

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/10/2001 Time: 14:39:00

Sample: AD27015
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/10/01 14:38 Ended: 12/10/01 14:38 Analyst: MG
 Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

• **Comments for Sample AD27015 - Analysis \$GCMS**

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-11-2001 Time: 15:49:55

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 bis(2-Ethylhexyl)phthalate at an estimated level of 0.50 ug/L.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\27015.D

Vial: 9

Acq On : 5 Dec 2001 4:17 pm

Operator: GALOS

Sample : gc/ms unknown 11/13/01

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 7 10:31 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.	Q Ion	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.87	152	1161836	20.00	ng/uL	-0.06
19) Naphthalene-d8	15.48	136	4405206	20.00	ng/uL	-0.06
31) Acenaphthene-d10	20.76	164	1993775	20.00	ng/uL	-0.06
49) Phenanthrene-d10	25.17	188	2788301	20.00	ng/uL	-0.07
59) Chrysene-d12	33.17	240	1642818	20.00	ng/uL	-0.07
68) Perylene-d12	37.25	264	1107550	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	11.87	132	939	0.01	ng/uL	0.45
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	12.18	152	608	0.01	ng/uL	-0.28
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	1933	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	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.
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.

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0501\27015.D
 Acq On : 5 Dec 2001 4:17 pm
 Sample : gc/ms unknown 11/13
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 7 10:31 2001

Vial: 9
 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
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	25.17	178	277	N.D.		
56) Anthracene	25.17	178	277	N.D.		
57) Di-n-butylphthalate	27.16	149	5346	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		
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	33.16	228	3506	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.44	149	47911	0.50 ng/uL		99
67) Chrysene	33.16	228	3506	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	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\DEC0501\27015.D
 Acq On : 5 Dec 2001 4:17 pm
 Sample : gc/ms unknown 11/13
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 7 10:31 2001

Vial: 9
 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
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.25	252	3660	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.		

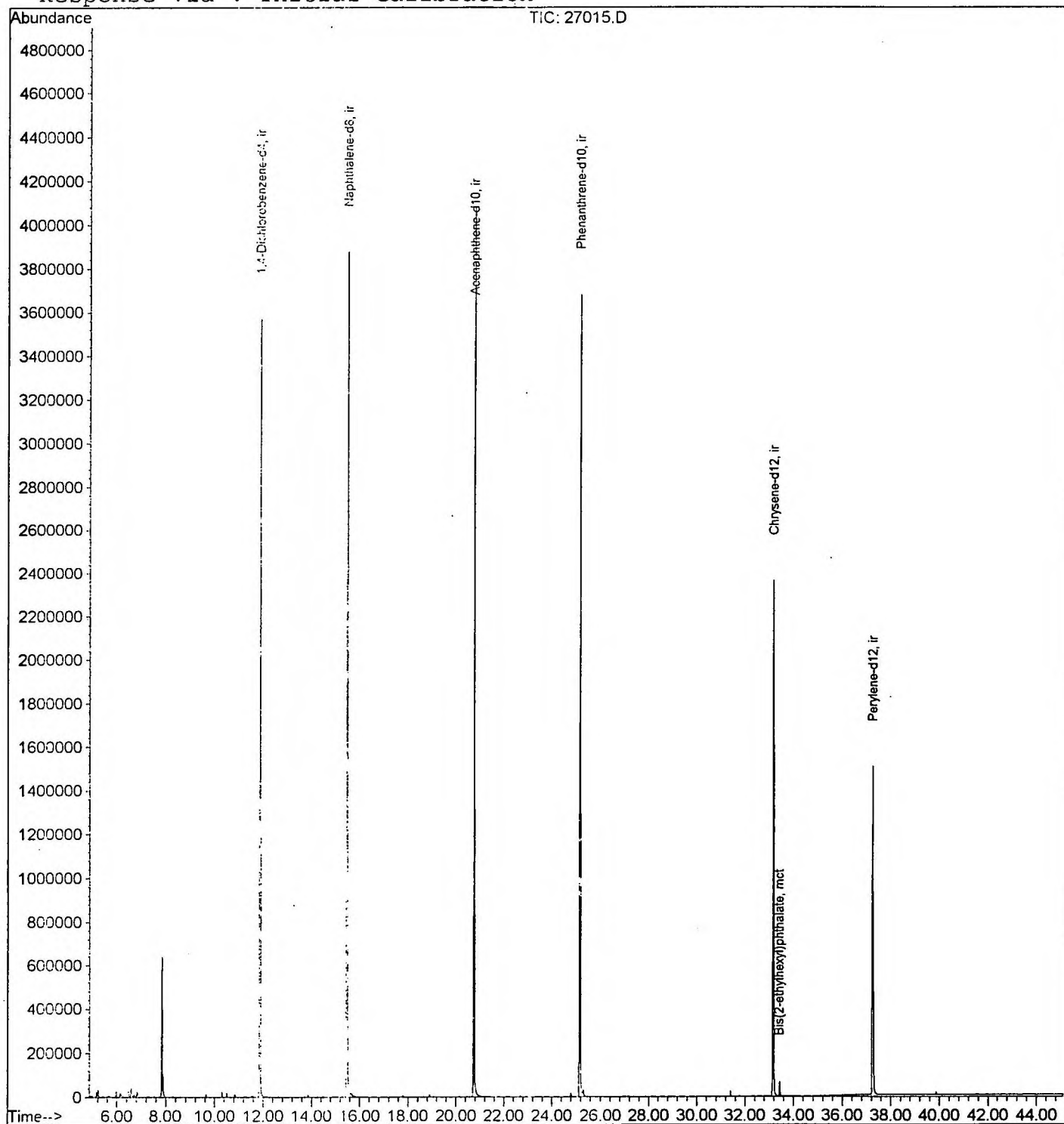
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27015.D
 Acq On : 5 Dec 2001 4:17 pm
 Sample : gc/ins unknown 11/13
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 7 10:31 2001

