User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 15:55:29

Sample: AD28106
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 15:40 Ended: 1/2/02 15:40 Analyst: MG
Page: 1

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

Comments for Sample AD28106 - Analysis $GCMS

Vestchester Dept. of Labs & Research
User: Galos, Marie
Date: 01-02-2002 Time: 15:55:43

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\28106.D Vial: 13
Acq On : 22 Dec 2001 4:51 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 9:42 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	1151690	20.00	ng/uL	-0.15
19) Naphthalene-d8	15.40	136	4662923	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.68	164	2063567m	20.00	ng/uL	-0.15
49) Phenanthrene-d10	25.09	188	3035247m	20.00	ng/uL	-0.16
59) Chrysene-d12	33.09	240	2153784	20.00	ng/uL	-0.16
68) Perylene-d12	37.17	264	1433343	20.00	ng/uL	-0.16
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	11.79	132	1211	0.01	ng/uL	0.37
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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	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	22.16	149	1100	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	25.10	178	656	N.D.	
56)	Anthracene	25.10	178	656	N.D.	
57)	Di-n-butylphthalate	27.07	149	6173	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	0.00	252	0	N.D.	

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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
61)	Benzidine	0.00	184	0	N.D.	
63)	Pyrene	0.00	202	0	N.D.	
64)	Butylbenzylphthalate	31.56	149	1098	N.D.	
65)	Benzo(a)anthracene	33.09	228	5306	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.35	149	20209	N.D.	
67)	Chrysene	33.09	228	5306	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	37.17	252	5071	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.	

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Quantitation Report

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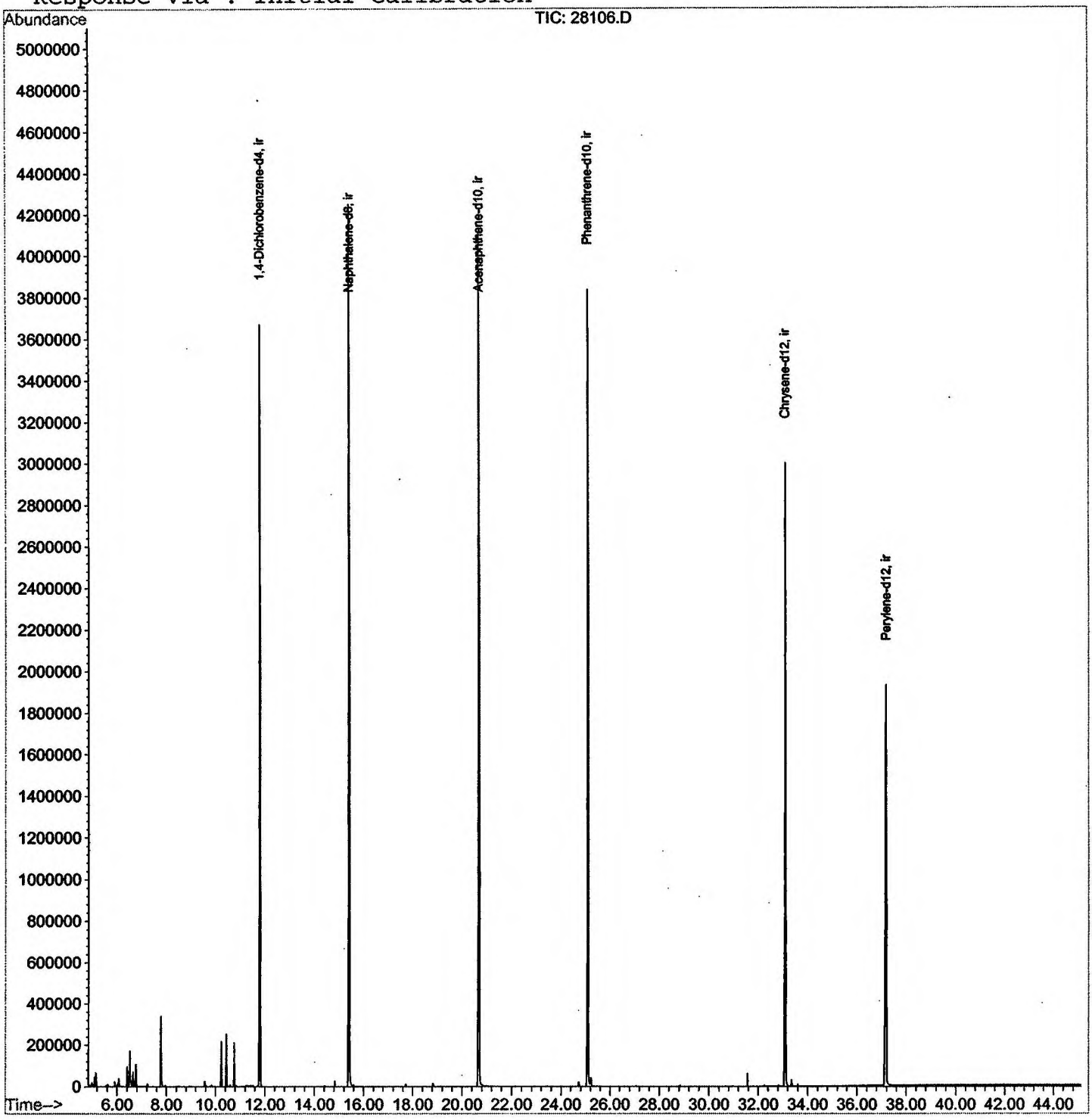
Sample : gcms unknown 11/23
Misc :
MS Integration Params: RTEINT.P
Quant Time: Dec 28 9:42 2001

