User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/19/2001 Time: 11:25:37

Sample: AD27393
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/19/01 11:24 Ended: 12/19/01 11:24 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 AD27393 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-19-2001 Time: 11:25:43

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\DEC1301\27393.D Vial: 16
Acq On : 14 Dec 2001 12:00 am Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:11 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	886226	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.47	136	3560334	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.74	164	1561240	20.00	ng/uL	-0.08
49) Phenanthrene-d10	25.15	188	2313657m	20.00	ng/uL	-0.09
59) Chrysene-d12	33.15	240	1533044	20.00	ng/uL	-0.10
68) Perylene-d12	37.23	264	1113295	20.00	ng/uL	-0.11
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	700	0.01	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.08	152	564	0.01	ng/uL	-0.38
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.90	172	1829	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

Quantitation Report (QT Reviewed)

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Acq On : 14 Dec 2001 12:00 am Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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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	13.13	70	292	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	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	21.18	65	315	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)	Azobenzen/ 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	0.00	178	0	N.D.		
56)	Anthracene	0.00	178	0	N.D.		
57)	Di-n-butylphthalate	27.14	149	12734	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27393.D Vial: 16
Acq On : 14 Dec 2001 12:00 am Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:11 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

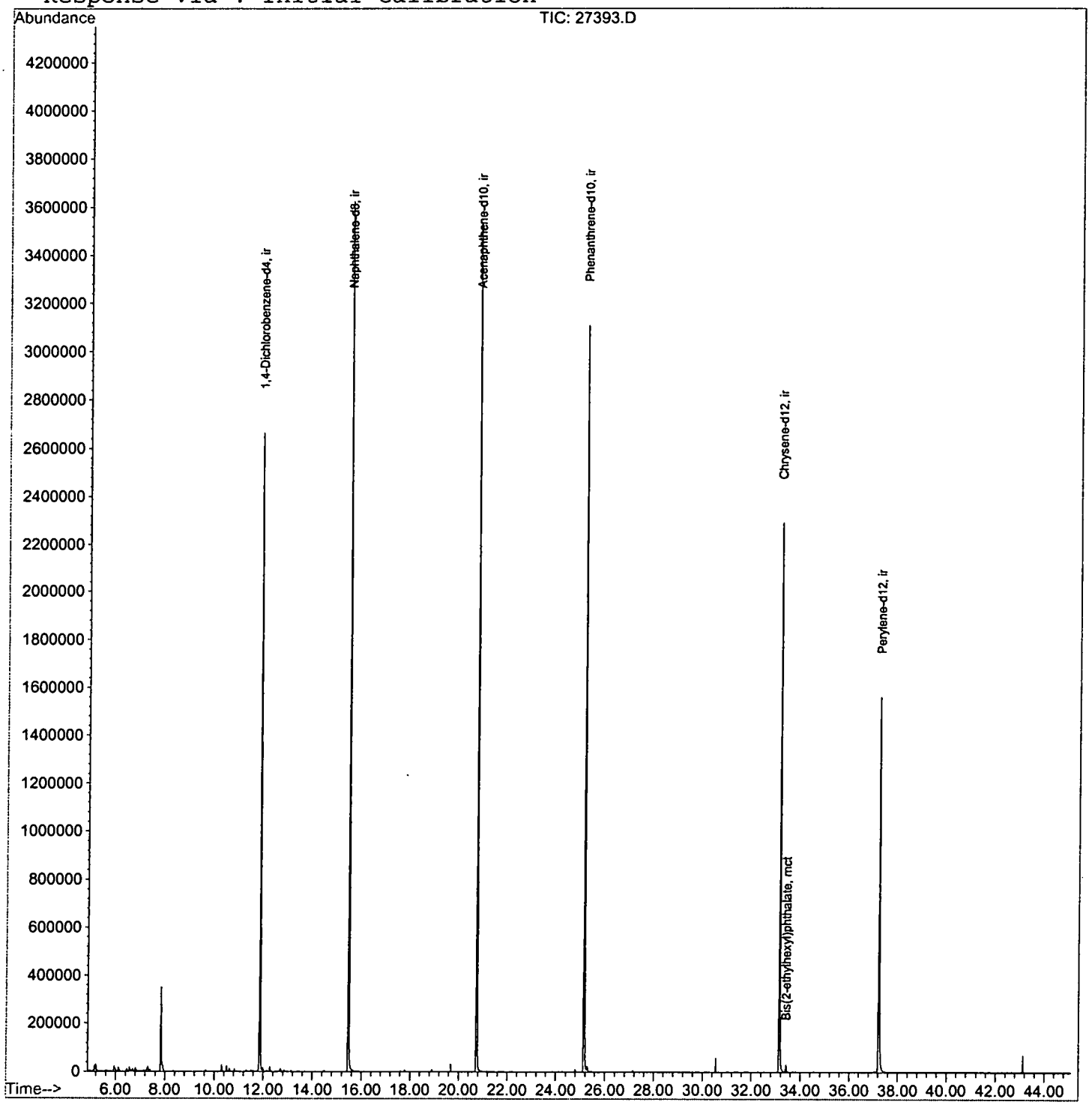
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	0.00	149	0	N.D.	
65) Benzo(a)anthracene	33.14	228	3286	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.42	149	25113	0.28 ng/uL#	92
67) Chrysene	33.14	228	3286	N.D.	
69) Di-n-Octylphthalate	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	37.23	252	3635	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\DEC1301\27393.D Vial: 16
Acq On : 14 Dec 2001 12:00 am Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:11 2001 Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Fri Dec 14 09:15:17 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27393.D Vial: 16
Acq On : 14 Dec 2001 12:00 am Operator: GALOS
Sample : gcms unknown 11/14 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

