User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 15:57:16

Sample: AD28105
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 15:55 Ended: 1/2/02 15:55 Analyst: MG
Page: 1

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

Comments for Sample AD28105 - Analysis $GCMS

Vestchester Dept. of Labs & Research
User: Galos, Marie
Date: 01-02-2002 Time: 15:57:25

A 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\28105.D Vial: 12
Acq On : 22 Dec 2001 3:56 am Operator: GALOS
Sample : gcms unknown 11/23 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 9:41 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	11.80	152	849495	20.00	ng/uL	-0.14
19) Naphthalene-d8	15.40	136	3332946	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.67	164	1482247	20.00	ng/uL	-0.15
49) Phenanthrene-d10	25.08	188	2195509m	20.00	ng/uL	-0.16
59) Chrysene-d12	33.09	240	1510747	20.00	ng/uL	-0.16
68) Perylene-d12	37.16	264	962943	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	11.80	132	286	0.00	ng/uL	0.37
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.00%#		
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	1917	0.02	ng/uL	-0.01
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

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Misc : Multiplr: 1.00
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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	25.09	178	281	N.D.	
56) Anthracene	25.09	178	281	N.D.	
57) Di-n-butylphthalate	27.08	149	3562	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\28105.D Vial: 12
Acq On : 22 Dec 2001 3:56 am Operator: GALOS
Sample : gcms unknown 11/23 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 9:41 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	33.09	228	3679	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.35	149	10016	N.D.	
67)	Chrysene	33.09	228	3679	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	3599	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.	

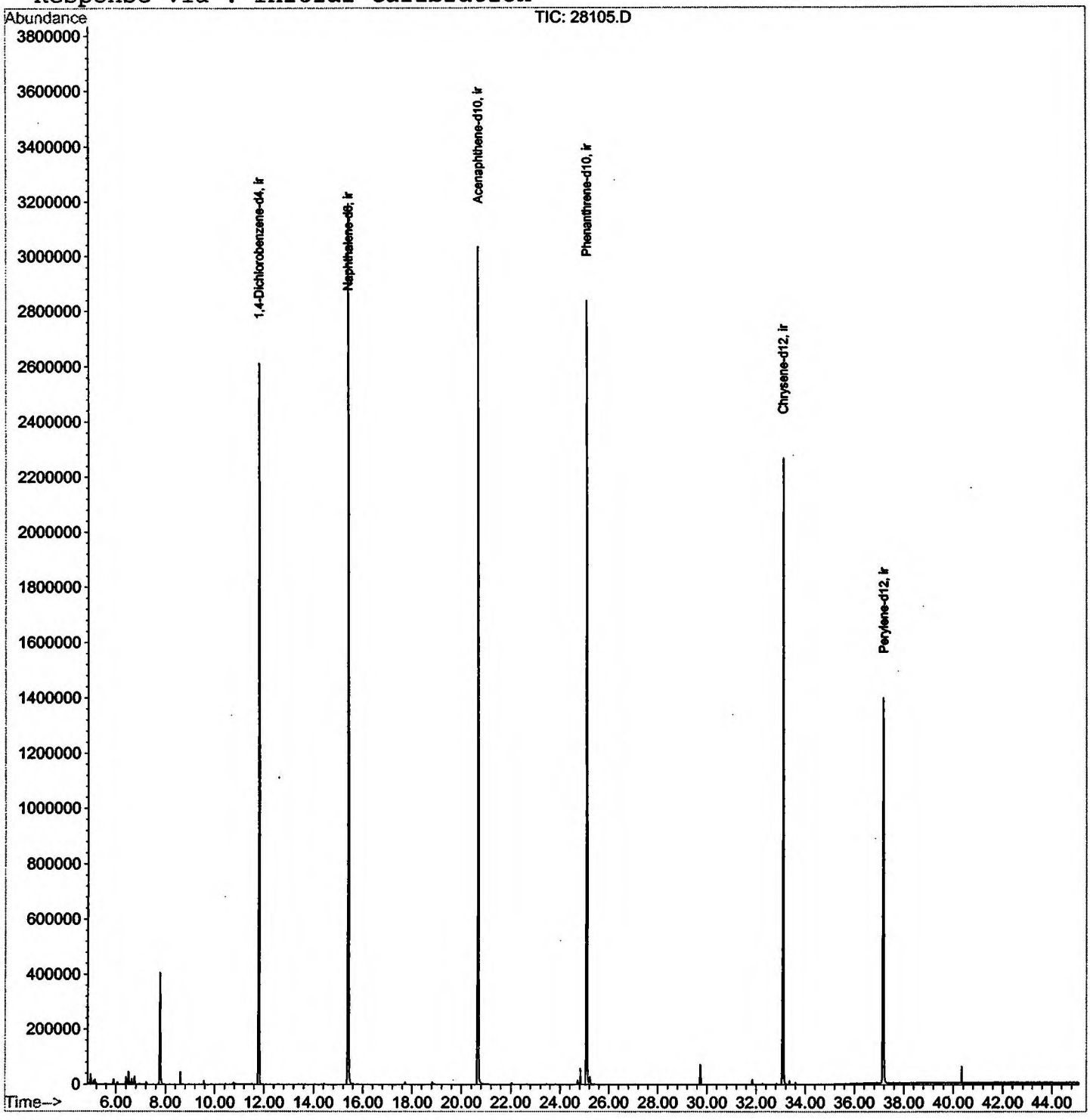
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28105.D
Acq On : 22 Dec 2001 3:56 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 28 9:41 2001

