User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:51:37

Sample: AD27678
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 13:48 Ended: 1/3/02 13:48 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 AD27678 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Jser: Galos, Marie
)ate: 01-03-2002 Time: 13:51:57

\ 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\DEC1901\27678.D Vial: 5
Acq On : 19 Dec 2001 10:48 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 13:16 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	11.85	152	762259	20.00	ng/uL	-0.09
19) Naphthalene-d8	15.46	136	2951209	20.00	ng/uL	-0.09
31) Acenaphthene-d10	20.73	164	1271703	20.00	ng/uL	-0.09
49) Phenanthrene-d10	25.13	188	1843749	20.00	ng/uL	-0.11
59) Chrysene-d12	33.14	240	1245568	20.00	ng/uL	-0.11
68) Perylene-d12	37.22	264	858172	20.00	ng/uL	-0.12
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	11.85	132	328	0.01	ng/uL	0.42
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	18.89	172	1243	0.02	ng/uL	0.06
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	13.07	45	351	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.	
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	21.16	65	692	N.D.	
44) 2,4-Dinitrotoluene	0.00	165	0	N.D.	
45) Diethylphthalate	22.22	149	298	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	27.13	149	2826	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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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	33.14	228	2597	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.40	149	2751	N.D.	
67) Chrysene	33.14	228	2597	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	37.21	252	2565	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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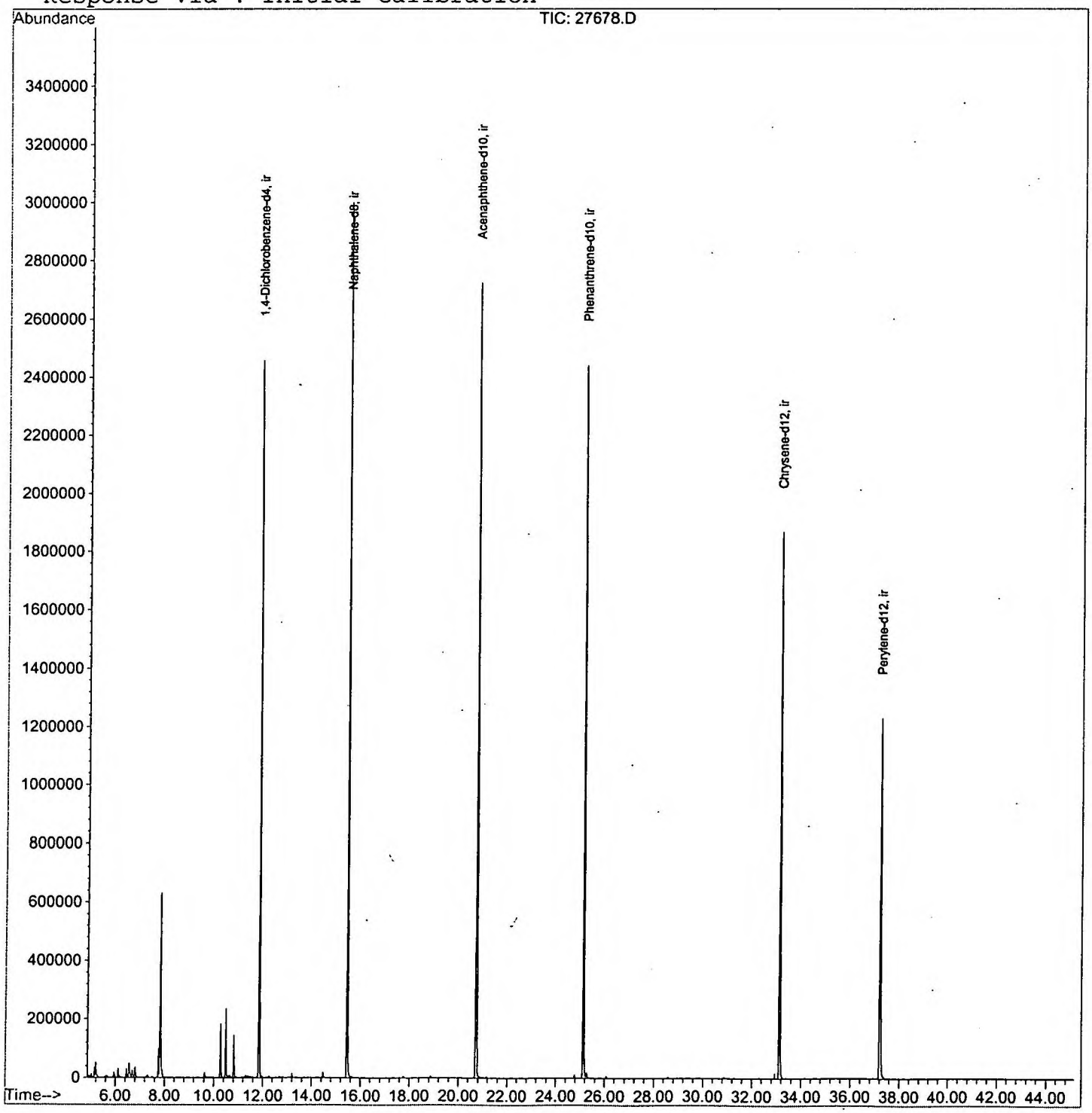
Title : 208 625/TCLP calibration table
Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27678.D Vial: 5
Acq On : 19 Dec 2001 10:48 am Operator: GALOS
Sample : gcms unknown 11/16 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

