

Jser: Galos, Marie
 Vestchester Dept. of Labs & Research
 Date: 01/02/2002 Time: 15:15:48

Sample: AD28044
 Analysis: \$GCMS GCMS Scan For Unknowns
 Units: ug
 Started: 1/2/02 15:13 Ended: 1/2/02 15:13 Analyst: MG
 Page: 1

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

omments for Sample AD28044 - Analysis \$GCMS

/estchester Dept. of Labs & Research

ser: Galos, Marie

ate: 01-02-2002 Time: 15:16:09

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\28044.D

Vial: 35

Acq On : 22 Dec 2001 1:12 am

Operator: GALOS

Sample : gcms unknown 11/21

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:36 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	1117353	20.00	ng/uL	-0.15
19) Naphthalene-d8	15.40	136	4515571	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.68	164	1981121m	20.00	ng/uL	-0.14
49) Phenanthrene-d10	25.09	188	2930296	20.00	ng/uL	-0.15
59) Chrysene-d12	33.10	240	1981215	20.00	ng/uL	-0.15
68) Perylene-d12	37.17	264	1331001	20.00	ng/uL	-0.17

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	11.80	132	801	0.01	ng/uL	0.38
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

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Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\28044.D

Vial: 35

Acq On : 22 Dec 2001 1:12 am

Operator: GALOS

Sample : gcms unknown 11/21

Inst : GC/MS Ins

Misc :

Multiplr: 1.00

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:36 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	14.13	82	991	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.	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.	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	25.09	178	359	N.D.		
56) Anthracene	25.09	178	359	N.D.		
57) Di-n-butylphthalate	27.08	149	18889	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\DEC2101\28044.D

Acq On : 22 Dec 2001 1:12 am

Sample : gcms unknown 11/21

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:36 2001

Vial: 35

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	33.10	228	4782	N.D.		
66) Bis(2-ethylhexyl)phthalate	33.35	149	5109	N.D.		
67) Chrysene	33.10	228	4782	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	37.16	252	4655	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

28044.D NP112701.M

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Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28044.D

Acq On : 22 Dec 2001 1:12 am

Sample : gcms unknown 11/21

Misc :

