

Jser: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 15:59:03

Sample: AD28104
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/2/02 15:57 Ended: 1/2/02 15:57 Analyst: MG
 Page: 1

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

Comments for Sample AD28104 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-02-2002 Time: 15:59:16

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\DEC2101\28104.D
 Acq On : 22 Dec 2001 3:02 am
 Sample : gcms unknown 11/23
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 28 9:41 2001

Vial: 11
 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	11.80	152	871352	20.00	ng/uL	-0.14
19) Naphthalene-d8	15.40	136	3467525	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.67	164	1525778	20.00	ng/uL	-0.15
49) Phenanthrene-d10	25.08	188	2250866	20.00	ng/uL	-0.16
59) Chrysene-d12	33.09	240	1577733	20.00	ng/uL	-0.16
68) Perylene-d12	37.16	264	1018315	20.00	ng/uL	-0.18

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	11.79	132	315	0.01	ng/uL	0.36
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	0.00	152	0	0.00	ng/uL	
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	18.83	172	1703	0.02	ng/uL	0.00
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\DEC2101\28104.D

Vial: 11

Acq On : 22 Dec 2001 3:02 am

Operator: GALOS

Sample : gcms unknown 11/23

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 28 9:41 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
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	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.	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) 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	25.09	178	280	N.D.		
56) Anthracene	25.09	178	280	N.D.		
57) Di-n-butylphthalate	27.07	149	2122	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\DEC2101\28104.D

Vial: 11

Acq On : 22 Dec 2001 3:02 am

Operator: GALOS

Sample : gcms unknown 11/23

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 28 9:41 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	33.09	228	3692	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.35	149	4934	N.D.		
67) Chrysene	33.09	228	3692	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	37.16	252	3769	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\DEC2101\28104.D

