User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 16:00:41

Sample: AD28167
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 15:59 Ended: 1/2/02 15:59 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 AD28167 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Jser: Galos, Marie
)ate: 01-02-2002 Time: 16:00:52

\ 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\28167.D Vial: 17
Acq On : 22 Dec 2001 9:25 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 9:44 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	700281	20.00	ng/uL	-0.15
19) Naphthalene-d8	15.40	136	2761165	20.00	ng/uL	-0.15
31) Acenaphthene-d10	20.67	164	1213549	20.00	ng/uL	-0.15
49) Phenanthrene-d10	25.08	188	1861902m	20.00	ng/uL	-0.16
59) Chrysene-d12	33.08	240	1321984	20.00	ng/uL	-0.17
68) Perylene-d12	37.15	264	832979	20.00	ng/uL	-0.19

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	382	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	18.83	172	1286	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

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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	2915	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	0.00	149	0	N.D.	
65)	Benzo(a)anthracene	33.08	228	2964	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.35	149	3525	N.D.	
67)	Chrysene	33.08	228	2964	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	2591	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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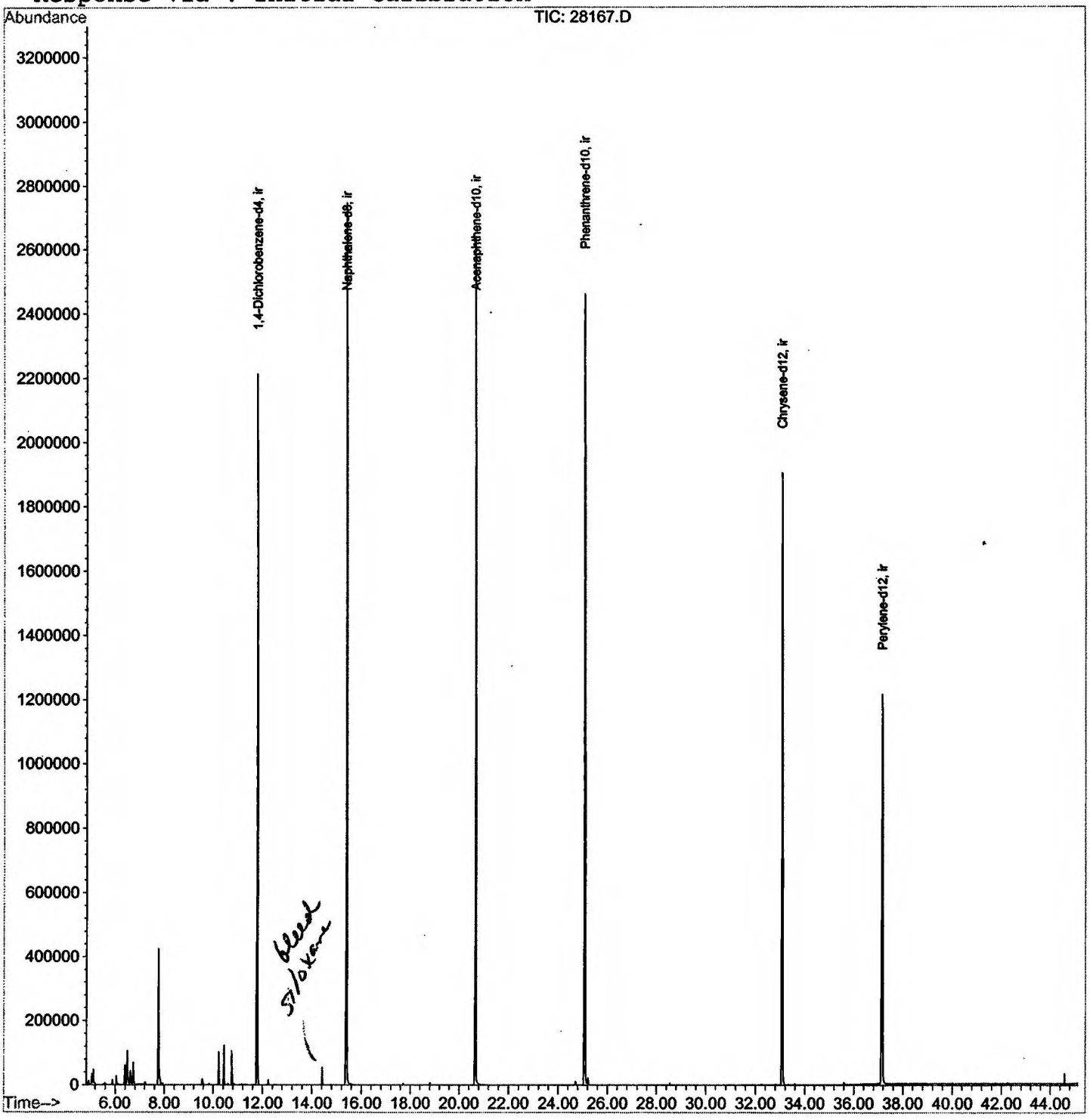
Sample : gcms unknown 11/23 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 28 9:44 2001 Quant Results File: NP112701.RES

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\28167.D Vial: 17
Acq On : 22 Dec 2001 9:25 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