Vial: 13
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\28106.D Vial: 13
Acq On : 22 Dec 2001 4:51 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

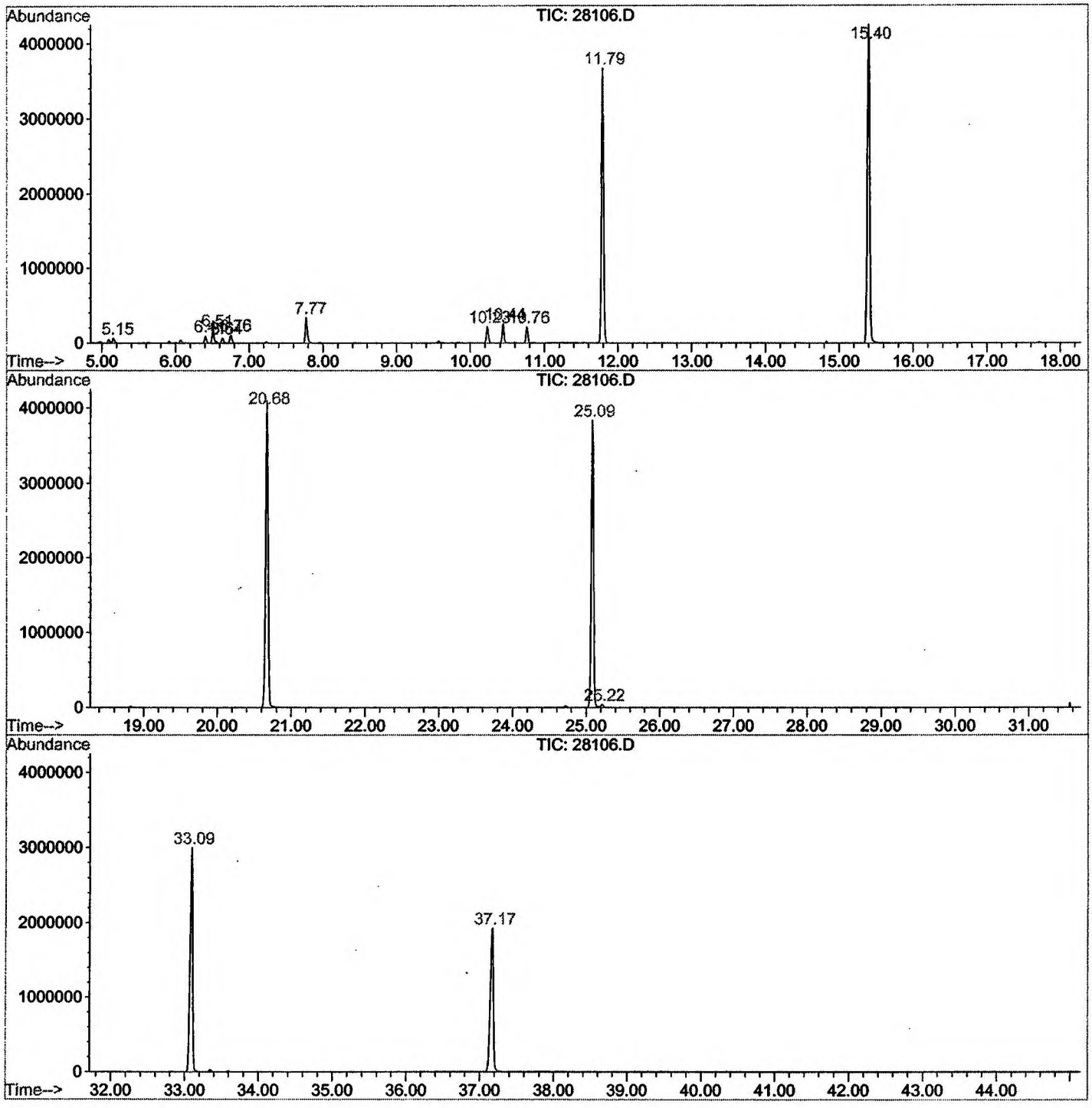
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.151	31	34	42	rVB	66214	121803	1.27%	0.241%
2	6.407	166	171	177	rBV	95998	169573	1.77%	0.335%
3	6.508	177	182	186	rBV	170154	331396	3.46%	0.655%
4	6.636	192	196	204	rVB	69637	135400	1.41%	0.267%
5	6.755	204	209	215	rBV	106090	214380	2.24%	0.423%
6	7.773	316	320	332	rBV	339757	672848	7.02%	1.329%
7	10.231	583	588	595	rBV	216688	353754	3.69%	0.699%
8	10.442	606	611	620	rVB	253998	435316	4.54%	0.860%
9	10.763	642	646	651	rBV	211161	366116	3.82%	0.723%
10	11.790	752	758	770	rVB	3669347	7272342	75.85%	14.366%
11	15.403	1144	1152	1166	rBV	4251090	9588090	100.00%	18.941%
12	20.676	1719	1727	1742	rBV	4097330	9341353	97.43%	18.453%
13	25.086	2200	2208	2218	rBV2	3837619	8746136	91.22%	17.277%
14	25.224	2218	2223	2234	rVB	40979	104952	1.09%	0.207%
15	33.092	3073	3081	3093	rBV2	2998405	7180433	74.89%	14.185%
16	37.173	3517	3526	3539	rBV2	1923087	5587739	58.28%	11.038%

