User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/10/2001 Time: 14:39:34

Sample: AD27056
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/10/01 14:39 Ended: 12/10/01 14:39 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD27056 - Analysis $GCMS

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

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)

D: File : C:\HPCHEM\1\DATA\DEC0501\27056.D Vial: 15
A: On : 5 Dec 2001 9:43 pm Operator: GALOS
S: le : gc/ms unknown 11/13 Inst : GC/MS Ins
M: : Multiplr: 1.00
M: ntegration Params: RTEINT.P
Q : Time: Dec 7 10:33 2001 Quant Results File: NP112701.RES

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

Int	l Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1	.4-Dichlorobenzene-d4	11.87	152	1028779	20.00	ng/uL	-0.06
19	phthalene-d8	15.49	136	3856383	20.00	ng/uL	-0.06
31	enaphthene-d10	20.76	164	1755744	20.00	ng/uL	-0.06
49	enanthrene-d10	25.17	188	2564019m	20.00	ng/uL	-0.07
59	rysene-d12	33.17	240	1635727	20.00	ng/uL	-0.07
68	erylene-d12	37.26	264	1139844	20.00	ng/uL	-0.07
Sys	Monitoring Compounds						
4	-Fluorophenol	0.00	112	0	0.00	ng/uL	
S	d Amount 75.000	Range 18 - 42		Recovery =	0.00%#		
5	enol-d5	0.00	99	0	0.00	ng/uL	
S	d Amount 75.000	Range 19 - 32		Recovery =	0.00%#		
6	-Chlorophenol-d4	11.86	132	845	0.01	ng/uL	0.44
S	d Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7	.2-Dichlorobenzene-d4	12.18	152	322	0.01	ng/uL	-0.28
S	d Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20	trobenzene-d5	0.00	82	0	0.00	ng/uL	
S	d Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32	-Fluorobiphenyl	18.92	172	1885	0.02	ng/uL	0.08
S	d Amount 50.000	Range 42 - 78		Recovery =	0.04%#		
33	,4,6-Tribromophenol	0.00	330	0	0.00	ng/uL	
S	d Amount 75.000	Range 45 - 96		Recovery =	0.00%#		
62	rphenyl-d14	0.00	244	0	0.00	ng/uL	
S	d Amount 50.000	Range 58 - 98		Recovery =	0.00%#		
Tar	Compounds						Qvalue
2	ridine	0.00	79	0	N.D.		
3	-nitrosodimethylamine	0.00	74	0	N.D.		
8	enol	0.00	94	0	N.D.		
9	s(2-Chloroethyl)ether	0.00	93	0	N.D.		
10	-Chlorophenol	0.00	128	0	N.D.		
11	.3-Dichlorobenzene	0.00	146	0	N.D.		
12	.4-Dichlorobenzene	0.00	146	0	N.D.		
13	2-Dichlorobenzene	0.00	146	0	N.D.		
14	-Methylphenol	0.00	108	0	N.D.		
15	2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
16	4-Methylphenol	0.00	108	0	N.D.		
17	-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
18	achloroethane	0.00	117	0	N.D.		
21	trobenzene	0.00	77	0	N.D.		
22	sophorone	0.00	82	0	N.D.		

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

Quantitation Report (QT Reviewed)

D File : C:\HPCHEM\1\DATA\DEC0501\27056.D Vial: 15
A Acq On : 5 Dec 2001 9:43 pm Operator: GALOS
S Sample : gc/ms unknown 11/13 Inst : GC/MS Ins
M : Multiplr: 1.00
M Integration Params: RTEINT.P
Q Quant Time: Dec 7 10:33 2001 Quant Results File: NP112701.RES

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

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
23	4-Nitrophenol	0.00	139	0	N.D.	
24	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	289	N.D.	
56	Anthracene	25.17	178	289	N.D.	
57	Di-n-butylphthalate	0.00	149	0	N.D.	d
59	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	33.17	228	3536	N.D.	
66	Bis(2-ethylhexyl)phthalate	33.44	149	10187	N.D.	
67	Chrysene	33.17	228	3536	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

Quantitation Report (QT Reviewed)

D File :\HPCHEM\1\DATA\DEC0501\27056.D Vial: 15
A n 5 Dec 2001 9:43 pm Operator: GALOS
S e c/ms unknown 11/13 Inst : GC/MS Ins
M Multiplr: 1.00
M ntegrat n Params: RTEINT.P
Q . Time c 7 10:33 2001 Quant Results File: NP112701.RES

Q : Meth : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
T : 208 625/TCLP calibration table
L Updat : Wed Nov 28 15:33:44 2001
R nse va : Initial Calibration
D cq Meth : NP112701

