User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 14:39:12

Sample: AD27766
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 14:34 Ended: 1/3/02 14:34 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 AD27766 - Analysis $GCMS

Vestchester Dept. of Labs & Research
Jser: Galos, Marie
)ate: 01-03-2002 Time: 14:39:20

, 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\27766.D Vial: 9
Acq On : 20 Dec 2001 3:13 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:13 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	966419	20.00	ng/uL	-0.06
19) Naphthalene-d8	15.49	136	3842633	20.00	ng/uL	-0.06
31) Acenaphthene-d10	20.76	164	1710313	20.00	ng/uL	-0.06
49) Phenanthrene-d10	25.17	188	2517020	20.00	ng/uL	-0.07
59) Chrysene-d12	33.17	240	1678294	20.00	ng/uL	-0.07
68) Perylene-d12	37.26	264	819766	20.00	ng/uL	-0.07
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	665	0.01	ng/uL	0.44
Spiked Amount 75.000	Range 34 - 84		Recovery =	0.01%#		
7) 1,2-Dichlorobenzene-d4	12.01	152	608	0.01	ng/uL	-0.45
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	18.91	172	2423	0.02	ng/uL	0.07
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	5.22	79	897	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 : 20 Dec 2001 3:13 am Operator: GALOS
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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
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	21.19	65	1122	N.D.	
44)	2,4-Dinitrotoluene	0.00	165	0	N.D.	
45)	Diethylphthalate	22.25	149	761	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	27.15	149	6959	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

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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	31.64	149	1501	N.D.	
65) Benzo(a)anthracene	33.18	228	3964	N.D.	
66) Bis(2-ethylhexyl)phthalate	33.42	149	10261	N.D.	
67) Chrysene	33.18	228	3964	N.D.	
69) Di-n-Octylphthalate	35.16	149	5994	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	37.26	252	2295	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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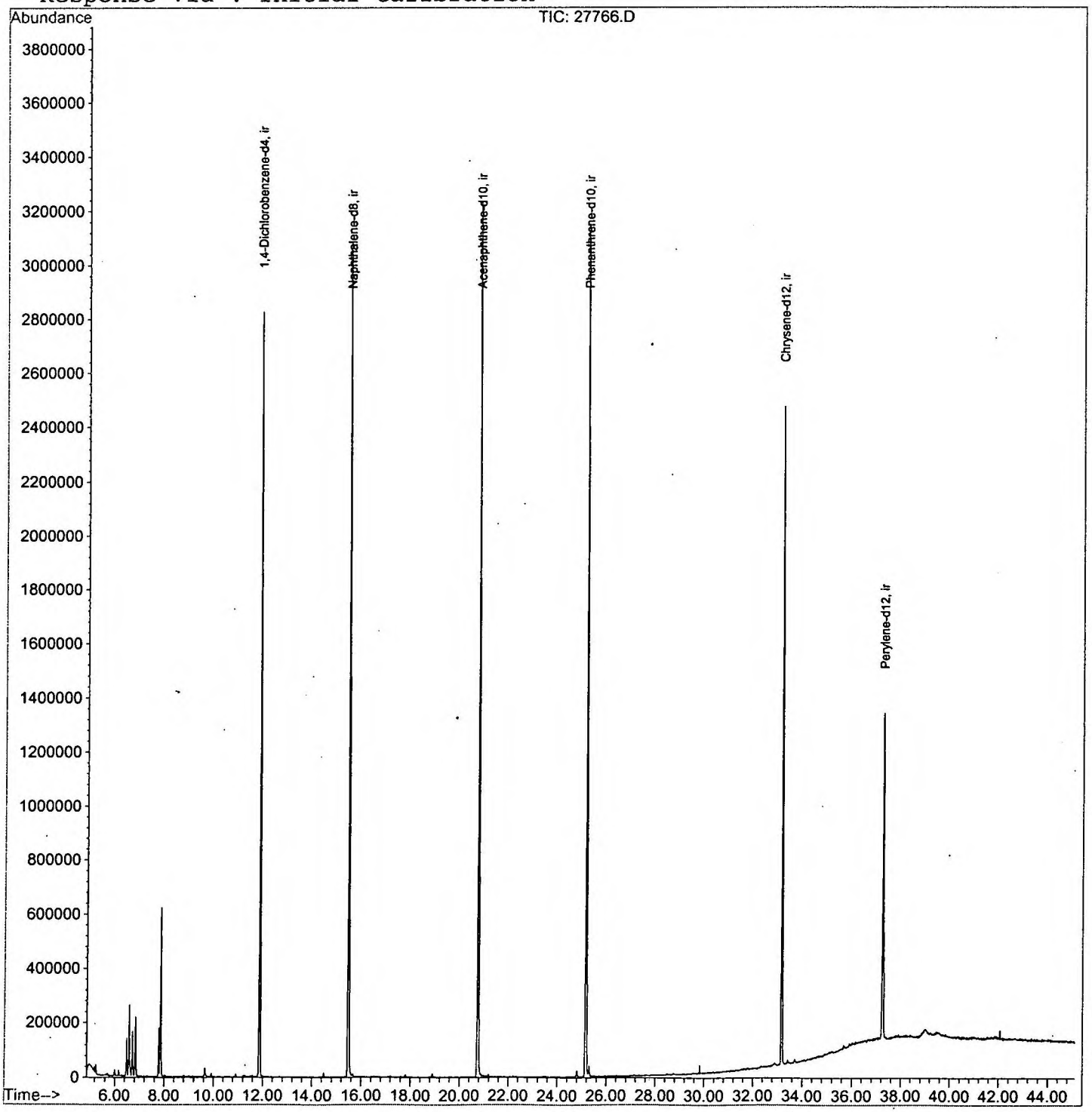
Acq On : 20 Dec 2001 3:13 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Dec 20 11:13 2001 Quant Results File: NP112701.RES

