User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 10:09:55

Sample: AD27819
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 10:07 Ended: 1/3/02 10:07 Analyst: MG
Page: 1

	Component Name	Viol	Results	MDL
1	Other unknown compounds		see comment	
2	Surr_2,4-DDD			5.0

omments for Sample AD27819 - Analysis $GCMS

Vestchester Dept. of Labs & Research
lser: Galos, Marie
ate: 01-03-2002 Time: 10:10:04

. scan of the extract prepared for the 508 analysis, from 35-550 amu using a
ıass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27819.D Vial: 39
Acq On : 20 Dec 2001 4:21 am Operator: 209 GALOS
Sample : gc/msunknown 11/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 20 5:09 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.66	152	963477	20.00	ug/l	-0.04
10) Naphthalene-d8	15.27	136	3729299	20.00	ug/l	-0.04
17) Acenaphthene-d10	20.55	164	1880887	20.00	ug/l	-0.03
29) Phenanthrene-d10	24.97	188	2717729	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1807674	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1284609	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.33	128	395	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	20.57	153	117	N.D.		
24) 2,4-Dinitrotoluene	21.04	165	100	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	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\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	24.98	178	1119	N.D.	
34) Anthracene	24.98	178	1119	N.D.	
35) Di-n-butylphthalate	27.02	149	2494	N.D.	
36) Fluoranthene	0.00	202	0	N.D.	
39) Pyrene	0.00	202	0	N.D.	
40) Butylbenzylphthalate	0.00	149	0	N.D.	
41) Benzo(a)anthracene	33.01	228	4207	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.30	149	2340	N.D.	
43) Chrysene	33.01	228	4207	N.D.	
45) Di-n-Octylphthalate	0.00	149	0	N.D.	
46) Benzo(b)fluoranthene	0.00	252	0	N.D.	
47) Benzo(k)fluoranthene	0.00	252	0	N.D.	
48) Benzo(a)pyrene	37.11	252	4909	N.D.	
49) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50) Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51) Benzo(g,h,i)perylene	0.00	276	0	N.D.	

