User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 12/18/2001 Time: 11:41:51

Sample: AD27550
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 12/18/01 11:41 Ended: 12/18/01 11:41 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 AD27550 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 12-18-2001 Time: 11:41:57

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\27550.D Vial: 9
Acq On : 13 Dec 2001 5:39 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	1314788	20.00	ng/uL	-0.07
19) Naphthalene-d8	15.47	136	5320393	20.00	ng/uL	-0.08
31) Acenaphthene-d10	20.74	164	2265815	20.00	ng/uL	-0.08
49) Phenanthrene-d10	25.15	188	3420519m	20.00	ng/uL	-0.09
59) Chrysene-d12	33.16	240	2280556	20.00	ng/uL	-0.09
68) Perylene-d12	37.24	264	1545518	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	11.86	132	1116	0.01	ng/uL	0.43
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.08	152	723	0.01	ng/uL	-0.38
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	18.89	172	2587	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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	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	22.23	149	1591	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.	d	
56)	Anthracene	0.00	178	0	N.D.	d	
57)	Di-n-butylphthalate	0.00	149	0	N.D.	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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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	5234	N.D.	
66)	Bis(2-ethylhexyl)phthalate	33.41	149	313	N.D.	
67)	Chrysene	33.15	228	5234	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	5708	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.	

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Quantitation Report

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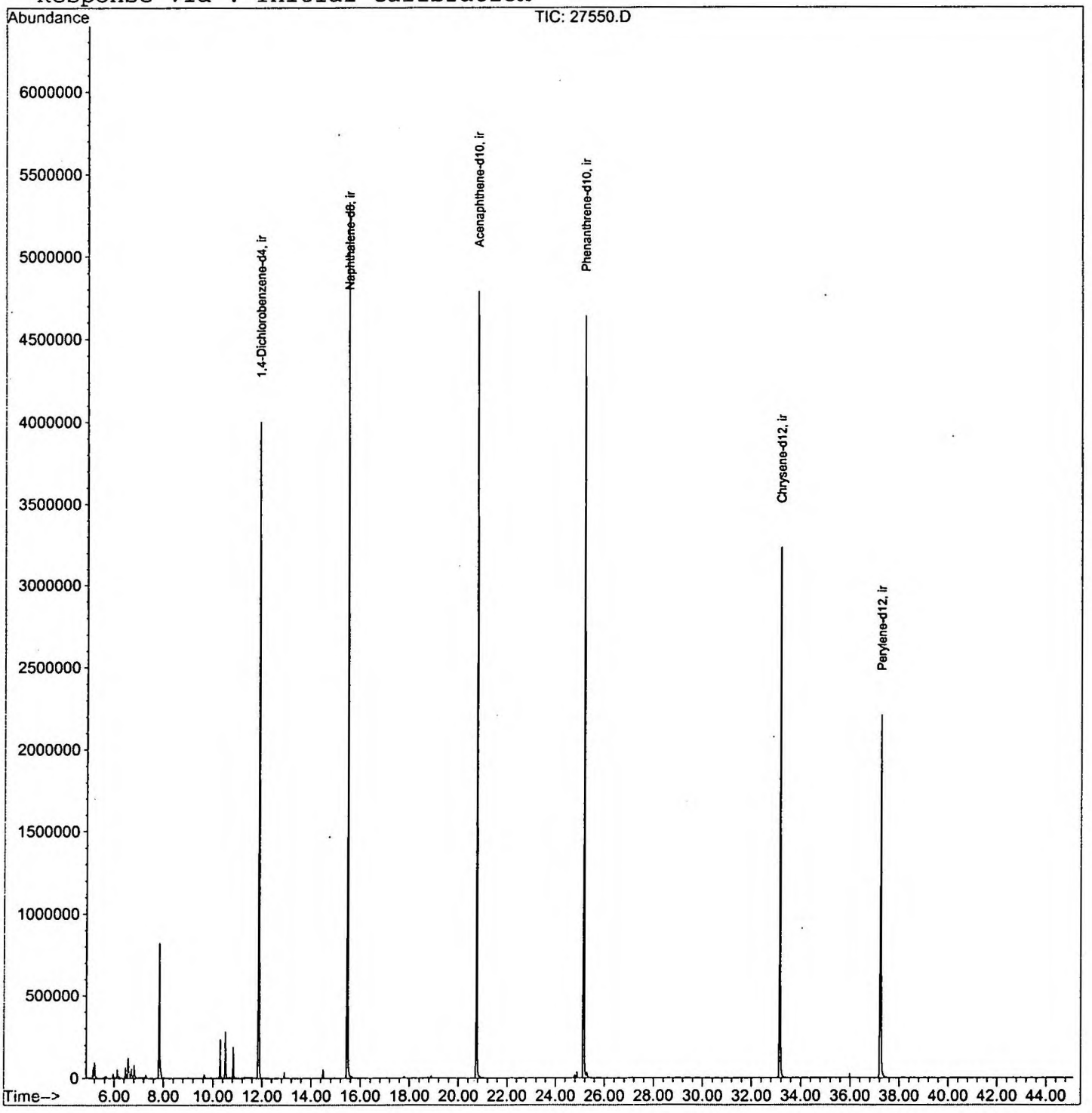
Acq On : 13 Dec 2001 5:39 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 14 9:09 2001 Quant Results File: NP112701.RES

