User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 11:42:59

Sample: AD27549
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 11:42 Ended: 12/18/01 11:42 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 AD27549 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-18-2001 Time: 11:43:05

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\27549.D Vial: 8
Acq On : 13 Dec 2001 4:45 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 9:09 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	1054635	20.00	ng/uL	-0.08
19) Naphthalene-d8	15.47	136	4240691	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.75	164	1811135	20.00	ng/uL	-0.08
49) Phenanthrene-d10	25.15	188	2746081	20.00	ng/uL	-0.09
59) Chrysene-d12	33.15	240	1802326	20.00	ng/uL	-0.09
68) Perylene-d12	37.23	264	1236942	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	674	0.01	ng/uL	0.45
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.05	152	1586	0.04	ng/uL	-0.41
Spiked Amount 50.000	Range 26 - 73		Recovery =	0.08%#		
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	1969	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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1301\27549.D Vial: 8
Acq On : 13 Dec 2001 4:45 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 9:09 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

	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	8575	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\27549.D Vial: 8
Acq On : 13 Dec 2001 4:45 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 9:09 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

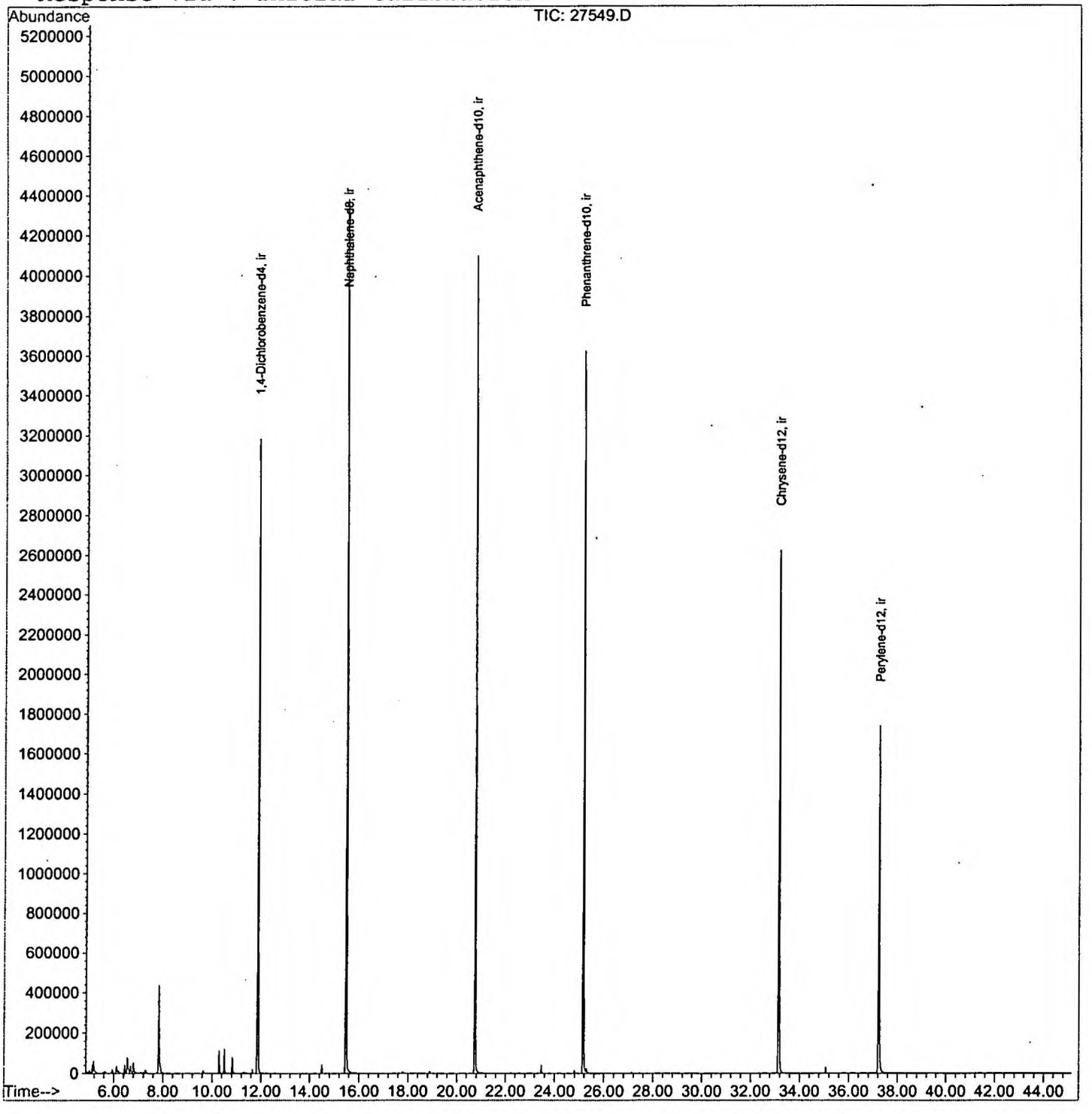
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
61) Benzidine	0.00	184	0	N.D.	
63) Pyrene	0.00	202	0	N.D.	
64) Butylbenzylphthalate	0.00	149	0	N.D.	
65) Benzo(a)anthracene	33.15	228	3899	N.D.	
66) Bis(2-ethylhexyl)phthalate	0.00	149	0	N.D.	
67) Chrysene	33.15	228	3899	N.D.	
69) Di-n-Octylphthalate	0.00	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	37.23	252	4525	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\27549.D Vial: 8
Acq On : 13 Dec 2001 4:45 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 9:09 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\27549.D Vial: 8
Acq On : 13 Dec 2001 4:45 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

