User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 13:42:35

Sample: AD27276
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 13:36 Ended: 1/3/02 13:36 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 AD27276 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Jser: Galos, Marie
)ate: 01-03-2002 Time: 13:42:45

, 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\27276.D Vial: 4
Acq On : 19 Dec 2001 8:56 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 9:55 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 : HP032901

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.85	152	764927	20.00	ng/uL	-0.09
19) Naphthalene-d8	15.46	136	2960552	20.00	ng/uL	-0.09
31) Acenaphthene-d10	20.73	164	1249610	20.00	ng/uL	-0.09
49) Phenanthrene-d10	25.13	188	1748785	20.00	ng/uL	-0.11
59) Chrysene-d12	33.14	240	1111204	20.00	ng/uL	-0.11
68) Perylene-d12	37.21	264	783440	20.00	ng/uL	-0.13
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	279	0.01	ng/uL	0.42
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.03	152	293	0.01	ng/uL	-0.43
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.02%#		
20) Nitrobenzene-d5	0.00	82	0	0.00	ng/uL	
Spiked Amount 50.000	Range 55 - 98		Recovery =	0.00%#		
32) 2-Fluorobiphenyl	18.88	172	724	0.01	ng/uL	0.05
Spiked Amount 50.000	Range 42 - 78		Recovery =	0.02%#		
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

Quantitation Report (QT Reviewed)

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Last Update : Wed Nov 28 15:33:44 2001
Response via : Initial Calibration
DataAcq Meth : HP032901

	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	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	27.13	149	1073	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D Vial: 4
Acq On : 19 Dec 2001 8:56 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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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 : HP032901

	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61)	Benzidine	29.28	184	4807	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	1925	N.D.	
66)	Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
67)	Chrysene	33.14	228	1925	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	1988	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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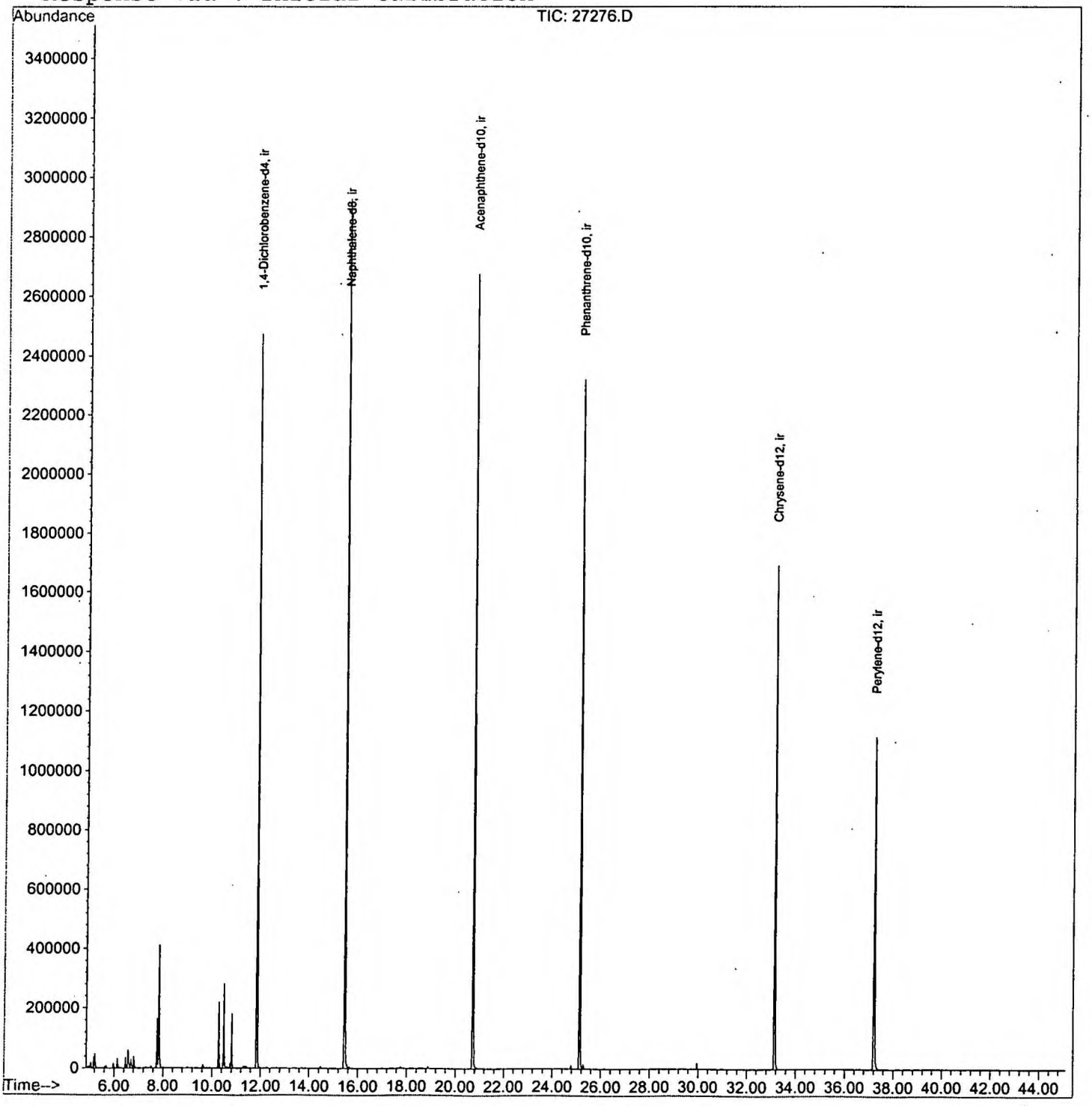
Acq On : 19 Dec 2001 8:56 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 19 9:55 2001 Quant Results File: NP112701.RES

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\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

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

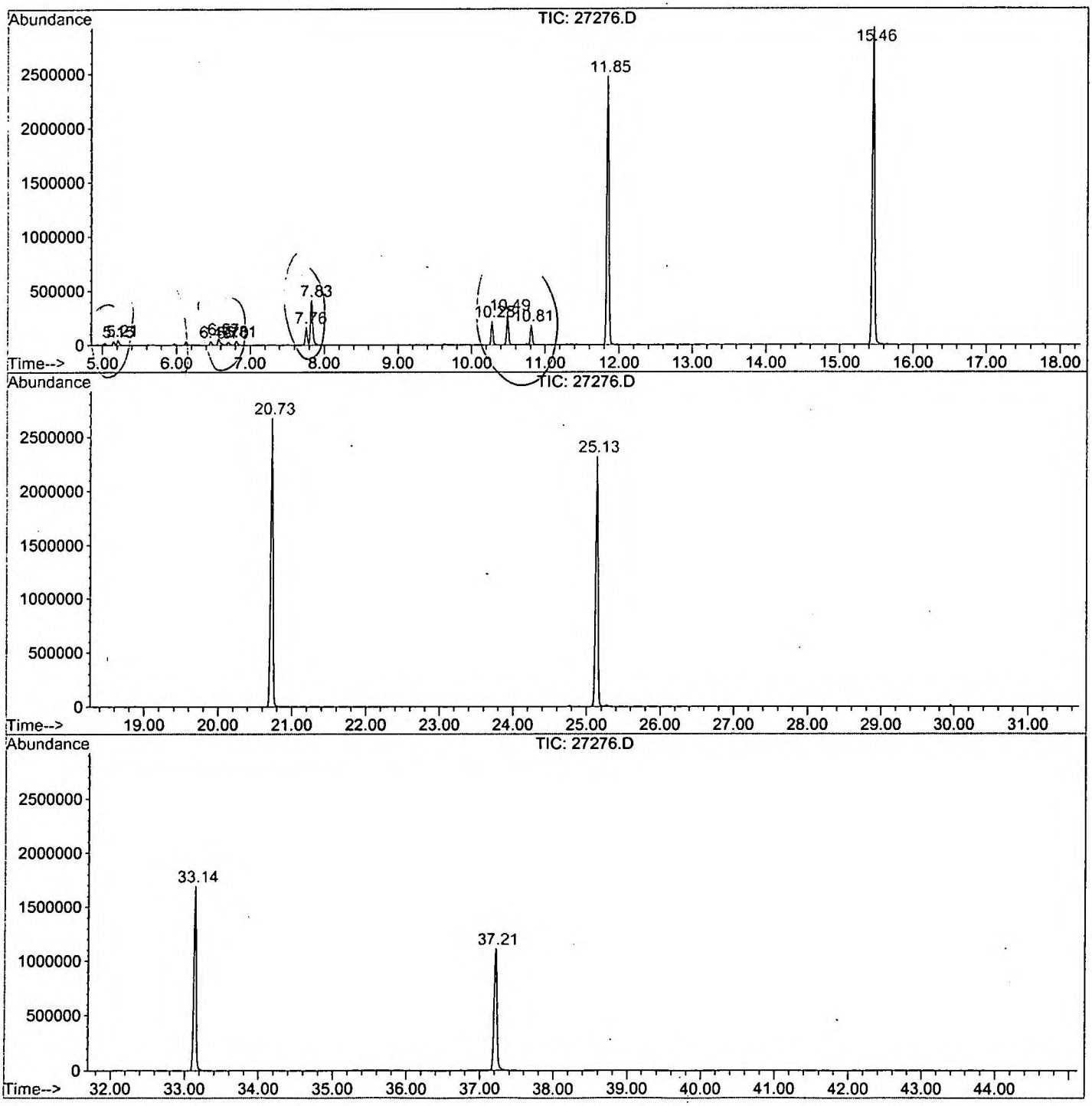
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.151	30	34	38	rVV	37901	67921	1.10%	0.216%
2	5.206	38	40	48	rVB	48529	95674	1.55%	0.305%
3	6.462	174	177	184	rBB	35705	66768	1.09%	0.213%
4	6.572	184	189	199	rBV2	61132	145752	2.37%	0.464%
5	6.701	199	203	210	rBV3	30174	68133	1.11%	0.217%
6	6.811	210	215	221	rBV	39630	81741	1.33%	0.260%
7	7.755	314	318	322	rBV	165310	296113	4.81%	0.944%
8	7.829	322	326	337	rVB	412495	857367	13.93%	2.732%
9	10.277	588	593	602	rBB	219943	379027	6.16%	1.208%
10	10.488	611	616	623	rBV	281685	487720	7.93%	1.554%
11	10.809	647	651	658	rBV	180757	324225	5.27%	1.033%
12	11.845	759	764	775	rBV	2474116	4824278	78.40%	15.373%
13	15.458	1151	1158	1175	rBV	2925661	6153034	100.00%	19.607%
14	20.731	1725	1733	1745	rBV	2676132	5709232	92.79%	18.193%
15	25.133	2206	2213	2225	rBV2	2322008	5066328	82.34%	16.144%
16	33.138	3079	3086	3099	rBV2	1695048	3708789	60.28%	11.818%
17	37.210	3523	3530	3546	rBV2	1115292	3049931	49.57%	9.719%

