User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 14:36:35

Sample: AD27110
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/10/01 14:36 Ended: 12/10/01 14:36 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD27110 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-10-2001 Time: 14:36:41

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\27110.D Vial: 12
Acq On : 5 Dec 2001 7:00 pm Operator: GALOS
Sample : gc/ms unknown 11/13 Inst : GC/MS Ins
Misc : Multiplr: 1.00
ALS Integration Params: RTEINT.P
Quant Time: Dec 7 10:32 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)
	1,4-Dichlorobenzene-d4	11.86	152	1203440	20.00	ng/uL	-0.08
1	Naphthalene-d8	15.47	136	4686486	20.00	ng/uL	-0.08
3	Acenaphthene-d10	20.76	164	2141657	20.00	ng/uL	-0.07
4	Phenanthrene-d10	25.17	188	3074587	20.00	ng/uL	-0.08
5	Chrysene-d12	33.17	240	1838977	20.00	ng/uL	-0.08
6	Perylene-d12	37.25	264	1288814	20.00	ng/uL	-0.08
	System Monitoring Compounds						
	2-Fluorophenol	0.00	112	0	0.00	ng/uL	
	Spiked Amount 75.000	Range 18 - 42		Recovery =	0.00%#		
	Phenol-d5	0.00	99	0	0.00	ng/uL	
	Spiked Amount 75.000	Range 19 - 32		Recovery =	0.00%#		
	2-Chlorophenol-d4	11.87	132	704	0.01	ng/uL	0.45
	Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
	1,2-Dichlorobenzene-d4	12.13	152	601	0.01	ng/uL	-0.33
	Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
2	Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
	Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
3	2-Fluorobiphenyl	18.90	172	2148	0.02	ng/uL	0.07
	Spiked Amount 50.000	Range 42 - 78		Recovery =	0.04%#		
3	2,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
	Spiked Amount 75.000	Range 45 - 96		Recovery =	0.00%#		
6	Terphenyl-d14	0.00	244	0	0.00	ng/uL	
	Spiked Amount 50.000	Range 58 - 98		Recovery =	0.00%#		
	Target Compounds						Qvalue
	Pyridine	0.00	79	0	N.D.		
	N-nitrosodimethylamine	0.00	74	0	N.D.		
	Phenol	0.00	94	0	N.D.		
	bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
1	2-Chlorophenol	0.00	128	0	N.D.		
1	1,3-Dichlorobenzene	0.00	146	0	N.D.		
1	1,4-Dichlorobenzene	0.00	146	0	N.D.		
1	1,2-Dichlorobenzene	0.00	146	0	N.D.		
1	2-Methylphenol	0.00	108	0	N.D.		
1	2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
1	3&4-Methylphenol	0.00	108	0	N.D.		
1	N-Nitrosodi-n-propylamine	0.00	70	0	N.D.		
1	Hexachloroethane	0.00	117	0	N.D.		
2	Nitrobenzene	0.00	77	0	N.D.		
2	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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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
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	291	N.D.	
5	Anthracene	25.17	178	291	N.D.	
5	Di-n-butylphthalate	27.17	149	2726	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	3788	N.D.	
6	Bis(2-ethylhexyl)phthalate	33.43	149	4909	N.D.	
6	Chrysene	33.17	228	3788	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)

Data File : C:\HPCHEM\1\DATA\DEC0501\27110.D Vial: 12
Acq On : 5 Dec 2001 7:00 pm Operator: GALOS
Sample : gc/ms unknown 11/13 Inst : GC/MS Ins
Misc : Multiplr: 1.00
RTE Integration Params: RTEINT.P
Quant Time: Dec 7 10:32 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
7	Benzo(k)fluoranthene	0.00	252	0	N.D.	
7	Benzo(a)pyrene	37.25	252	4161	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