Sum of corrected areas: 50621631

28106.D NP112701.M Fri Dec 28 09:55:29 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28106.D
Operator : GALOS
Acquired : 22 Dec 2001 4:51 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/23
Misc Info :
Vial Number: 13
Quant File :NP112701.RES (RTE Integrator)



28106.D NP112701.M Fri Dec 28 09:55:32 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28106.D
Acq On : 22 Dec 2001 4:51 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

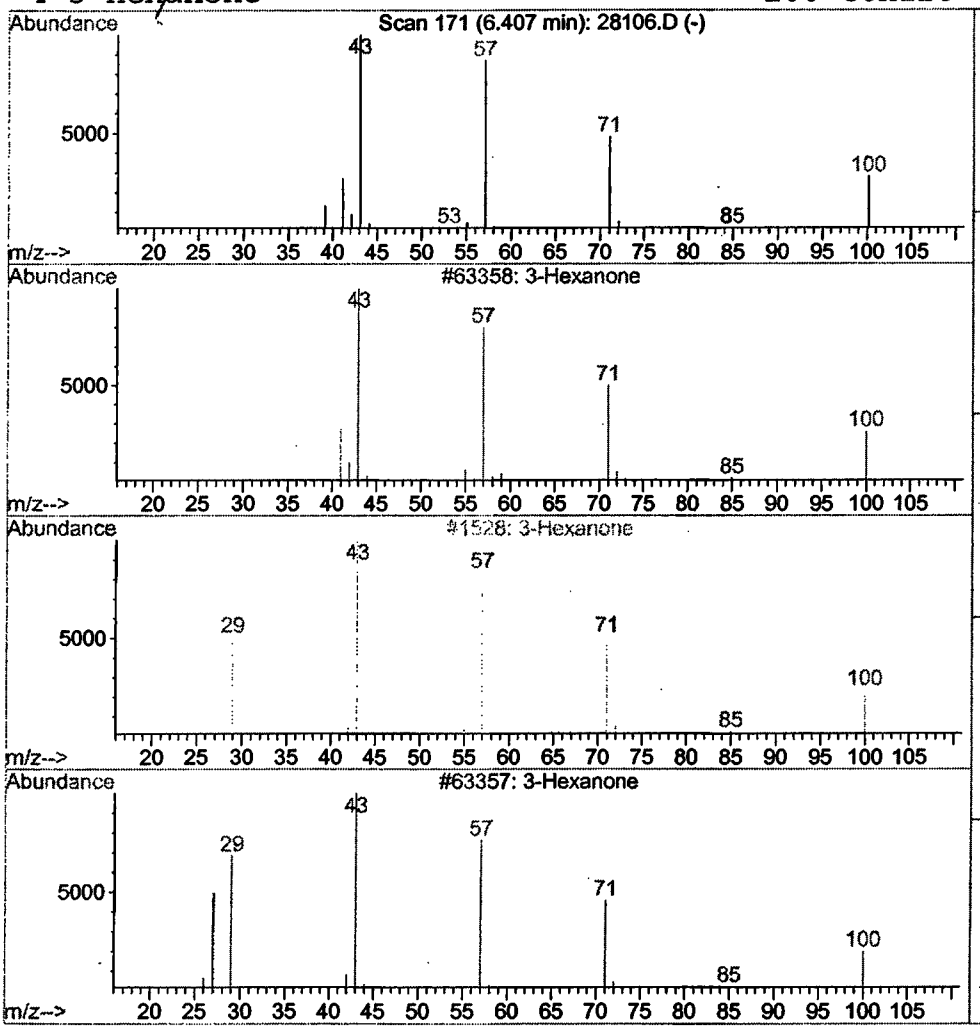
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

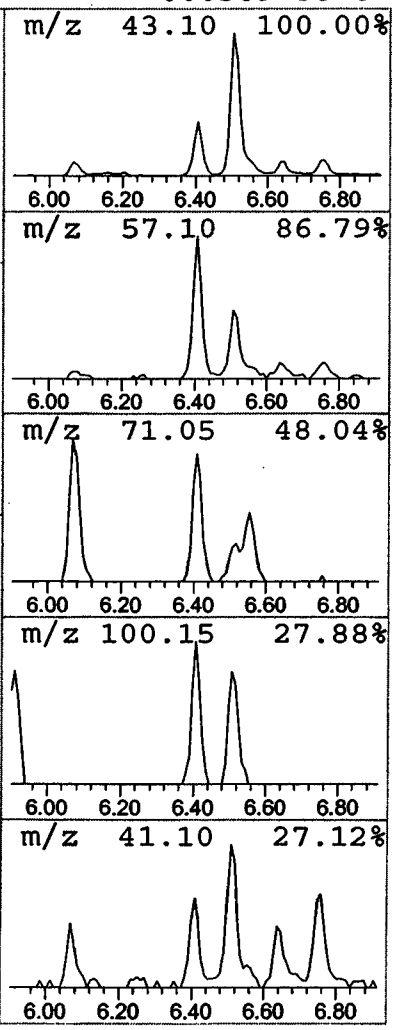
****

Peak Number 1 3-Hexanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	0.47 ng/uL	169573	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Hexanone	100	C6H12O	000589-38-8	91
3	3-Hexanone	100	C6H12O	000589-38-8	91
4	3-Hexanone	100	C6H12O	000589-38-8	72