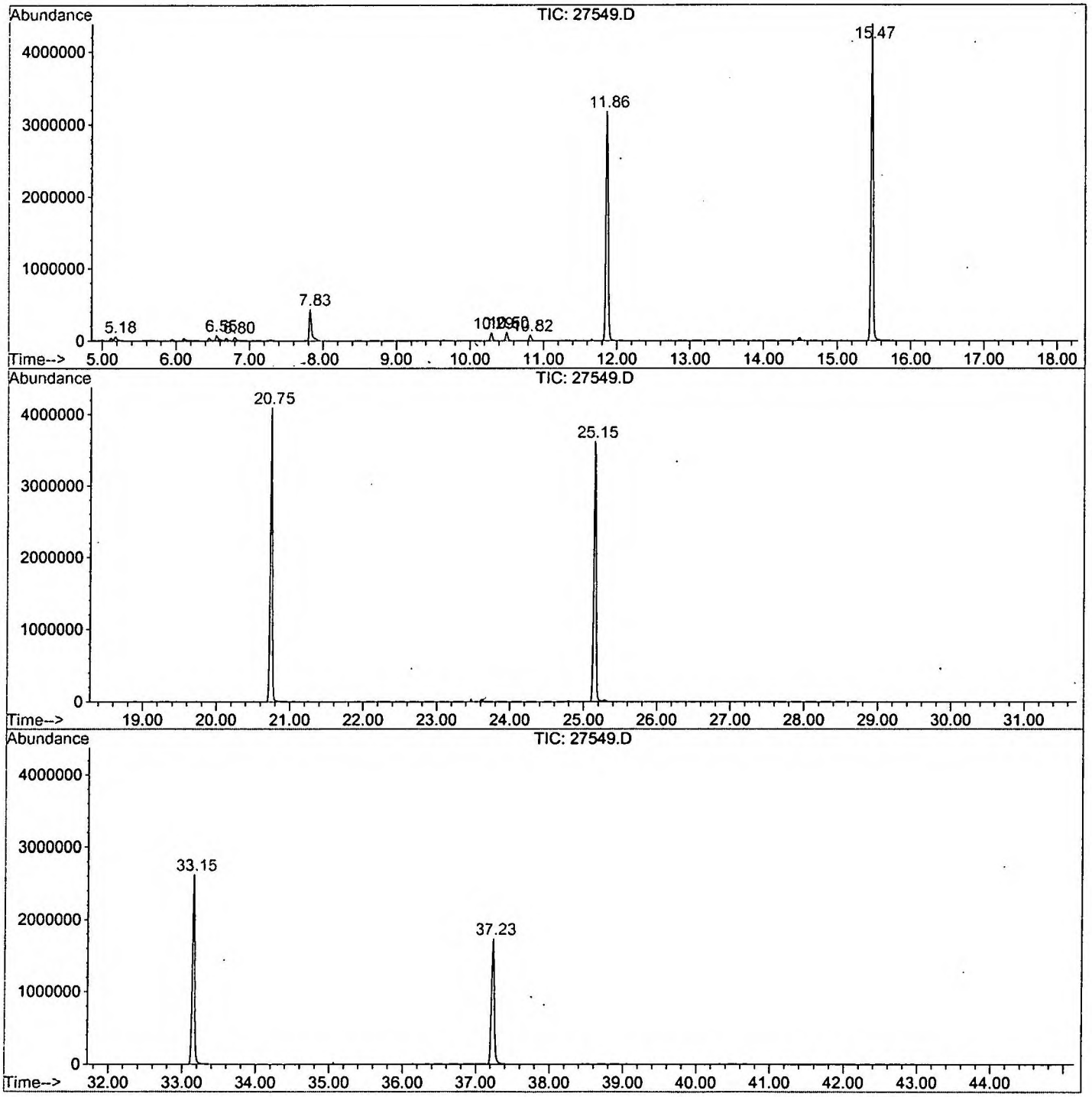
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.185	34	37	52	rVB	60234	162541	1.91%	0.375%
2	6.551	183	186	189	rBV	74526	136028	1.60%	0.314%
3	6.799	210	213	218	rBV	51636	103907	1.22%	0.240%
4	7.826	321	325	342	rVB	434472	967403	11.37%	2.234%
5	10.292	590	594	603	rVB	113234	216654	2.55%	0.500%
6	10.503	613	617	625	rBV	121743	230792	2.71%	0.533%
7	10.824	648	652	658	rBV	80043	158801	1.87%	0.367%
8	11.860	760	765	784	rVB	3182545	6564564	77.19%	15.157%
9	15.473	1153	1159	1176	rBV	4378729	8504717	100.00%	19.636%
10	20.746	1728	1734	1748	rBV	4098447	8163728	95.99%	18.849%
11	25.148	2208	2214	2226	rBV2	3621849	7696751	90.50%	17.771%
12	33.153	3080	3087	3112	rBV2	2621136	5800290	68.20%	13.392%
13	37.234	3524	3532	3553	rBV2	1732871	4605435	54.15%	10.633%

