User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 15:38:30

Sample: AD28165
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 15:36 Ended: 1/2/02 15:36 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 AD28165 - Analysis $GCMS

Vestchester Dept. of Labs & Research
User: Galos, Marie
Date: 01-02-2002 Time: 15:38:41

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\28165.D Vial: 15
Acq On : 22 Dec 2001 6:40 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 9:43 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	849716	20.00	ng/uL	-0.15
19) Naphthalene-d8	15.40	136	3429776	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.67	164	1495064m	20.00	ng/uL	-0.15
49) Phenanthrene-d10	25.08	188	2231193	20.00	ng/uL	-0.16
59) Chrysene-d12	33.09	240	1558936	20.00	ng/uL	-0.16
68) Perylene-d12	37.16	264	1009337	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	667	0.01	ng/uL	0.35
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	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	3424	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	33.09	228	4128	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.35	149	12167	N.D.	
67) Chrysene	33.09	228	4128	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	37.15	252	3706	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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Sample : gcms unknown 11/23 Inst : GC/MS Ins
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Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
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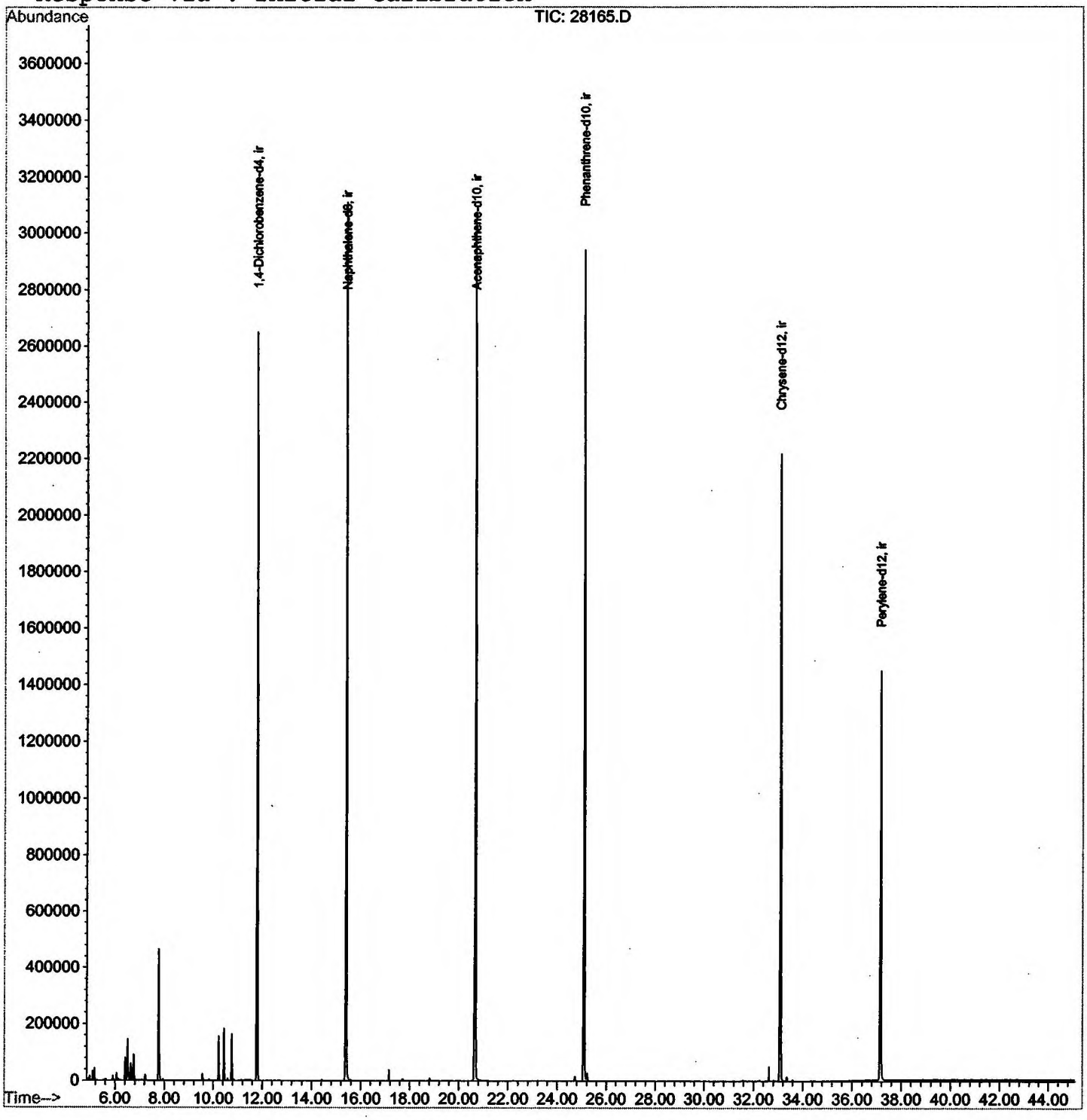


LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28165.D Vial: 15
Acq On : 22 Dec 2001 6:40 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

