User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 14:22:10

Sample: AD27547
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 14:21 Ended: 12/18/01 14:21 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 AD27547 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-18-2001 Time: 14:22:17

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\DEC1301\27547.D Vial: 6
Acq On : 13 Dec 2001 2:56 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:08 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	11.87	152	1210574	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.47	136	4840544	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.74	164	2095733	20.00	ng/uL	-0.08
49) Phenanthrene-d10	25.15	188	3220158m	20.00	ng/uL	-0.09
59) Chrysene-d12	33.15	240	2244690	20.00	ng/uL	-0.10
68) Perylene-d12	37.24	264	1557226	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	1362	0.02	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.03%#		
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	1958	0.01	ng/uL	0.06
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

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Acq On : 13 Dec 2001 2:56 pm Operator: GALOS
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Last Update : Wed Nov 28 15:33:44 2001
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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	15.53	128	459	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	22.24	149	689	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	25.22	178	648	N.D.	
56)	Anthracene	25.22	178	648	N.D.	
57)	Di-n-butylphthalate	27.14	149	5194	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\DEC1301\27547.D Vial: 6
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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

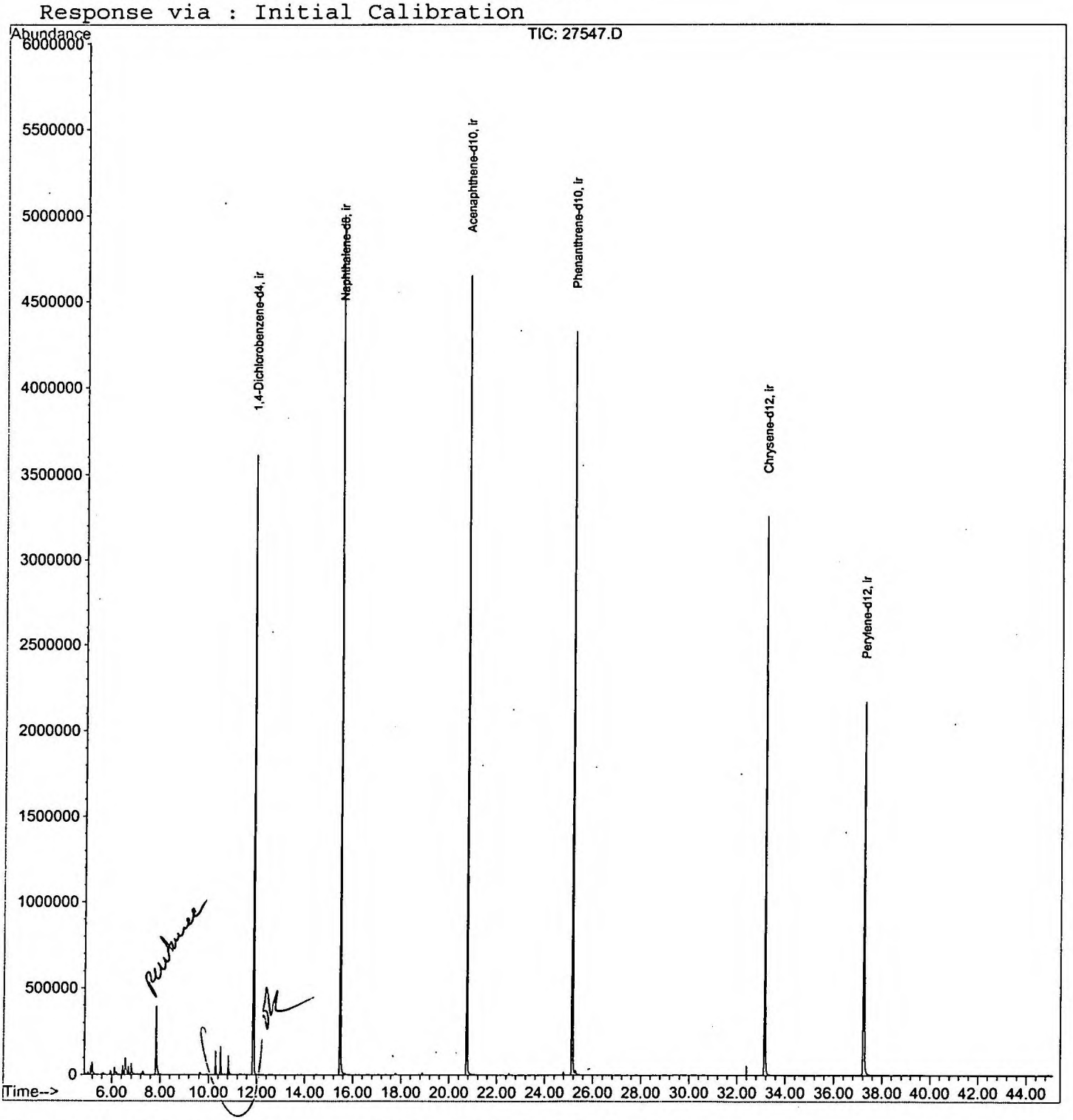
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	0.00	149	0	N.D.	
65) Benzo(a)anthracene	33.16	228	4655	N.D.	
66) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
67) Chrysene	33.16	228	4655	N.D.	
69) Di-n-Octylphthalate	0.00	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	5201	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\DEC1301\27547.D Vial: 6
Acq On : 13 Dec 2001 2:56 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:08 2001 Quant Results File: NP112701.RES

Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Last Update : Fri Dec 14 09:15:17 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27547.D Vial: 6
Acq On : 13 Dec 2001 2:56 pm Operator: GALOS
Sample : gcms unknown 11/15 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

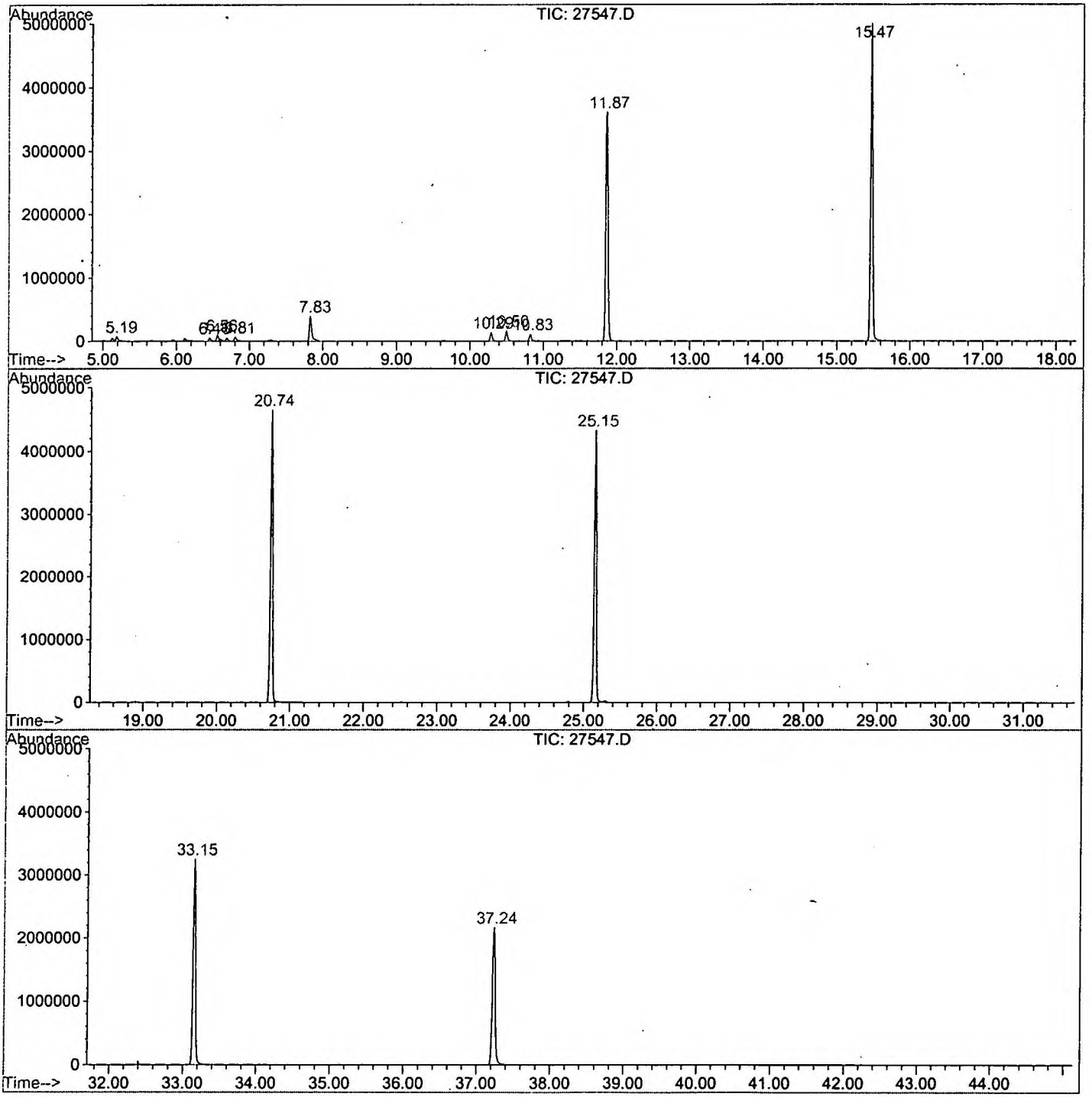
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.192	35	38	53	rVB	74669	170558	1.75%	0.334%
2	6.457	171	176	182	rBV	54411	111709	1.15%	0.219%
3	6.558	184	187	190	rBV	94447	170303	1.75%	0.333%
4	6.805	210	214	225	rBV	65132	153054	1.57%	0.300%
5	7.833	322	326	343	rVB	395565	895130	9.19%	1.752%
6	10.290	590	594	601	rBV	139182	273188	2.80%	0.535%
7	10.501	612	617	626	rBV	164166	308078	3.16%	0.603%
8	10.831	648	653	657	rBV	111626	210340	2.16%	0.412%
9	11.867	760	766	778	rBV	3612109	7489179	76.85%	14.662%
10	15.471	1153	1159	1177	rBV	5004956	9744790	100.00%	19.078%
11	20.744	1728	1734	1750	rBV	4652397	9455192	97.03%	18.511%
12	25.155	2208	2215	2226	rBV2	4327352	9019633	92.56%	17.658%
13	33.151	3080	3087	3106	rBV2	3254788	7238982	74.29%	14.172%
14	37.241	3524	3533	3554	rBV2	2166415	5838963	59.92%	11.431%