Sum of corrected areas: 43311611

27549.D NP112701.M Fri Dec 14 12:56:36 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27549.D
Operator : GALOS
Acquired : 13 Dec 2001 4:45 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/15
Misc Info :
Vial Number: 8
Quant File :NP112701.RES (RTE Integrator)



27549.D NP112701.M Fri Dec 14 12:56:39 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27549.D
Acq On : 13 Dec 2001 4:45 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

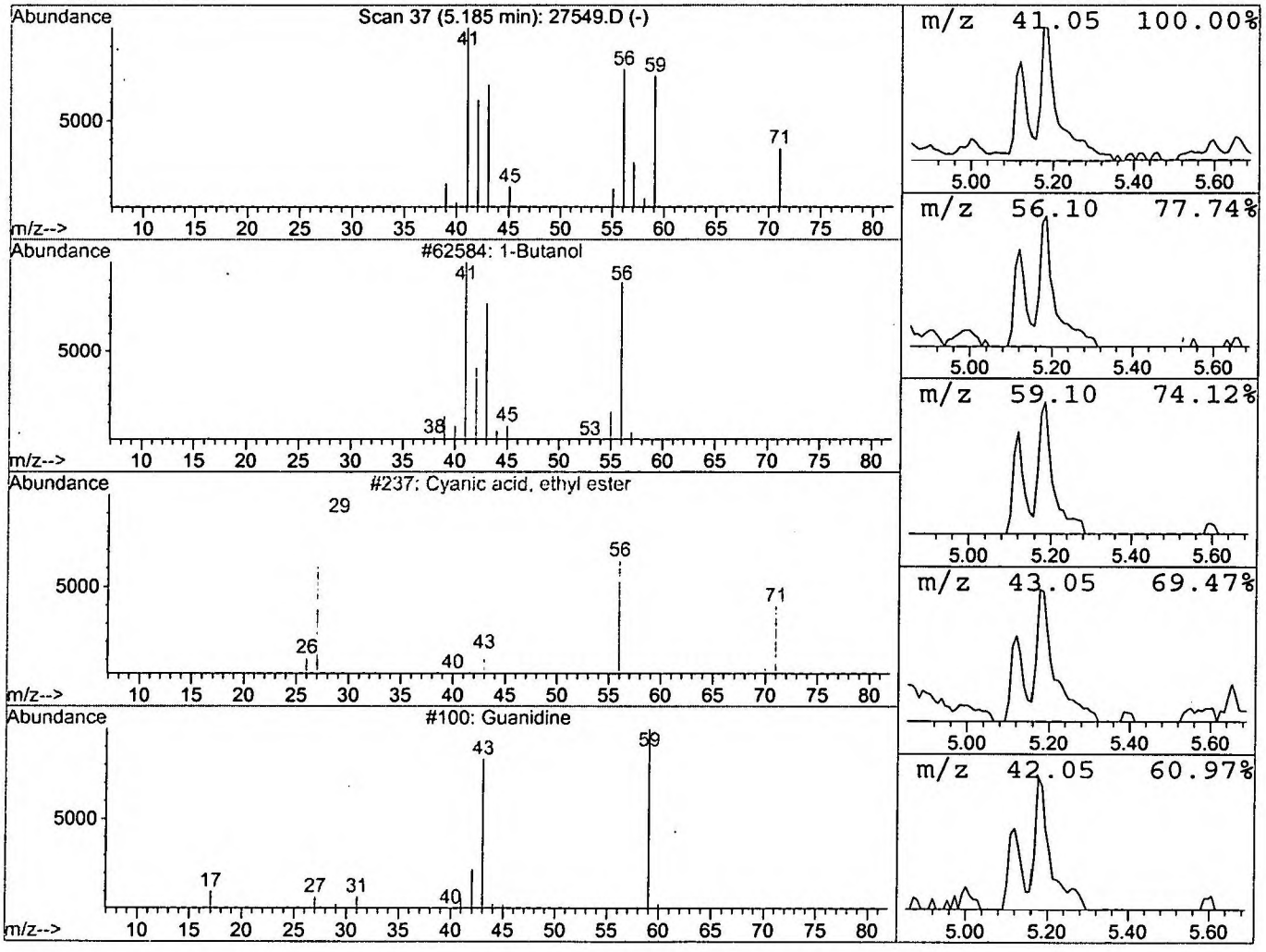
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	0.50 ng/uL	162541	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	32
2	Cyanic acid, ethyl ester	71	C3H5NO	000627-48-5	5
3	Guanidine	59	CH5N3	000113-00-8	5
4	Isobutane	58	C4H10	000075-28-5	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27549.D
Acq On : 13 Dec 2001 4:45 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

