

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/11/2001 Time: 16:30:15

Sample: AD27191
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/11/01 16:28 Ended: 12/11/01 16:28 Analyst: MG
 Page: 1

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

Comments for Sample AD27191 - Analysis \$GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-11-2001 Time: 16:30:19

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\DEC0701\27191.D
 Acq On : 8 Dec 2001 8:42 am
 Sample : gc/ms unknown 11/13
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 10 9:39 2001

Vial: 17
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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	1557082	20.00	ng/uL	-0.06
19) Naphthalene-d8	15.49	136	5940116	20.00	ng/uL	-0.06
31) Acenaphthene-d10	20.76	164	2731997	20.00	ng/uL	-0.06
49) Phenanthrene-d10	25.17	188	4036054m	20.00	ng/uL	-0.07
59) Chrysene-d12	33.17	240	2617607	20.00	ng/uL	-0.07
68) Perylene-d12	37.26	264	1916726	20.00	ng/uL	-0.07

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	11.88	132	1337	0.01	ng/uL	0.46
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	12.29	152	293	0.00	ng/uL	-0.16
Spiked Amount	50.000	Range 26 - 73	Recovery	=	0.00%#	
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	3229	0.02	ng/uL	0.07
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.

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\27191.D
 Acq On : 8 Dec 2001 8:42 am
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 MS Integration Params: RTEINT.P
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Vial: 17
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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
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.		
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	15.54	128	1218	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	25.18	178	994	N.D.		
56) Anthracene	25.18	178	994	N.D.		
57) Di-n-butylphthalate	27.16	149	2991	N.D.		
58) Fluoranthene	0.00	202	0	N.D.		
60) 3,3'-Dichlorobenzidine	0.00	252	0	N.D.		

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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC0701\27191.D

Vial: 17

Acq On : 8 Dec 2001 8:42 am

Operator: GALOS

Sample : gc/ms unknown 11/13

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 10 9:39 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
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	33.18	228	5711	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.43	149	6194	N.D.		
67) Chrysene	33.18	228	5711	N.D.		
69) Di-n-Octylphthalate	0.00	149	0	N.D.		
70) Benzo(b)fluoranthene	0.00	252	0	N.D.		
71) Benzo(k)fluoranthene	0.00	252	0	N.D.		
72) Benzo(a)pyrene	37.27	252	6599	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

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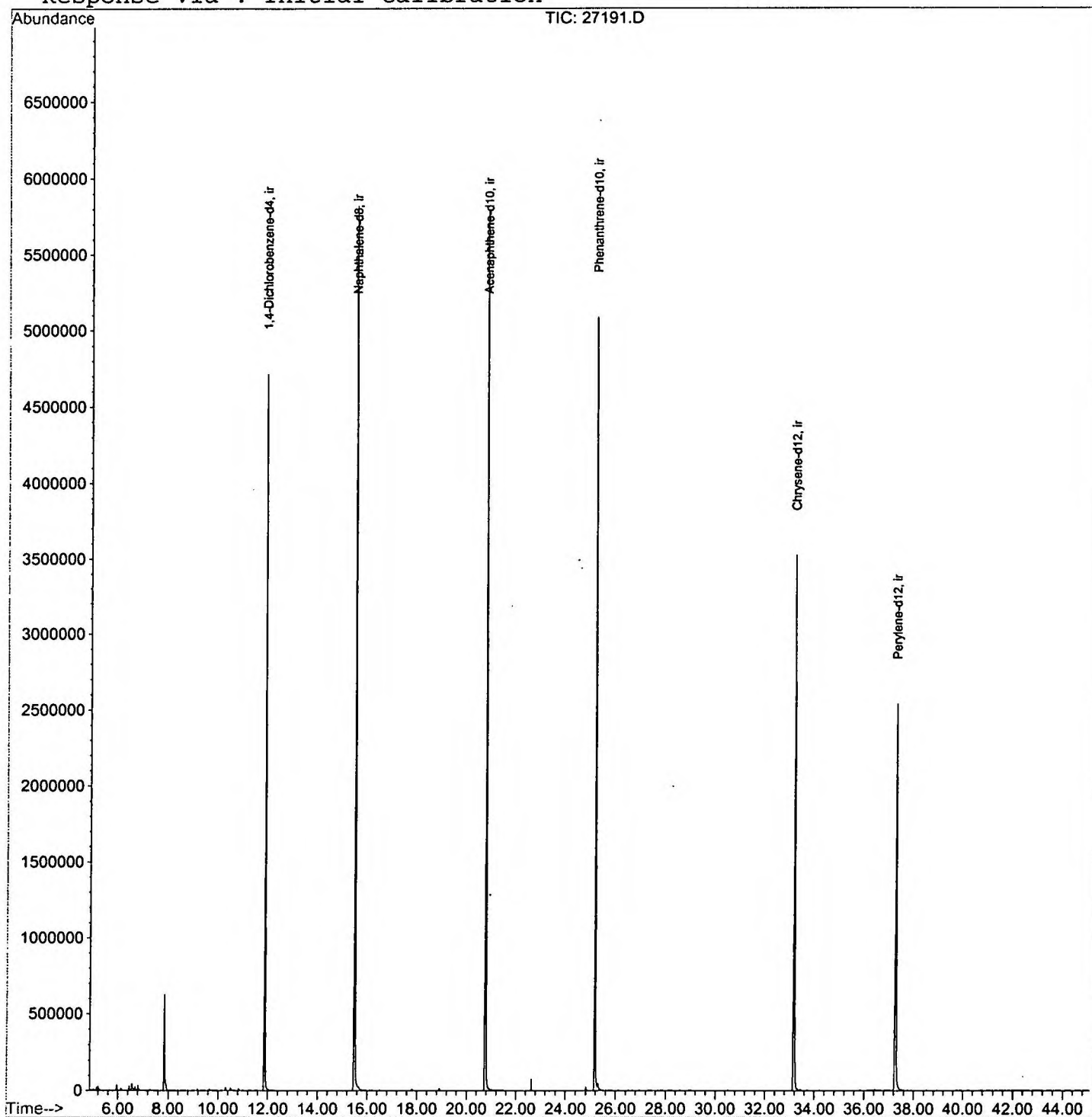
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC0701\27191.D
Acq On : 8 Dec 2001 8:42 am
Sample : gc/ms unknown 11/13
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 10 9:39 2001