Vial: 9
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

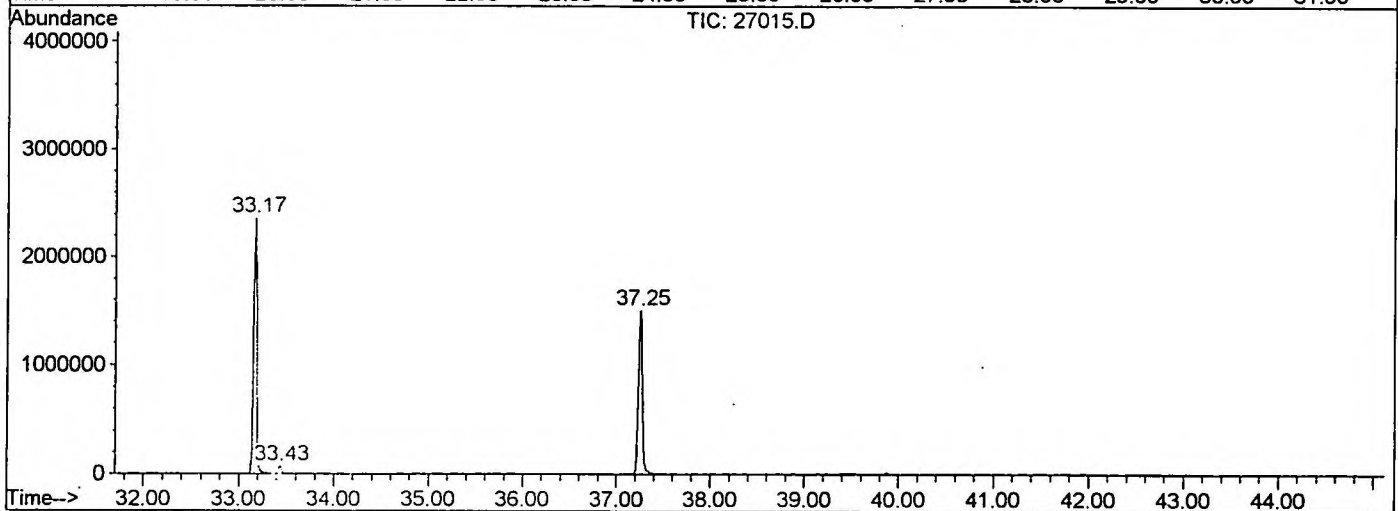
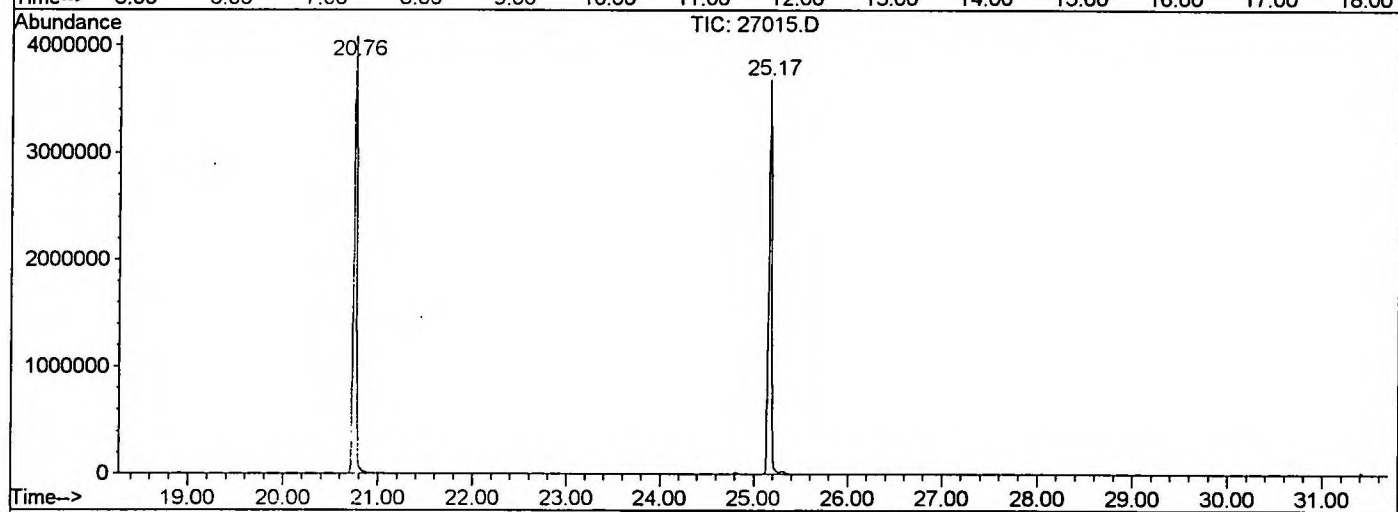
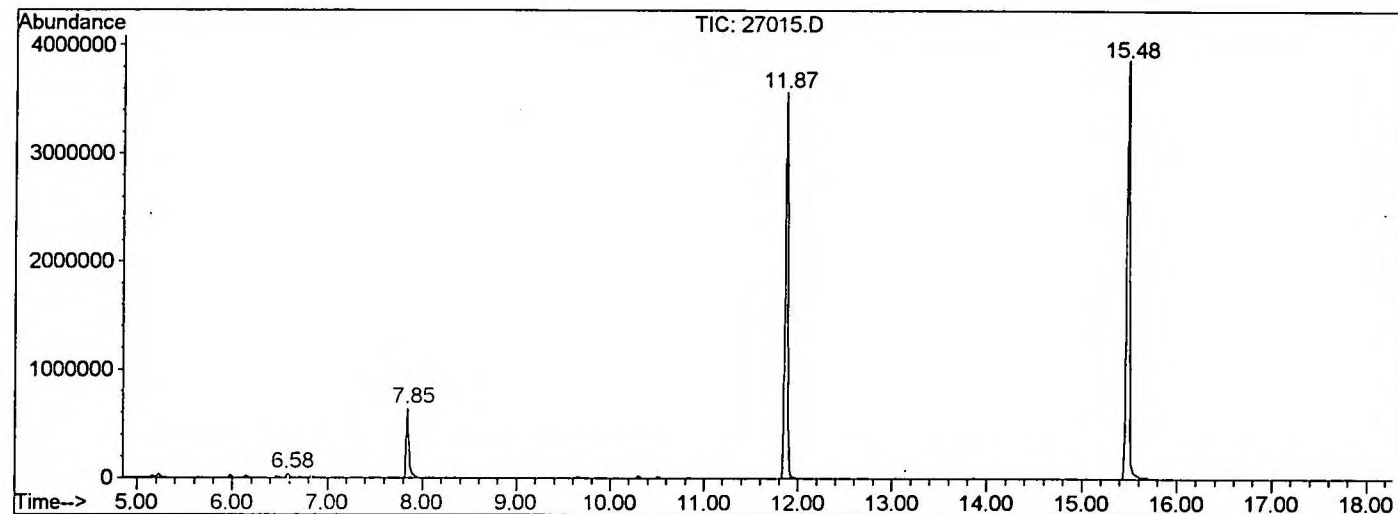
Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
 Title : 208 625/TCLP calibration table
 Last Update : Fri Dec 07 09:59:59 2001
 Response via : Initial Calibration



LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\27015.D
 Operator : GALOS
 Acquired : 5 Dec 2001 4:17 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/13
 Misc Info :
 Vial Number: 9
 Quant File :NP112701.RES (RTE Integrator)