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\27550.D Vial: 9
Acq On : 13 Dec 2001 5:39 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

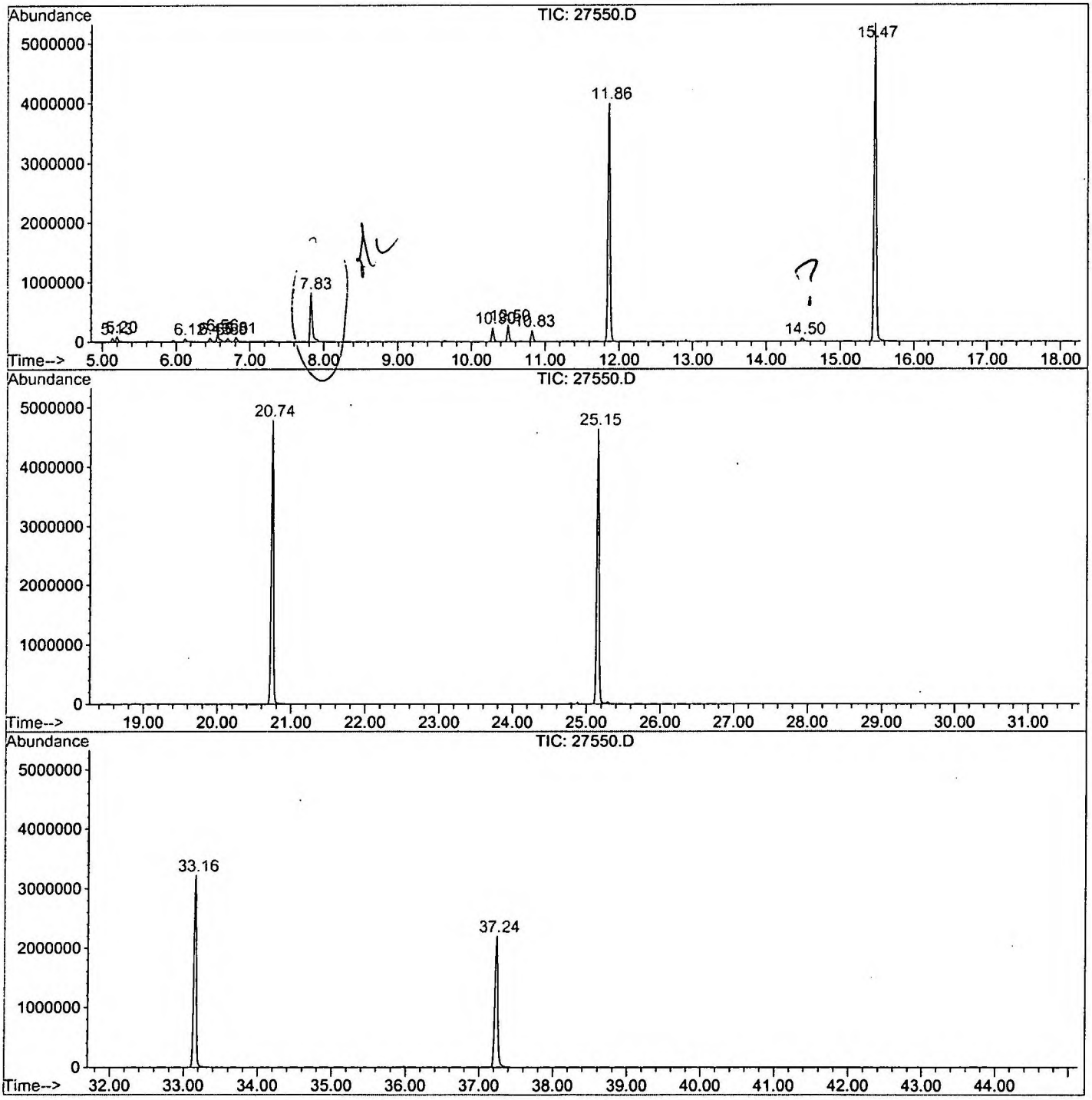
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	5.133	29	32	36	rBV	63872	108534	1.01%	0.193%
2	5.198	36	39	50	rVB	93902	189844	1.77%	0.338%
3	6.124	136	140	146	rBV	54771	119008	1.11%	0.212%
4	6.463	173	177	182	rBV	67253	133390	1.25%	0.238%
5	6.564	185	188	199	rVV2	123726	302815	2.83%	0.540%
6	6.692	199	202	211	rVB	57789	121232	1.13%	0.216%
7	6.812	211	215	225	rBV	78800	182023	1.70%	0.324%
8	7.829	322	326	341	rBV	822072	1716924	16.05%	3.059%
9	10.296	589	595	604	rBV	236828	461548	4.31%	0.822%
10	10.498	612	617	628	rBV	281504	527510	4.93%	0.940%
11	10.828	648	653	660	rBV	190238	355652	3.32%	0.634%
12	11.864	760	766	781	rVB	3998365	8148413	76.17%	14.519%
13	14.496	1048	1053	1058	rVB2	54096	109725	1.03%	0.196%
14	15.468	1153	1159	1176	rBV	5329057	10698038	100.00%	19.062%
15	20.741	1727	1734	1751	rBV	4789134	10159760	94.97%	18.103%
16	25.152	2208	2215	2226	rBV2	4637328	9618499	89.91%	17.138%
17	33.157	3080	3088	3111	rBV2	3230074	7371486	68.91%	13.135%
18	37.238	3524	3533	3556	rBV	2204626	5798620	54.20%	10.332%

