User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/02/2002 Time: 14:54:13

Sample: AD27985
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/2/02 14:52 Ended: 1/2/02 14:52 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 AD27985 - Analysis $GCMS

Vestchester Dept. of Labs & Research
ser: Galos, Marie
ate: 01-02-2002 Time: 14:54:38

scan of the extract prepared for the 508 analysis, from 35-550 amu using a
ass spectrometer, does not reveal the presence of non-target compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27985.D Vial: 26
Acq On : 21 Dec 2001 6:45 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:28 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	11.86	152	1017776	20.00	ng/uL	-0.08
19) Naphthalene-d8	15.47	136	4077687	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.74	164	1824517	20.00	ng/uL	-0.08
49) Phenanthrene-d10	25.16	188	2705969	20.00	ng/uL	-0.09
59) Chrysene-d12	33.16	240	1878637	20.00	ng/uL	-0.09
68) Perylene-d12	37.24	264	964147	20.00	ng/uL	-0.10
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	11.87	132	632	0.01	ng/uL	0.44
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	2191	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	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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Acq On : 21 Dec 2001 6:45 am Operator: GALOS
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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
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	27.14	149	25521	N.D.	
58)	Fluoranthene	0.00	202	0	N.D.	
60)	3,3'-Dichlorobenzidine	33.14	252	668	N.D.	

(#) = qualifier out of range (m) = manual integration

Quantitation Report (QT Reviewed)

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Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
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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 : NP112701

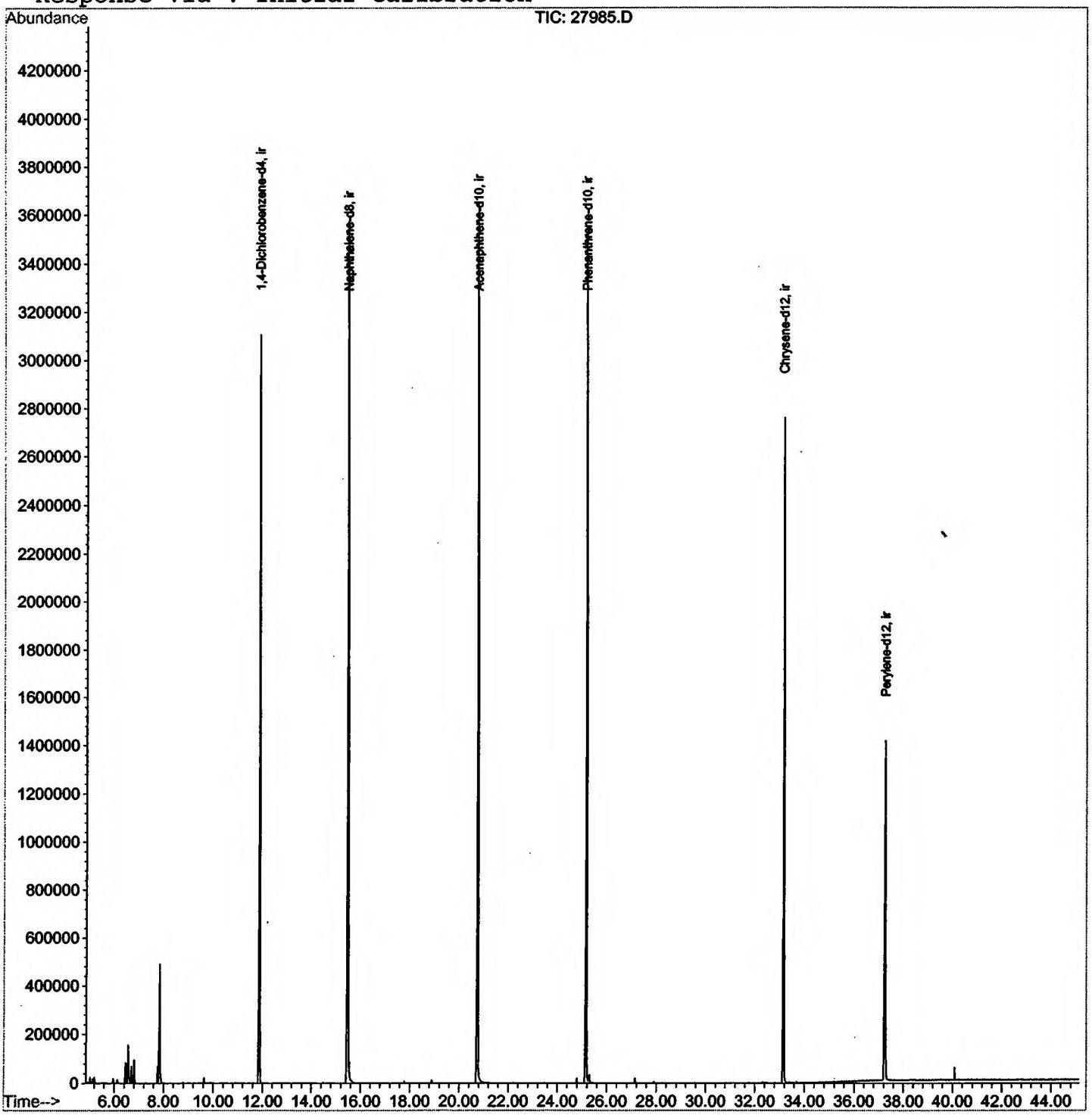
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	0.00	149	0	N.D.	
65) Benzo(a)anthracene	33.16	228	4268	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.42	149	2731	N.D.	
67) Chrysene	33.16	228	4268	N.D.	
69) Di-n-Octylphthalate	0.00	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	37.24	252	3691	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