Sum of corrected areas: 31382033

27276.D NP112701.M Wed Dec 19 09:57:37 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Operator : GALOS
Acquired : 19 Dec 2001 8:56 am using AcqMethod HP032901
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 4
Quant File :NP112701.RES (RTE Integrator)



27276.D NP112701.M Wed Dec 19 09:57:40 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

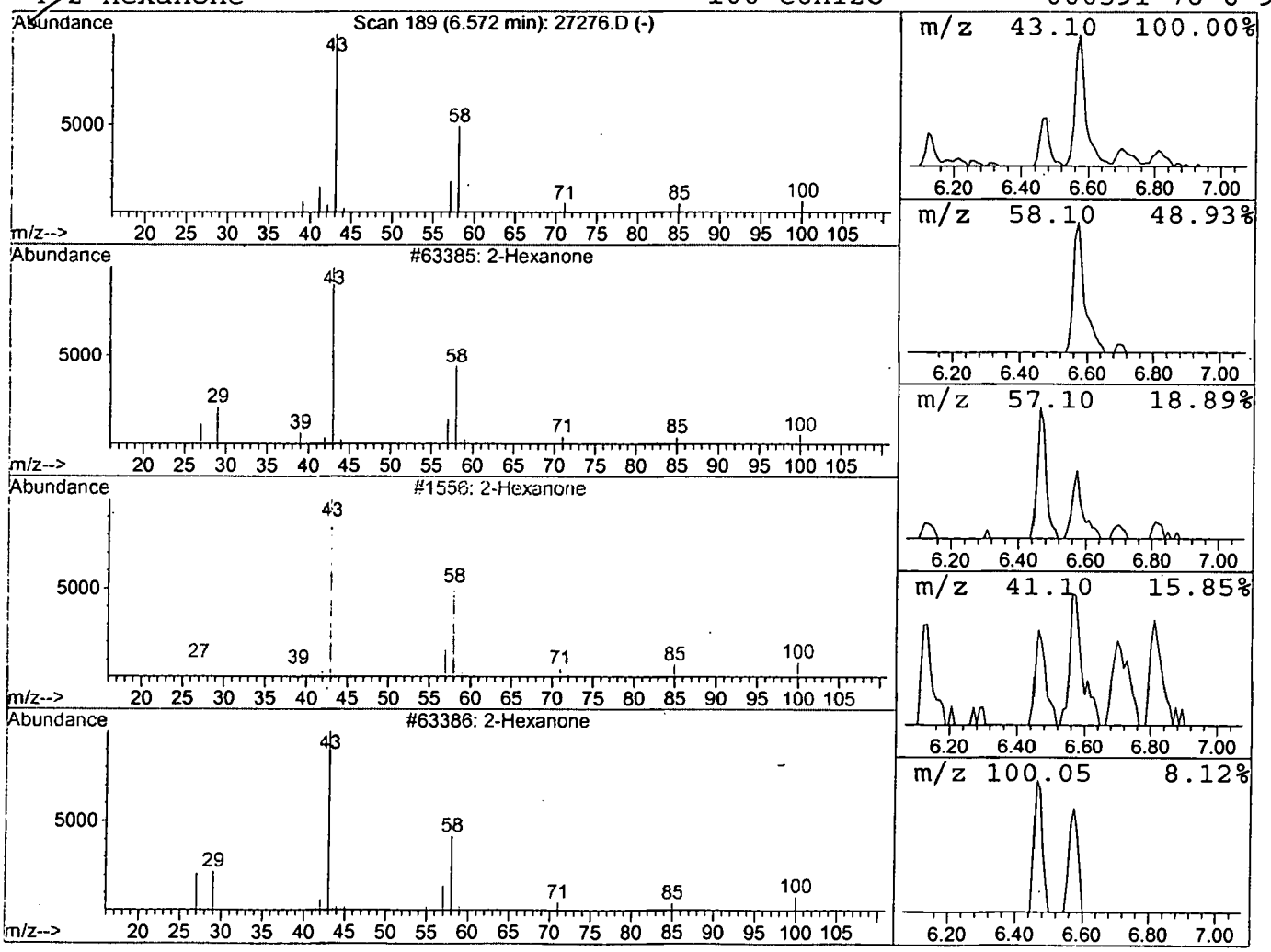
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	0.60 ng/uL	145752	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
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