Sum of corrected areas: 56123021

27550.D NP112701.M Fri Dec 14 12:57:15 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1301\27550.D
Operator : GALOS
Acquired : 13 Dec 2001 5:39 pm using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/15
Misc Info :
Vial Number: 9
Quant File :NP112701.RES (RTE Integrator)



27550.D NP112701.M Fri Dec 14 12:57:17 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27550.D
Acq On : 13 Dec 2001 5:39 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

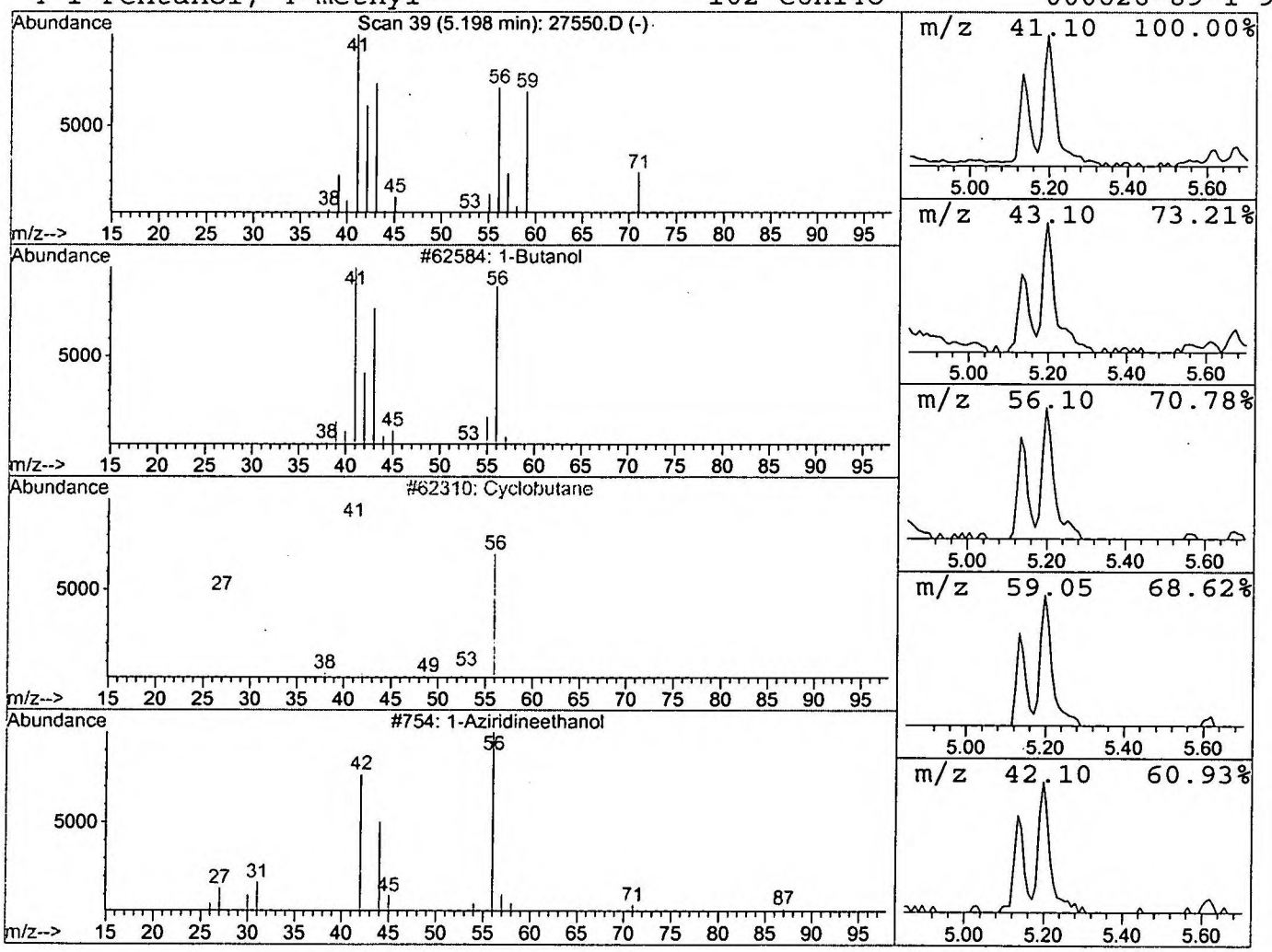
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanol Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	0.47 ng/uL	189844	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanol	74	C4H10O	000071-36-3	37
2	Cyclobutane	56	C4H8	000287-23-0	9
3	1-Aziridineethanol	87	C4H9NO	001072-52-2	9
4	1-Pentanol, 4-methyl-	102	C6H14O	000626-89-1	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1301\27550.D
Acq On : 13 Dec 2001 5:39 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

