

Jser: Galos, Marie
 Westchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 12:33:11

Sample: AD27953
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/2/02 12:31 Ended: 1/2/02 12:31 Analyst: MG
 Page: 1

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

Comments for Sample AD27953 - Analysis \$GCMS

Westchester Dept. of Labs & Research

Analyst: Galos, Marie

Date: 01-02-2002 Time: 12:33:49

GC/MS 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\DEC1901\27953.D

Vial: 9

Acq On : 20 Dec 2001 11:27 pm

Operator: GALOS

Sample : gcms unknown 11/20

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:47 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	1466226	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.48	136	5838655	20.00	ng/uL	-0.07
31) Acenaphthene-d10	20.75	164	2585649	20.00	ng/uL	-0.07
49) Phenanthrene-d10	25.17	188	3838096	20.00	ng/uL	-0.07
59) Chrysene-d12	33.17	240	2692382	20.00	ng/uL	-0.07
68) Perylene-d12	37.26	264	1491641	20.00	ng/uL	-0.07

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	1221	0.01	ng/uL	0.44
Spiked Amount	75.000	Range	34 - 84	Recovery	=	0.01%#
7) 1,2-Dichlorobenzene-d4	12.07	152	636	0.01	ng/uL	-0.39
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	3607	0.02	ng/uL	0.06
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

27953.D NP112701.M

Fri Dec 21 09:51:22 2001

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27953.D

Vial: 9

Acq On : 20 Dec 2001 11:27 pm

Operator: GALOS

Sample : gcms unknown 11/20

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:47 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	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	25.16	178	1030	N.D.		
56) Anthracene	25.16	178	1030	N.D.		
57) Di-n-butylphthalate	27.14	149	7816	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\DEC1901\27953.D

Vial: 9

Acq On : 20 Dec 2001 11:27 pm

Operator: GALOS

Sample : gcms unknown 11/20

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:47 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	33.17	228	5885	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.42	149	21074	N.D.		
67) Chrysene	33.17	228	5885	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	37.26	252	5792	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

