

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 13:04:06

Sample: AD27395
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/19/01 10:45 Ended: 12/19/01 10:45 Analyst: MG
Result source: manual entry
Page: 1

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

Comments for Sample AD27395 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-19-2001 Time: 10:46:30

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\DEC1301\27395.D
 Acq On : 14 Dec 2001 1:49 am
 Sample : gcms unknown 11/14
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 14 9:12 2001

Vial: 18
 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	11.86	152	1011769	20.00	ng/uL	-0.08
19) Naphthalene-d8	15.47	136	4114020	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.74	164	1835331	20.00	ng/uL	-0.09
49) Phenanthrene-d10	25.15	188	2767716	20.00	ng/uL	-0.09
59) Chrysene-d12	33.15	240	1905967	20.00	ng/uL	-0.09
68) Perylene-d12	37.23	264	1376759	20.00	ng/uL	-0.10

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	783	0.01	ng/uL	0.44
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	12.08	152	1721	0.04	ng/uL	-0.38
Spiked Amount	50.000	Range 26 - 73	Recovery	=	0.08%#	
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount	50.000	Range 55 - 98	Recovery	=	0.00%#	
32) 2-Fluorobiphenyl	18.89	172	1990	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

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Quantitation Report

(QT Reviewed)

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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	27.14	149	7994	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

27395.D NP112701.M Fri Dec 14 12:25:30 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27395.D
 Acq On : 14 Dec 2001 1:49 am
 Sample : gcms unknown 11/14
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 14 9:12 2001

Vial: 18
 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	33.14	228	4122	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	24004	N.D.		
67) Chrysene	33.14	228	4122	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	37.22	252	4941	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
 27395.D NP112701.M Fri Dec 14 12:25:30 2001

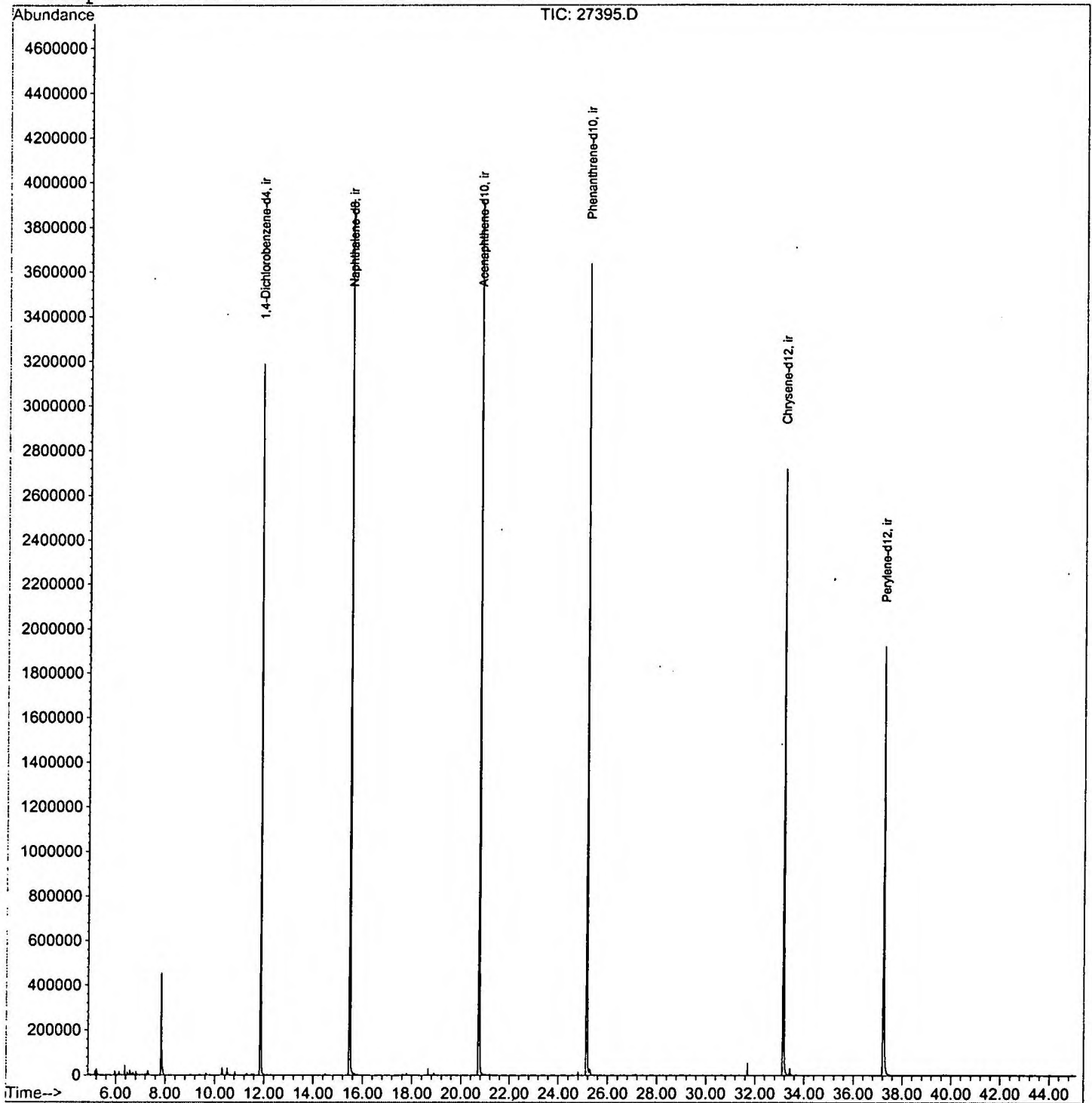
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27395.D
 Acq On : 14 Dec 2001 1:49 am
 Sample : gcms unknown 11/14
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 14 9:12 2001

