

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 11/29/2001 Time: 14:42:03

Sample: AD25664
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 11/29/01 14:41 Ended: 11/29/01 14:41 Analyst: MG
Page: 1

	Component Name	Viol	Result
1	Other unknown compounds		see comment

Comments for Sample AD25664 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 11-29-2001 Time: 14:42:09

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\NOV1601\25664.D
 Acq On : 17 Nov 2001 8:35 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Nov 17 9:24 2001

Vial: 19
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
 Title : 209 625/TCLP calibration table
 Last Update : Fri Nov 02 16:41:16 2001
 Response via : Initial Calibration
 DataAcq Meth : NP103001

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev (Min)
1) 1,4-Dichlorobenzene-d4	11.71	152	628097	20.00	ug/l	-0.01
19) Naphthalene-d8	15.32	136	2393345	20.00	ug/l	-0.01
31) Acenaphthene-d10	20.60	164	1190694	20.00	ug/l	-0.01
49) Phenanthrene-d10	25.01	188	1749690	20.00	ug/l	-0.02
59) Chrysene-d12	33.06	240	1296558	20.00	ug/l	-0.01
68) Perylene-d12	37.15	264	956835	20.00	ug/l	-0.01

System Monitoring Compounds

4) 2-Fluorophenol	0.00	112	0	0.00	ug/l	
Spiked Amount 75.000			Recovery	=	0.00%	
5) Phenol-d5	0.00	99	0	0.00	ug/l	
Spiked Amount 75.000			Recovery	=	0.00%	
6) 2-Chlorophenol-d4	11.70	132	479	0.01	ug/l	0.46
Spiked Amount 75.000			Recovery	=	0.01%	
7) 1,2-Dichlorobenzene-d4	12.07	152	2525	0.09	ug/l	-0.18
Spiked Amount 50.000			Recovery	=	0.18%	
20) Nitrobenzene-d5	0.00	82	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	
32) 2-Fluorobiphenyl	18.75	172	1527	0.02	ug/l	0.14
Spiked Amount 50.000			Recovery	=	0.04%	
33) 2,4,6-Tribromophenol	0.00	330	0	0.00	ug/l	
Spiked Amount 75.000			Recovery	=	0.00%	
62) Terphenyl-d14	0.00	244	0	0.00	ug/l	
Spiked Amount 50.000			Recovery	=	0.00%	

Target Compounds

					Qvalue
2) Pyridine	0.00	79	0	N.D.	
3) N-nitroso-dimethyl amine	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-Nitroso-di-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

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(QT Reviewed)

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 Last Update : Fri Nov 02 16:41:16 2001
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Compound	R.T.	QIon	Response	Conc	Unit	Qvalue
23) 2-Nitrophenol	0.00	139	0	N.D.		
24) 2,4-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.		
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-Chlorophenyl-phenylether	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	168	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	25.01	178	396	N.D.		
56) Anthracene	25.01	178	396	N.D.		
57) Di-n-butylphthalate	27.03	149	2494	N.D.		
58) 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	33.06	228	3151	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.33	149	850	N.D.		
67) Chrysene	33.06	228	3151	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
 25664.D GCMS1126.M Wed Nov 28 14:57:00 2001

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\NOV1601\25664.D Vial: 19
Acq On : 17 Nov 2001 8:35 am Operator: 209 GALOS
Sample : gc/ms unknown Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Nov 17 9:24 2001 Quant Results File: NP103001.RES

Quant Method : C:\HPCHEM\1\METHODS\NP103001.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Nov 02 16:41:16 2001
Response via : Initial Calibration
DataAcq Meth : NP103001

Compound	R.T.	QIon	Response	Conc Unit	Qvalue
71) Benzo(k)fluoranthene	0.00	252	0	N.D.	
72) Benzo(a)pyrene	37.16	252	3783	N.D.	
73) Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
74) Dibenzo(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
25664.D GCMS1126.M Wed Nov 28 14:57:01 2001