27953.D NP112701.M Fri Dec 21 09:51:25 2001

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27953.D

Acq On : 20 Dec 2001 11:27 pm

Sample : gcms unknown 11/20

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 21 9:47 2001

Vial: 9

Operator: GALOS

Inst : GC/MS Ins

MultipIr: 1.00

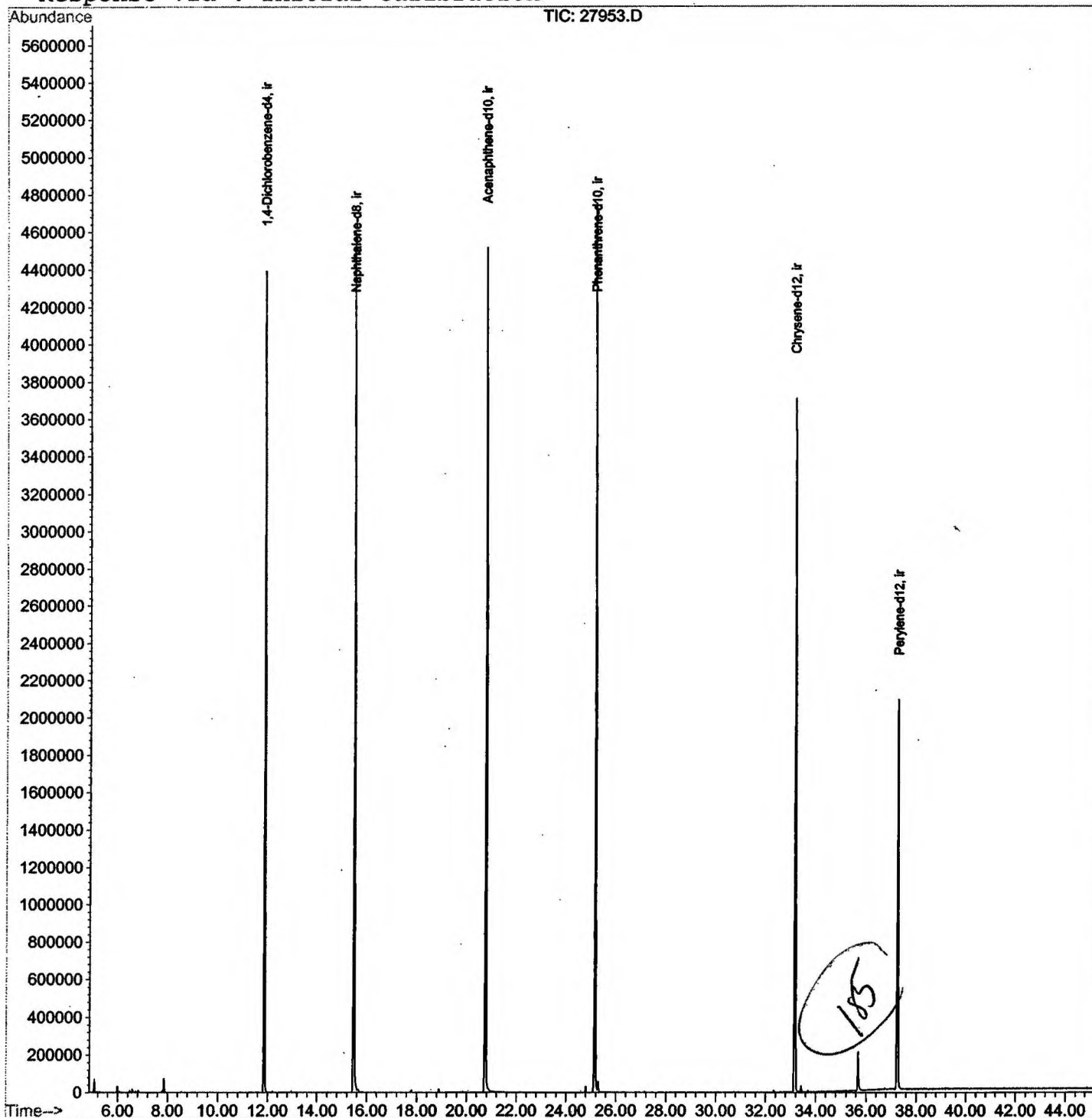
Quant Results File: NP112701.RES

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\DEC1901\27953.D

Acq On : 20 Dec 2001 11:27 pm

Sample : gcms unknown 11/20

Misc :

MS Integration Params: LSCINT.P

Vial: 9

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	5.059	18	24	28	rVB	71171	133842	1.12%	0.224%
2	7.856	324	329	341	rVB	76176	158412	1.32%	0.265%
3	11.863	760	766	780	rBV	4394760	9158514	76.50%	15.303%
4	15.476	1152	1160	1176	rBV	4596765	11971590	100.00%	20.004%
5	20.749	1726	1735	1762	rBV	4516348	11714352	97.85%	19.574%
6	25.169	2207	2217	2227	rBV2	4755429	11060874	92.39%	18.482%
7	25.297	2227	2231	2238	rVB2	53650	127751	1.07%	0.213%
8	33.174	3081	3090	3102	rBV2	3707127	9036338	75.48%	15.099%
9	35.687	3358	3364	3377	rBV	207359	522715	4.37%	0.873%
10	37.264	3526	3536	3549	rBV2	2075433	5961731	49.80%	9.962%