Vial: 18
 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\DEC1301\27395.D

Vial: 18

Acq On : 14 Dec 2001 1:49 am

Operator: GALOS

Sample : gcms unknown 11/14

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	7.826	322	325	340	rVB	454644	986033	11.95%	2.307%
2	11.860	760	765	777	rVB	3184773	6257882	75.81%	14.639%
3	15.473	1152	1159	1177	rBV	3924080	8254467	100.00%	19.310%
4	20.737	1727	1733	1746	rBV	3913766	8193512	99.26%	19.167%
5	25.148	2208	2214	2226	rBV2	3635870	7754582	93.94%	18.140%
6	33.153	3080	3087	3105	rBV2	2719003	6115474	74.09%	14.306%
7	33.419	3111	3116	3127	rVB	32260	84513	1.02%	0.198%
8	37.234	3524	3532	3549	rBV2	1918116	5101746	61.81%	11.934%

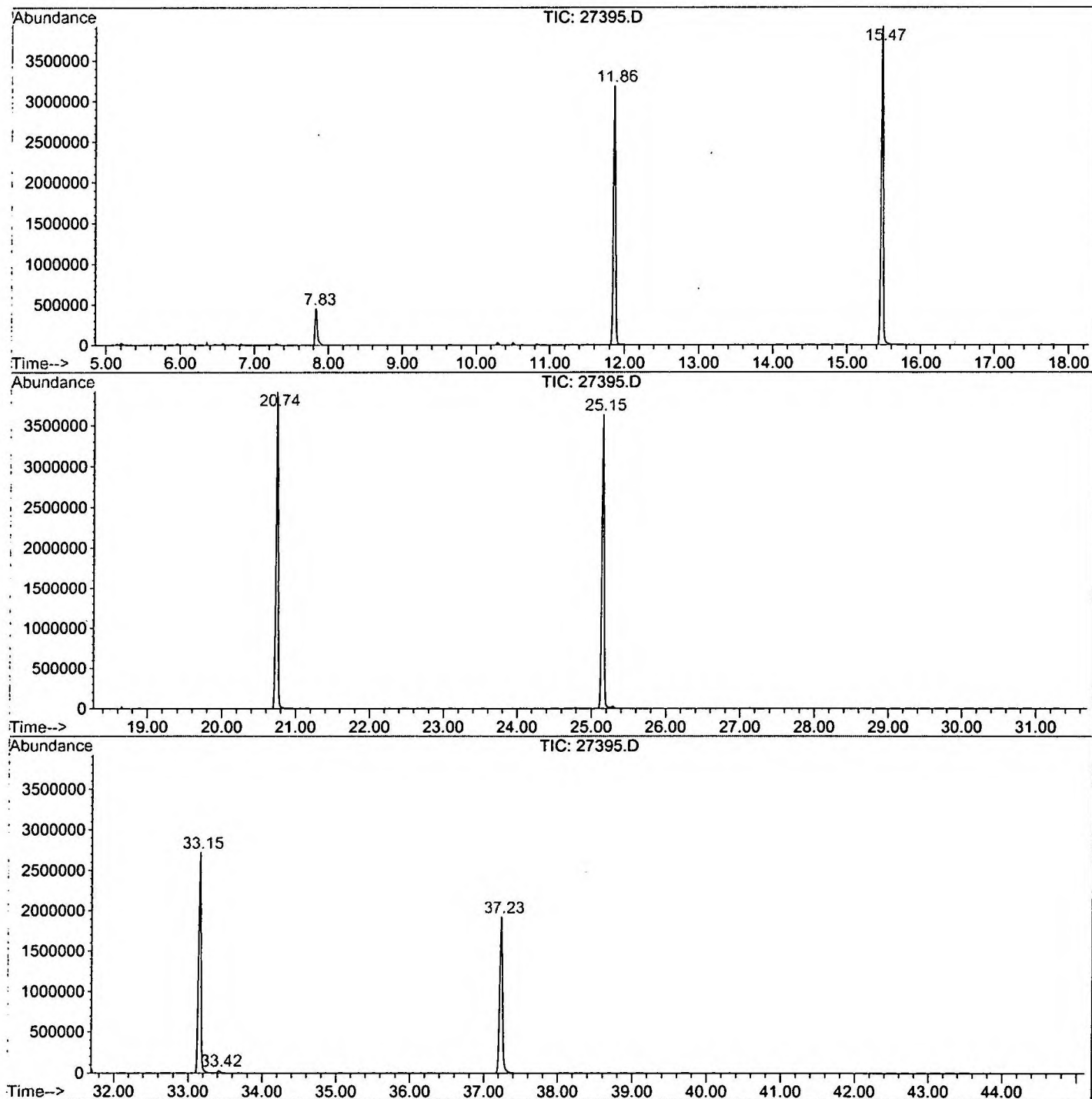
Sum of corrected areas: 42748209

27395.D NP112701.M

Fri Dec 14 12:40:09 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27395.D
 Operator : GALOS
 Acquired : 14 Dec 2001 1:49 am using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gcms unknown 11/14
 Misc Info :
 Vial Number: 18
 Quant File :NP112701.RES (RTE Integrator)



27395.D NP112701.M

Fri Dec 14 12:40:12 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27395.D
Acq On : 14 Dec 2001 1:49 am
Sample : gcms unknown 11/14
Misc :
MS Integration Params: LSCINT.P