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

Quantitation Report

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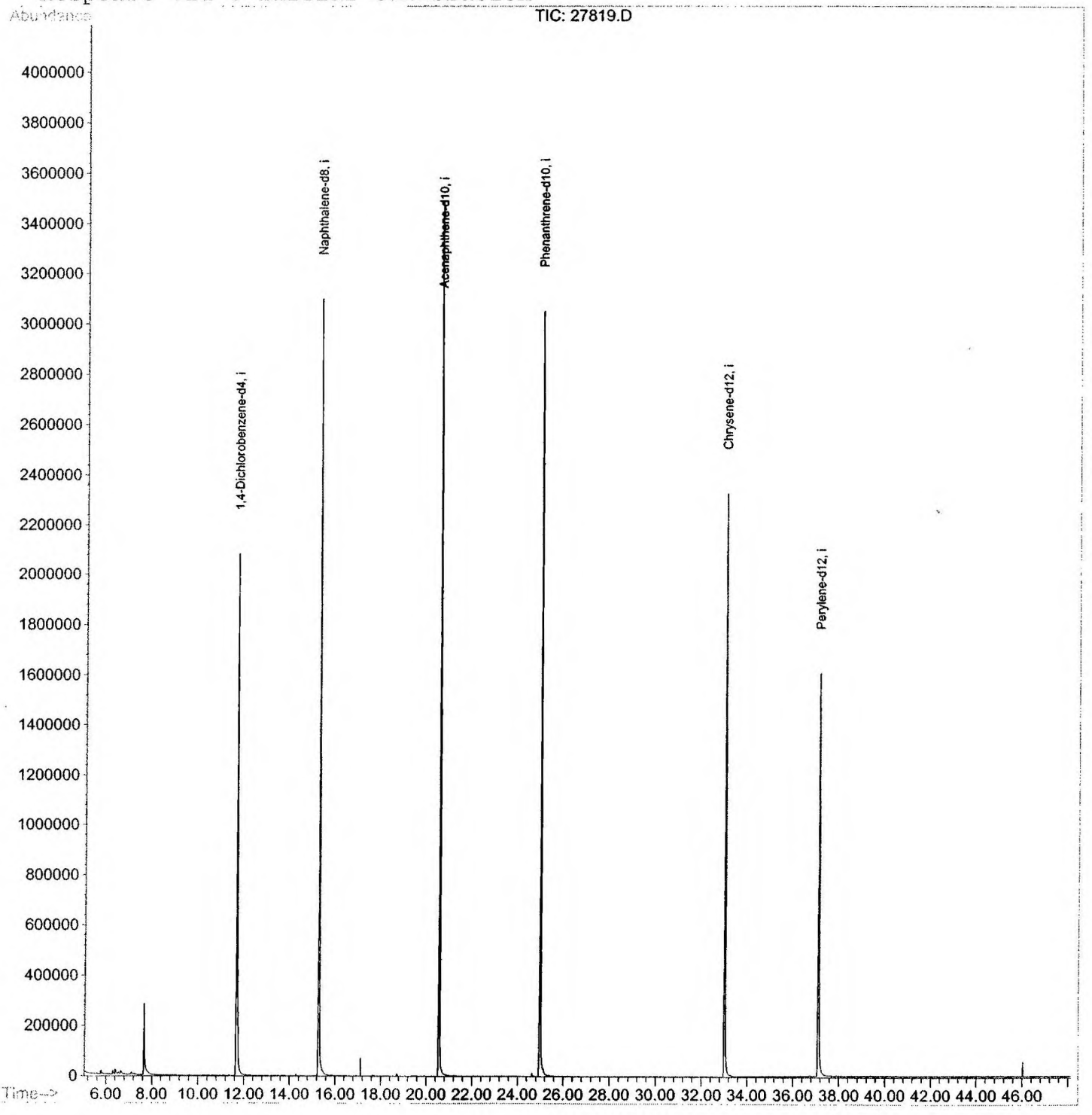
Acq On : 20 Dec 2001 4:21 am Operator: 209 GALOS
Sample : gc/msunknown 11/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 20 5:09 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27819.D Vial: 39
Acq On : 20 Dec 2001 4:21 am Operator: 209 GALOS
Sample : gc/msunknown 11/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/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