MS Integration Params: RTEINT.P

Quant Time: Dec 27 8:36 2001

Vial: 35

Operator: GALOS

Inst : GC/MS Ins

Multiplr: 1.00

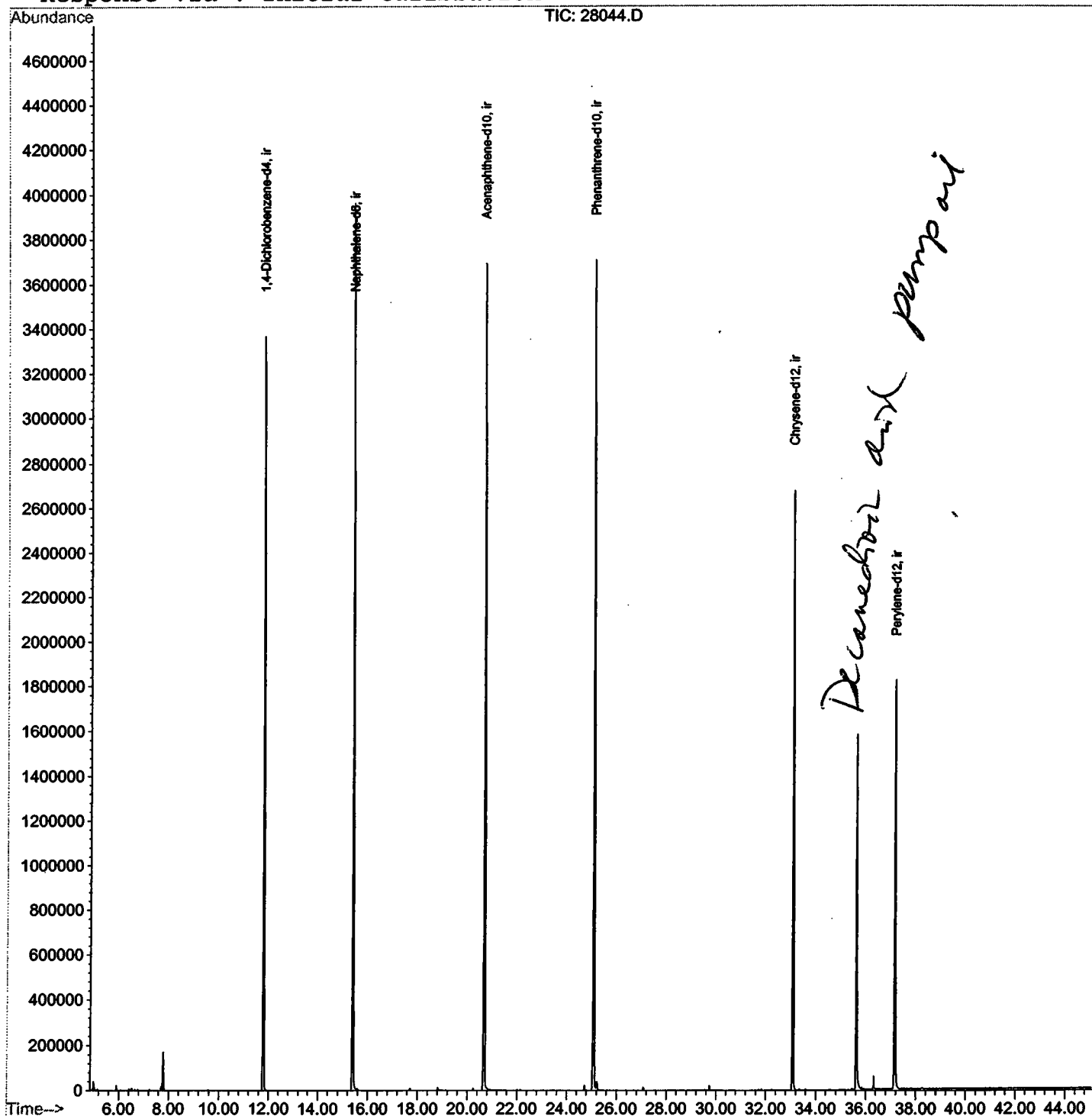
Quant Results File: NP112701.RES

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\28044.D

Acq On : 22 Dec 2001 1:12 am

Sample : gcms unknown 11/21

Misc :

MS Integration Params: LSCINT.P

Vial: 35

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

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	7.782	317	321	332	rVB	172378	342957	3.68%	0.693%
2	11.789	753	758	772	rVB	3367018	7047013	75.71%	14.238%
3	15.402	1145	1152	1169	rBV	3963364	9308180	100.00%	18.807%
4	20.675	1719	1727	1746	rBV	3693699	9005370	96.75%	18.195%
5	25.095	2200	2209	2219	rBV2	3708637	8437124	90.64%	17.047%
6	33.100	3074	3082	3096	rBV2	2677374	6651652	71.46%	13.439%
7	35.622	3351	3357	3371	rBV	1580229	3495407	37.55%	7.062%
8	37.172	3517	3526	3538	rBV2	1817416	5206351	55.93%	10.519%