Sum of corrected areas: 51079099

27547.D NP112701.M Fri Dec 14 12:55:15 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27547.D
Operator : GALOS
Acquired : 13 Dec 2001 2:56 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/15
Misc Info :
Vial Number: 6
Quant File :NP112701.RES (RTE Integrator)



27547.D NP112701.M Fri Dec 14 12:55:17 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27547.D
Acq On : 13 Dec 2001 2:56 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

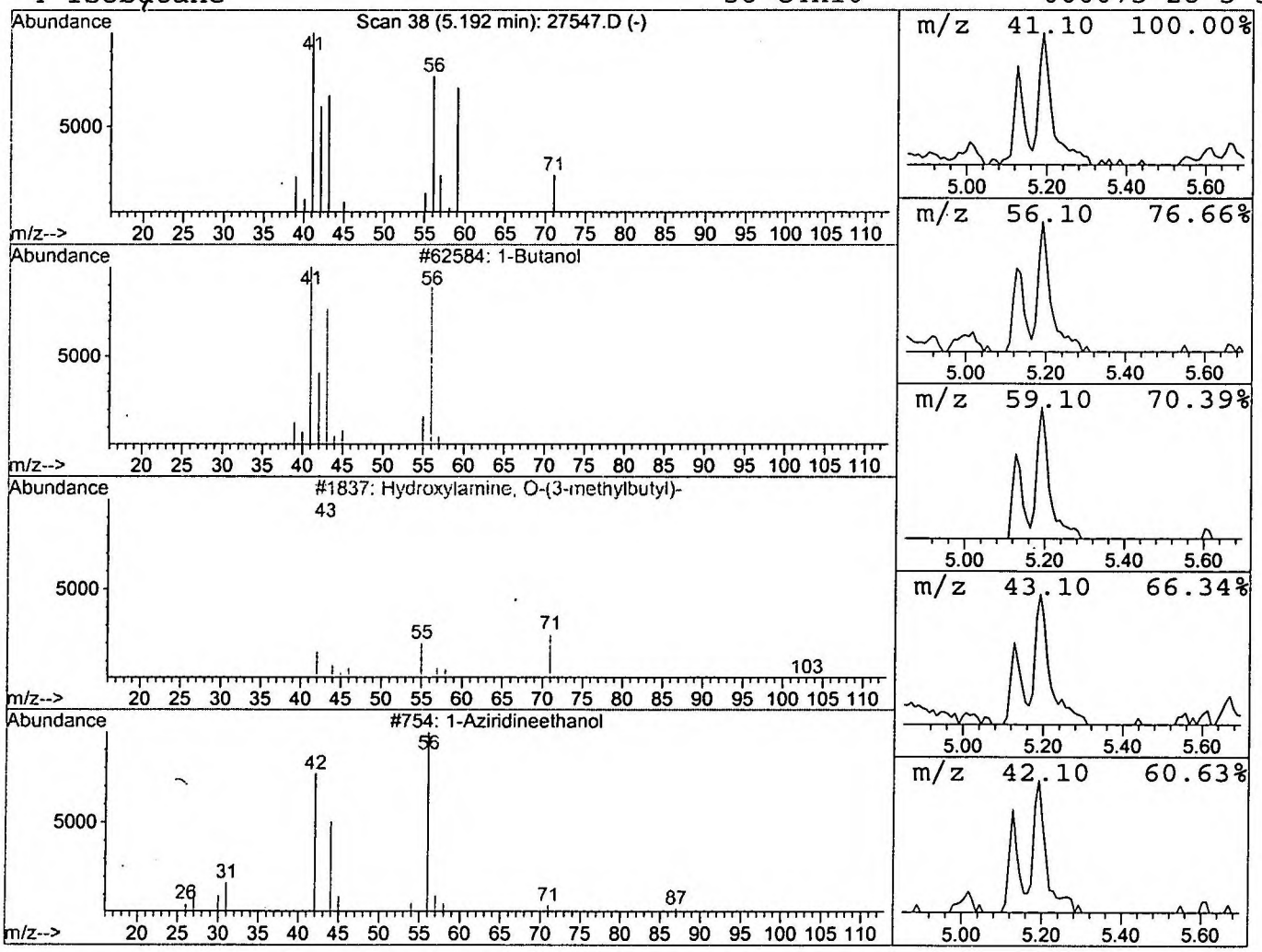
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	0.46 ng/uL	170558	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	38
2	Hydroxylamine, O-(3-methylbutyl)-	103	C5H13NO	019411-65-5	9
3	1-Aziridineethanol	87	C4H9NO	001072-52-2	9
4	Isobutane	58	C4H10	000075-28-5	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27547.D Vial: 6
Acq On : 13 Dec 2001 2:56 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

