User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 11:15:22

Sample: AD28322
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 11:13 Ended: 1/3/02 11:13 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 AD28322 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Iser: Galos, Marie
)ate: 01-03-2002 Time: 11:15:33

, scan of the extract prepared for the 508 analysis, from 35-550 amu using a
1ass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2801\28322.D Vial: 12
Acq On : 28 Dec 2001 5:57 pm Operator: GALOS
Sample : gcms unknown 11/28 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 31 10:01 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	11.83	152	704397	20.00	ng/uL	-0.10
19) Naphthalene-d8	15.44	136	2832352	20.00	ng/uL	-0.11
31) Acenaphthene-d10	20.71	164	1275822	20.00	ng/uL	-0.11
49) Phenanthrene-d10	25.12	188	1884278	20.00	ng/uL	-0.12
59) Chrysene-d12	33.13	240	1283040	20.00	ng/uL	-0.12
68) Perylene-d12	37.20	264	795777	20.00	ng/uL	-0.14
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	309	0.01	ng/uL	0.40
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	0	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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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	0.00	178	0	N.D.	
56)	Anthracene	0.00	178	0	N.D.	
57)	Di-n-butylphthalate	27.11	149	22449	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2801\28322.D Vial: 12
Acq On : 28 Dec 2001 5:57 pm Operator: GALOS
Sample : gcms unknown 11/28 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 31 10:01 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

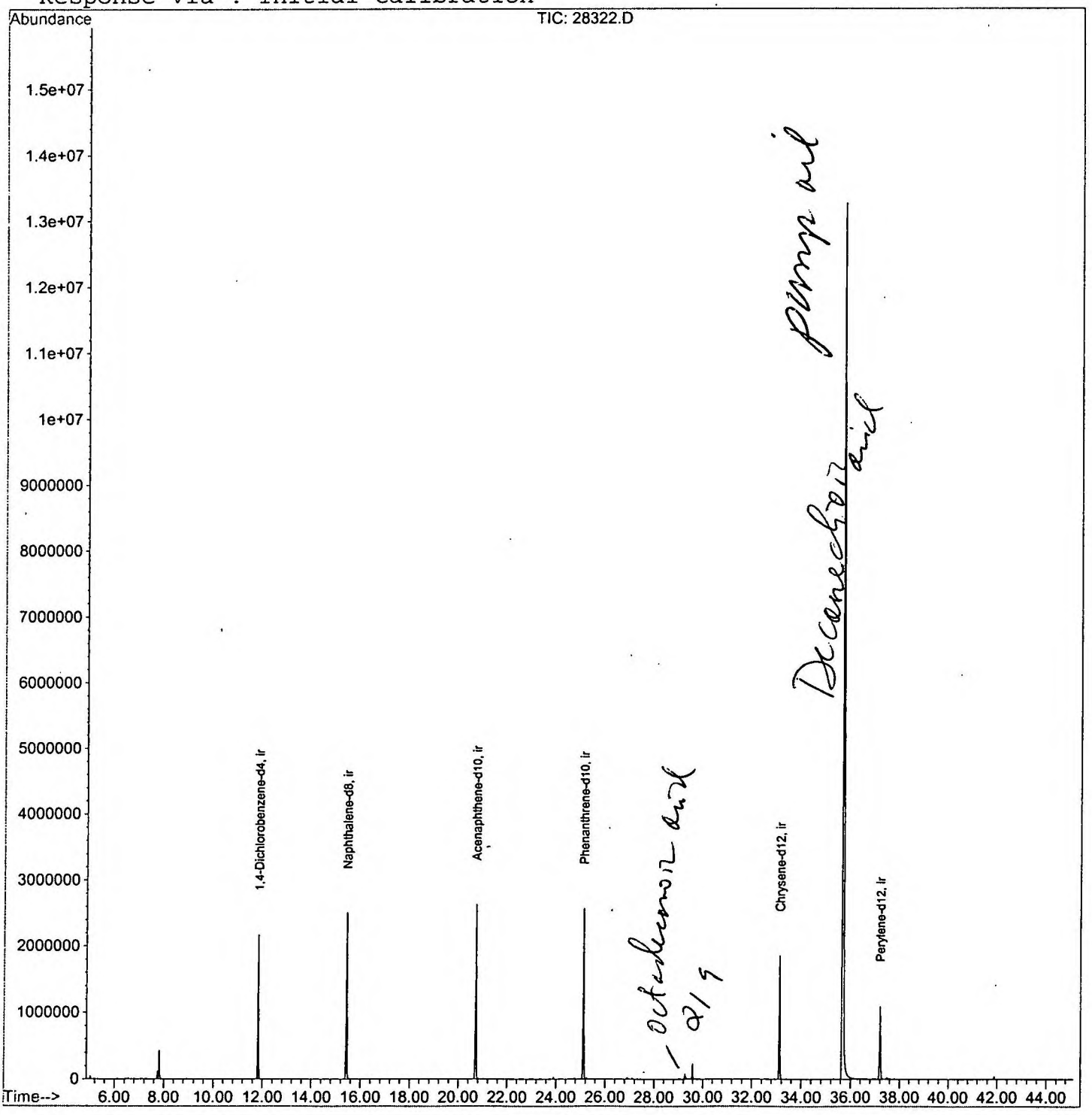
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	29.58	202	358	N.D.	
64)	Butylbenzylphthalate	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.13	228	2454	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.39	149	6194	N.D.	
67)	Chrysene	33.13	228	2454	N.D.	
69)	Di-n-Octylphthalate	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	2519	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