Data File : C:\HPCHEM\1\DATA\DEC1901\27985.D Vial: 26
Acq On : 21 Dec 2001 6:45 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 21 9:28 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\27985.D Vial: 26
Acq On : 21 Dec 2001 6:45 am Operator: GALOS
Sample : gcms unknown 11/21 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

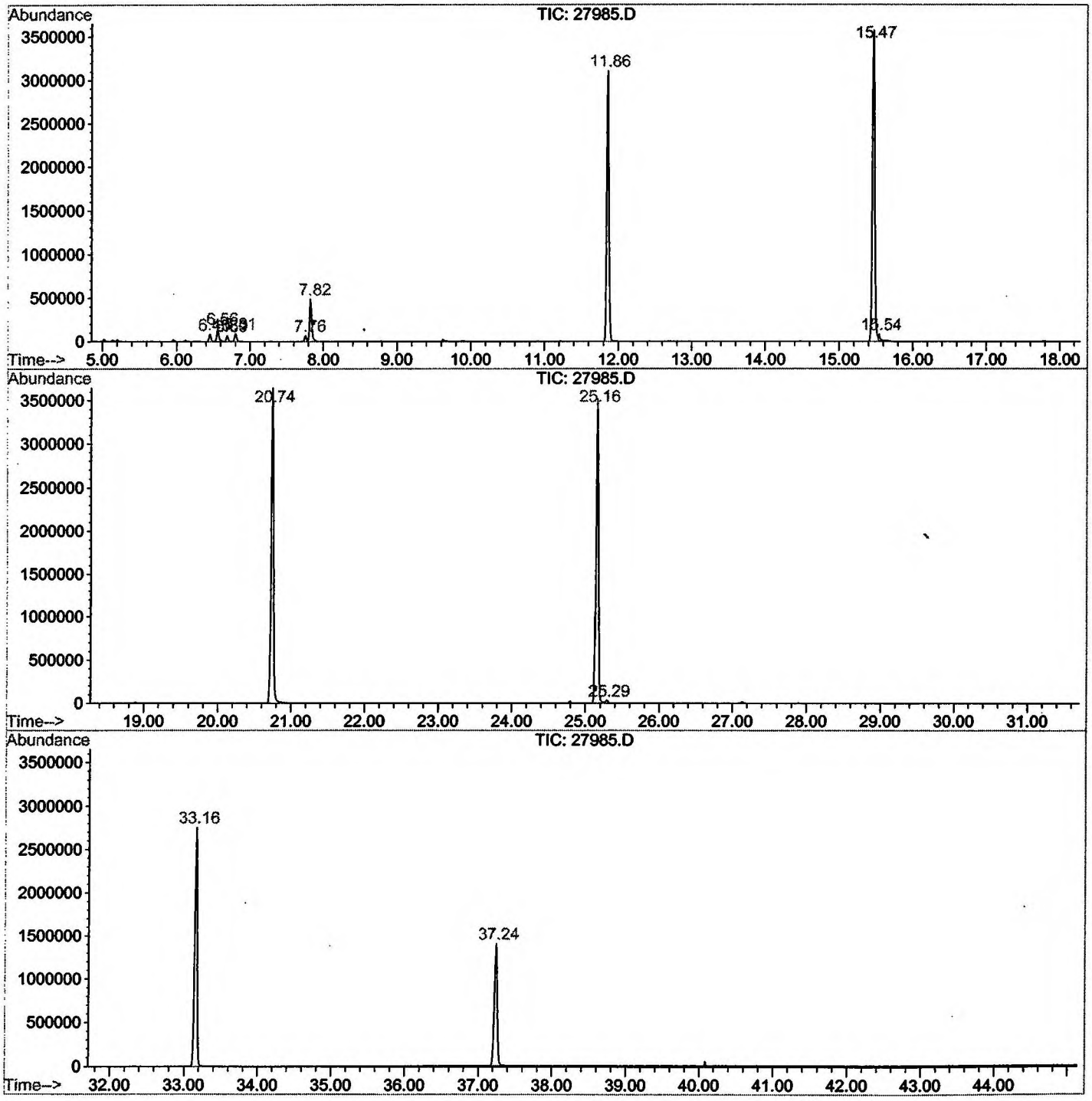
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.448	170	175	182	rBV	85815	171696	2.07%	0.400%
2	6.558	182	187	191	rBV	153142	289707	3.50%	0.675%
3	6.687	197	201	209	rBV	70680	131254	1.58%	0.306%
4	6.806	209	214	222	rVV	95016	192469	2.32%	0.449%
5	7.759	314	318	321	rBV	70400	131634	1.59%	0.307%
6	7.824	321	325	340	rVB	490951	987224	11.92%	2.302%
7	11.858	759	765	778	rBV	3106992	6371928	76.94%	14.857%
8	15.471	1152	1159	1166	rBV	3573806	8281277	100.00%	19.309%
9	15.545	1166	1167	1176	rVB	80445	96641	1.17%	0.225%
10	20.744	1726	1734	1755	rBV	3651981	8183951	98.82%	19.082%
11	25.155	2207	2215	2226	rBV2	3519819	7793291	94.11%	18.171%
12	25.293	2226	2230	2238	rVB	33577	85531	1.03%	0.199%
13	33.161	3079	3088	3100	rBV2	2757781	6365052	76.86%	14.841%
14	37.241	3525	3533	3545	rBV2	1402990	3806911	45.97%	8.876%