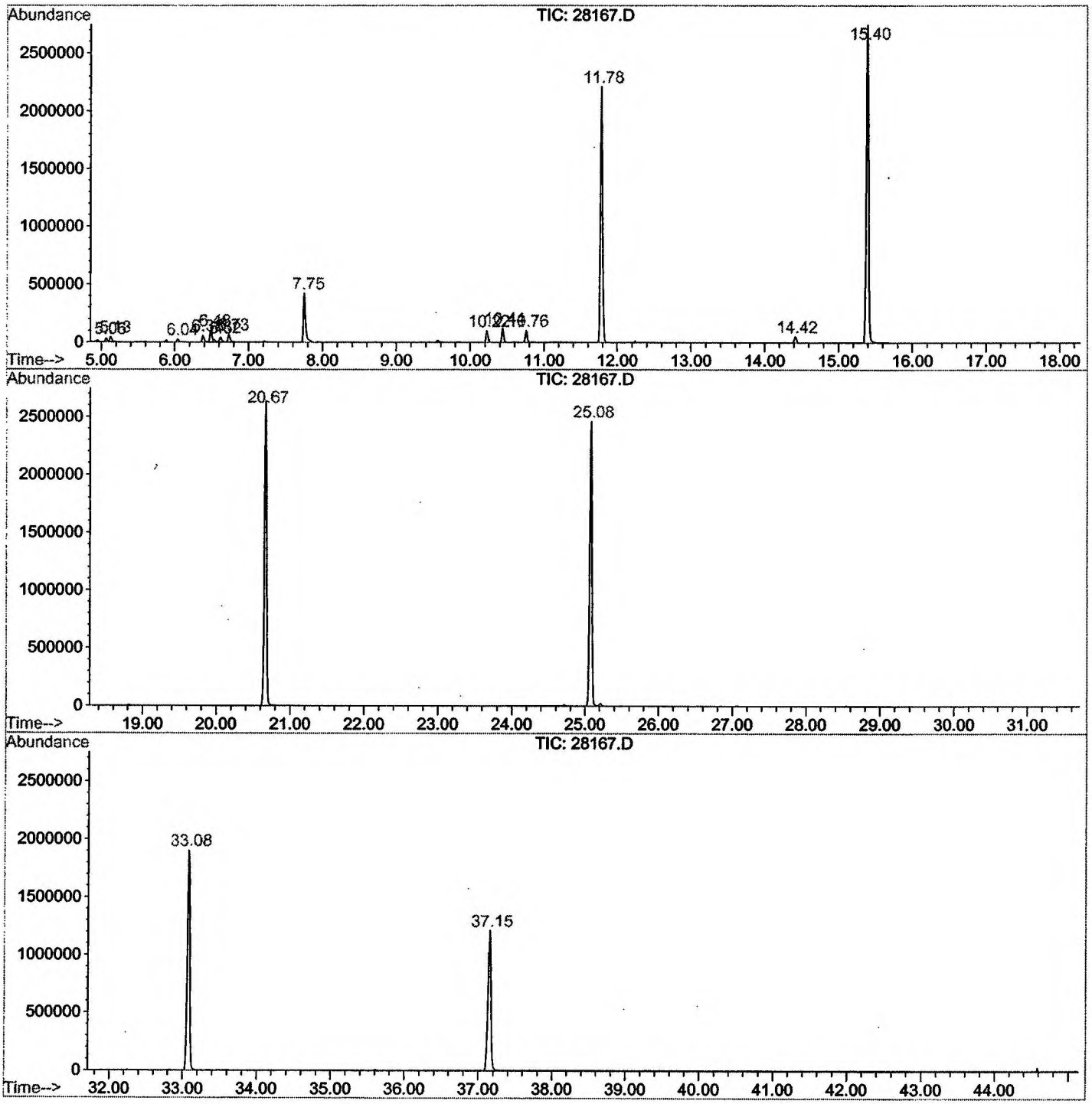
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.062	21	24	28	rBV	35257	61531	1.09%	0.200%
2	5.126	28	31	36	rVB	44280	77972	1.38%	0.253%
3	6.043	128	131	138	rBV	28360	56806	1.00%	0.184%
4	6.383	164	168	173	rBV	61627	113280	2.00%	0.367%
5	6.483	176	179	183	rBV	102387	200435	3.54%	0.650%
6	6.621	190	194	202	rBV	43252	87091	1.54%	0.282%
7	6.731	202	206	217	rBV	68854	140276	2.48%	0.455%
8	7.749	313	317	335	rBB	424763	915618	16.18%	2.969%
9	10.225	583	587	594	rVB	102250	172370	3.05%	0.559%
10	10.436	605	610	618	rBV	123003	202018	3.57%	0.655%
11	10.757	641	645	651	rBV	104581	188659	3.33%	0.612%
12	11.784	752	757	767	rBV	2214089	4396661	77.68%	14.259%
13	14.416	1040	1044	1049	rBB2	55554	106361	1.88%	0.345%
14	15.397	1144	1151	1164	rBV	2747919	5659631	100.00%	18.355%
15	20.670	1719	1726	1738	rBV	2638752	5486505	96.94%	17.793%
16	25.080	2200	2207	2217	rBV2	2462671	5328212	94.14%	17.280%
17	33.077	3072	3079	3091	rBV2	1905670	4411084	77.94%	14.305%
18	37.148	3515	3523	3538	rBV2	1210761	3230549	57.08%	10.477%

