

User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 14:16:55

Sample: AD27571
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 14:16 Ended: 12/18/01 14:16 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 AD27571 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-18-2001 Time: 14:17:01

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\27571.D

Vial: 11

Acq On : 13 Dec 2001 7:28 pm

Operator: GALOS

Sample : gcms unknown 11/15

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 14 9:10 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	11.86	152	1201163	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	4818886	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	2059462	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.15	188	3073582	20.00	ng/uL	-0.09
59) Chrysene-d12	33.16	240	1963599	20.00	ng/uL	-0.09
68) Perylene-d12	37.24	264	1390390	20.00	ng/uL	-0.10

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	11.86	132	1044	0.01	ng/uL	0.44
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	12.25	152	345	0.01	ng/uL	-0.21
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	1793	0.01	ng/uL	0.06
Spiked Amount	50.000	Range	42 - 78	Recovery	=	0.02%#
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

27571.D NP112701.M

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27571.D

Vial: 11

Acq On : 13 Dec 2001 7:28 pm

Operator: GALOS

Sample : gcms unknown 11/15

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 14 9:10 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.		
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	22.23	149	1283	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	25.16	178	364	N.D.		
56) Anthracene	25.16	178	364	N.D.		
57) Di-n-butylphthalate	27.14	149	4403	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\DEC1301\27571.D

Vial: 11

Acq On : 13 Dec 2001 7:28 pm

Operator: GALOS

Sample : gcms unknown 11/15

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 14 9:10 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	33.16	228	4072		N.D.	
66) Bis(2-ethylhexyl)phthalate	33.41	149	283		N.D.	
67) Chrysene	33.16	228	4072		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	4568		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

27571.D NP112701.M

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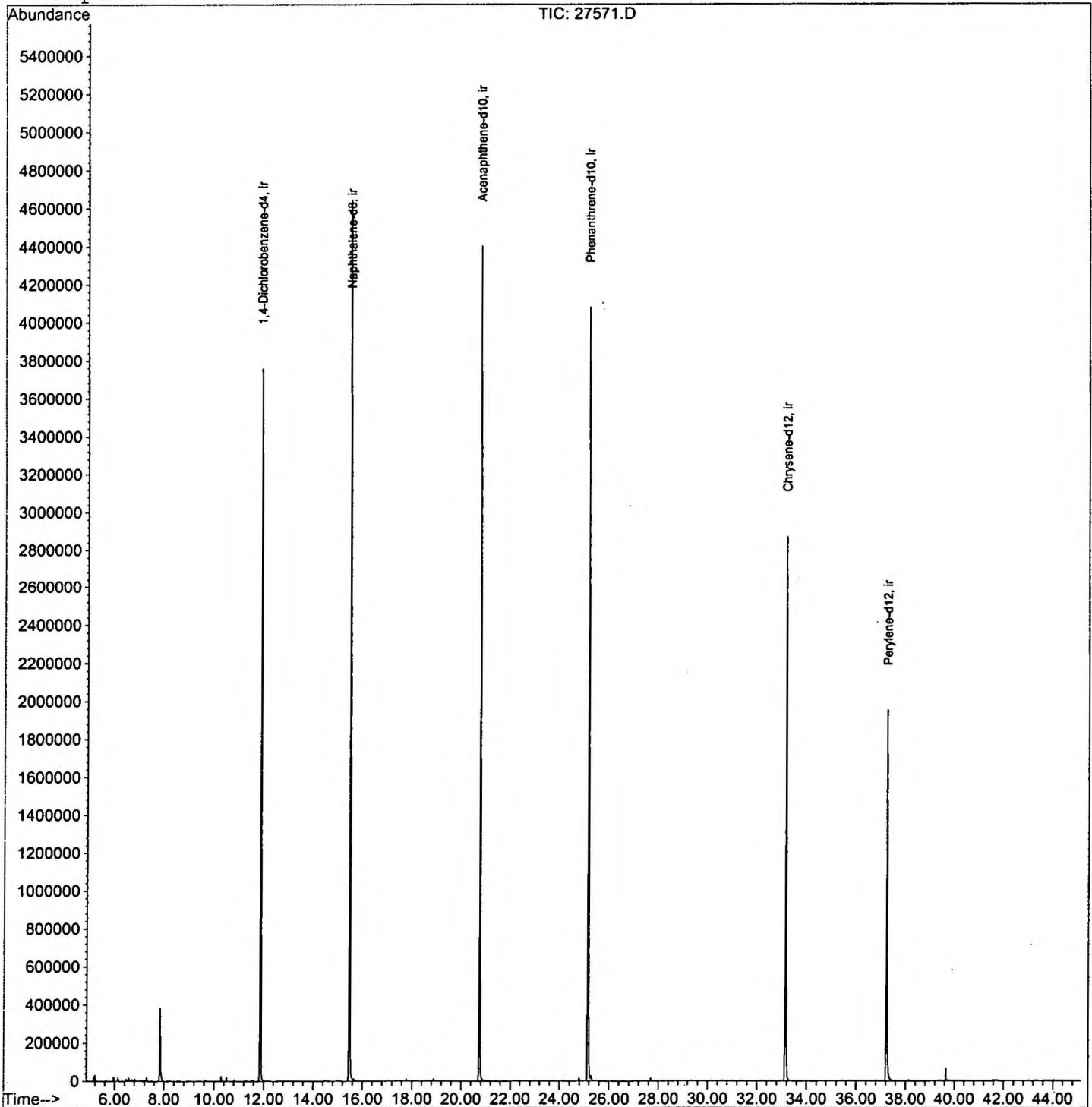
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27571.D
 Acq On : 13 Dec 2001 7:28 pm
 Sample : gcms unknown 11/15
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 14 9:10 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 : Fri Dec 14 09:15:17 2001
 Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27571.D