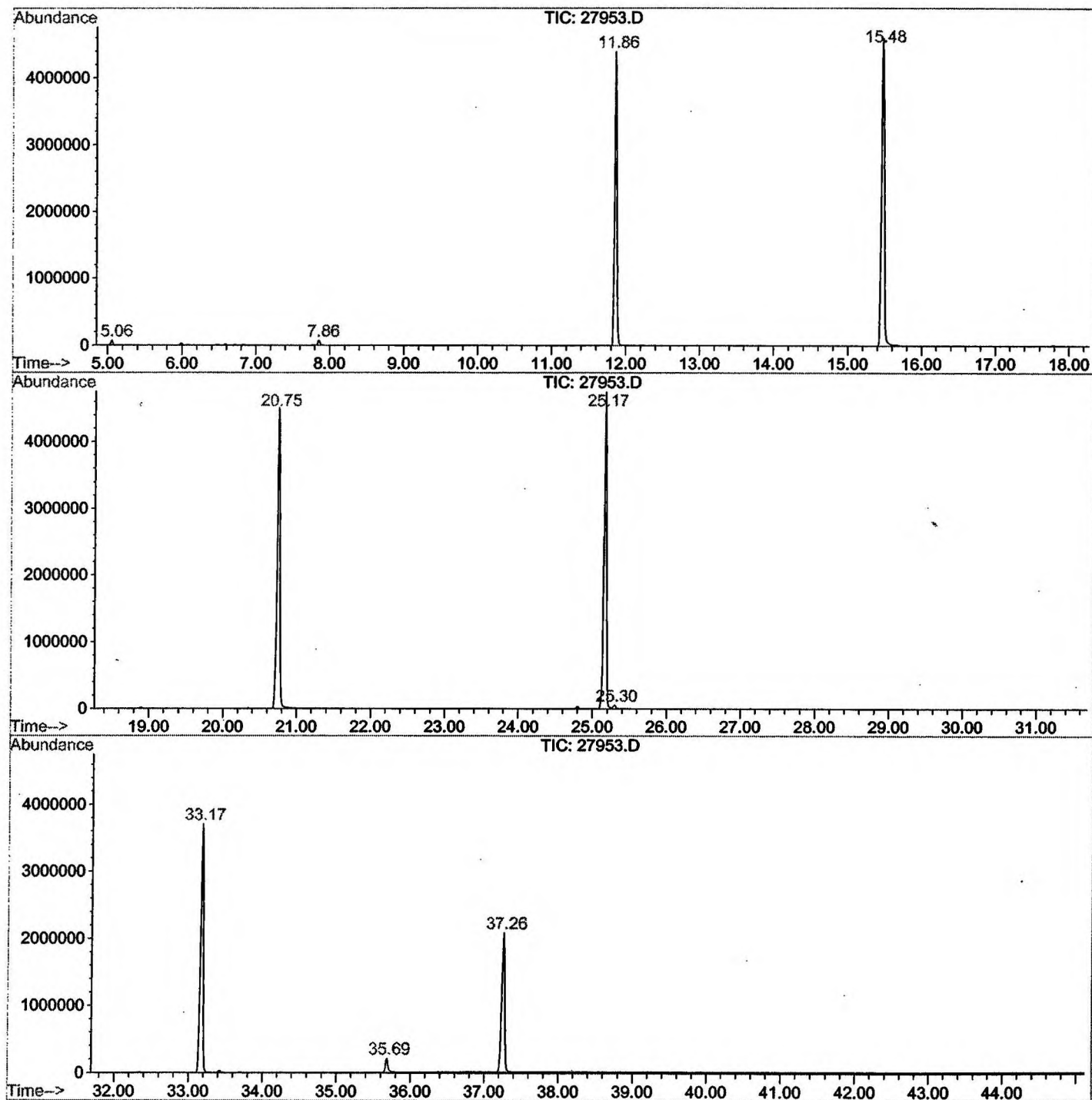
Sum of corrected areas: 59846119

27953.D NP112701.M

Fri Dec 21 09:58:47 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27953.D
Operator : GALOS
Acquired : 20 Dec 2001 11:27 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/20
Misc Info :
Vial Number: 9
Quant File :NP112701.RES (RTE Integrator)



27953.D NP112701.M

Fri Dec 21 09:58:49 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27953.D
 Acq On : 20 Dec 2001 11:27 pm
 Sample : gcms unknown 11/20
 Misc :
 MS Integration Params: LSCINT.P

