User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 14:36:04

Sample: AD27111
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/10/01 14:35 Ended: 12/10/01 14:35 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD27111 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-10-2001 Time: 14:36:10

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\DEC0501\27111.D Vial: 11
Acq On : 5 Dec 2001 6:05 pm Operator: GALOS
Sample : gc/ms unknown 11/13 Inst : GC/MS Ins
Misc : Multiplr: 1.00
IS 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.	QIon	Response	Conc Units	Dev(Min)
7) 1,4-Dichlorobenzene-d4	11.86	152	1300107	20.00 ng/uL	-0.07
19) Naphthalene-d8	15.48	136	5060513	20.00 ng/uL	-0.07
31) Acenaphthene-d10	20.76	164	2265587	20.00 ng/uL	-0.06
40) Phenanthrene-d10	25.17	188	3203567	20.00 ng/uL	-0.07
50) Chrysene-d12	33.17	240	1927372	20.00 ng/uL	-0.07
60) Perylene-d12	37.26	264	1310490	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%#		
9) 2-Chlorophenol-d4	11.86	132	1118	0.01 ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery = 0.01%#		
10) 1,2-Dichlorobenzene-d4	12.15	152	585	0.01 ng/uL	-0.31
Spiked Amount 50.000	Range 26 - 73		Recovery = 0.02%#		
27) Nitrobenzene-d5	0.00	82	0	0.00 ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery = 0.00%#		
37) 2-Fluorobiphenyl	18.90	172	2186	0.02 ng/uL	0.06
Spiked Amount 50.000	Range 42 - 78		Recovery = 0.04%#		
38) 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
1) Pyridine	0.00	79	0	N.D.	
2) 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.	
14) 2-Chlorophenol	0.00	128	0	N.D.	
17) 1,3-Dichlorobenzene	0.00	146	0	N.D.	
18) 1,4-Dichlorobenzene	0.00	146	0	N.D.	
19) 1,2-Dichlorobenzene	0.00	146	0	N.D.	
20) 2-Methylphenol	0.00	108	0	N.D.	
21) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.	
22) 3&4-Methylphenol	0.00	108	0	N.D.	
23) N-Nitrosodi-n-propylamine	0.00	70	0	N.D.	
24) Hexachloroethane	0.00	117	0	N.D.	
25) Nitrobenzene	0.00	77	0	N.D.	
26) Isophorone	0.00	82	0	N.D.	

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

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Misc : Multiplr: 1.00
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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
2	2-Nitrophenol	0.00	139	0	N.D.	
2	2,4-Dimethylphenol	0.00	107	0	N.D.	
2	bis(2-Chloroethoxy)methane	0.00	93	0	N.D.	
2	2,4-Dichlorophenol	0.00	162	0	N.D.	
2	1,2,4-Trichlorobenzene	0.00	180	0	N.D.	
2	Naphthalene	0.00	128	0	N.D.	
2	Hexachlorobutadiene	0.00	225	0	N.D.	
3	4-Chloro-3-methylphenol	0.00	107	0	N.D.	
3	Hexachlorocyclopentadiene	0.00	237	0	N.D.	
3	2,4,6-Trichlorophenol	0.00	196	0	N.D.	
3	2,4,5-Trichlorophenol	0.00	196	0	N.D.	
3	2-Chloronaphthalene	0.00	162	0	N.D.	
3	Dimethylphthalate	0.00	163	0	N.D.	
3	2,6-Dinitrotoluene	0.00	165	0	N.D.	d
4	Acenaphthylene	0.00	152	0	N.D.	
4	Acenaphthene	0.00	153	0	N.D.	
4	2,4-Dinitrophenol	0.00	184	0	N.D.	
4	4-Nitrophenol	0.00	65	0	N.D.	
4	2,4-Dinitrotoluene	0.00	165	0	N.D.	
4	Diethylphthalate	0.00	149	0	N.D.	
4	4-Chlorophenylphenylether	0.00	204	0	N.D.	
4	Fluorene	0.00	166	0	N.D.	
4	Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
5	4,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
5	N-Nitrosodiphenylamine	0.00	169	0	N.D.	
5	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
5	Hexachlorobenzene	0.00	284	0	N.D.	
5	Pentachlorophenol	0.00	266	0	N.D.	
5	Phenanthrene	25.17	178	287	N.D.	
5	Anthracene	25.17	178	287	N.D.	
5	Di-n-butylphthalate	27.16	149	9407	N.D.	
5	Fluoranthene	0.00	202	0	N.D.	
6	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	
6	Benzidine	0.00	184	0	N.D.	
6	Pyrene	0.00	202	0	N.D.	
6	Butylbenzylphthalate	0.00	149	0	N.D.	
6	Benzo(a)anthracene	33.17	228	4501	N.D.	
6	Bis(2-ethylhexyl)phthalate	33.43	149	14390	N.D.	
6	Chrysene	33.17	228	4501	N.D.	
6	Di-n-Octylphthalate	0.00	149	0	N.D.	
7	Benzo(b)fluoranthene	0.00	252	0	N.D.	