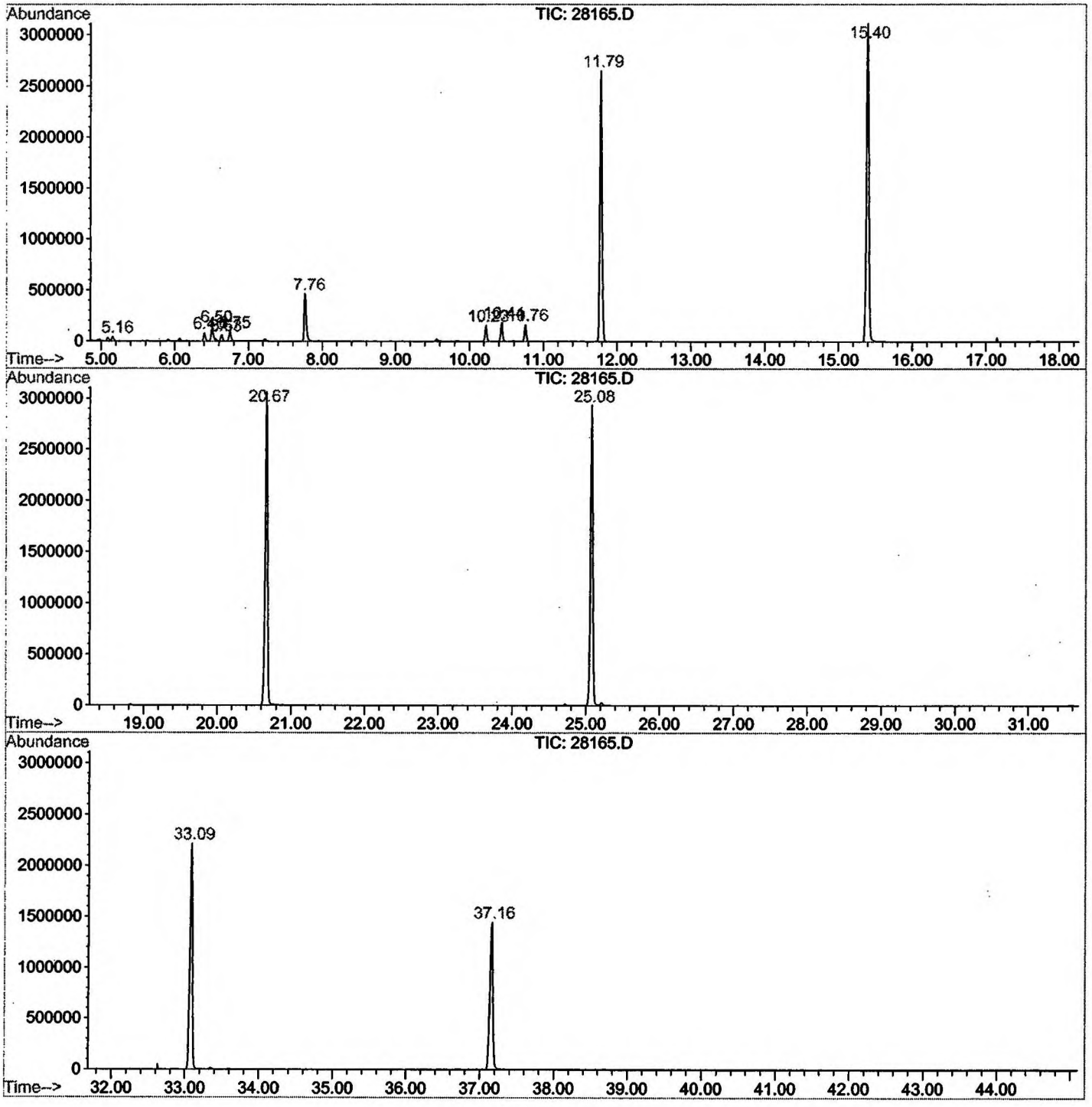
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.156	31	34	42	rVB	44576	82467	1.18%	0.221%
2	6.403	165	170	176	rBV	81000	144005	2.06%	0.386%
3	6.504	176	181	185	rVV	145188	278859	3.98%	0.748%
4	6.632	191	195	203	rVB	60382	114395	1.63%	0.307%
5	6.752	203	208	215	rBV	91363	184361	2.63%	0.495%
6	7.760	314	318	331	rBV	465588	952985	13.60%	2.557%
7	10.227	582	587	593	rBV	156119	256070	3.66%	0.687%
8	10.438	605	610	620	rVB	183386	317576	4.53%	0.852%
9	10.759	640	645	651	rBV	163382	284314	4.06%	0.763%
10	11.786	751	757	768	rVB	2648712	5340795	76.24%	14.328%
11	15.399	1143	1151	1163	rBV	3111194	7004793	100.00%	18.792%
12	20.672	1718	1726	1744	rBV	3065439	6762946	96.55%	18.143%
13	25.083	2199	2207	2218	rBV2	2939466	6425306	91.73%	17.237%
14	33.088	3072	3080	3097	rBV2	2216316	5182195	73.98%	13.903%
15	37.160	3515	3524	3540	rBV2	1444522	3944182	56.31%	10.581%

Sum of corrected areas: 37275249

28165.D NP112701.M Fri Dec 28 09:56:59 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28165.D
Operator : GALOS
Acquired : 22 Dec 2001 6:40 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/23
Misc Info :
Vial Number: 15
Quant File :NP112701.RES (RTE Integrator)



28165.D NP112701.M Fri Dec 28 09:57:01 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28165.D
Acq On : 22 Dec 2001 6:40 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

