User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 14:33:41

Sample: AD27112
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/10/01 14:32 Ended: 12/10/01 14:32 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD27112 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-10-2001 Time: 14:33:52

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\27112.D Vial: 14
Acq On : 5 Dec 2001 8:48 pm Operator: GALOS
Sample : gc/ms unknown 11/13 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS 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) 1,4-Dichlorobenzene-d4	11.87	152	1065075	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	4040826	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	1833297	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.16	188	2603364m	20.00	ng/uL	-0.08
59) Chrysene-d12	33.17	240	1579194	20.00	ng/uL	-0.08
68) Perylene-d12	37.26	264	1099423	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	683	0.01	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.06	152	2354	0.05	ng/uL	-0.40
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.10%#		
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	2413	0.02	ng/uL	0.08
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

Quantitation Report (QT Reviewed)

D: File : C:\HPCHEM\1\DATA\DEC0501\27112.D Vial: 14
A: On : 5 Dec 2001 8:48 pm Operator: GALOS
S: le : gc/ms unknown 11/13 Inst : GC/MS Ins
M: : Multiplr: 1.00
M: Integration Params: RTEINT.P
Q: t Time: Dec 7 10:32 2001 Quant Results File: NP112701.RES

Q: t Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
T: le : 208 625/TCLP calibration table
L: Update : Wed Nov 28 15:33:44 2001
R: ponse via : Initial Calibration
D: Acq Meth : NP112701

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23	-Nitrophenol	0.00	139	0	N.D.	
24	,4-Dimethylphenol	0.00	107	0	N.D.	
25	is(2-Chloroethoxy)methane	0.00	93	0	N.D.	
26	,4-Dichlorophenol	0.00	162	0	N.D.	
27	,2,4-Trichlorobenzene	0.00	180	0	N.D.	
28	aphthalene	0.00	128	0	N.D.	
29	exachlorobutadiene	0.00	225	0	N.D.	
30	-Chloro-3-methylphenol	0.00	107	0	N.D.	
34	exachlorocyclopentadiene	0.00	237	0	N.D.	
35	,4,6-Trichlorophenol	0.00	196	0	N.D.	
36	,4,5-Trichlorophenol	0.00	196	0	N.D.	
37	-Chloronaphthalene	0.00	162	0	N.D.	
38	imethylphthalate	0.00	163	0	N.D.	
39	6-Dinitrotoluene	0.00	165	0	N.D.	d
40	enaphthylene	0.00	152	0	N.D.	
41	enaphthene	0.00	153	0	N.D.	
42	,4-Dinitrophenol	0.00	184	0	N.D.	
43	-Nitrophenol	0.00	65	0	N.D.	
44	,4-Dinitrotoluene	0.00	165	0	N.D.	
45	ethylphthalate	0.00	149	0	N.D.	
46	-Chlorophenylphenylether	0.00	204	0	N.D.	
47	luorene	0.00	166	0	N.D.	
48	obenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.	
50	,6-Dinitro-2-methylphenol	0.00	198	0	N.D.	
51	-Nitrosodiphenylamine	0.00	169	0	N.D.	
52	-Bromophenyl-phenylether	0.00	248	0	N.D.	
53	exachlorobenzene	0.00	284	0	N.D.	
54	ntachlorophenol	0.00	266	0	N.D.	
55	henanthrene	0.00	178	0	N.D.	
56	thracene	0.00	178	0	N.D.	
57	-n-butylphthalate	27.16	149	4524	N.D.	
58	luoranthene	0.00	202	0	N.D.	
60	,3'-Dichlorobenzidine	0.00	252	0	N.D.	
61	nzidine	0.00	184	0	N.D.	
63	rene	0.00	202	0	N.D.	
64	tylbenzylphthalate	0.00	149	0	N.D.	
65	nzo(a)anthracene	33.17	228	3020	N.D.	
66	is(2-ethylhexyl)phthalate	33.43	149	4927	N.D.	
67	rysene	33.17	228	3020	N.D.	
69	-n-Octylphthalate	0.00	149	0	N.D.	
70	nzo(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\27112.D Vial: 14
Acq On : 5 Dec 2001 8:48 pm Operator: GALOS
Sample : gc/ms unknown 11/13 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS 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
Data Acq 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	3289	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