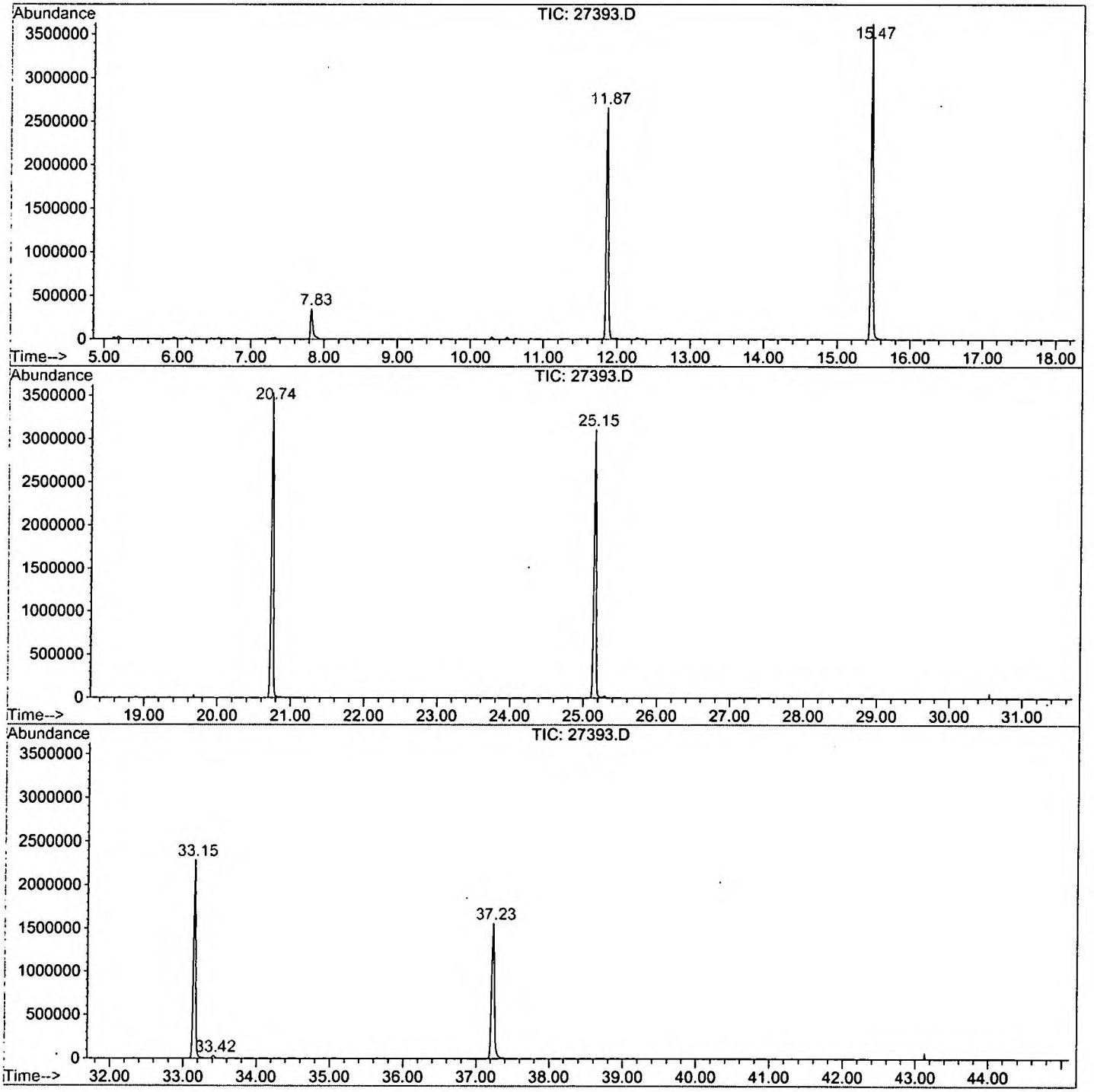
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.831	321	326	338	rBV	350871	798835	11.19%	2.220%
2	11.866	758	766	775	rBV	2661456	5451356	76.37%	15.151%
3	15.470	1153	1159	1177	rBV	3624775	7138122	100.00%	19.839%
4	20.742	1728	1734	1748	rBV	3530151	6971486	97.67%	19.376%
5	25.153	2208	2215	2226	rBV2	3109157	6508544	91.18%	18.089%
6	33.150	3080	3087	3105	rBV2	2290392	4902687	68.68%	13.626%
7	33.416	3111	3116	3127	rVB2	31522	81996	1.15%	0.228%
8	37.230	3524	3532	3551	rBV2	1559207	4126727	57.81%	11.470%

