User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 09:06:02

Sample: AD28171
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 16:02 Ended: 1/2/02 16:02 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 AD28171 - Analysis $GCMS

Vestchester Dept. of Labs & Research
lser: Galos, Marie
)ate: 01-03-2002 Time: 09:06:24

. 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\DEC2101\28171.D Vial: 37
Acq On : 22 Dec 2001 1:59 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 8:58 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	838850	20.00	ng/uL	-0.15
19) Naphthalene-d8	15.40	136	3339449	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.67	164	1487215m	20.00	ng/uL	-0.15
49) Phenanthrene-d10	25.08	188	2249881m	20.00	ng/uL	-0.16
59) Chrysene-d12	33.09	240	1622781	20.00	ng/uL	-0.16
68) Perylene-d12	37.16	264	1029661	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	11.79	132	624	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	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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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	25.08	178	288	N.D.	
56) Anthracene	25.08	178	288	N.D.	
57) Di-n-butylphthalate	27.07	149	19753	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

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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	0.00	149	0	N.D.	
65) Benzo(a)anthracene	33.08	228	3998	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.35	149	4227	N.D.	
67) Chrysene	33.08	228	3998	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	3781	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

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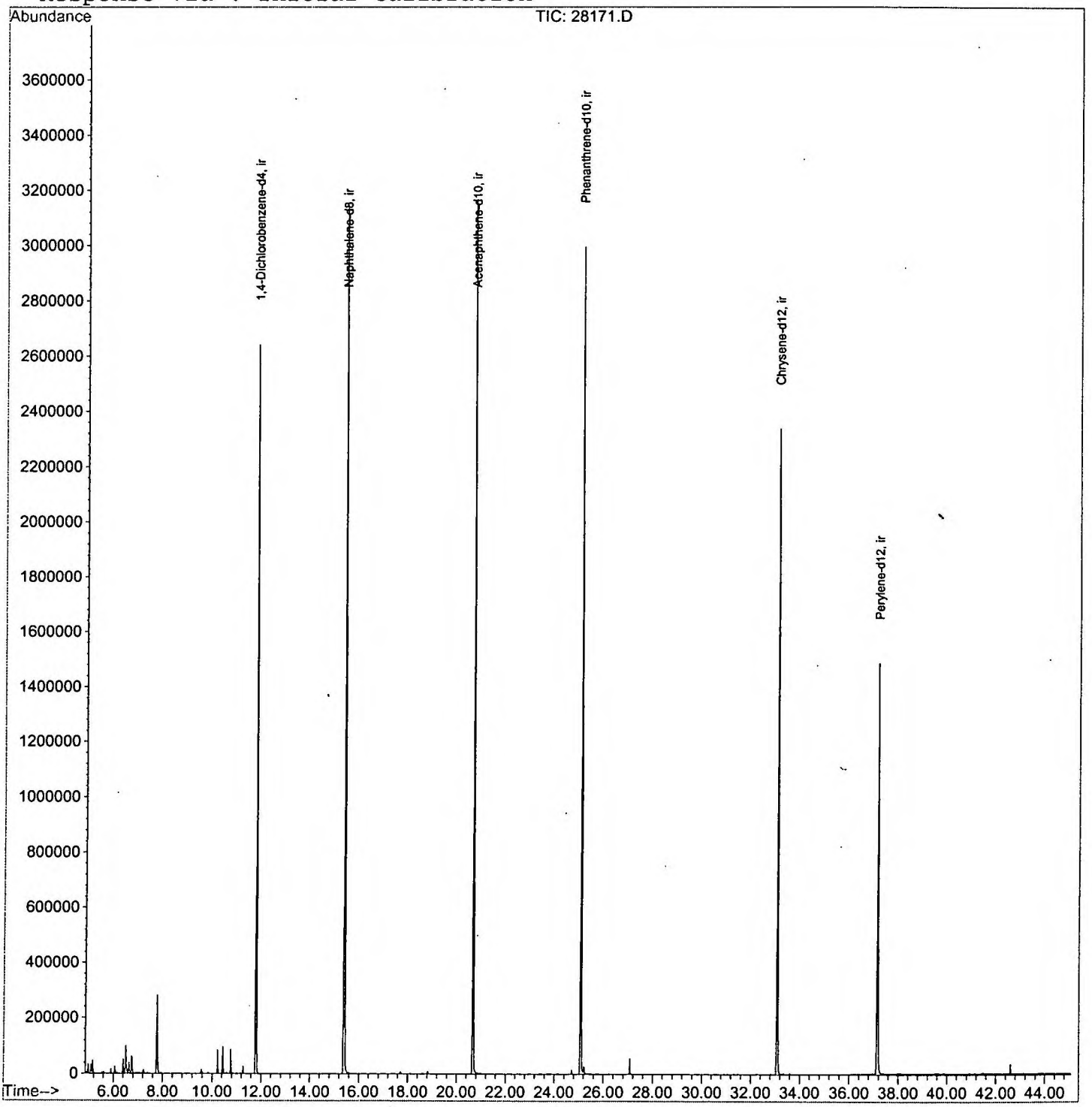
Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28171.D Vial: 37
Acq On : 22 Dec 2001 1:59 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