Sum of corrected areas: 42888566

27985.D NP112701.M Fri Dec 28 09:30:48 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27985.D
Operator : GALOS
Acquired : 21 Dec 2001 6:45 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/21
Misc Info :
Vial Number: 26
Quant File :NP112701.RES (RTE Integrator)



27985.D NP112701.M Fri Dec 28 09:30:50 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27985.D Vial: 26
Acq On : 21 Dec 2001 6:45 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

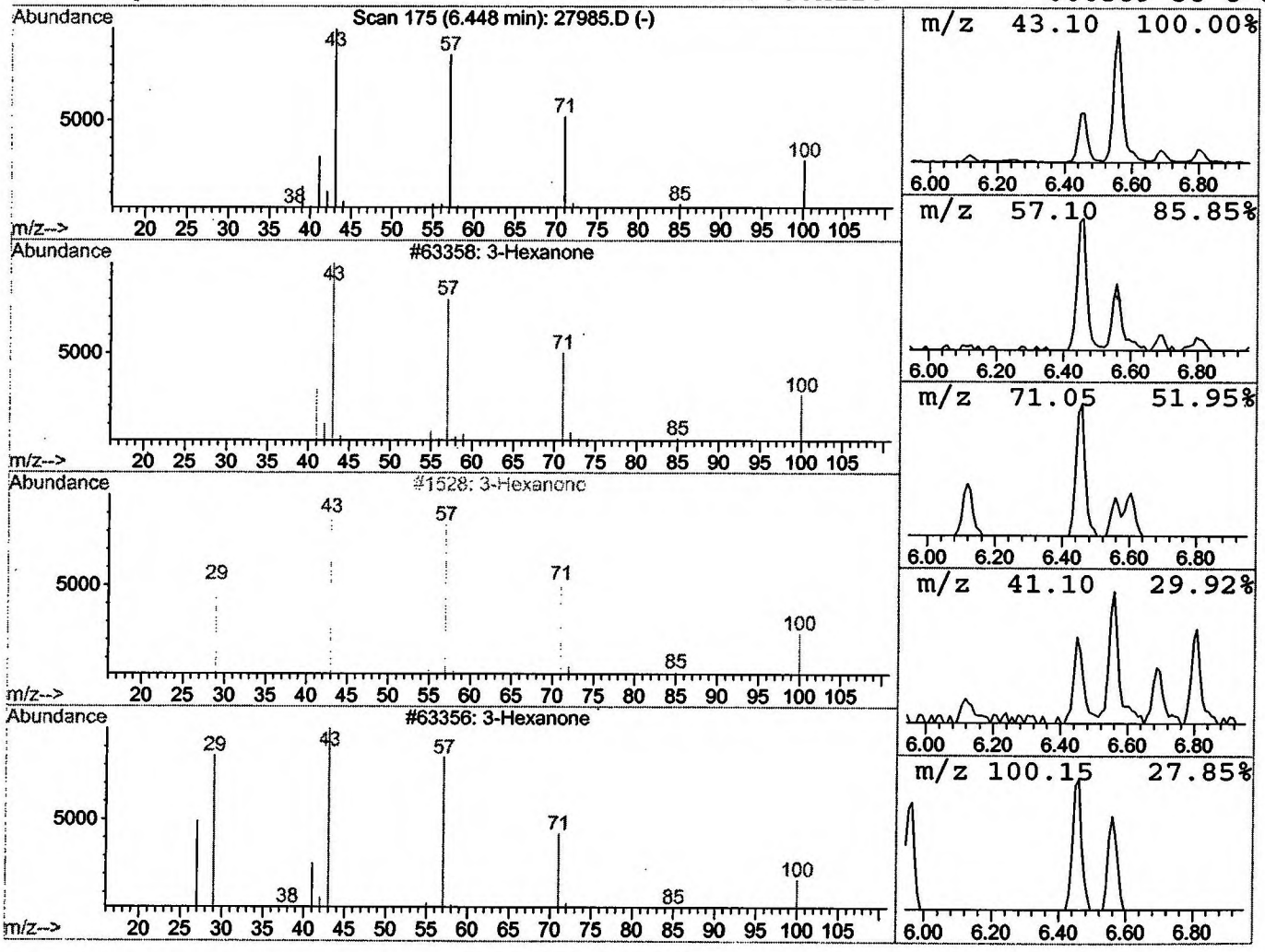
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.45	0.54 ng/uL	171696	1,4-Dichlorobenzene-d4	11.86