Sum of corrected areas: 30835059

28167.D NP112701.M Fri Dec 28 09:57:57 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC2101\28167.D
Operator : GALOS
Acquired : 22 Dec 2001 9:25 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/23
Misc Info :
Vial Number: 17
Quant File :NP112701.RES (RTE Integrator)



28167.D NP112701.M Fri Dec 28 09:58:00 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28167.D
Acq On : 22 Dec 2001 9:25 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

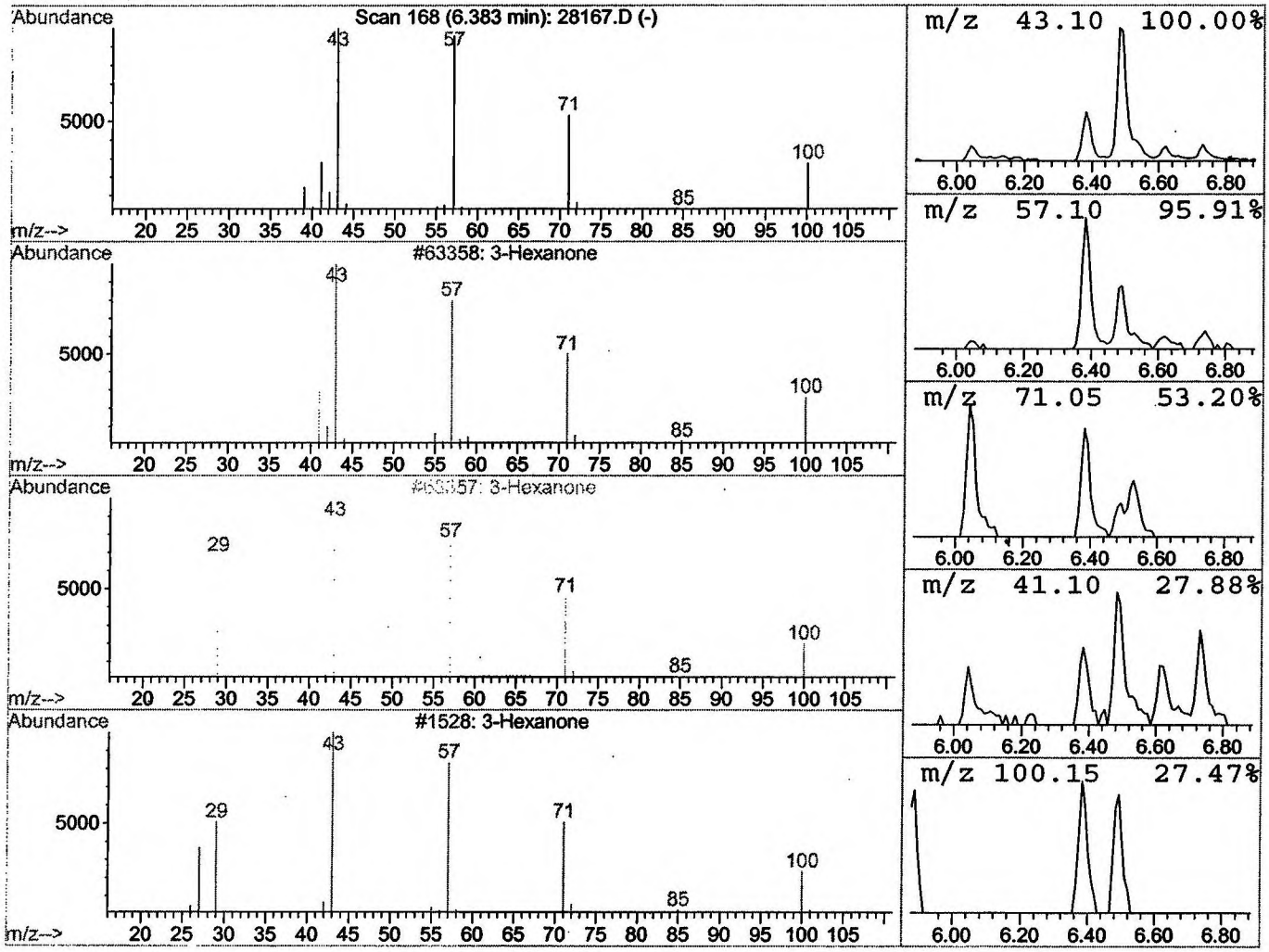
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	0.52 ng/uL	113280	1,4-Dichlorobenzene-d4	11.78

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	90
3	3-Hexanone	100	C6H12O	000589-38-8	90
4	3-Hexanone	100	C6H12O	000589-38-8	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28167.D
Acq On : 22 Dec 2001 9:25 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

