User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 11:13:21

Sample: AD28324
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 11:12 Ended: 1/3/02 11:12 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 AD28324 - Analysis $GCMS

Vestchester Dept. of Labs & Research
lser: Galos, Marie
)ate: 01-03-2002 Time: 11:13:35

. 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\28324.D Vial: 10
Acq On : 28 Dec 2001 4:08 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 10:06 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	747033	20.00	ng/uL	-0.10
19) Naphthalene-d8	15.45	136	3003393	20.00	ng/uL	-0.10
31) Acenaphthene-d10	20.72	164	1344945m	20.00	ng/uL	-0.10
49) Phenanthrene-d10	25.13	188	1922044	20.00	ng/uL	-0.11
59) Chrysene-d12	33.13	240	1311189	20.00	ng/uL	-0.12
68) Perylene-d12	37.21	264	822607	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	299	0.01	ng/uL	0.41
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.01	152	292	0.01	ng/uL	-0.45
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	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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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	27.12	149	17436	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\28324.D Vial: 10
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Sample : gcms unknown 11/28 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 31 10:06 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

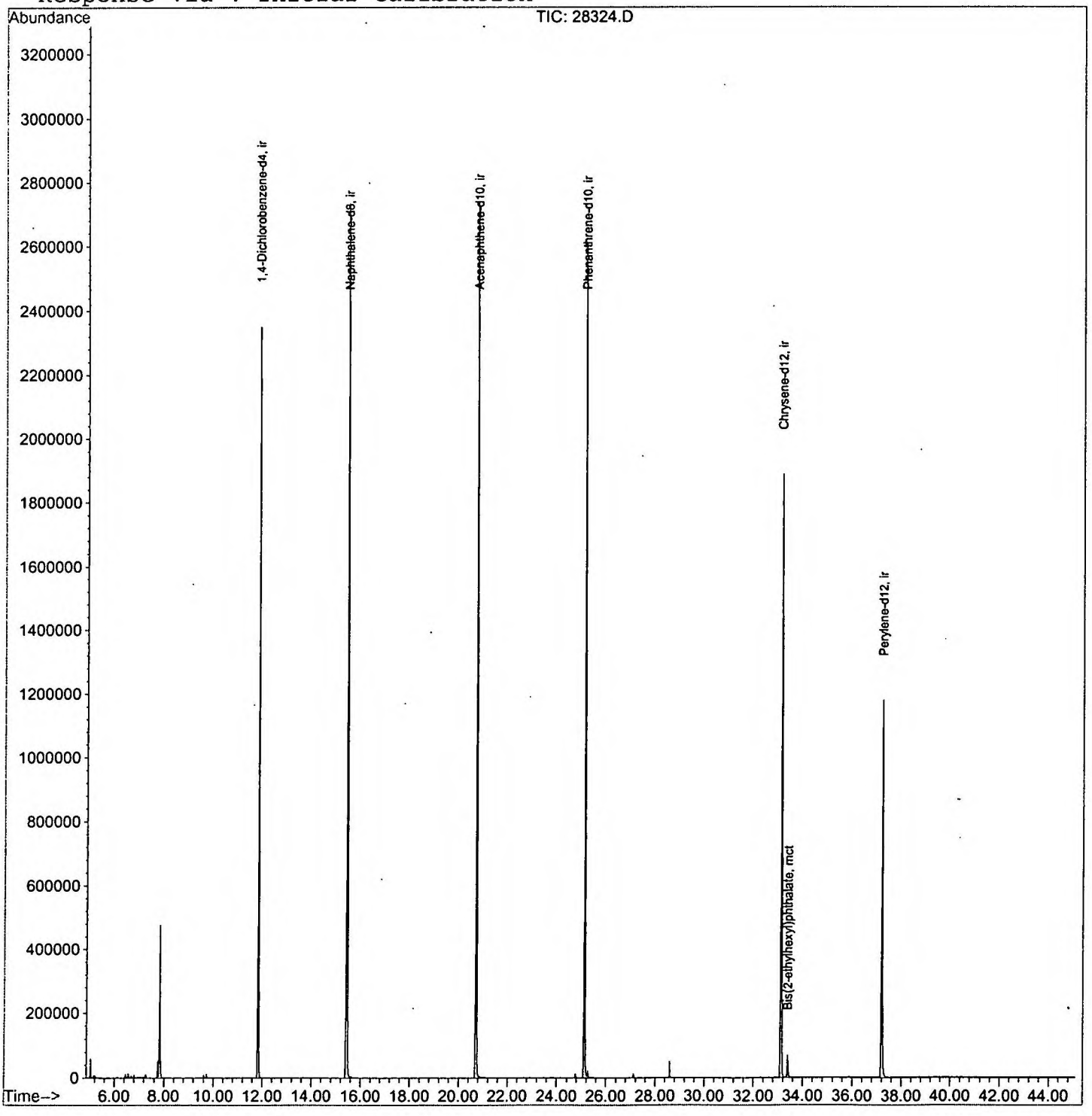
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	31.60	149	313	N.D.	
65)	Benzo(a)anthracene	33.13	228	2994	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.39	149	52301	0.69 ng/uL	98
67)	Chrysene	33.13	228	2994	N.D.	
69)	Di-n-Octylphthalate	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	2649	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\28324.D Vial: 10
Acq On : 28 Dec 2001 4:08 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 10:06 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\28324.D Vial: 10
Acq On : 28 Dec 2001 4:08 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