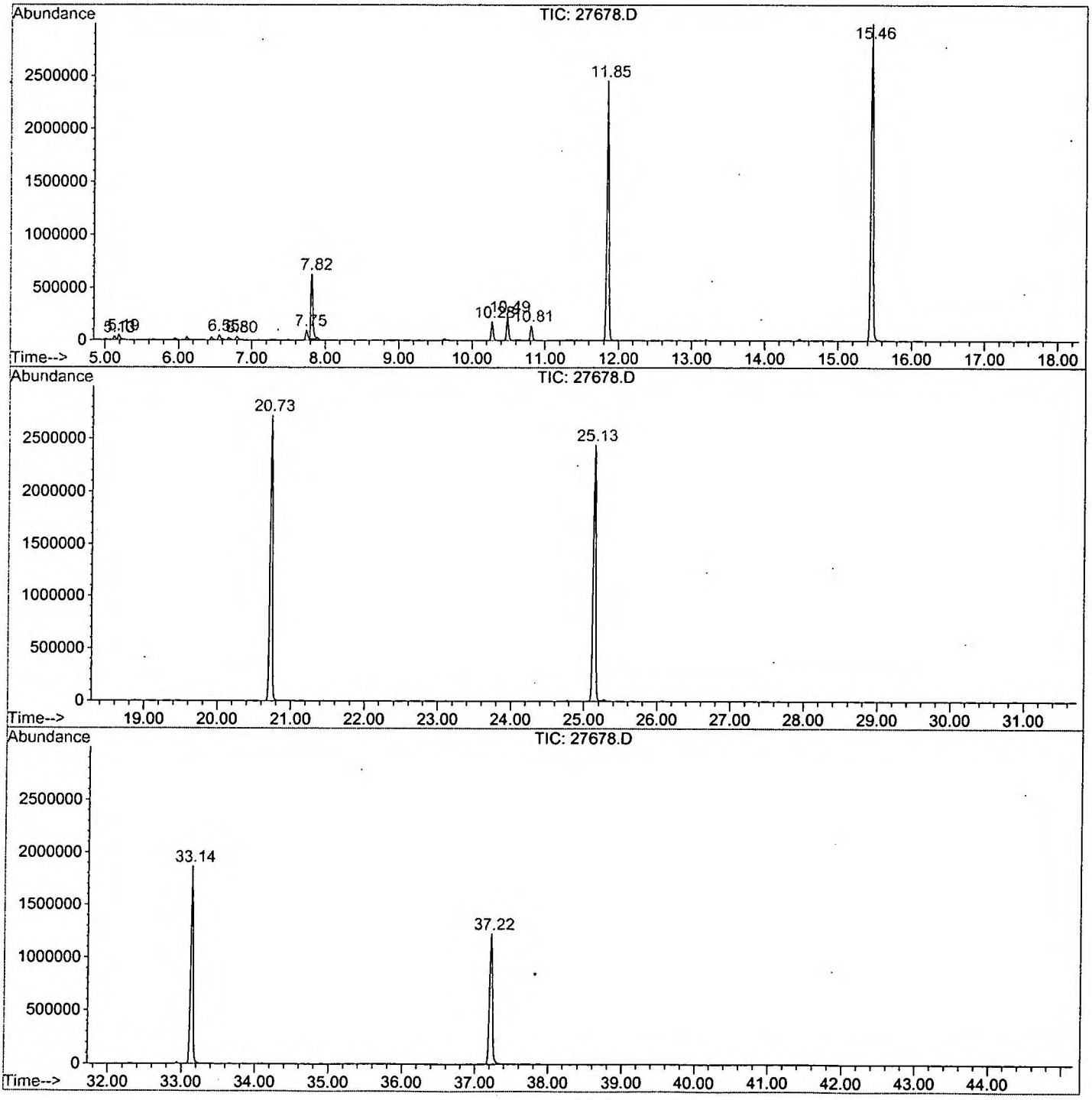
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.133	29	32	35	rBV	34654	61413	1.00%	0.189%
2	5.188	35	38	53	rVB	54233	123610	2.02%	0.381%
3	6.554	184	187	197	rVV2	50055	124593	2.04%	0.384%
4	6.802	209	214	224	rBV	36545	84046	1.37%	0.259%
5	7.747	313	317	321	rBV	99201	182988	2.99%	0.564%
6	7.820	321	325	332	rVV	620374	1219798	19.92%	3.758%
7	10.277	588	593	600	rBV	182426	333860	5.45%	1.029%
8	10.488	611	616	623	rBV	234750	423577	6.92%	1.305%
9	10.809	647	651	658	rVB	144676	265436	4.34%	0.818%
10	11.846	759	764	775	rVB	2456459	4826022	78.83%	14.869%
11	15.459	1151	1158	1174	rBV	2999689	6122404	100.00%	18.863%
12	20.731	1726	1733	1743	rBV	2724677	5794245	94.64%	17.852%
13	25.133	2205	2213	2224	rBV2	2442838	5358635	87.53%	16.510%
14	33.139	3079	3086	3102	rBV2	1870635	4159155	67.93%	12.815%
15	37.219	3523	3531	3545	rBV2	1229943	3376719	55.15%	10.404%