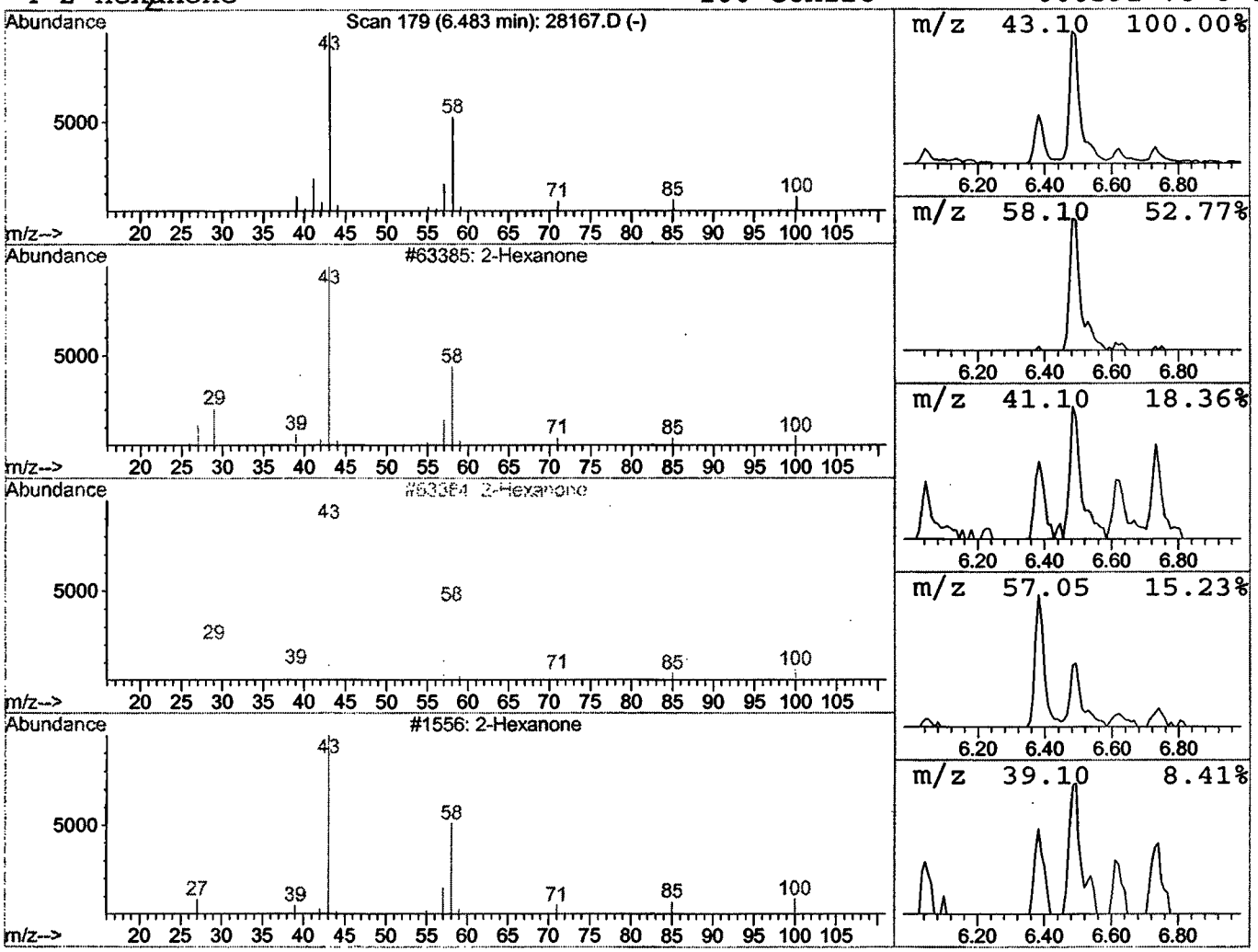
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	0.91 ng/uL	200435	1,4-Dichlorobenzene-d4	11.78

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	86



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC2101\28167.D
Acq On : 22 Dec 2001 9:25 am
Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

