

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 12/19/2001 Time: 10:06:45

Sample: AD27193
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 12/19/01 09:58 Ended: 12/19/01 09:58 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 AD27193 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Galos, Marie

Date: 12-19-2001 Time: 10:06:53

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\DEC1201\27193.D
 Acq On : 12 Dec 2001 6:02 pm
 Sample : gc/ms unknown 11/14
 Misc :
 MS Integration Params: RTEINT.P
 Quant Time: Dec 14 9:16 2001

Vial: 4
 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	11.83	152	920375	20.00	ng/uL	-0.10
19) Naphthalene-d8	15.44	136	3655302	20.00	ng/uL	-0.10
31) Acenaphthene-d10	20.72	164	1581145	20.00	ng/uL	-0.10
49) Phenanthrene-d10	25.13	188	2433993	20.00	ng/uL	-0.11
59) Chrysene-d12	33.12	240	1636171	20.00	ng/uL	-0.12
68) Perylene-d12	37.21	264	1209728	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	11.83	132	375	0.01	ng/uL	0.41
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	18.86	172	1401	0.01	ng/uL	0.03
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

27193.D NP112701.M Fri Dec 14 09:37:01 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1201\27193.D

Vial: 4

Acq On : 12 Dec 2001 6:02 pm

Operator: GALOS

Sample : gc/ms unknown 11/14

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 14 9:16 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	15.50	128	827	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	296	N.D.		
56) Anthracene	25.18	178	296	N.D.		
57) Di-n-butylphthalate	27.11	149	3366	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\DEC1201\27193.D
Acq On : 12 Dec 2001 6:02 pm
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:16 2001

Vial: 4
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

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	3069	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.40	149	1170	N.D.		
67) Chrysene	33.12	228	3069	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	3945	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
27193.D NP112701.M Fri Dec 14 09:37:04 2001

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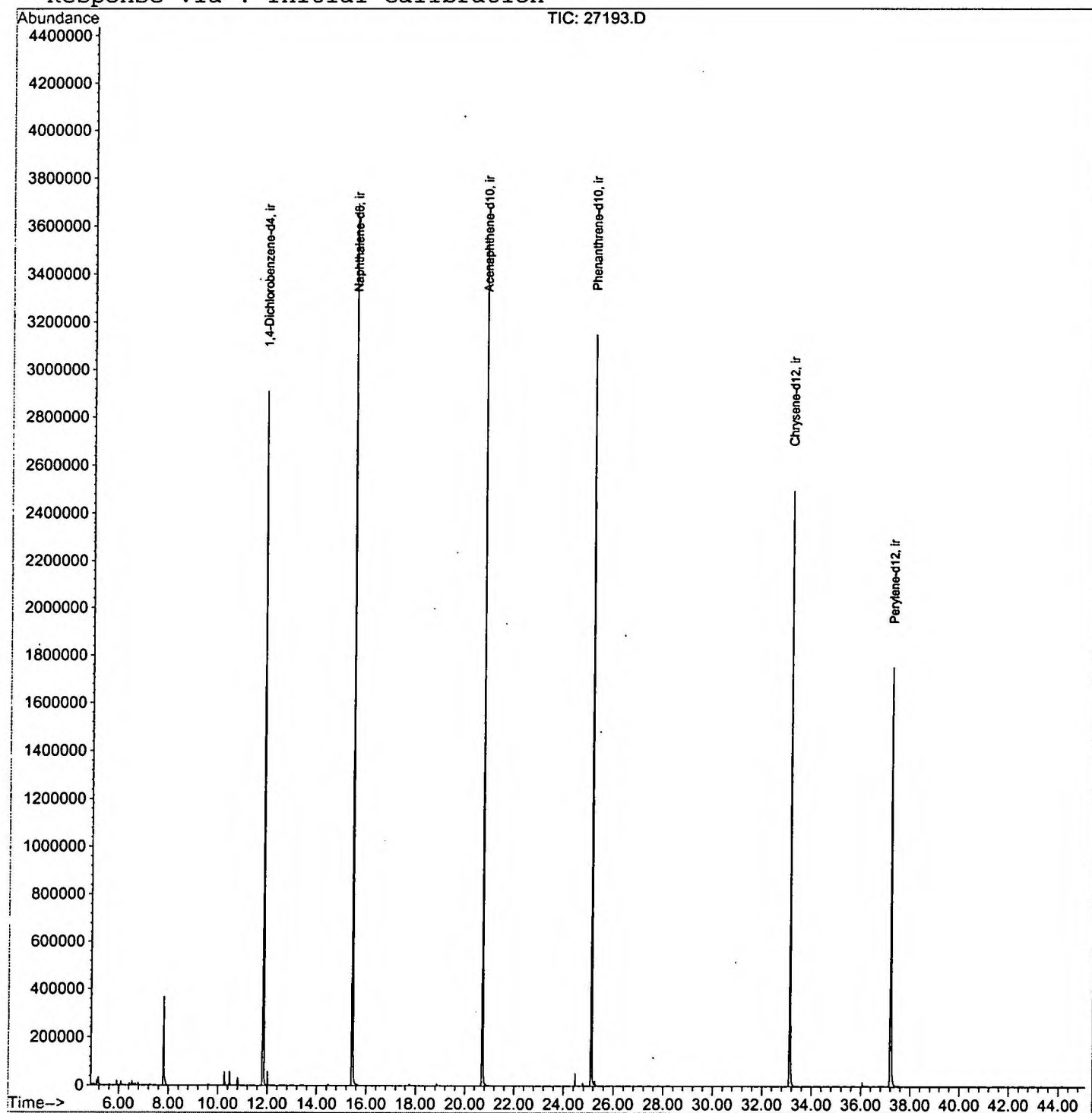
Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27193.D
Acq On : 12 Dec 2001 6:02 pm
Sample : gc/ms unknown 11/14
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:16 2001