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

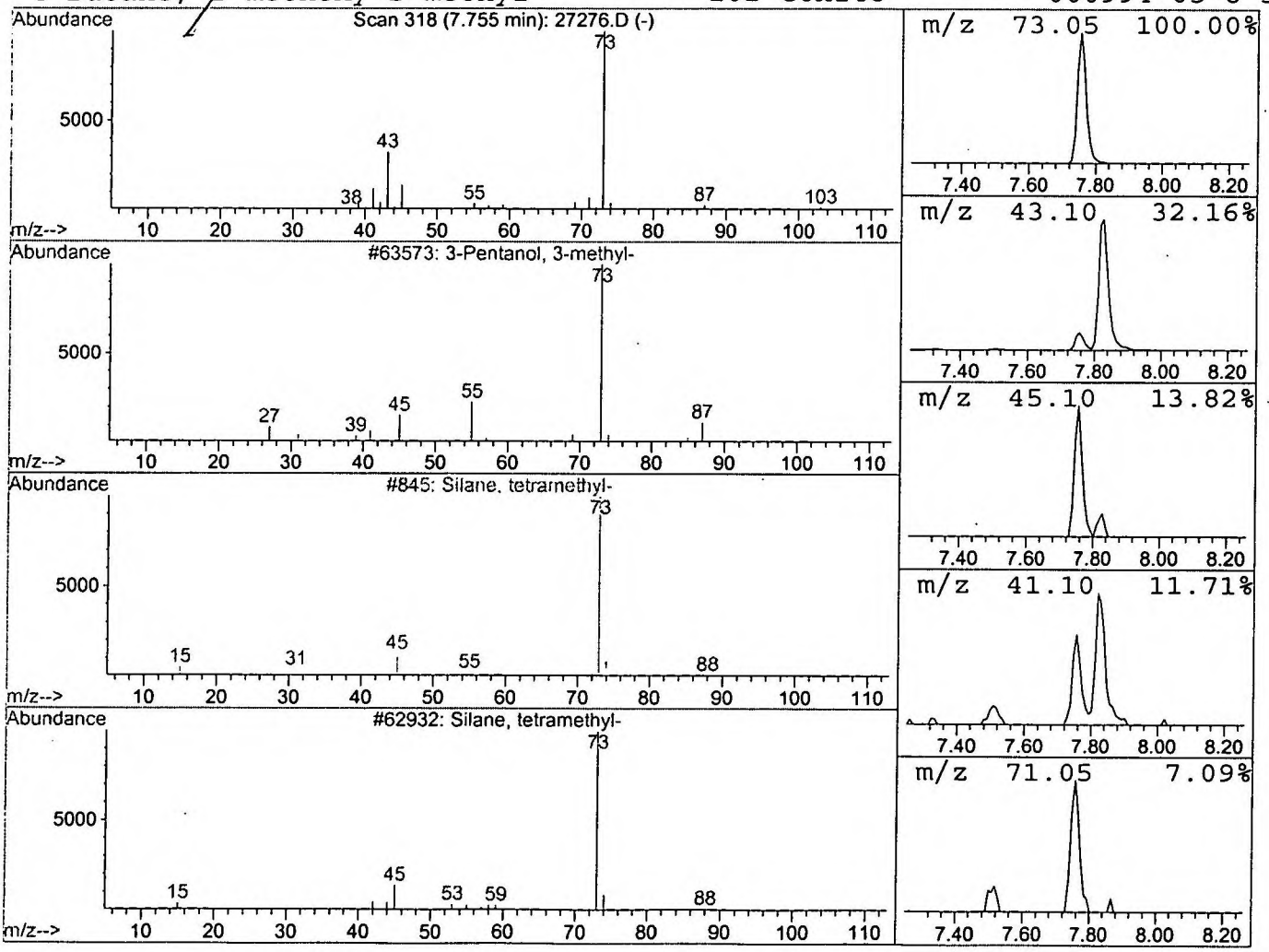
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	1.23 ng/uL	296113	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	33
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

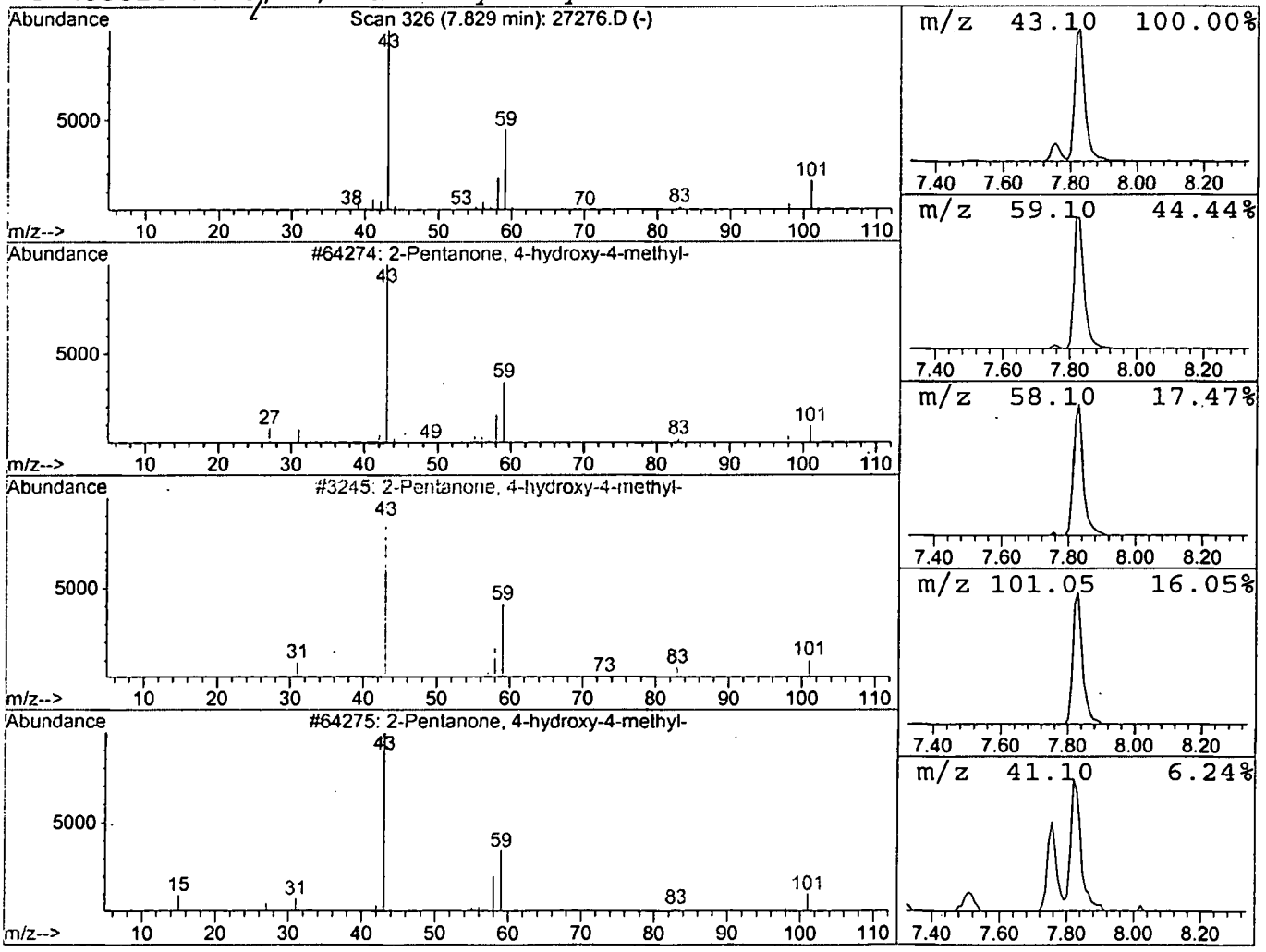
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	3.55 ng/uL	857367	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	78
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	40
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



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Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