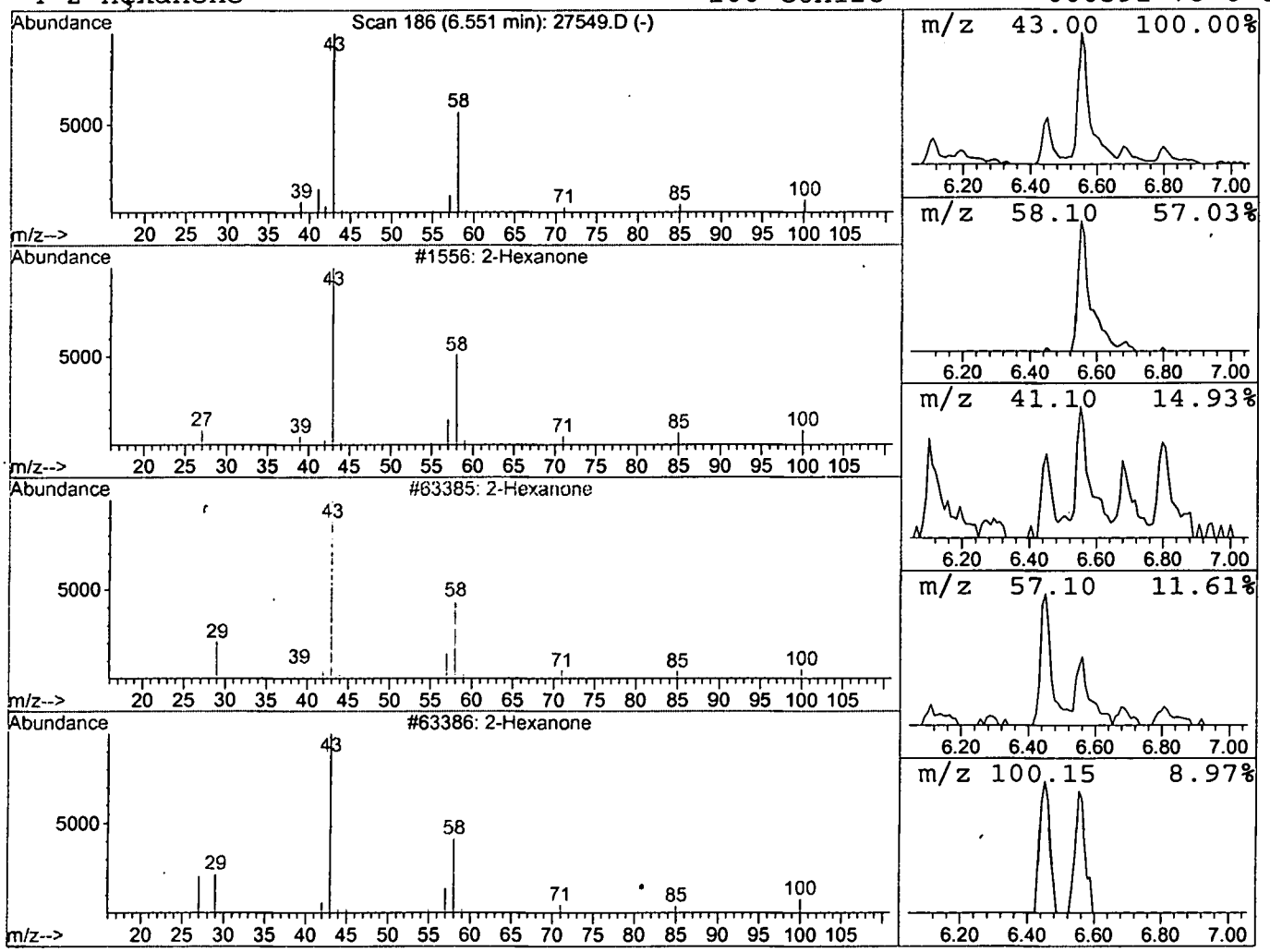
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.55	0.41 ng/uL	136028	1,4-Dichlorobenzene-d4	11.86