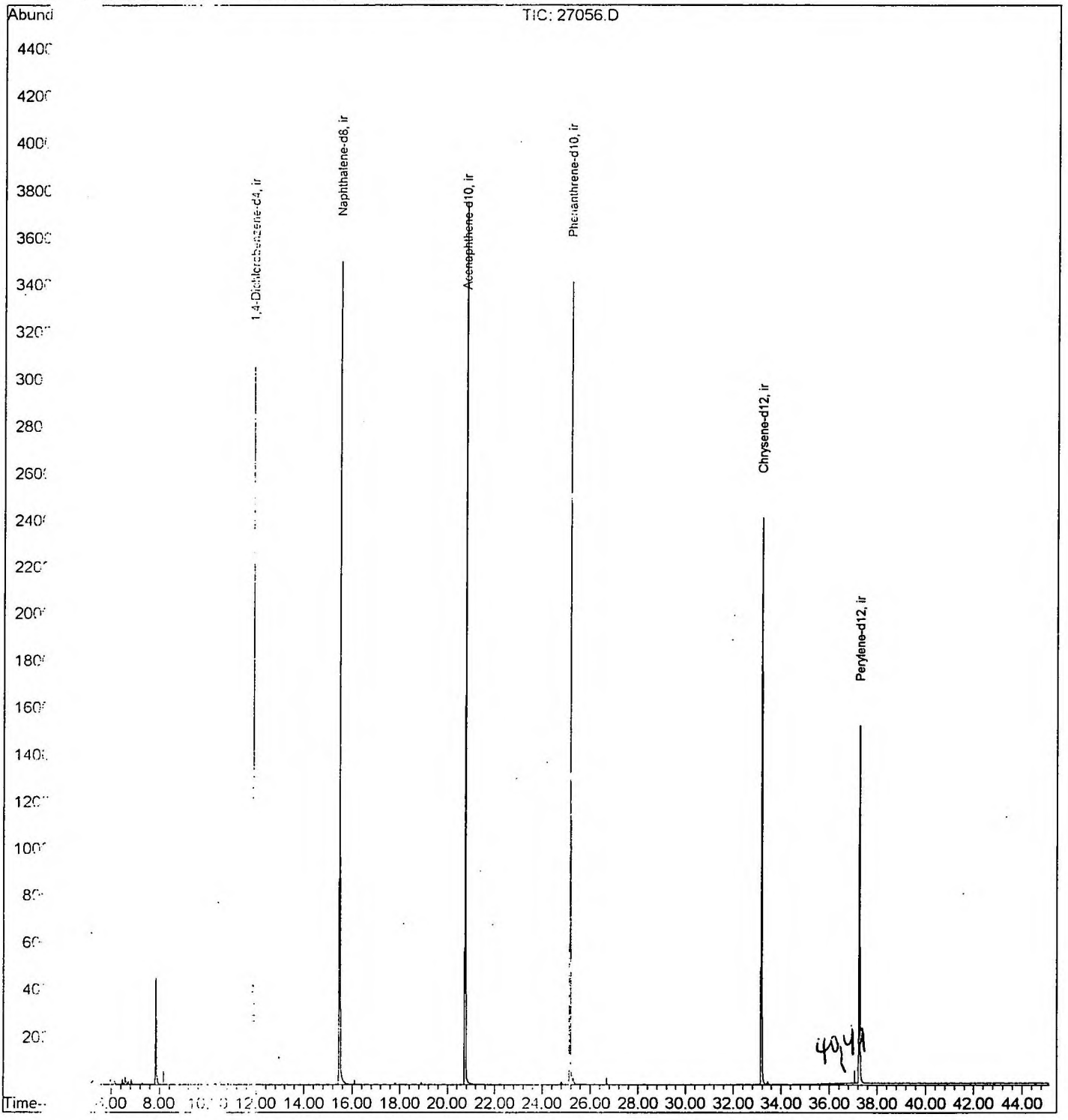
	mpoun	R.T.	QIon	Response	Conc Unit	Qvalue
71	nzo(k oranthene	0.00	252	0	N.D.	
72	nzo(a ene	37.26	252	3766	N.D.	
73	deno(1, ,3-cd)pyrene	0.00	276	0	N.D.	
74	benz( )anthracene	0.00	278	0	N.D.	
75	nzo(g)perylene	0.00	276	0	N.D.	