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	86
3	3-Hexanone	100	C6H12O	000589-38-8	72
4	3-Hexanone	100	C6H12O	000589-38-8	59



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27985.D Vial: 26
Acq On : 21 Dec 2001 6:45 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

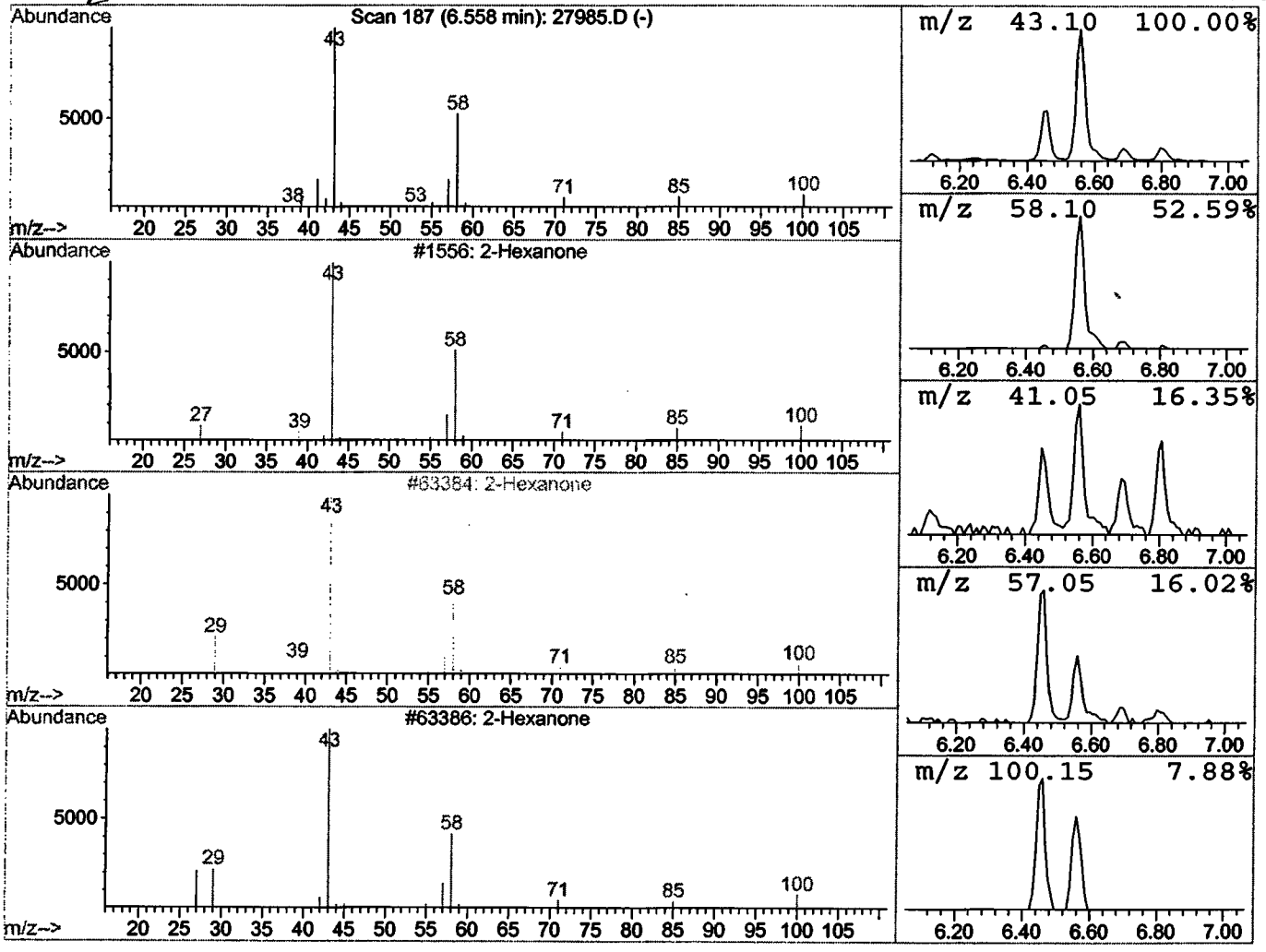
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	0.91 ng/uL	289707	1,4-Dichlorobenzene-d4	11.86