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	86
3	2-Hexanone	100	C6H12O	000591-78-6	78
4	2-Hexanone	100	C6H12O	000591-78-6	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27549.D
Acq On : 13 Dec 2001 4:45 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

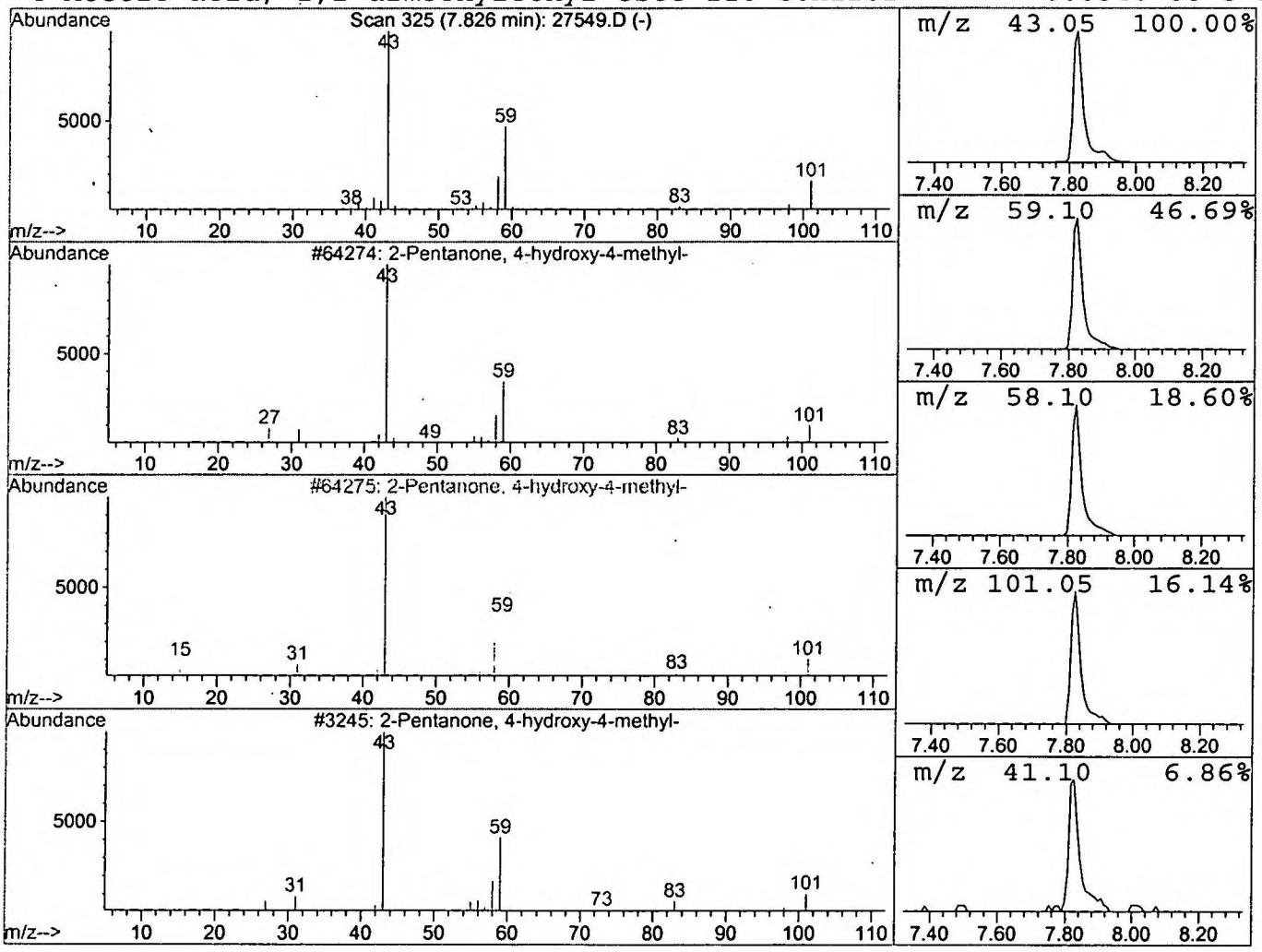
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	2.95 ng/uL	967403	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	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
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