Acq On : 22 Dec 2001 3:02 am

Sample : gcms unknown 11/23

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 28 9:41 2001

Vial: 11

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

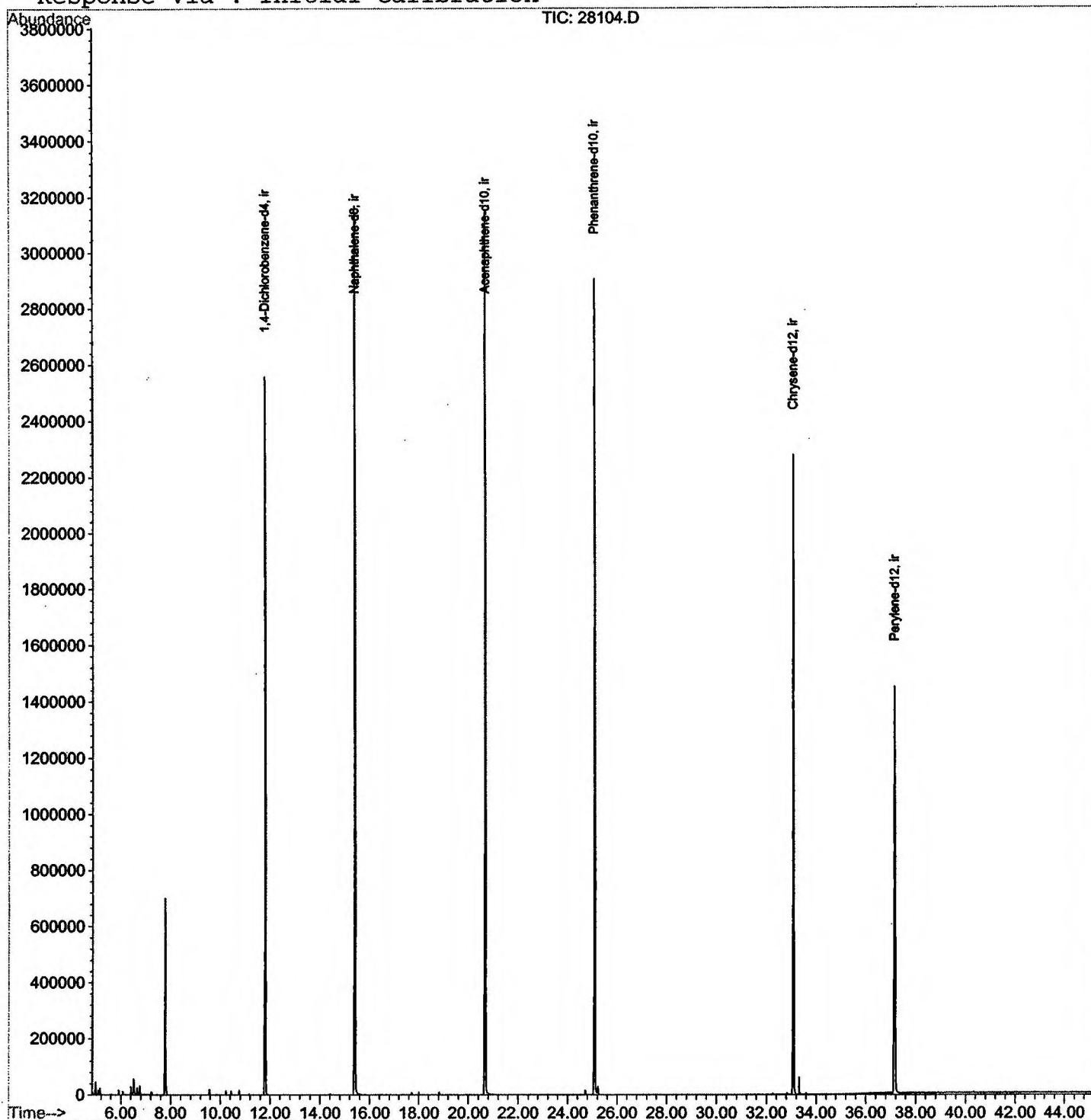
Quant Results File: NP112701.RES

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



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LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28104.D
 Acq On : 22 Dec 2001 3:02 am
 Sample : gcms unknown 11/23
 Misc :
 MS Integration Params: LSCINT.P

Vial: 11
 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
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 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	4.983	8	15	19	rVB	45345	90501	1.27%	0.246%
2	6.514	176	182	191	rVV	56358	115866	1.62%	0.315%
3	7.770	315	319	332	rBV	700423	1350955	18.89%	3.672%
4	11.787	752	757	768	rBV	2556601	5488651	76.74%	14.917%
5	15.400	1144	1151	1168	rBV	3170566	7152329	100.00%	19.439%
6	20.673	1718	1726	1744	rBV	3156110	6919839	96.75%	18.807%
7	25.083	2199	2207	2218	rBV2	2906475	6473581	90.51%	17.594%
8	33.089	3073	3080	3092	rBV2	2278691	5236456	73.21%	14.232%
9	37.160	3516	3524	3538	rBV2	1446372	3965782	55.45%	10.778%

