55 - 98	Recovery	=	0.00%#
32) 2-Fluorobiphenyl	18.83	172	1857	0.02	ng/uL	0.00
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

28046.D NP112701.M

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Quantitation Report

(QT Reviewed)

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Vial: 30

Acq On : 21 Dec 2001 9:33 pm

Operator: GALOS

Sample : gcms unknown 11/21

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:33 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.	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) 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	25.10	178	290	N.D.		
56) Anthracene	25.10	178	290	N.D.		
57) Di-n-butylphthalate	27.08	149	30094	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\DEC2101\28046.D

Vial: 30

Acq On : 21 Dec 2001 9:33 pm

Operator: GALOS

Sample : gcms unknown 11/21

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:33 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	33.10	228	4128	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.36	149	6254	N.D.		
67) Chrysene	33.10	228	4128	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	37.18	252	5071	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

28046.D NP112701.M

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28046.D

Acq On : 21 Dec 2001 9:33 pm

Sample : gcms unknown 11/21

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:33 2001

Vial: 30

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

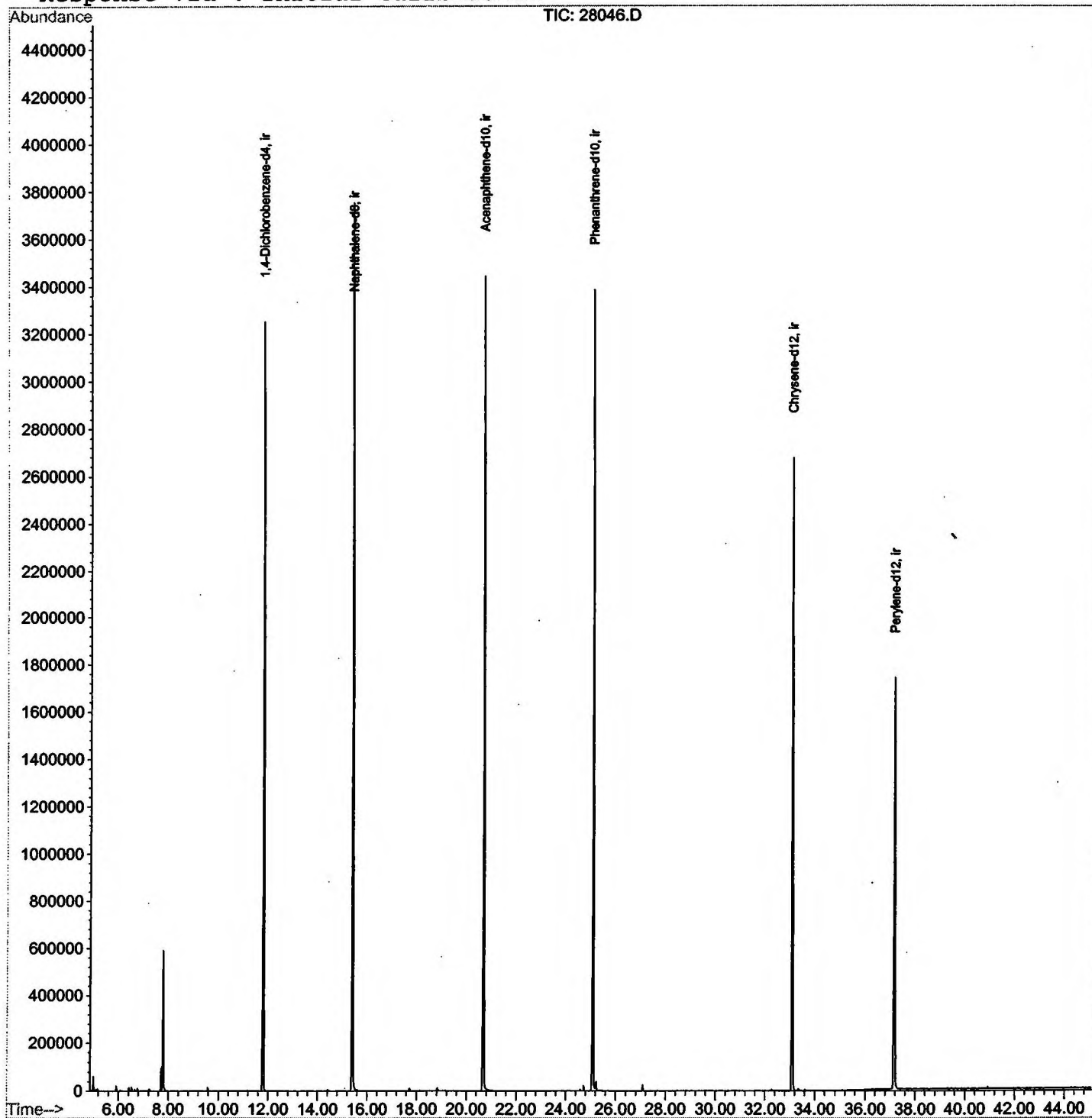
Quant Results File: NP112701.RES

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



28046.D NP112701.M