Sum of corrected areas: 32456501

27678.D NP112701.M Thu Dec 20 11:41:00 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27678.D
Operator : GALOS
Acquired : 19 Dec 2001 10:48 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 5
Quant File :NP112701.RES (RTE Integrator)



27678.D NP112701.M Thu Dec 20 11:41:02 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27678.D
Acq On : 19 Dec 2001 10:48 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

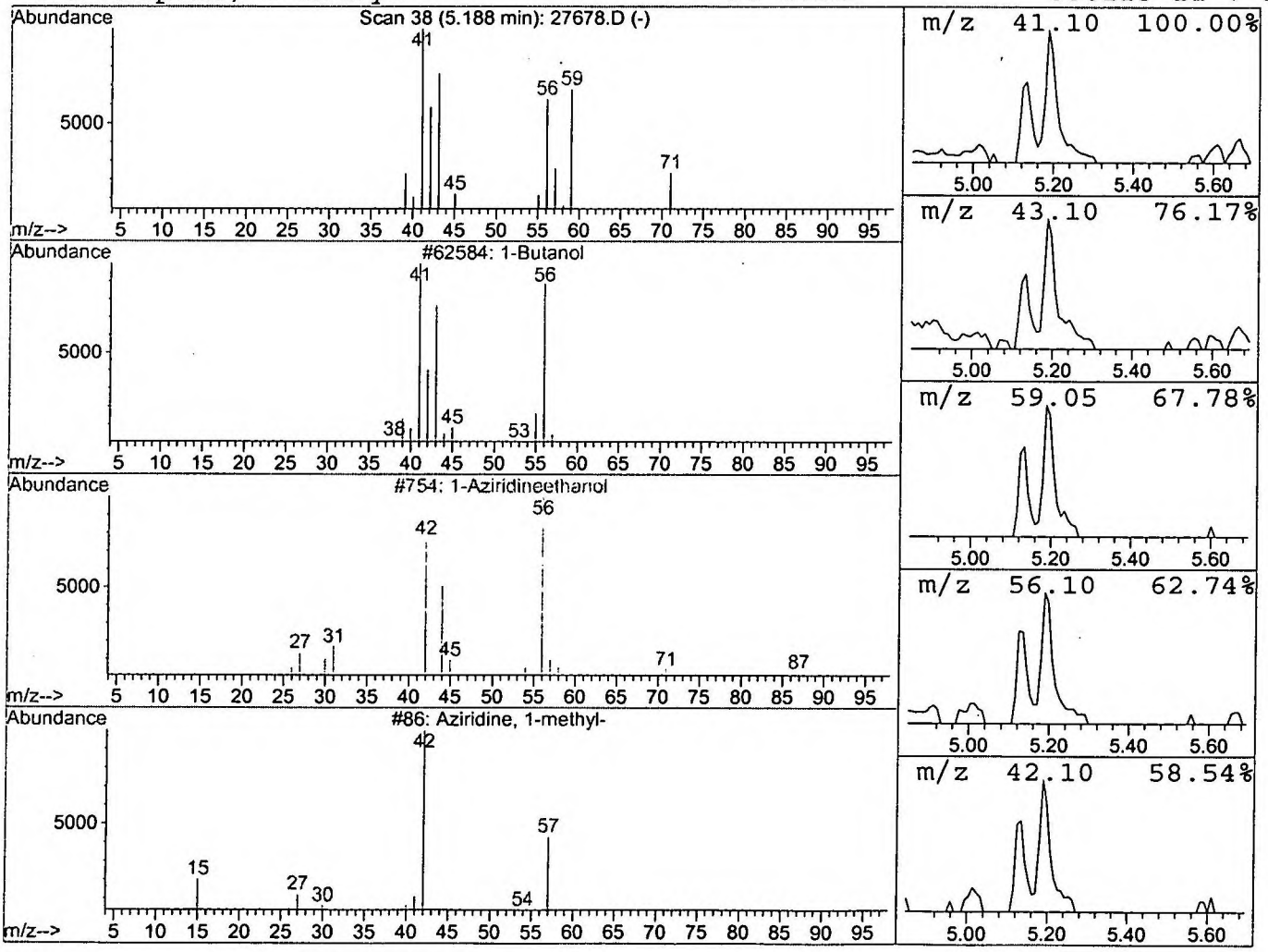
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	0.51 ng/uL	123610	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	37
2	1-Aziridineethanol	87	C4H9NO	001072-52-2	9
3	Aziridine, 1-methyl-	57	C3H7N	001072-44-2	5
4	1-Propene, 2-methyl-	56	C4H8	000115-11-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27678.D
Acq On : 19 Dec 2001 10:48 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