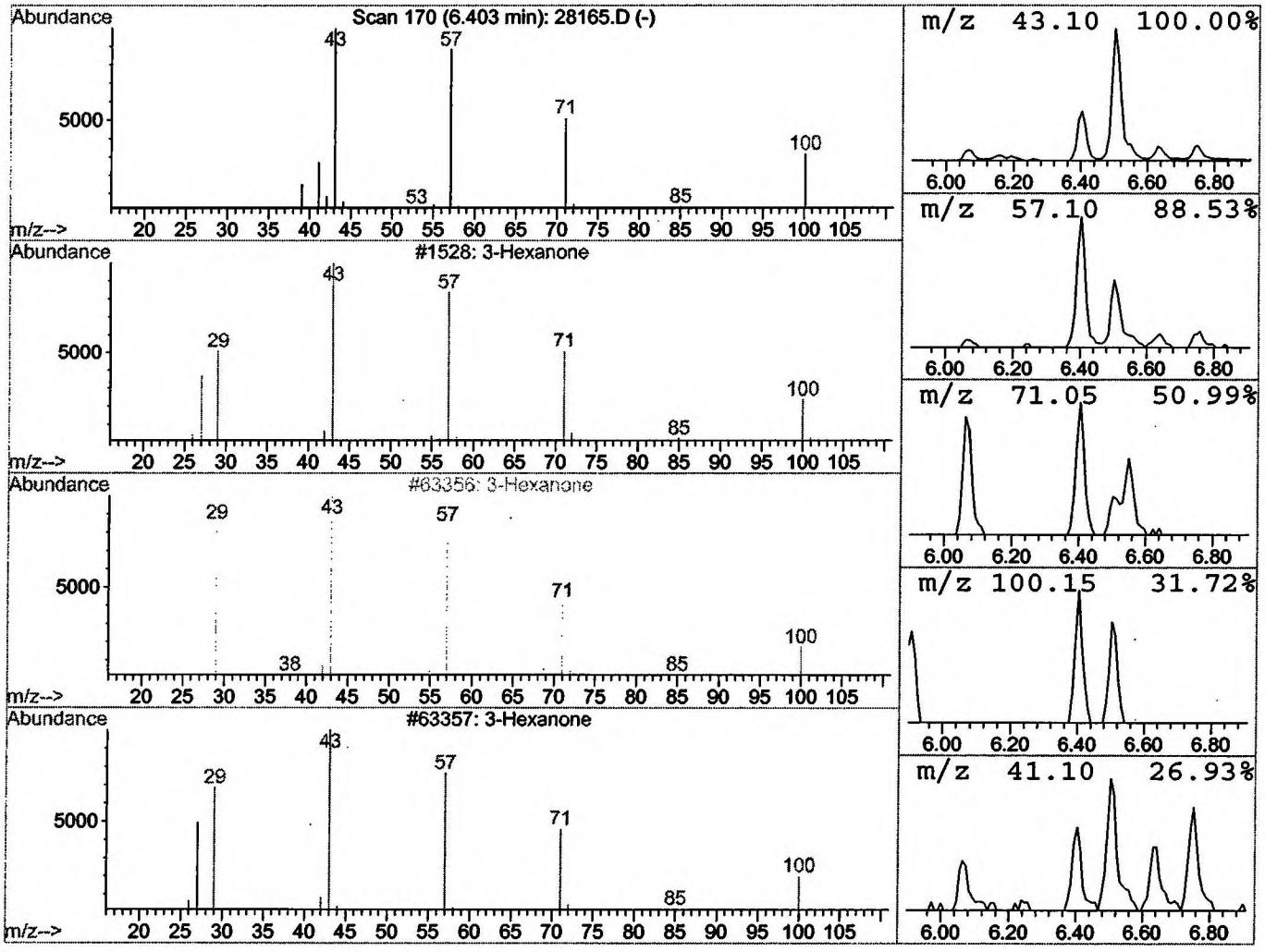
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	0.54 ng/uL	144005	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	86
2	3-Hexanone	100	C6H12O	000589-38-8	72
3	3-Hexanone	100	C6H12O	000589-38-8	56
4	3-Hexanone	100	C6H12O	000589-38-8	56



Library Search Compound Report

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Acq On : 22 Dec 2001 6:40 am Operator: GALOS
Sample : gcms unknown 11/23 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