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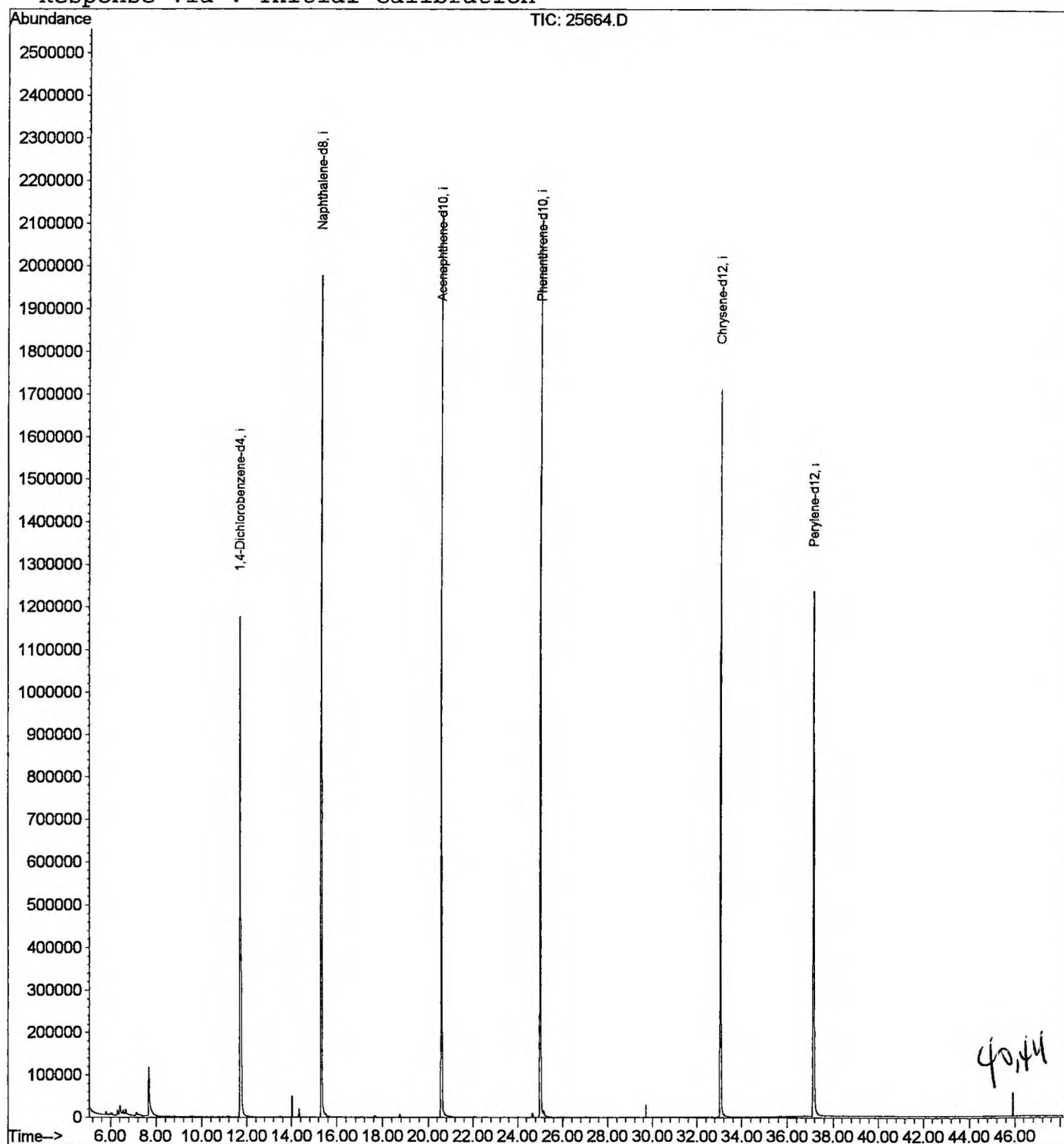
Quantitation Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25664.D
Acq On : 17 Nov 2001 8:35 am
Sample : gc/ms unknown
Misc :
MS Integration Params: RTEINT.P
Quant Time: Nov 17 9:24 2001

Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: NP103001.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Tue Nov 27 12:20:14 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25664.D
 Acq On : 17 Nov 2001 8:35 am
 Sample : gc/ms unknown
 Misc :
 MS Integration Params: LSCINT.P

Vial: 19
 Operator: 209 GALOS
 Inst : GC/MS 209
 Multiplr: 1.00

Method : C:\HPCHEM\1\METHODS\NP103001.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

