User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 09:22:31

Sample: AD28310
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 09:18 Ended: 1/3/02 09:18 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 AD28310 - Analysis $GCMS

'estchester Dept. of Labs & Research
ser: Galos, Marie
ate: 01-03-2002 Time: 09:22:42

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC2101\28310.D Vial: 42
Acq On : 22 Dec 2001 6:32 pm Operator: GALOS
Sample : gcms unknown 11/26 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 9:02 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	11.78	152	821353	20.00	ng/uL	-0.15
19) Naphthalene-d8	15.40	136	3245952	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.67	164	1434898	20.00	ng/uL	-0.15
49) Phenanthrene-d10	25.08	188	2161139	20.00	ng/uL	-0.16
59) Chrysene-d12	33.08	240	1518547	20.00	ng/uL	-0.16
68) Perylene-d12	37.16	264	976051	20.00	ng/uL	-0.18

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	11.78	132	326	0.01	ng/uL	0.36
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	18.82	172	1802	0.02	ng/uL	0.00
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

Quantitation Report (QT Reviewed)

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Acq On : 22 Dec 2001 6:32 pm Operator: GALOS
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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.	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	27.07	149	22723	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\DEC2101\28310.D Vial: 42
Acq On : 22 Dec 2001 6:32 pm Operator: GALOS
Sample : gcms unknown 11/26 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 9:02 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

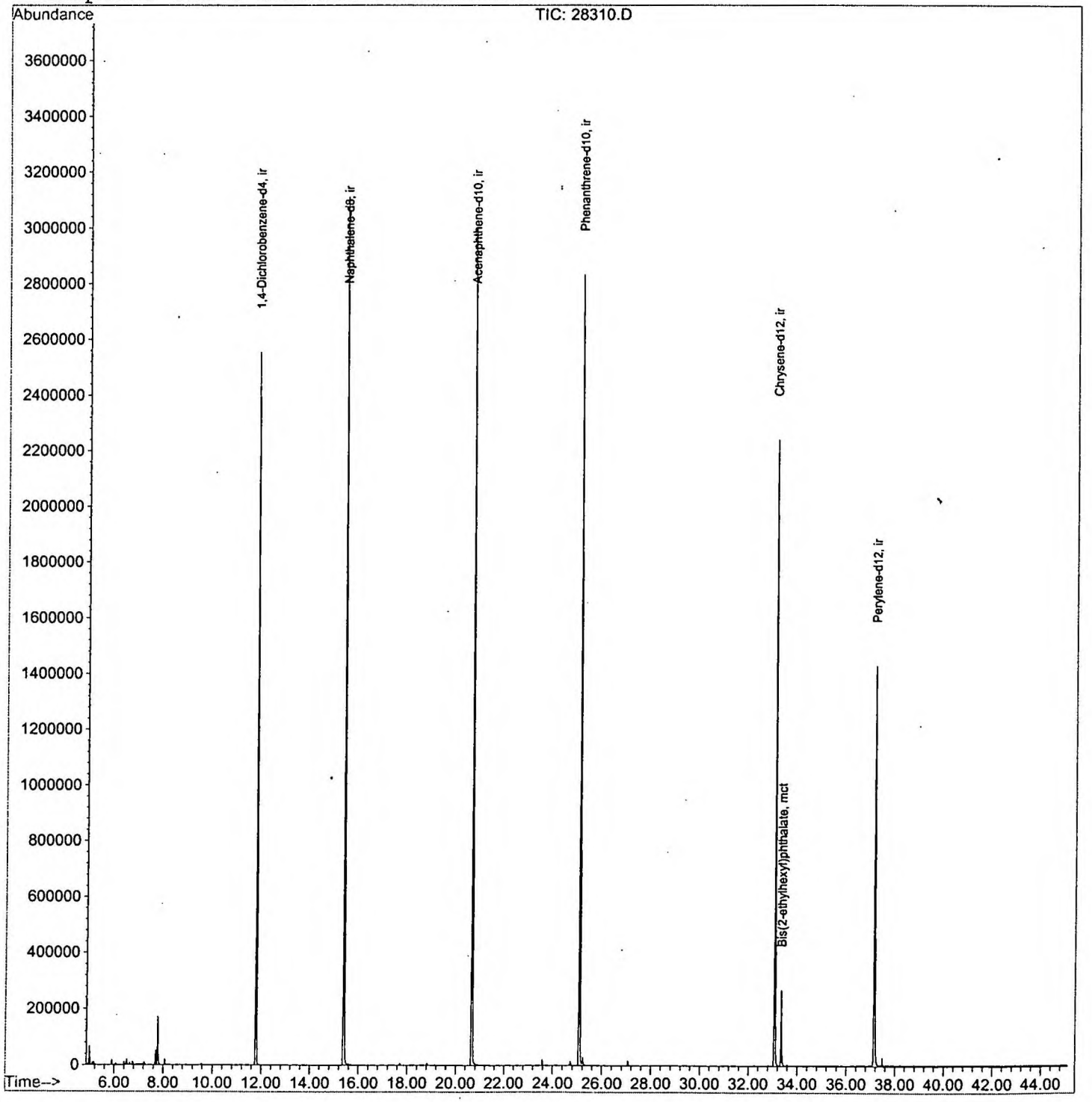
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	0.00	149	0	N.D.	
65) Benzo(a)anthracene	33.08	228	3313	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.35	149	166757	1.89 ng/uL	95
67) Chrysene	33.08	228	3313	N.D.	
69) Di-n-Octylphthalate	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	3101	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\DEC2101\28310.D Vial: 42
Acq On : 22 Dec 2001 6:32 pm Operator: GALOS
Sample : gcms unknown 11/26 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 9:02 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\DEC2101\28310.D Vial: 42
Acq On : 22 Dec 2001 6:32 pm Operator: GALOS
Sample : gcms unknown 11/26 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