Acq On : 13 Dec 2001 7:28 pm

Sample : gcms unknown 11/15

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	7.828	322	326	342	rVB	384782	799087	8.25%	1.692%
2	11.863	761	766	782	rVB	3754667	7435729	76.81%	15.746%
3	15.476	1153	1160	1174	rBV	4644362	9680609	100.00%	20.500%
4	20.748	1728	1735	1746	rBV	4402428	9214667	95.19%	19.513%
5	25.150	2208	2215	2227	rBV2	4079752	8590341	88.74%	18.191%
6	33.156	3080	3088	3107	rBV2	2867545	6317919	65.26%	13.379%
7	37.236	3525	3533	3549	rBV	1947105	5185281	53.56%	10.980%

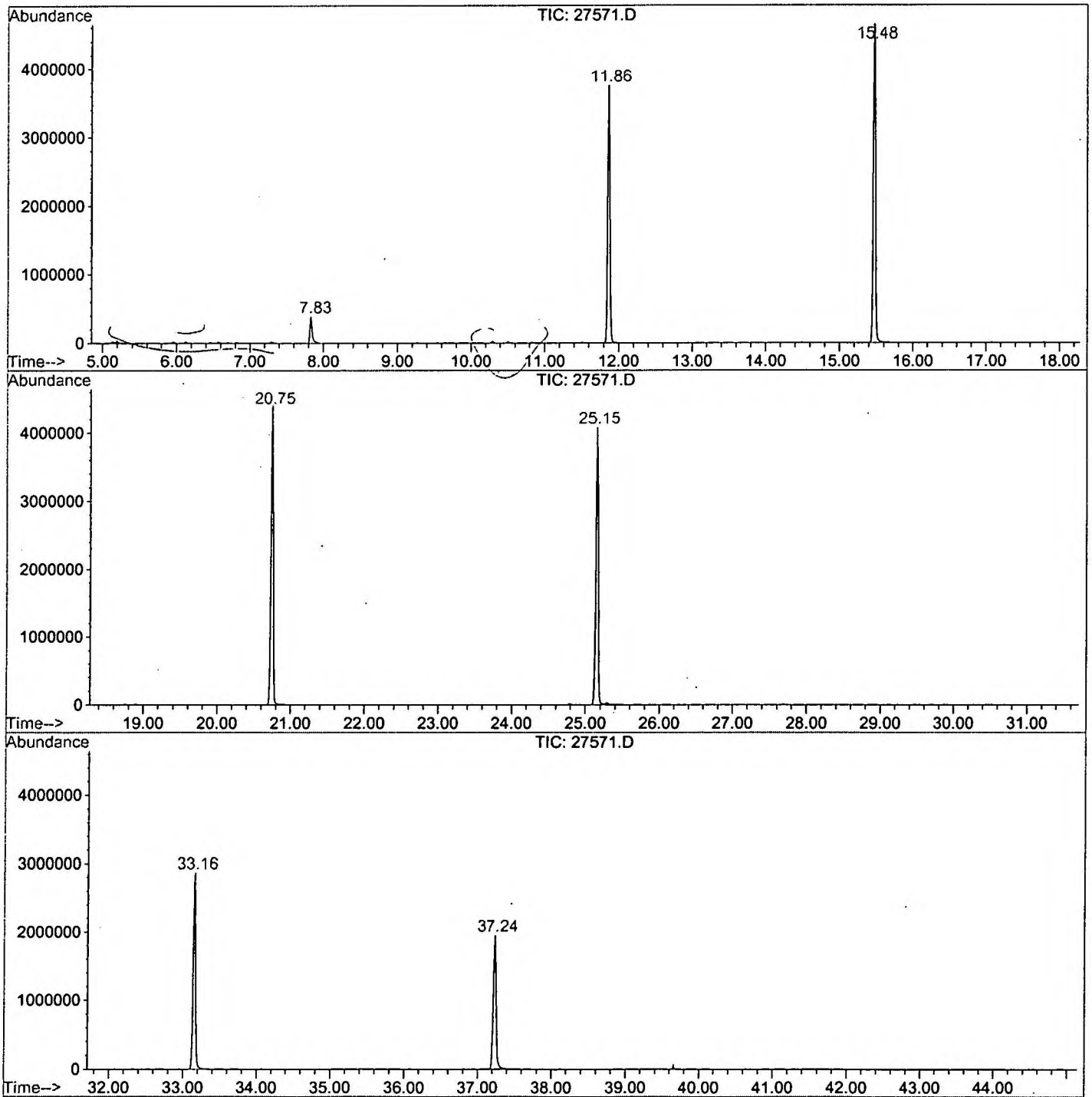
Sum of corrected areas: 47223633

27571.D NP112701.M

Fri Dec 14 12:58:43 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27571.D
 Operator : GALOS
 Acquired : 13 Dec 2001 7:28 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gcms unknown 11/15
 Misc Info :
 Vial Number: 11
 Quant File :NP112701.RES (RTE Integrator)



27571.D NP112701.M

Fri Dec 14 12:58:45 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27571.D
 Acq On : 13 Dec 2001 7:28 pm
 Sample : gcms unknown 11/15
 Misc :
 MS Integration Params: LSCINT.P