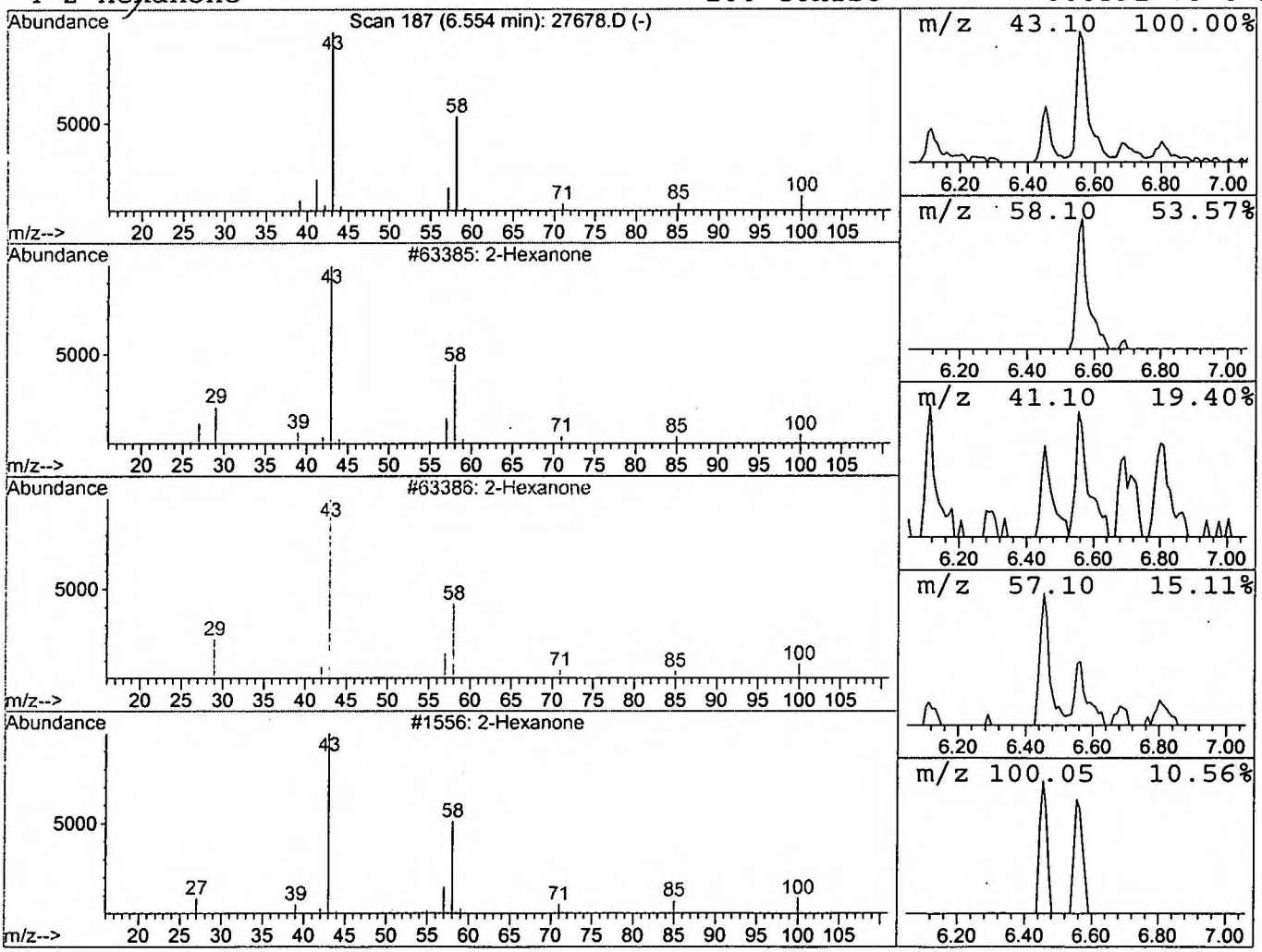
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	0.52 ng/uL	124593	1,4-Dichlorobenzene-d4	11.85

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	90
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 : 19 Dec 2001 10:48 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