Vial: 12
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\28105.D Vial: 12
Acq On : 22 Dec 2001 3:56 am Operator: GALOS
Sample : gcms unknown 11/23 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

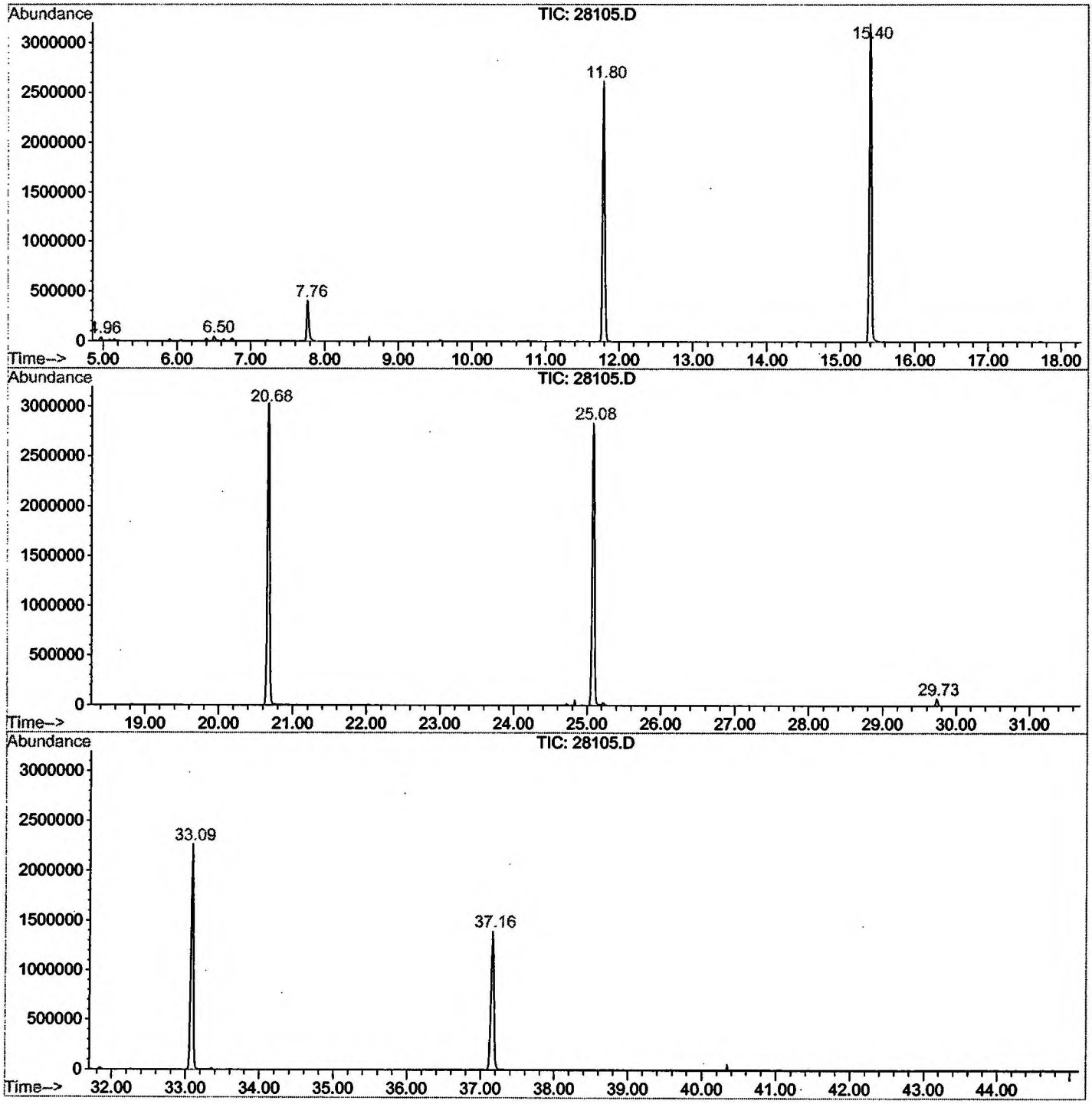
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	4.963	6	13	17	rBV2	35653	71761	1.05%	0.205%
2	6.504	177	181	185	rBV	46234	93812	1.37%	0.268%
3	7.760	314	318	334	rBB	406578	860070	12.58%	2.456%
4	11.795	752	758	771	rVB	2611849	5327293	77.95%	15.211%
5	15.399	1145	1151	1169	rBV	3194963	6834552	100.00%	19.514%
6	20.681	1720	1727	1736	rBV	3033069	6614729	96.78%	18.887%
7	25.083	2200	2207	2217	rBV2	2837908	6296550	92.13%	17.978%
8	29.732	2710	2714	2720	rBB	72162	138252	2.02%	0.395%
9	33.088	3072	3080	3093	rBV2	2266118	5032501	73.63%	14.369%
10	37.160	3514	3524	3535	rBV2	1394014	3753688	54.92%	10.718%

Sum of corrected areas: 35023208

28105.D NP112701.M Fri Dec 28 09:55:01 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28105.D
Operator : GALOS
Acquired : 22 Dec 2001 3:56 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/23
Misc Info :
Vial Number: 12
Quant File :NP112701.RES (RTE Integrator)



28105.D NP112701.M Fri Dec 28 09:55:03 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28105.D Vial: 12
Acq On : 22 Dec 2001 3:56 am Operator: GALOS
Sample : gcms unknown 11/23 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

