

User: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 15:20:52

Sample: AD28048
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/2/02 15:19 Ended: 1/2/02 15:19 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 AD28048 - Analysis \$GCMS

Westchester Dept. of Labs & Research

Analyst: Galos, Marie

Date: 01-02-2002 Time: 15:21:21

Mass 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\28048.D

Vial: 33

Acq On : 21 Dec 2001 11:23 pm

Operator: GALOS

Sample : gcms unknown 11/21

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:34 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	11.79	152	1068935	20.00	ng/uL	-0.15
19) Naphthalene-d8	15.40	136	4253821	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.69	164	1857300m	20.00	ng/uL	-0.14
49) Phenanthrene-d10	25.10	188	2752034	20.00	ng/uL	-0.15
59) Chrysene-d12	33.09	240	1952831	20.00	ng/uL	-0.15
68) Perylene-d12	37.17	264	1287183	20.00	ng/uL	-0.16

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	1012	0.01	ng/uL	0.37
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	0.00	172	0d	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

28048.D NP112701.M

Thu Dec 27 08:35:19 2001

Page 1

Quantitation Report

(QT Reviewed)

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Vial: 33

Acq On : 21 Dec 2001 11:23 pm

Operator: GALOS

Sample : gcms unknown 11/21

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:34 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	15.41	93	306	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	25.10	178	340	N.D.		
56) Anthracene	25.10	178	340	N.D.		
57) Di-n-butylphthalate	27.08	149	34928	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

28048.D NP112701.M Thu Dec 27 08:35:21 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\28048.D

Vial: 33

Acq On : 21 Dec 2001 11:23 pm

Operator: GALOS

Sample : gcms unknown 11/21

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:34 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	33.10	228	4059	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.36	149	1575	N.D.		
67) Chrysene	33.10	228	4059	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	37.17	252	4616	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