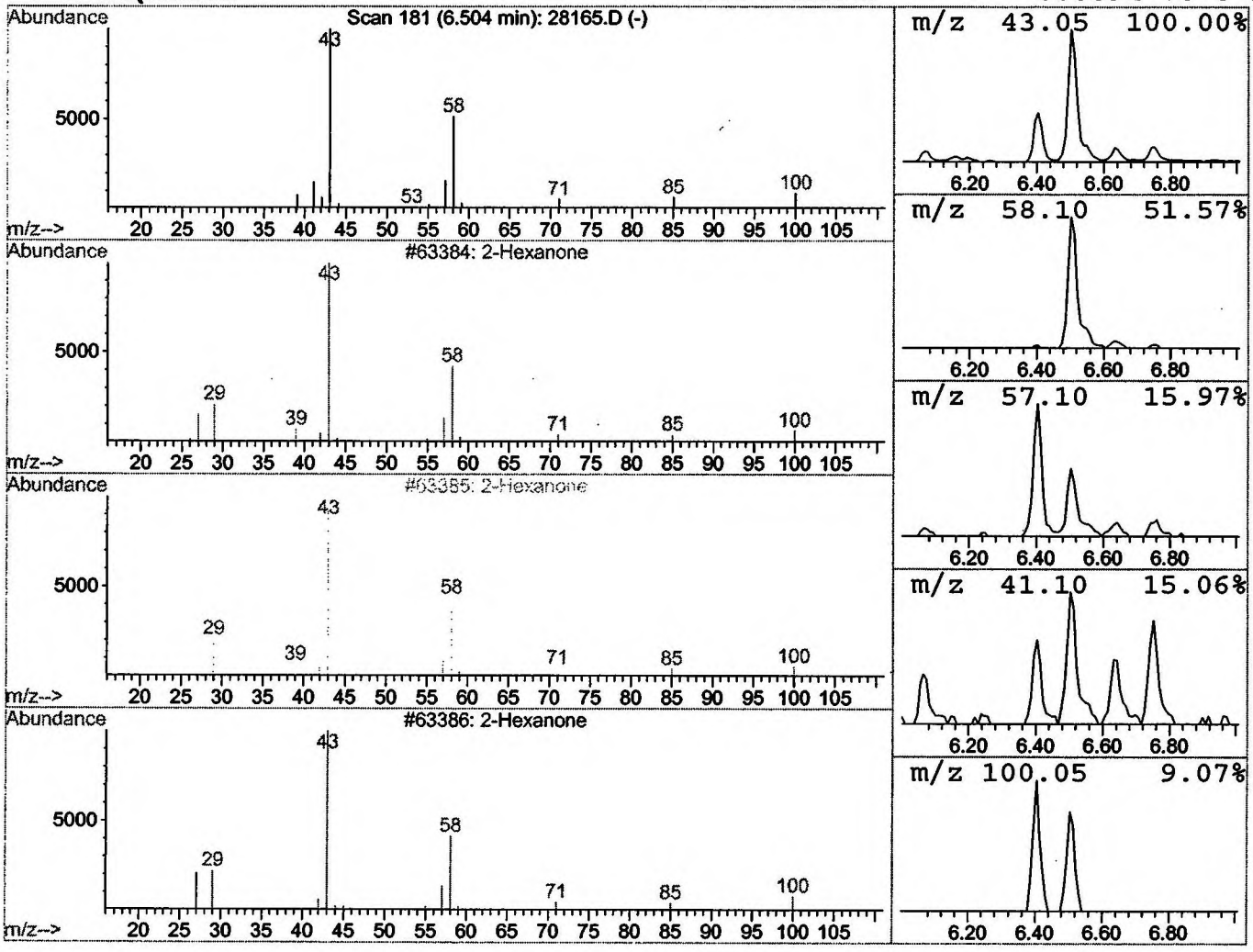
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	1.04 ng/uL	278859	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	90
4	2-Hexanone	100	C6H12O	000591-78-6	90



Library Search Compound Report

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Acq On : 22 Dec 2001 6:40 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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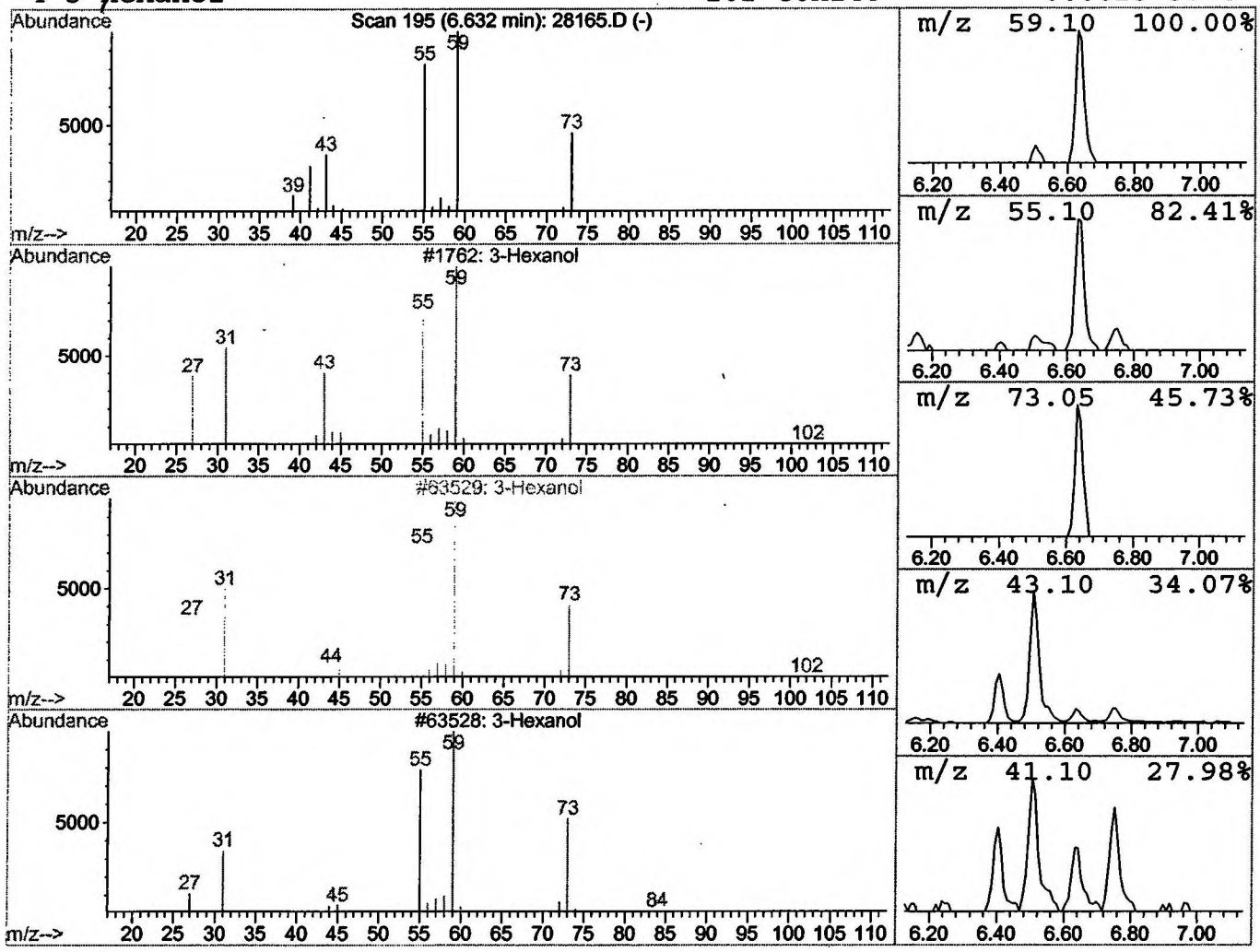
****