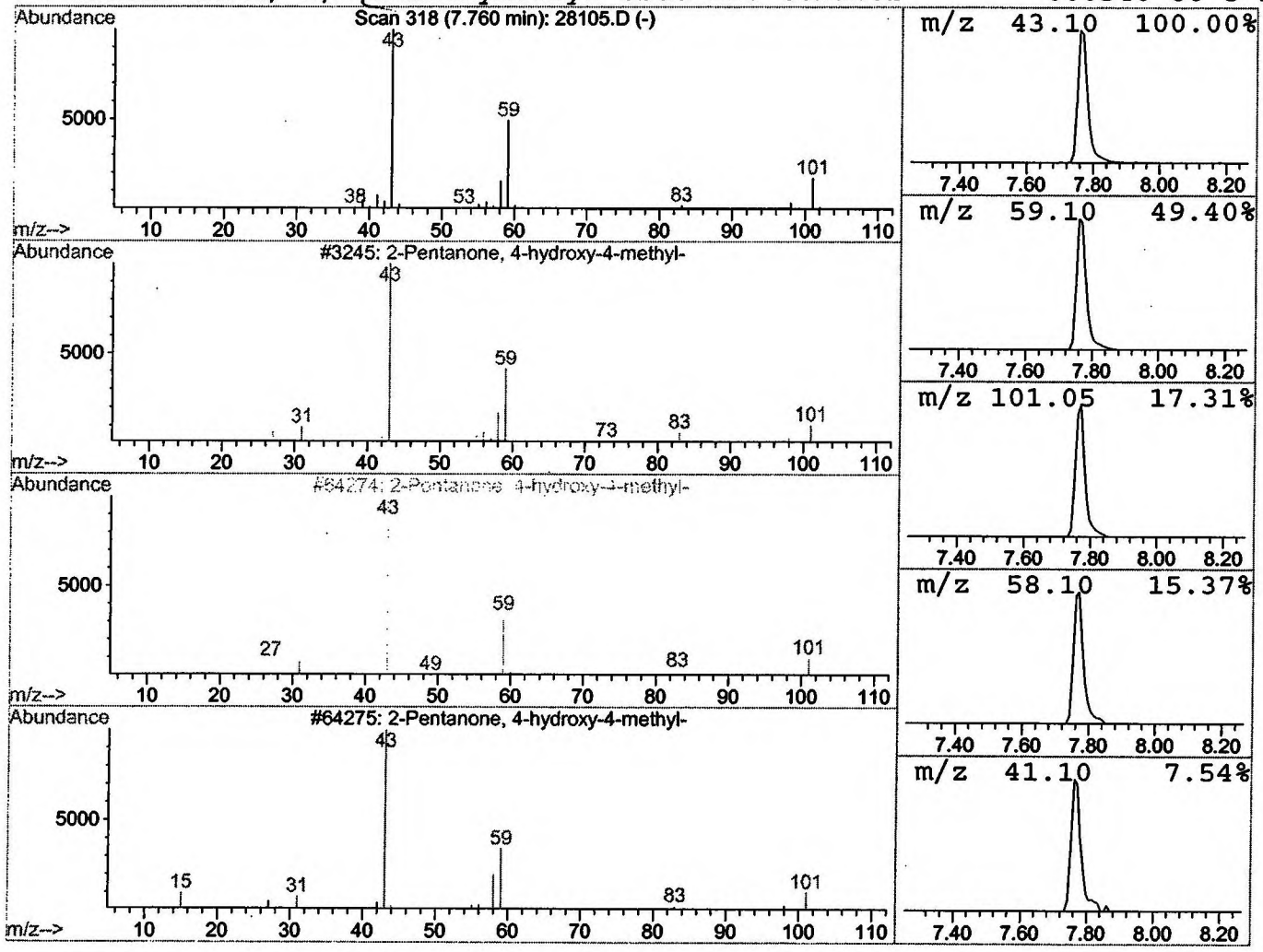
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	3.23 ng/uL	860070	1,4-Dichlorobenzene-d4	11.80

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	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\28105.D
Acq On : 22 Dec 2001 3:56 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