Vial: 4
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\DEC1201\27193.D

Vial: 4

Acq On : 12 Dec 2001 6:02 pm

Operator: GALOS

Sample : gc/ms 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	5.165	32	35	48	rVB	35299	77996	1.06%	0.205%
2	7.797	318	322	340	rVB	368624	783317	10.62%	2.060%
3	10.263	587	591	599	rVB	57239	104637	1.42%	0.275%
4	10.474	610	614	622	rVB	59747	115166	1.56%	0.303%
5	11.831	757	762	774	rBV	2907408	5739786	77.79%	15.096%
6	15.445	1150	1156	1170	rBV	3695738	7378380	100.00%	19.406%
7	20.717	1725	1731	1749	rBV	3542310	7128748	96.62%	18.750%
8	25.119	2205	2211	2223	rBV2	3147283	6832456	92.60%	17.970%
9	33.124	3077	3084	3104	rBV2	2495291	5304960	71.90%	13.953%
10	37.205	3519	3529	3548	rBV2	1749688	4555368	61.74%	11.981%

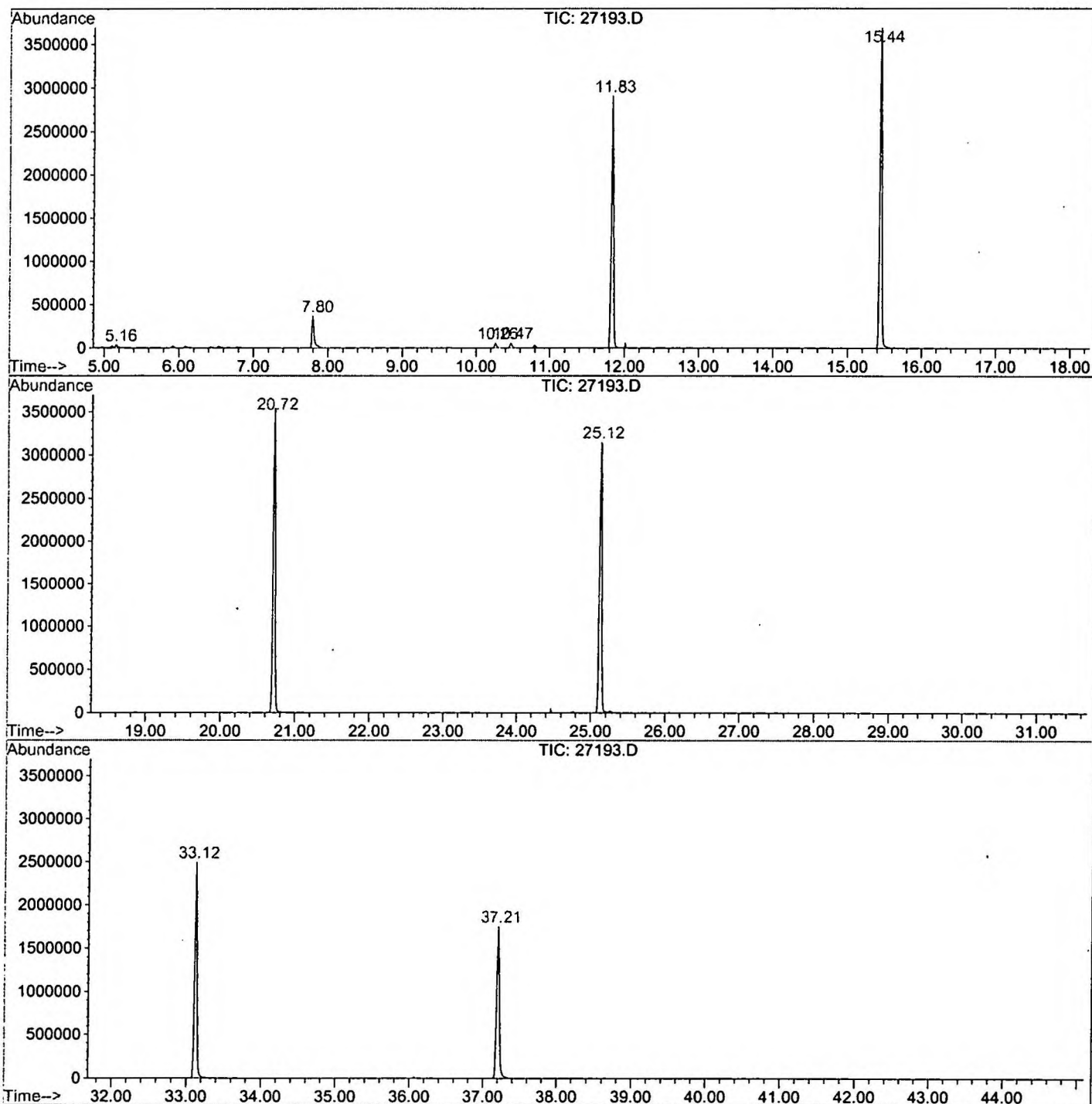
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27193.D NP112701.M

Fri Dec 14 10:07:06 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1201\27193.D
 Operator : GALOS
 Acquired : 12 Dec 2001 6:02 pm using AcqMethod NP112701
 Instrument : GC/MS Ins
 Sample Name: gc/ms unknown 11/14
 Misc Info :
 Vial Number: 4
 Quant File :NP112701.RES (RTE Integrator)



27193.D NP112701.M

Fri Dec 14 10:07:09 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27193.D
 Acq On : 12 Dec 2001 6:02 pm
 Sample : gc/ms unknown 11/14
 Misc :
 MS Integration Params: LSCINT.P