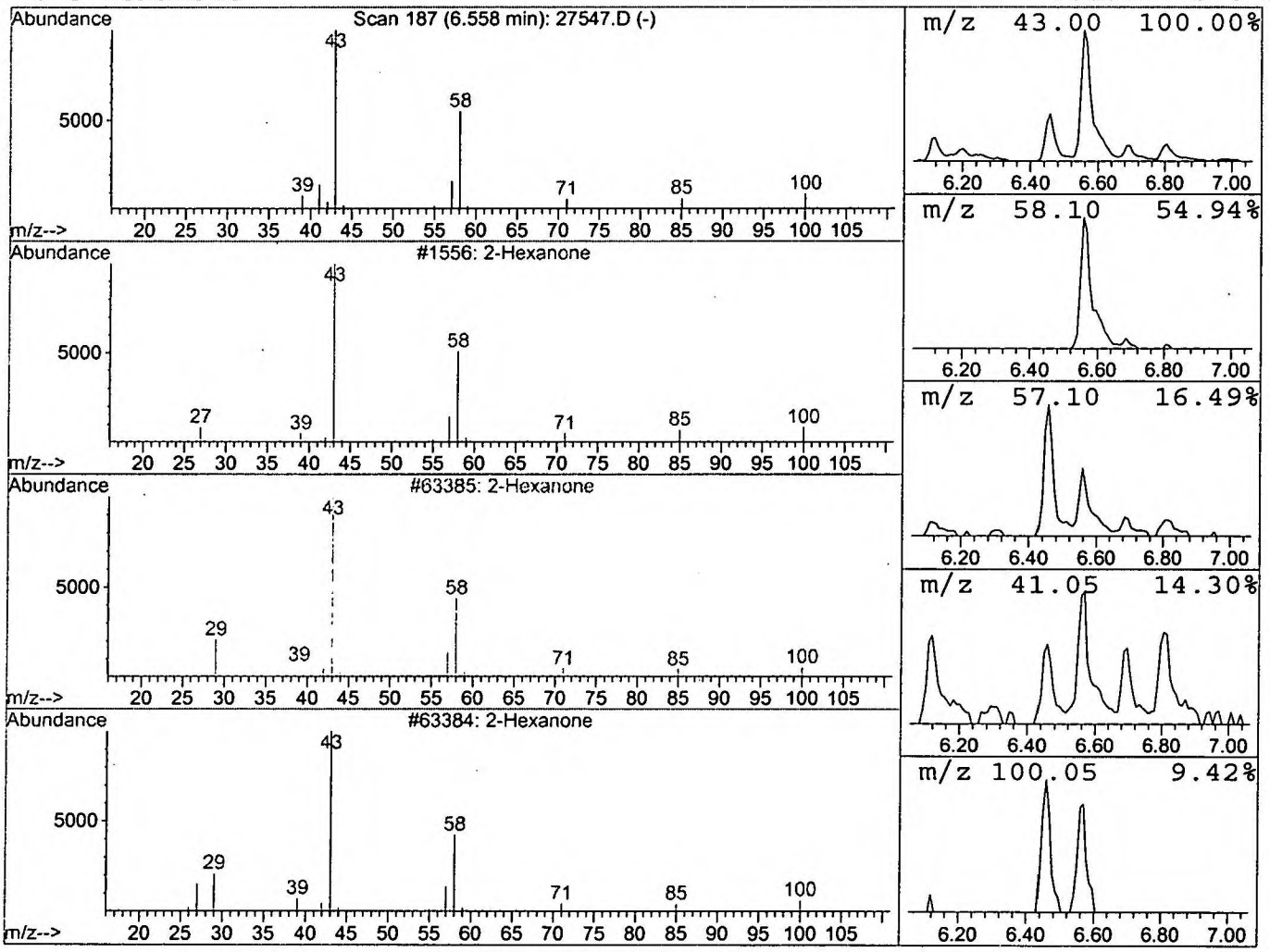
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	0.45 ng/uL	170303	1,4-Dichlorobenzene-d4	11.87

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	86



Library Search Compound Report

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Acq On : 13 Dec 2001 2:56 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