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Acq On : 22 Dec 2001 4:51 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

Vial: 13
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
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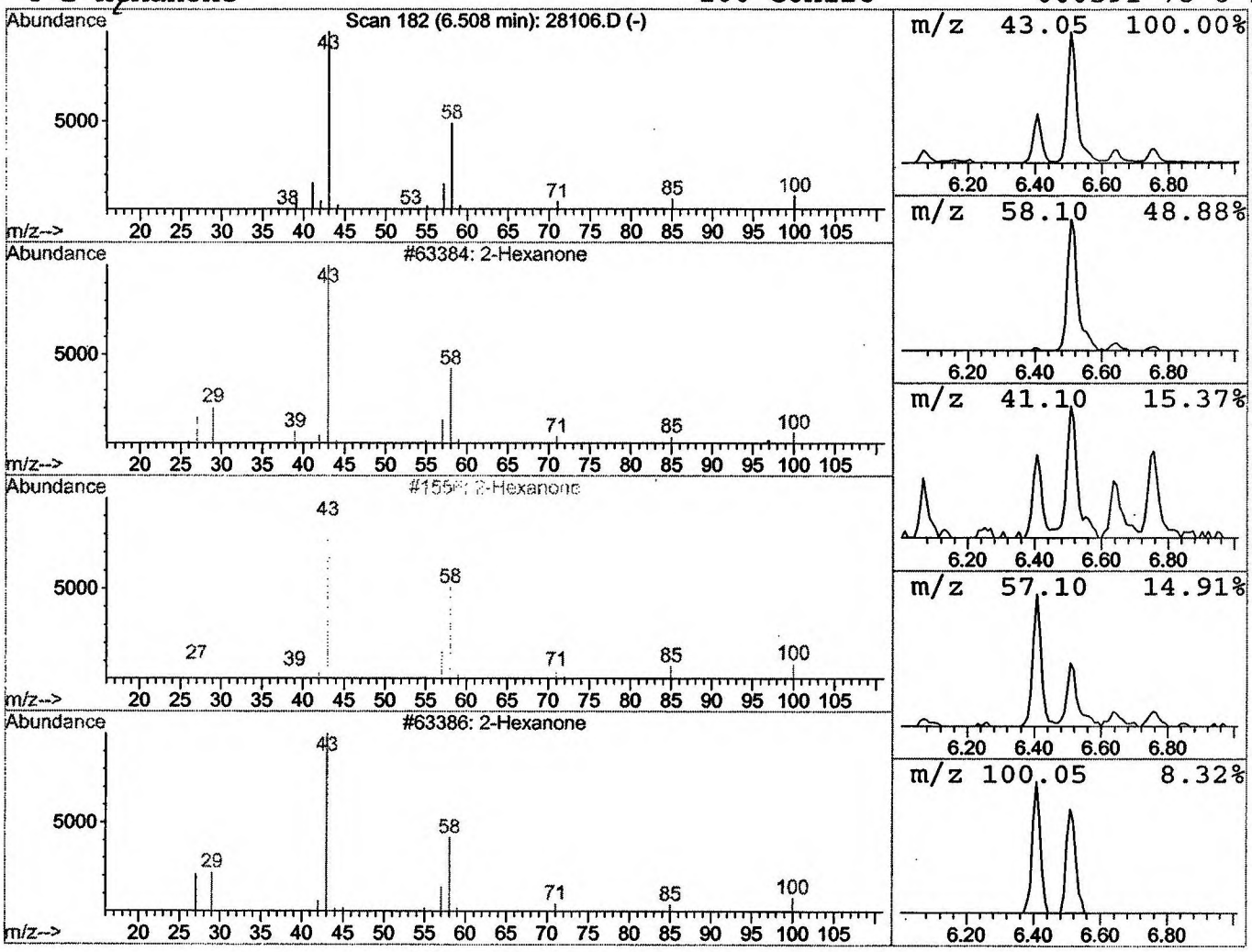
****

Peak Number 2 2-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.51	0.91 ng/uL	331396	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone	100	C6H12O	000591-78-6	91
3	2-Hexanone	100	C6H12O	000591-78-6	91
4	2-Hexanone	100	C6H12O	000591-78-6	91