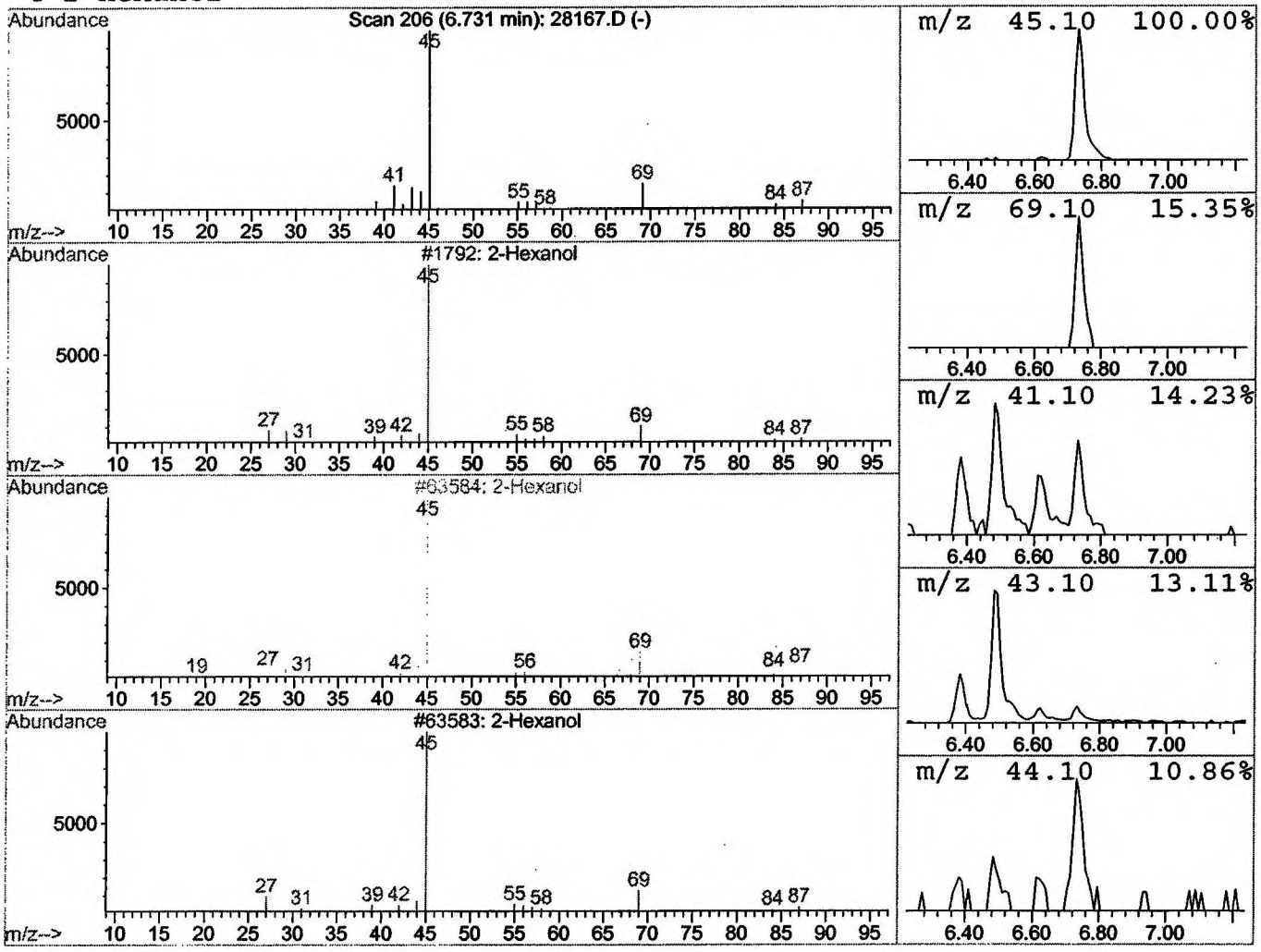
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.73	0.64 ng/uL	140276	1,4-Dichlorobenzene-d4	11.78

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-Hexanol	102	C6H14O	000626-93-7	74
4	2-Hexanol	102	C6H14O	000626-93-7	74



Library Search Compound Report

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Acq On : 22 Dec 2001 9:25 am
Sample : gcms unknown 11/23
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Vial: 17
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Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
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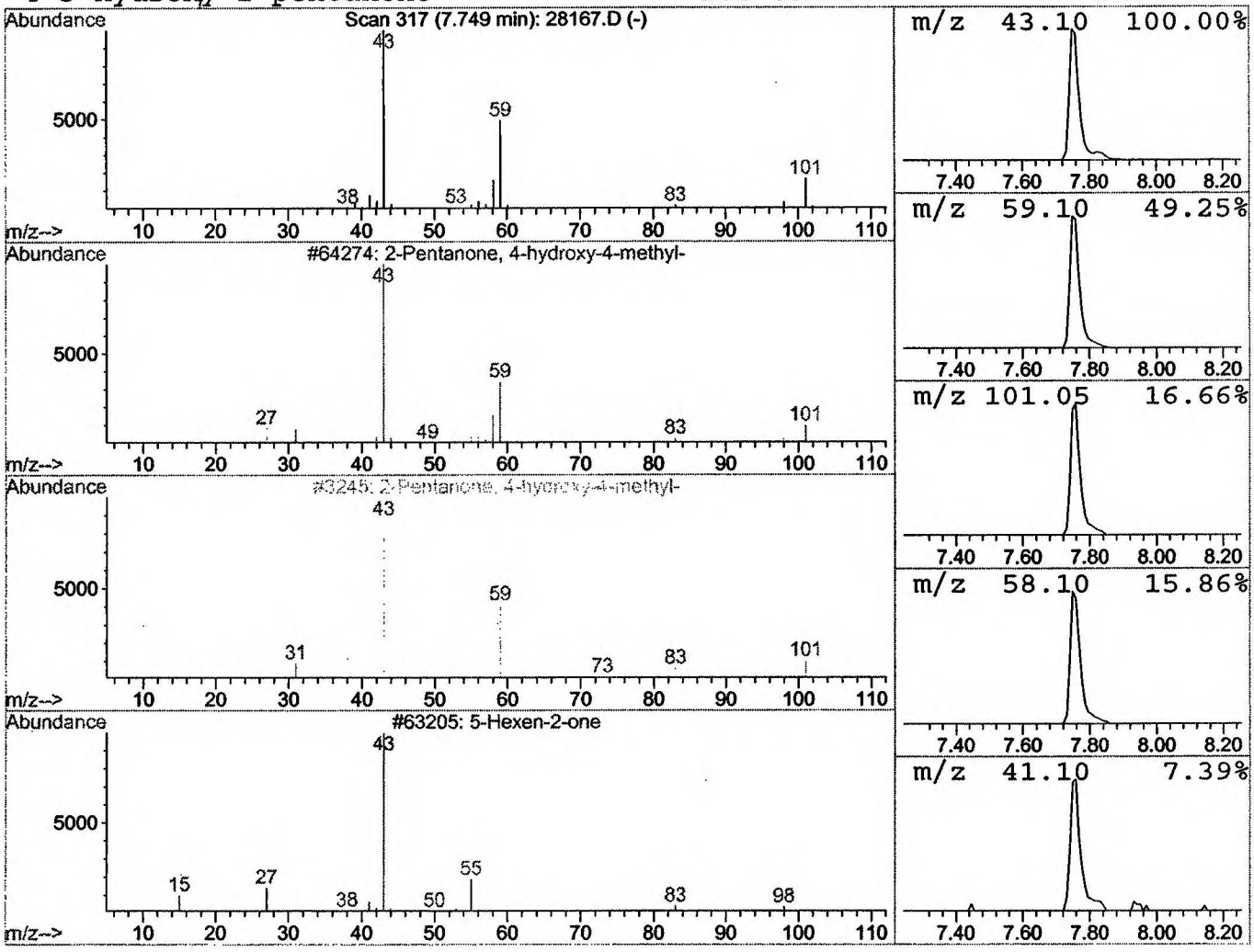
Peak Number 4 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	4.17 ng/uL	915618	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	43
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9