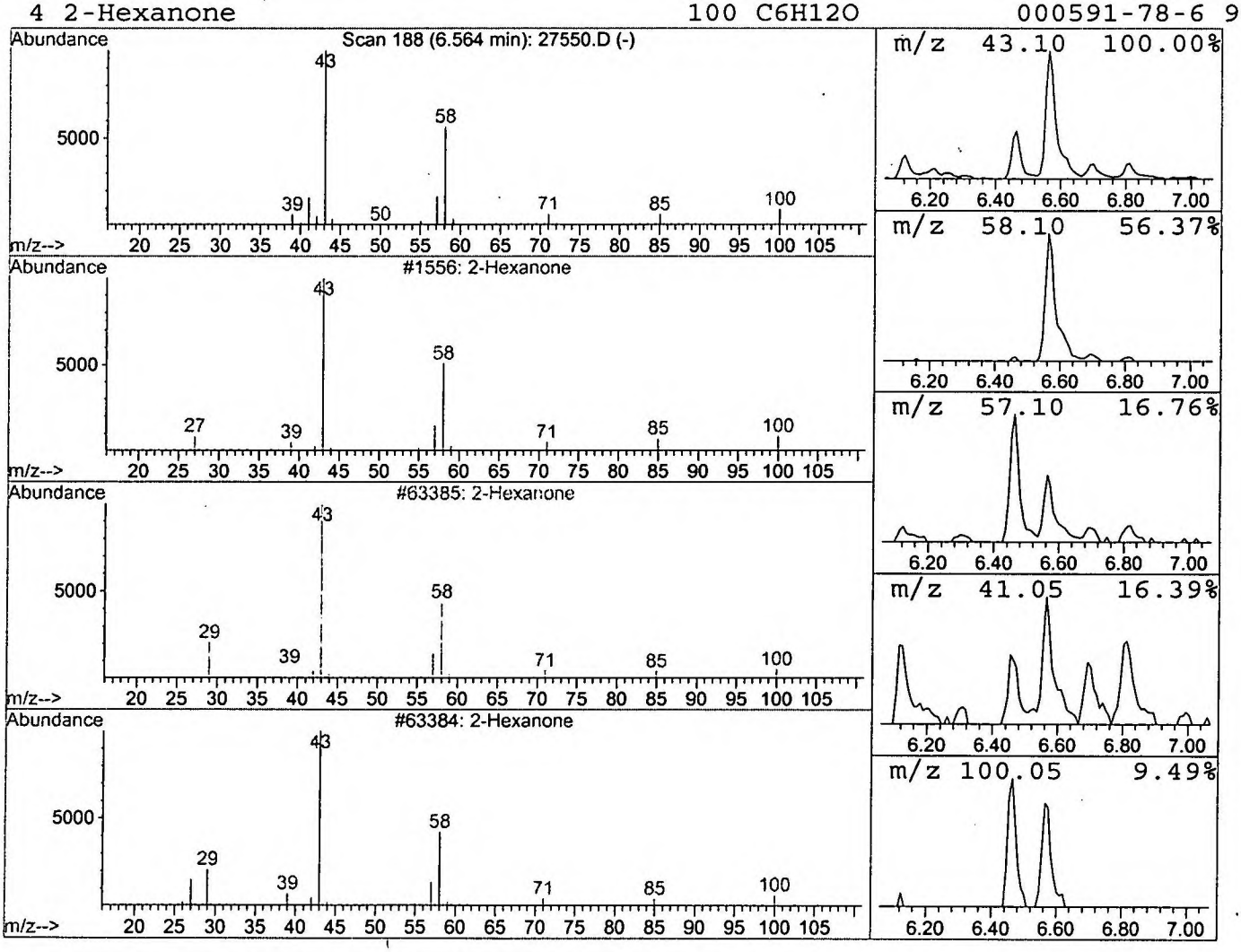
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	0.74 ng/uL	302815	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	90