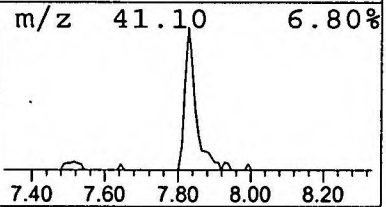
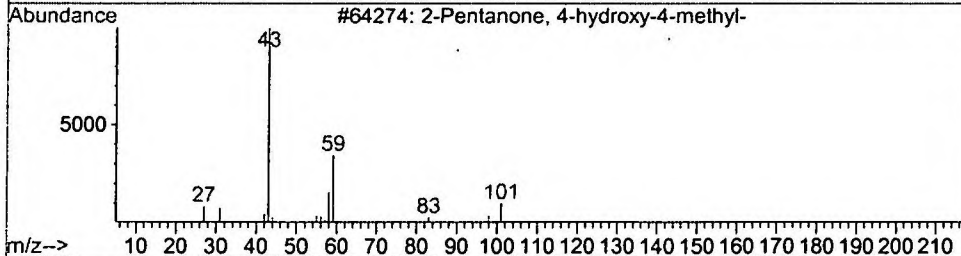
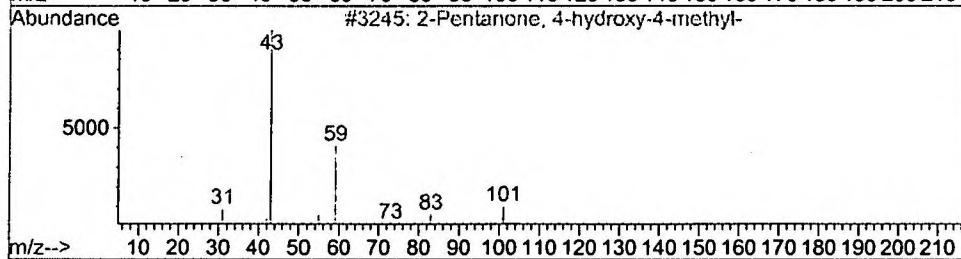
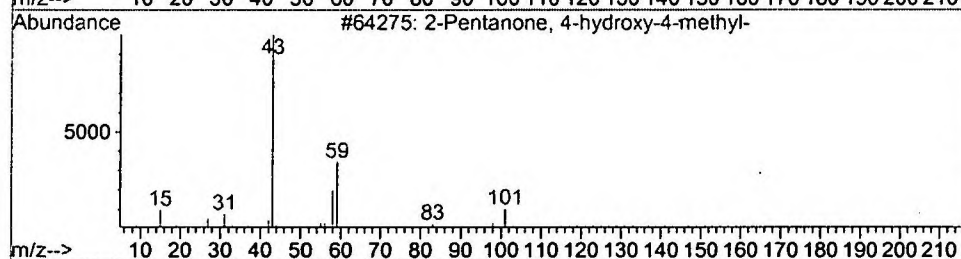
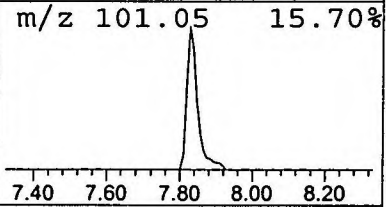
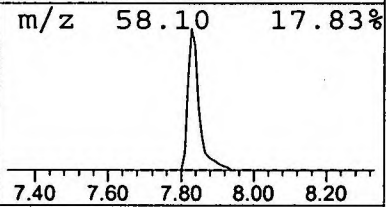
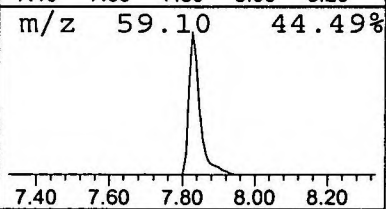
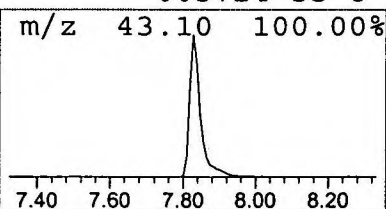
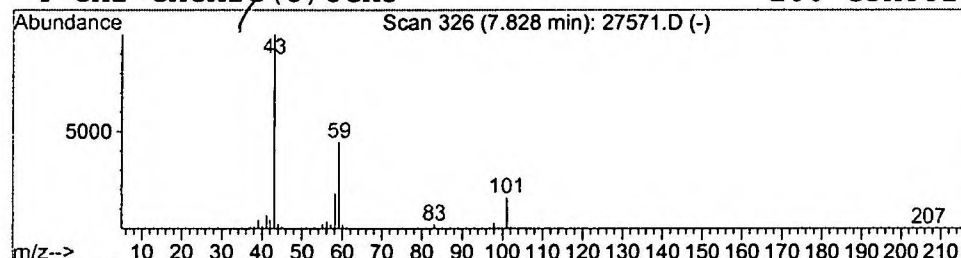
Vial: 11
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.15 ng/uL	799087	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	CH2=CHCH2O(O)OCH3	100	C5H8O2	003724-55-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 13 Dec 2001 7:28 pm
 Data File: C:\HPCHEM\1\DATA\DEC1301\27571.D
 Name: gcms unknown 11/15
 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	2.1	ng/uL	799087	ISTD01	11.86	7435730	20.0

27571.D NP112701.M	Fri Dec 14 12:58:49 2001							