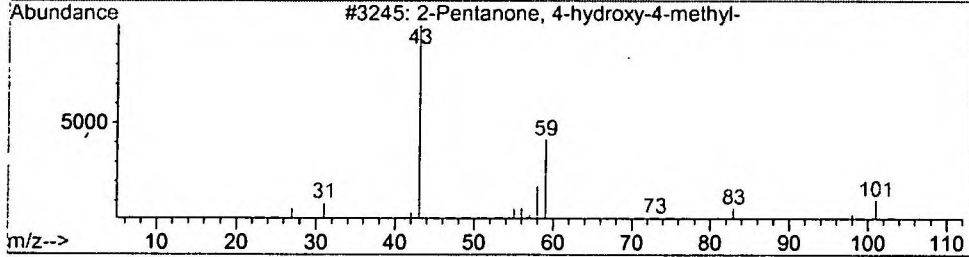
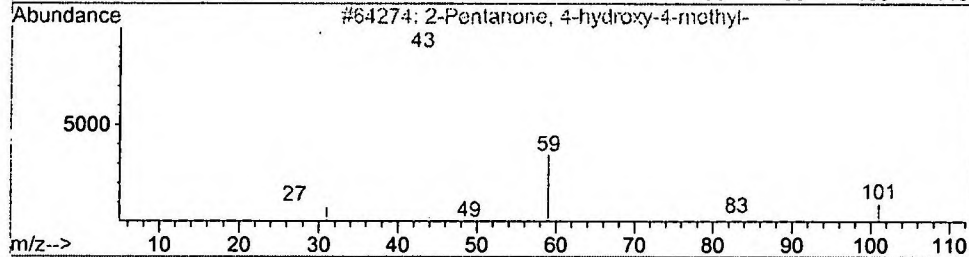
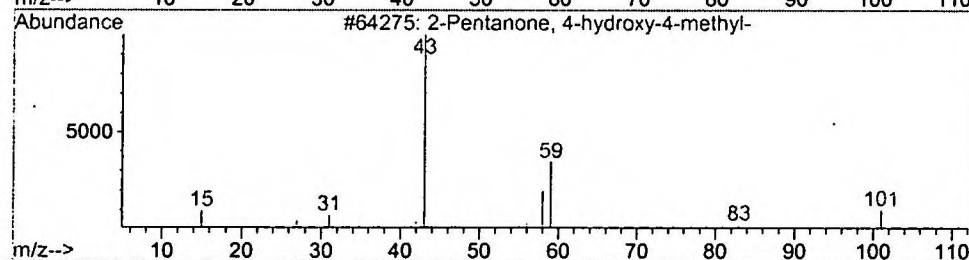
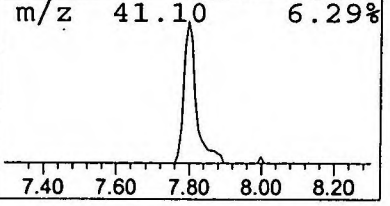
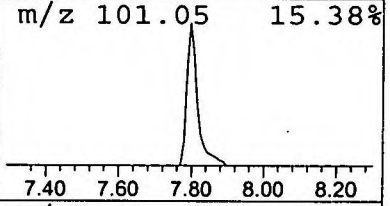
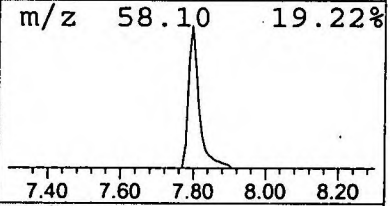
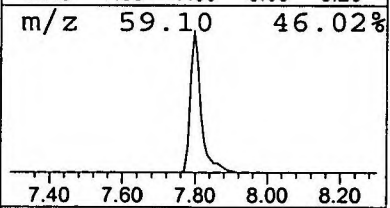
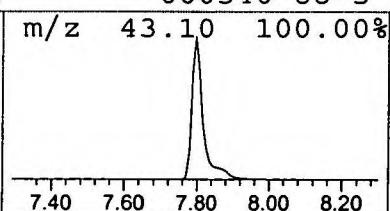
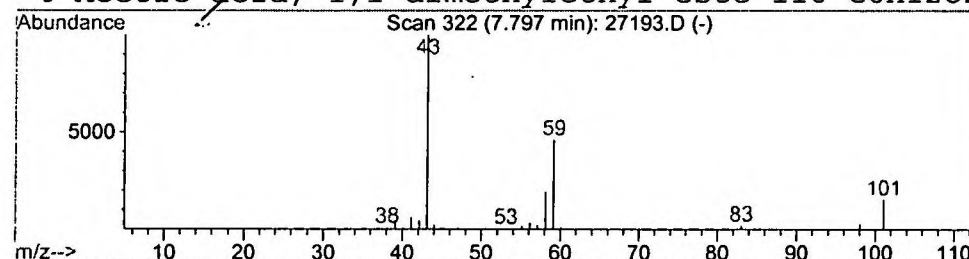
Vial: 4
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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.
7.80	2.73 ng/uL	783317	1,4-Dichlorobenzene-d4	11.83

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	43
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	25



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1201\27193.D
 Acq On : 12 Dec 2001 6:02 pm
 Sample : gc/ms unknown 11/14
 Misc :
 MS Integration Params: LSCINT.P