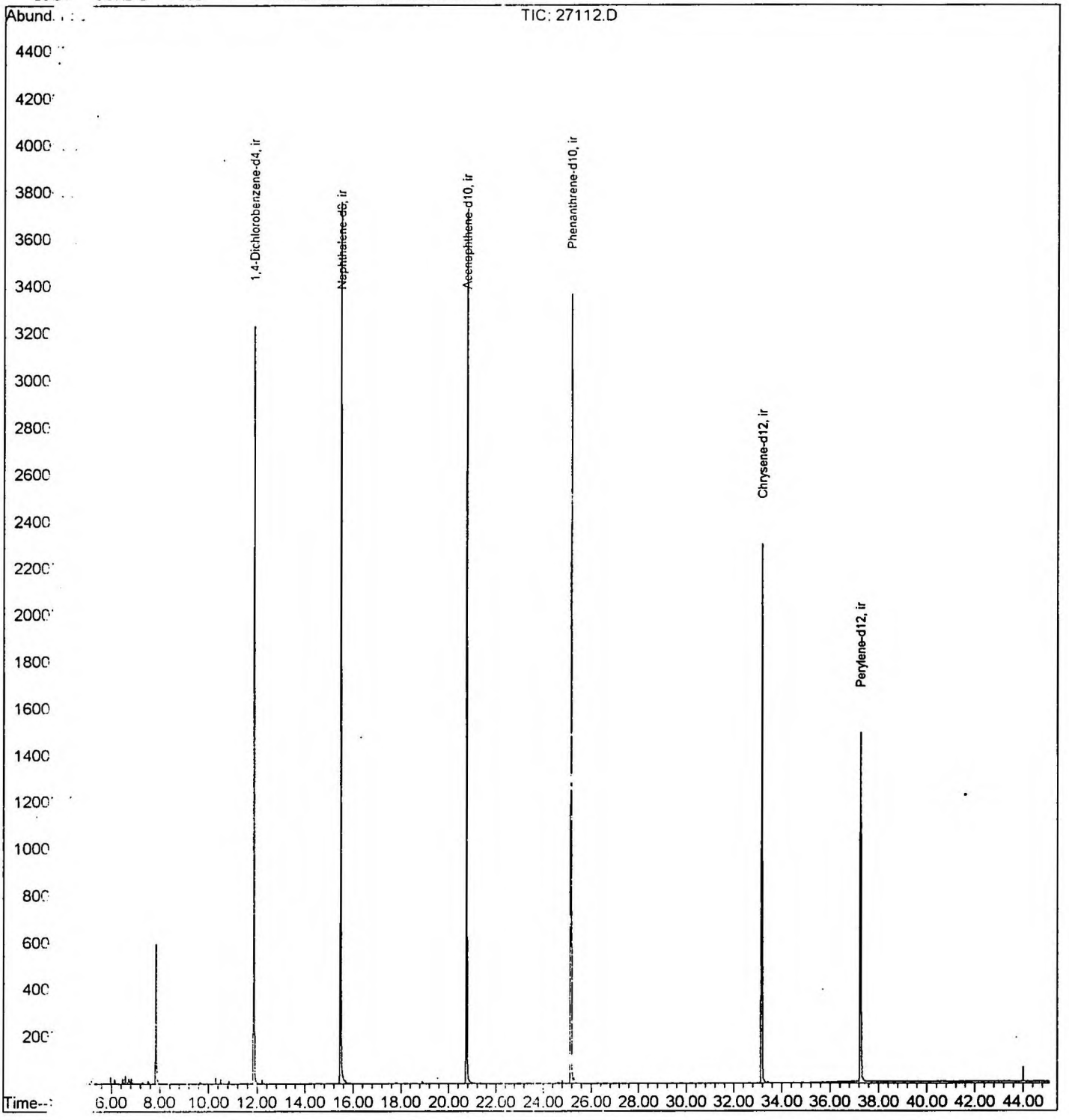
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27112.D
Acq On : 5 Dec 2001 8:48 pm
Sample : gc/ms unknown 11/13
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 7 10:32 2001

Vial: 14
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\27112.D Vial: 14
Acq On : 5 Dec 2001 8:48 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