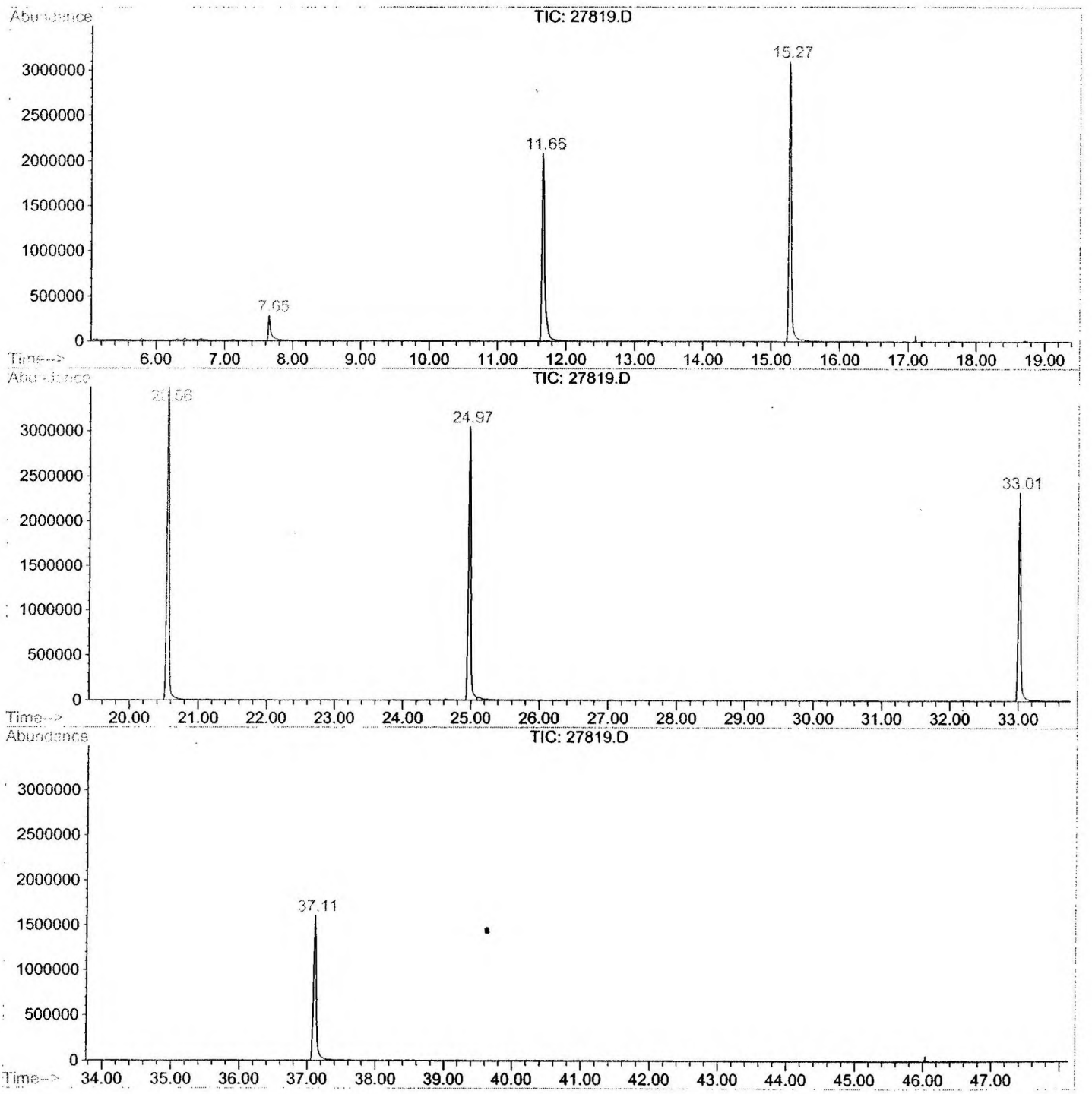
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.650	280	284	306	rBV	282238	796914	10.05%	2.044%
2	11.661	716	721	749	rBV	2083139	5575366	70.30%	14.302%
3	15.269	1109	1114	1133	rBV	3099331	7197757	90.76%	18.464%
4	20.557	1683	1690	1718	rBV	3490452	7930862	100.00%	20.345%
5	24.973	2165	2171	2184	rBV2	3050267	7151765	90.18%	18.346%
6	33.015	3040	3047	3068	rBV	2327705	5676072	71.57%	14.561%
7	37.109	3485	3493	3514	rBV	1605955	4653112	58.67%	11.937%

Sum of corrected areas: 38981848

27819.D GCMS1126.M Wed Jan 02 12:06:46 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27819.D
Operator : 209 GALOS
Acquired : 20 Dec 2001 4:21 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/msunknown 11/19
Misc Info :
Vial Number: 39
Quant File :GCMS1126.RES (RTE Integrator)



27819.D GCMS1126.M Wed Jan 02 12:06:51 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27819.D
Acq On : 20 Dec 2001 4:21 am
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 39
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