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\27766.D Vial: 9
Acq On : 20 Dec 2001 3:13 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

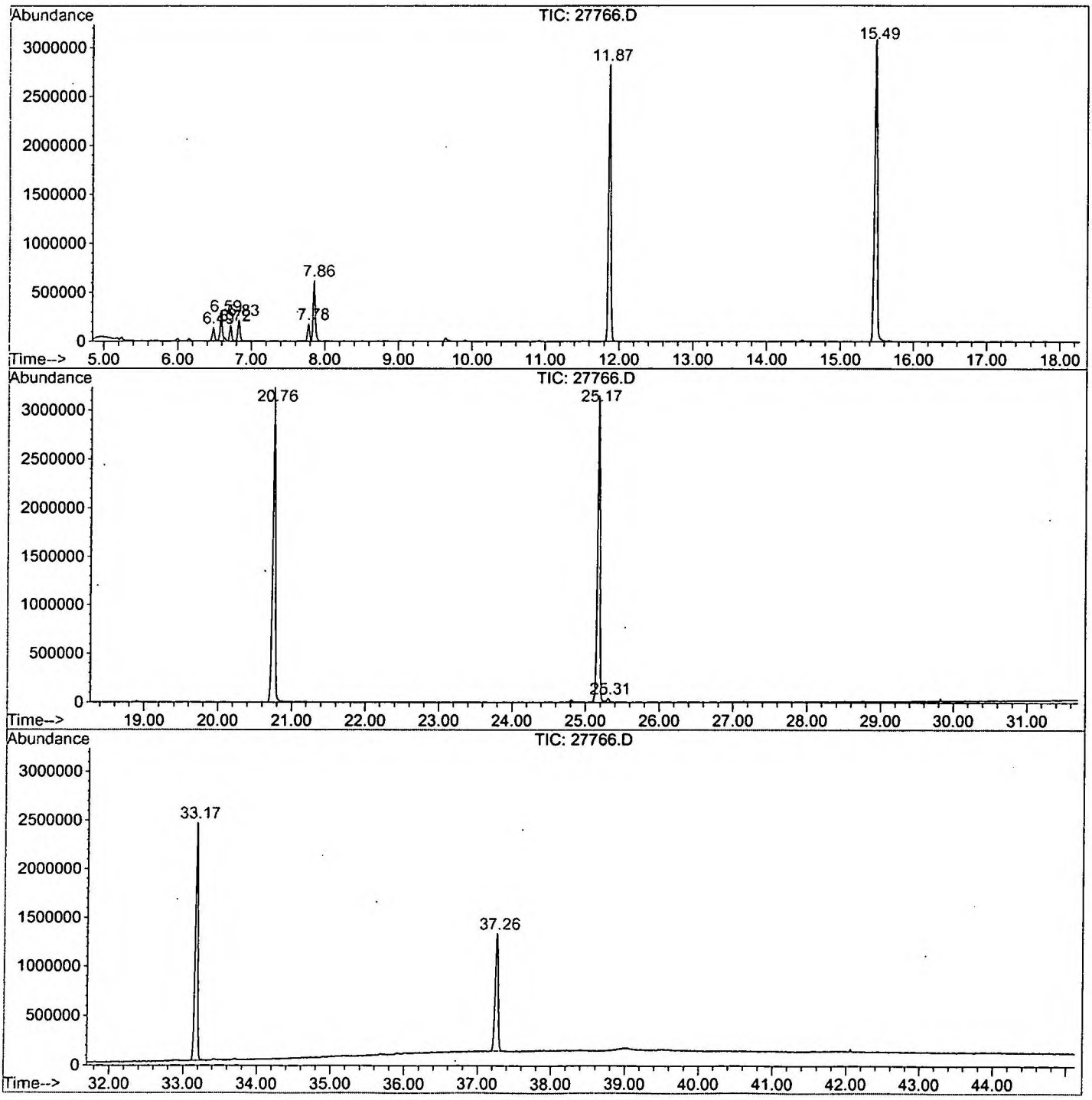
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.490	174	180	185	rBV	138729	275803	3.49%	0.670%
2	6.591	185	191	195	rBV	256854	496929	6.28%	1.207%
3	6.719	200	205	212	rVB	162644	298513	3.77%	0.725%
4	6.829	212	217	224	rBV	216165	421510	5.33%	1.024%
5	7.783	316	321	325	rBV	177571	336624	4.26%	0.818%
6	7.856	325	329	340	rVB	620012	1231733	15.57%	2.992%
7	11.873	761	767	775	rVB	2822894	5994666	75.78%	14.561%
8	15.486	1153	1161	1177	rBV	3081753	7910746	100.00%	19.216%
9	20.758	1727	1736	1747	rBV	3235090	7752082	97.99%	18.830%
10	25.169	2209	2217	2226	rBV2	3147047	7298222	92.26%	17.728%
11	25.307	2228	2232	2242	rVB	39341	91360	1.15%	0.222%
12	33.175	3083	3090	3102	rBV2	2430146	5731330	72.45%	13.922%
13	37.265	3528	3536	3544	rVB2	1198470	3328907	42.08%	8.086%

Sum of corrected areas: 41168425

27766.D NP112701.M Thu Dec 20 11:45:13 2001

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27766.D
Operator : GALOS
Acquired : 20 Dec 2001 3:13 am using AcqMethod NP112701
Instrument : GC/MS Ins
Sample Name: gcms unknown 11/16
Misc Info :
Vial Number: 9
Quant File :NP112701.RES (RTE Integrator)



27766.D NP112701.M Thu Dec 20 11:45:16 2001

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27766.D
Acq On : 20 Dec 2001 3:13 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