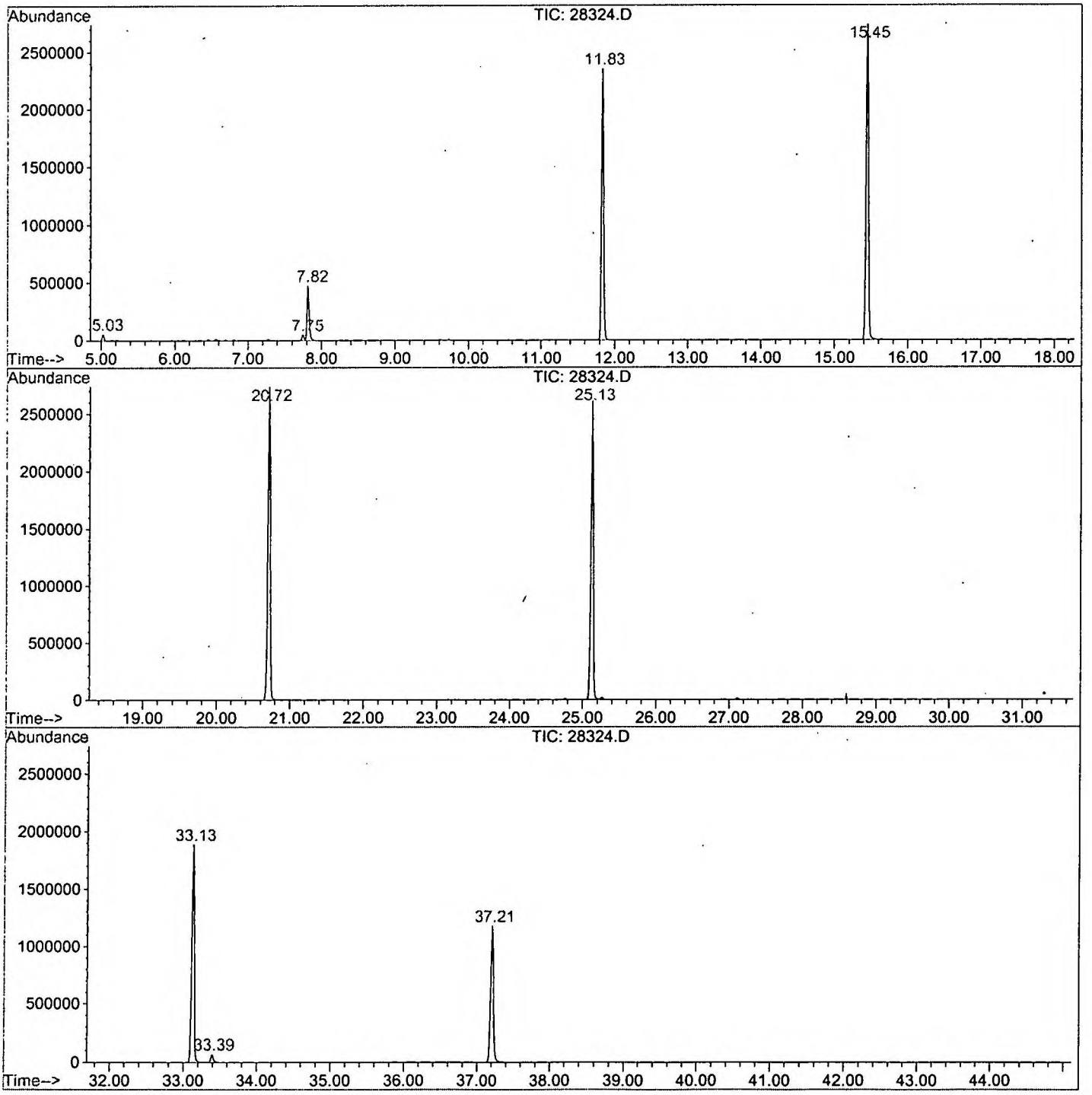
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.028	15	20	24	rBV	58659	102242	1.65%	0.328%
2	7.752	313	317	320	rBV	52275	90810	1.46%	0.292%
3	7.816	320	324	338	rVB	476429	913745	14.72%	2.935%
4	11.832	757	762	775	rVB	2350161	4692204	75.57%	15.070%
5	15.445	1149	1156	1170	rBV	2734821	6209090	100.00%	19.941%
6	20.718	1723	1731	1746	rBV	2740057	5896004	94.96%	18.936%
7	25.129	2204	2212	2222	rBV2	2607120	5539132	89.21%	17.790%
8	33.125	3077	3084	3096	rBV2	1887720	4336438	69.84%	13.927%
9	33.391	3109	3113	3128	rVB	70110	169509	2.73%	0.544%
10	37.206	3521	3529	3544	rBV2	1176855	3187615	51.34%	10.237%