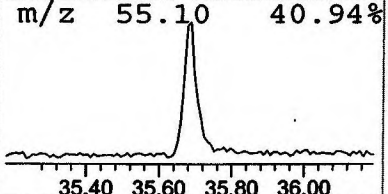
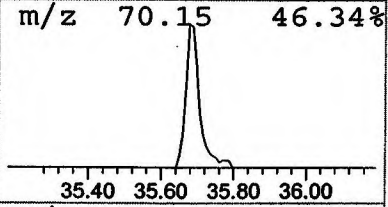
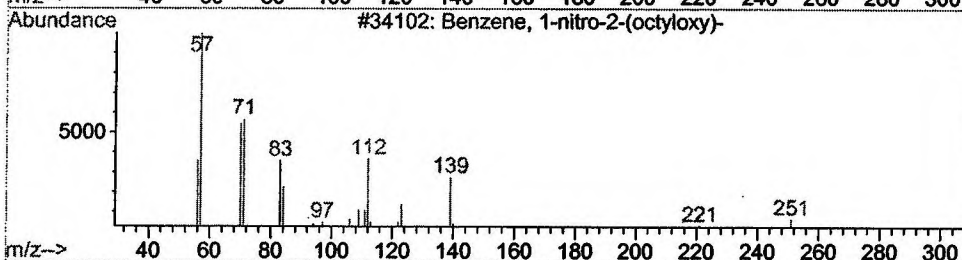
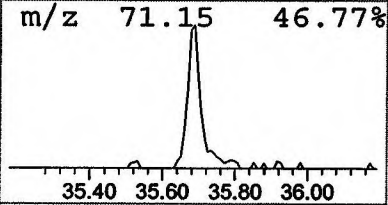
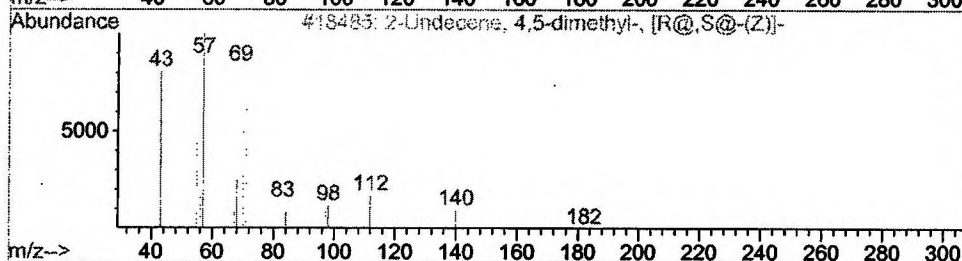
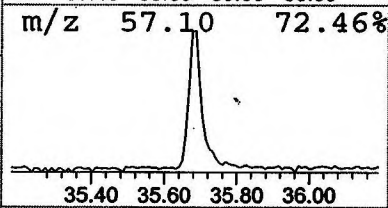
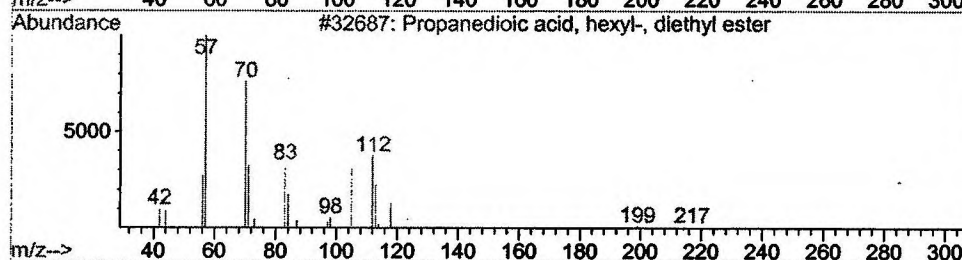
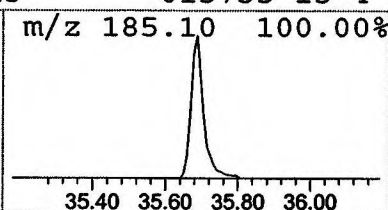
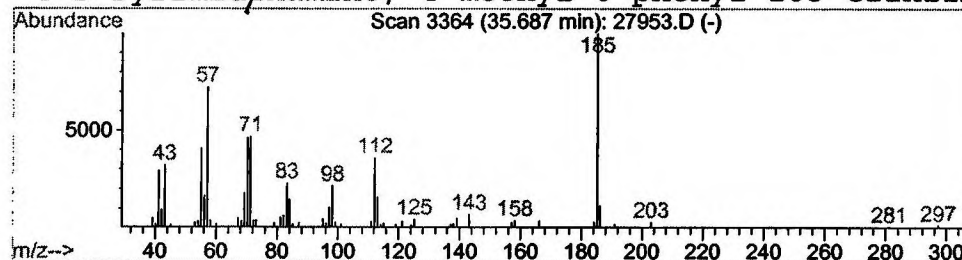
Vial: 9
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

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

 Peak Number 1 Propanedioic acid, hexyl-, die Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.69	1.75 ng/uL	522715	Perylene-d12	37.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	35
2			2-Undecene, 4,5-dimethyl-, [R@,S@-(	182	C13H26	055170-93-9	25
3			Benzene, 1-nitro-2-(octyloxy)-	251	C14H21NO3	037682-29-4	23
4			2-Pyrimidinamine, 4-methyl-6-phenyl	185	C11H11N3	015755-15-4	22



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 11:27 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\27953.D
Name: gcms unknown 11/20
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
Propanedioic acid, h	35.69	1.8	ng/uL	522715	ISTD06	37.26	5961730	20.0

27953.D NP112701.M Fri Dec 21 09:58:53 2001