Peak Number 3 3-Hexanol Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.63	0.43 ng/uL	114395	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Hexanol	102	C6H14O	000623-37-0	83
3	3-Hexanol	102	C6H14O	000623-37-0	83
4	3-Hexanol	102	C6H14O	000623-37-0	83



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Acq On : 22 Dec 2001 6:40 am Operator: GALOS
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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

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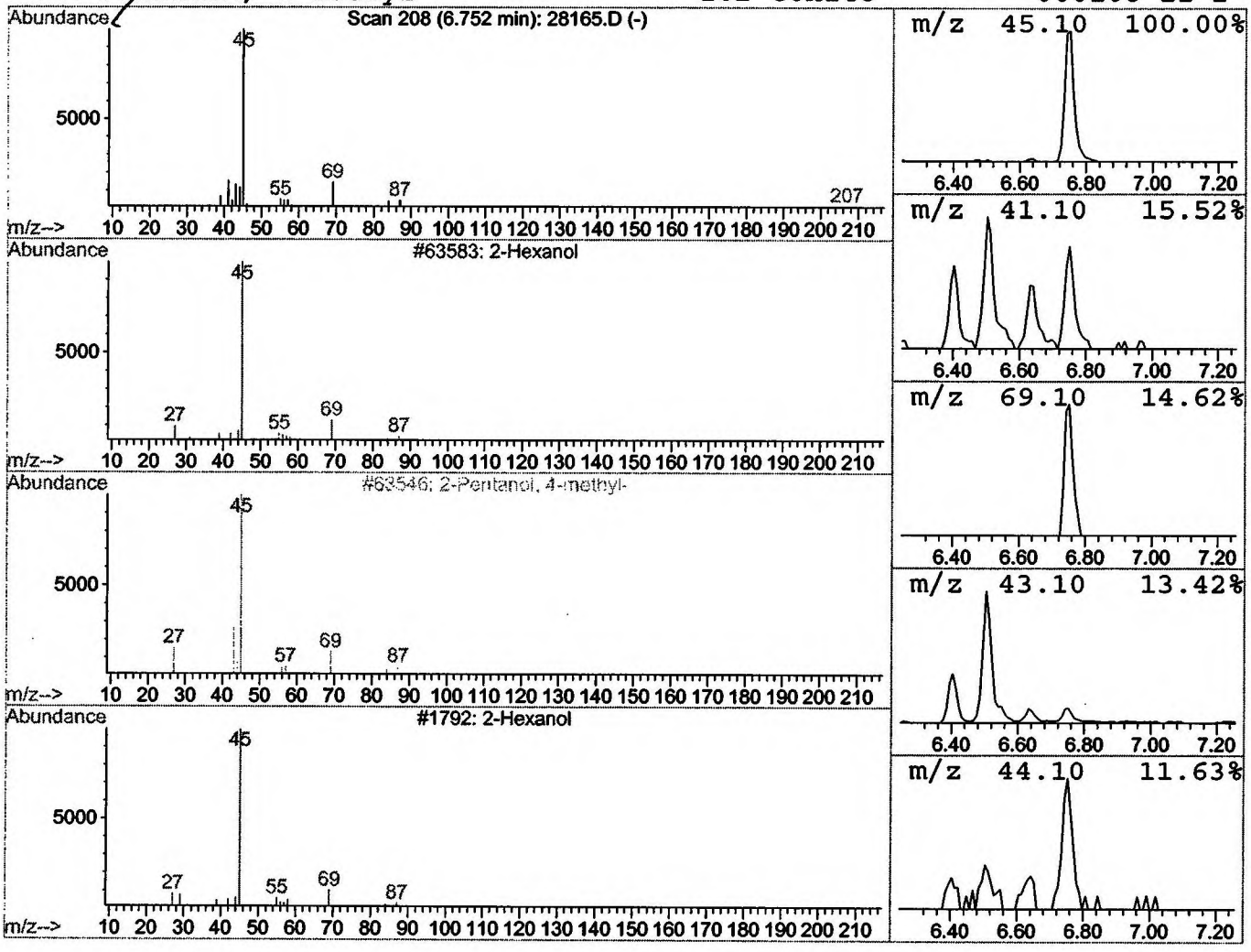
****

Peak Number 4 2-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.75	0.69 ng/uL	184361	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-Hexanol	102	C6H14O	000626-93-7	74
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74



