

Jser: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 12:34:52

Sample: AD28323
Analysis: \$GCMS GCMS Scan For Unknowns
Jnits: ug
Started: 1/3/02 12:33 Ended: 1/3/02 12:33 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 AD28323 - Analysis \$GCMS

Vestchester Dept. of Labs & Research

User: Galos, Marie

Date: 01-03-2002 Time: 12:34:57

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\DEC2801\28323.D

Vial: 8

Acq On : 28 Dec 2001 2:17 pm

Operator: GALOS

Sample : gcms unknown 11/28

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Jan 3 12:27 2002

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	11.84	152	761677	20.00	ng/uL	-0.10
19) Naphthalene-d8	15.44	136	3057790	20.00	ng/uL	-0.11
31) Acenaphthene-d10	20.71	164	1367262	20.00	ng/uL	-0.11
49) Phenanthrene-d10	25.12	188	1971795	20.00	ng/uL	-0.12
59) Chrysene-d12	33.13	240	1380871	20.00	ng/uL	-0.12
68) Perylene-d12	37.21	264	876660	20.00	ng/uL	-0.13

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	11.84	132	302	0.01	ng/uL	0.41
Spiked Amount	75.000	Range 34 - 84	Recovery	=	0.01%#	
7) 1,2-Dichlorobenzene-d4	11.97	152	303	0.01	ng/uL	-0.48
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	0.00	172	0	0.00	ng/uL	
Spiked Amount	50.000	Range 42 - 78	Recovery	=	0.00%#	
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\DEC2801\28323.D

Vial: 8

Acq On : 28 Dec 2001 2:17 pm

Operator: GALOS

Sample : gcms unknown 11/28

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Jan 3 12:27 2002

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.		
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	0.00	178	0	N.D.		
56) Anthracene	0.00	178	0	N.D.		
57) Di-n-butylphthalate	27.11	149	14311	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

28323.D NP112701.M

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Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2801\28323.D Vial: 8
 Acq On : 28 Dec 2001 2:17 pm Operator: GALOS
 Sample : gcms unknown 11/28 Inst : GC/MS Ins
 Misc : Multiplr: 1.00
 MS Integration Params: RTEINT.P
 Quant Time: Jan 3 12:27 2002 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	33.12	228	2845	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.40	149	11583	N.D.		
67) Chrysene	33.12	228	2845	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	37.21	252	3027	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
 28323.D NP112701.M Thu Jan 03 12:27:28 2002