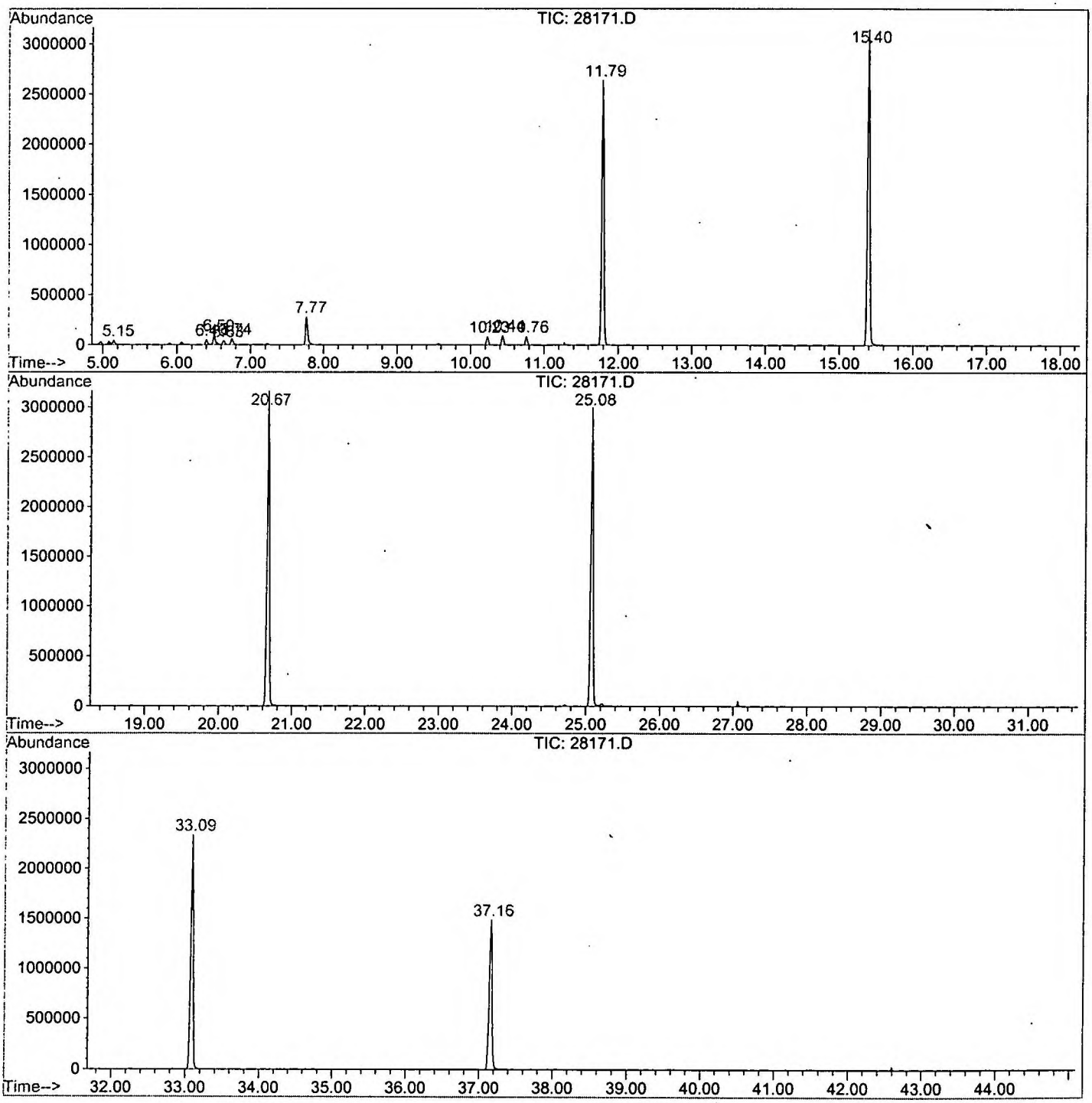
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.147	30	33	41	rVB	45938	79516	1.16%	0.219%
2	6.403	165	170	176	rBV	52186	100370	1.46%	0.276%
3	6.504	176	181	184	rBV	98941	179757	2.62%	0.494%
4	6.633	192	195	202	rVB	40087	75945	1.11%	0.209%
5	6.743	204	207	217	rVV	61578	129481	1.89%	0.356%
6	7.770	315	319	333	rBV	280720	578319	8.42%	1.590%
7	10.227	583	587	594	rVB	86272	142083	2.07%	0.391%
8	10.438	606	610	617	rBB	97008	169133	2.46%	0.465%
9	10.759	641	645	651	rBV	87726	152474	2.22%	0.419%
10	11.786	751	757	770	rBV	2642054	5289136	77.01%	14.537%
11	15.399	1144	1151	1167	rBV	3146455	6868137	100.00%	18.877%
12	20.672	1718	1726	1741	rBV	3165118	6727360	97.95%	18.490%
13	25.083	2199	2207	2217	rBV2	2995351	6503146	94.69%	17.874%
14	33.088	3073	3080	3090	rBV2	2338696	5396475	78.57%	14.832%
15	37.160	3515	3524	3534	rBV2	1486104	3991667	58.12%	10.971%