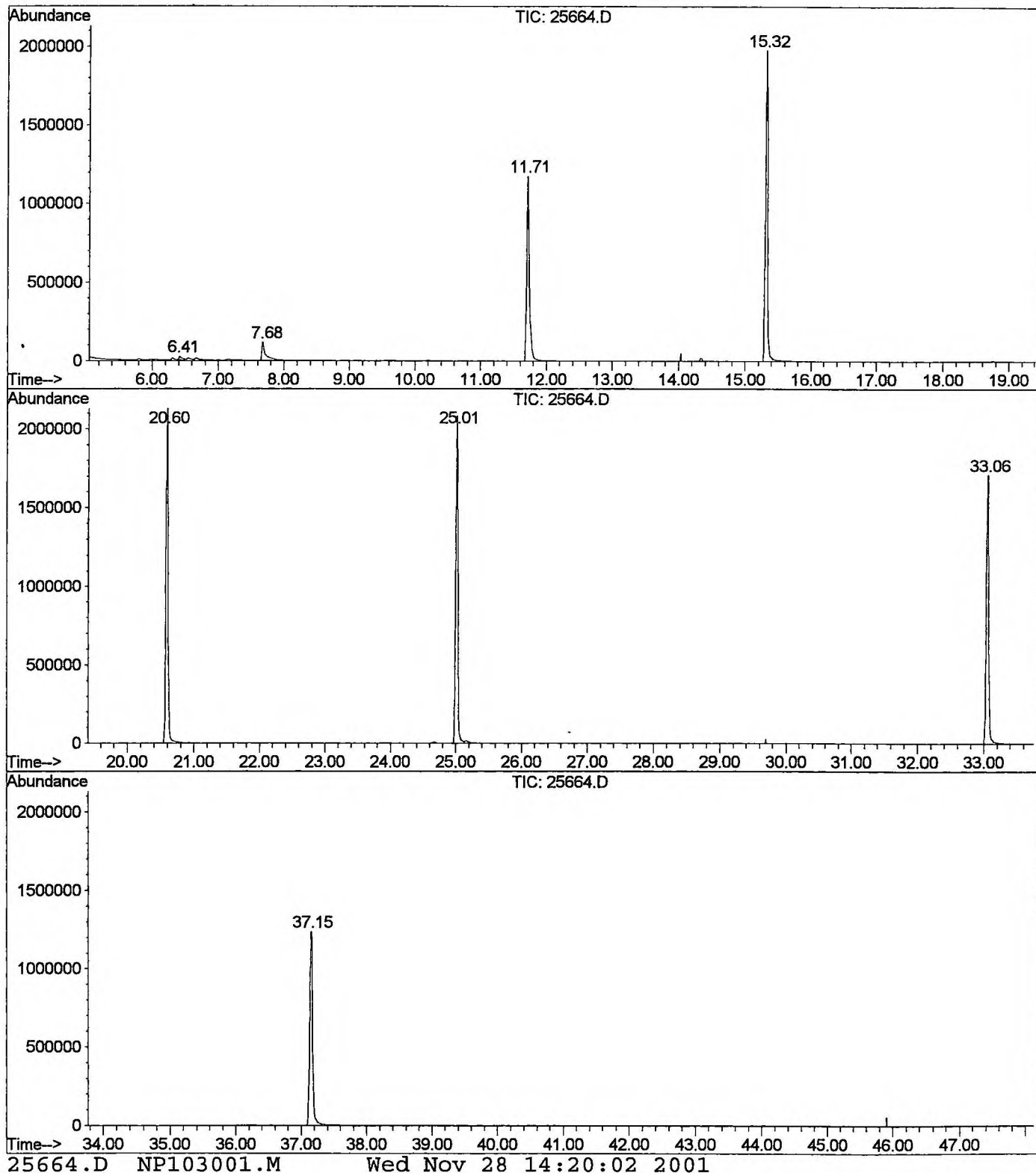
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.415	146	149	159	rVV2	21413	62903	1.32%	0.250%
2	7.682	283	287	311	rBV	114437	405072	8.49%	1.609%
3	11.712	721	726	755	rBV	1174324	3302475	69.18%	13.122%
4	15.320	1113	1119	1137	rBV	1976738	4382290	91.80%	17.412%
5	20.598	1687	1694	1712	rBV	2129137	4773591	100.00%	18.967%
6	25.014	2169	2175	2188	rBV2	2079645	4585137	96.05%	18.218%
7	33.056	3044	3051	3070	rBV2	1710666	4078683	85.44%	16.206%
8	37.150	3489	3497	3515	rBV2	1232051	3577918	74.95%	14.216%

Sum of corrected areas: 25168069

25664.D NP103001.M Wed Nov 28 14:19:59 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\NOV1601\25664.D
 Operator : 209 GALOS
 Acquired : 17 Nov 2001 8:35 am using AcqMethod NP103001
 Instrument : GC/MS 209
 Sample Name: gc/ms unknown
 Misc Info :
 Vial Number: 19
 Quant File :NP103001.RES (RTE Integrator)



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\NOV1601\25664.D
Acq On : 17 Nov 2001 8:35 am
Sample : gc/ms unknown
Misc :
MS Integration Params: LSCINT.P