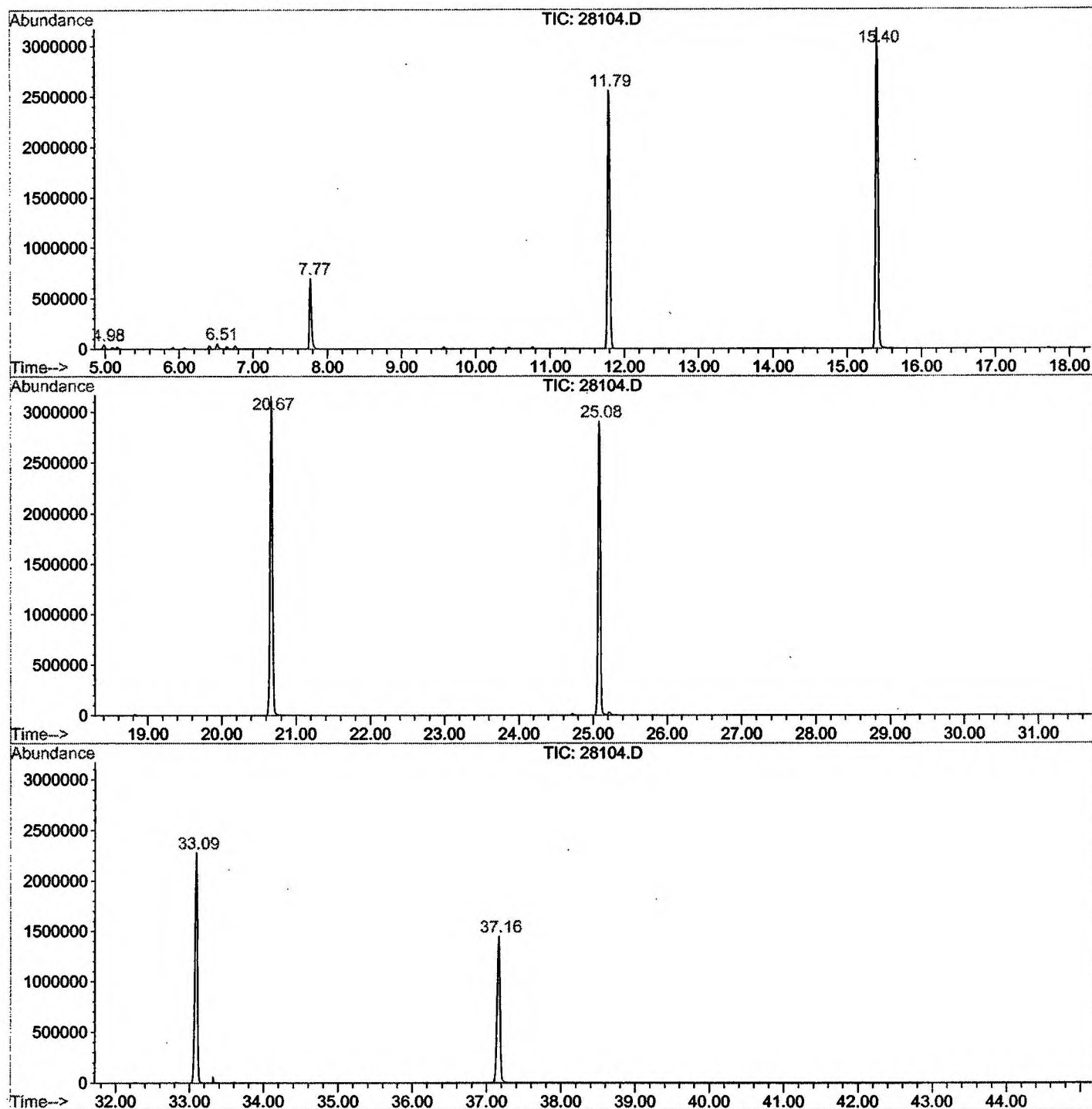
Sum of corrected areas: 36793960

28104.D NP112701.M

Fri Dec 28 09:54:42 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28104.D
Operator : GALOS
Acquired : 22 Dec 2001 3:02 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/23
Misc Info :
Vial Number: 11
Quant File :NP112701.RES (RTE Integrator)



28104.D NP112701.M

Fri Dec 28 09:54:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28104.D
 Acq On : 22 Dec 2001 3:02 am
 Sample : gcms unknown 11/23
 Misc :
 MS Integration Params: LSCINT.P