Library Search Compound Report

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Acq On : 13 Dec 2001 5:39 pm
Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 9
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
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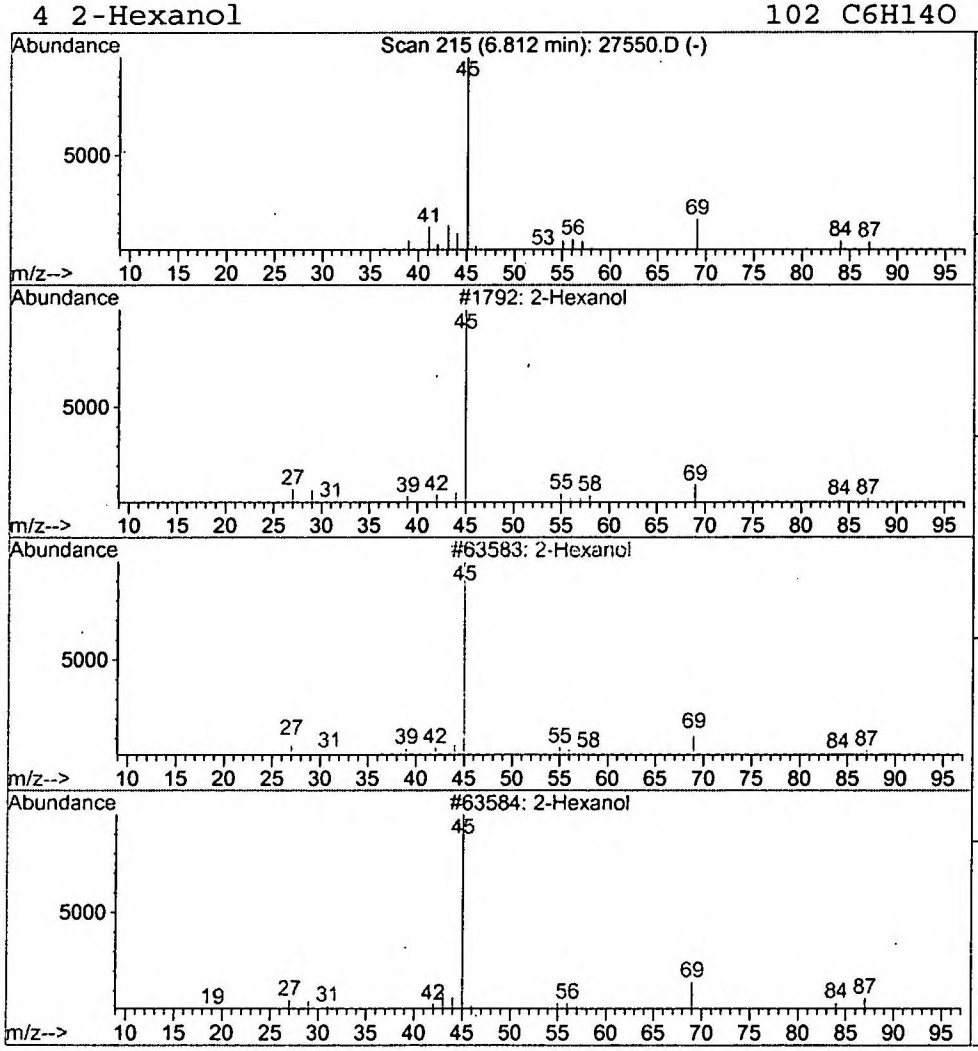
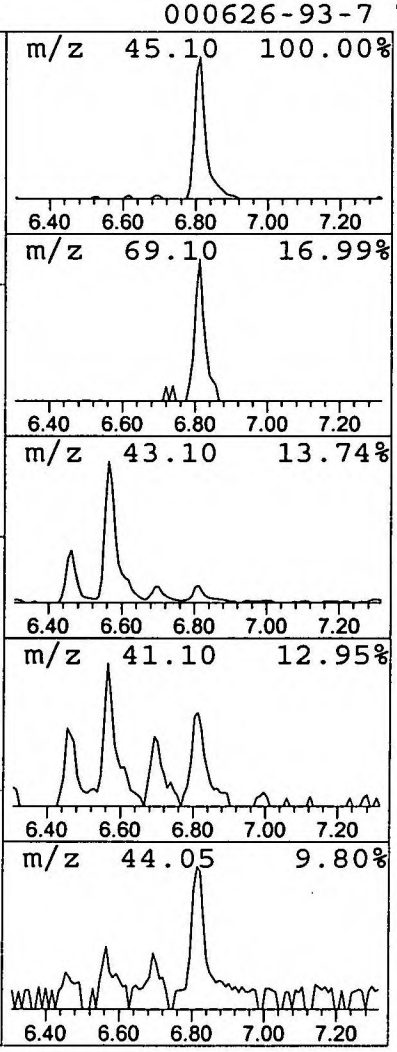
Peak Number 3 2-Hexanol Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.81	0.45 ng/uL	182023	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Hexanol	102	C6H14O	000626-93-7	83
3	2-Hexanol	102	C6H14O	000626-93-7	83
4	2-Hexanol	102	C6H14O	000626-93-7	74





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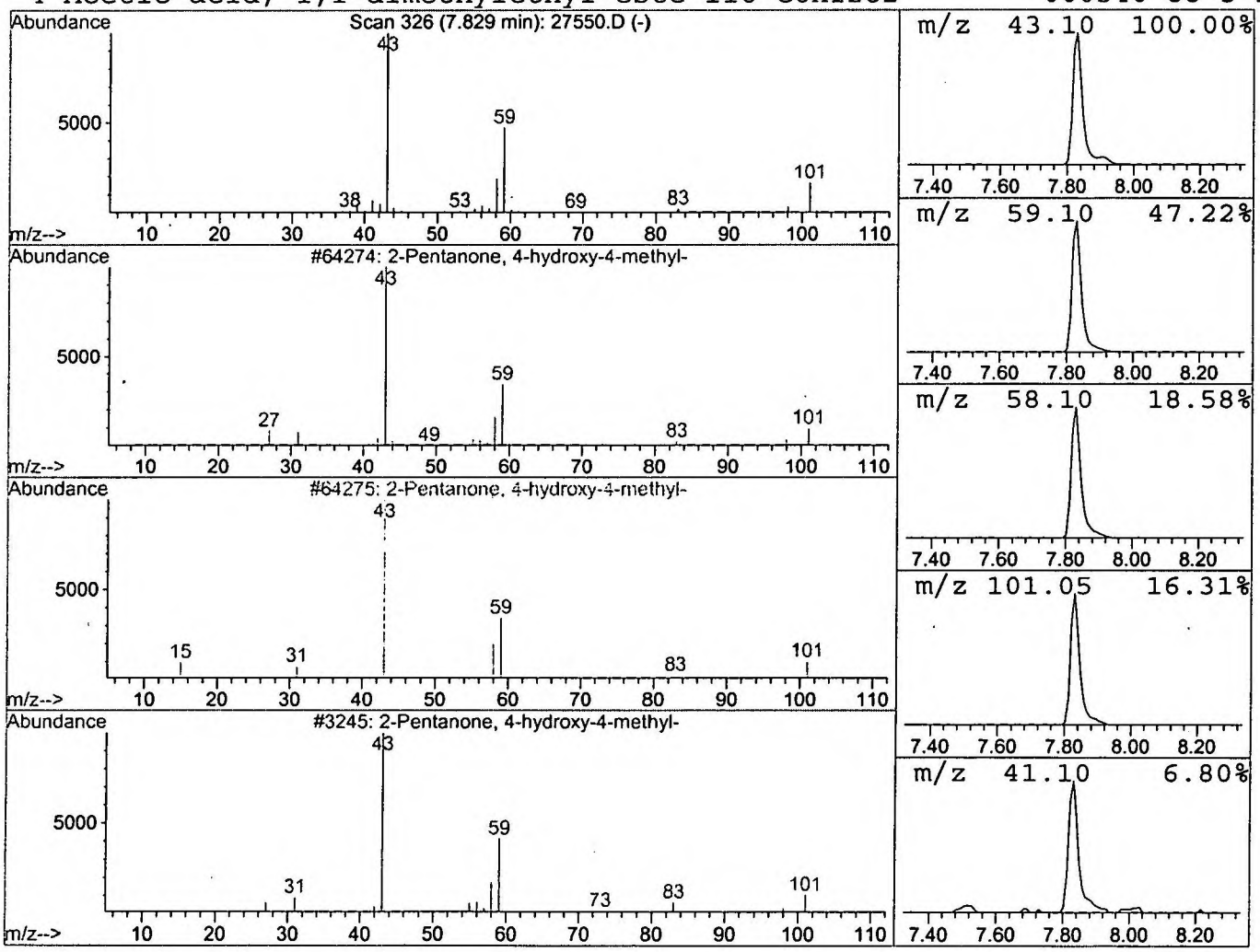
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.83	4.21 ng/uL	1716920	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	83
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