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2801\28323.D

Vial: 8

Acq On : 28 Dec 2001 2:17 pm

Operator: GALOS

Sample : gcms unknown 11/28

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Jan 3 12:27 2002

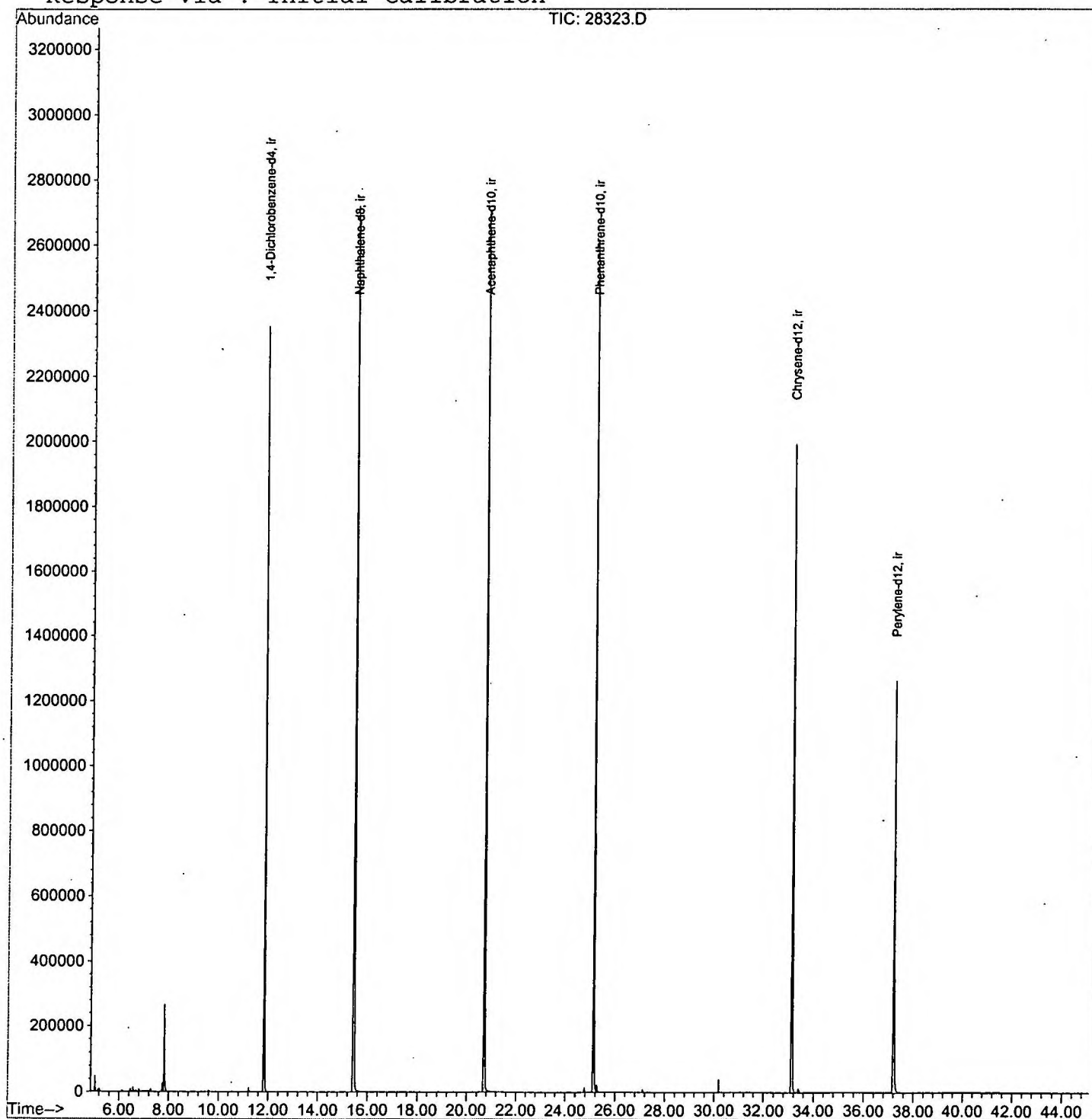
Quant Results File: NP112701.RES

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\DEC2801\28323.D

Vial: 8

Acq On : 28 Dec 2001 2:17 pm

Operator: GALOS

Sample : gcms unknown 11/28

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	5.024	15	20	24	rBV	48982	84394	1.34%	0.270%
2	7.820	321	325	335	rVB	266406	521120	8.27%	1.665%
3	11.837	757	763	774	rBV	2353180	4778053	75.83%	15.264%
4	15.441	1149	1156	1173	rBV	2720618	6301198	100.00%	20.130%
5	20.714	1723	1731	1745	rBV	2705558	5959881	94.58%	19.040%
6	25.124	2204	2212	2223	rBV2	2615999	5661451	89.85%	18.087%
7	33.130	3078	3085	3101	rBV2	1991520	4590591	72.85%	14.666%
8	37.211	3522	3530	3549	rBV2	1262280	3405215	54.04%	10.879%