28048.D NP112701.M

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28048.D

Acq On : 21 Dec 2001 11:23 pm

Sample : gcms unknown 11/21

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:34 2001

Vial: 33

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

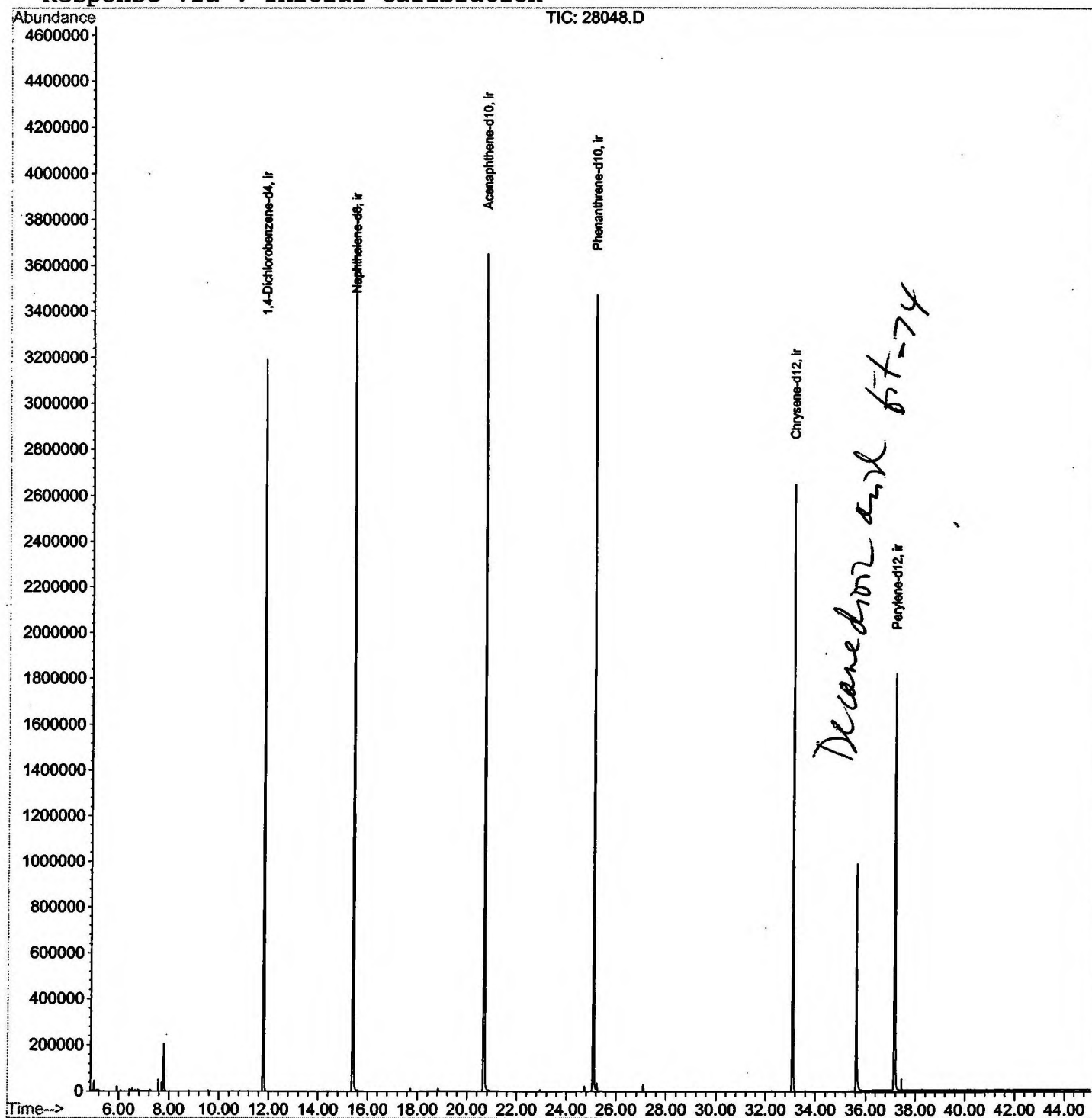
Quant Results File: NP112701.RES

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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28048.D

Acq On : 21 Dec 2001 11:23 pm

Sample : gcms unknown 11/21

Misc :

MS Integration Params: LSCINT.P

Vial: 33

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	7.783	317	321	332	rVB	207119	417829	4.78%	0.905%
2	11.791	753	758	769	rVB	3186812	6676395	76.36%	14.466%
3	15.404	1145	1152	1163	rBV	3865134	8742791	100.00%	18.944%
4	20.686	1719	1728	1745	rBV	3651936	8468119	96.86%	18.348%
5	25.096	2200	2209	2218	rBV2	3472498	7984603	91.33%	17.301%
6	33.093	3074	3081	3093	rBV2	2649051	6525323	74.64%	14.139%
7	35.624	3350	3357	3373	rBV	988379	2264557	25.90%	4.907%
8	37.173	3517	3526	3539	rBV2	1813413	5071988	58.01%	10.990%