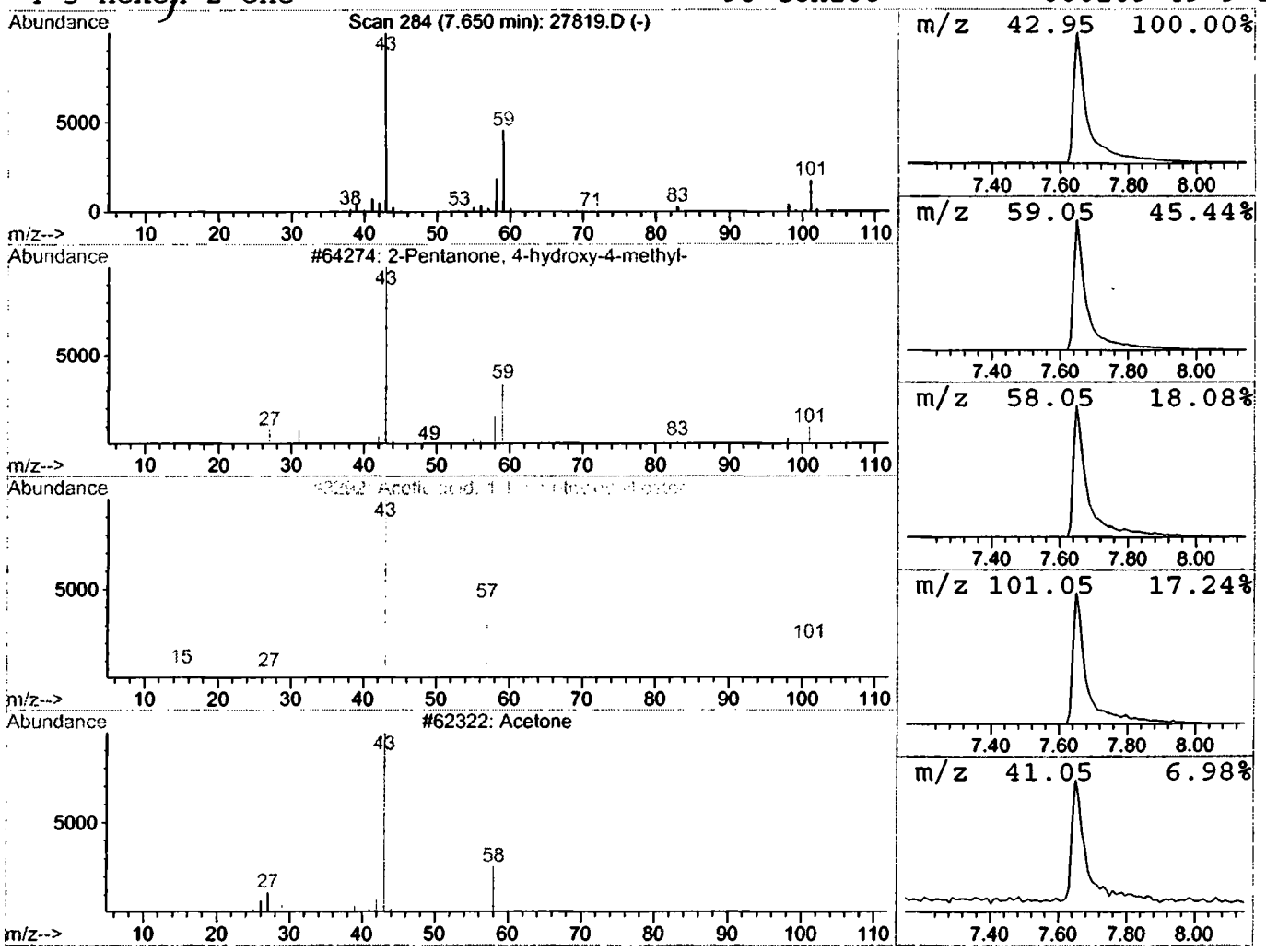
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	2.86 ug/l	796914	1,4-Dichlorobenzene-d4	11.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	74
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	Acetone	58	C3H6O	000067-64-1	12
4	5-Hexen-2-one	98	C6H10O	000109-49-9	12



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 20 Dec 2001 4:21 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27819.D
Name: gc/msunknown 11/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title: 209 625/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	7.65	2.9	ug/l	796914	ISTD01	11.66	5575370	20.0

27819.D GCMS1126.M Wed Jan 02 12:07:00 2002