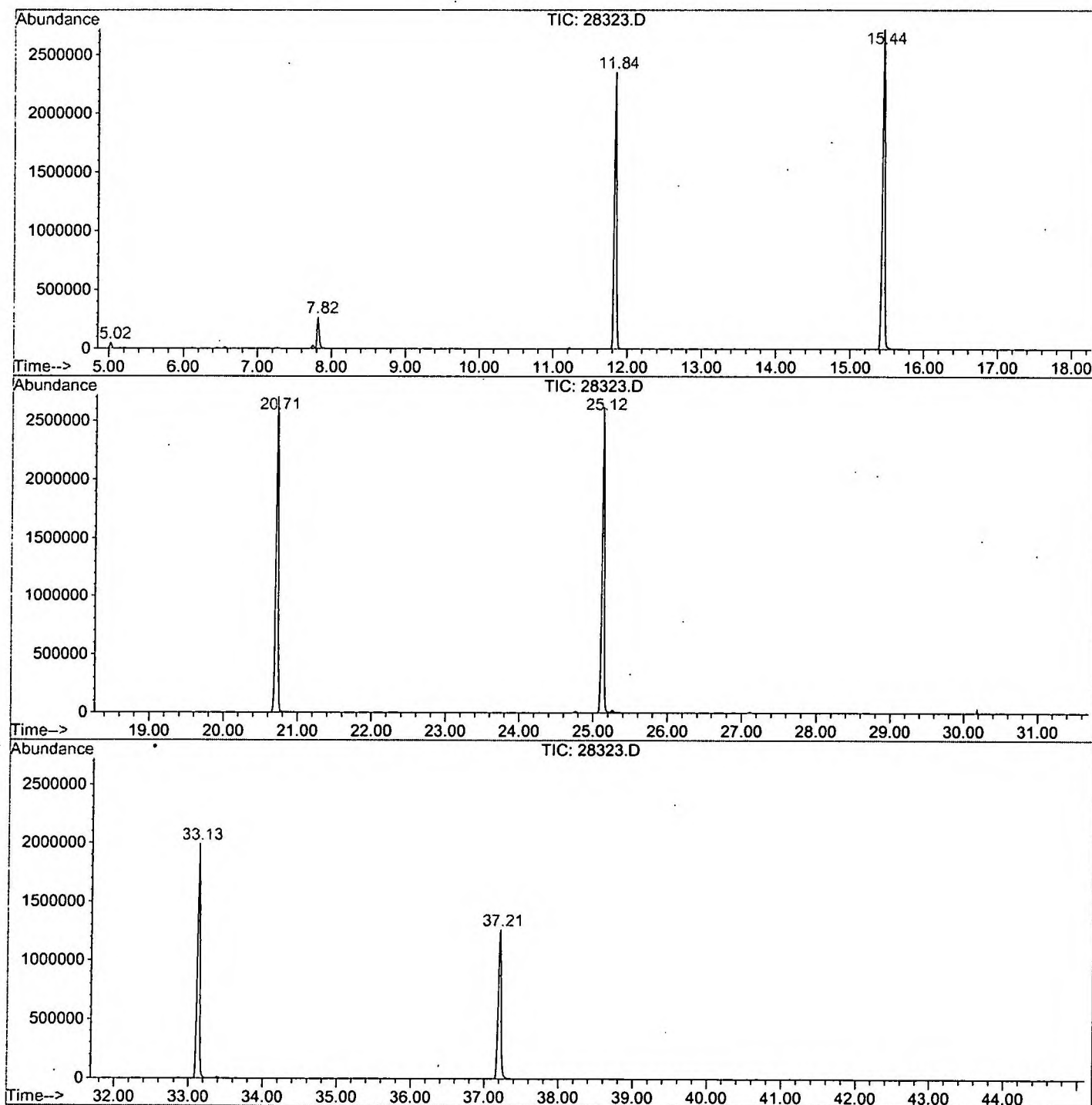
Sum of corrected areas: 31301903

28323.D NP112701.M

Thu Jan 03 12:30:51 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2801\28323.D
 Operator : GALOS
 Acquired : 28 Dec 2001 2:17 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gcms unknown 11/28
 Misc Info :
 Vial Number: 8
 Quant File :NP112701.RES (RTE Integrator)



28323.D NP112701.M

Thu Jan 03 12:30:53 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2801\28323.D
 Acq On : 28 Dec 2001 2:17 pm
 Sample : gcms unknown 11/28
 Misc :
 MS Integration Params: LSCINT.P