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Sample : gcms unknown 11/15
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: GALOS
Inst : GC/MS Ins
Multiplr: 1.00

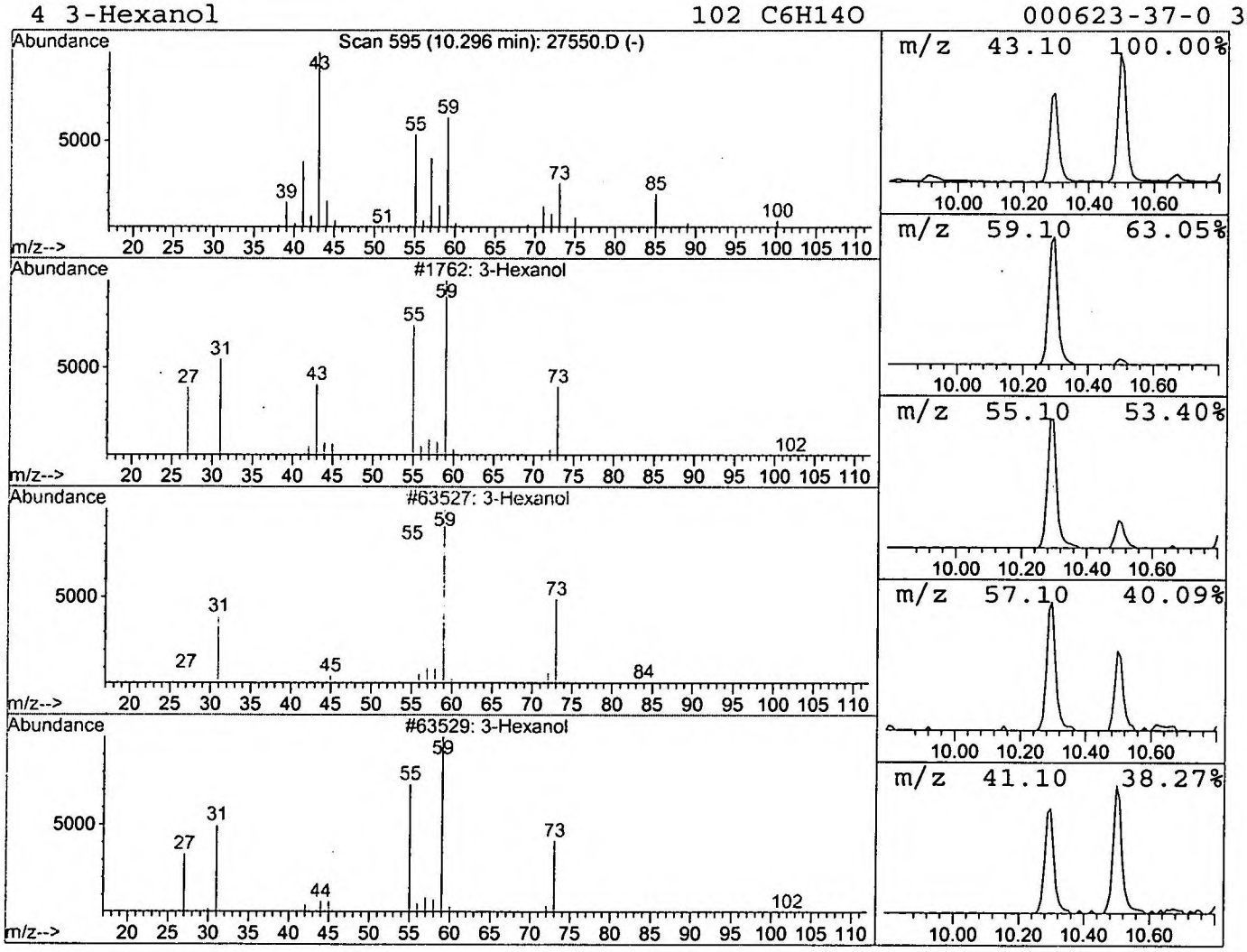
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 3-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	1.13 ng/uL	461548	1,4-Dichlorobenzene-d4	11.86