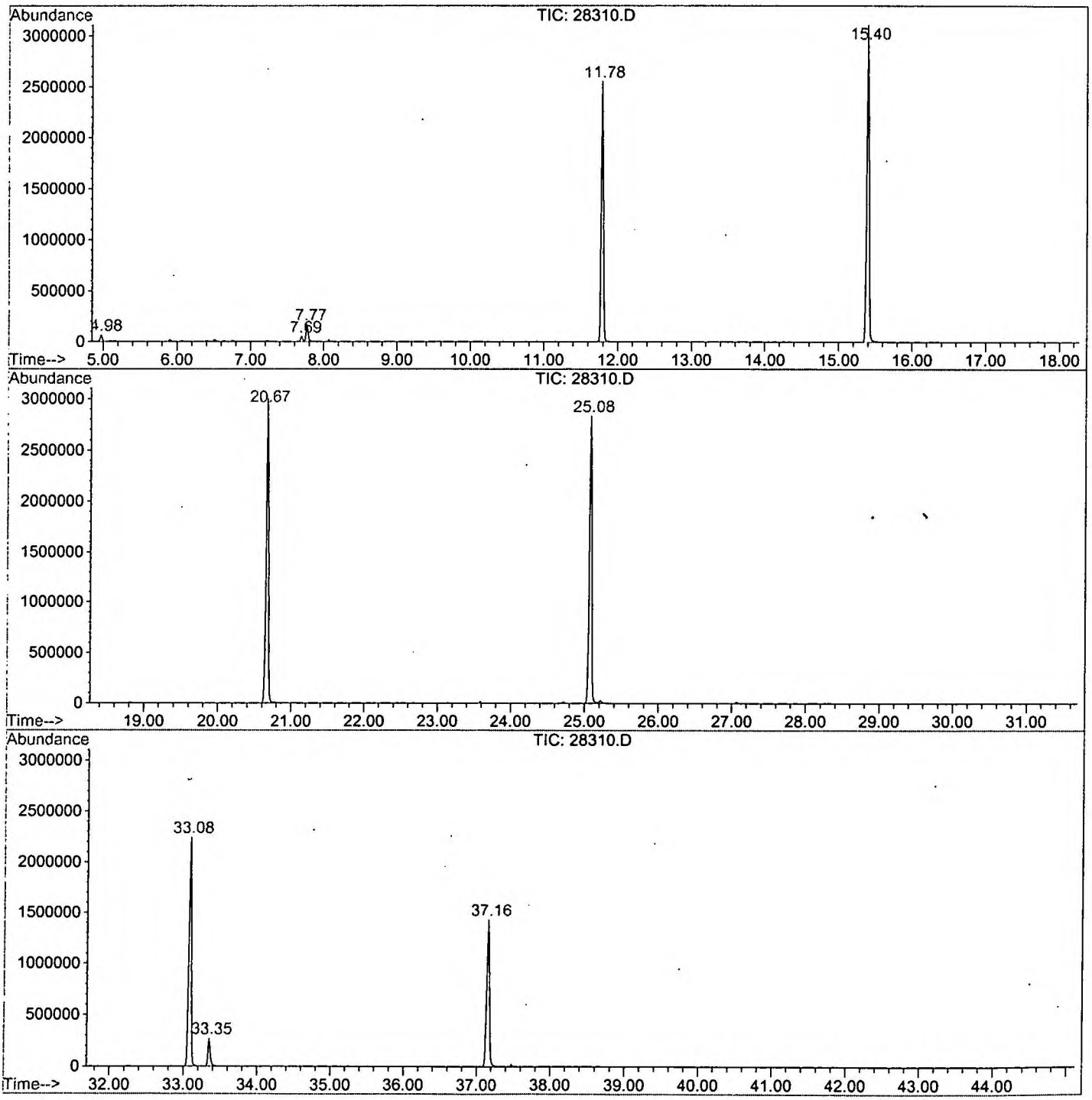
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	4.978	10	15	20	rVB	66106	123836	1.86%	0.359%
2	7.692	308	311	316	rBV	52024	98414	1.48%	0.285%
3	7.766	316	319	329	rVB	171798	340565	5.11%	0.986%
4	11.782	752	757	772	rVB	2553746	5149817	77.32%	14.916%
5	15.395	1144	1151	1165	rBV	3111410	6660787	100.00%	19.293%
6	20.668	1719	1726	1745	rBV	2999780	6498227	97.56%	18.822%
7	25.079	2199	2207	2218	rBV2	2833953	6191222	92.95%	17.933%
8	33.084	3073	3080	3095	rBV2	2243706	5082797	76.31%	14.722%
9	33.350	3104	3109	3118	rBV	268639	574470	8.62%	1.664%
10	37.156	3515	3524	3540	rBV2	1429588	3804666	57.12%	11.020%