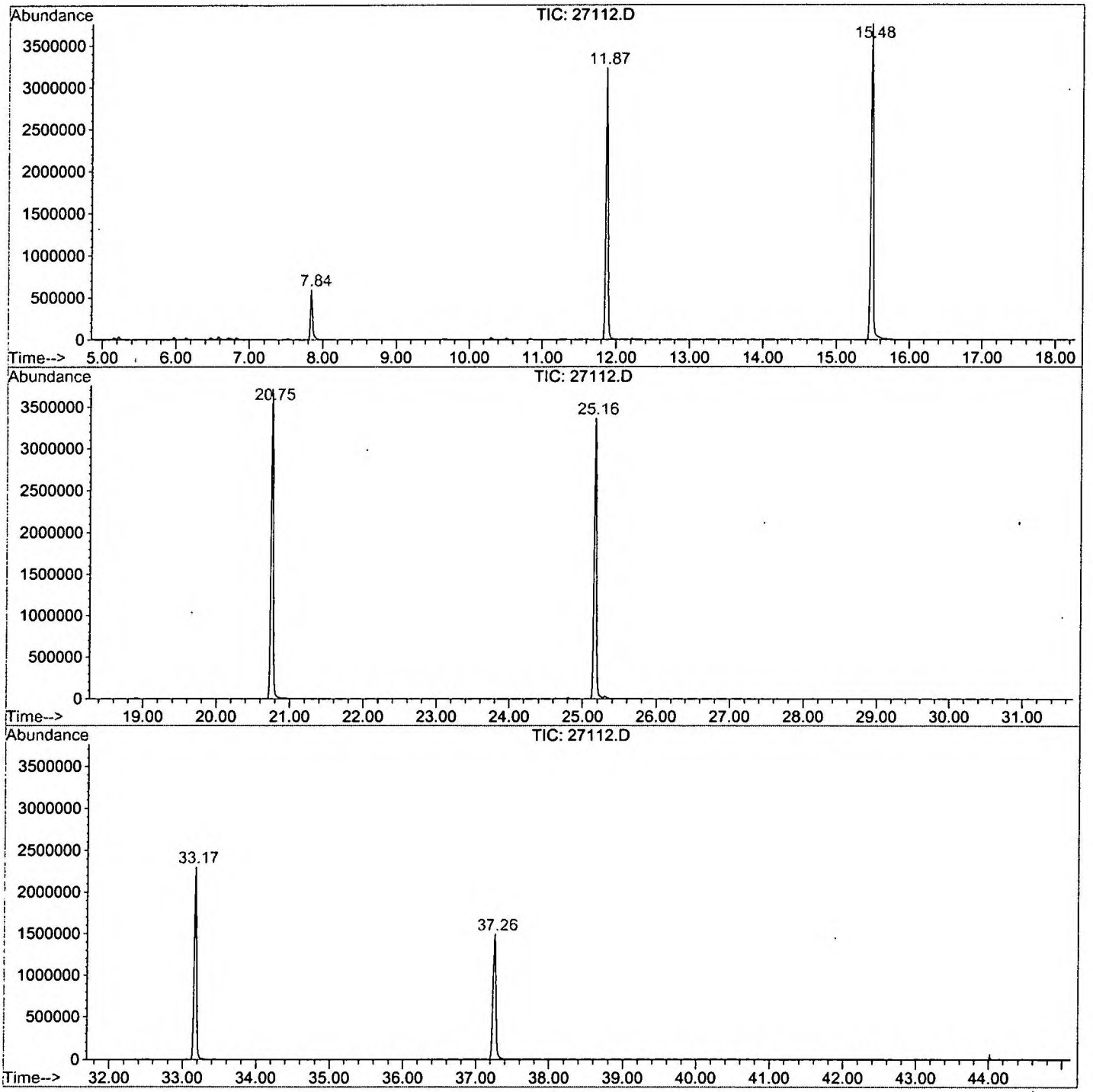
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.841	323	327	343	rBV	595204	1184647	14.52%	2.945%
2	11.867	761	766	786	rBV	3228371	6579642	80.63%	16.359%
3	15.480	1153	1160	1177	rBV	3757329	8160481	100.00%	20.290%
4	20.753	1728	1735	1758	rBV	3718659	8003122	98.07%	19.899%
5	25.163	2210	2216	2227	rBV2	3364505	7237411	88.69%	17.995%
6	33.169	3083	3089	3100	rBV2	2300890	5021791	61.54%	12.486%
7	37.259	3527	3535	3554	rBV	1485832	4032159	49.41%	10.025%

Sum of corrected areas: 40219253

27112.D NP112701.M Fri Dec 07 12:57:23 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\27112.D
Operator : GALOS
Acquired : 5 Dec 2001 8:48 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/13
Misc Info :
Vial Number: 14
Quant File :NP112701.RES (RTE Integrator)