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

Quantitation Report (QT Reviewed)

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Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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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
7) Benzo(k)fluoranthene	0.00	252	0	N.D.	
7) Benzo(a)pyrene	37.25	252	4571	N.D.	
7) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
7) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
7) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

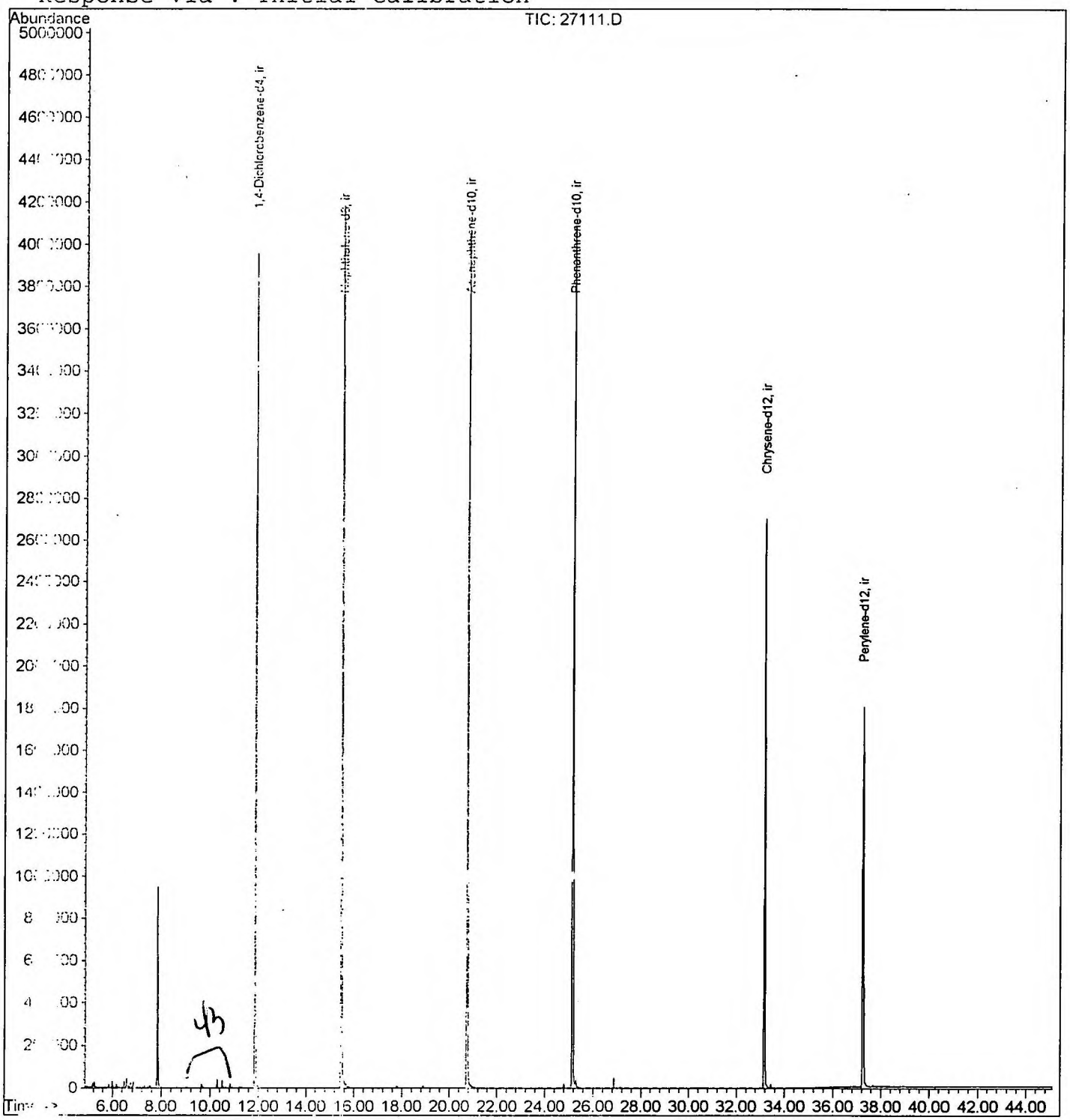
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27111.D
Acq On : 5 Dec 2001 6:05 pm
Sample : gc/ms unknown 11/13
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:31 2001

Vial: 11
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 Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27111.D Vial: 11
Acq On : 5 Dec 2001 6:05 pm Operator: GALOS
Sample : gc/ms unknown 11/13 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