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	38
3	3-Hexanol	102	C6H14O	000623-37-0	38
4	3-Hexanol	102	C6H14O	000623-37-0	38



Library Search Compound Report

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Acq On : 13 Dec 2001 5:39 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

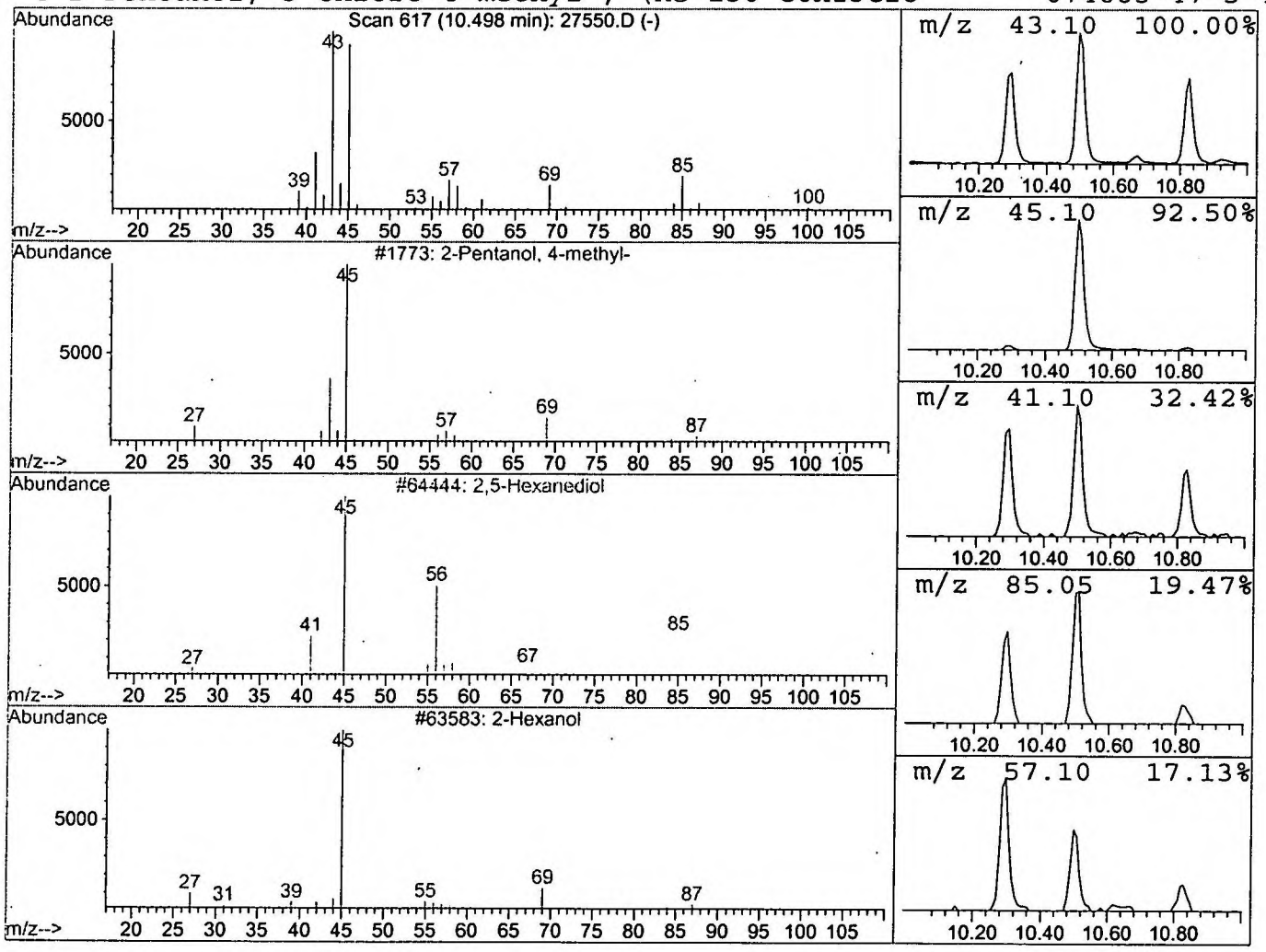
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.50	1.29 ng/uL	527510	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	59
2	2,5-Hexanediol	118	C6H14O2	002935-44-6	59
3	2-Hexanol	102	C6H14O	000626-93-7	53
4	2-Pentanol, 3-chloro-4-methyl-, (R@	136	C6H13ClO	074685-47-5	42



Library Search Compound Report

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Acq On : 13 Dec 2001 5:39 pm Operator: GALOS
Sample : gcms unknown 11/15 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