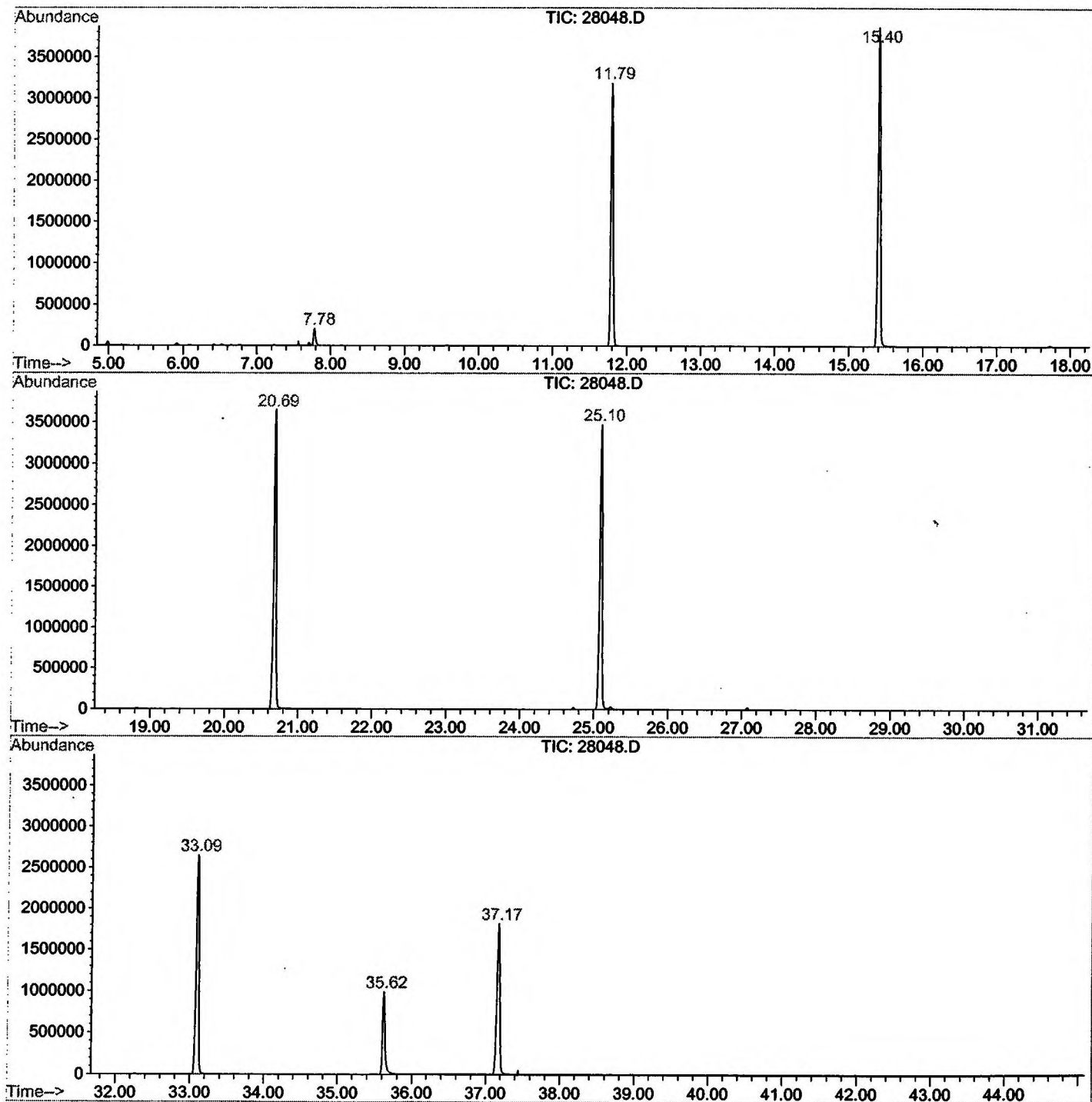
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28048.D NP112701.M

Thu Dec 27 08:39:10 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28048.D
Operator : GALOS
Acquired : 21 Dec 2001 11:23 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/21
Misc Info :
Vial Number: 33
Quant File :NP112701.RES (RTE Integrator)



28048.D NP112701.M

Thu Dec 27 08:39:13 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28048.D
Acq On : 21 Dec 2001 11:23 pm
Sample : gcms unknown 11/21
Misc :
MS Integration Params: LSCINT.P