Sum of corrected areas: 36382999

28171.D NP112701.M Fri Dec 28 09:07:28 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28171.D
Operator : GALOS
Acquired : 22 Dec 2001 1:59 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/26
Misc Info :
Vial Number: 37
Quant File :NP112701.RES (RTE Integrator)



28171.D NP112701.M Fri Dec 28 09:07:31 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28171.D Vial: 37
Acq On : 22 Dec 2001 1:59 pm Operator: GALOS
Sample : gcms unknown 11/26 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

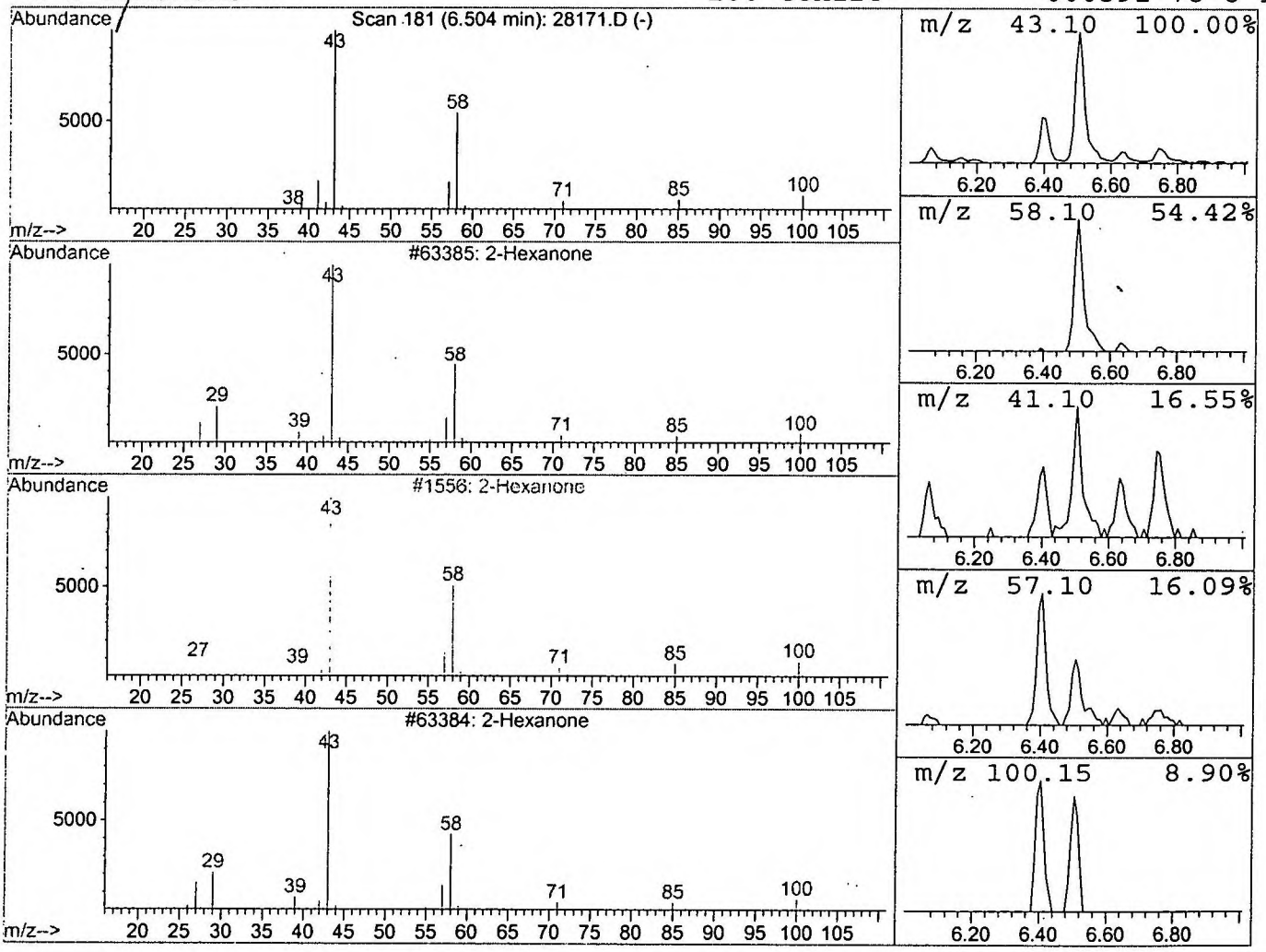
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	0.68 ng/uL	179757	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	90