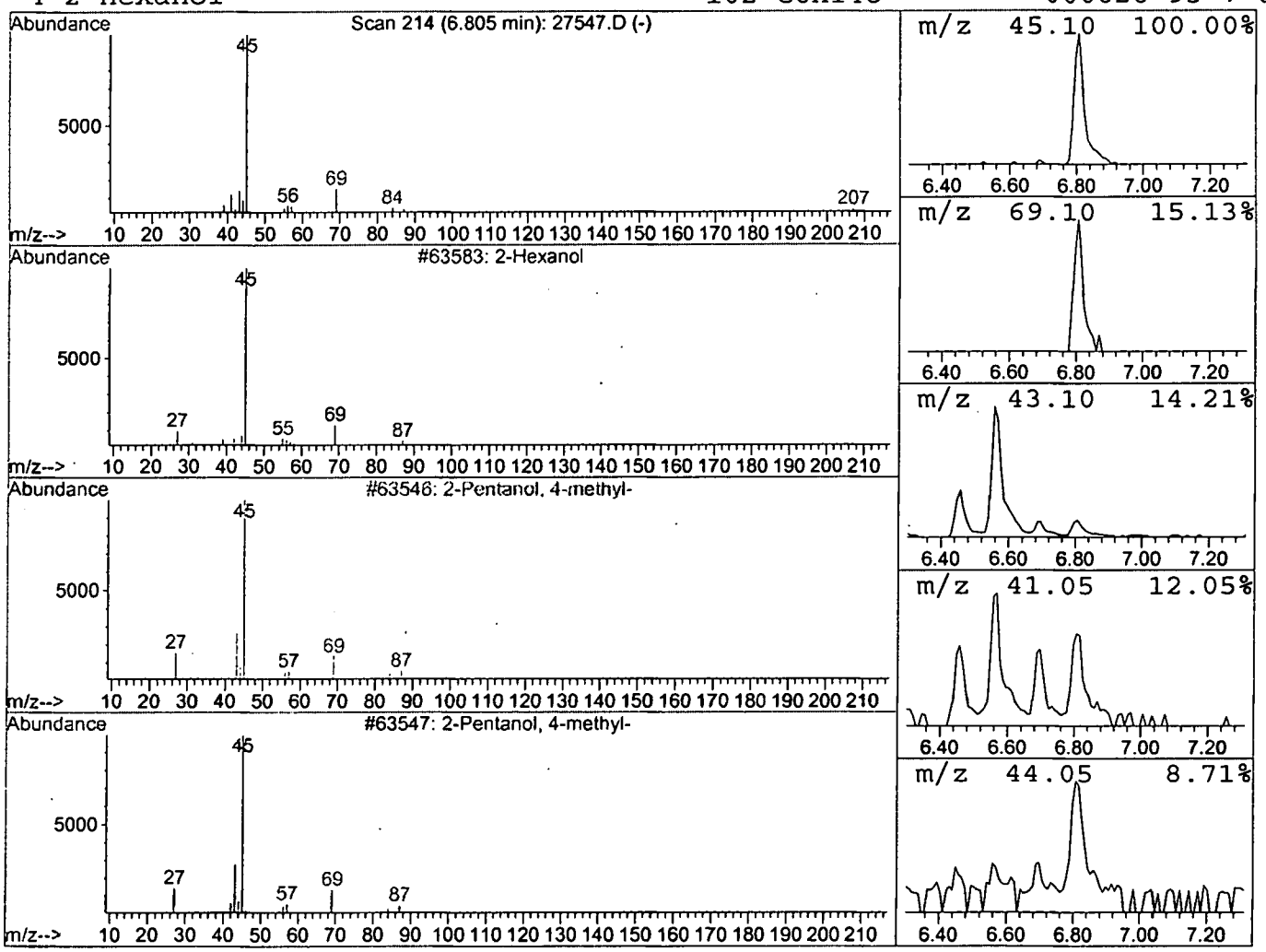
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	0.41 ng/uL	153054	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	74
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	64
4	2-Hexanol	102	C6H14O	000626-93-7	64



Library Search Compound Report

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Acq On : 13 Dec 2001 2:56 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

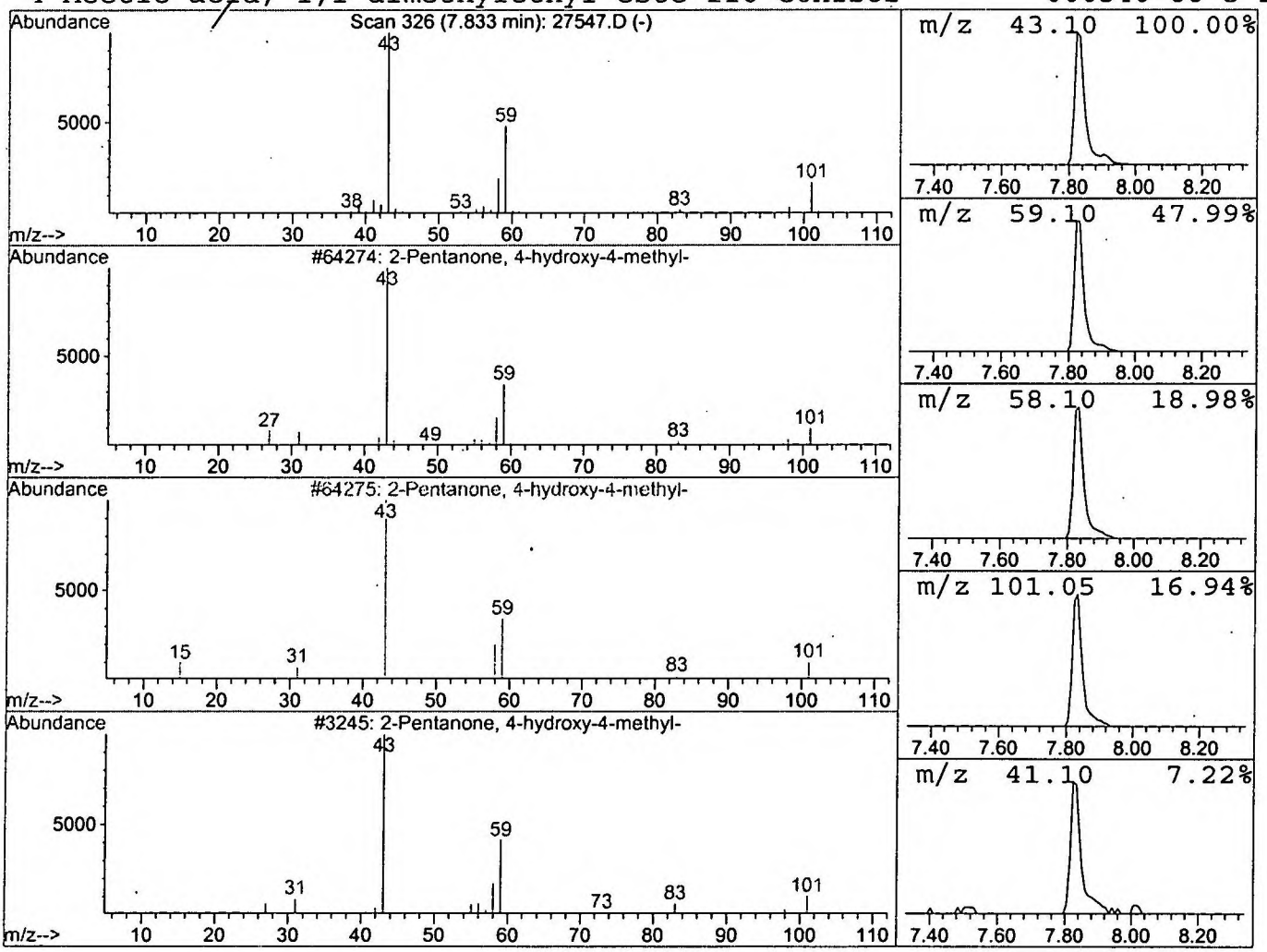
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.39 ng/uL	895130	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	83
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
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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Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