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27549.D
Acq On : 13 Dec 2001 4:45 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

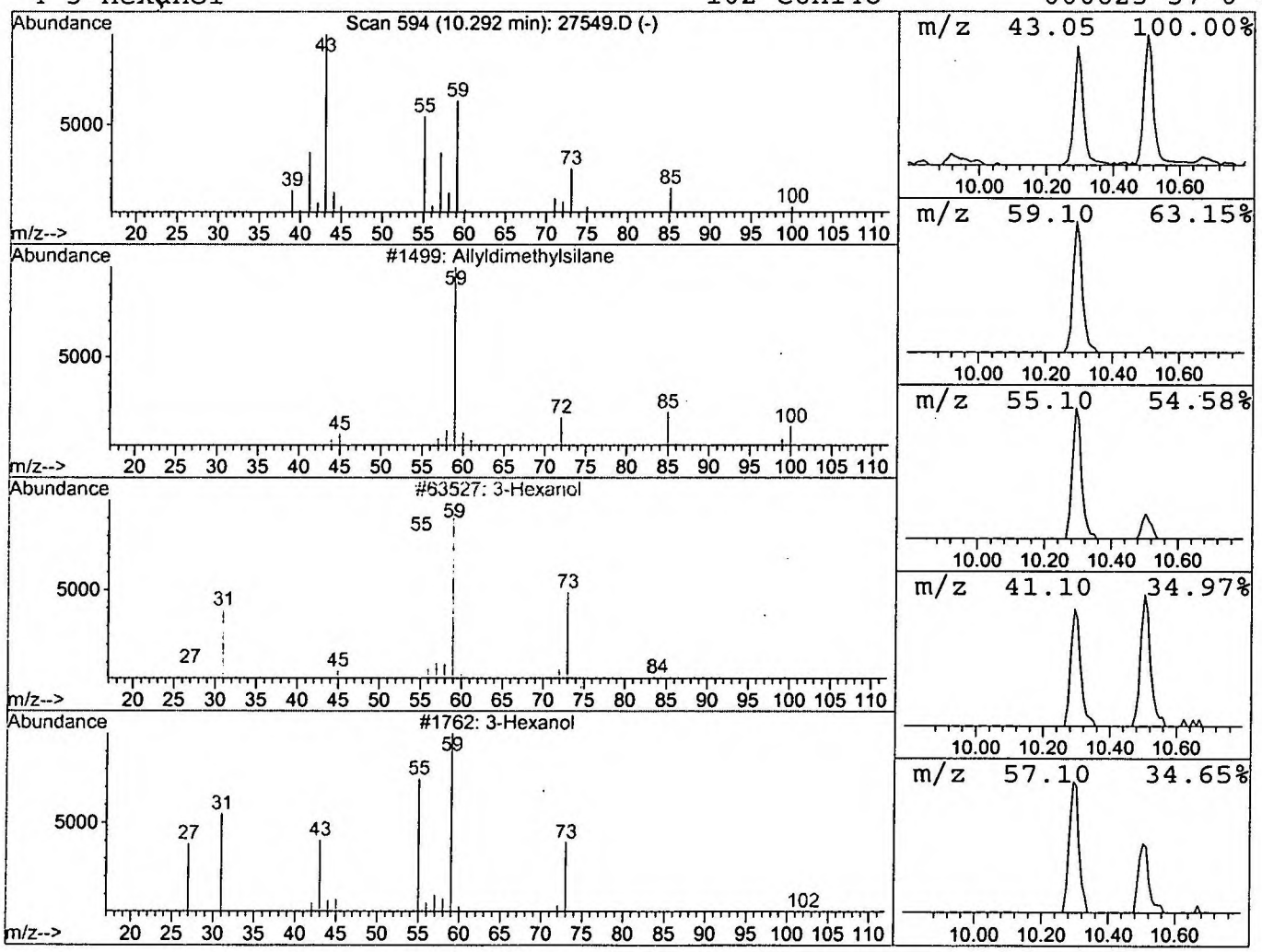
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Allyldimethylsilane Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	0.66 ng/uL	216654	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Allyldimethylsilane	100	C5H12Si	003937-30-2	43
2	3-Hexanol	102	C6H14O	000623-37-0	42
3	3-Hexanol	102	C6H14O	000623-37-0	42
4	3-Hexanol	102	C6H14O	000623-37-0	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27549.D
Acq On : 13 Dec 2001 4:45 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 8
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