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

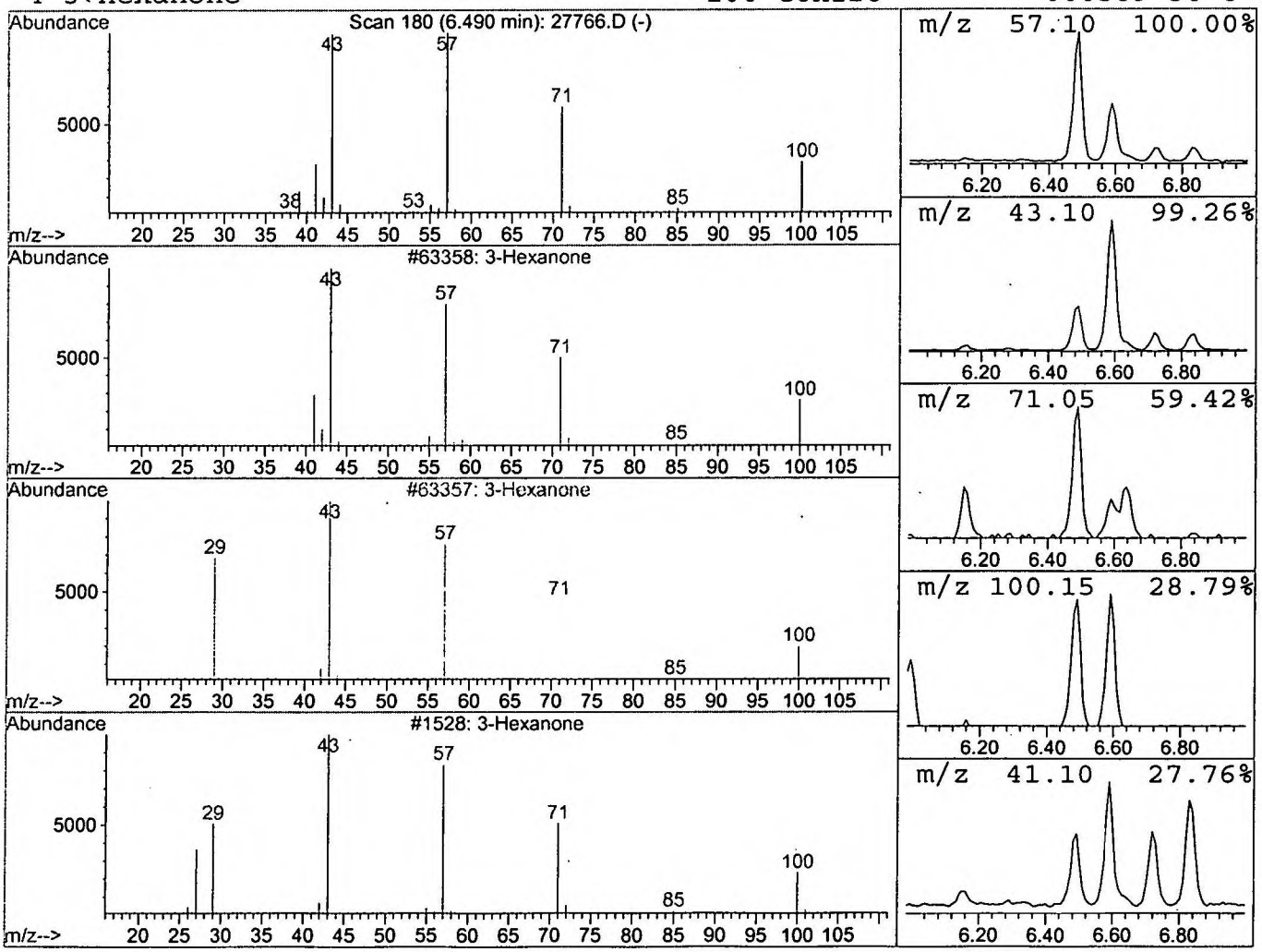
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Hexanone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.49	0.92 ng/uL	275803	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Hexanone	100	C6H12O	000589-38-8	91
3	3-Hexanone	100	C6H12O	000589-38-8	86
4	3-Hexanone	100	C6H12O	000589-38-8	72



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27766.D
Acq On : 20 Dec 2001 3:13 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