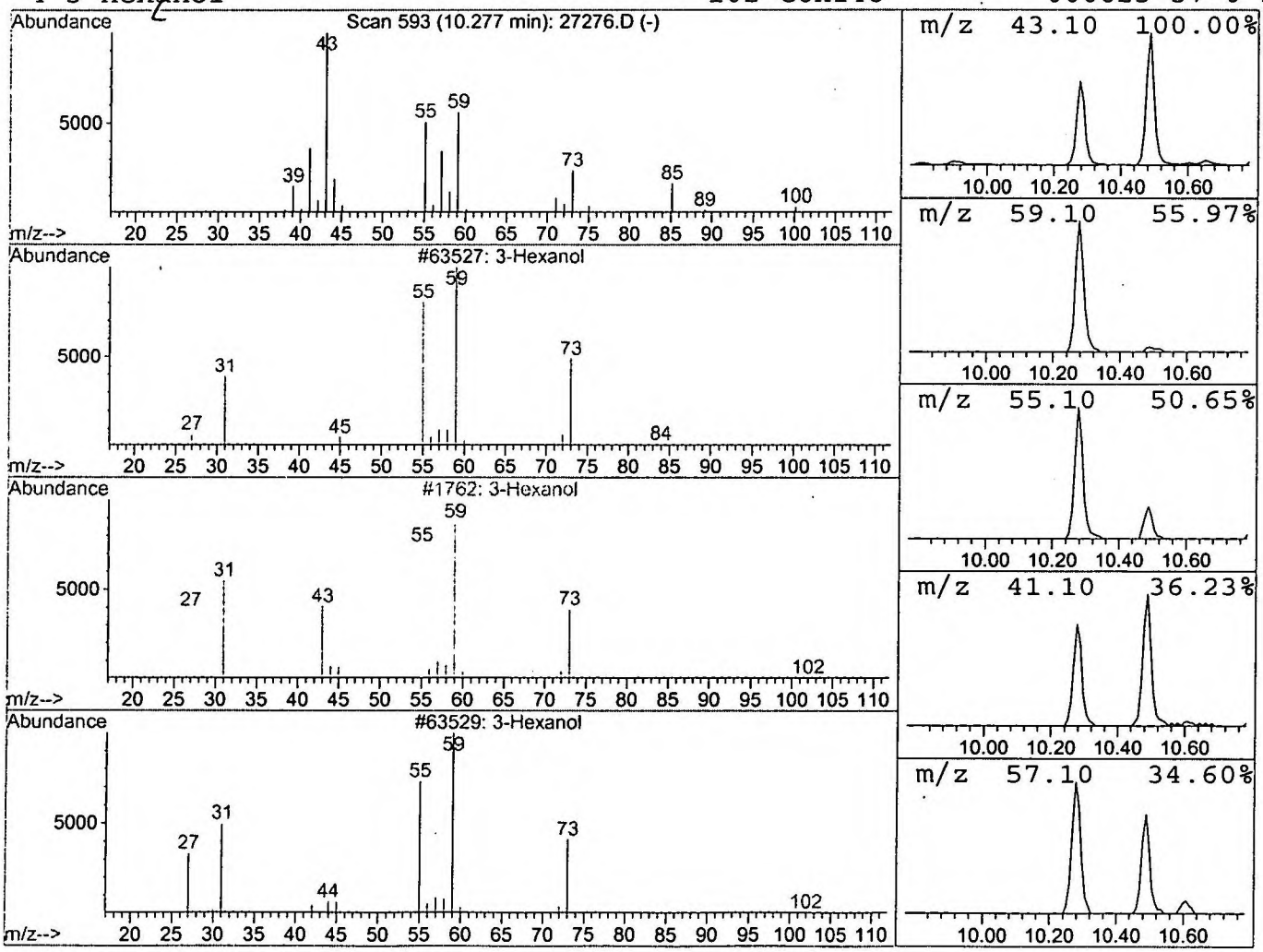
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	1.57 ng/uL	379027	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	43
2	3-Hexanol	102	C6H14O	000623-37-0	38
3	3-Hexanol	102	C6H14O	000623-37-0	37
4	3-Hexanol	102	C6H14O	000623-37-0	37



Library Search Compound Report

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Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

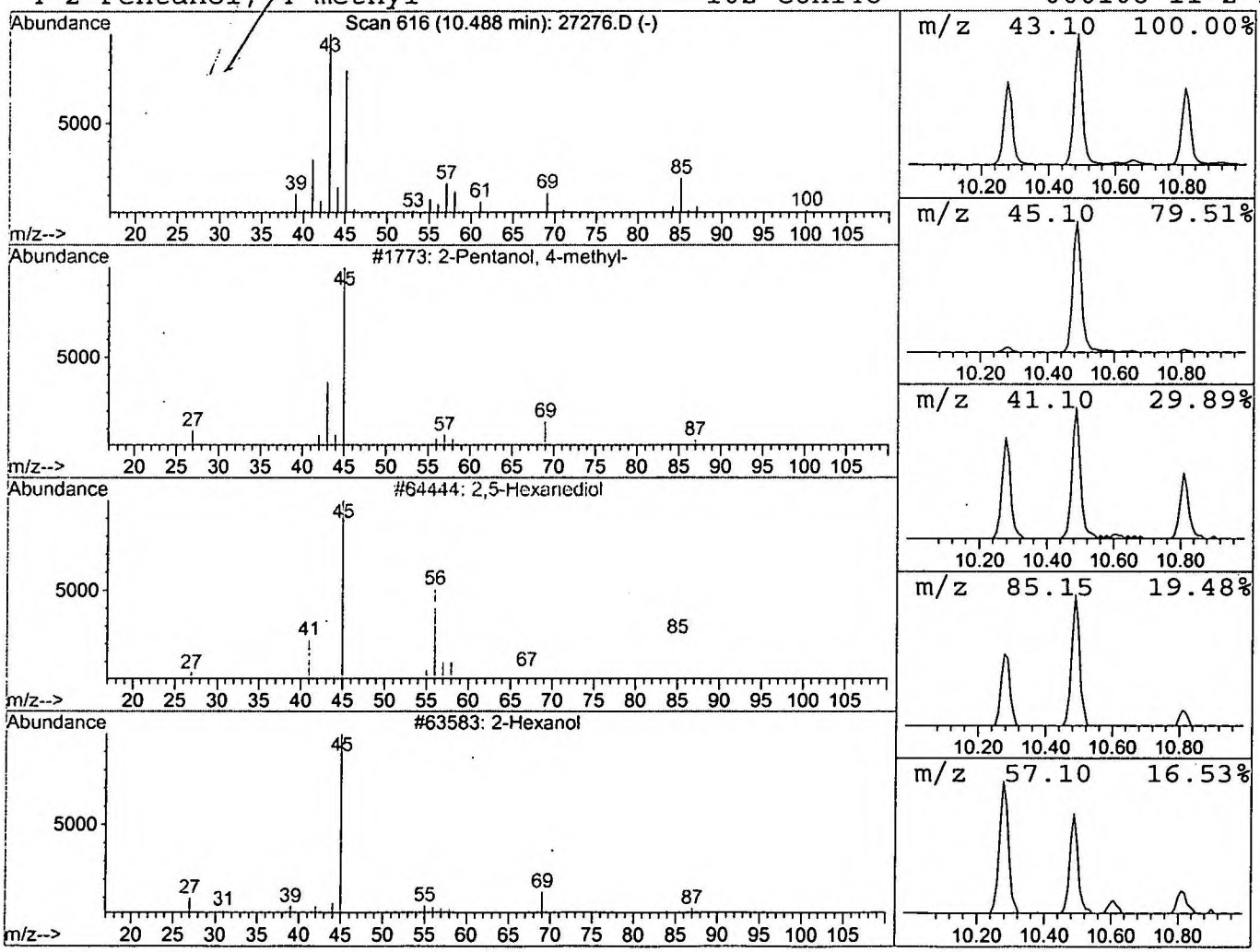
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.02 ng/uL	487720	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	2,5-Hexanediol	118	C6H14O2	002935-44-6	59
3	2-Hexanol	102	C6H14O	000626-93-7	53
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

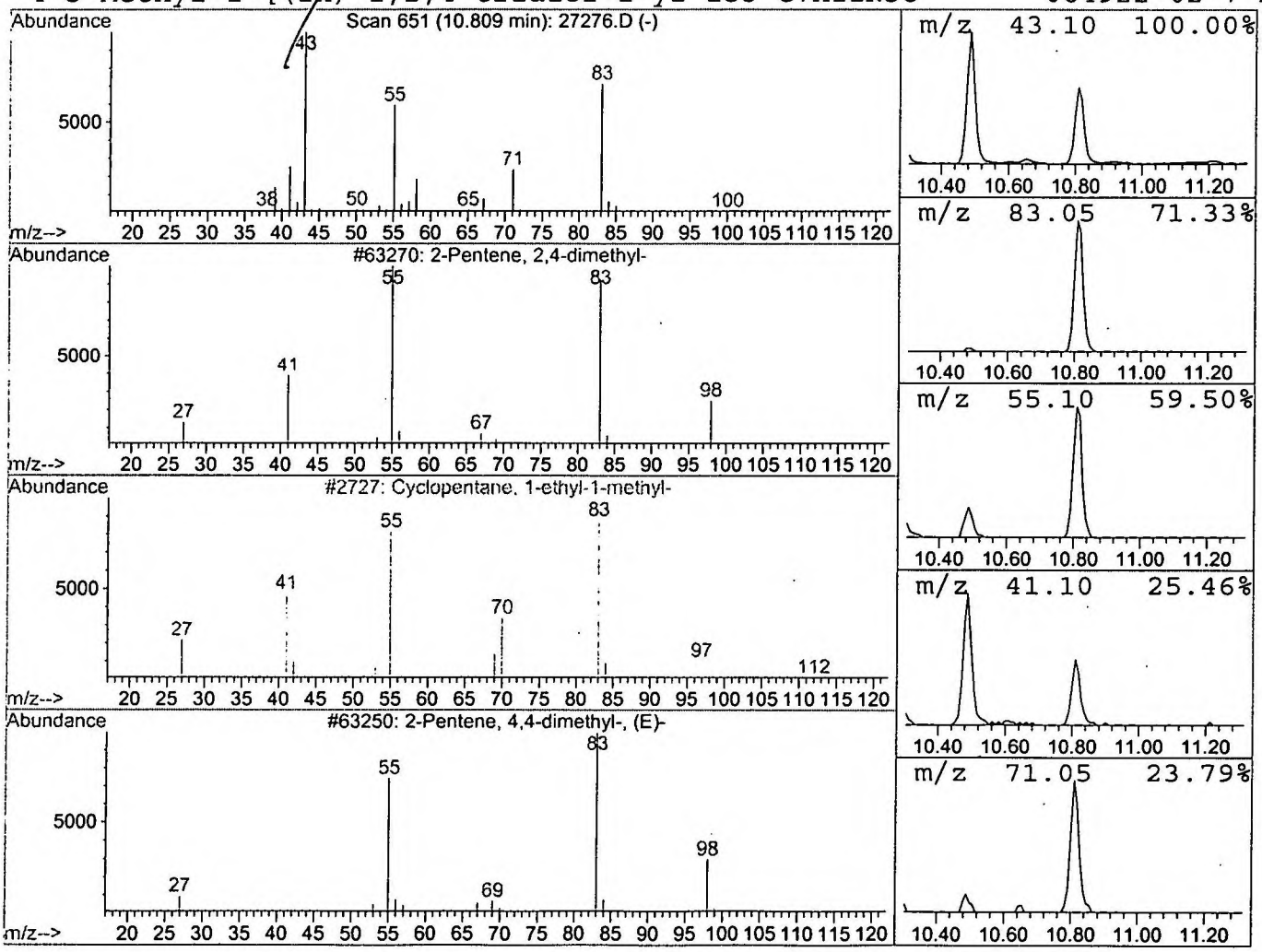
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2-Pentene, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	1.34 ng/uL	324225	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	38
2	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	32
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	32
4	3-Methyl-1-[(1H)-1,2,4-triazol-1-yl	153	C7H11N3O	064922-02-7	25