27015.D NP112701.M Fri Dec 07 11:54:51 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27015.D
 Acq On : 5 Dec 2001 4:17 pm
 Sample : gc/ms unknown 11/13
 Misc :
 MS Integration Params: LSCINT.P

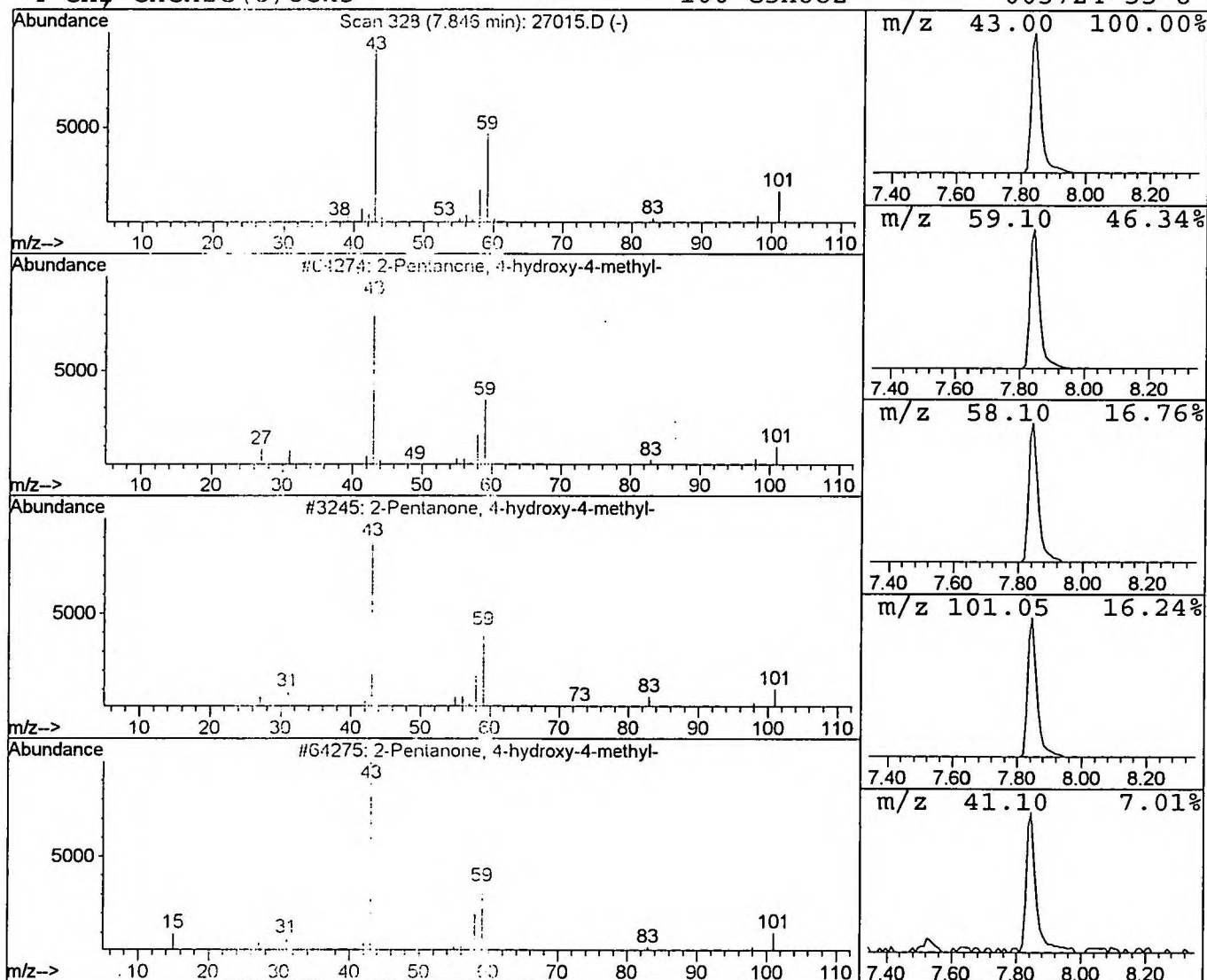
Vial: 9
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
7.85	3.64 ng/uL	1291010	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			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4			CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 5 Dec 2001 4:17 pm
 Data File: C:\HPCHEM\1\DATA\DEC0501\27015.D
 Name: gc/ms unknown 11/13
 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	7.85	3.6	ng/uL	1291010	ISTD01	11.87	7098560	20.0

27015.D NP112701.M Fri Dec 07 11:55:00 2001