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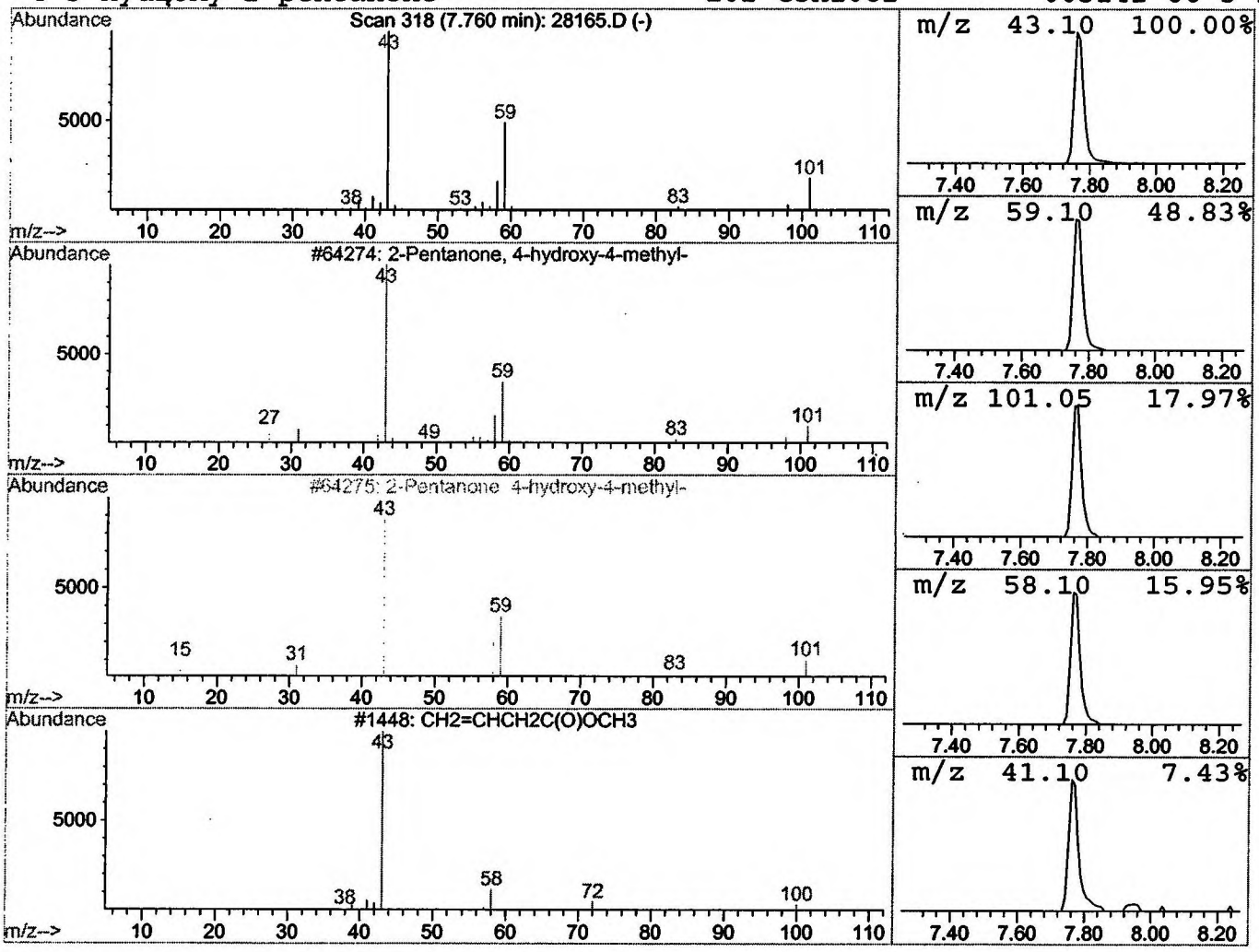
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	3.57 ng/uL	952985	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	40
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	25
3	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	12
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



Library Search Compound Report

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Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

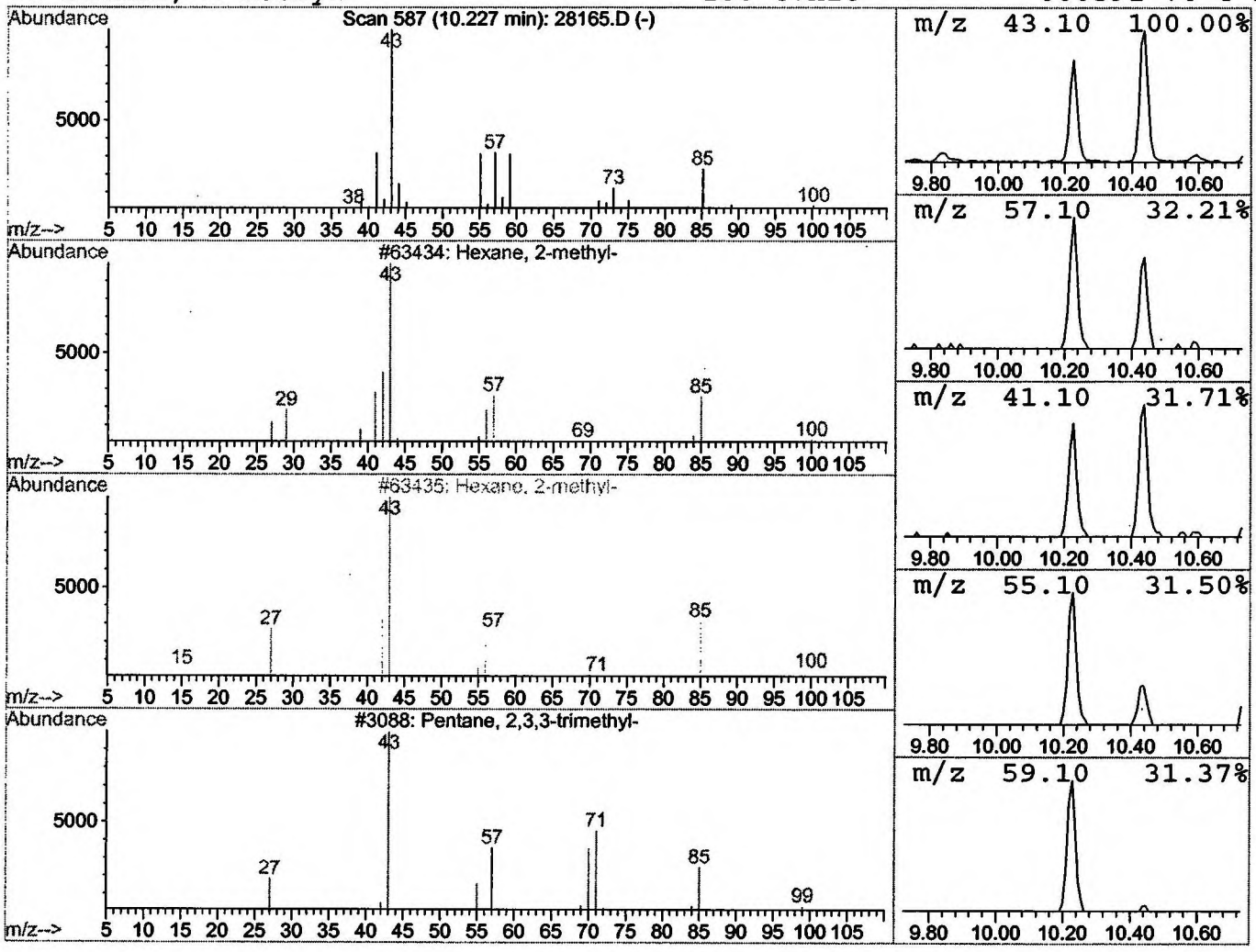
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 Hexane, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.23	0.96 ng/uL	256070	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	25
2	Hexane, 2-methyl-	100	C7H16	000591-76-4	17
3	Pentane, 2,3,3-trimethyl-	114	C8H18	000560-21-4	17
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	17