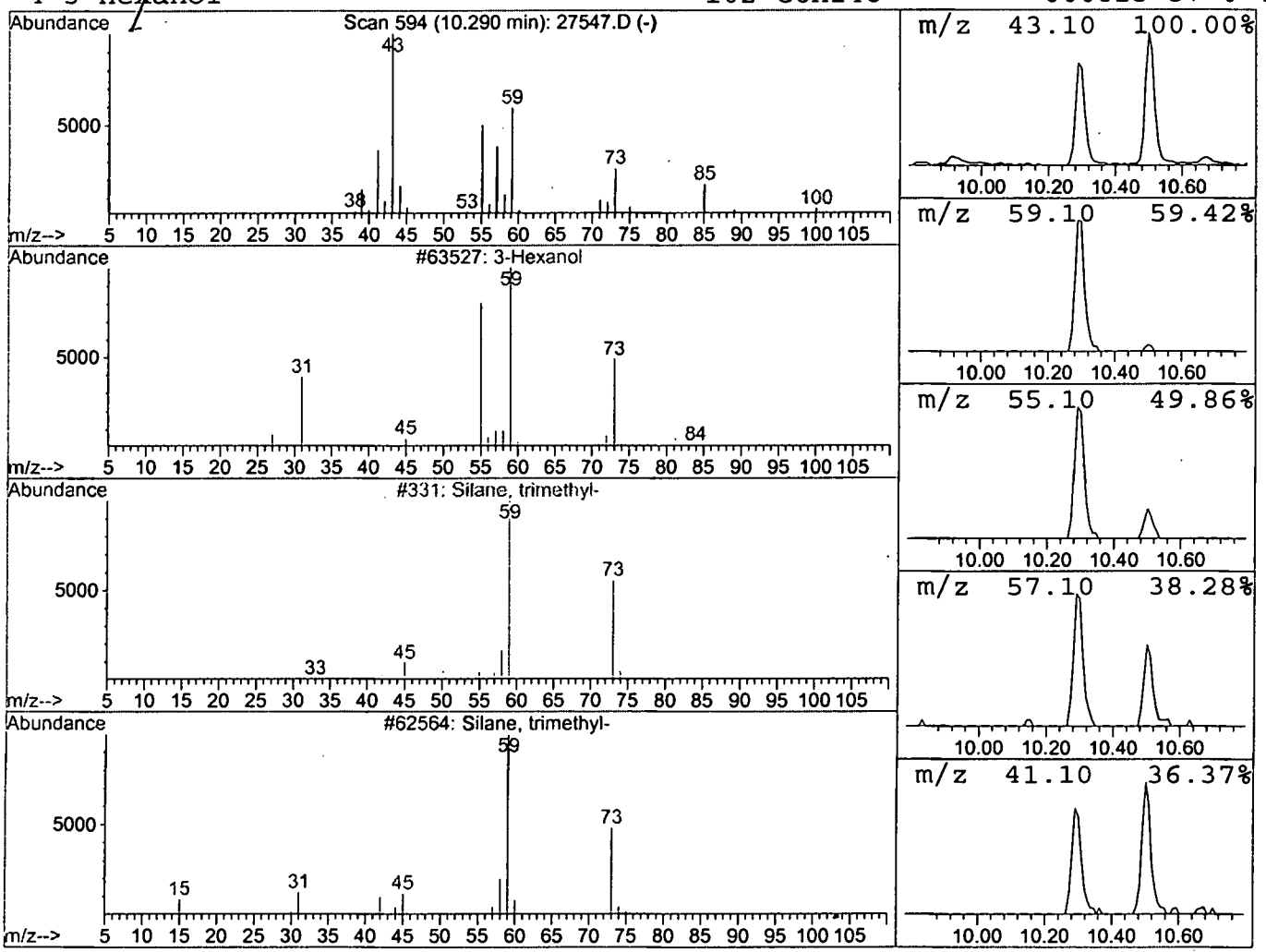
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	0.73 ng/uL	273188	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	53
2	Silane, trimethyl-	74	C3H10Si	000993-07-7	47
3	Silane, trimethyl-	74	C3H10Si	000993-07-7	47
4	3-Hexanol	102	C6H14O	000623-37-0	42