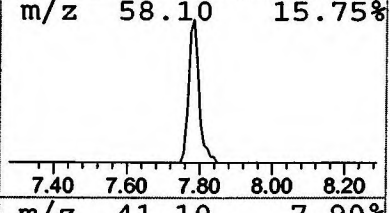
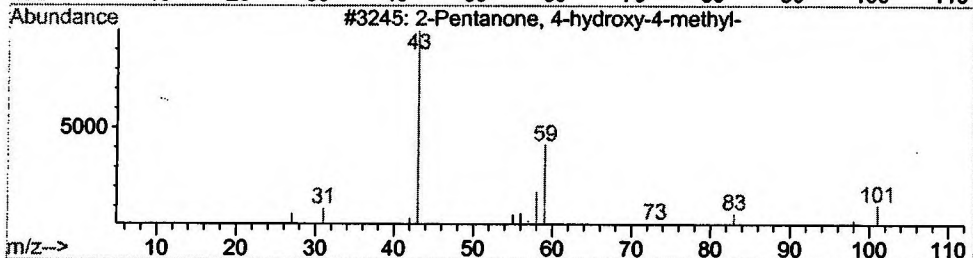
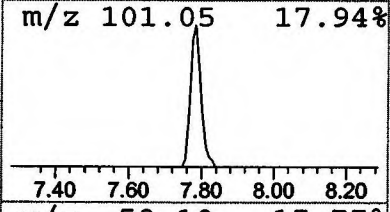
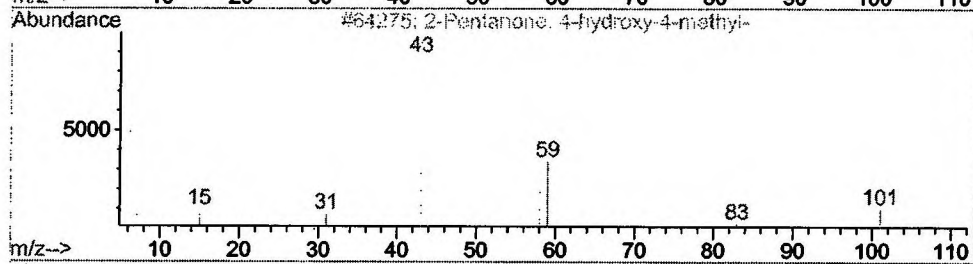
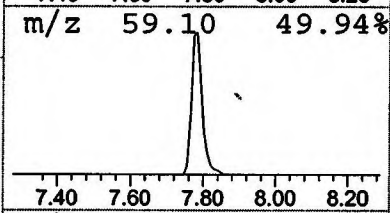
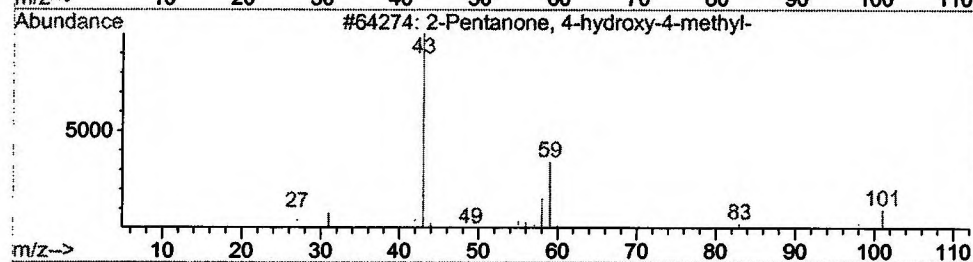
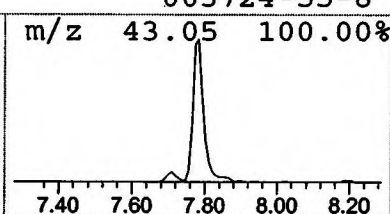
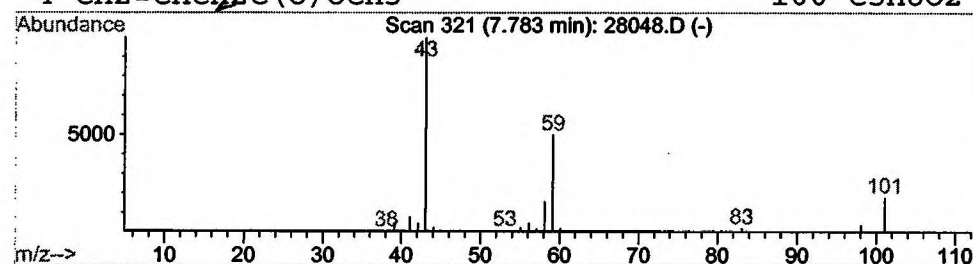
Vial: 33
Operator: GALOS
Inst. : GC/MS Ins
Multiplr: 1.00

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 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	1.25 ng/uL	417829	1,4-Dichlorobenzene-d4	11.79

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	53		
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43		
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10		



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28048.D
Acq On : 21 Dec 2001 11:23 pm
Sample : gcms unknown 11/21
Misc :
MS Integration Params: LSCINT.P