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28171.D Vial: 37
Acq On : 22 Dec 2001 1:59 pm Operator: GALOS
Sample : gcms unknown 11/26 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

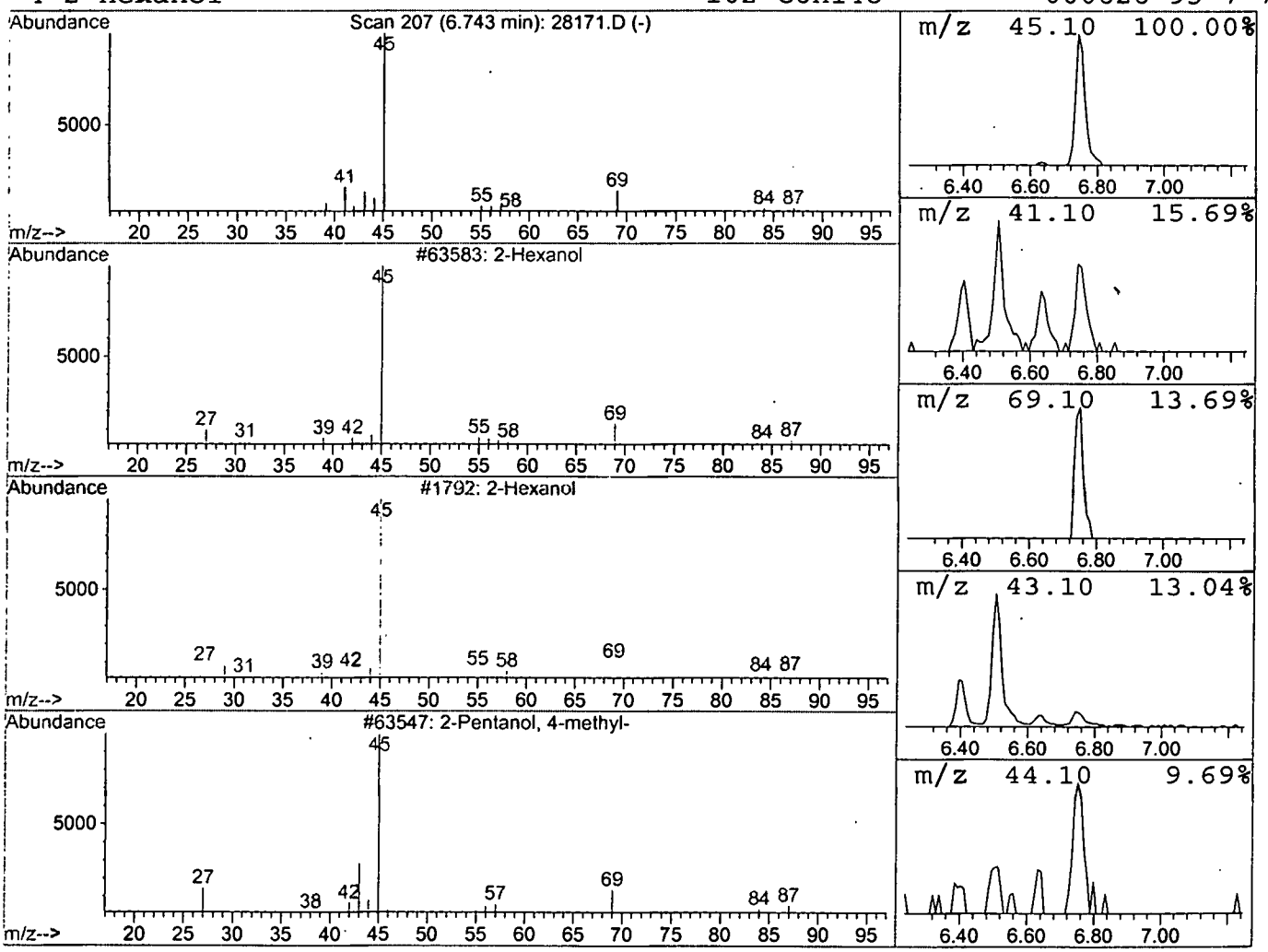
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.74	0.49 ng/uL	129481	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-Hexanol	102	C6H14O	000626-93-7	83
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
4	2-Hexanol	102	C6H14O	000626-93-7	74