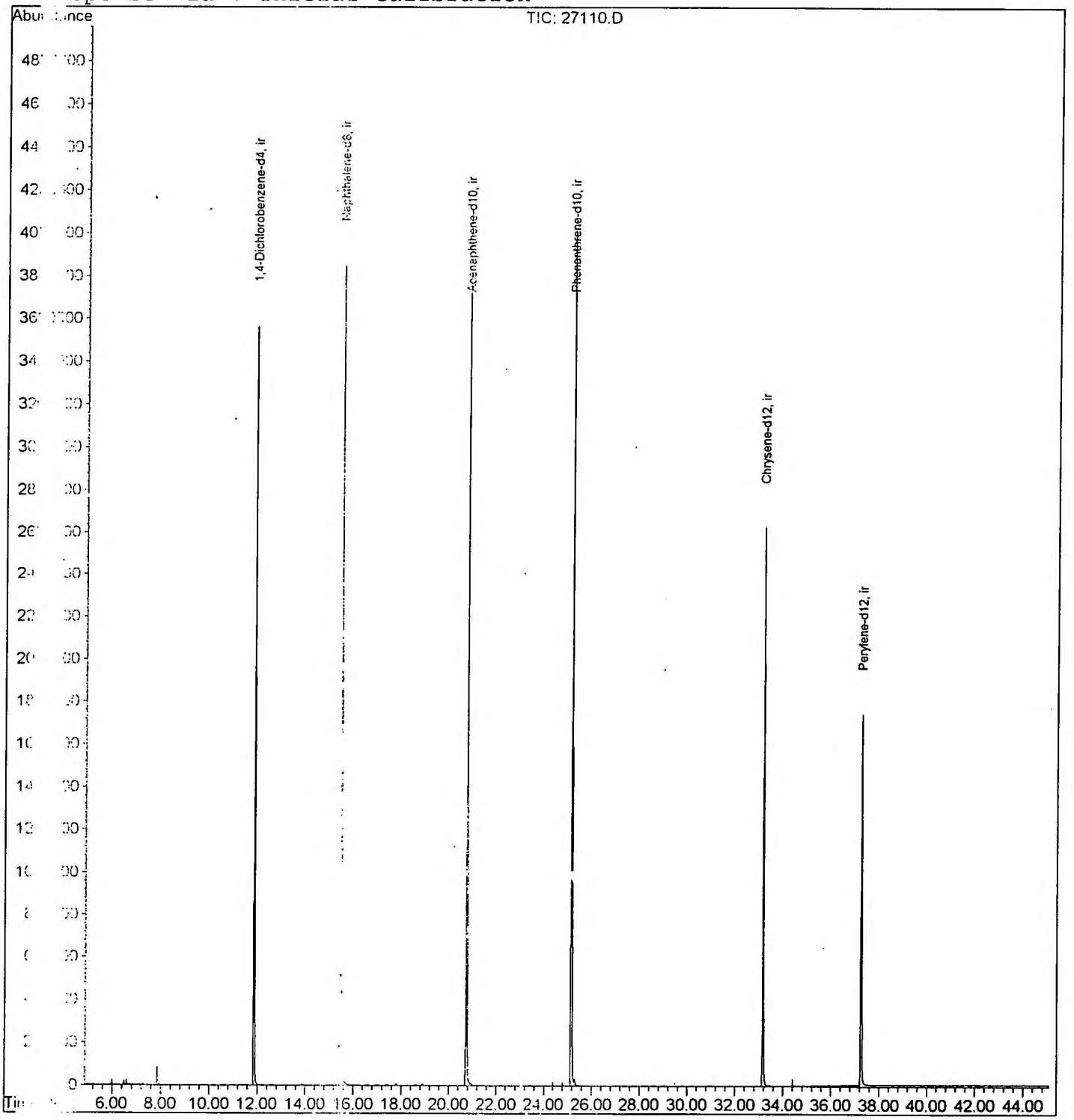
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27110.D
Acq On : 5 Dec 2001 7:00 pm
Sample : gc/ms unknown 11/13
Misc :
ALS Integration Params: RTEINT.P
Quant Time: Dec 7 10:32 2001

Vial: 12
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\27110.D Vial: 12
Acq On : 5 Dec 2001 7:00 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