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 19 Dec 2001 8:56 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27276.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
2-Hexanone	6.57	0.6	ng/uL	145752	ISTD01	11.85	4824280	20.0
3-Pentanol, 3-methyl	7.76	1.2	ng/uL	296113	ISTD01	11.85	4824280	20.0
2-Pentanone, 4-hydro	7.83	3.6	ng/uL	857367	ISTD01	11.85	4824280	20.0
3-Hexanol	10.28	1.6	ng/uL	379027	ISTD01	11.85	4824280	20.0
2-Pentanol, 4-methyl	10.49	2.0	ng/uL	487720	ISTD01	11.85	4824280	20.0
2-Rentene, 2,4-dimet	10.81	1.3	ng/uL	324225	ISTD01	11.85	4824280	20.0

27276.D NP112701.M Wed Dec 19 09:57:56 2001

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D Vial: 4
Acq On : 19 Dec 2001 8:56 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

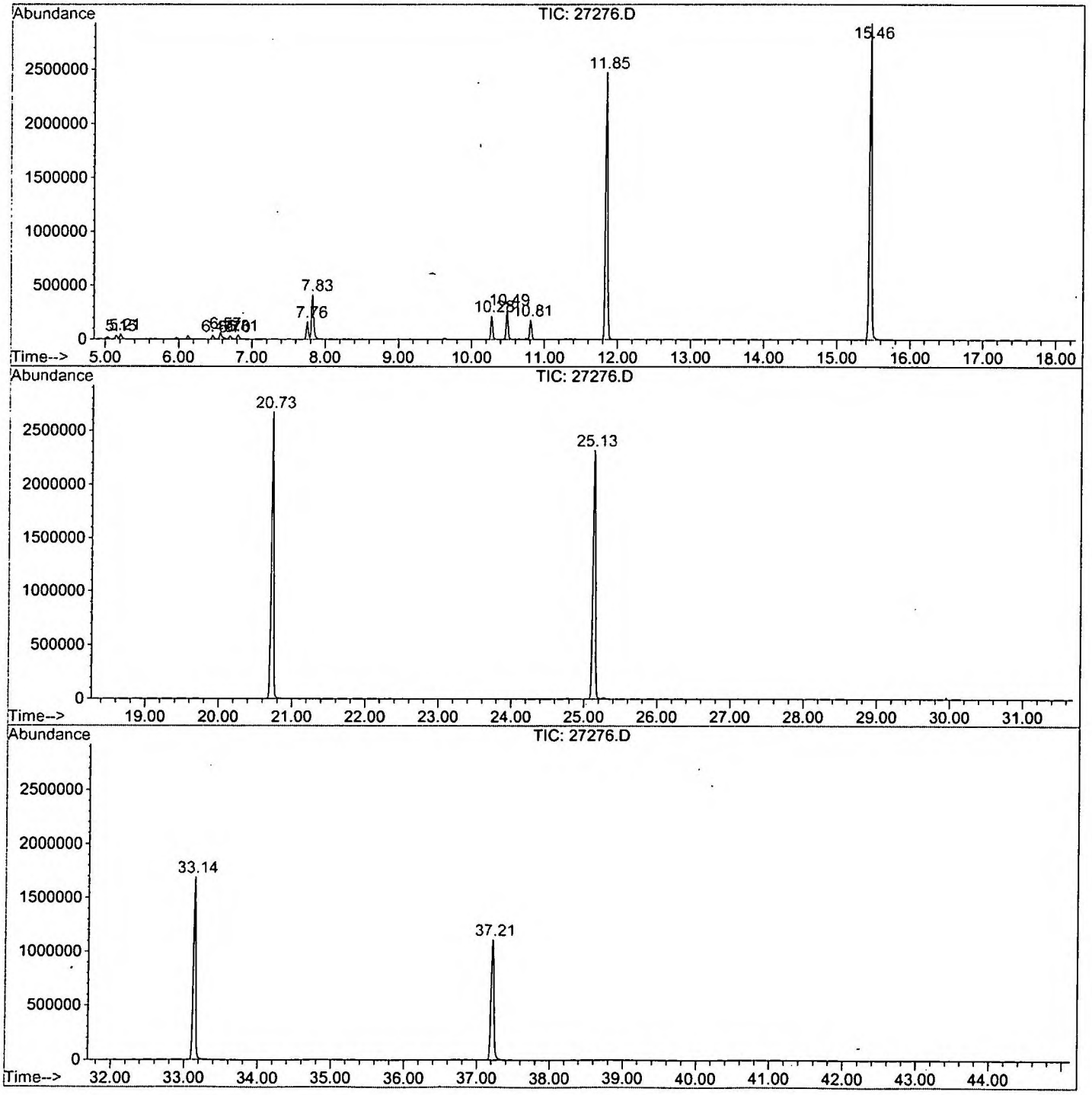
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.151	30	34	38	rVV	37901	67921	1.10%	0.216%
2	5.206	38	40	48	rVB	48529	95674	1.55%	0.305%
3	6.462	174	177	184	rBB	35705	66768	1.09%	0.213%
4	6.572	184	189	199	rBV2	61132	145752	2.37%	0.464%
5	6.701	199	203	210	rBV3	30174	68133	1.11%	0.217%
6	6.811	210	215	221	rBV	39630	81741	1.33%	0.260%
7	7.755	314	318	322	rBV	165310	296113	4.81%	0.944%
8	7.829	322	326	337	rVB	412495	857367	13.93%	2.732%
9	10.277	588	593	602	rBB	219943	379027	6.16%	1.208%
10	10.488	611	616	623	rBV	281685	487720	7.93%	1.554%
11	10.809	647	651	658	rBV	180757	324225	5.27%	1.033%
12	11.845	759	764	775	rBV	2474116	4824278	78.40%	15.373%
13	15.458	1151	1158	1175	rBV	2925661	6153034	100.00%	19.607%
14	20.731	1725	1733	1745	rBV	2676132	5709232	92.79%	18.193%
15	25.133	2206	2213	2225	rBV2	2322008	5066328	82.34%	16.144%
16	33.138	3079	3086	3099	rBV2	1695048	3708789	60.28%	11.818%
17	37.210	3523	3530	3546	rBV2	1115292	3049931	49.57%	9.719%

Sum of corrected areas: 31382033

27276.D NP112701.M Thu Dec 20 11:38:24 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Operator : GALOS
Acquired : 19 Dec 2001 8:56 am using AcqMethod HP032901
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 4
Quant File :NP112701.RES (RTE Integrator)



27276.D NP112701.M Thu Dec 20 11:38:26 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