Library Search Compound Report

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Acq On : 13 Dec 2001 2:56 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

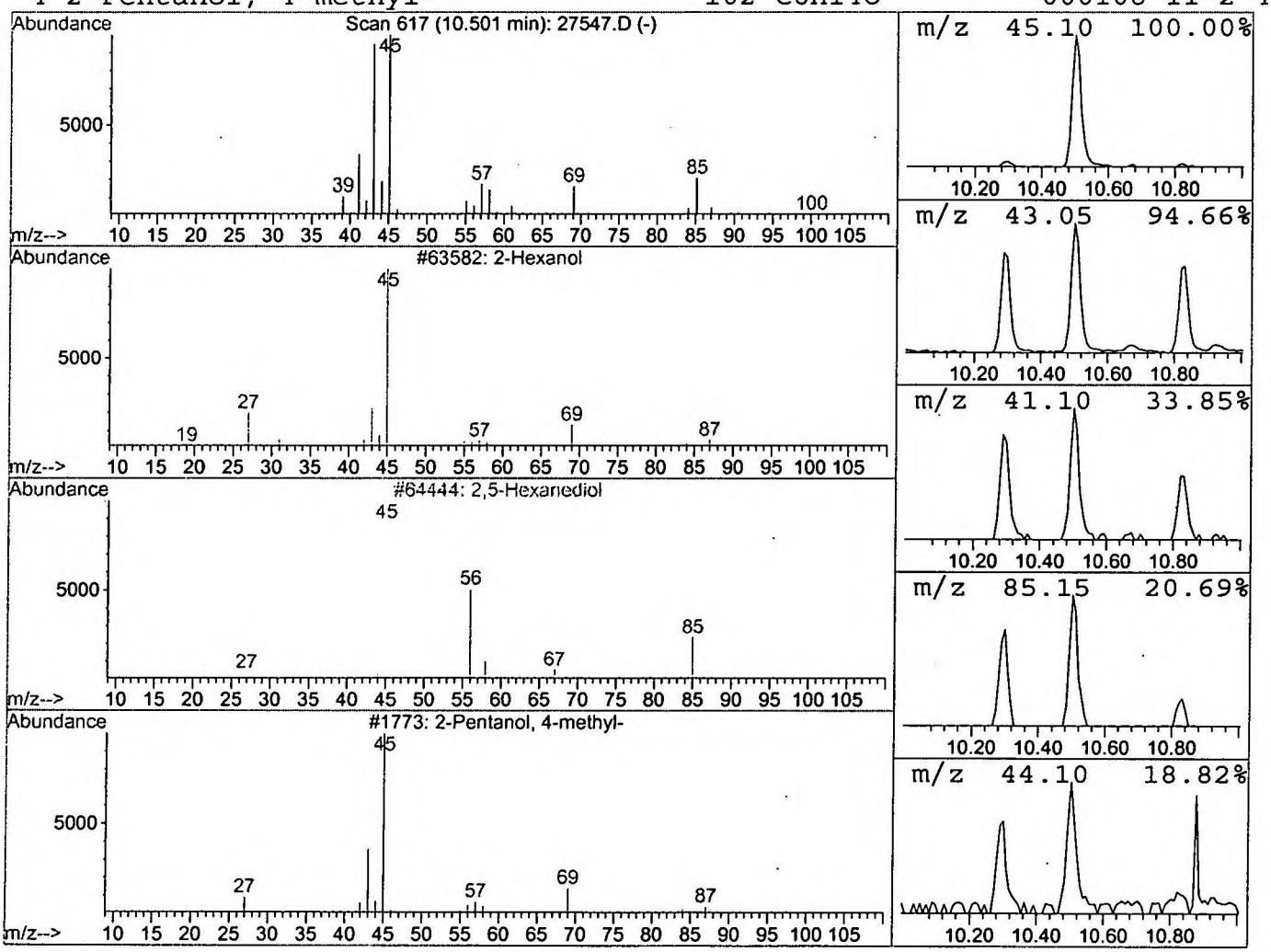
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 2-Hexanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	0.82 ng/uL	308078	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	59
2	2,5-Hexanediol	118	C6H14O2	002935-44-6	59
3	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	59
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27547.D
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Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 6
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