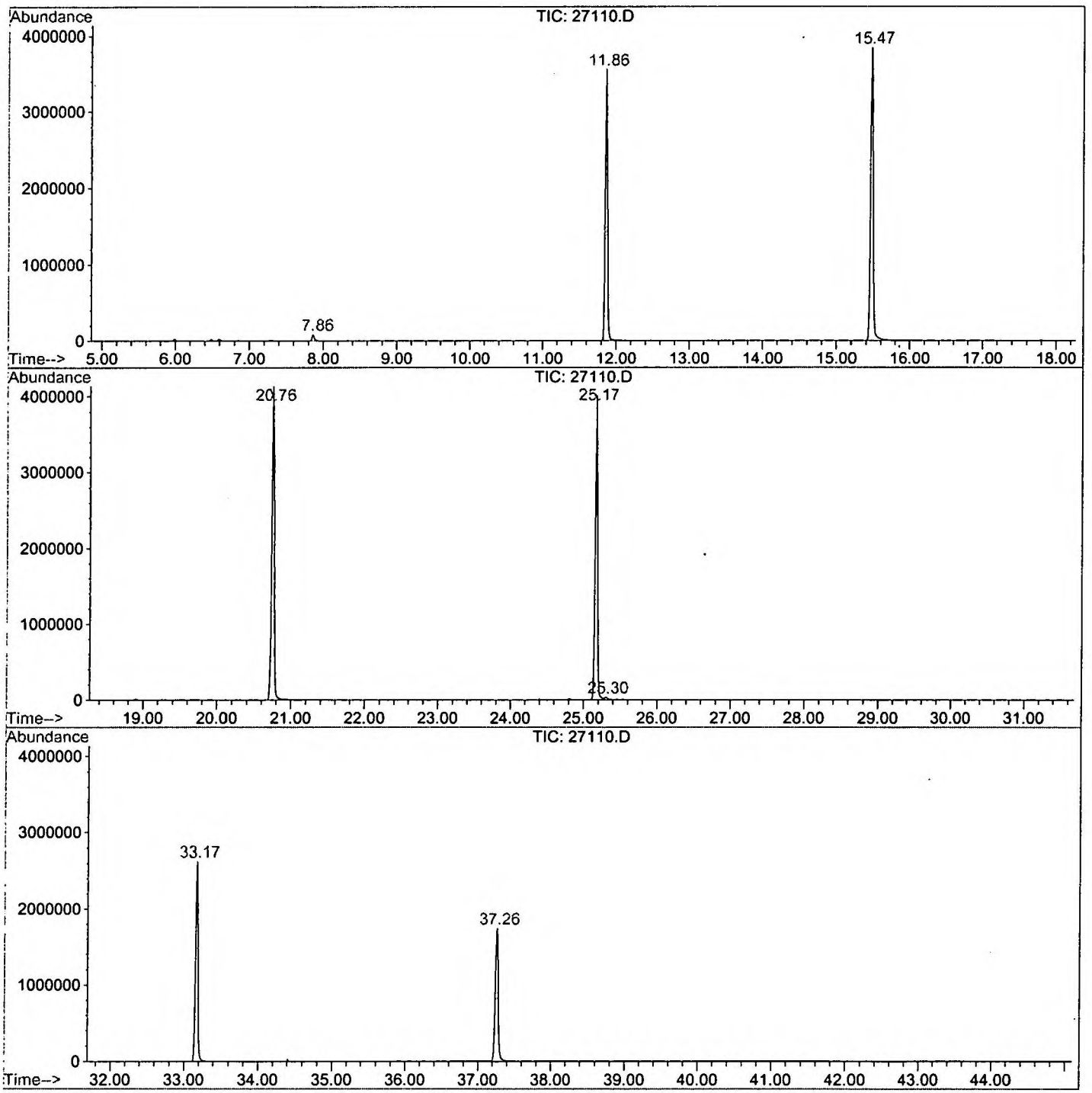
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.862	325	329	338	rBV	86062	167445	1.76%	0.367%
2	11.861	760	765	779	rBV	3562077	7371727	77.67%	16.136%
3	15.474	1152	1159	1176	rBV	3847788	9491198	100.00%	20.776%
4	20.756	1726	1735	1754	rBV	4136250	9384302	98.87%	20.542%
5	25.166	2207	2216	2227	rBV2	4004989	8553740	90.12%	18.724%
6	25.304	2227	2231	2245	rVB	34104	119465	1.26%	0.262%
7	33.172	3082	3089	3108	rBV2	2623616	5866934	61.81%	12.842%
8	37.262	3527	3535	3546	rBV2	1735257	4729017	49.83%	10.352%

Sum of corrected areas: 45683828

27110.D NP112701.M Fri Dec 07 12:56:54 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\27110.D
Operator : GALOS
Acquired : 5 Dec 2001 7:00 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/13
Misc Info :
Vial Number: 12
Quant File :NP112701.RES (RTE Integrator)



27110.D NP112701.M Fri Dec 07 12:56:56 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27110.D Vial: 12
Acq On : 5 Dec 2001 7:00 pm Operator: GALOS
Sample : gc/ms unknown 11/13 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