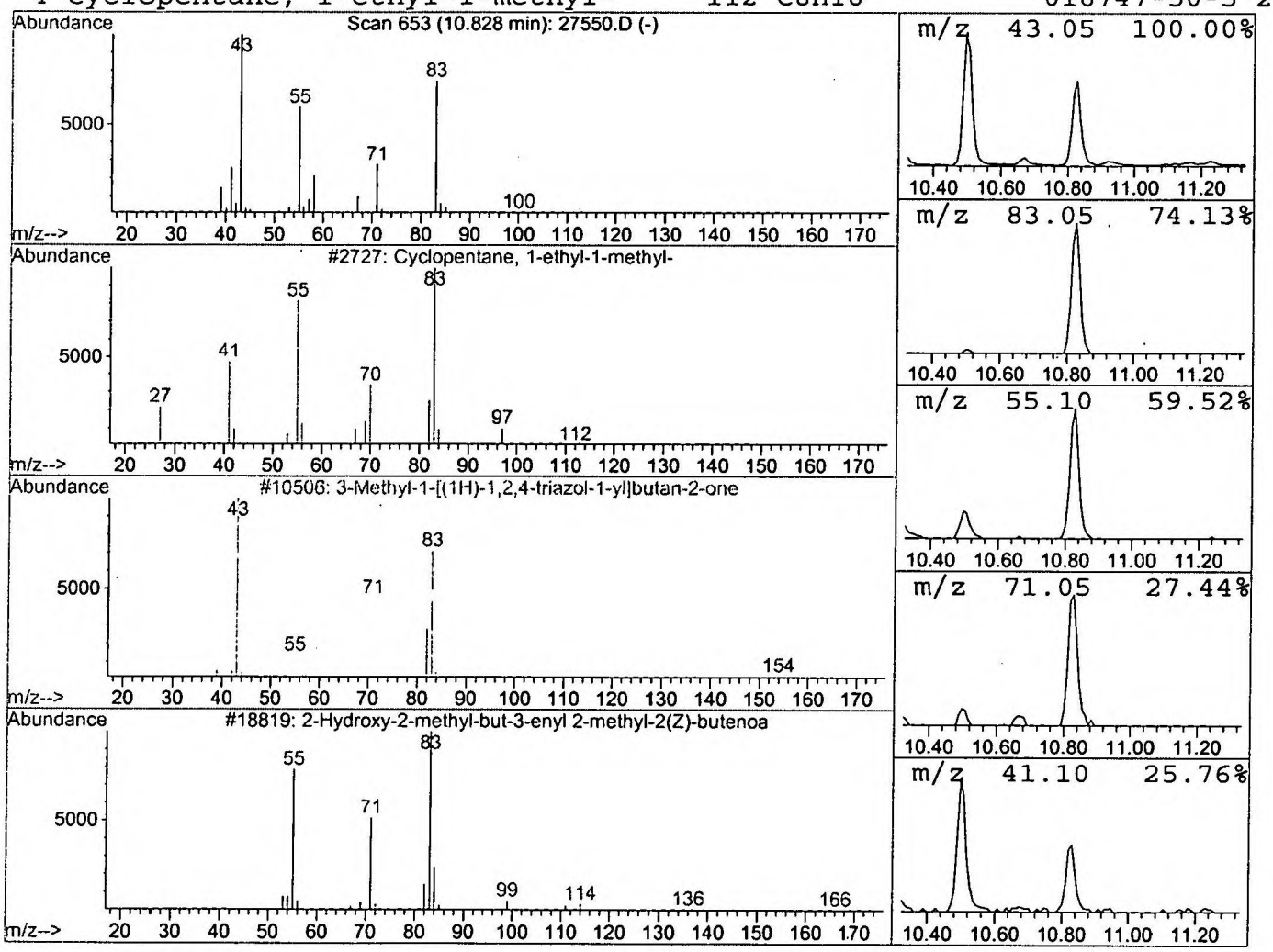
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 7 Cyclopentane, 1-ethyl-1-methyl Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.83	0.87 ng/uL	355652	1,4-Dichlorobenzene-d4	11.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	38
2	3-Methyl-1-[(1H)-1,2,4-triazol-1-yl	153	C7H11N3O	064922-02-7	38
3	2-Hydroxy-2-methyl-but-3-enyl 2-met	184	C10H16O3	080758-67-4	33
4	Cyclopentane, 1-ethyl-1-methyl-	112	C8H16	016747-50-5	28



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 13 Dec 2001 5:39 pm
Data File: C:\HPCHEM\1\DATA\DEC1301\27550.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	5.20	0.5	ng/uL	189844	ISTD01	11.86	8148410	20.0
2-Hexanone	6.56	0.7	ng/uL	302815	ISTD01	11.86	8148410	20.0
2-Hexanol	6.81	0.4	ng/uL	182023	ISTD01	11.86	8148410	20.0
2-Pentanone, 4-hydro	7.83	4.2	ng/uL	1716920	ISTD01	11.86	8148410	20.0
3-Hexanol	10.30	1.1	ng/uL	461548	ISTD01	11.86	8148410	20.0
2-Pentanol, 4-methyl	10.50	1.3	ng/uL	527510	ISTD01	11.86	8148410	20.0
Cyclopentane, 1-ethy	10.83	0.9	ng/uL	355652	ISTD01	11.86	8148410	20.0

27550.D NP112701.M Fri Dec 14 12:57:32 2001