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	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27985.D Vial: 26
Acq On : 21 Dec 2001 6:45 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

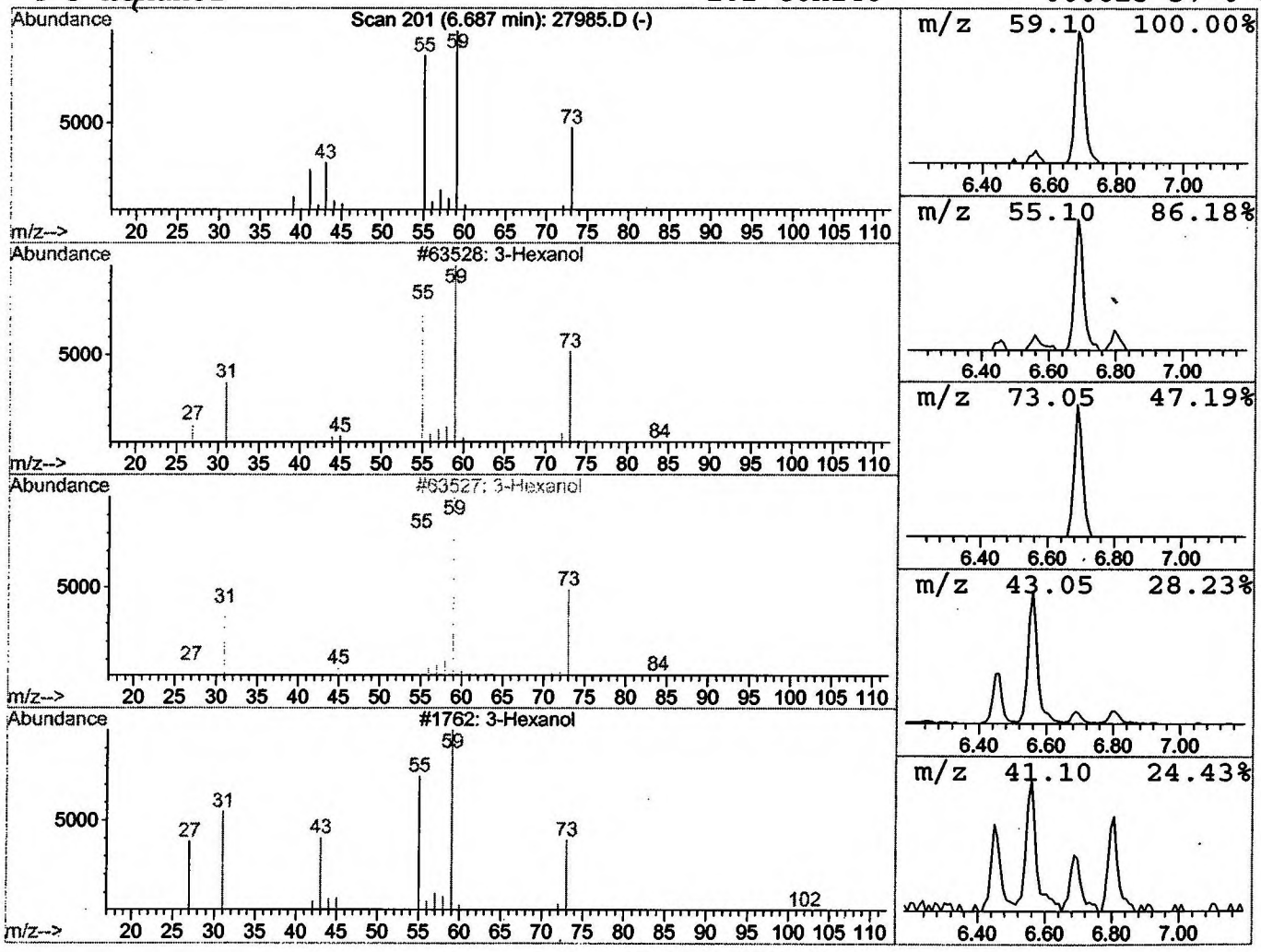
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.69	0.41 ng/uL	131254	1,4-Dichlorobenzene-d4	11.86