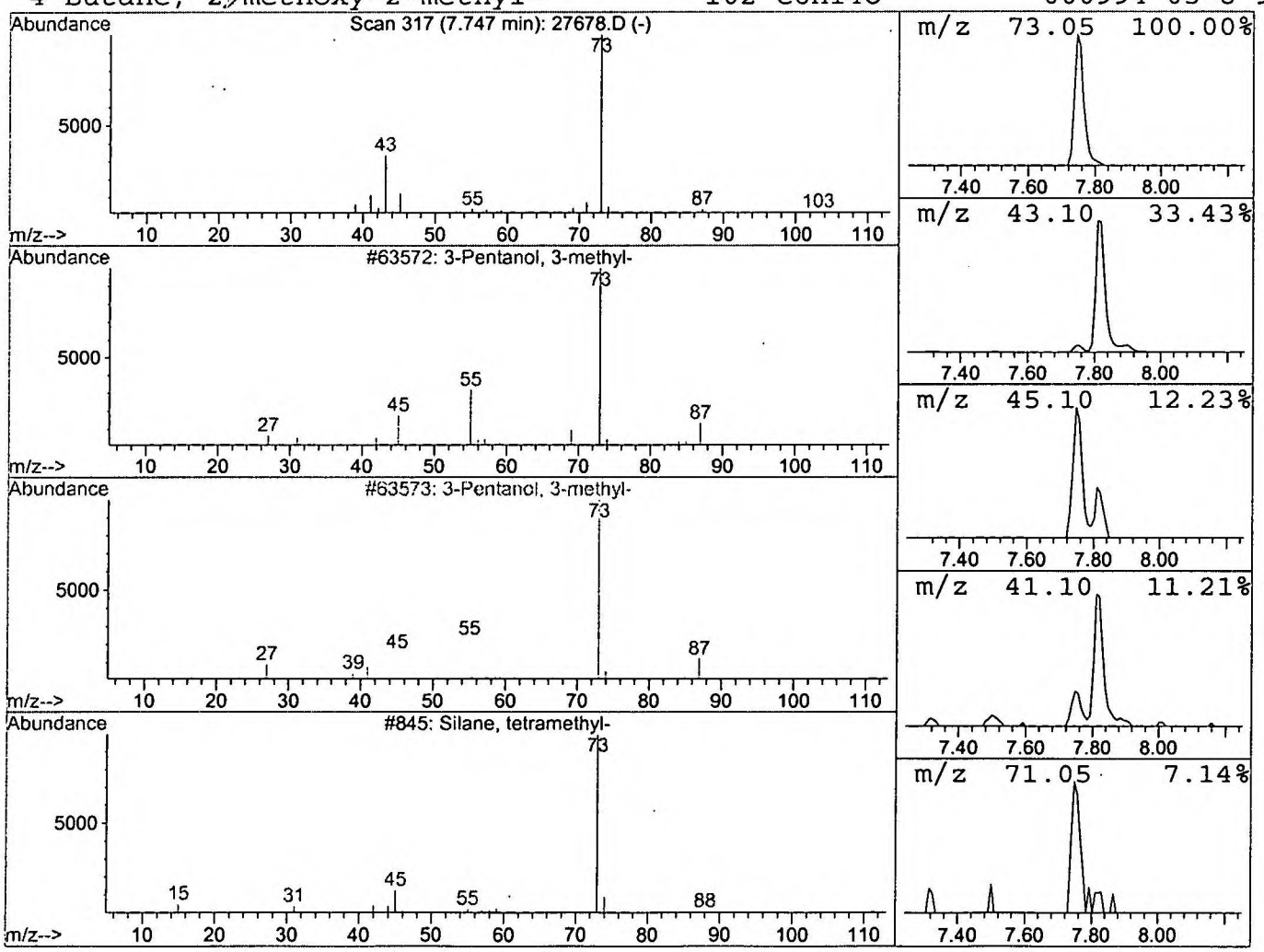
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.75	0.76 ng/uL	182988	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

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Acq On : 19 Dec 2001 10:48 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
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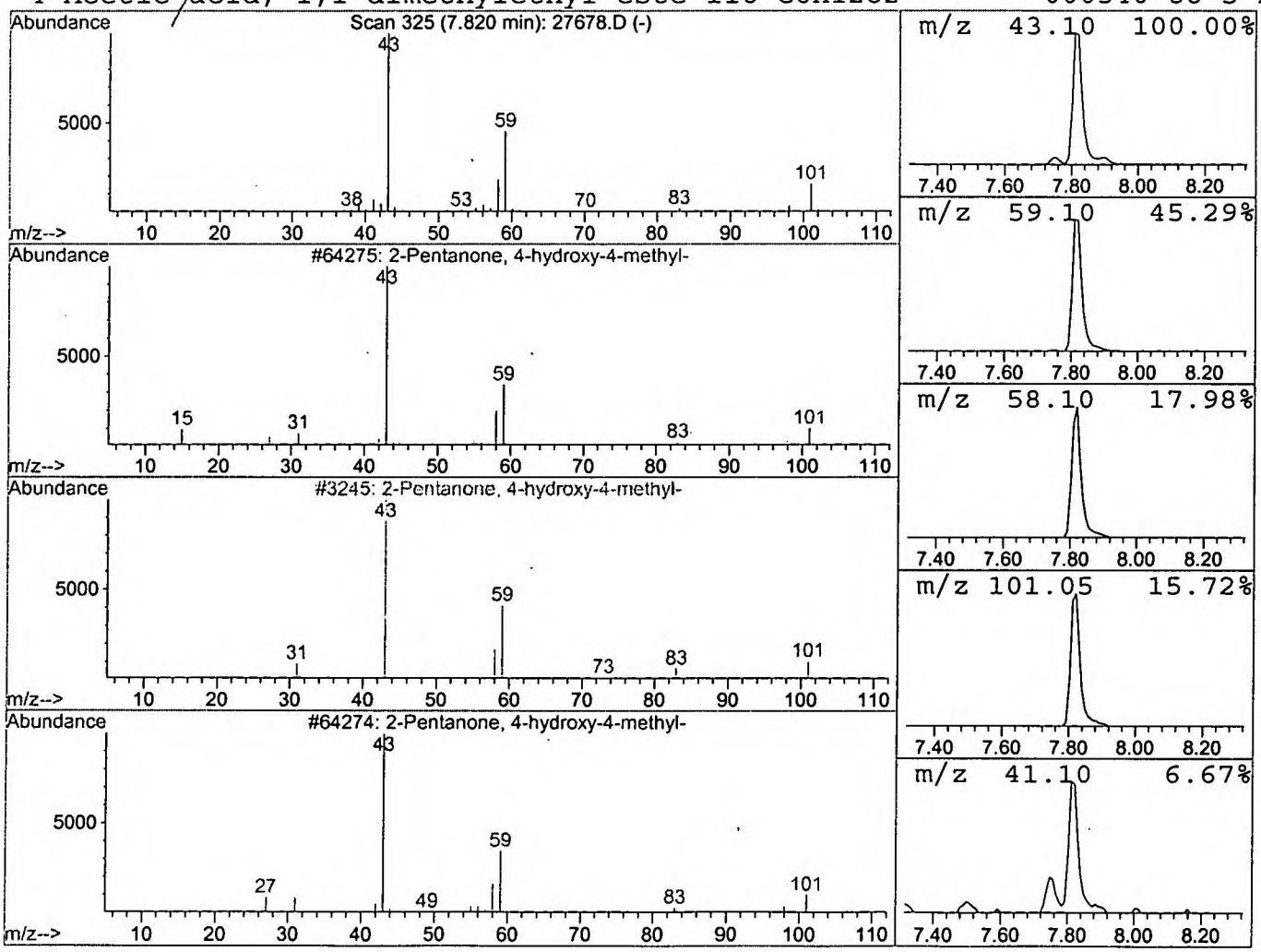
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	5.06 ng/uL	1219800	1,4-Dichlorobenzene-d4	11.85