27112.D NP112701.M Fri Dec 07 12:57:25 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27112.D
Acq On : 5 Dec 2001 8:48 pm
Sample : gc/ms unknown 11/13
Misc :
MS Integration Params: LSCINT.P

Vial: 14
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

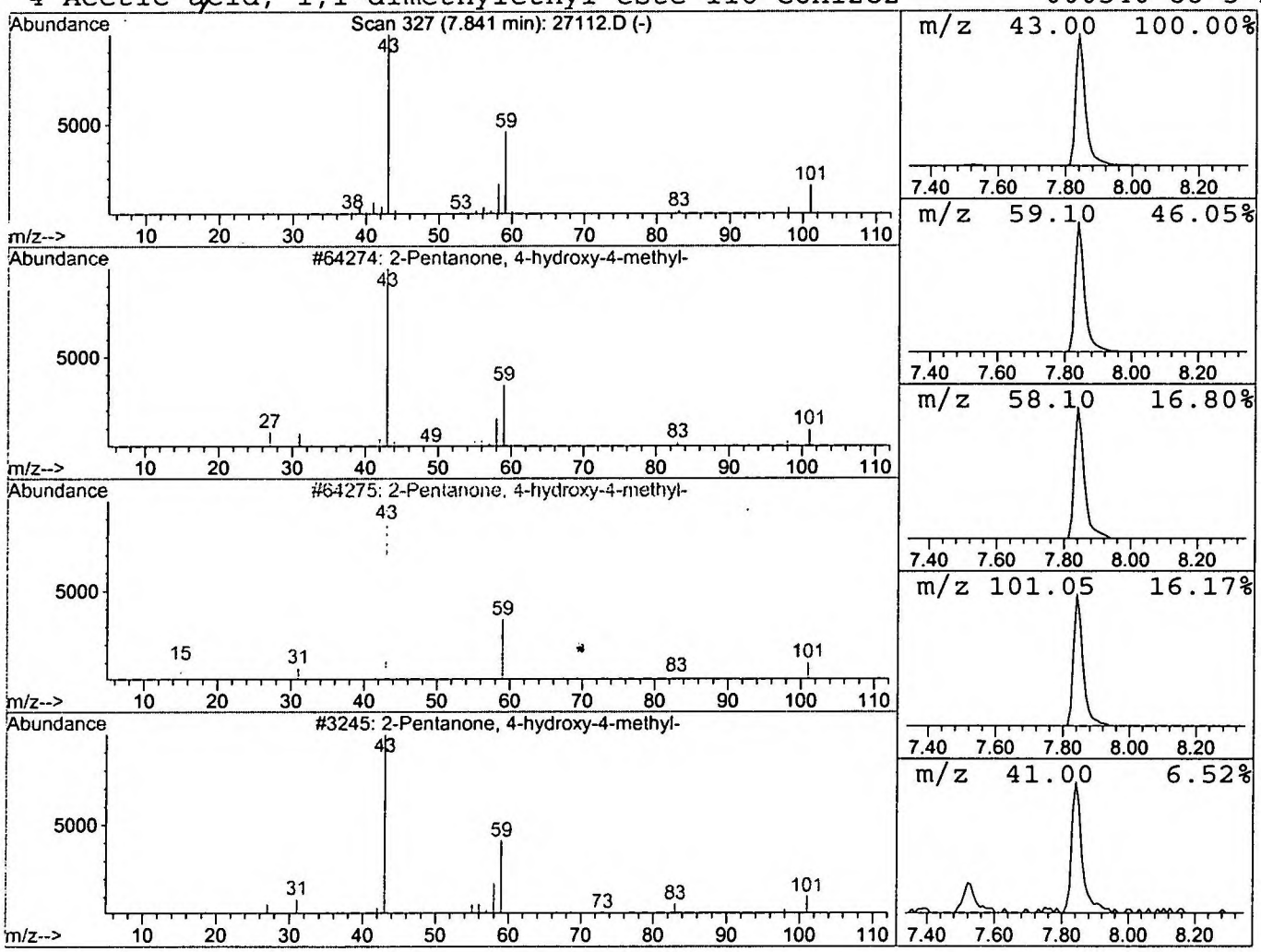
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.84	3.60 ng/uL	1184650	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	53
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
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 8:48 pm
Data File: C:\HPCHEM\1\DATA\DEC0501\27112.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	7.84	3.6	ng/uL	1184650	ISTD01	11.87	6579640	20.0

27112.D NP112701.M Fri Dec 07 12:57:29 2001