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28171.D Vial: 37
Acq On : 22 Dec 2001 1:59 pm Operator: GALOS
Sample : gcms unknown 11/26 Inst : GC/MS Ins
Misc : Multiplr: 1.00
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Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
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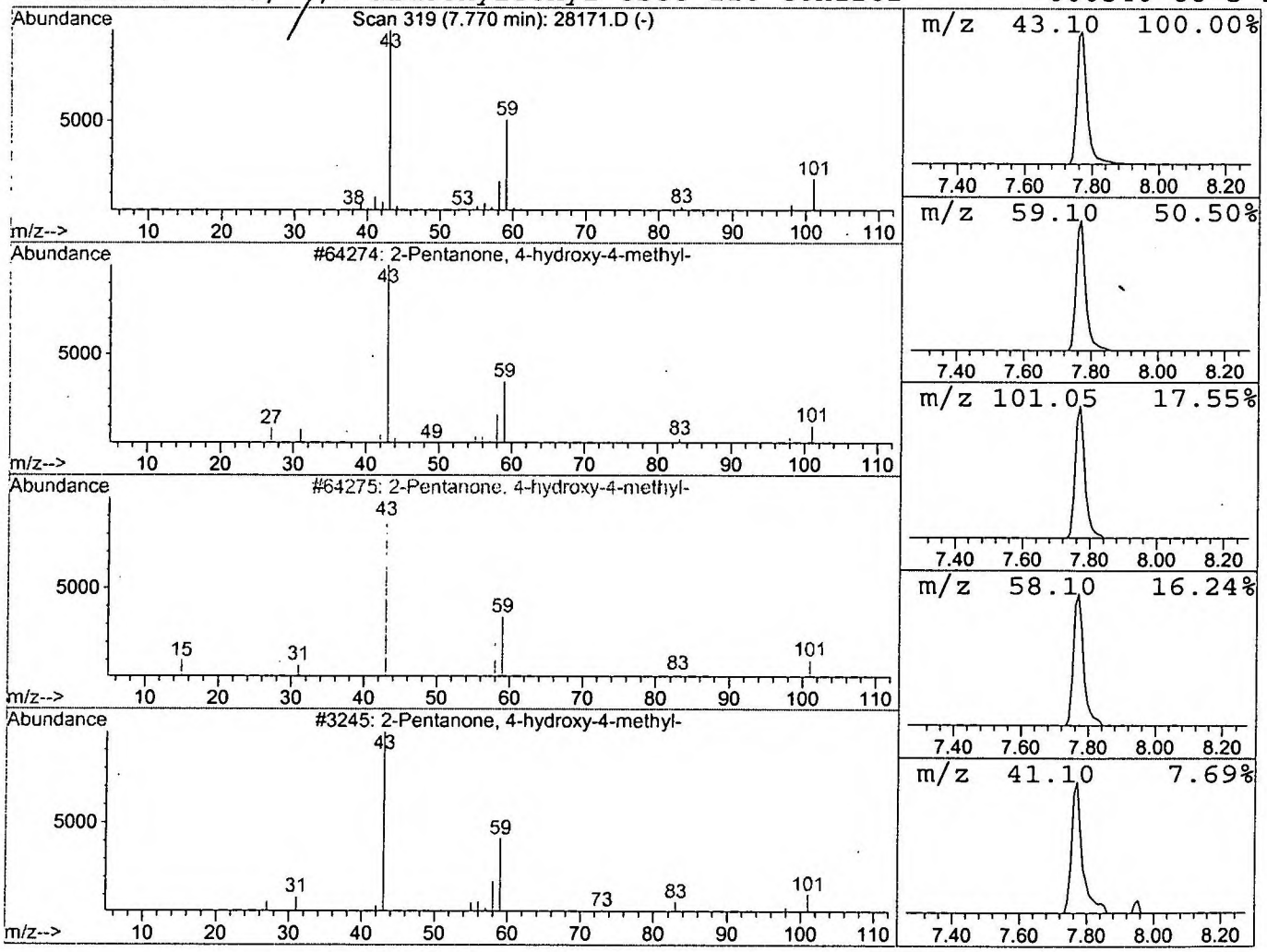
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.77	2.19 ng/uL	578319	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	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	43
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