(#) ualifi r out of range (m) = manual integration

Quantitation Report

D: File : C:\HPCHEM\1\DATA\DEC0501\27056.D Vial: 15
A: on : 5 Dec 2001 9:43 pm Operator: GALOS
S: le : gc/ms unknown 11/13 Inst : GC/MS Ins
M : Multiplr: 1.00
M: Integration Params: RTEINT.P
Q: Time: ec 7 10:33 2001 Quant Results File: NP112701.RES

M: cd : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
T: e : 208 625/TCLP calibration table
L: Update : Fri Dec 07 09:59:59 2001
R: onse via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27056.D Vial: 15
Acq On : 5 Dec 2001 9:43 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

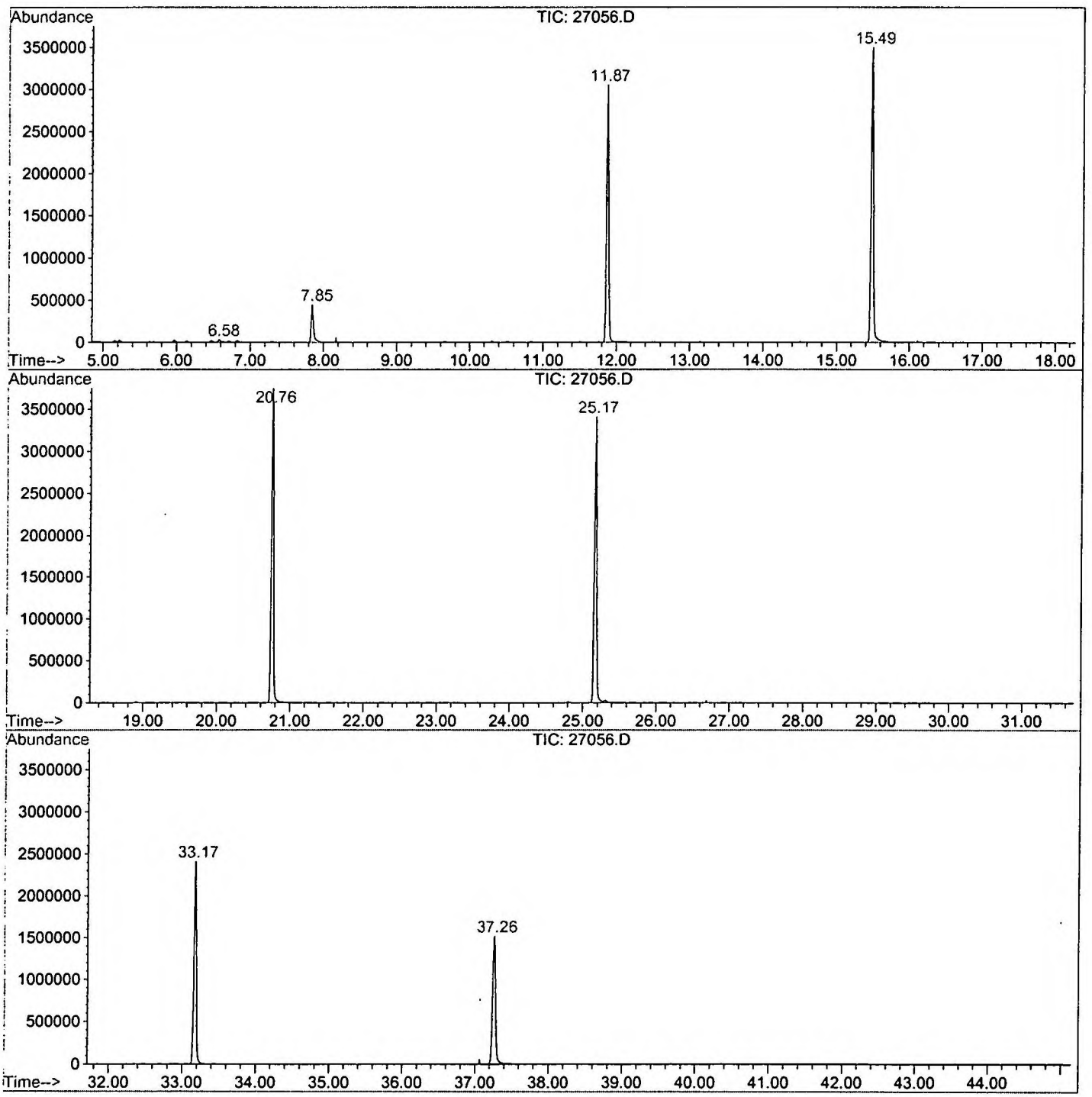
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.581	186	190	201	rVB	32466	78227	1.00%	0.199%
2	7.847	323	328	344	rBV	447337	993020	12.70%	2.523%
3	11.873	761	767	780	rBV	3056447	6282759	80.36%	15.963%
4	15.486	1154	1161	1179	rBV	3500755	7818466	100.00%	19.864%
5	20.758	1729	1736	1752	rBV	3752158	7670449	98.11%	19.488%
6	25.169	2210	2217	2229	rBV2	3411806	7152626	91.48%	18.173%
7	33.175	3083	3090	3108	rBV2	2409669	5200840	66.52%	13.214%
8	37.265	3528	3536	3553	rBV2	1513857	4162662	53.24%	10.576%