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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28046.D

Acq On : 21 Dec 2001 9:33 pm

Sample : gcms unknown 11/21

Misc :

MS Integration Params: LSCINT.P

Vial: 30

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	4.989	11	16	22	rVB	61451	112377	1.29%	0.252%
2	7.712	308	313	316	rBV2	96411	170049	1.96%	0.382%
3	7.776	316	320	335	rVB	591341	1130614	13.02%	2.539%
4	11.793	752	758	774	rVB	3251565	6625383	76.30%	14.878%
5	15.406	1144	1152	1167	rBV	3754622	8683818	100.00%	19.501%
6	20.679	1719	1727	1746	rBV	3445376	8417444	96.93%	18.903%
7	25.090	2199	2208	2219	rBV2	3388137	8008543	92.22%	17.985%
8	33.095	3073	3081	3096	rBV2	2675026	6429508	74.04%	14.439%
9	37.176	3517	3526	3540	rBV2	1734424	4952287	57.03%	11.121%

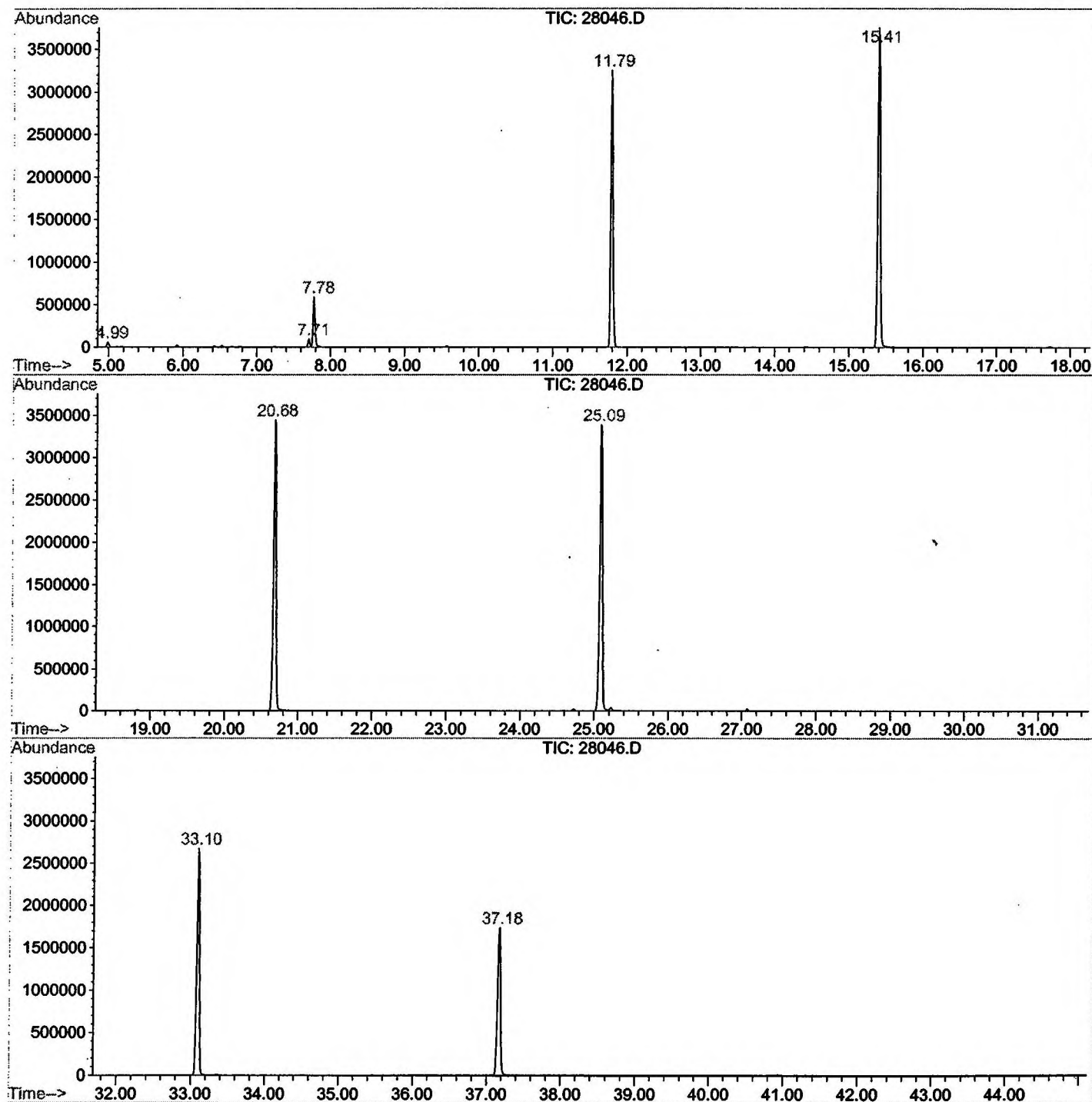
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28046.D NP112701.M