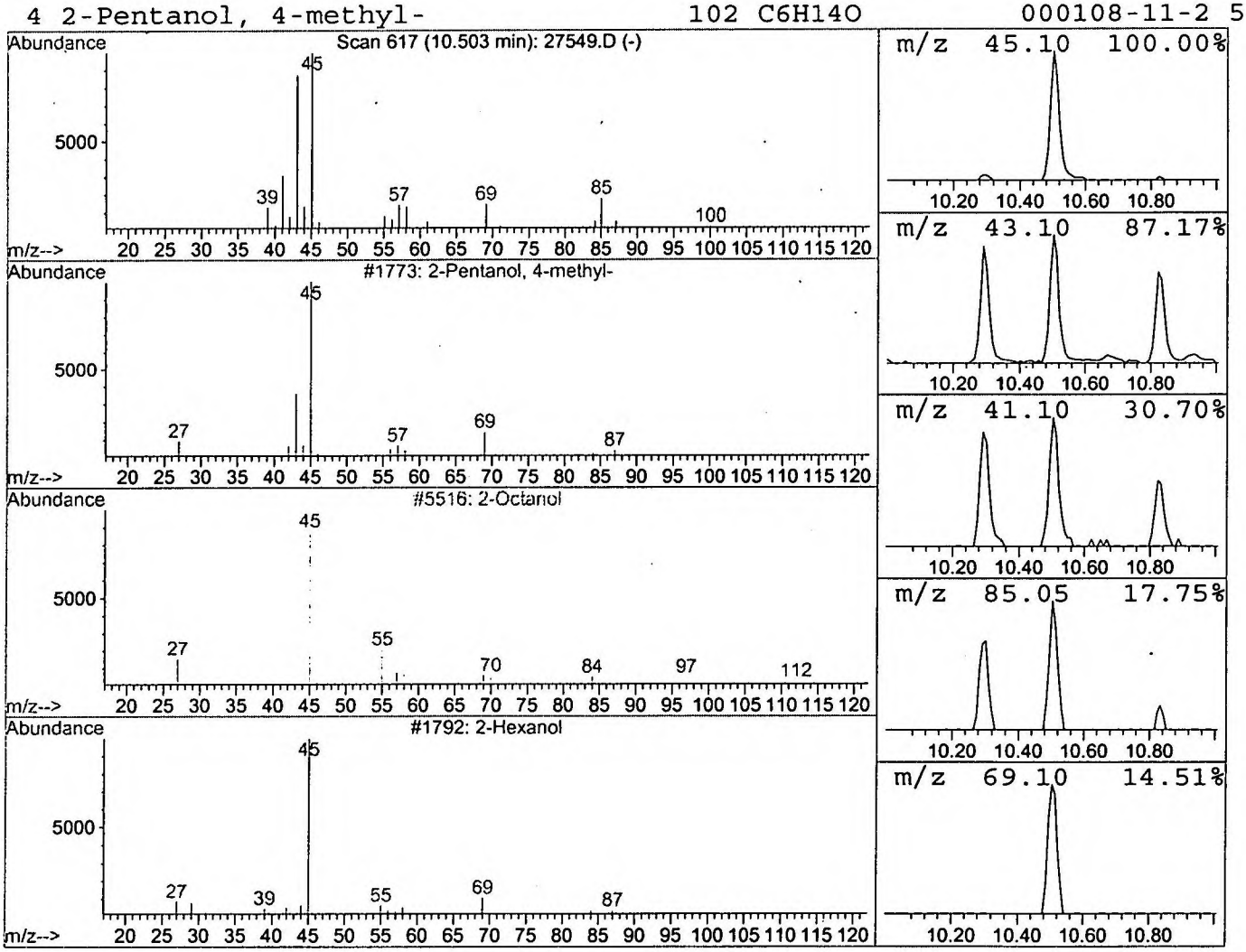
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	0.70 ng/uL	230792	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	72
2	2-Octanol	130	C8H18O	000123-96-6	64
3	2-Hexanol	102	C6H14O	000626-93-7	64
4	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27549.D Vial: 8
Acq On : 13 Dec 2001 4:45 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