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

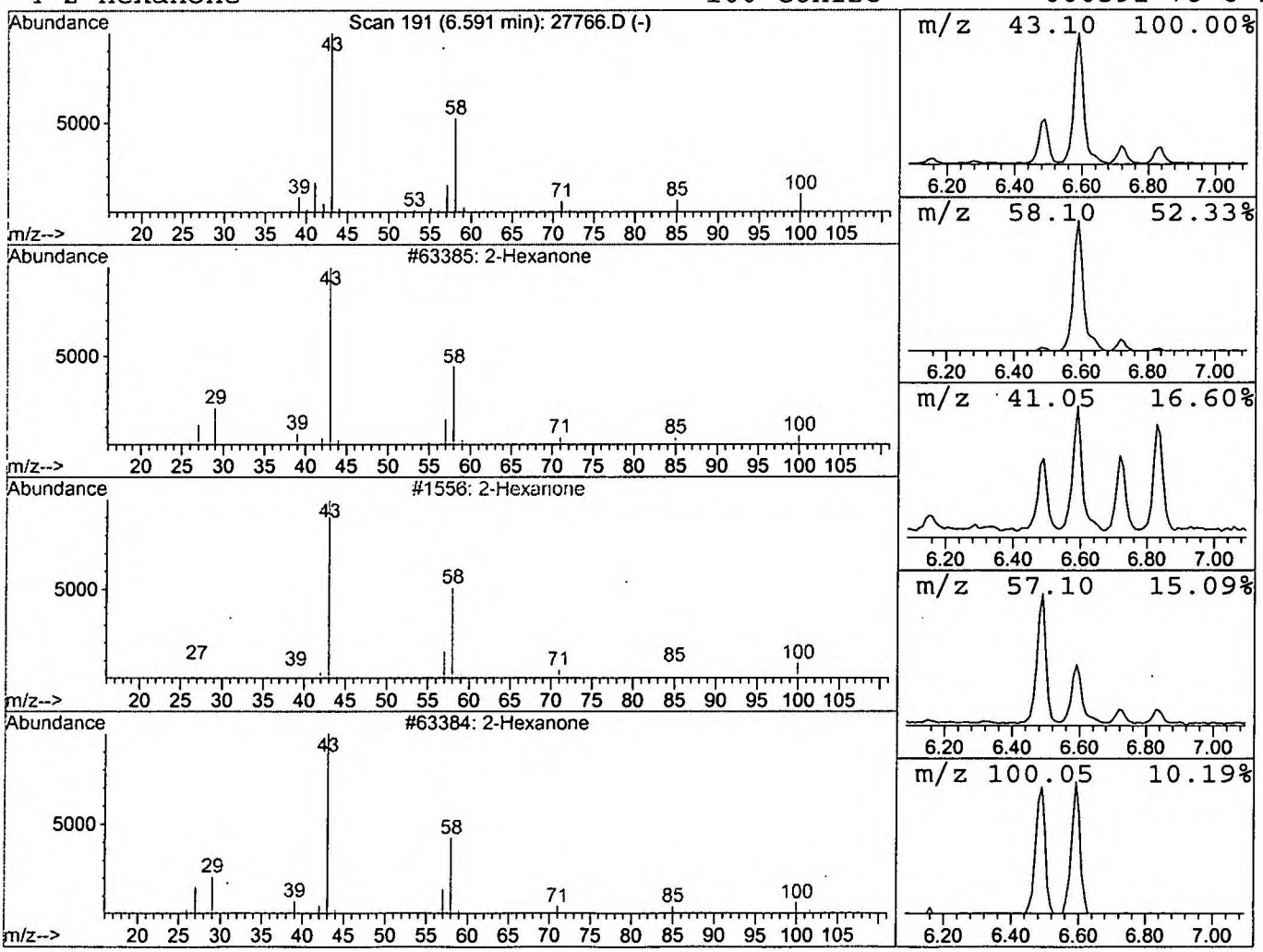
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.59	1.66 ng/uL	496929	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	91