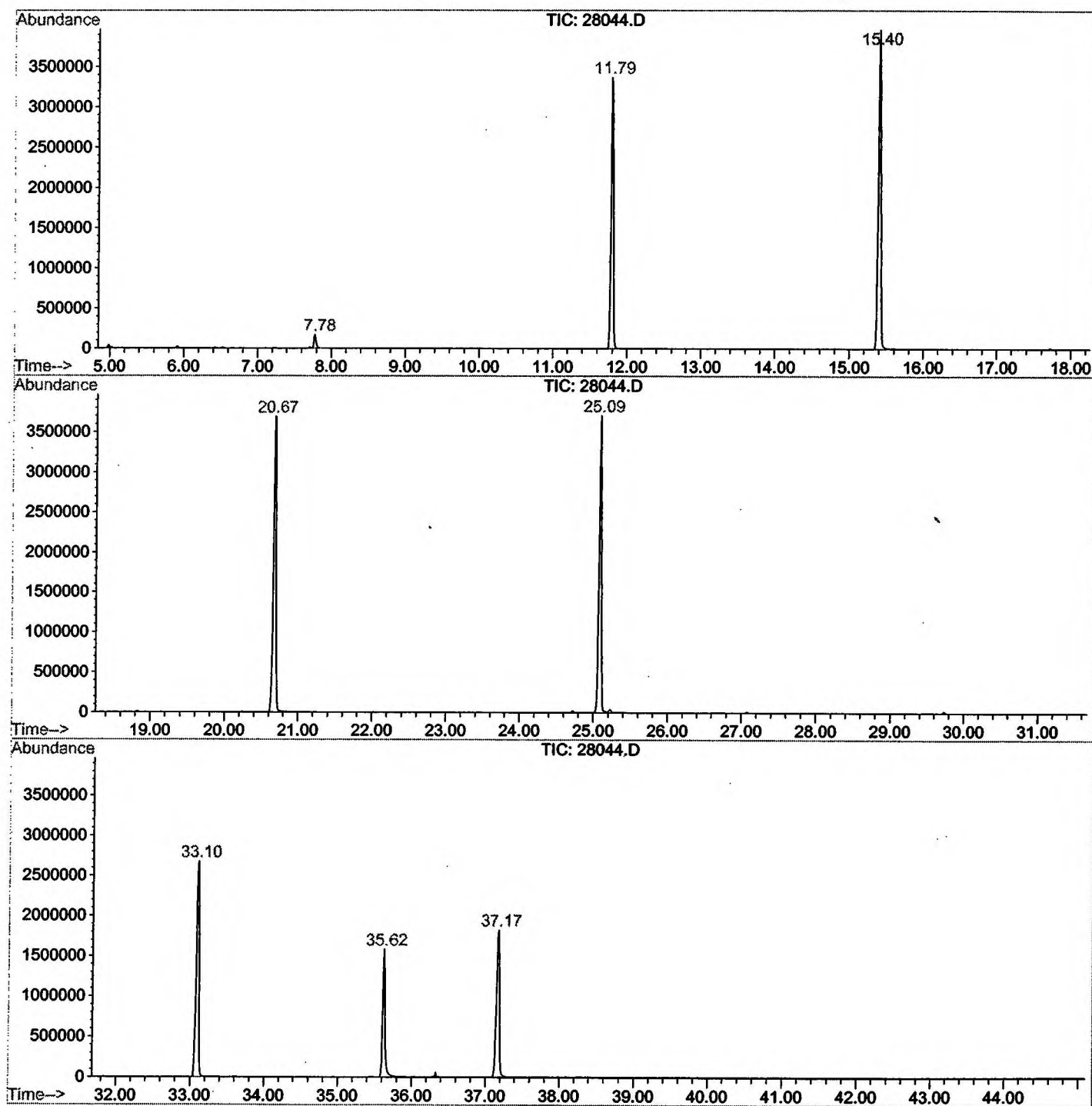
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28044.D NP112701.M

Thu Dec 27 08:38:03 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28044.D
Operator : GALOS
Acquired : 22 Dec 2001 1:12 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/21
Misc Info :
Vial Number: 35
Quant File :NP112701.RES (RTE Integrator)



28044.D NP112701.M

Thu Dec 27 08:38:05 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28044.D
 Acq On : 22 Dec 2001 1:12 am
 Sample : gcms unknown 11/21
 Misc :
 MS Integration Params: LSCINT.P

Vial: 35
 Operator: GALOS
 Inst : GC/MS Ins
 Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)