Sum of corrected areas: 35979753

27393.D NP112701.M Fri Dec 14 12:39:38 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27393.D
Operator : GALOS
Acquired : 14 Dec 2001 12:00 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/14
Misc Info :
Vial Number: 16
Quant File :NP112701.RES (RTE Integrator)



27393.D NP112701.M Fri Dec 14 12:39:40 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27393.D Vial: 16
Acq On : 14 Dec 2001 12:00 am Operator: GALOS
Sample : gcms unknown 11/14 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

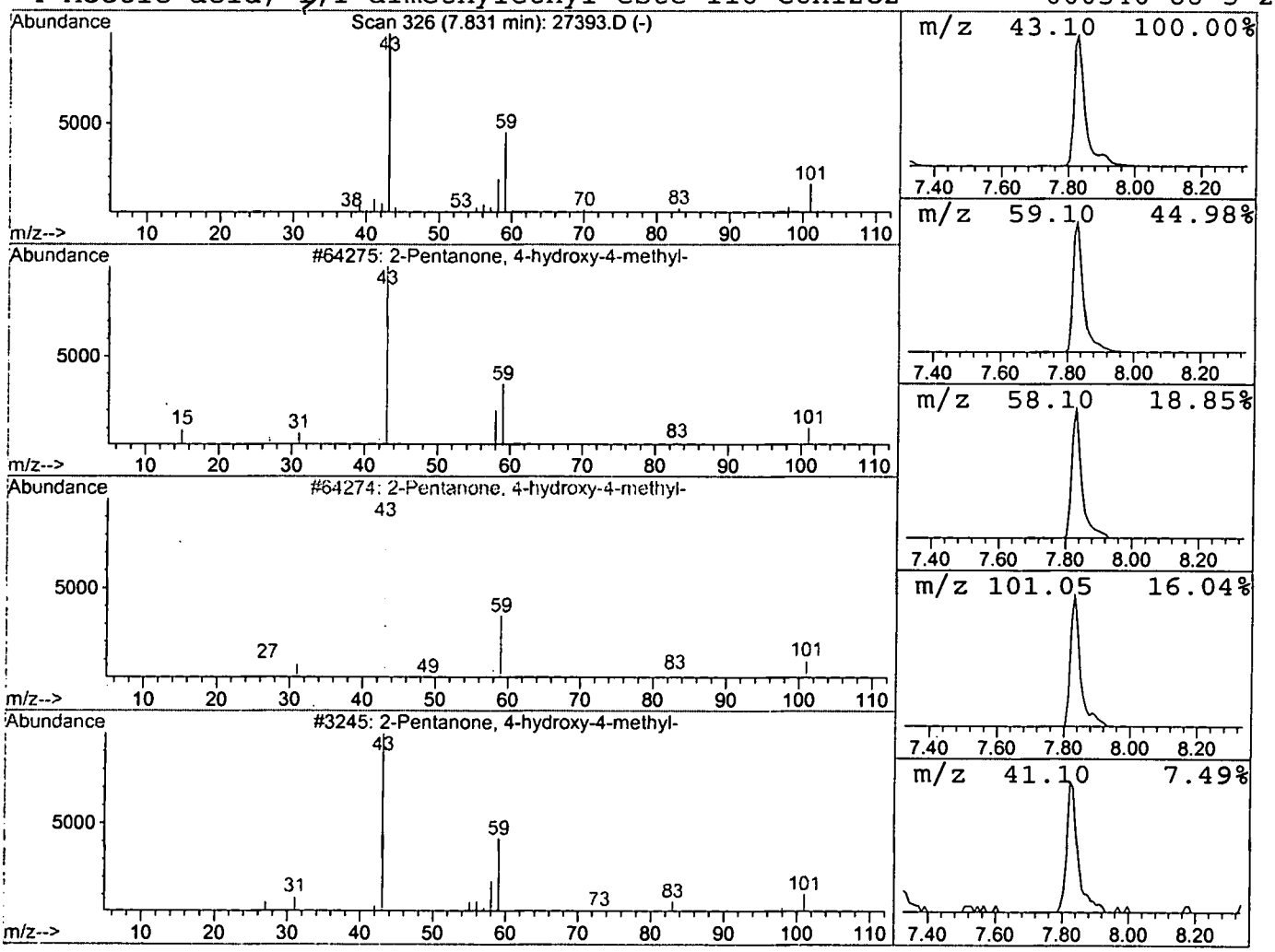
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.93 ng/uL	798835	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	45
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: 14 Dec 2001 12:00 am
Data File: C:\HPCHEM\1\DATA\DEC1301\27393.D
Name: gcms unknown 11/14
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	2.9	ng/uL	798835	ISTD01	11.87	5451360	20.0

27393.D NP112701.M Fri Dec 14 12:39:44 2001

Comments for Sample AD27393 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 12-24-2001 Time: 12:34:41

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., except for the presence of bis(2-Ethylhexyl)phthalate at an estimated level of 0.28 ug/L.