Sum of corrected areas: 34524801

28310.D NP112701.M Fri Dec 28 09:10:30 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28310.D
Operator : GALOS
Acquired : 22 Dec 2001 6:32 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/26
Misc Info :
Vial Number: 42
Quant File :NP112701.RES (RTE Integrator)



28310.D NP112701.M Fri Dec 28 09:10:33 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28310.D Vial: 42
Acq On : 22 Dec 2001 6:32 pm Operator: GALOS
Sample : gcms unknown 11/26 Inst. : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

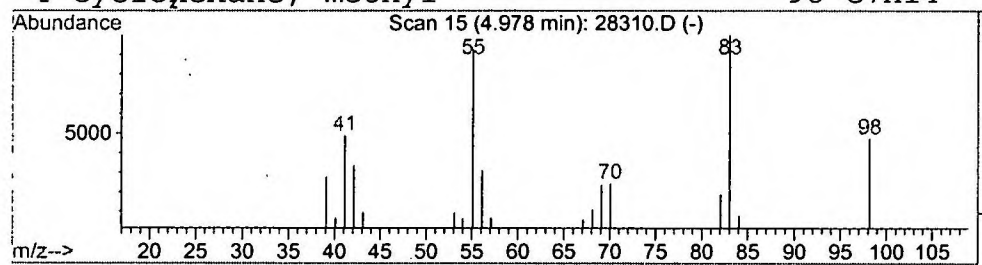
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

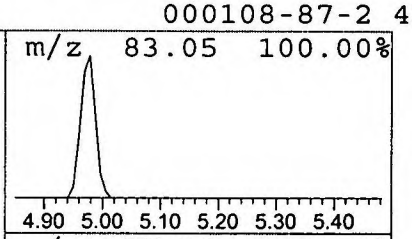
****

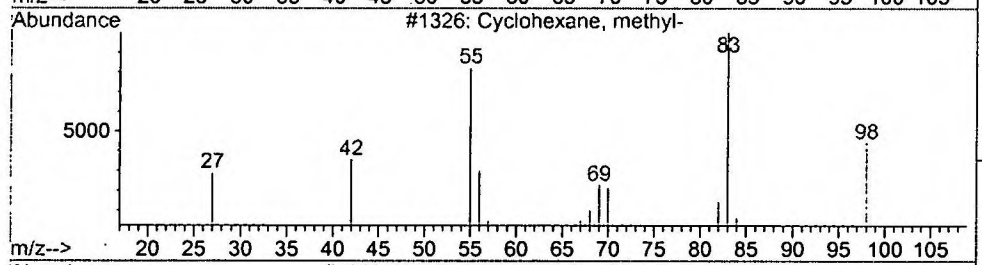
Peak Number 1 Cyclohexane, methyl- Concentration Rank 2

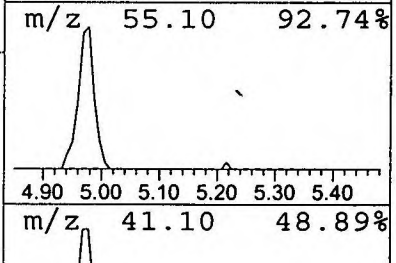
R.T.	EstConc	Area	Relative to ISTD	R.T.
4.98	0.48 ng/uL	123836	1,4-Dichlorobenzene-d4	11.78