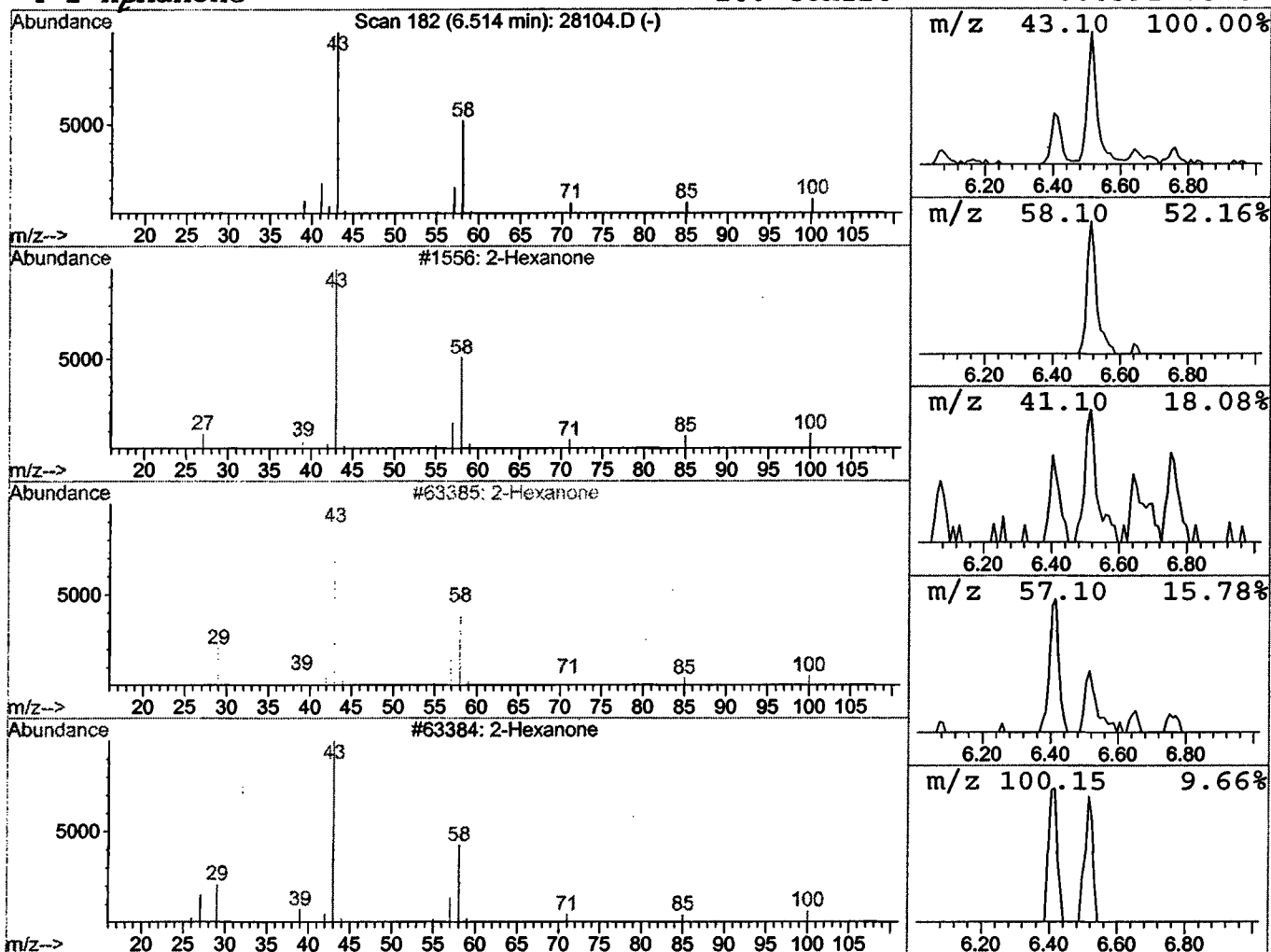
Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	0.42 ng/uL	115866	1,4-Dichlorobenzene-d4	11.80

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone			100	C6H12O	000591-78-6	91
2	2-Hexanone			100	C6H12O	000591-78-6	91
3	2-Hexanone			100	C6H12O	000591-78-6	91
4	2-Hexanone			100	C6H12O	000591-78-6	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28104.D
 Acq On : 22 Dec 2001 3:02 am
 Sample : gcms unknown 11/23
 Misc :
 MS Integration Params: LSCINT.P