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



Library Search Compound Report

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Acq On : 21 Dec 2001 6:45 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

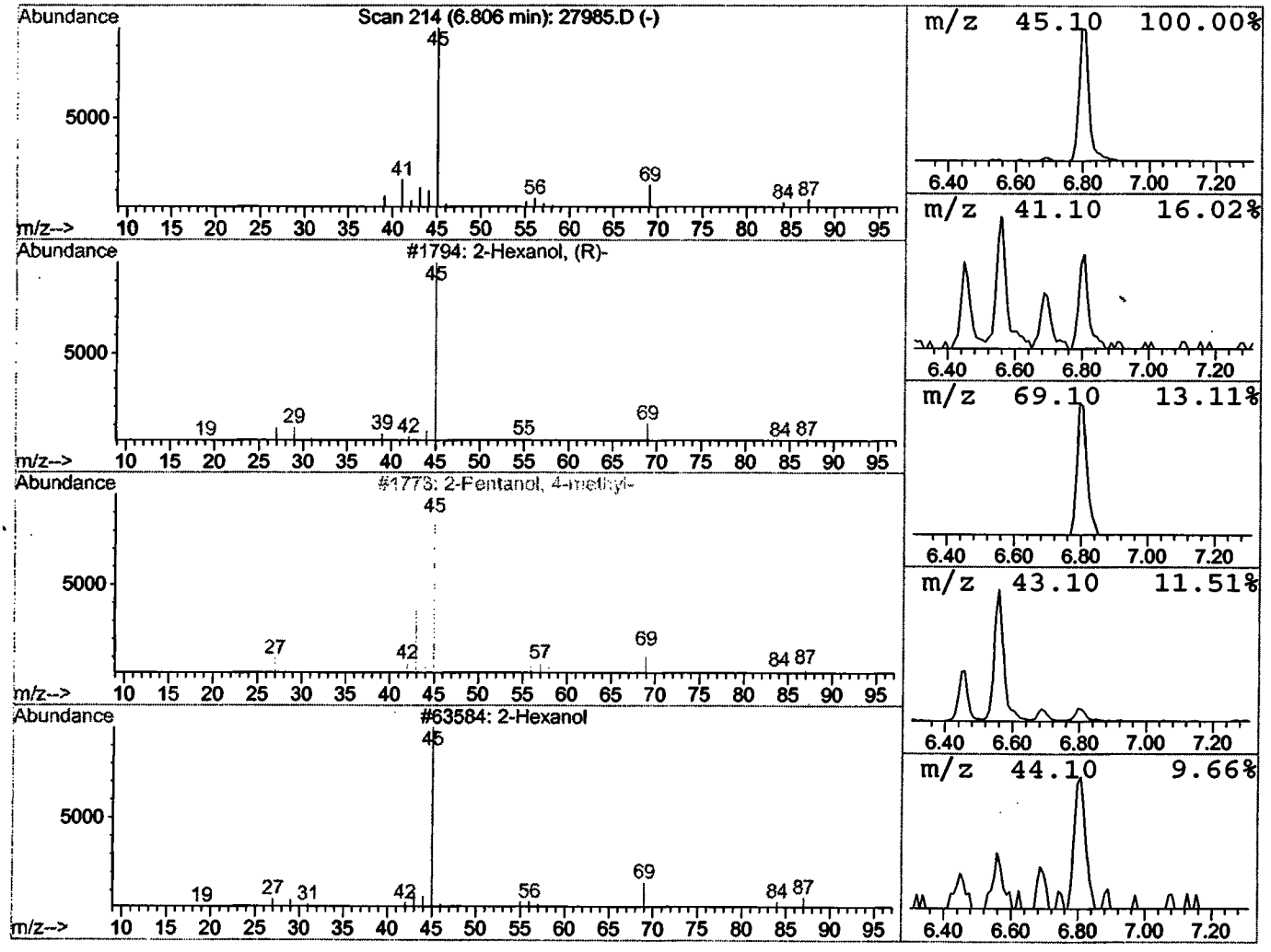
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol, (R)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	0.60 ng/uL	192469	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol, (R)-	102	C6H14O	026549-24-6	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	83
3	2-Hexanol	102	C6H14O	000626-93-7	83
4	2-Hexanol	102	C6H14O	000626-93-7	78