Sum of corrected areas: 39359049

27056.D NP112701.M Fri Dec 07 12:56:39 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0501\27056.D
Operator : GALOS
Acquired : 5 Dec 2001 9:43 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gc/ms unknown 11/13
Misc Info :
Vial Number: 15
Quant File :NP112701.RES (RTE Integrator)



27056.D NP112701.M Fri Dec 07 12:56:42 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC0501\27056.D
Acq On : 5 Dec 2001 9:43 pm
Sample : gc/ms unknown 11/13
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

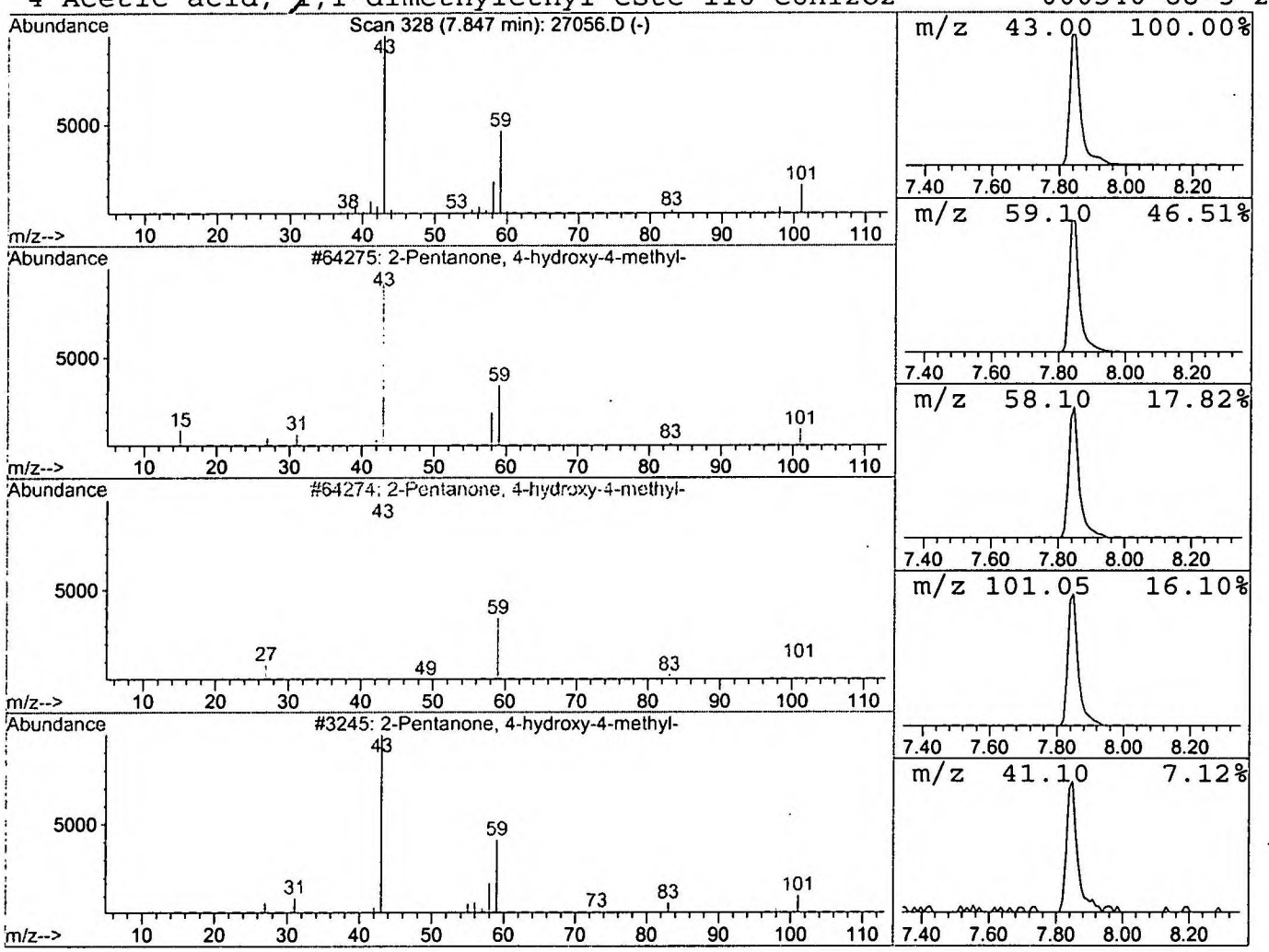
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.85	3.16 ng/uL	993020	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	59
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 9:43 pm
Data File: C:\HPCHEM\1\DATA\DEC0501\27056.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	3.2	ng/uL	993020	ISTD01	11.87	6282760	20.0

27056.D NP112701.M Fri Dec 07 12:56:45 2001