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	43
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



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Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

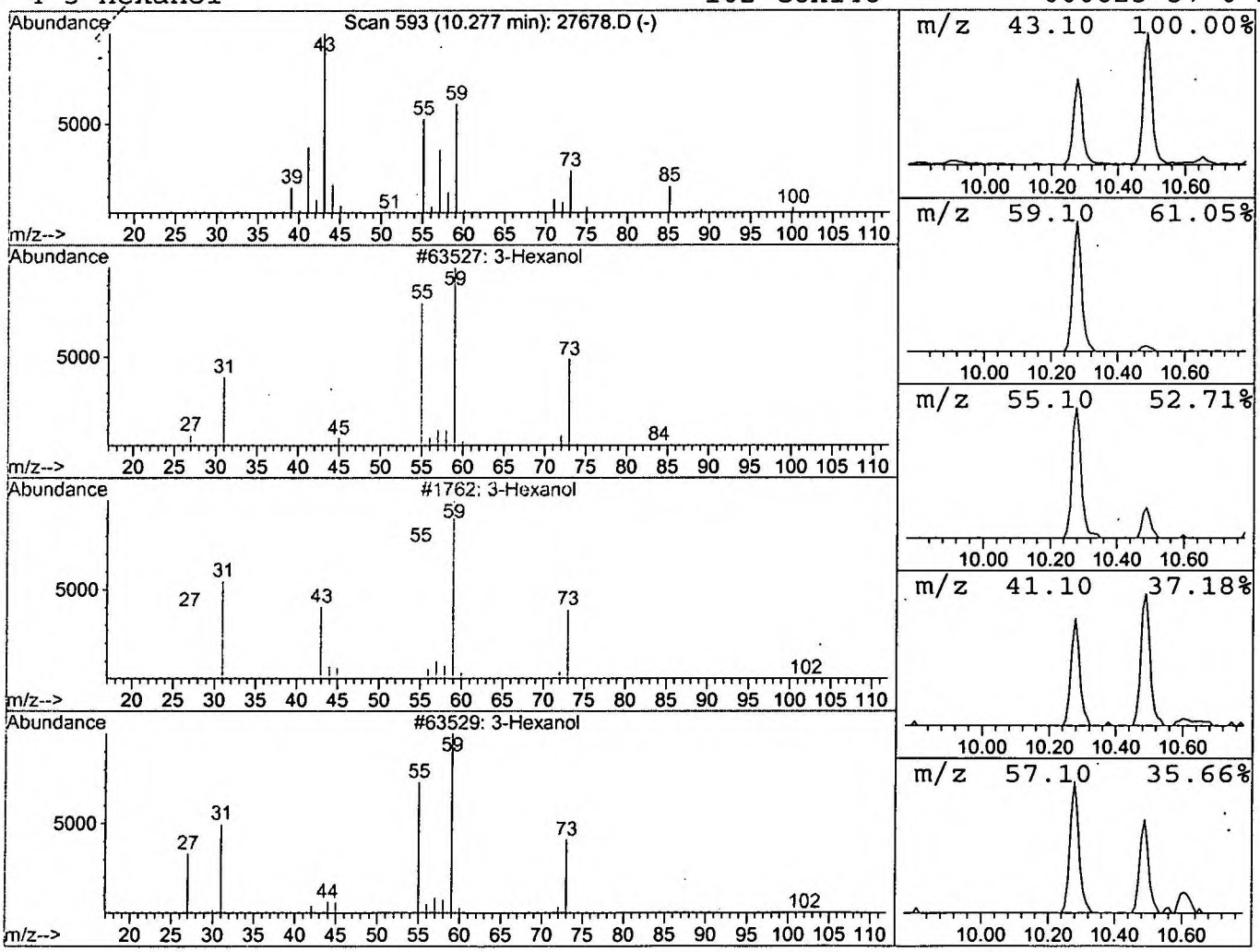
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	1.38 ng/uL	333860	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	47
2	3-Hexanol	102	C6H14O	000623-37-0	40
3	3-Hexanol	102	C6H14O	000623-37-0	38
4	3-Hexanol	102	C6H14O	000623-37-0	28