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Acq On : 22 Dec 2001 1:59 pm Operator: GALOS
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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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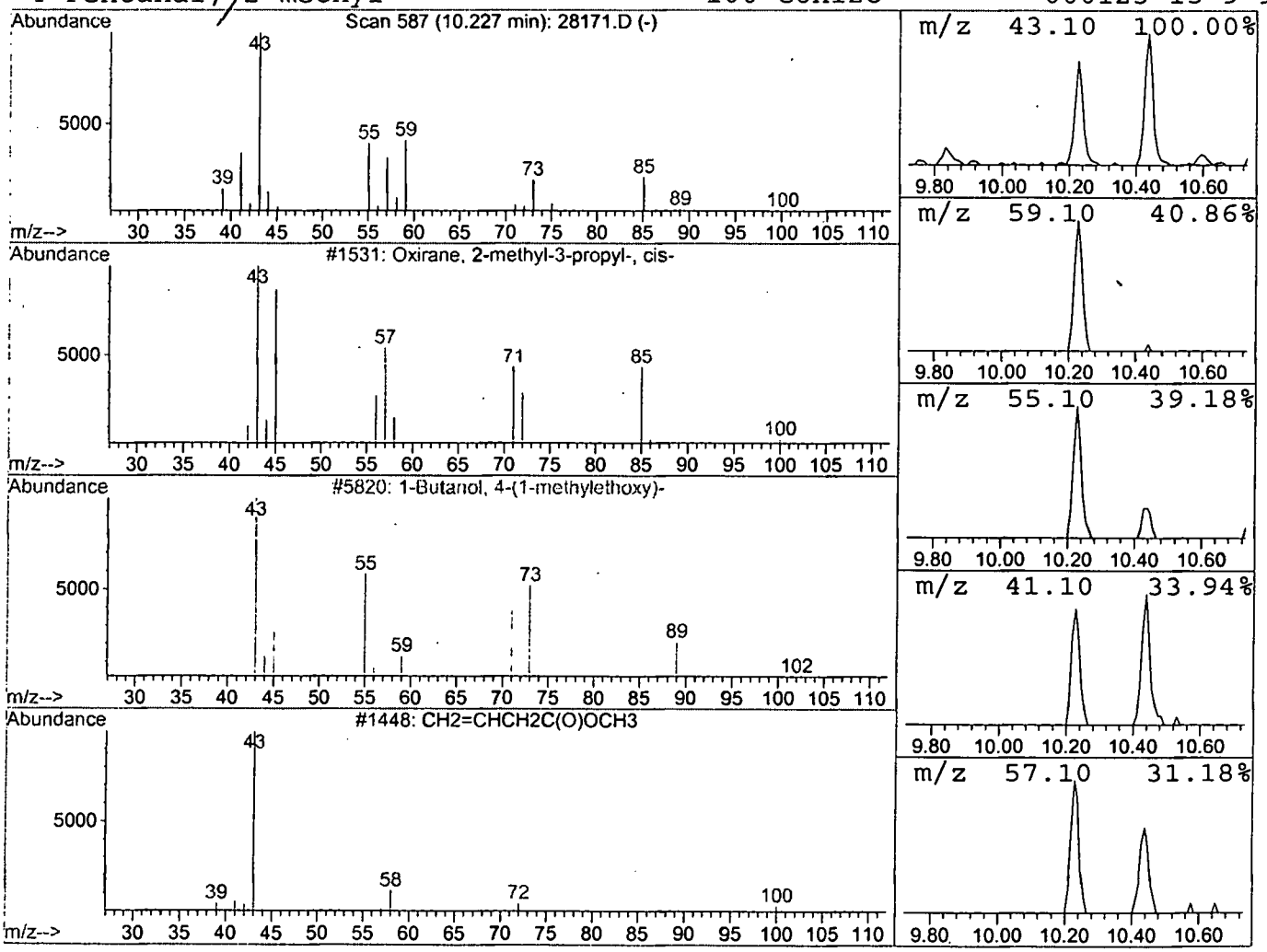
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	0.54 ng/uL	142083	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	10
2	1-Butanol, 4-(1-methylethoxy)-	132	C7H16O2	031600-69-8	10
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	9
4	Pentanal, 2-methyl-	100	C6H12O	000123-15-9	9



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Acq On : 22 Dec 2001 1:59 pm Operator: GALOS
Sample : gcms unknown 11/26 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