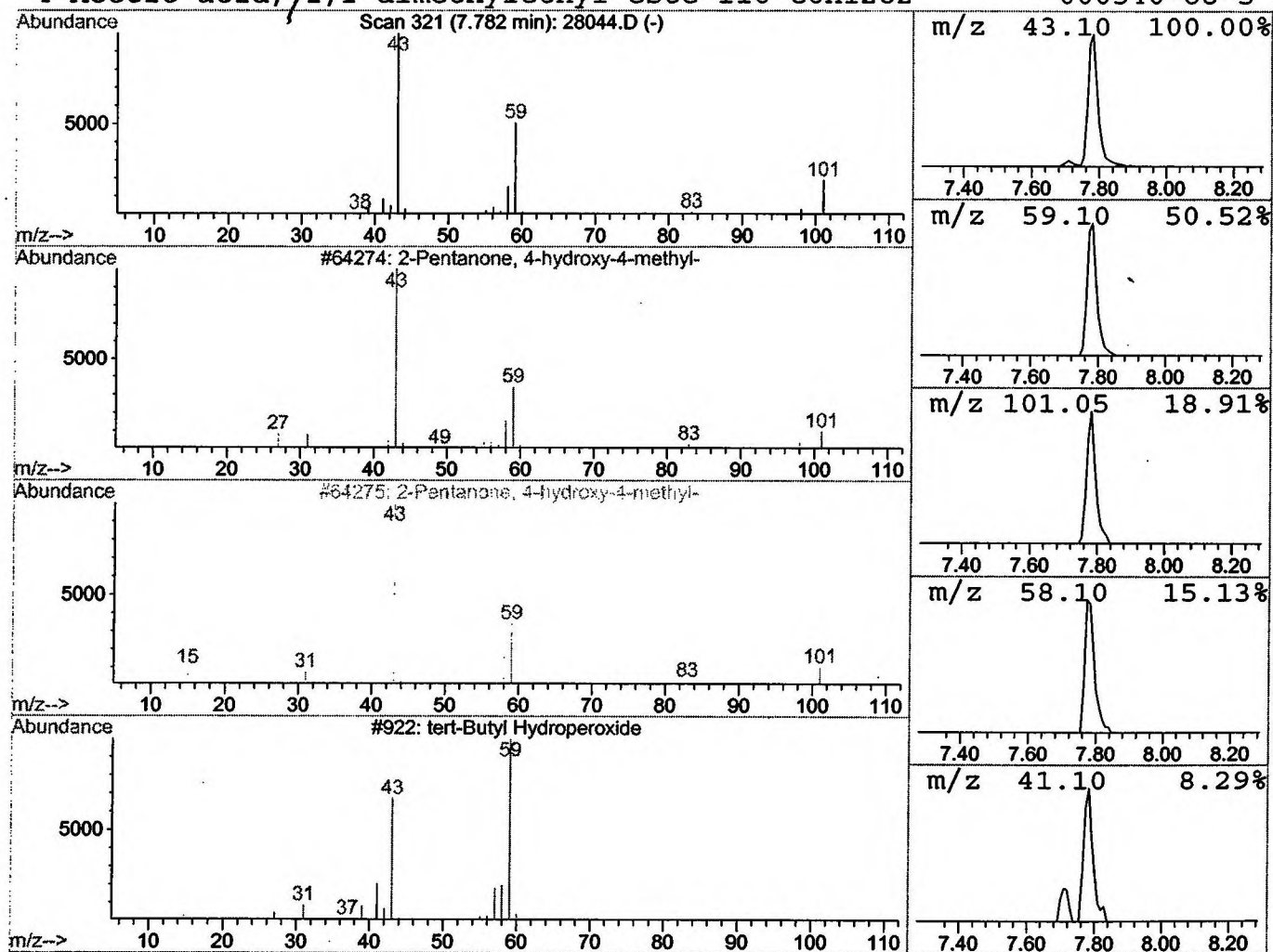
Title : 208 625/TCLP calibration table

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	0.97 ng/uL	342957	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	45
2			2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	38
3			tert-Butyl Hydroperoxide	90	C4H10O2	000075-91-2	33
4			Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28044.D
Acq On : 22 Dec 2001 1:12 am
Sample : gcms unknown 11/21
Misc :
MS Integration Params: LSCINT.P