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2801\28322.D Vial: 12
Acq On : 28 Dec 2001 5:57 pm Operator: GALOS
Sample : gcms unknown 11/28 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 31 10:01 2001 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\DEC2801\28322.D Vial: 12
Acq On : 28 Dec 2001 5:57 pm Operator: GALOS
Sample : gcms unknown 11/28 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

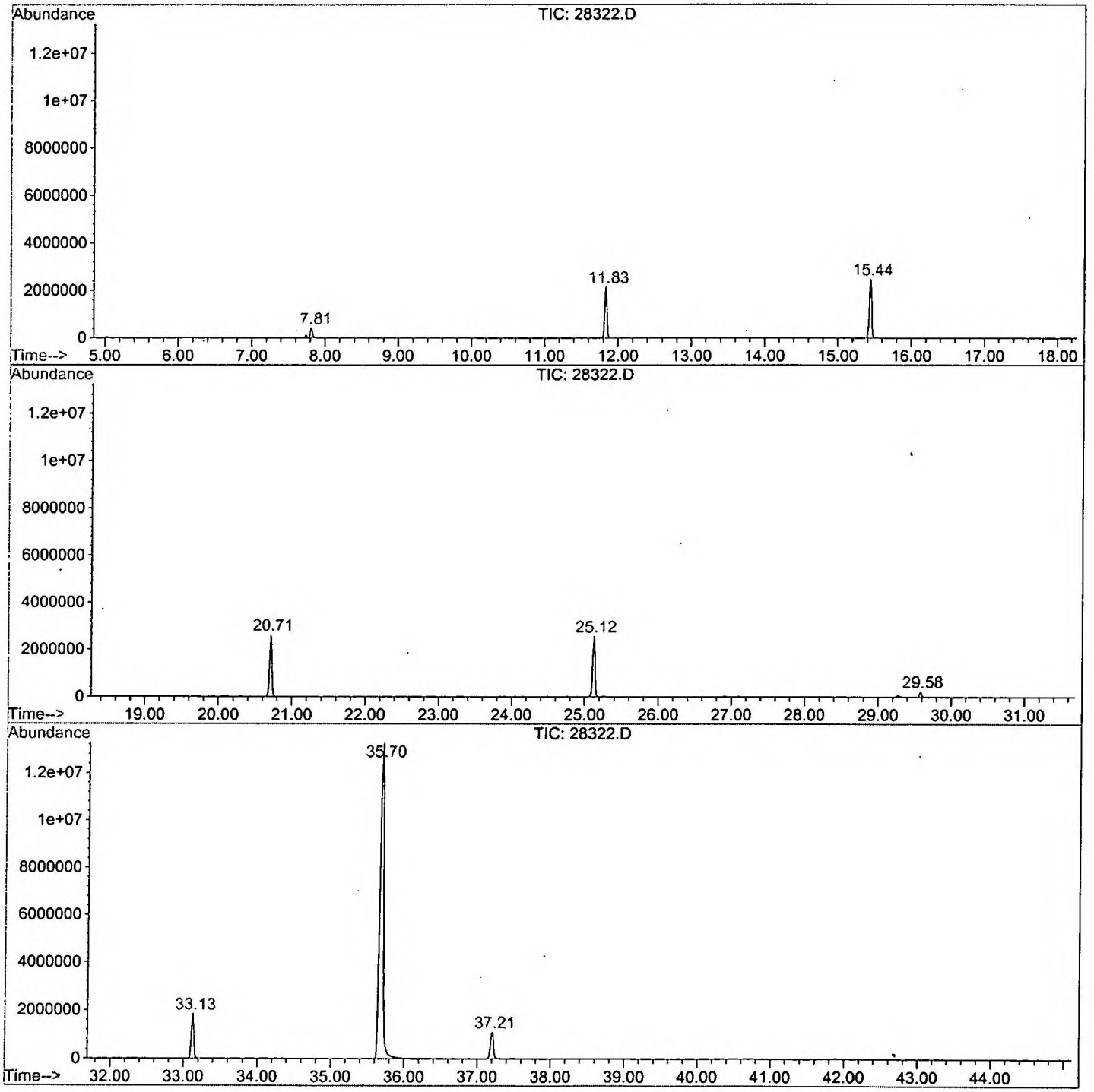
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.809	321	324	338	rVB	432646	869426	1.92%	1.156%
2	11.835	757	763	774	rBV	2170828	4440868	9.83%	5.905%
3	15.439	1149	1156	1174	rBV	2501797	5837792	12.92%	7.763%
4	20.712	1723	1731	1748	rBV	2630311	5591010	12.37%	7.434%
5	25.122	2204	2212	2224	rBV2	2571689	5427580	12.01%	7.217%
6	29.579	2693	2698	2705	rVB	236606	454355	1.01%	0.604%
7	33.128	3078	3085	3096	rBV2	1855674	4322536	9.57%	5.748%
8	35.696	3353	3365	3399	rBV	13274338	45182200	100.00%	60.080%
9	37.209	3522	3530	3544	rBV2	1094479	3078224	6.81%	4.093%