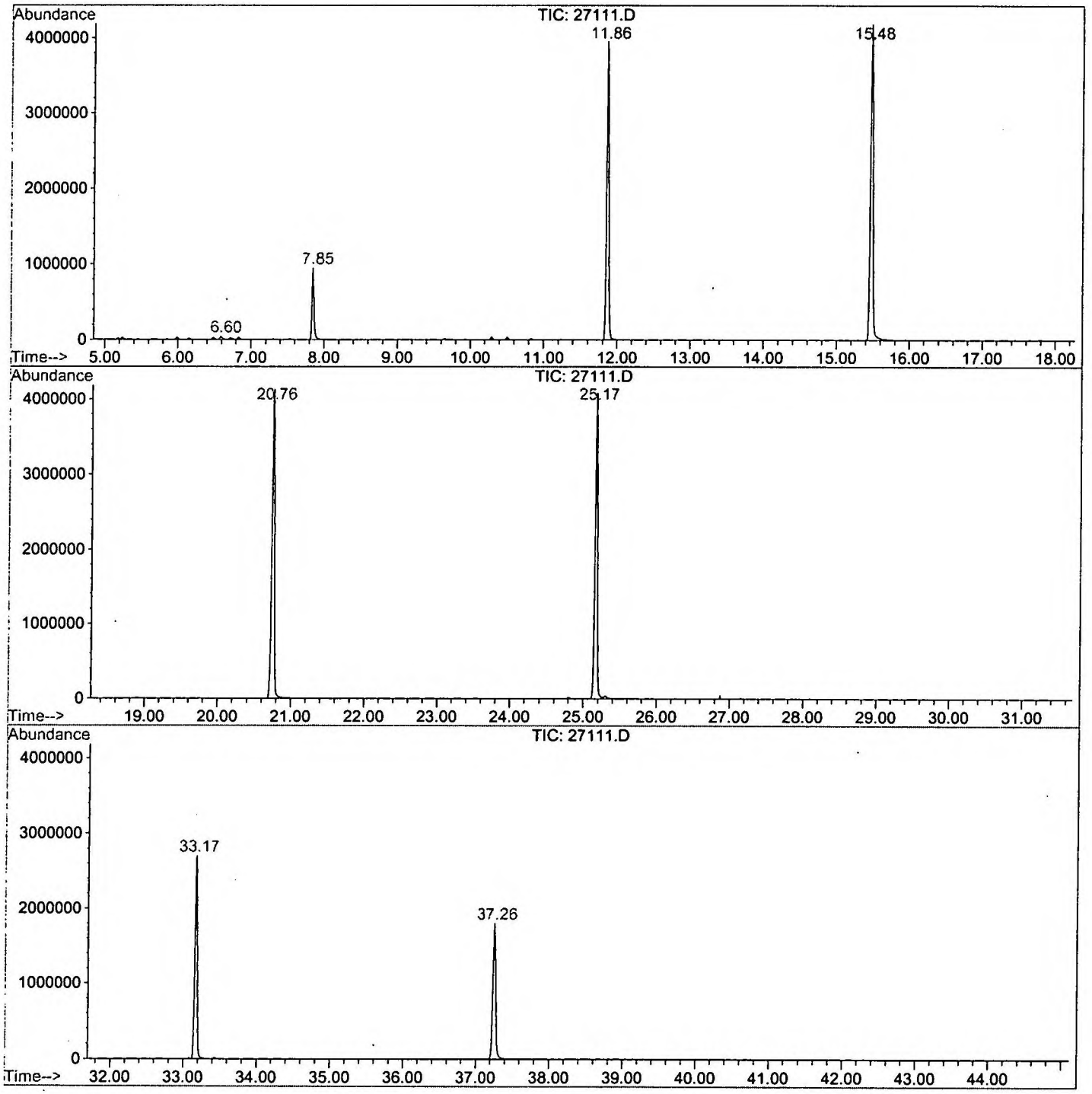
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.599	186	192	199	rBV	44115	103021	1.00%	0.205%
2	7.847	324	328	340	rBV	949621	1846063	17.98%	3.671%
3	11.863	760	766	780	rBV	3954767	8057652	78.47%	16.021%
4	15.476	1153	1160	1177	rBV	4183220	10269009	100.00%	20.418%
5	20.758	1727	1736	1757	rBV	4127966	10029129	97.66%	19.941%
6	25.169	2208	2217	2228	rBV2	4080148	9000908	87.65%	17.897%
7	33.174	3083	3090	3104	rBV2	2701521	6157127	59.96%	12.242%
8	37.255	3527	3535	3549	rBV2	1797810	4831015	47.04%	9.606%