Thu Dec 27 08:38:34 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28046.D
Operator : GALOS
Acquired : 21 Dec 2001 9:33 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/21
Misc Info :
Vial Number: 30
Quant File :NP112701.RES (RTE Integrator)



28046.D NP112701.M

Thu Dec 27 08:38:37 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28046.D
Acq On : 21 Dec 2001 9:33 pm
Sample : gcms unknown 11/21
Misc :
MS Integration Params: LSCINT.P

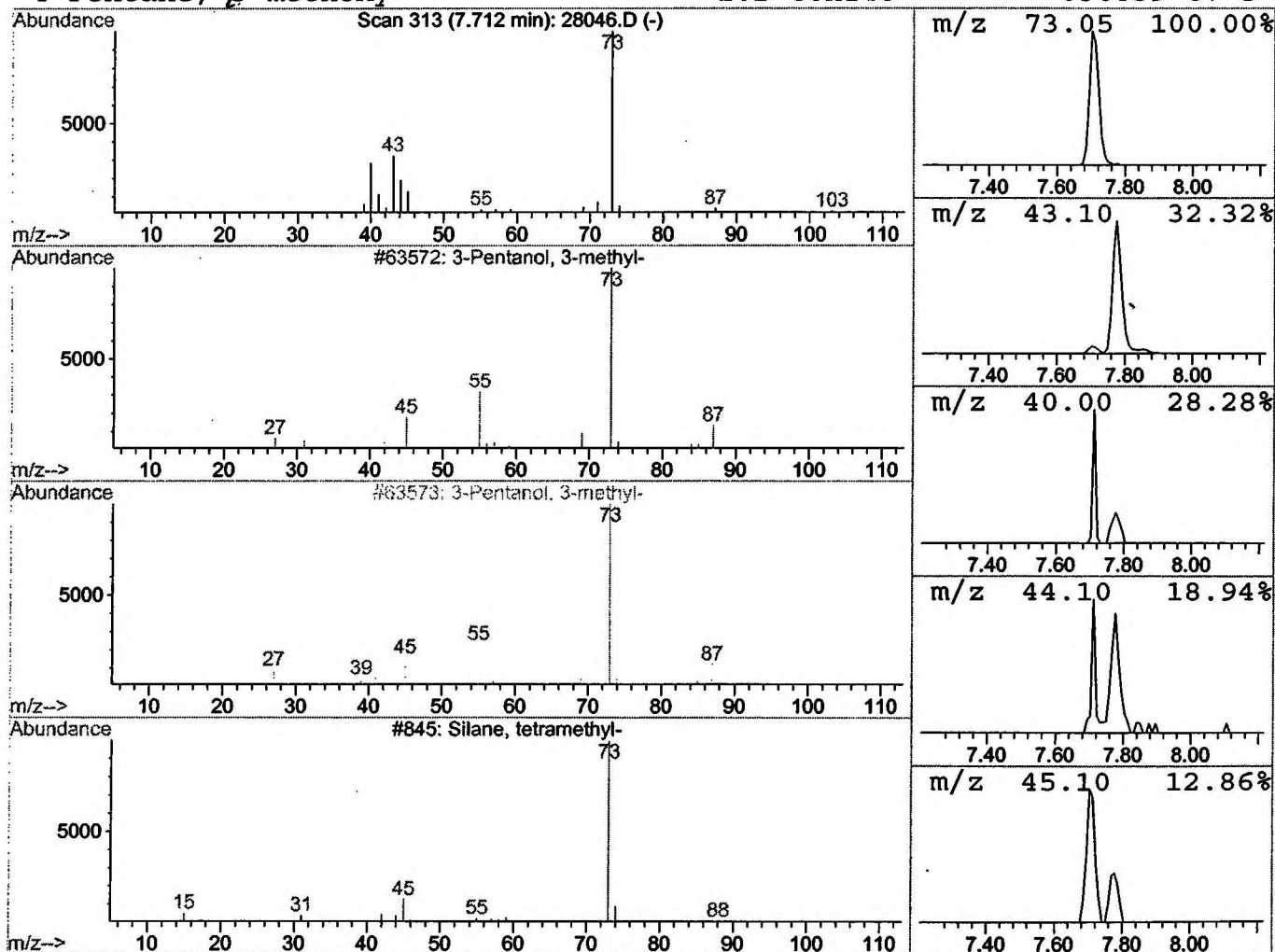
Vial: 30
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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-Pentanol, 3-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.71	0.51 ng/uL	170049	1,4-Dichlorobenzene-d4	11.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
2			3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	25
3			Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4			Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28046.D
Acq On : 21 Dec 2001 9:33 pm
Sample : gcms unknown 11/21
Misc :
MS Integration Params: LSCINT.P