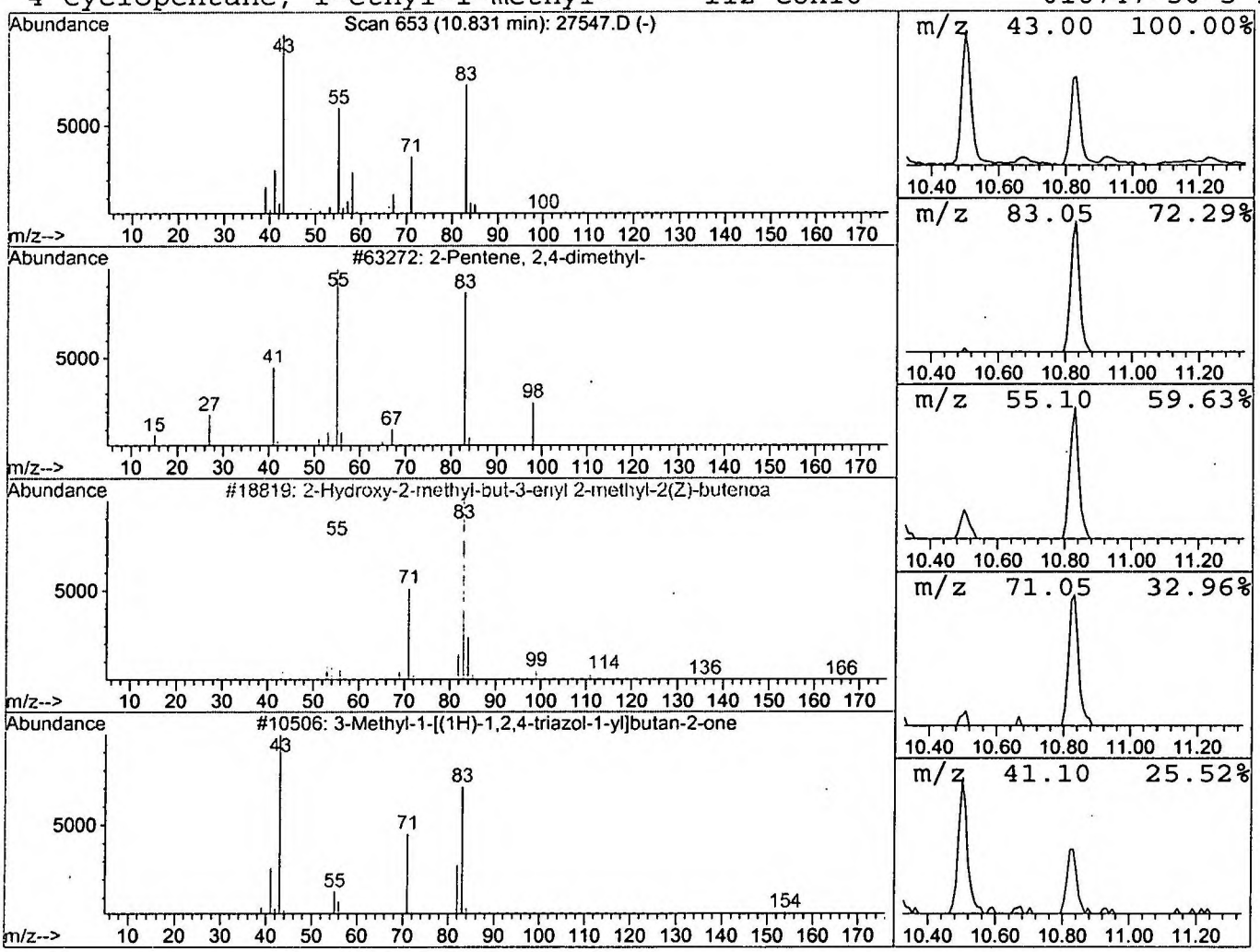
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 2-Pentene, 2,4-dimethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	0.56 ng/uL	210340	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	25
2	2-Hydroxy-2-methyl-but-3-enyl 2-met	184	C10H16O3	080758-67-4	25
3	3-Methyl-1-[(1H)-1,2,4-triazol-1-yl	153	C7H11N3O	064922-02-7	23
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	17



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 13 Dec 2001 2:56 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\27547.D
Name: gcms unknown 11/15
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	170558	ISTD01	11.87	7489180	20.0
2-Hexanone	6.56	0.5	ng/uL	170303	ISTD01	11.87	7489180	20.0
2-Hexanol	6.81	0.4	ng/uL	153054	ISTD01	11.87	7489180	20.0
2-Pentanone, 4-hydro	7.83	2.4	ng/uL	895130	ISTD01	11.87	7489180	20.0
3-Hexanol	10.29	0.7	ng/uL	273188	ISTD01	11.87	7489180	20.0
2-Hexanol	10.50	0.8	ng/uL	308078	ISTD01	11.87	7489180	20.0
2-Pentene, 2,4-dimet	10.83	0.6	ng/uL	210340	ISTD01	11.87	7489180	20.0

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