Vial: 17
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 : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC0701\27191.D
 Acq On : 8 Dec 2001 8:42 am
 Sample : gc/ms unknown 11/13
 Misc :
 MS Integration Params: LSCINT.P

Vial: 17
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

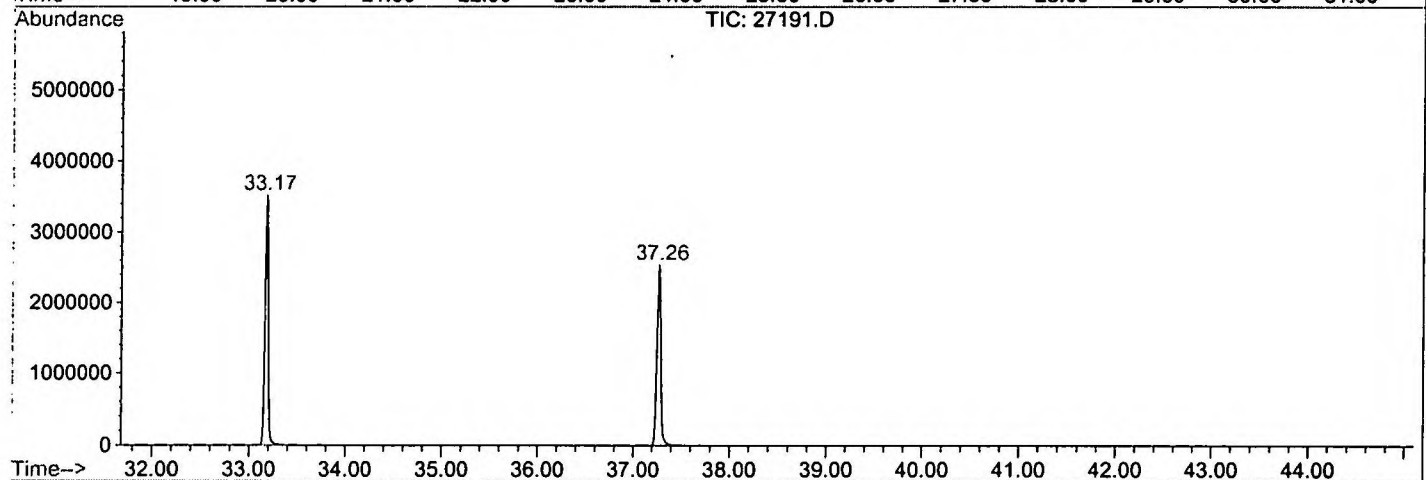
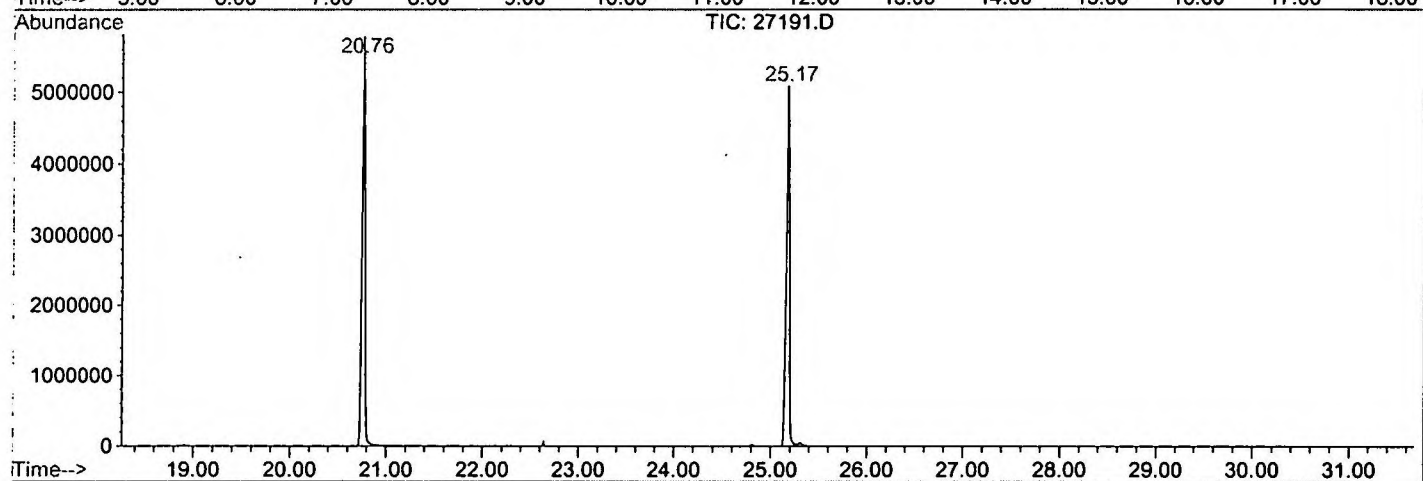
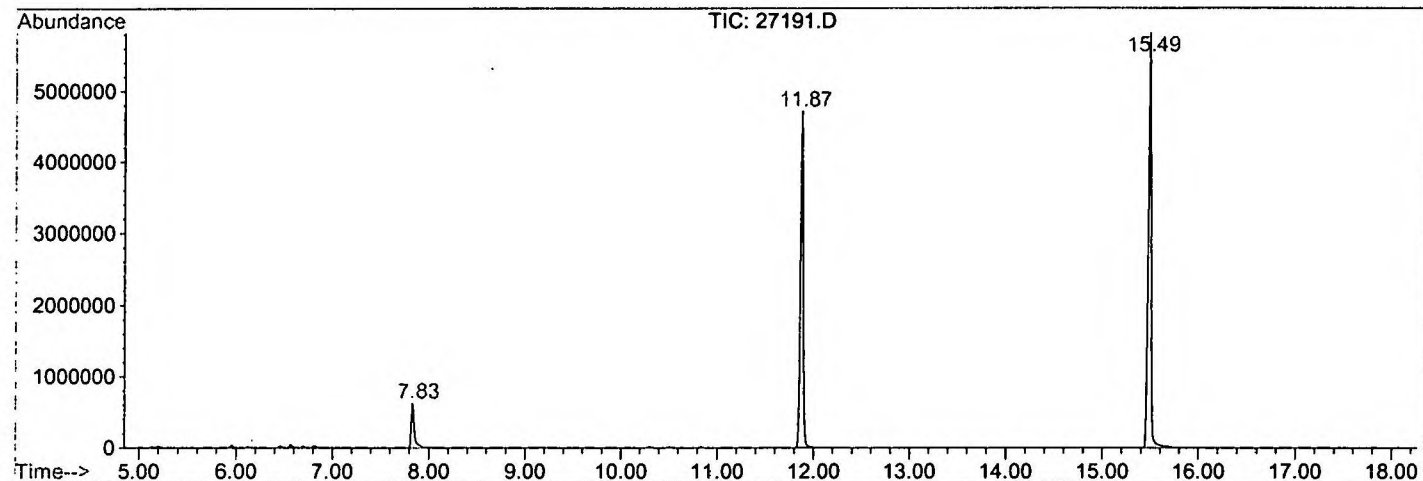
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.829	322	326	340	rBV	626291	1340549	10.99%	2.166%
2	11.873	761	767	780	rBV	4712796	9665942	79.27%	15.617%
3	15.486	1155	1161	1179	rBV	5820823	12065149	98.95%	19.493%
4	20.759	1729	1736	1759	rBV	5790593	12193046	100.00%	19.700%
5	25.169	2210	2217	2228	rBV2	5086687	11244138	92.22%	18.166%
6	33.175	3084	3090	3112	rBV2	3521636	8395505	68.85%	13.564%
7	37.265	3529	3536	3551	rBV2	2532161	6990627	57.33%	11.294%

Sum of corrected areas: 61894956

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LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC0701\27191.D
 Operator : GALOS
 Acquired : 8 Dec 2001 8:42 am using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/13
 Misc Info :
 Vial Number: 17
 Quant File :NP112701.RES (RTE Integrator)