Library Search Compound Report

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Acq On : 22 Dec 2001 6:40 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

Vial: 15
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

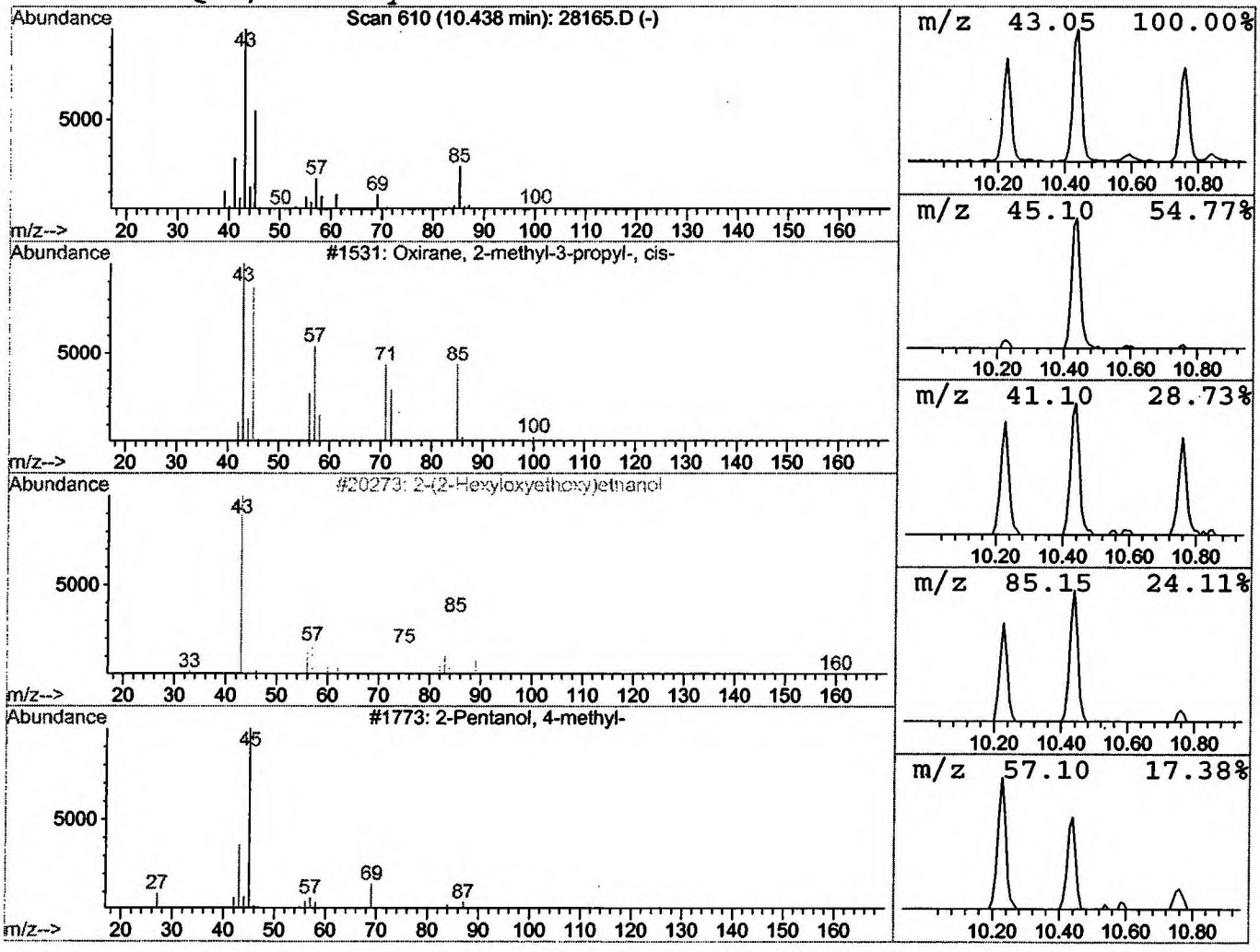
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Oxirane, 2-methyl-3-propyl-, c Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	1.19 ng/uL	317576	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	2-(2-Hexyloxyethoxy)ethanol	190	C10H22O3	000112-59-4	39
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	38
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28165.D Vial: 15
Acq On : 22 Dec 2001 6:40 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