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Acq On : 22 Dec 2001 9:25 am Operator: GALOS
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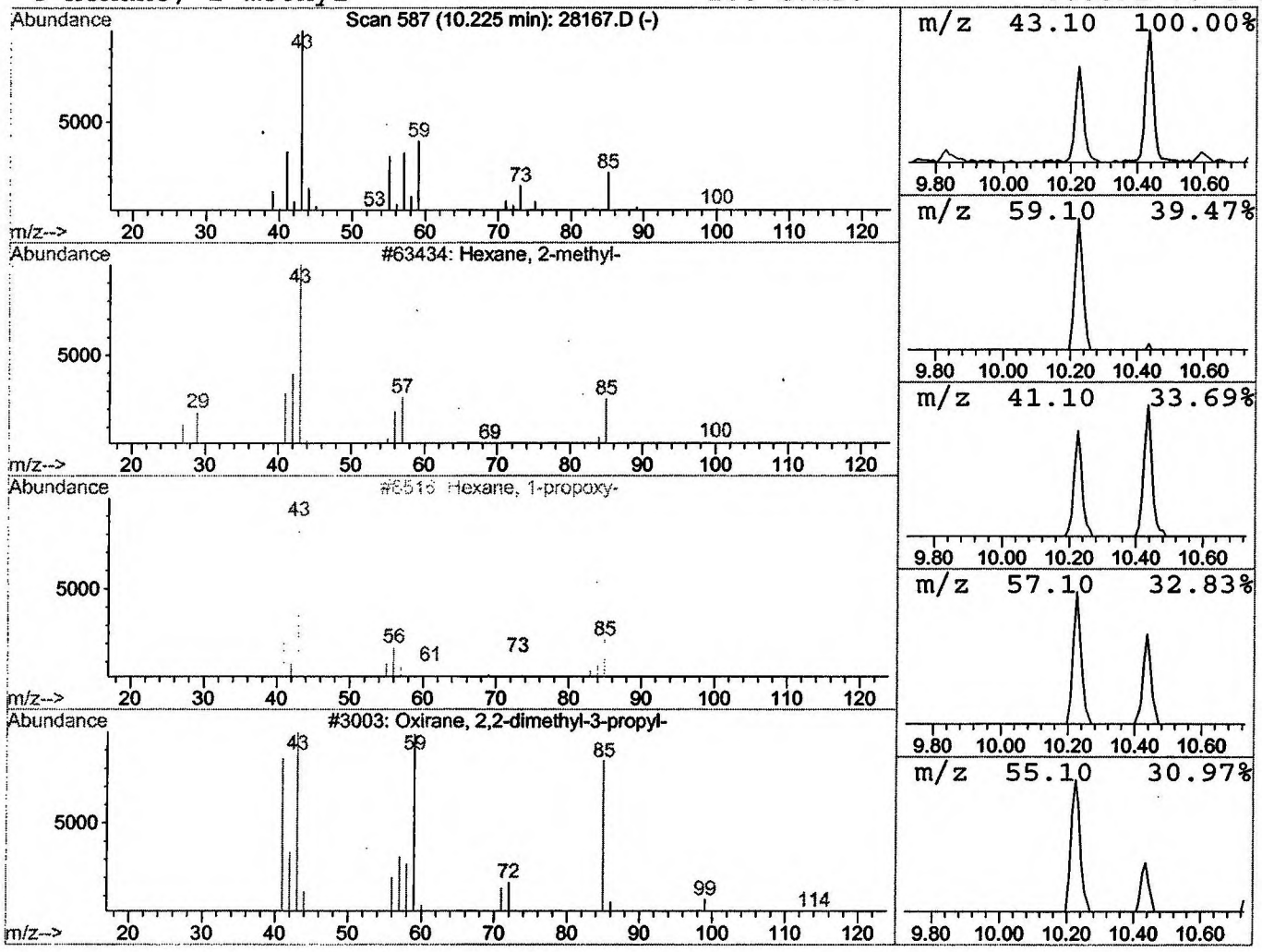
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.22	0.78 ng/uL	172370	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexane, 2-methyl-	100	C7H16	000591-76-4	22
2	Hexane, 1-propoxy-	144	C9H20O	053685-78-2	17
3	Oxirane, 2,2-dimethyl-3-propyl-	114	C7H14O	017612-35-0	13
4	Hexane, 2-methyl-	100	C7H16	000591-76-4	12