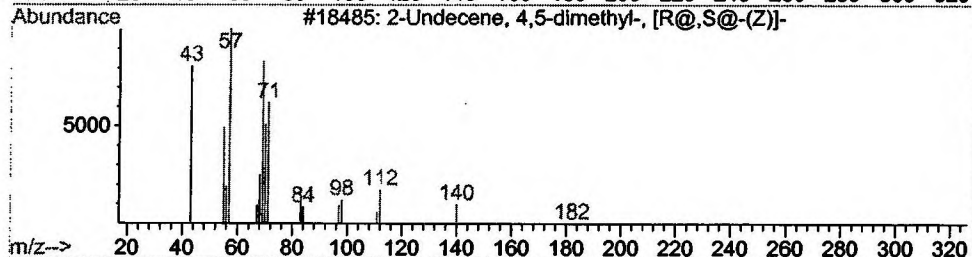
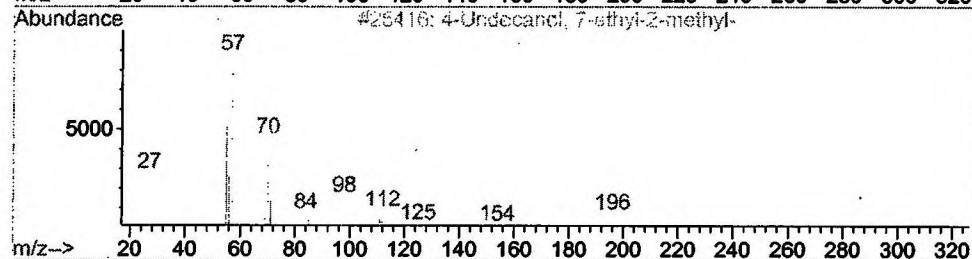
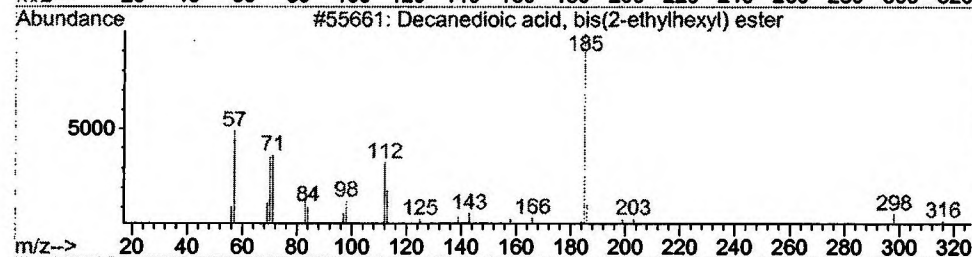
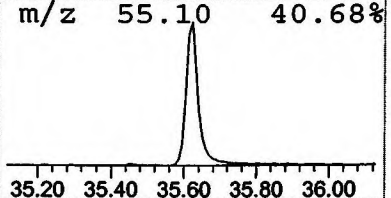
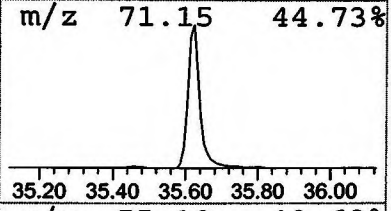
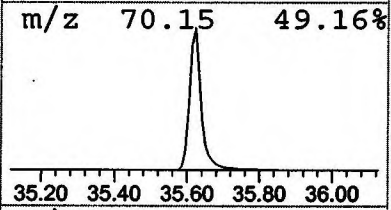
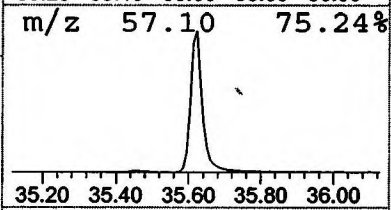
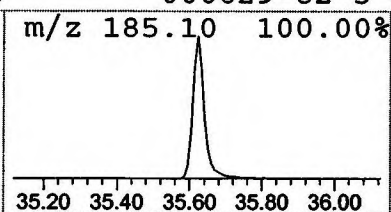
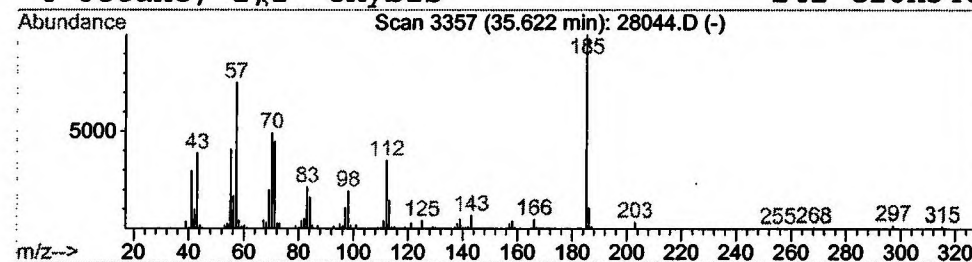
Vial: 35
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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	13.43 ng/uL	3495410	Perylene-d12	37.17

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	72
2			4-Undecanol, 7-ethyl-2-methyl-	214	C14H30O	000103-20-8	25
3			2-Undecene, 4,5-dimethyl-, [R@,S@-(	182	C13H26	055170-93-9	25
4			Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	14



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 22 Dec 2001 1:12 am
Data File: C:\HPCHEM\1\DATA\DEC2101\28044.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	1.0	ng/uL	342957	ISTD01	11.79	7047010	20.0
Decanedioic acid, bi	35.62	13.4	ng/uL	3495410	ISTD06	37.17	5206350	20.0

28044.D NP112701.M Thu Dec 27 08:38:11 2001