Sum of corrected areas: 31136789

28324.D NP112701.M Mon Dec 31 10:09:53 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2801\28324.D
Operator : GALOS
Acquired : 28 Dec 2001 4:08 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/28
Misc Info :
Vial Number: 10
Quant File :NP112701.RES (RTE Integrator)



28324.D NP112701.M Mon Dec 31 10:09:56 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2801\28324.D Vial: 10
Acq On : 28 Dec 2001 4:08 pm Operator: GALOS
Sample : gcms unknown 11/28 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

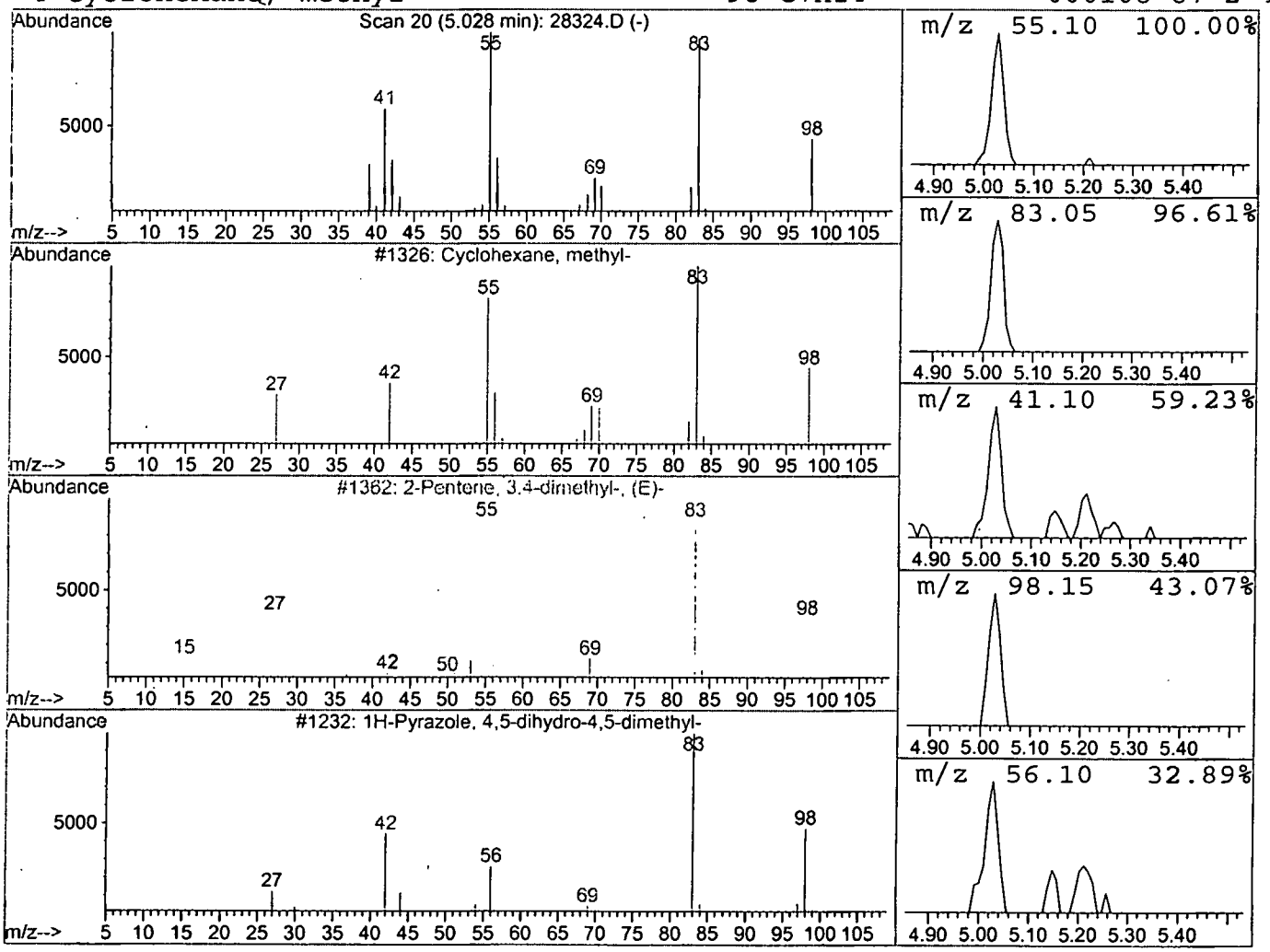
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Cyclohexane, methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.03	0.44 ng/uL	102242	1,4-Dichlorobenzene-d4	11.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
2	2-Pentene, 3,4-dimethyl-, (E)-	98	C7H14	004914-92-5	59
3	1H-Pyrazole, 4,5-dihydro-4,5-dimeth	98	C5H10N2	028019-94-5	53
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	49



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2801\28324.D Vial: 10
Acq On : 28 Dec 2001 4:08 pm Operator: GALOS
Sample : gcms unknown 11/28 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