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Sample : gcms unknown 11/23
Misc :
MS Integration Params: LSCINT.P

Vial: 17
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

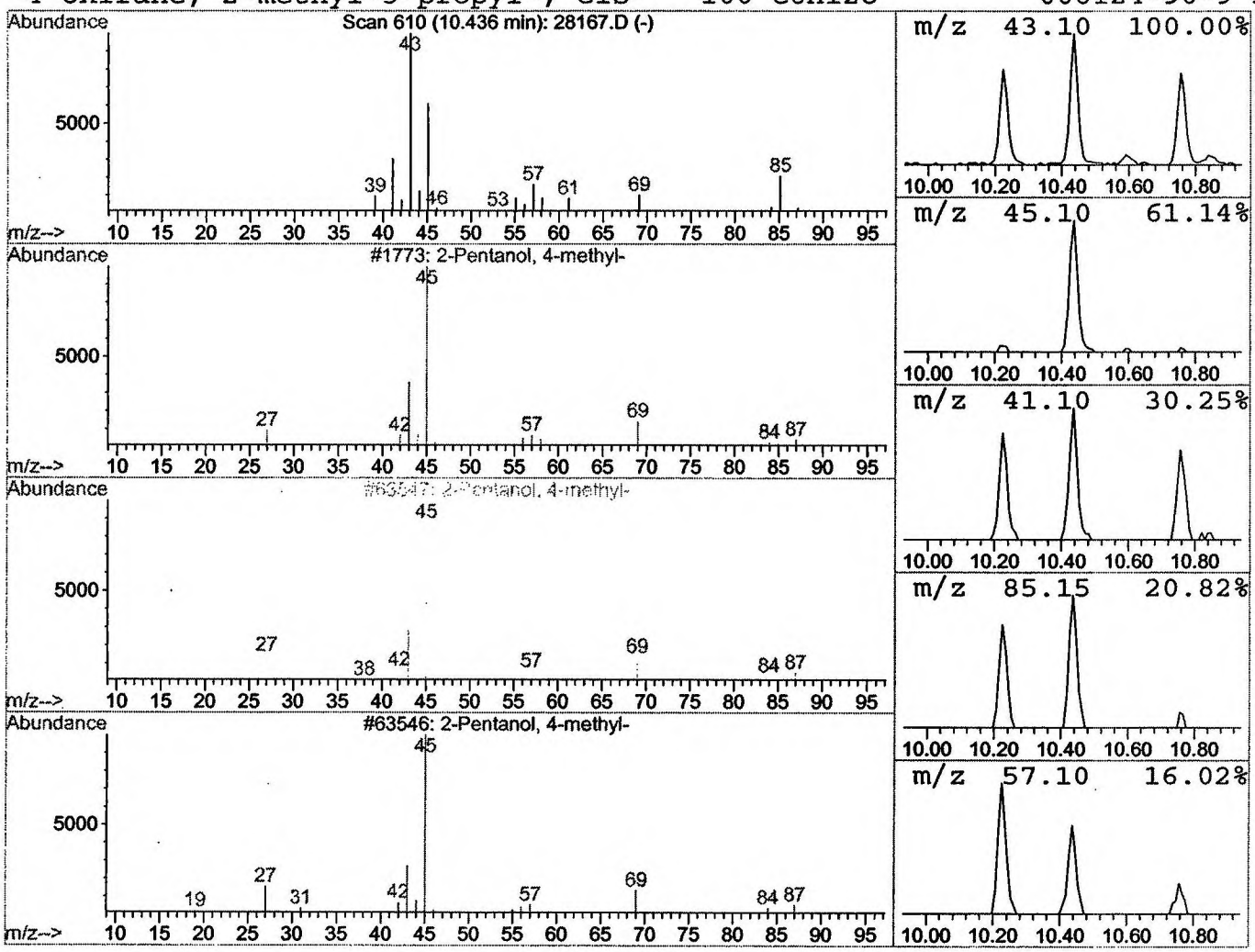
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2-Pentanol, 4-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.44	0.92 ng/uL	202018	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	47
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	38
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	38
4	Oxirane, 2-methyl-3-propyl-, cis-	100	C6H12O	006124-90-9	36