Sum of corrected areas: 50293924

27111.D NP112701.M Fri Dec 07 12:57:08 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\27111.D
Operator : GALOS
Acquired : 5 Dec 2001 6:05 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/13
Misc Info :
Vial Number: 11
Quant File :NP112701.RES (RTE Integrator)



27111.D NP112701.M Fri Dec 07 12:57:11 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27111.D
Acq On : 5 Dec 2001 6:05 pm
Sample : gc/ms unknown 11/13
Misc :
MS Integration Params: LSCINT.P

Vial: 11
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

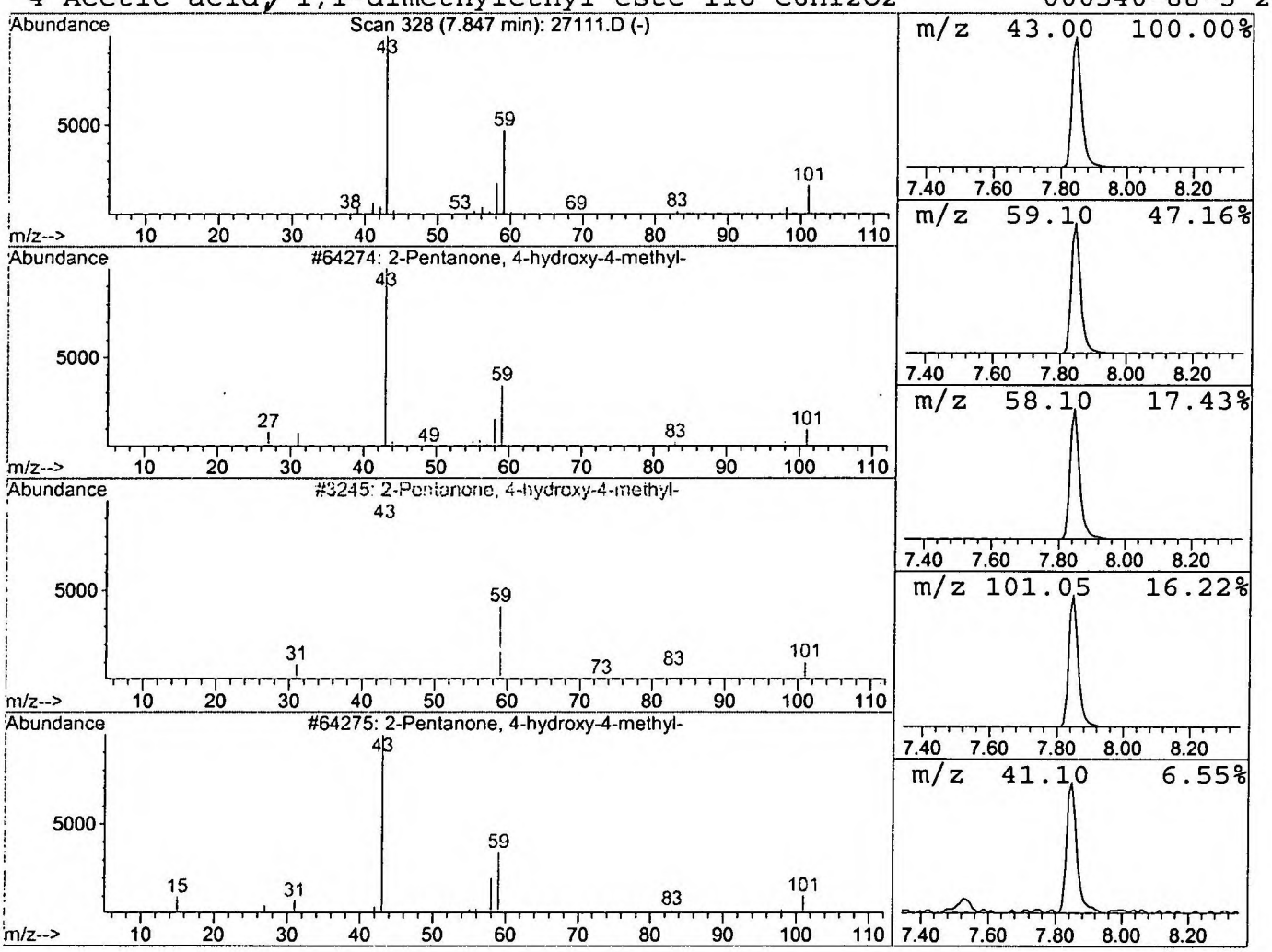
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	4.58 ng/uL	1846060	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	38
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 5 Dec 2001 6:05 pm
Data File: C:\HPCHEM\1\DATA\DEC0501\27111.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	4.6	ng/uL	1846060	ISTD01	11.86	8057650	20.0

27111.D NP112701.M Fri Dec 07 12:57:14 2001