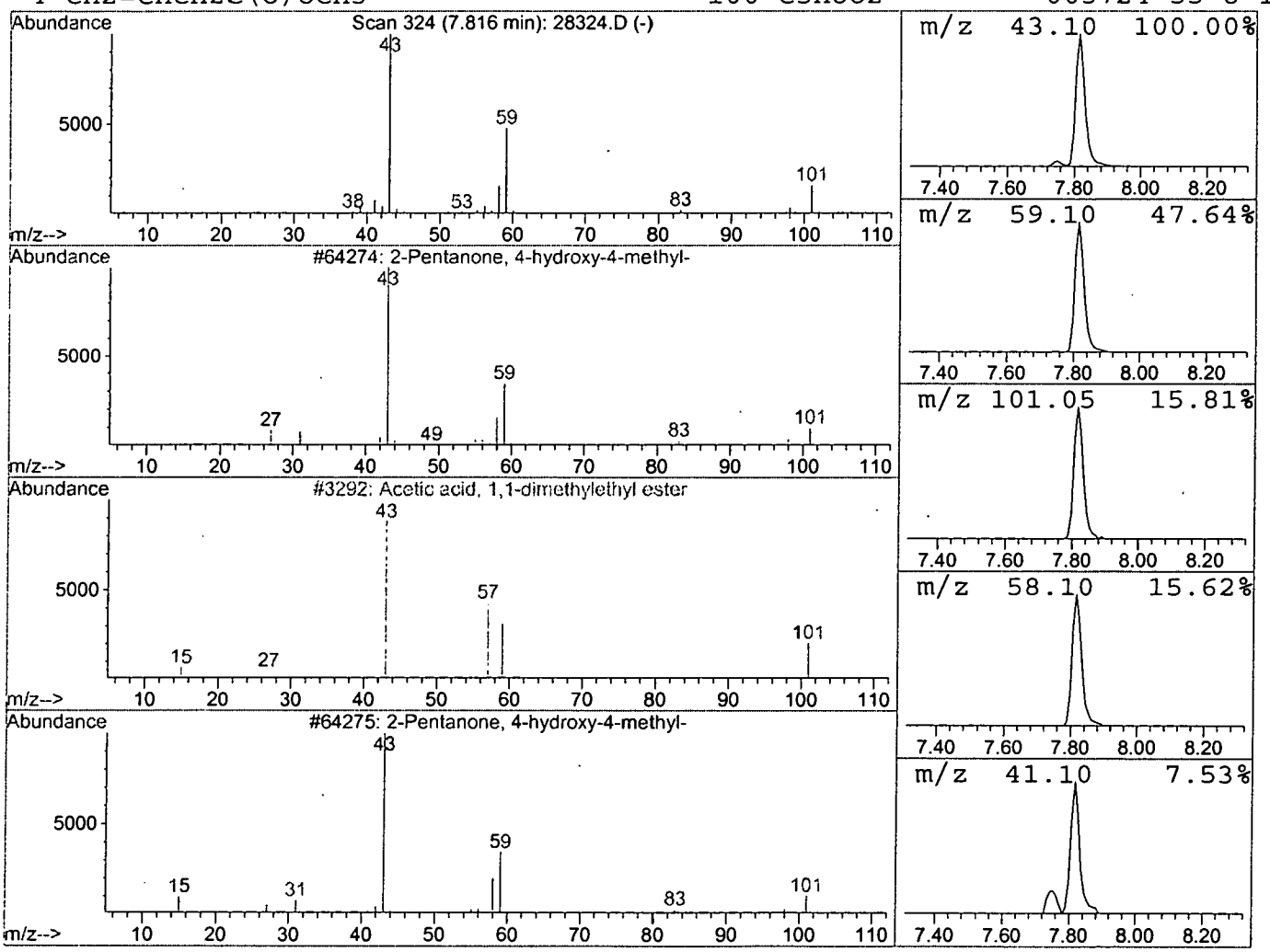
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.89 ng/uL	913745	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	59
2	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	28
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	10



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 28 Dec 2001 4:08 pm
Data File: C:\HPCHEM\1\DATA\DEC2801\28324.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
Cyclohexane, methyl-	5.03	0.4	ng/uL	102242	ISTD01	11.83	4692200	20.0
2-Pentanone, 4-hydro	7.82	3.9	ng/uL	913745	ISTD01	11.83	4692200	20.0

28324.D NP112701.M Mon Dec 31 10:10:02 2001