Sum of corrected areas: 75203991

28322.D NP112701.M Mon Dec 31 10:14:56 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2801\28322.D
Operator : GALOS
Acquired : 28 Dec 2001 5:57 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/28
Misc Info :
Vial Number: 12
Quant File :NP112701.RES (RTE Integrator)



28322.D NP112701.M Mon Dec 31 10:15:02 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2801\28322.D
Acq On : 28 Dec 2001 5:57 pm
Sample : gcms unknown 11/28
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

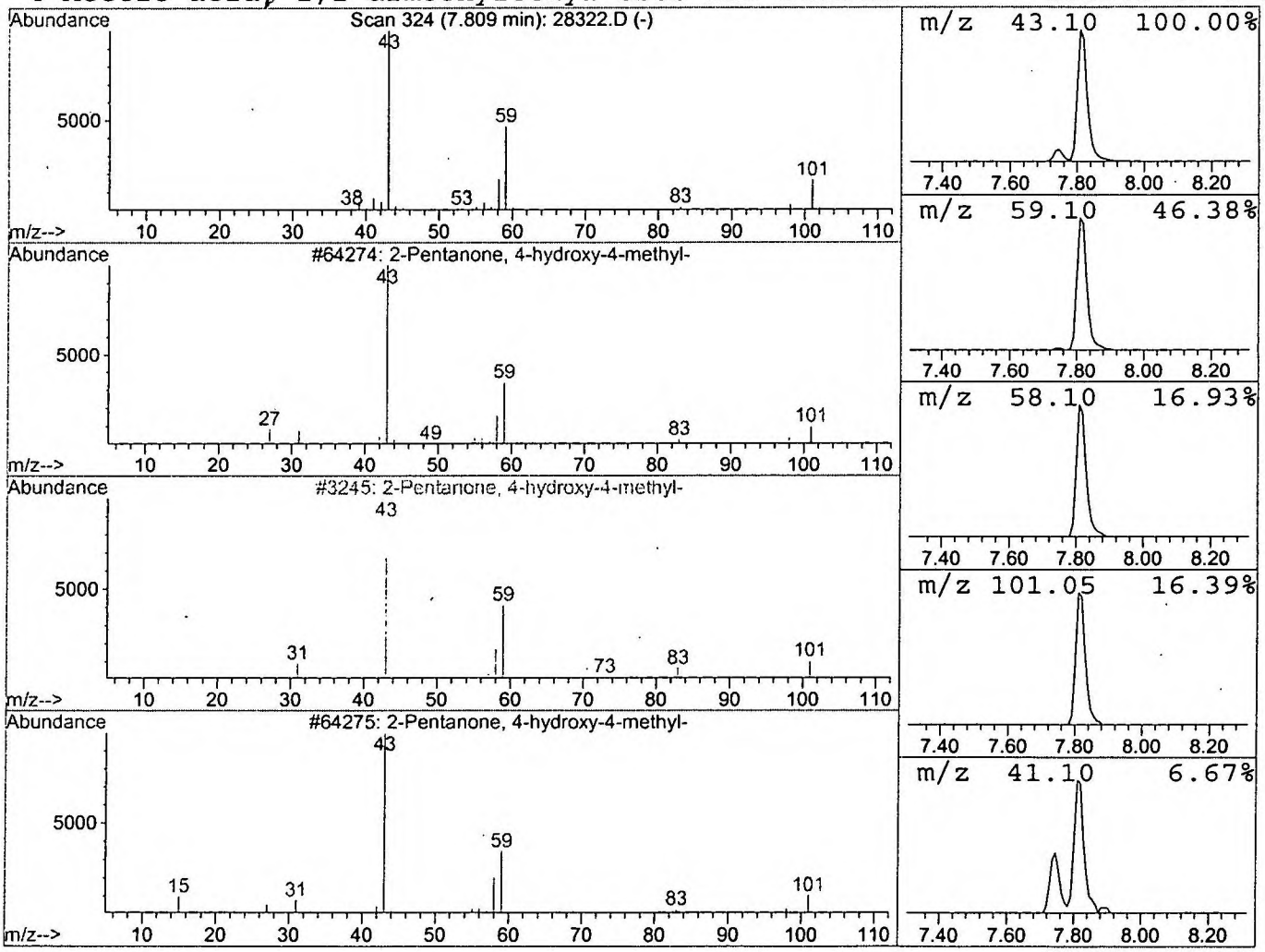
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.81	3.92 ng/uL	869426	1,4-Dichlorobenzene-d4.	11.84

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	38
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2801\28322.D
Acq On : 28 Dec 2001 5:57 pm
Sample : gcms unknown 11/28
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