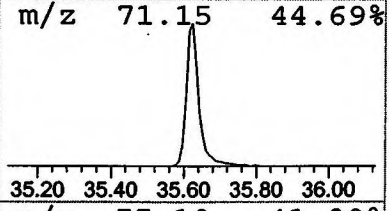
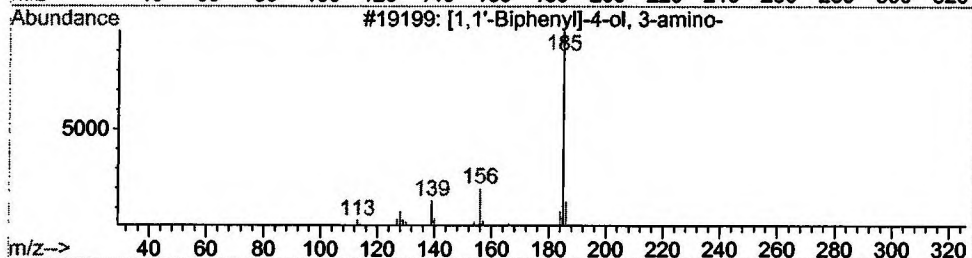
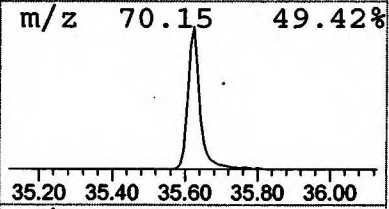
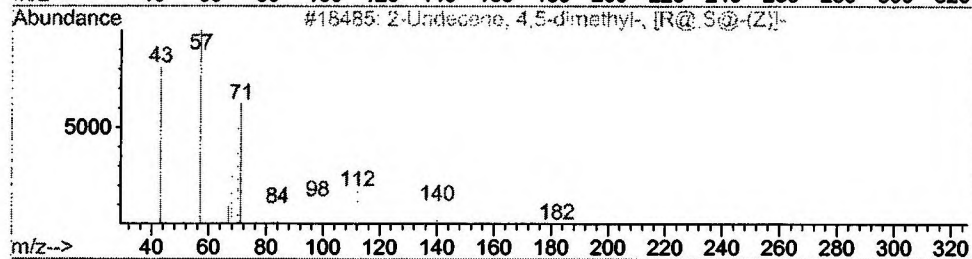
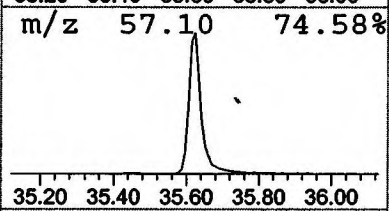
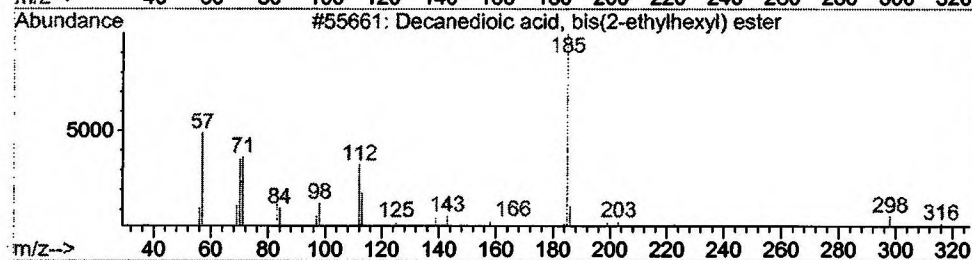
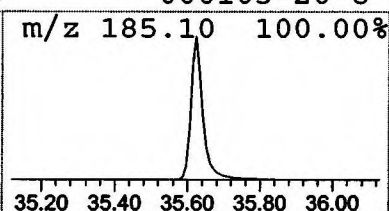
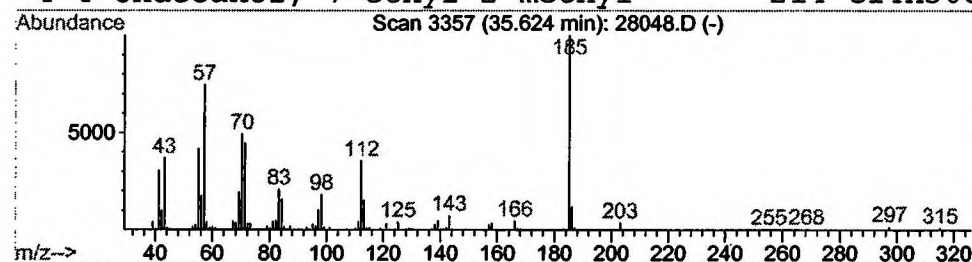
Vial: 33
Operator: GALOS
Inst. : GC/MS Ins
Multiplr: 1.00

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

Peak Number 2 Decanedioic acid, bis(2-ethylh Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.62	8.93 ng/uL	2264560	Perylene-d12	37.17

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	74
2		2-Undecene, 4,5-dimethyl-, [R@,S@]-(	182	C13H26	055170-93-9	32
3		[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	22
4		4-Undecanol, 7-ethyl-2-methyl-	214	C14H30O	000103-20-8	16



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 21 Dec 2001 11:23 pm
 Data File: C:\HPCHEM\1\DATA\DEC2101\28048.D
 Name: gcms unknown 11/21
 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	7.78	1.3	ng/uL	417829	ISTD01	11.79	6676400	20.0
Decanedioic acid, bi	35.62	8.9	ng/uL	2264560	ISTD06	37.17	5071990	20.0

28048.D NP112701.M Thu Dec 27 08:39:19 2001