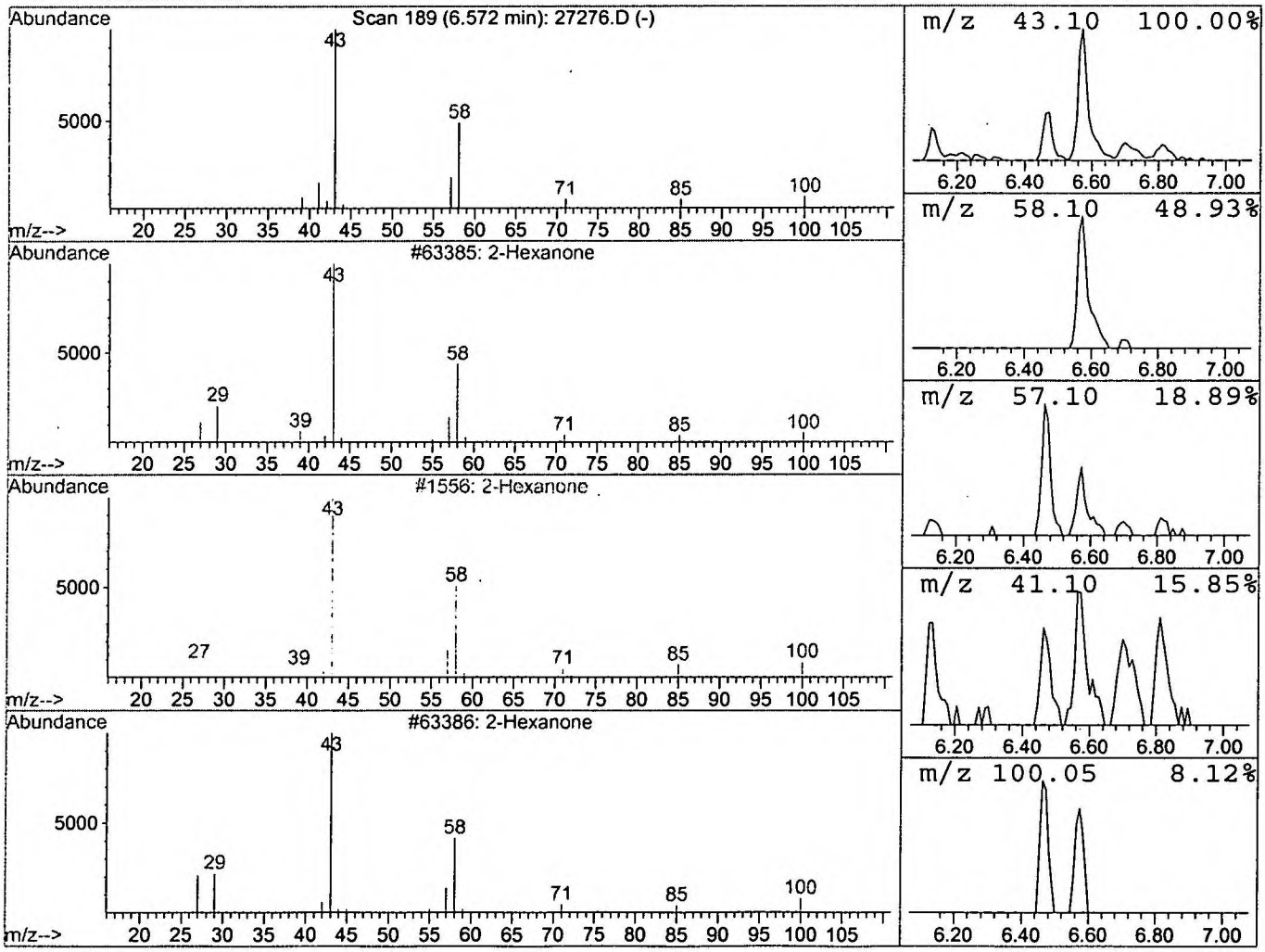
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.57	0.60 ng/uL	145752	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	90
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

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

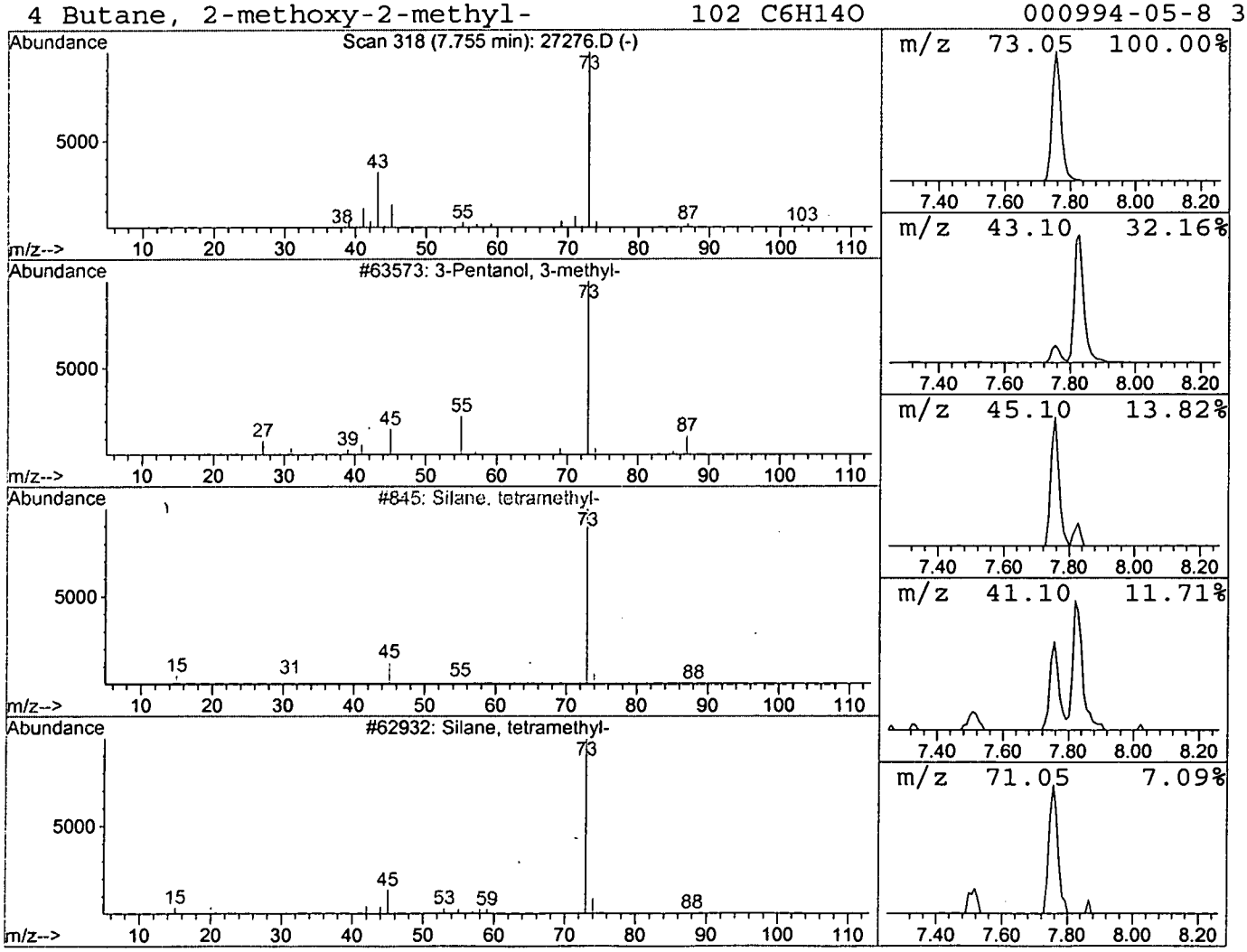
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	1.23 ng/uL	296113	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	Silane, tetramethyl-	88	C4H12Si	000075-76-3	33
3	Silane, tetramethyl-	88	C4H12Si	000075-76-3	33
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D Vial: 4
Acq On : 19 Dec 2001 8:56 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