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27766.D Vial: 9
Acq On : 20 Dec 2001 3:13 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
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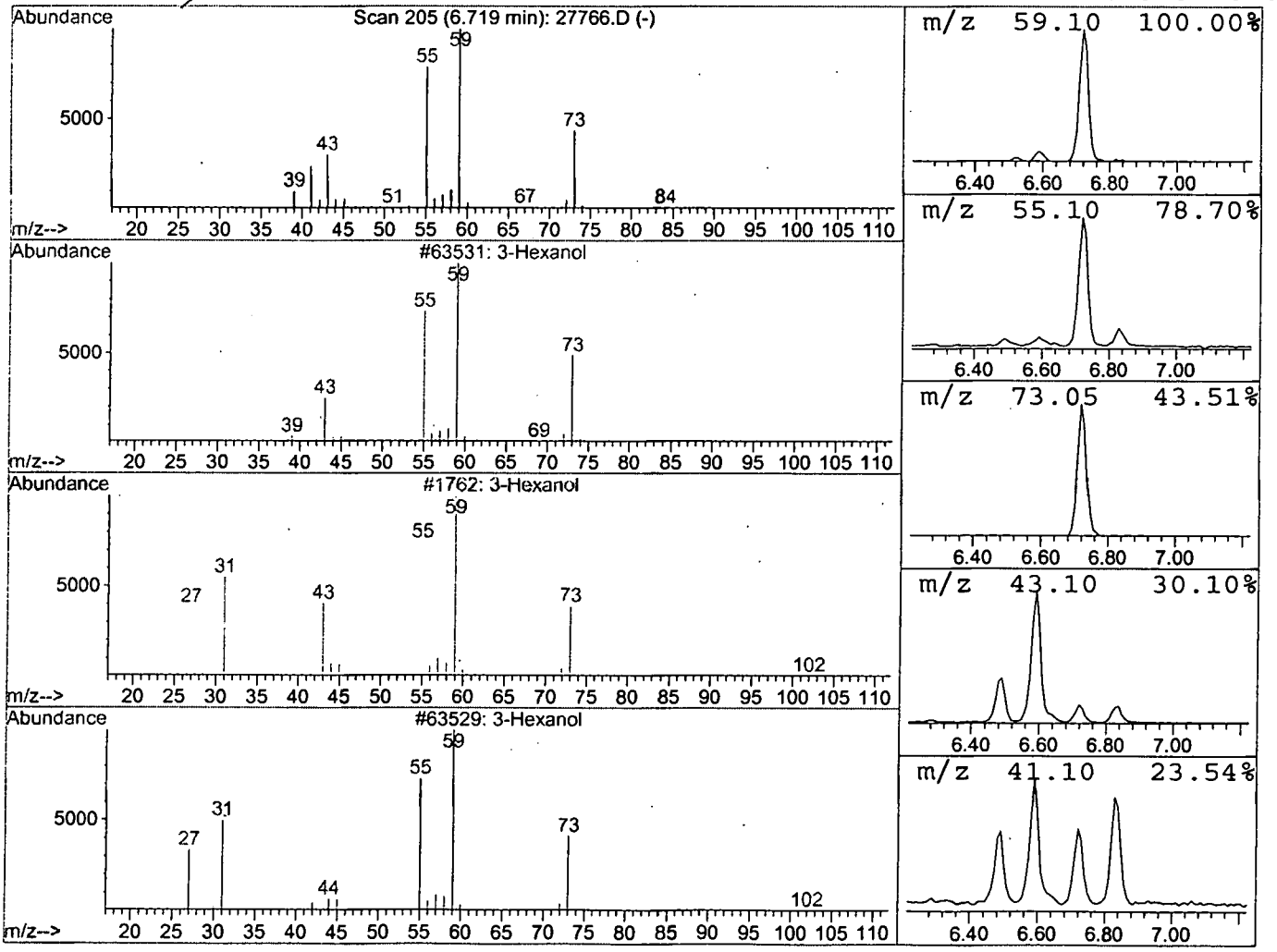
****

Peak Number 3 3-Hexanol Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.72	1.00 ng/uL	298513	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	90
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 : 20 Dec 2001 3:13 am Operator: GALOS
Sample : gcms unknown 11/16 Inst : GC/MS Ins
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