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27985.D Vial: 26
Acq On : 21 Dec 2001 6:45 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

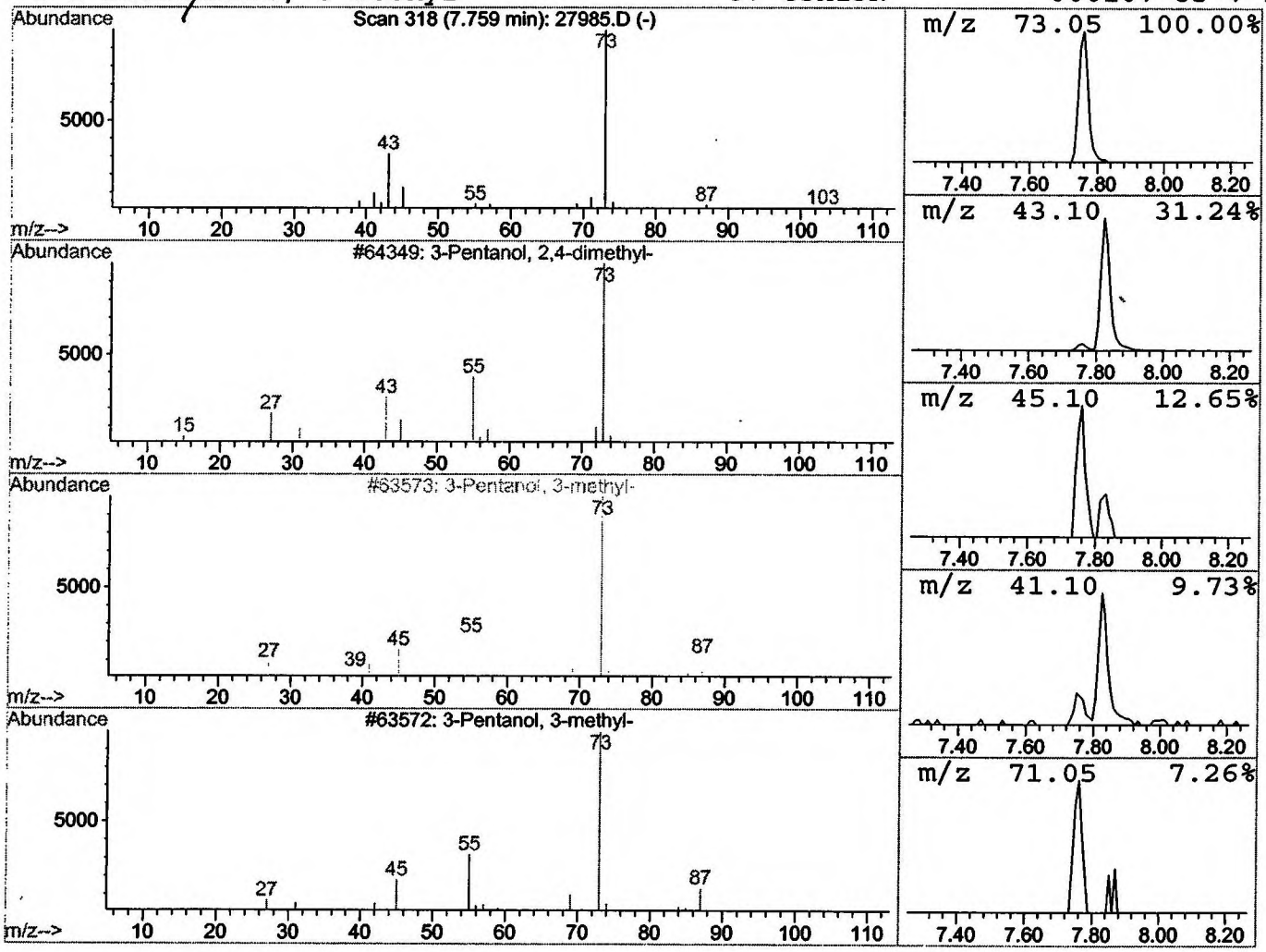
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.76	0.41 ng/uL	131634	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	33
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
4	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27985.D Vial: 26
Acq On : 21 Dec 2001 6:45 am Operator: GALOS
Sample : gcms unknown 11/21 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