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Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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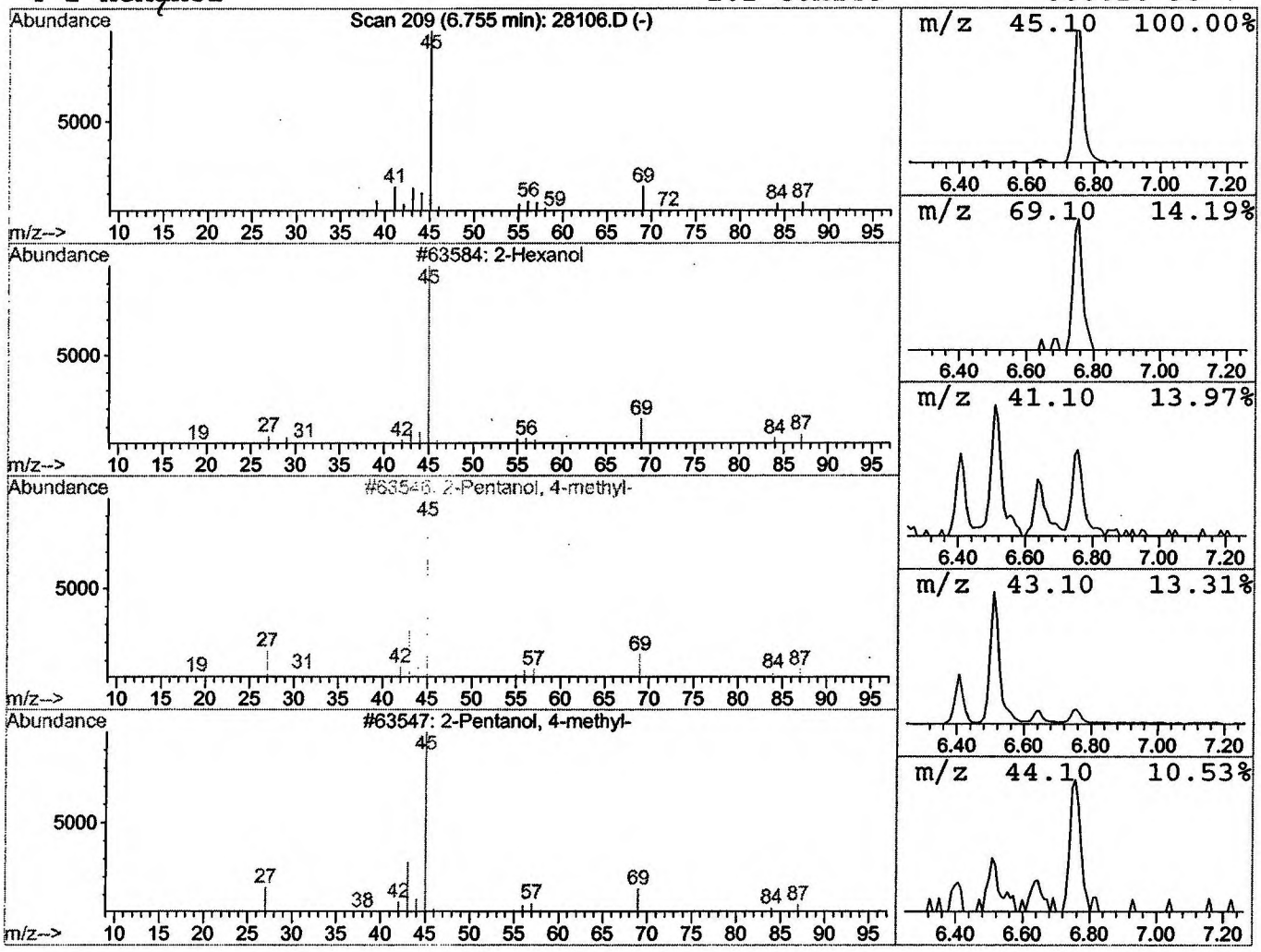
****

Peak Number 3 2-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.76	0.59 ng/uL	214380	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
4	2-Hexanol	102	C6H14O	000626-93-7	74