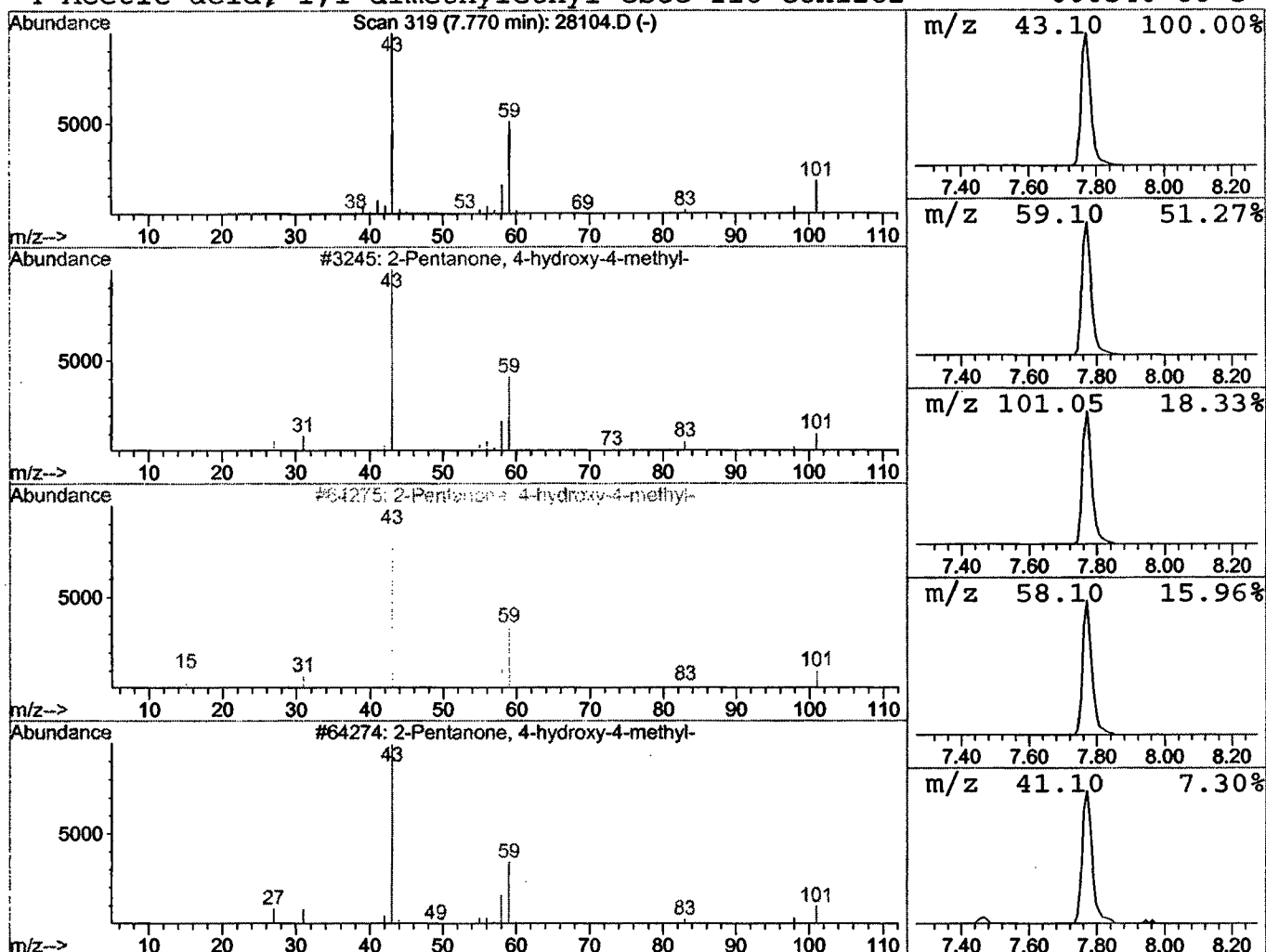
Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	4.92 ng/uL	1350960	1,4-Dichlorobenzene-d4	11.80

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3		2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
4		Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 22 Dec 2001 3:02 am
 Data File: C:\HPCHEM\1\DATA\DEC2101\28104.D
 Name: gcms unknown 11/23
 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-Hexanone	6.51	0.4	ng/uL	115866	ISTD01	11.80	5488650	20.0
2-Pentanone, 4-hydro	7.77	4.9	ng/uL	1350960	ISTD01	11.80	5488650	20.0

28104.D NP112701.M Fri Dec 28 09:54:51 2001