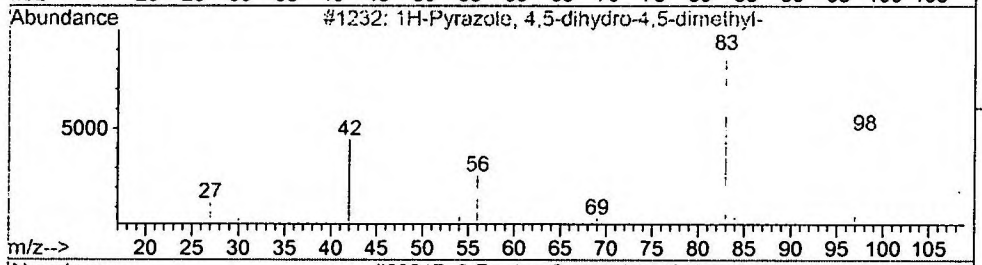
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, methyl-	98	C7H14	000108-87-2	95
2	1H-Pyrazole, 4,5-dihydro-4,5-dimeth	98	C5H10N2	028019-94-5	53
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	50
4	Cyclohexane, methyl-	98	C7H14	000108-87-2	43

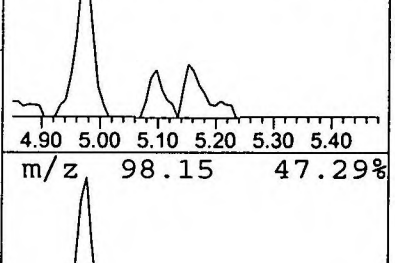


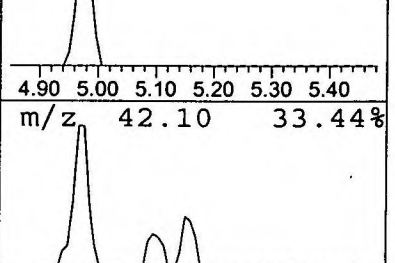


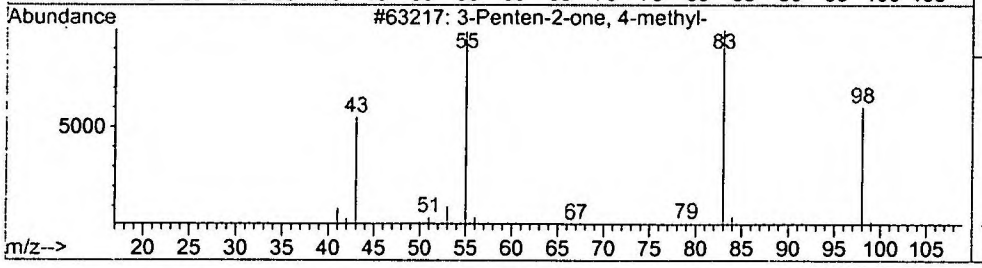


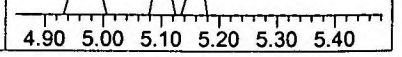












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28310.D
Acq On : 22 Dec 2001 6:32 pm
Sample : gcms unknown 11/26
Misc :
MS Integration Params: LSCINT.P

Vial: 42
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

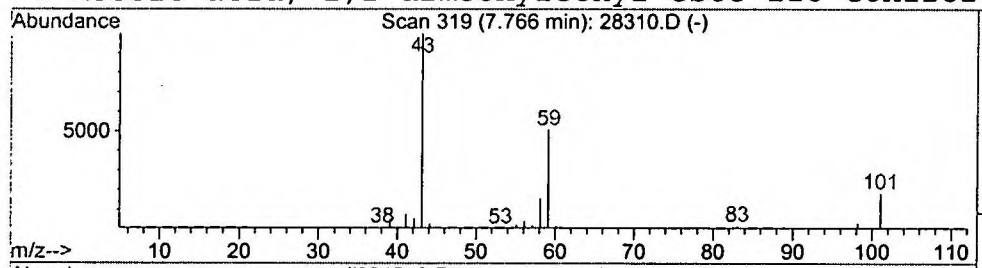
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