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Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

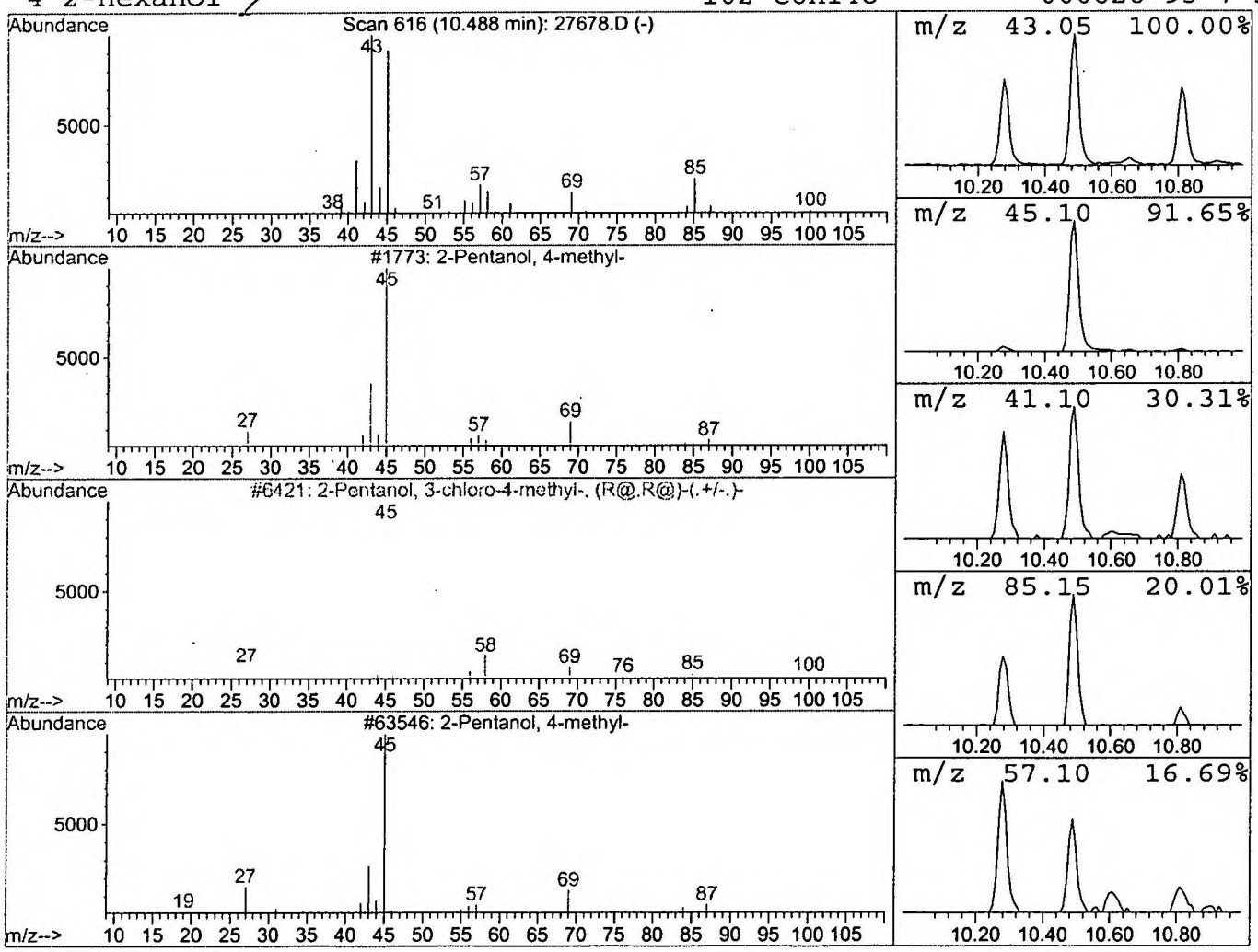
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	1.76 ng/uL	423577	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	59
2	2-Pentanol, 3-chloro-4-methyl-, (R@	136	C6H13ClO	074685-47-5	53
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	53
4	2-Hexanol	102	C6H14O	000626-93-7	53



Library Search Compound Report

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Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 5
Operator: GALOS
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Multiplr: 1.00

Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
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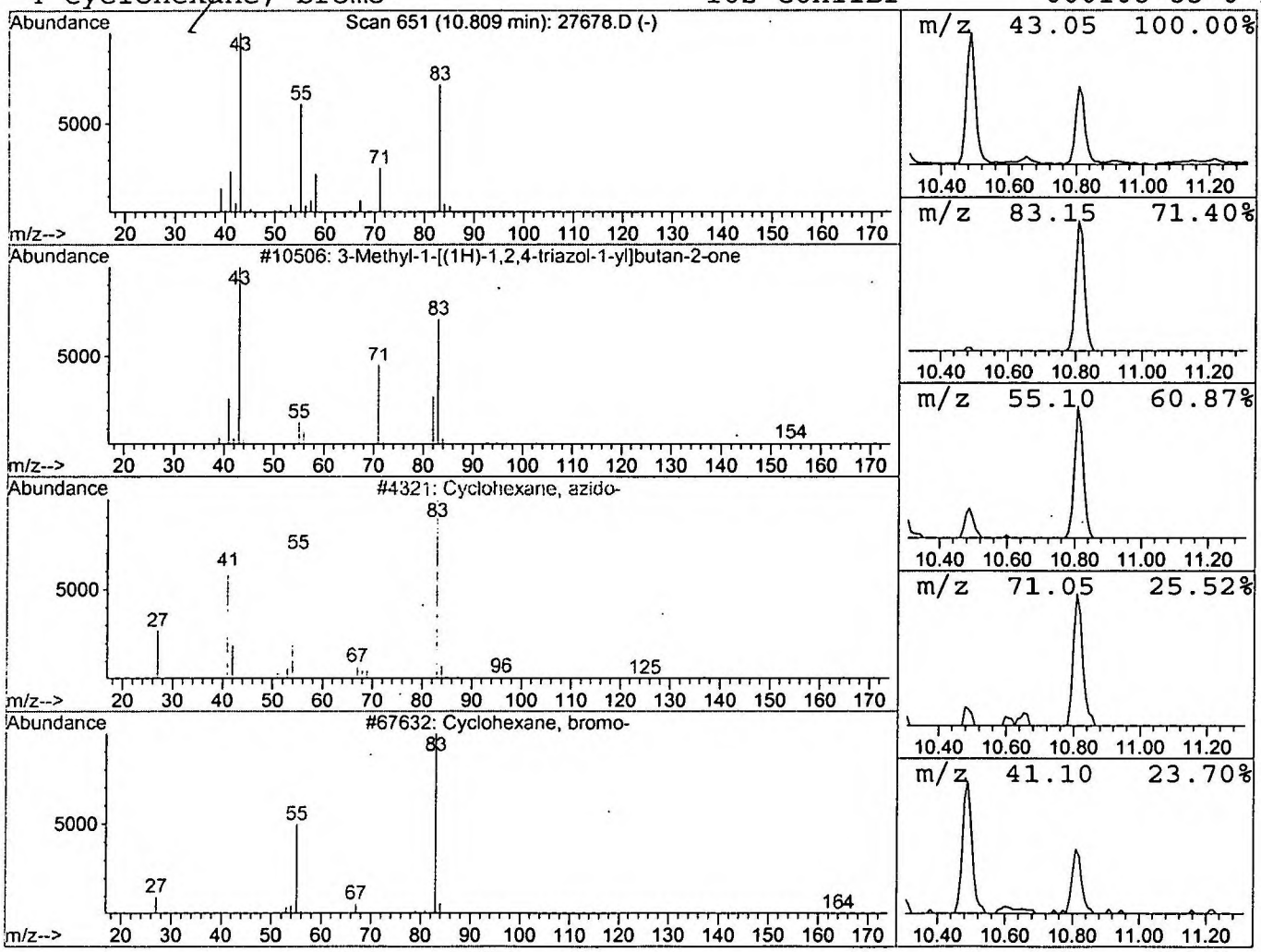
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	1.10 ng/uL	265436	1,4-Dichlorobenzene-d4	11.85

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	23
2	Cyclohexane, azido-	125	C6H11N3	019573-22-9	17
3	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	12
4	Cyclohexane, bromo-	162	C6H11Br	000108-85-0	12



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 19 Dec 2001 10:48 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27678.D
Name: gcms unknown 11/16
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
1-Butanol	5.19	0.5	ng/uL	123610	ISTD01	11.85	4826020	20.0
2-Hexanone	6.55	0.5	ng/uL	124593	ISTD01	11.85	4826020	20.0
3-Pentanol, 3-methyl	7.75	0.8	ng/uL	182988	ISTD01	11.85	4826020	20.0
2-Pentanone, 4-hydro	7.82	5.1	ng/uL	1219800	ISTD01	11.85	4826020	20.0
3-Hexanol	10.28	1.4	ng/uL	333860	ISTD01	11.85	4826020	20.0
2-Pentanol, 4-methyl	10.49	1.8	ng/uL	423577	ISTD01	11.85	4826020	20.0
3-Methyl-1-[(1H)-1,2	10.81	1.1	ng/uL	265436	ISTD01	11.85	4826020	20.0

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