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Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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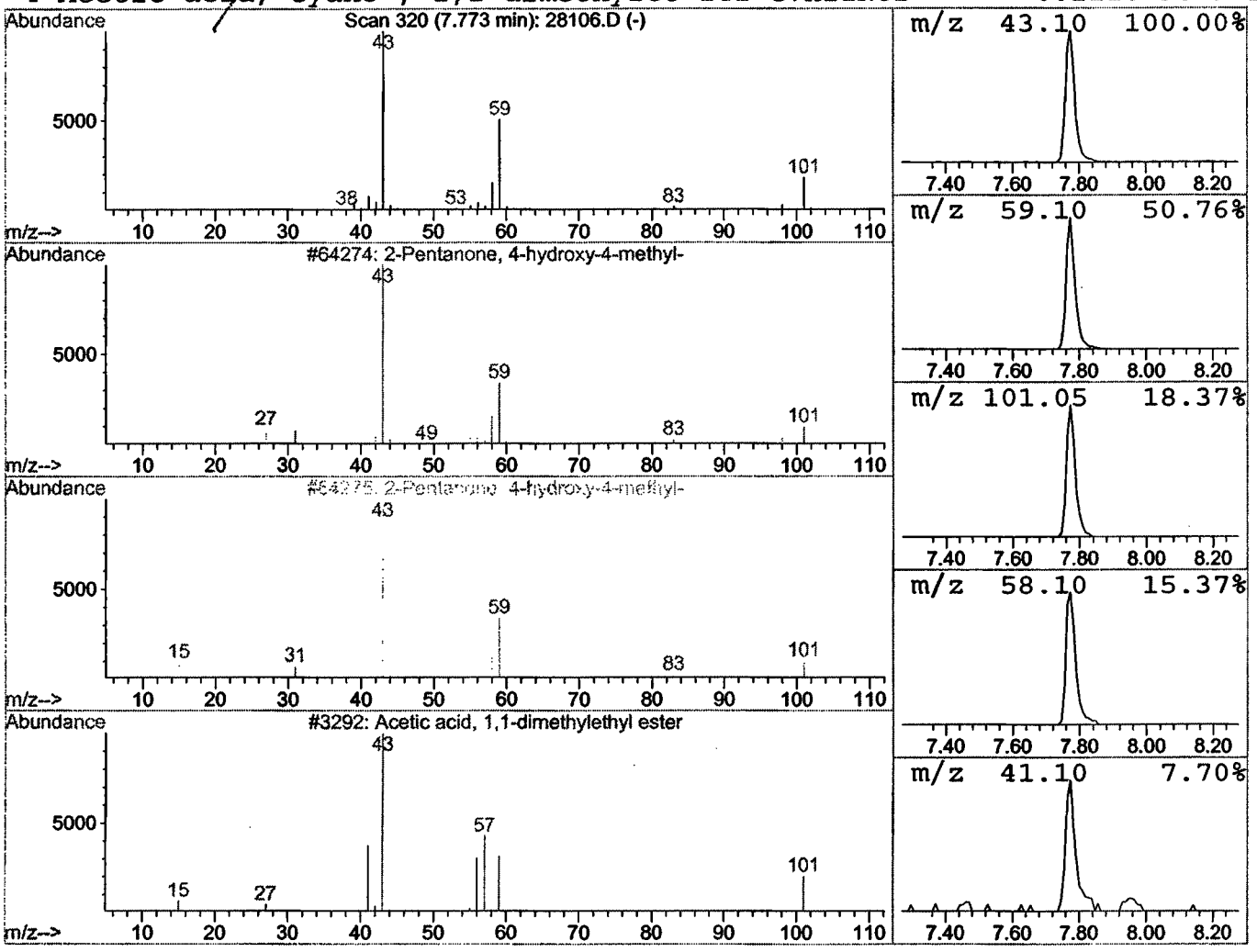
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	1.85 ng/uL	672848	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	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28
4	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	25



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Misc :
MS Integration Params: LSCINT.P

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Multiplr: 1.00

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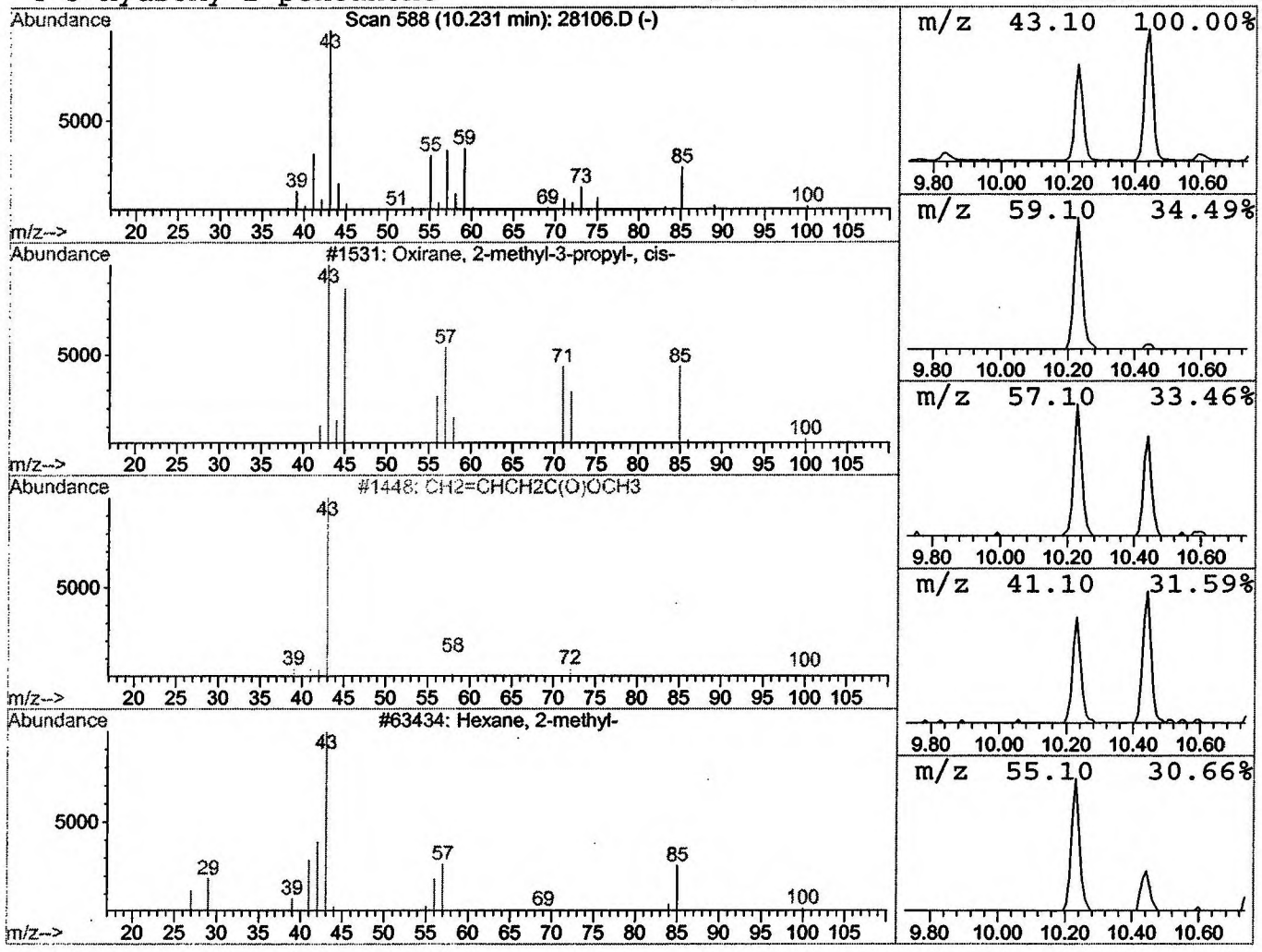
****