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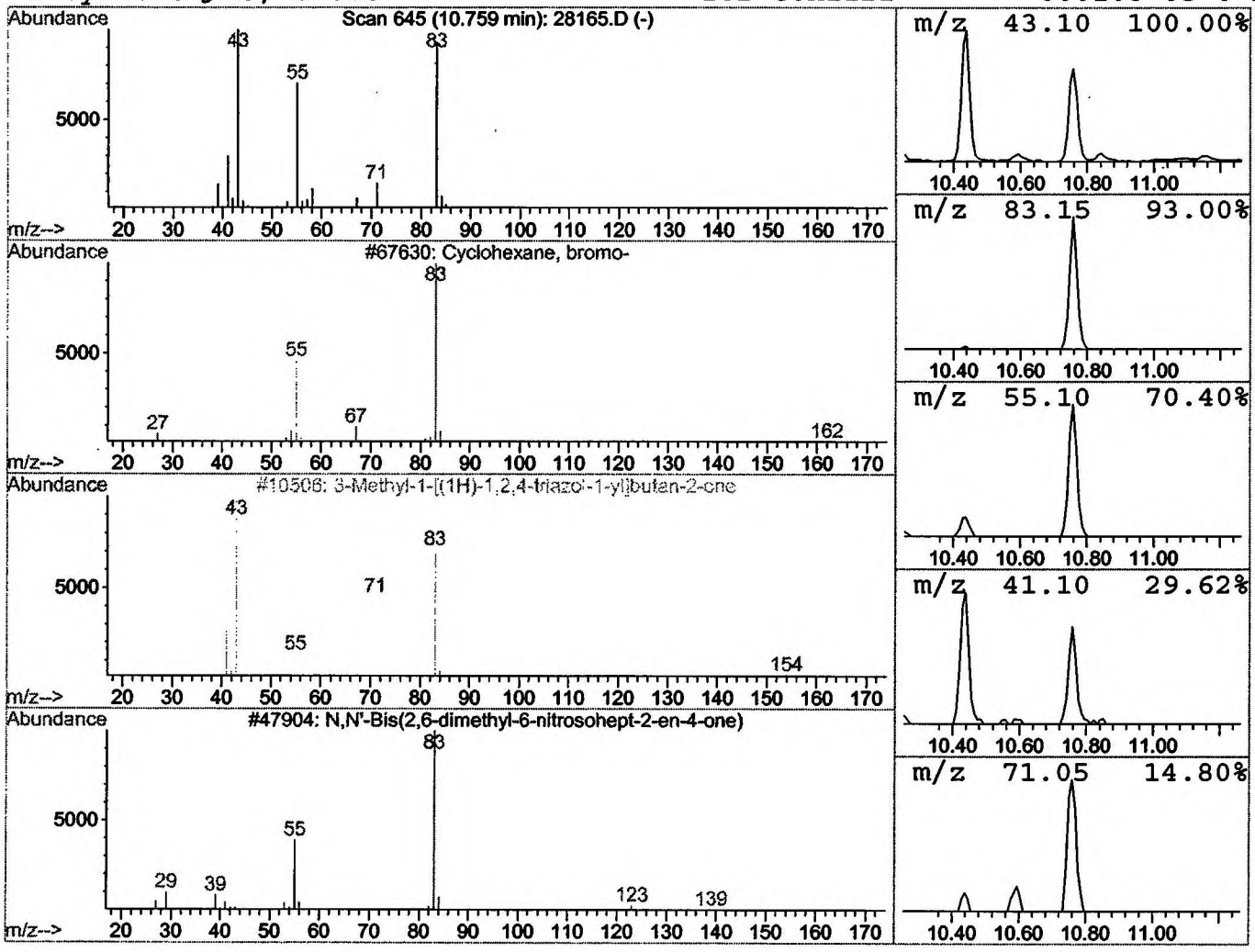
Peak Number 8 Cyclohexane, bromo- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	1.06 ng/uL	284314	1,4-Dichlorobenzene-d4	11.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	38
2	3-Methyl-1-[(1H)-1,2,4-triazol-1-yl	153	C7H11N3O	064922-02-7	36
3	N,N'-Bis(2,6-dimethyl-6-nitrosohept	338	C18H30N2O4	066737-12-0	28
4	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 22 Dec 2001 6:40 am
Data File: C:\HPCHEM\1\DATA\DEC2101\28165.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	6.40	0.5	ng/uL	144005	ISTD01	11.79	5340800	20.0
2-Hexanone	6.50	1.0	ng/uL	278859	ISTD01	11.79	5340800	20.0
3-Hexanol	6.63	0.4	ng/uL	114395	ISTD01	11.79	5340800	20.0
2-Hexanol	6.75	0.7	ng/uL	184361	ISTD01	11.79	5340800	20.0
2-Pentanone, 4-hydro	7.76	3.6	ng/uL	952985	ISTD01	11.79	5340800	20.0
Hexane, 2-methyl-	10.23	1.0	ng/uL	256070	ISTD01	11.79	5340800	20.0
Oxirane, 2-methyl-3-	10.44	1.2	ng/uL	317576	ISTD01	11.79	5340800	20.0
Cyclohexane, bromo-	10.76	1.1	ng/uL	284314	ISTD01	11.79	5340800	20.0

28165.D NP112701.M Fri Dec 28 09:57:19 2001