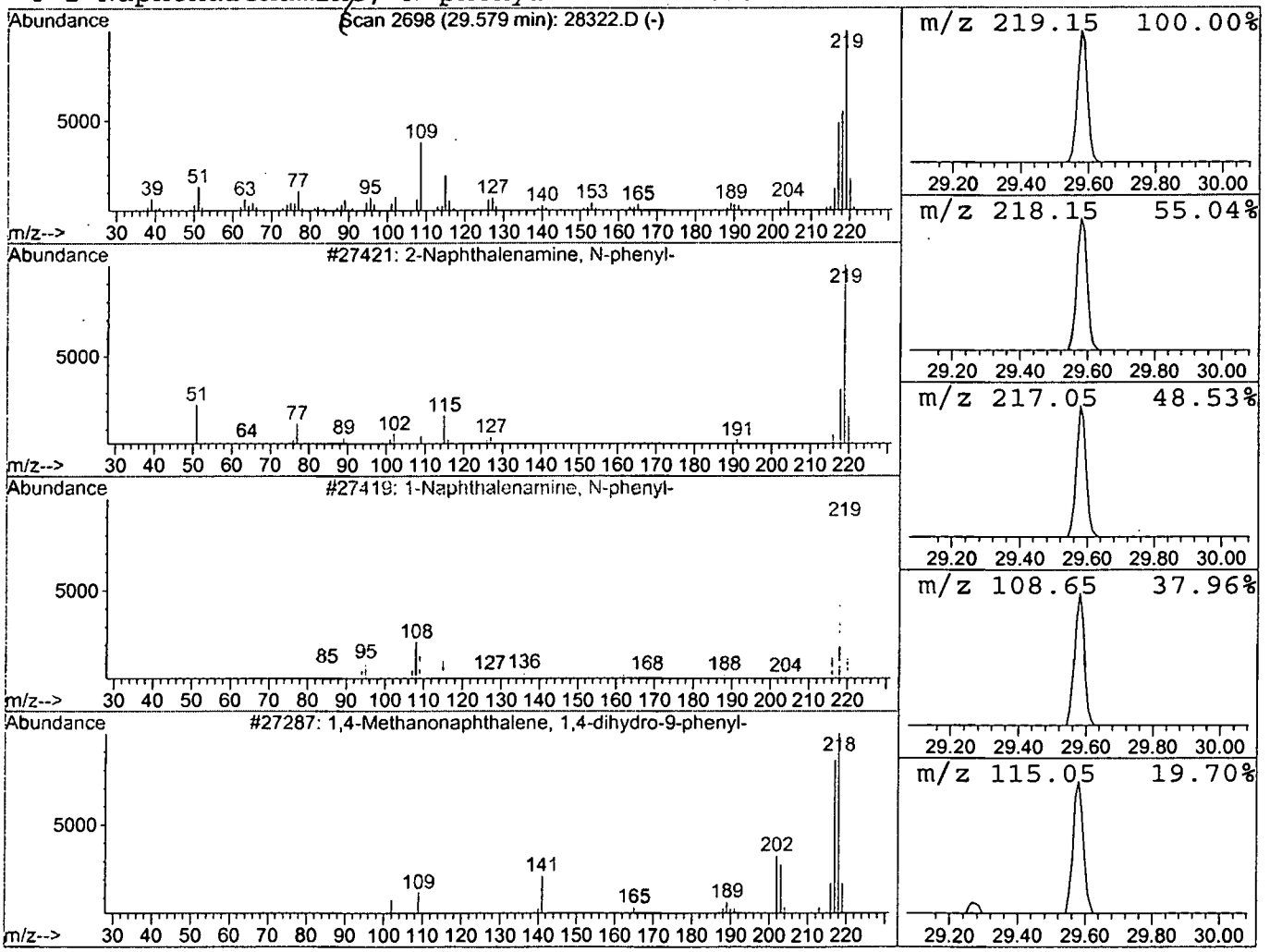
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Naphthalenamine, N-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.58	2.10 ng/uL	454355	Chrysene-d12	33.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Naphthalenamine, N-phenyl-	219	C16H13N	000135-88-6	60
2	1-Naphthalenamine, N-phenyl-	219	C16H13N	000090-30-2	53
3	1,4-Methanonaphthalene, 1,4-dihydro	218	C17H14	055028-73-4	50
4	1-Naphthalenamine, N-phenyl-	219	C16H13N	000090-30-2	49



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2801\28322.D
Acq On : 28 Dec 2001 5:57 pm
Sample : gcms unknown 11/28
Misc :
MS Integration Params: LSCINT.P