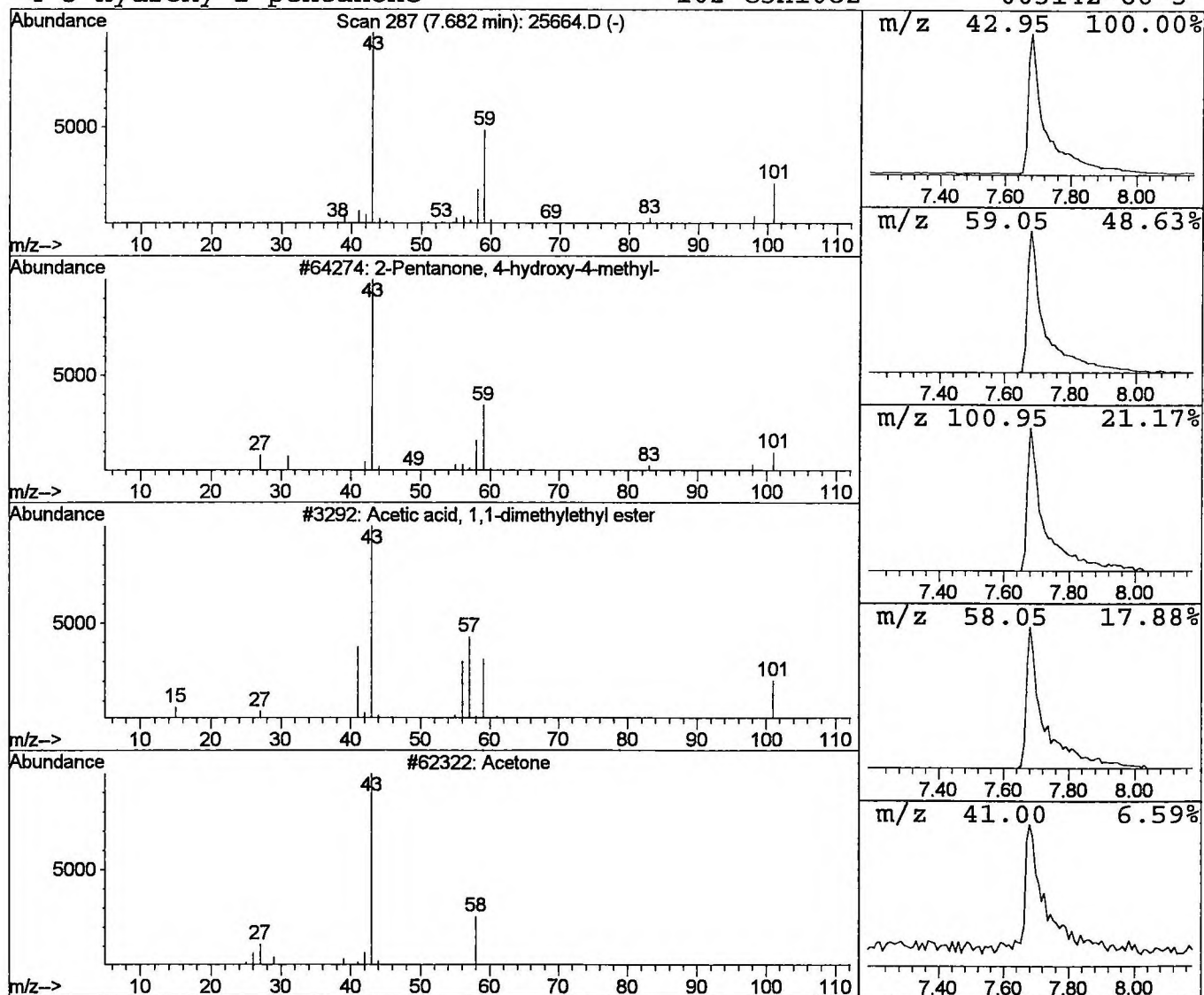
Vial: 19
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP103001.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.
7.68	2.45 ug/l	405072	1,4-Dichlorobenzene-d4	11.71

Hit#	of 5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2		Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	33
3		Acetone	58	C3H6O	000067-64-1	10
4		3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 17 Nov 2001 8:35 am
 Data File: C:\HPCHEM\1\DATA\NOV1601\25664.D
 Name: gc/ms unknown
 Misc:
 Method: C:\HPCHEM\1\METHODS\NP103001.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	7.68	2.5	ug/l	405072	ISTD01	11.71	3302480	20.0

25664.D NP103001.M Wed Nov 28 14:20:06 2001