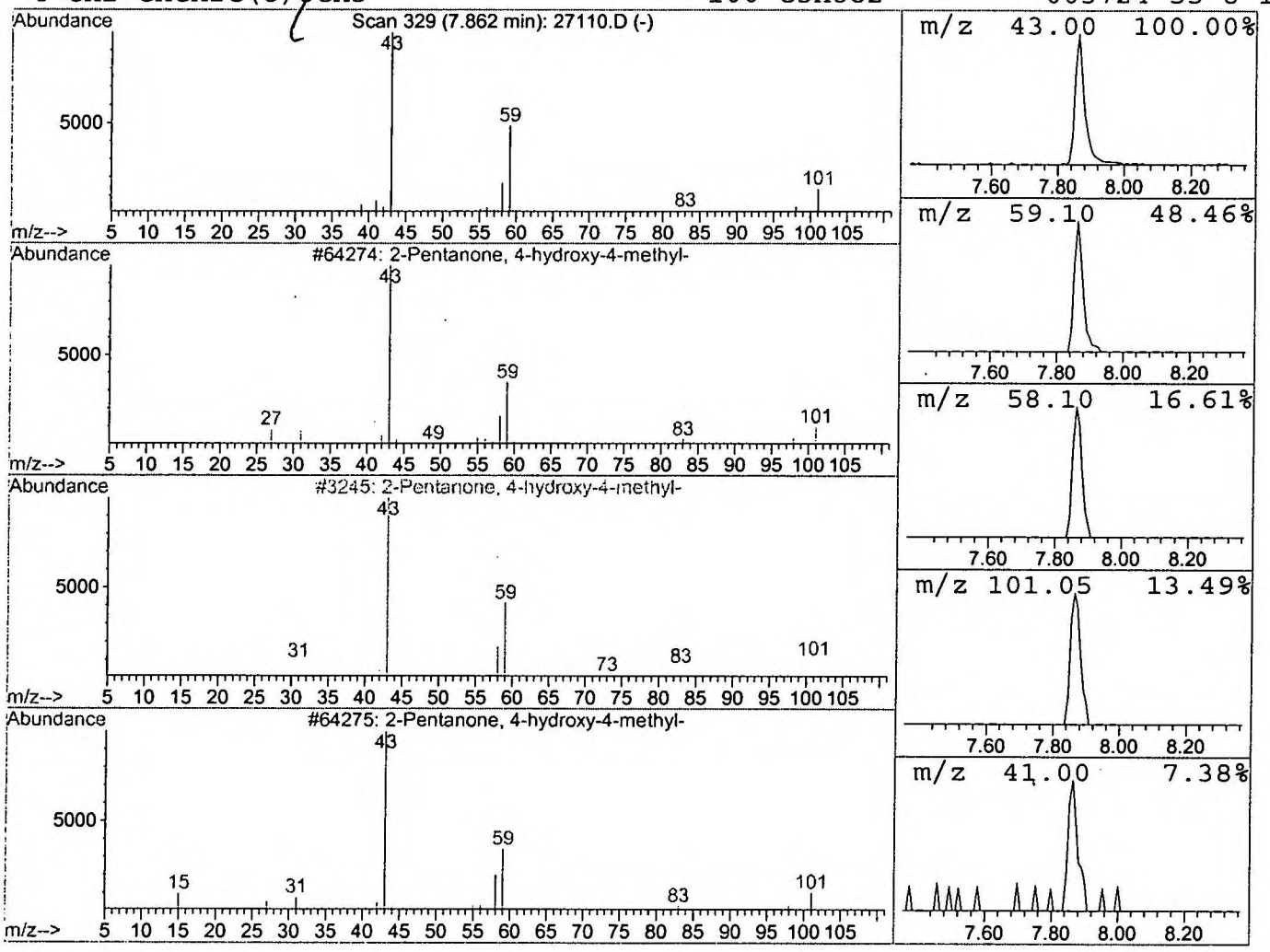
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	0.45 ng/uL	167445	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	64
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	39
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 5 Dec 2001 7:00 pm
Data File: C:\HPCHEM\1\DATA\DEC0501\27110.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	7.86	0.5	ng/uL	167445	ISTD01	11.86	7371730	20.0

27110.D NP112701.M Fri Dec 07 12:57:00 2001