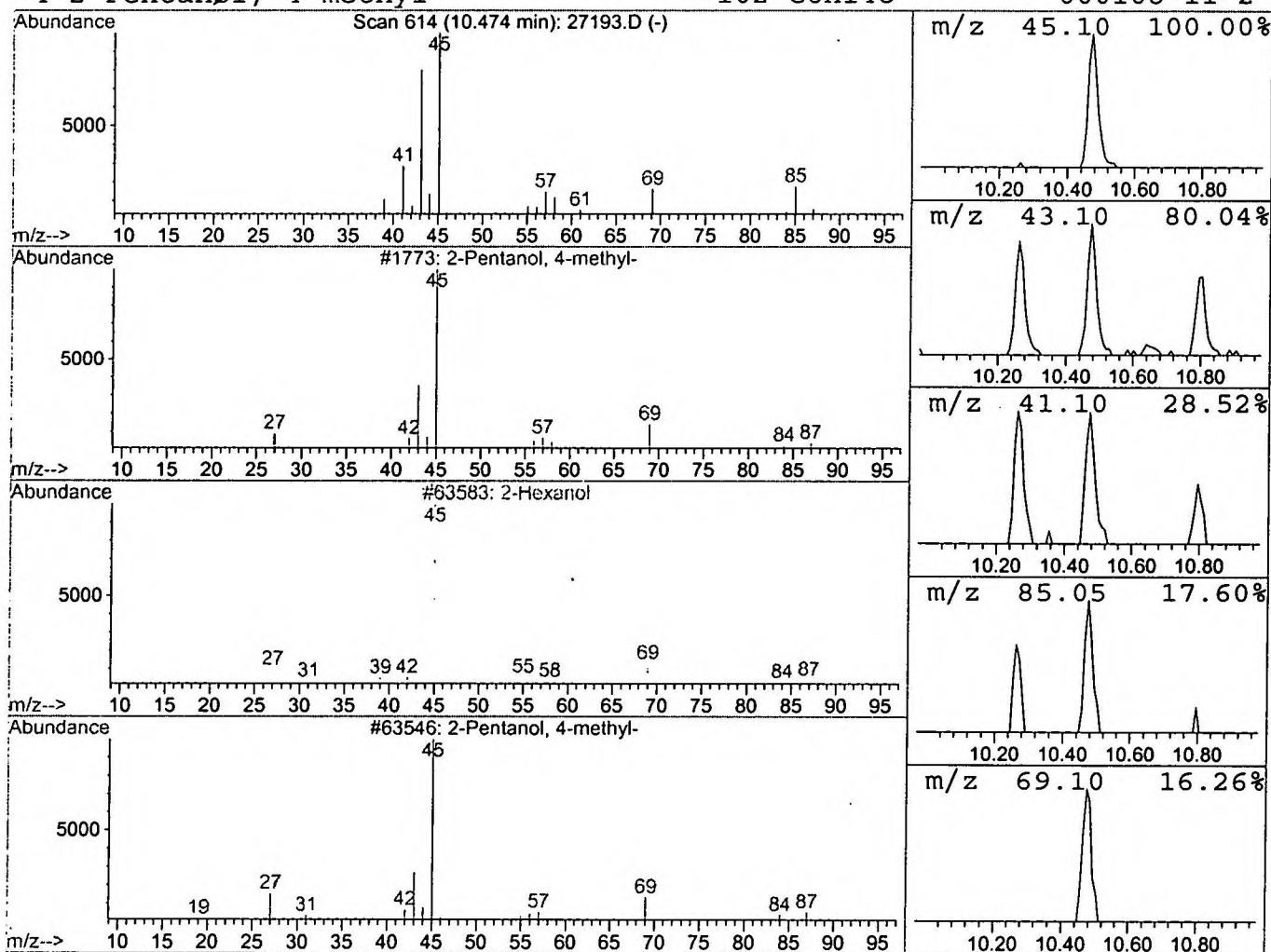
Vial: 4
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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-Pentanol, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.47	0.40 ng/uL	115166	1,4-Dichlorobenzene-d4	11.83

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	72
2			2-Hexanol	102	C6H14O	000626-93-7	64
3			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
4			2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 12 Dec 2001 6:02 pm
Data File: C:\HPCHEM\1\DATA\DEC1201\27193.D
Name: gc/ms 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	7.80	2.7	ng/uL	783317	ISTD01	11.83	5739790	20.0
2-Pentanol, 4-methyl	10.47	0.4	ng/uL	115166	ISTD01	11.83	5739790	20.0

27193.D NP112701.M Fri Dec 14 10:07:15 2001