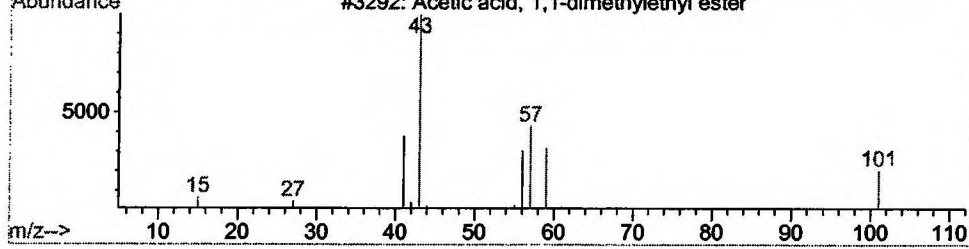
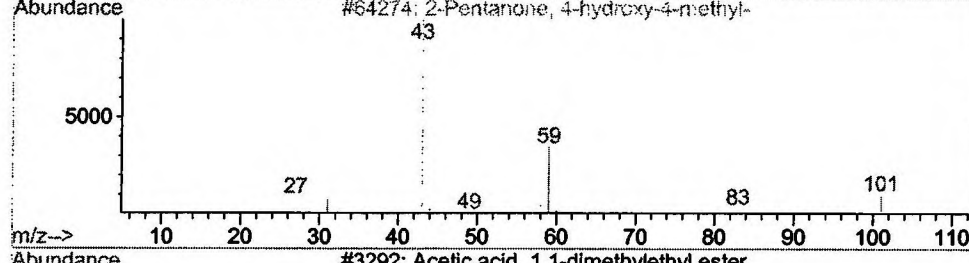
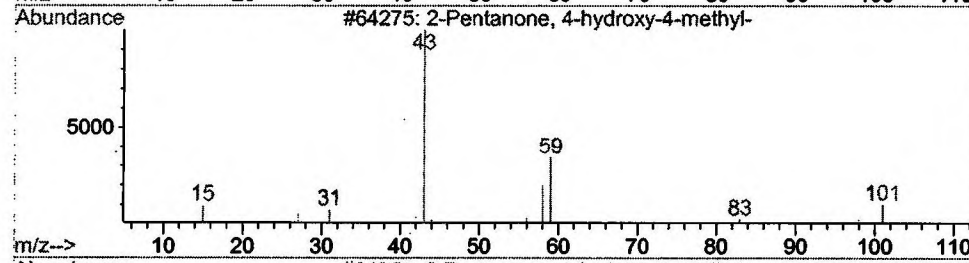
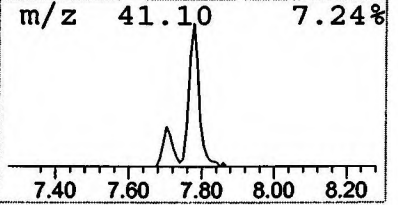
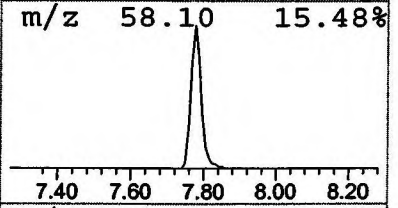
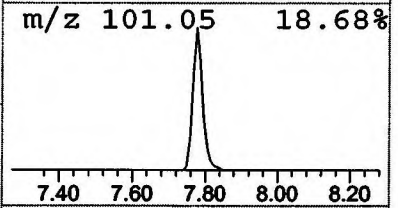
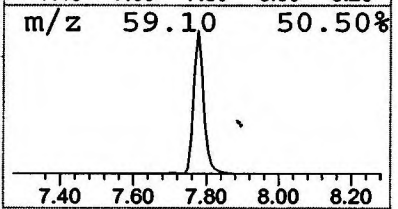
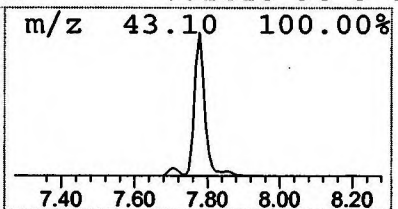
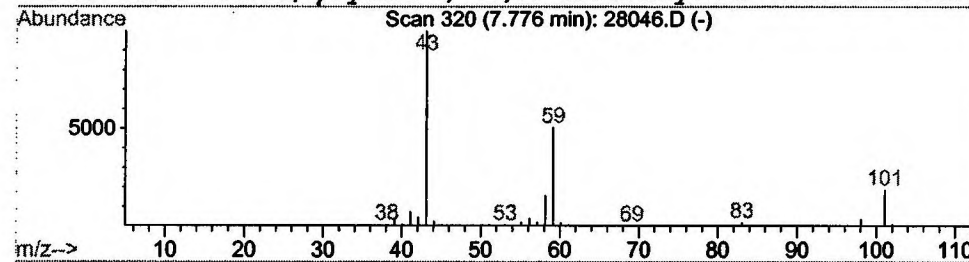
Vial: 30
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	3.41 ng/uL	1130610	1,4-Dichlorobenzene-d4	11.79

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	36
3			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
4			Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	23



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 21 Dec 2001 9:33 pm
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 Name: gcms unknown 11/21
 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-Pentanol, 3-methyl	7.71	0.5	ng/uL	170049	ISTD01	11.79	6625380	20.0
2-Pentanone, 4-hydro	7.78	3.4	ng/uL	1130610	ISTD01	11.79	6625380	20.0

28046.D NP112701.M Thu Dec 27 08:38:42 2001