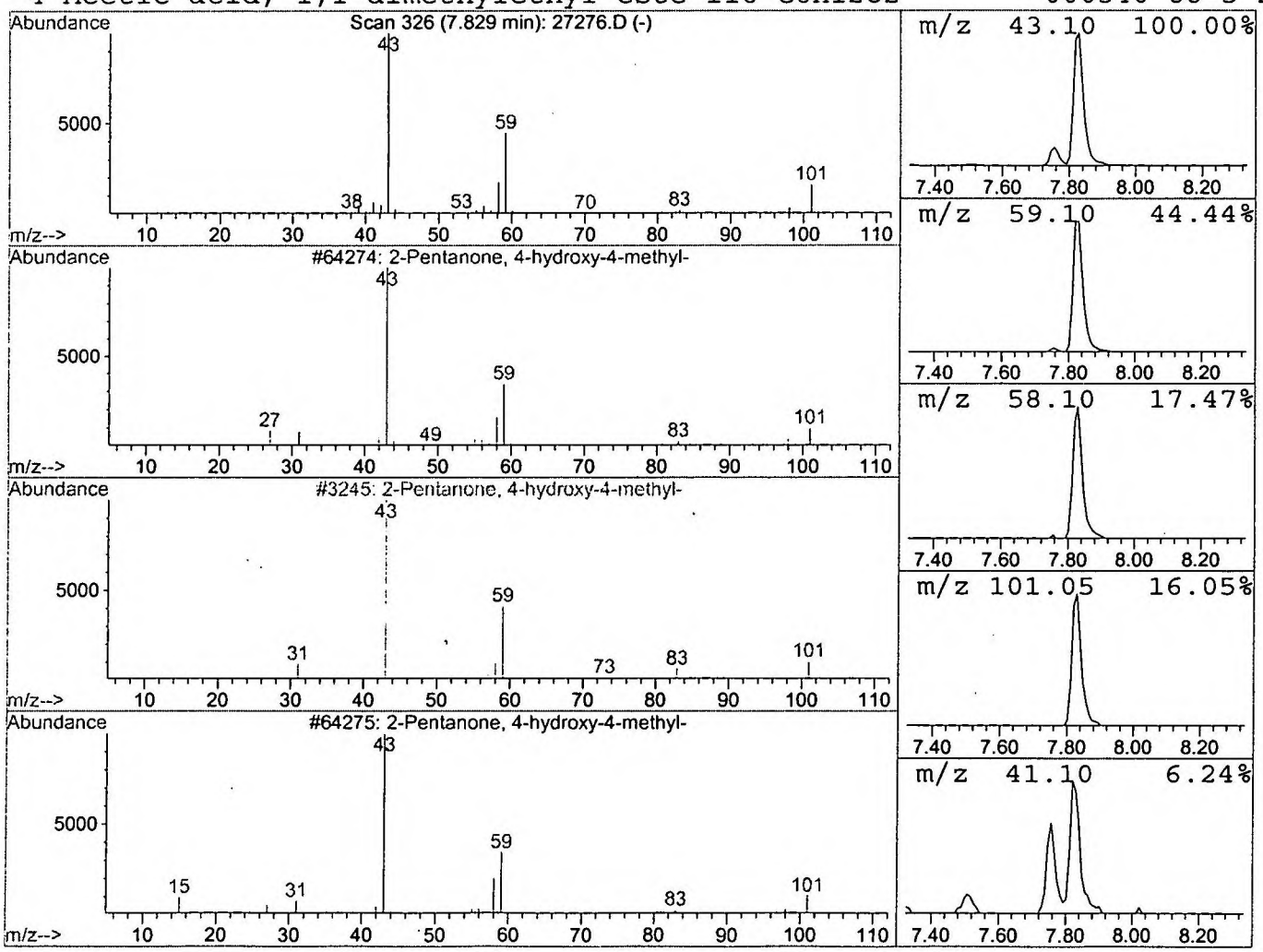
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	3.55 ng/uL	857367	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	78
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	40
4	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	28



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

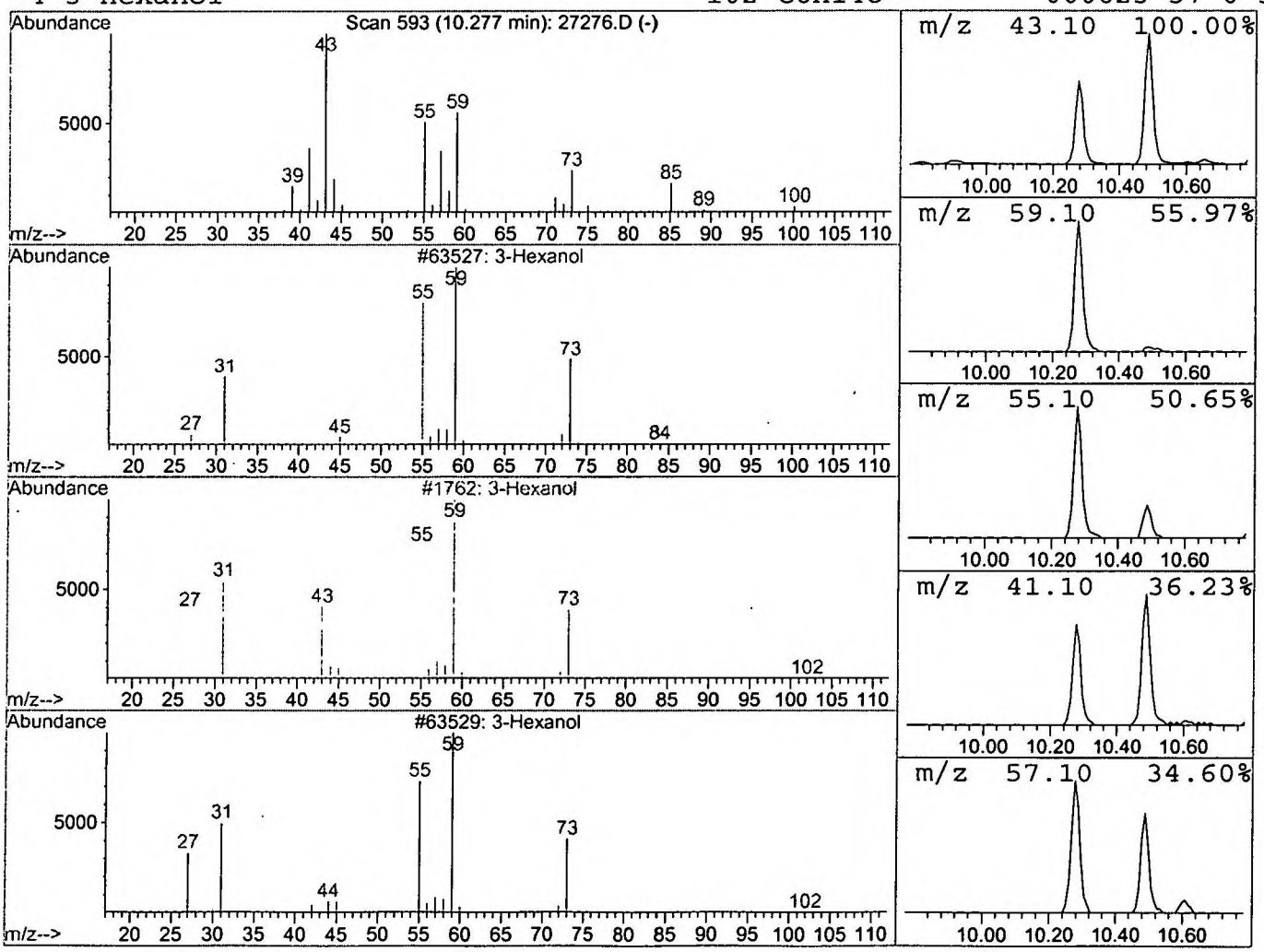
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 3-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.28	1.57 ng/uL	379027	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	43
2	3-Hexanol	102	C6H14O	000623-37-0	38
3	3-Hexanol	102	C6H14O	000623-37-0	37
4	3-Hexanol	102	C6H14O	000623-37-0	37