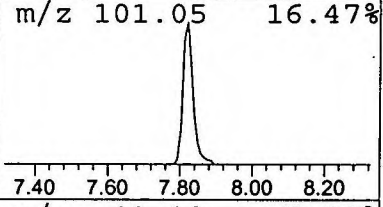
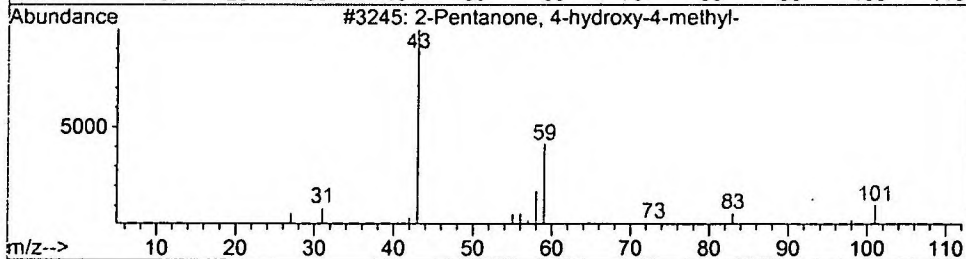
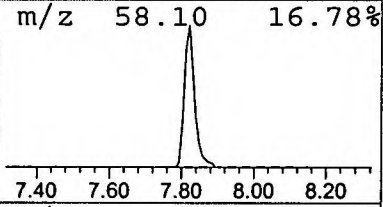
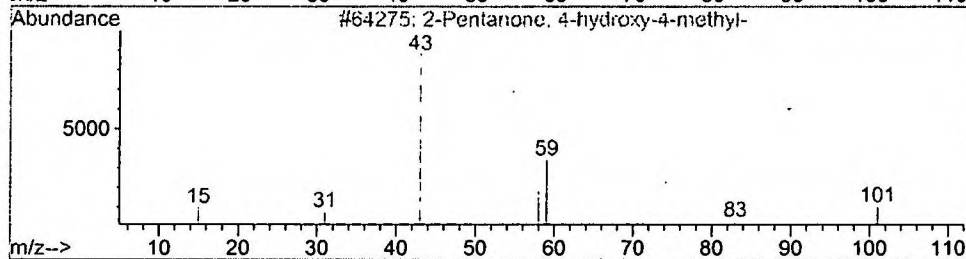
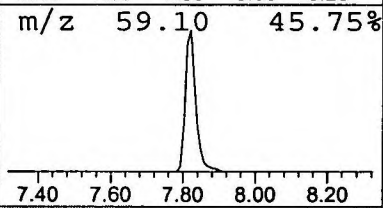
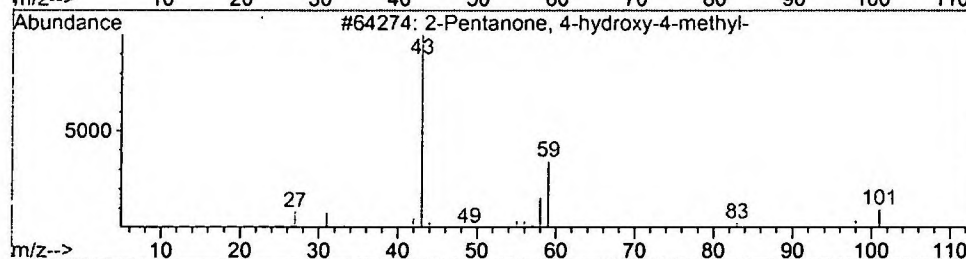
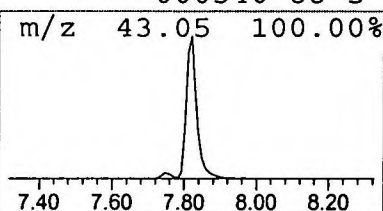
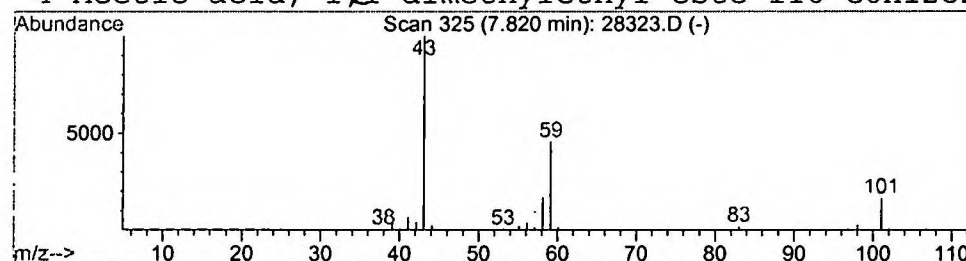
Vial: 8
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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-methyl Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	2.18 ng/uL	521120	1,4-Dichlorobenzene-d4	11.84

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	59
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: 28 Dec 2001 2:17 pm
 Data File: C:\HPCHEM\1\DATA\DEC2801\28323.D
 Name: gcms unknown 11/28
 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	7.82	2.2	ng/uL	521120	ISTD01	11.84	4778050	20.0

28323.D NP112701.M Thu Jan 03 12:30:57 2002