Peak Number 5 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	0.97 ng/uL	353754	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	38
2	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	16
3	Hexane, 2-methyl-	100	C7H16	000591-76-4	16
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	12



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Vial: 13
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Inst : GC/MS Ins
Multiplr: 1.00

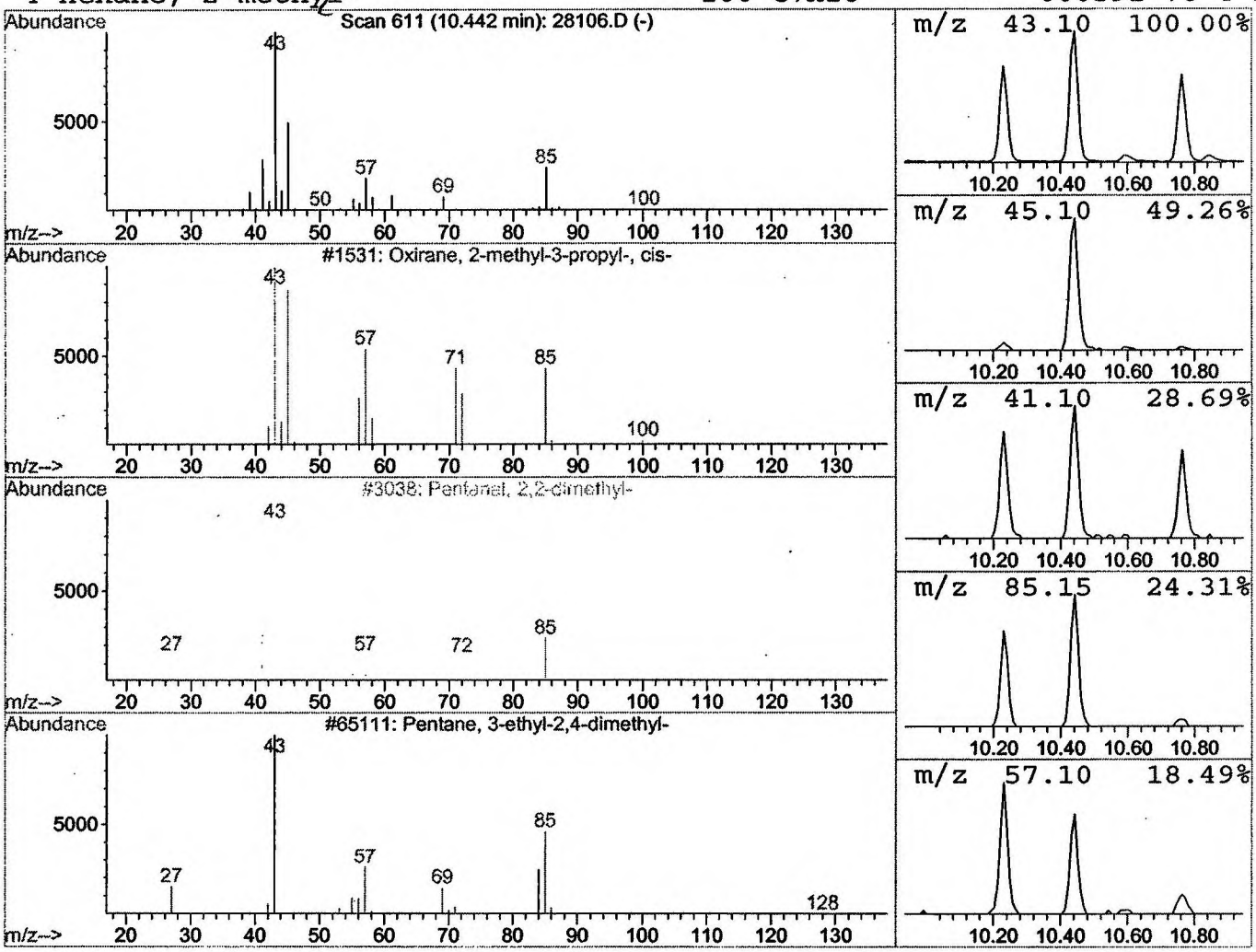
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	1.20 ng/uL	435316	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	42
2	Pentanal, 2,2-dimethyl-	114	C7H14O	014250-88-5	25
3	Pentane, 3-ethyl-2,4-dimethyl-	128	C9H20	001068-87-7	22
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	17