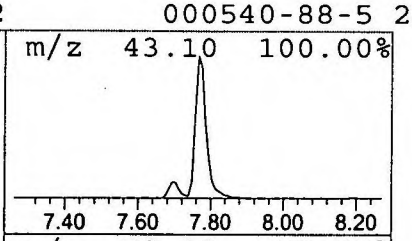
****

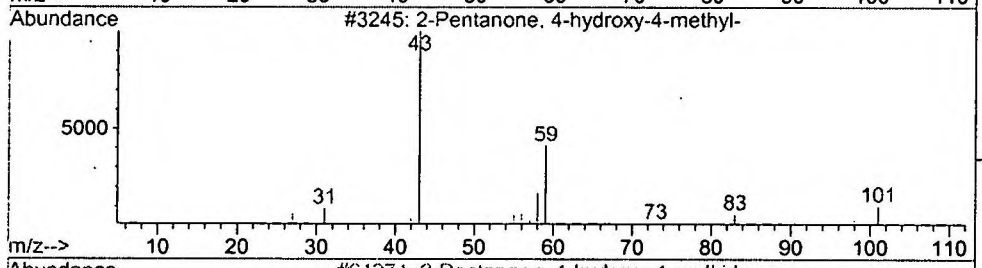
Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

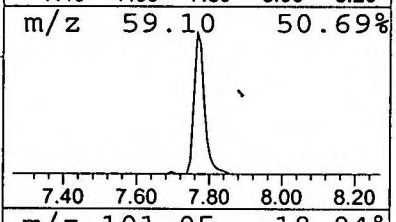
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	1.32 ng/uL	340565	1,4-Dichlorobenzene-d4	11.78

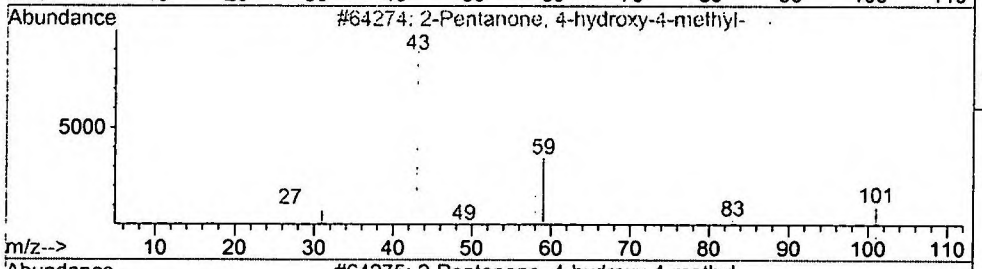
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	40
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28

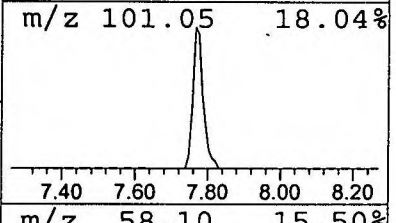


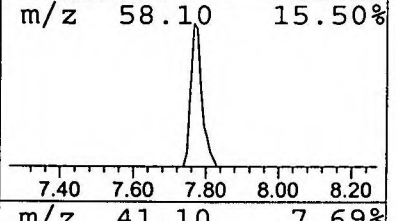


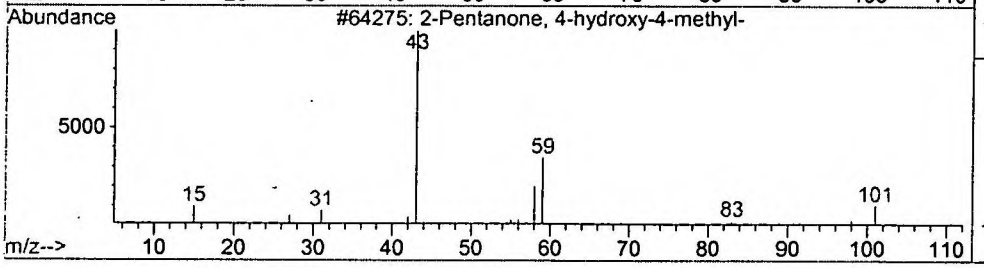


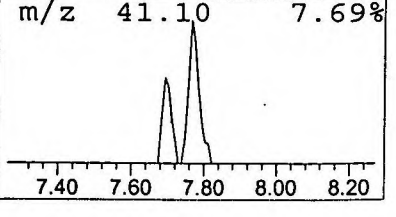












Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 22 Dec 2001 6:32 pm
Data File: C:\HPCHEM\1\DATA\DEC2101\28310.D
Name: gcms unknown 11/26
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-	4.98	0.5	ng/uL	123836	ISTD01	11.78	5149820	20.0
2-Pentanone, 4-hydro	7.77	1.3	ng/uL	340565	ISTD01	11.78	5149820	20.0

28310.D NP112701.M Fri Dec 28 09:10:39 2001