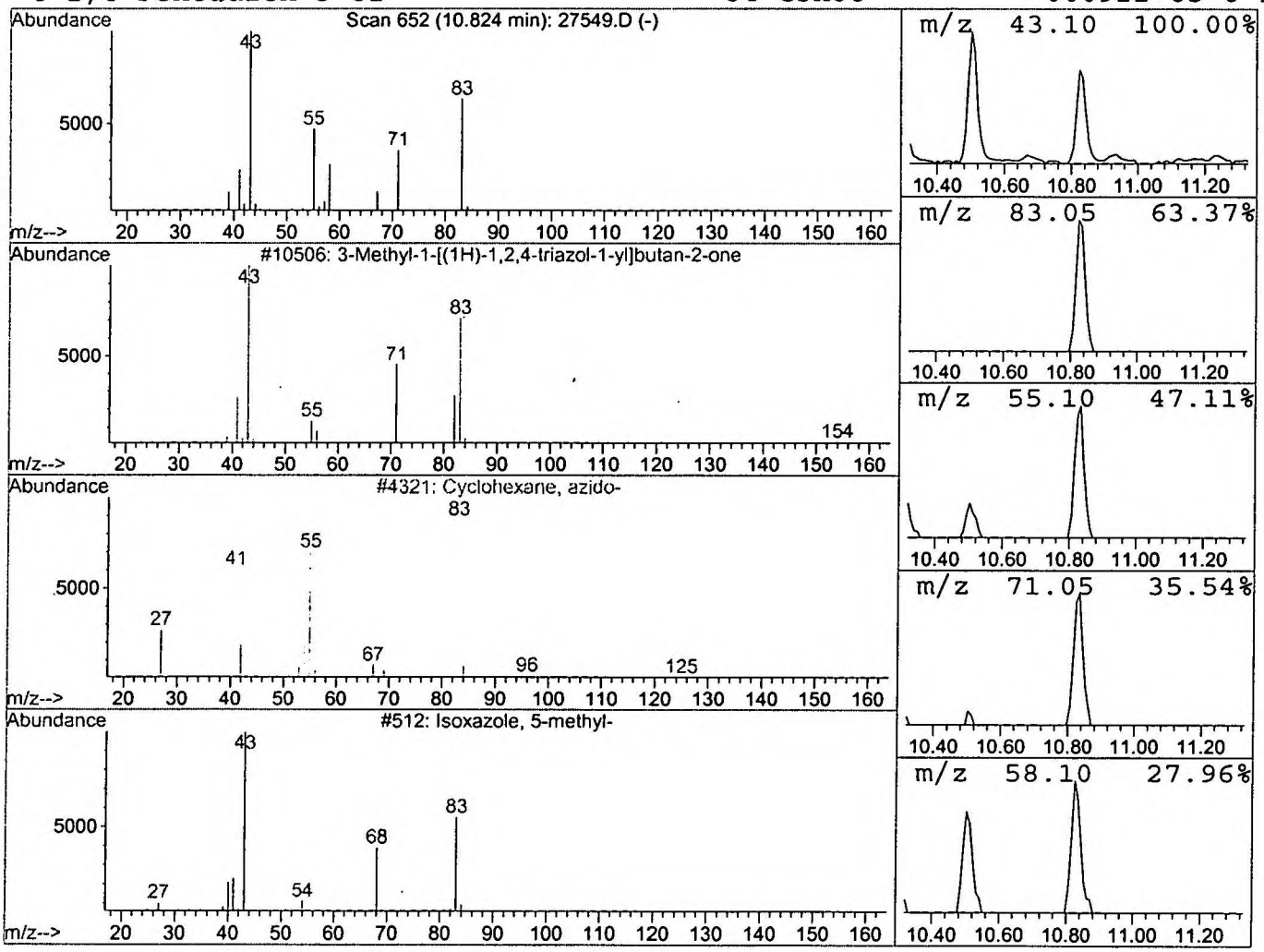
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 6 3-Methyl-1-[(1H)-1,2,4-triazol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.82	0.48 ng/uL	158801	1,4-Dichlorobenzene-d4	11.86

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	12
3	Isoxazole, 5-methyl-	83	C4H5NO	005765-44-6	9
4	1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 13 Dec 2001 4:45 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\27549.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	5.18	0.5	ng/uL	162541	ISTD01	11.86	6564560	20.0
2-Hexanone	6.55	0.4	ng/uL	136028	ISTD01	11.86	6564560	20.0
2-Pentanone, 4-hydro	7.83	2.9	ng/uL	967403	ISTD01	11.86	6564560	20.0
Allyldimethylsilane	10.29	0.7	ng/uL	216654	ISTD01	11.86	6564560	20.0
2-Pentanol, 4-methyl	10.50	0.7	ng/uL	230792	ISTD01	11.86	6564560	20.0
3-Methyl-1-[(1H)-1,2	10.82	0.5	ng/uL	158801	ISTD01	11.86	6564560	20.0

27549.D NP112701.M Fri Dec 14 12:56:52 2001