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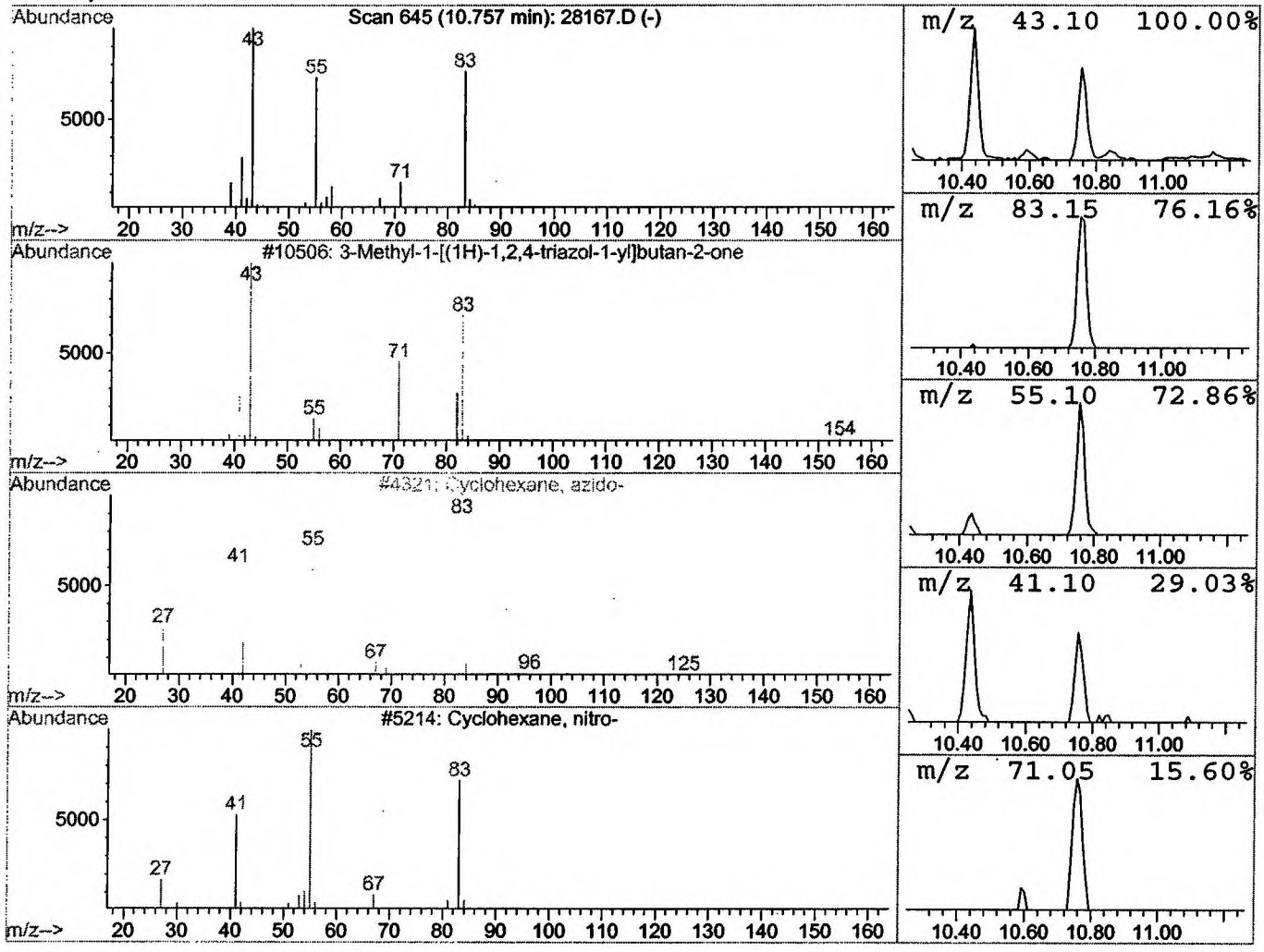
****

Peak Number 7 3-Methyl-1-[(1H)-1,2,4-triazol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	0.86 ng/uL	188659	1,4-Dichlorobenzene-d4	11.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Methyl-1-[(1H)-1,2,4-triazol-1-yl	153	C7H11N3O	064922-02-7	36
2	Cyclohexane, azido-	125	C6H11N3	019573-22-9	33
3	Cyclohexane, nitro-	129	C6H11NO2	001122-60-7	12
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 22 Dec 2001 9:25 am
Data File: C:\HPCHEM\1\DATA\DEC2101\28167.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	6.38	0.5	ng/uL	113280	ISTD01	11.78	4396660	20.0
2-Hexanone	6.48	0.9	ng/uL	200435	ISTD01	11.78	4396660	20.0
2-Hexanol	6.73	0.6	ng/uL	140276	ISTD01	11.78	4396660	20.0
2-Pentanone, 4-hydro	7.75	4.2	ng/uL	915618	ISTD01	11.78	4396660	20.0
Hexane, 2-methyl-	10.22	0.8	ng/uL	172370	ISTD01	11.78	4396660	20.0
2-Pentanol, 4-methyl	10.44	0.9	ng/uL	202018	ISTD01	11.78	4396660	20.0
3-Methyl-1-[(1H)-1,2	10.76	0.9	ng/uL	188659	ISTD01	11.78	4396660	20.0

28167.D NP112701.M Fri Dec 28 09:58:16 2001