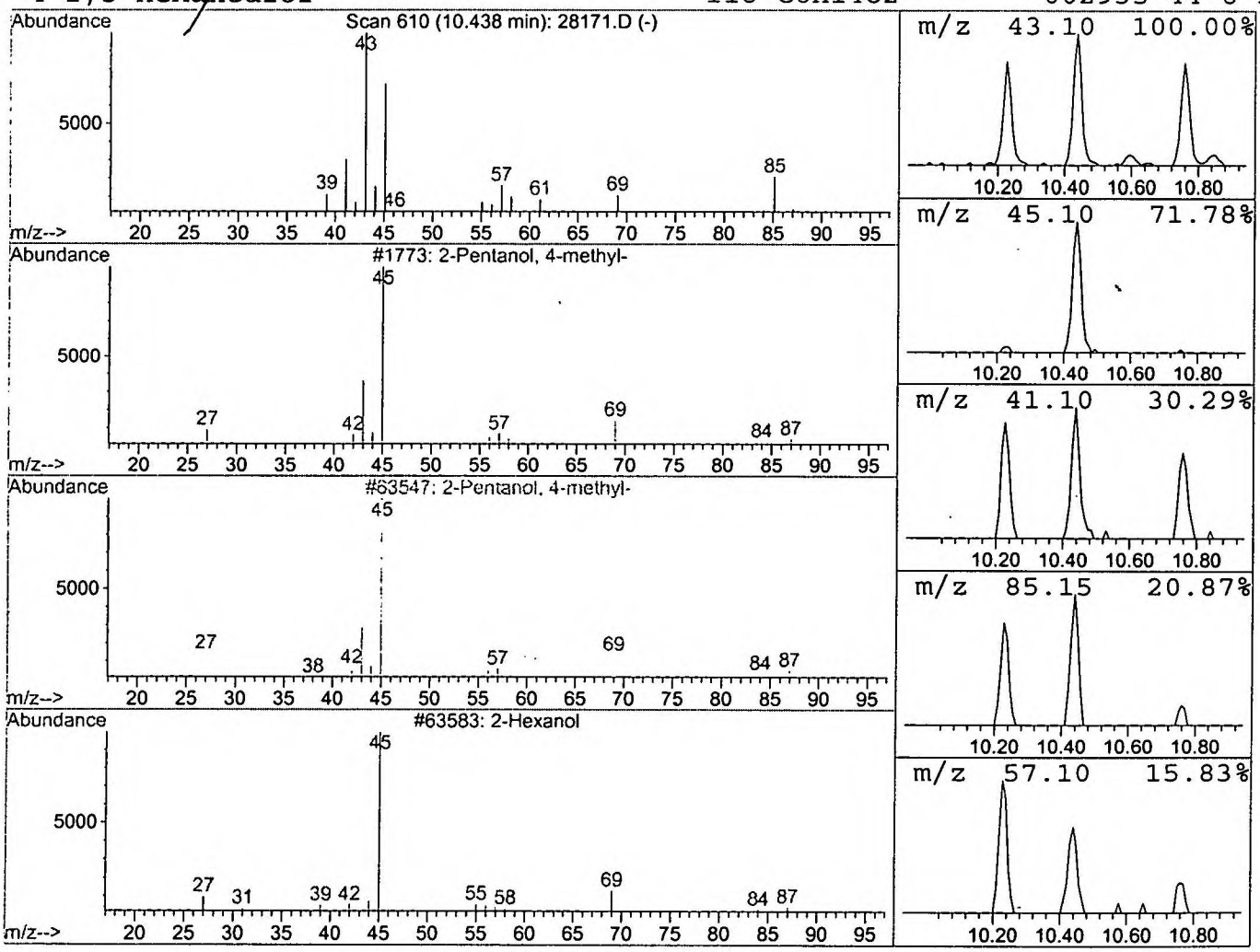
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Pentanol, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	0.64 ng/uL	169133	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	43
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	43
3	2-Hexanol	102	C6H14O	000626-93-7	38
4	2,5-Hexanediol	118	C6H14O2	002935-44-6	36



Library Search Compound Report

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Acq On : 22 Dec 2001 1:59 pm
Sample : gcms unknown 11/26
Misc :
MS Integration Params: LSCINT.P