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

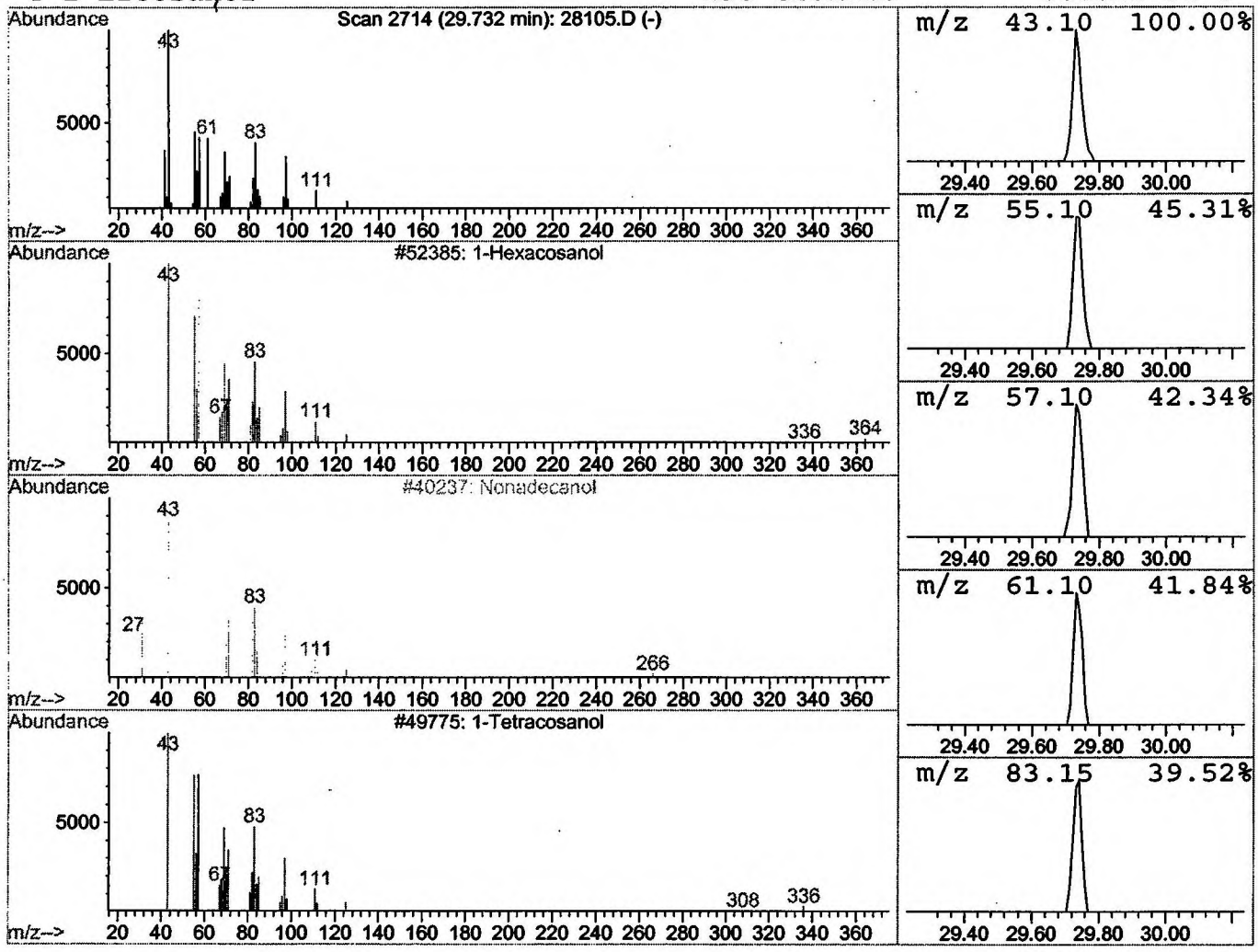
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 1-Hexacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.73	0.55 ng/uL	138252	Chrysene-d12	33.09

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosanol	382	C26H54O	000506-52-5	43
2	Nonadecanol	284	C19H40O	052783-43-4	43
3	1-Tetracosanol	354	C24H50O	000506-51-4	43
4	1-Eicosanol	298	C20H42O	000629-96-9	43



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 22 Dec 2001 3:56 am
Data File: C:\HPCHEM\1\DATA\DEC2101\28105.D
Name: gcms unknown 11/23
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	7.76	3.2	ng/uL	860070	ISTD01	11.80	5327290	20.0
1-Hexacosanol	29.73	0.5	ng/uL	138252	ISTD05	33.09	5032500	20.0

28105.D NP112701.M Fri Dec 28 09:55:09 2001