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Multiplr: 1.00

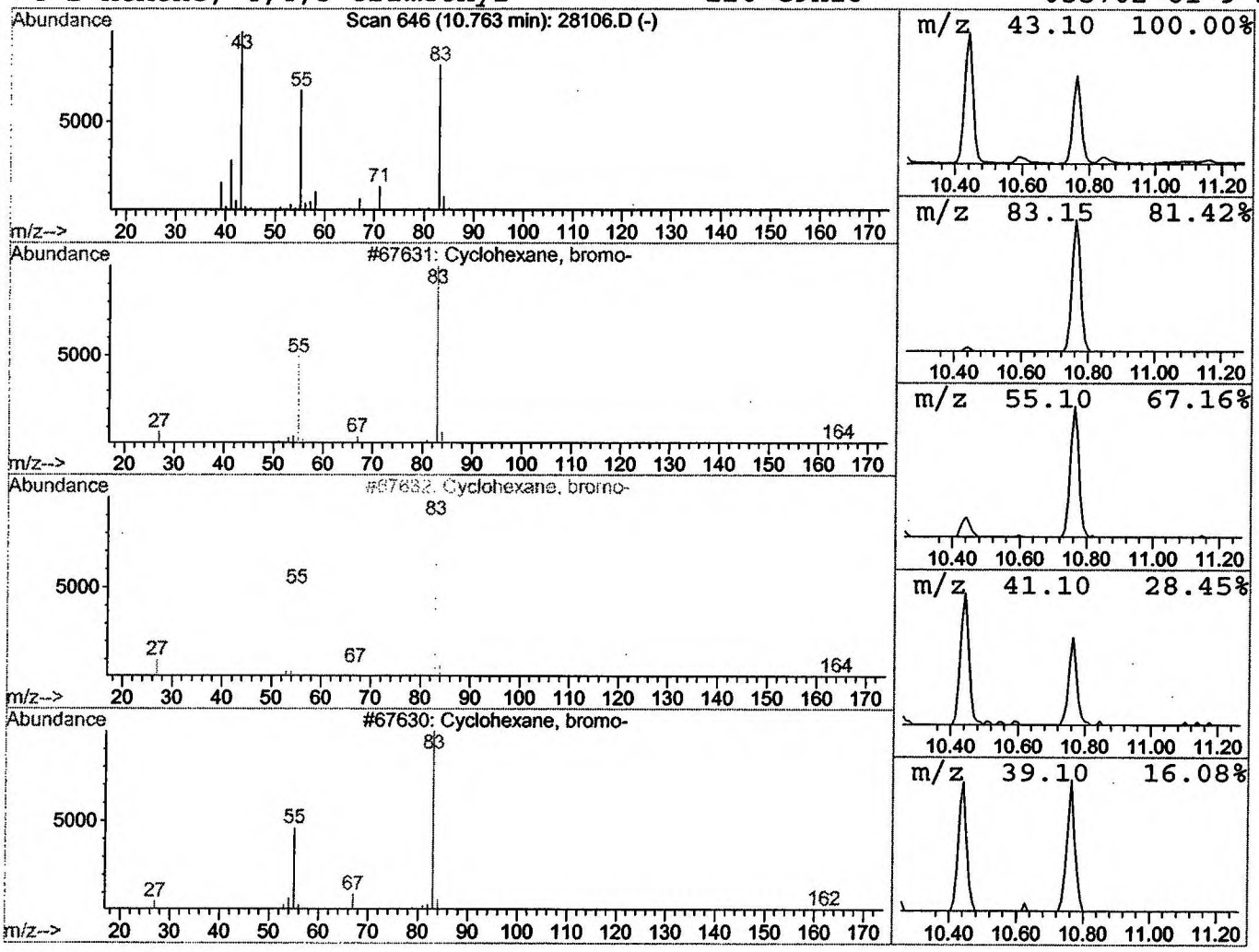
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Cyclohexane, bromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	1.01 ng/uL	366116	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	40
2	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	40
3	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	40
4	2-Hexene, 4,4,5-trimethyl-	126	C9H18	055702-61-9	33



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 22 Dec 2001 4:51 am
Data File: C:\HPCHEM\1\DATA\DEC2101\28106.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
3-Hexanone	6.41	0.5	ng/uL	169573	ISTD01	11.79	7272340	20.0
2-Hexanone	6.51	0.9	ng/uL	331396	ISTD01	11.79	7272340	20.0
2-Hexanol	6.76	0.6	ng/uL	214380	ISTD01	11.79	7272340	20.0
2-Pentanone, 4-hydro	7.77	1.9	ng/uL	672848	ISTD01	11.79	7272340	20.0
Oxirane, 2-methyl-3-	10.23	1.0	ng/uL	353754	ISTD01	11.79	7272340	20.0
Oxirane, 2-methyl-3-	10.44	1.2	ng/uL	435316	ISTD01	11.79	7272340	20.0
Cyclohexane, bromo-	10.76	1.0	ng/uL	366116	ISTD01	11.79	7272340	20.0

28106.D NP112701.M Fri Dec 28 09:55:48 2001