Vial: 37
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

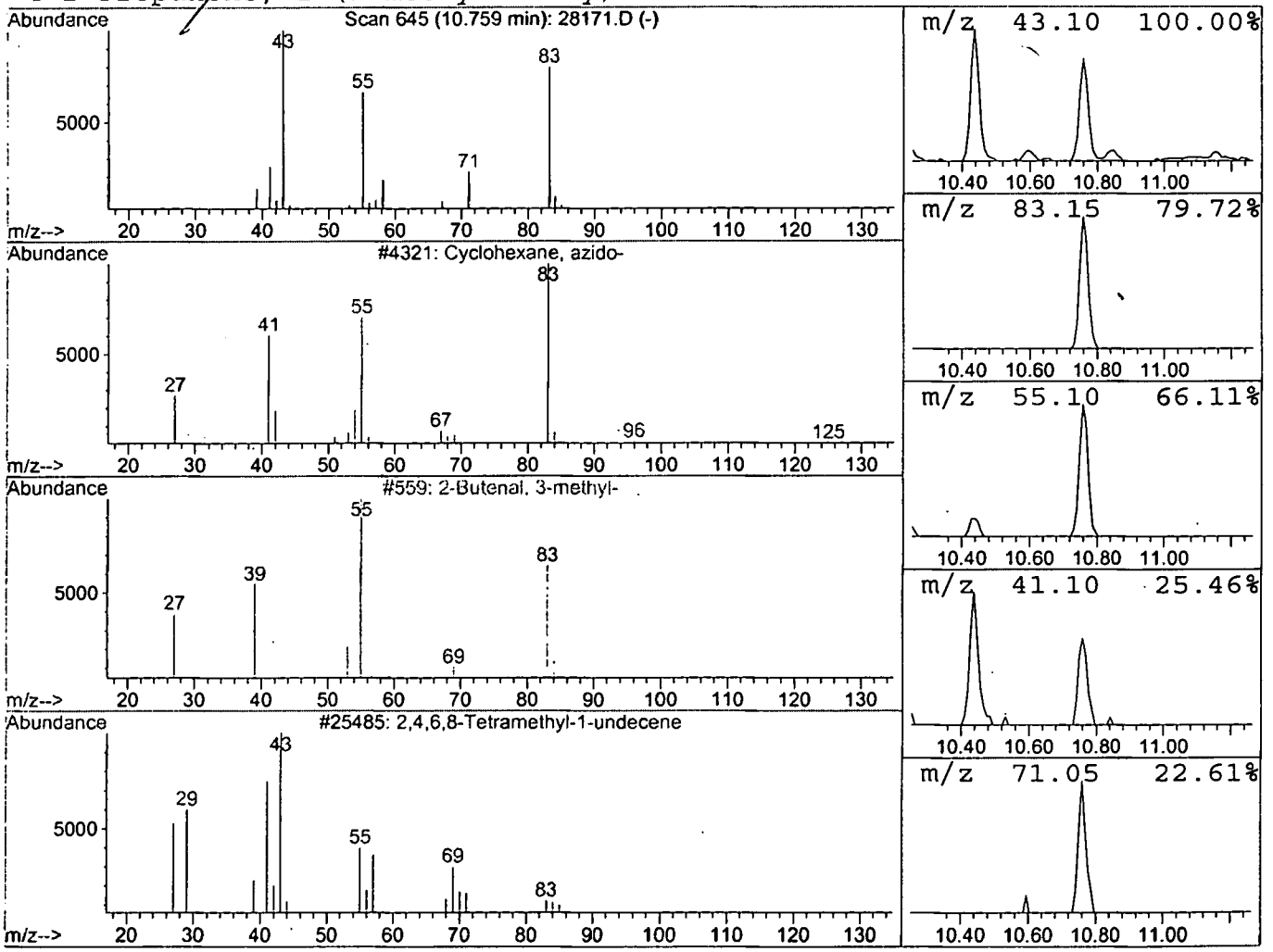
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Cyclohexane, azido- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	0.58 ng/uL	152474	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, azido-	125	C6H11N3	019573-22-9	28
2	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	25
3	2,4,6,8-Tetramethyl-1-undecene	210	C15H30	059920-26-2	9
4	2-Propanone, 1-(1-methylethoxy)-	116	C6H12O2	042781-12-4	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 22 Dec 2001 1:59 pm
Data File: C:\HPCHEM\1\DATA\DEC2101\28171.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
2-Hexanone	6.50	0.7	ng/uL	179757	ISTD01	11.79	5289140	20.0
2-Hexanol	6.74	0.5	ng/uL	129481	ISTD01	11.79	5289140	20.0
2-Pentanone, 4-hydro	7.77	2.2	ng/uL	578319	ISTD01	11.79	5289140	20.0
Oxirane, 2-methyl-3-	10.23	0.5	ng/uL	142083	ISTD01	11.79	5289140	20.0
2-Pentanol, 4-methyl	10.44	0.6	ng/uL	169133	ISTD01	11.79	5289140	20.0
Cyclohexane, azido-	10.76	0.6	ng/uL	152474	ISTD01	11.79	5289140	20.0

28171.D NP112701.M Fri Dec 28 09:07:45 2001