27191.D NP112701.M

Tue Dec 11 15:13:52 2001

Library Search Compound Report

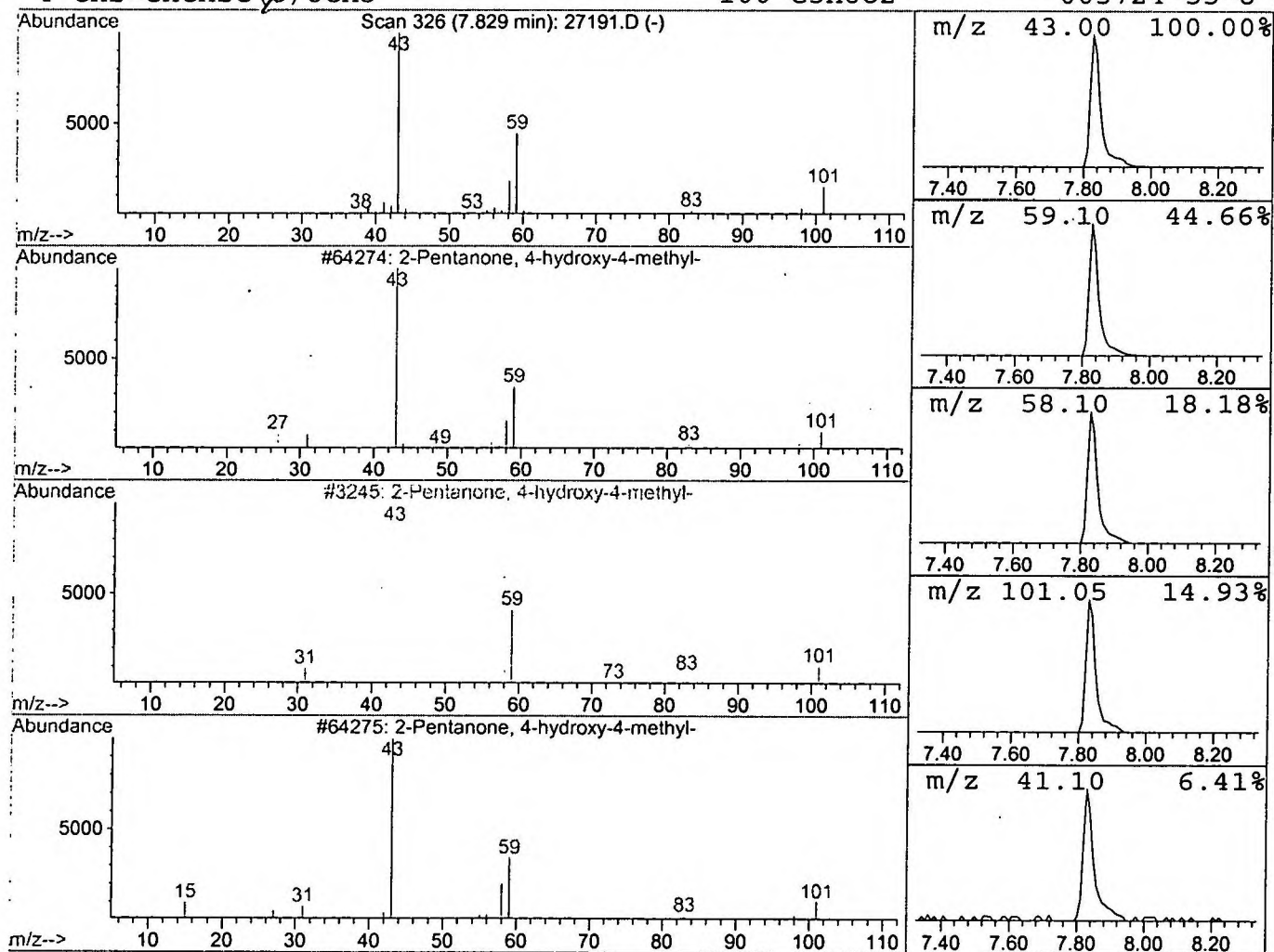
Data File : C:\HPCHEM\1\DATA\DEC0701\27191.D
 Acq On : 8 Dec 2001 8:42 am
 Sample : gc/ms unknown 11/13
 Misc :
 MS Integration Params: LSCINT.P

Vial: 17
 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.	
7.83	2.77 ng/uL	1340550	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	83
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	40
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 8 Dec 2001 8:42 am
 Data File: C:\HPCHEM\1\DATA\DEC0701\27191.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	7.83	2.8	ng/uL	1340550	ISTD01	11.87	9665940	20.0
27191.D NP112701.M								

Tue Dec 11 15:13:56 2001