Vial: 12
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

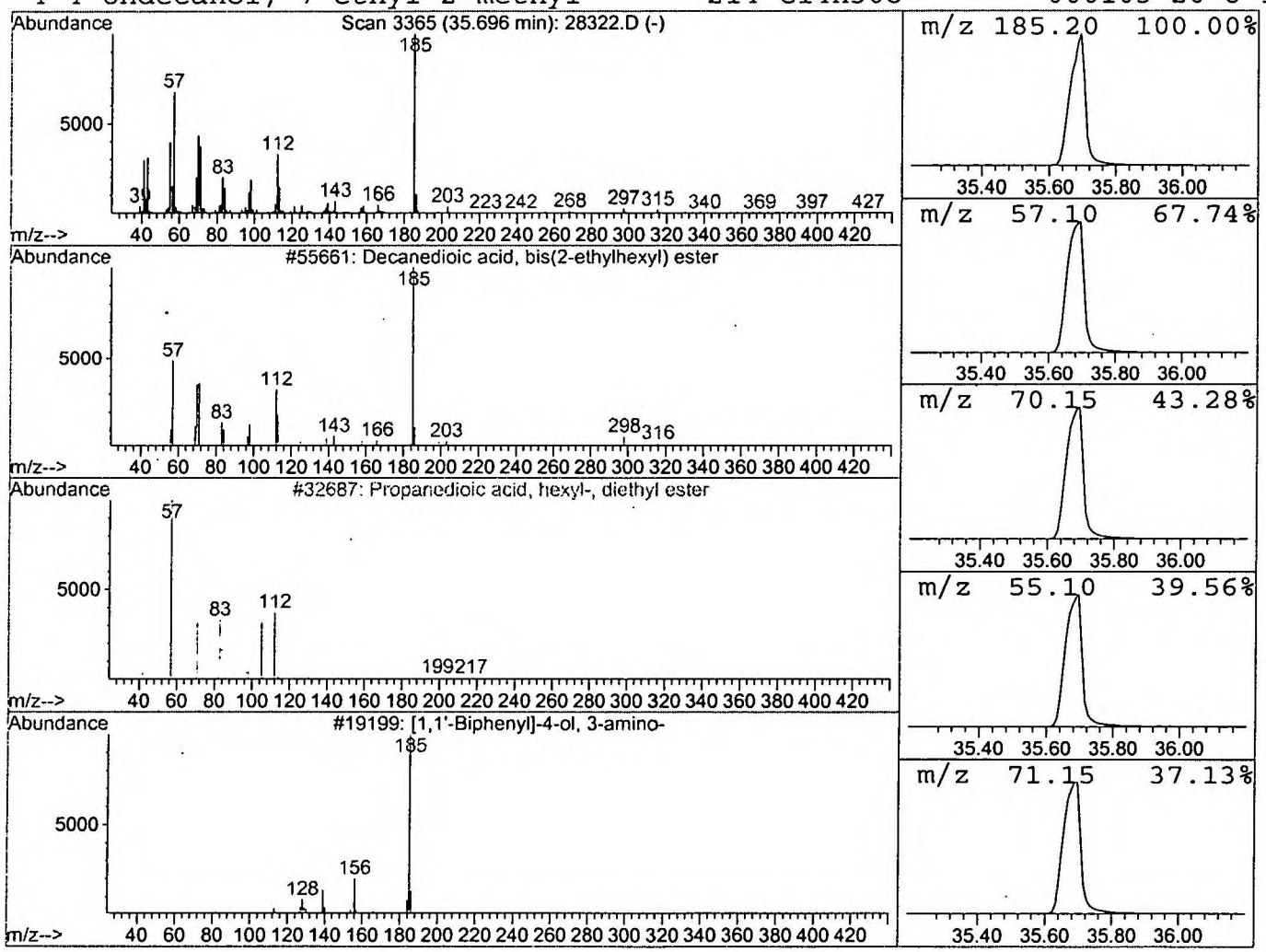
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Decanedioic acid, bis(2-ethylh Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
35.70	293.56 ng/uL	45182200	Perylene-d12	37.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decanedioic acid, bis(2-ethylhexyl)	426	C26H50O4	000122-62-3	83
2	Propanedioic acid, hexyl-, diethyl	244	C13H24O4	005398-10-7	32
3	[1,1'-Biphenyl]-4-ol, 3-amino-	185	C12H11NO	001134-36-7	27
4	4-Undecanol, 7-ethyl-2-methyl-	214	C14H30O	000103-20-8	17



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 28 Dec 2001 5:57 pm
Data File: C:\HPCHEM\1\DATA\DEC2801\28322.D
Name: gcms unknown 11/28
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	7.81	3.9	ng/uL	869426	ISTD01	11.84	4440870	20.0
2-Naphthalenamine, N	29.58	2.1	ng/uL	454355	ISTD05	33.13	4322540	20.0
Decanedioic acid, bi	35.70	293.6	ng/uL	45182200	ISTD06	37.20	3078220	20.0

28322.D NP112701.M Mon Dec 31 10:15:19 2001