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

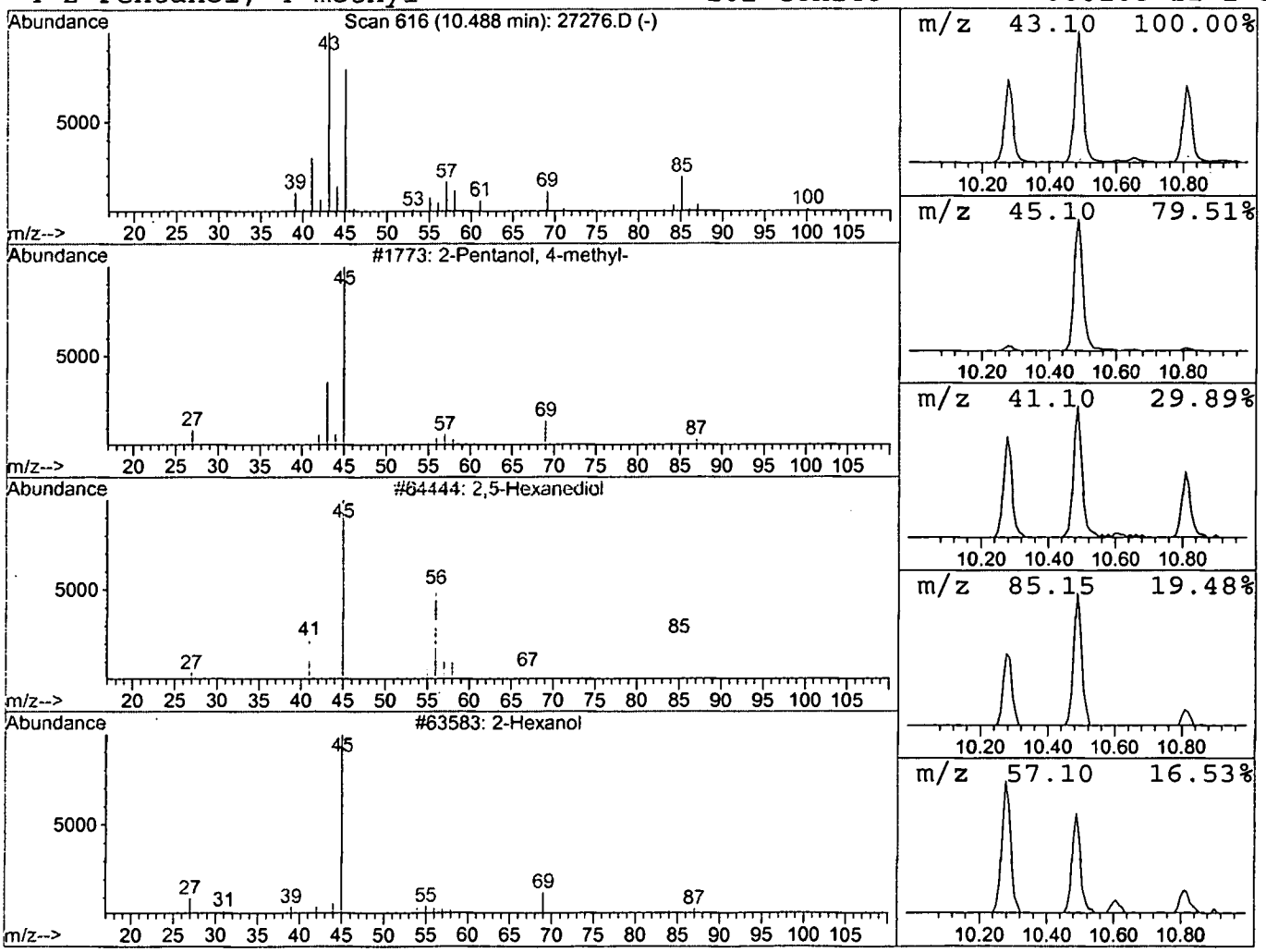
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	2.02 ng/uL	487720	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	2,5-Hexanediol	118	C6H14O2	002935-44-6	59
3	2-Hexanol	102	C6H14O	000626-93-7	53
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	53



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27276.D
Acq On : 19 Dec 2001 8:56 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

Vial: 4
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

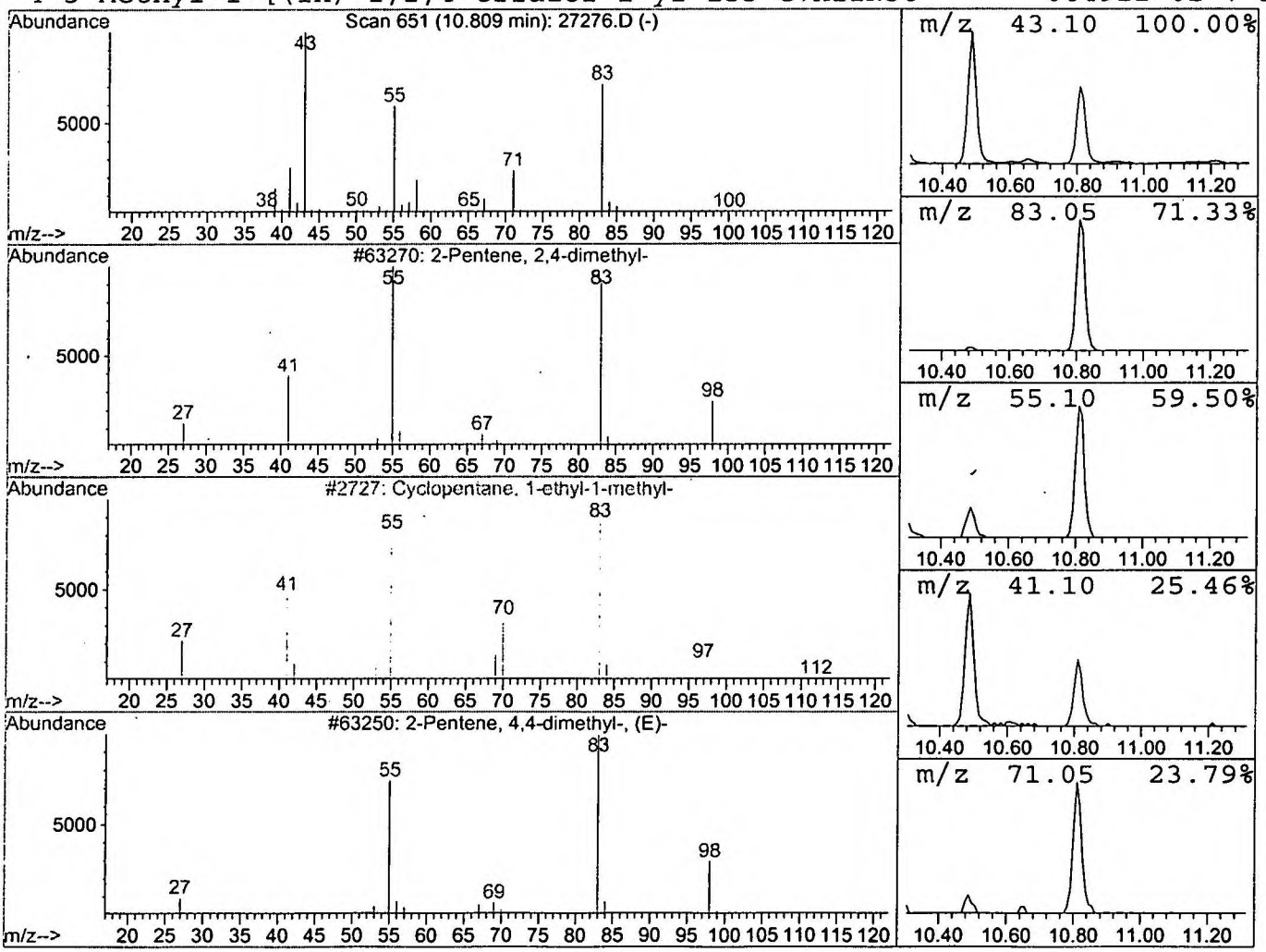
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2-Pentene, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.81	1.34 ng/uL	324225	1,4-Dichlorobenzene-d4	11.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	38
2	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	32
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	32
4	3-Methyl-1-[(1H)-1,2,4-triazol-1-yl	153	C7H11N3O	064922-02-7	25



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 19 Dec 2001 8:56 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27276.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
2-Hexanone	6.57	0.6	ng/uL	145752	ISTD01	11.85	4824280	20.0
3-Pentanol, 3-methyl	7.76	1.2	ng/uL	296113	ISTD01	11.85	4824280	20.0
2-Pentanone, 4-hydro	7.83	3.6	ng/uL	857367	ISTD01	11.85	4824280	20.0
3-Hexanol	10.28	1.6	ng/uL	379027	ISTD01	11.85	4824280	20.0
2-Pentanol, 4-methyl	10.49	2.0	ng/uL	487720	ISTD01	11.85	4824280	20.0
2-Pentene, 2,4-dimet	10.81	1.3	ng/uL	324225	ISTD01	11.85	4824280	20.0

27276.D NP112701.M Thu Dec 20 11:38:40 2001