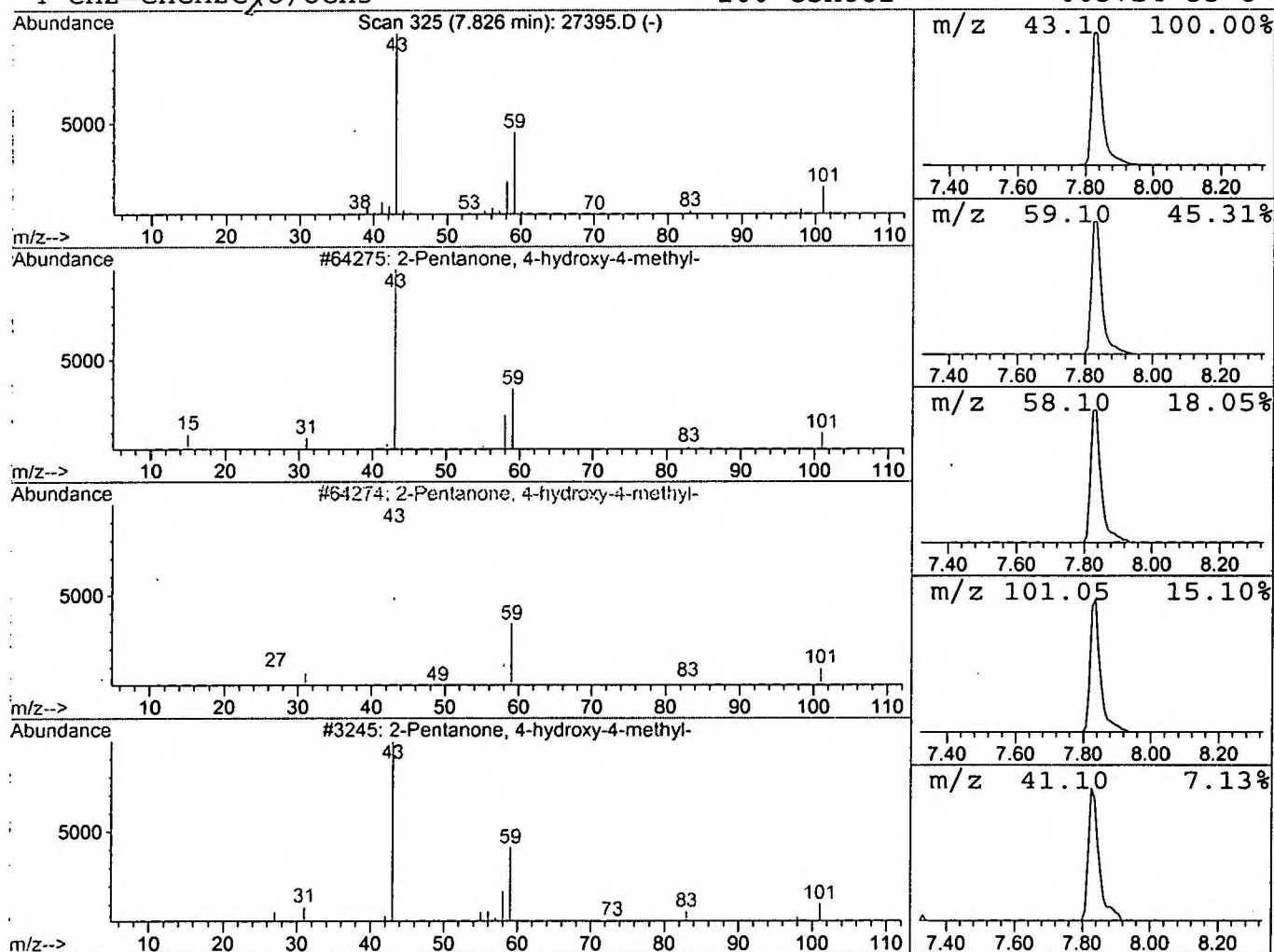
Vial: 18
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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.
7.83	3.15 ng/uL	986033	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		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4		CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 14 Dec 2001 1:49 am
Data File: C:\HPCHEM\1\DATA\DEC1301\27395.D
Name: gcms 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	7.83	3.2	ng/uL	986033	ISTD01	11.86	6257880	20.0

27395.D NP112701.M Fri Dec 14 12:40:16 2001