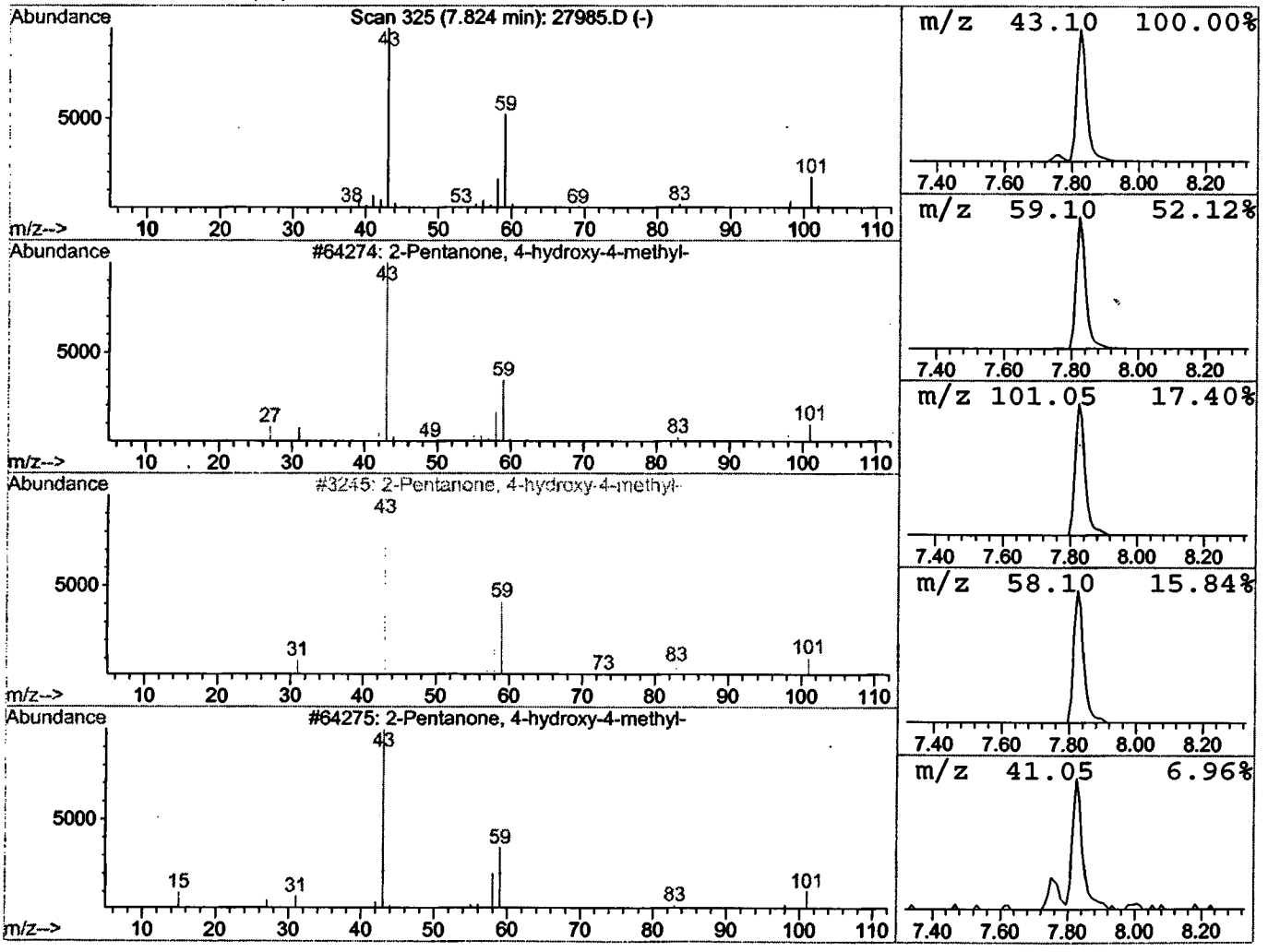
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.82	3.10 ng/uL	987224	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
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	42
4	CH2=CHCH2C(O)OCH3	100	C5H8O2	003724-55-8	12



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 21 Dec 2001 6:45 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27985.D
Name: gcms unknown 11/21
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	6.45	0.5	ng/uL	171696	ISTD01	11.86	6371930	20.0
2-Hexanone	6.56	0.9	ng/uL	289707	ISTD01	11.86	6371930	20.0
3-Hexanol	6.69	0.4	ng/uL	131254	ISTD01	11.86	6371930	20.0
2-Hexanol, (R)-	6.81	0.6	ng/uL	192469	ISTD01	11.86	6371930	20.0
3-Pentanol, 2,4-dime	7.76	0.4	ng/uL	131634	ISTD01	11.86	6371930	20.0
2-Pentanone, 4-hydro	7.82	3.1	ng/uL	987224	ISTD01	11.86	6371930	20.0

27985.D NP112701.M Fri Dec 28 09:31:04 2001