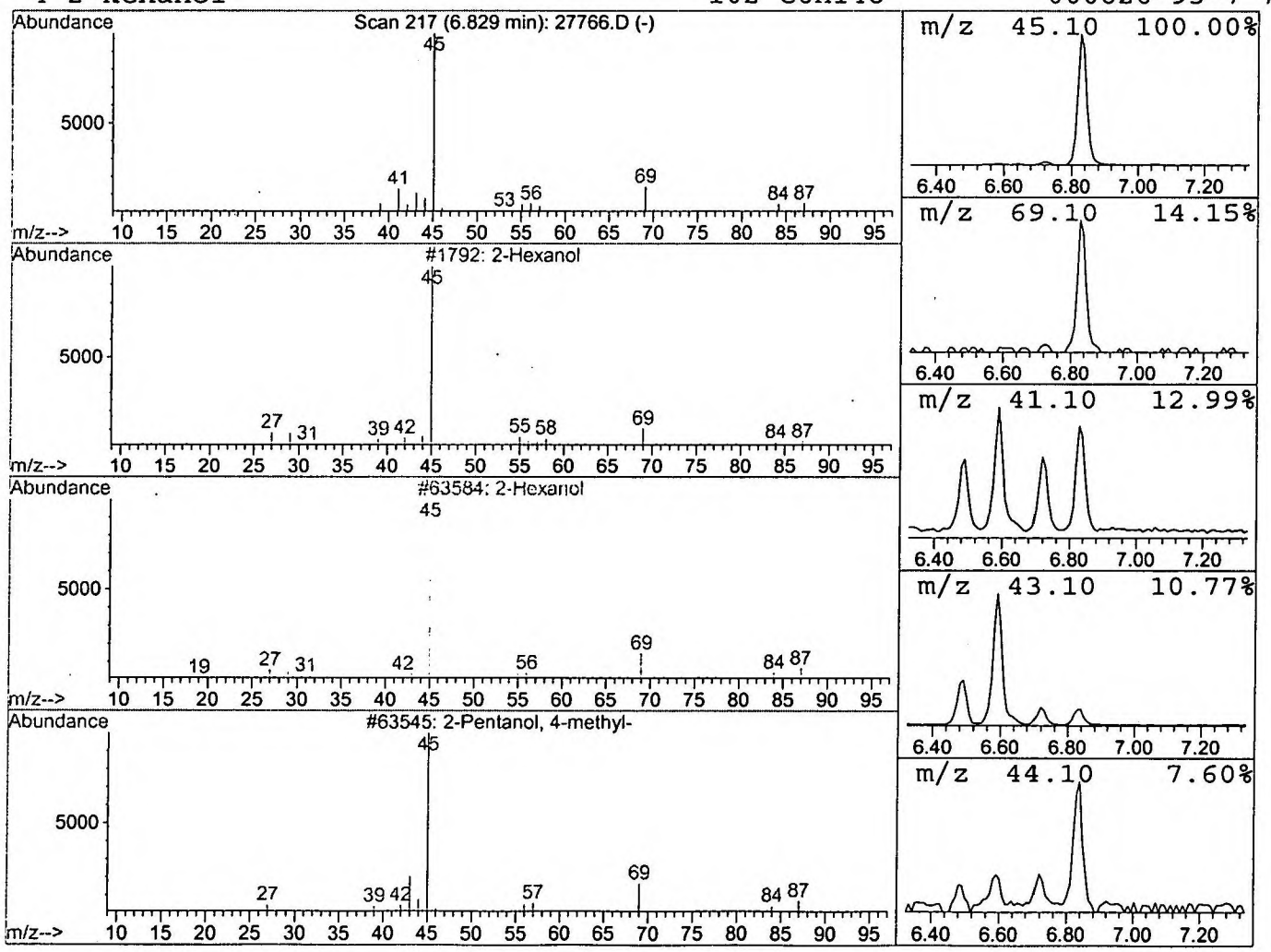
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.83	1.41 ng/uL	421510	1,4-Dichlorobenzene-d4	11.87

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-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
4	2-Hexanol	102	C6H14O	000626-93-7	74



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27766.D
Acq On : 20 Dec 2001 3:13 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

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

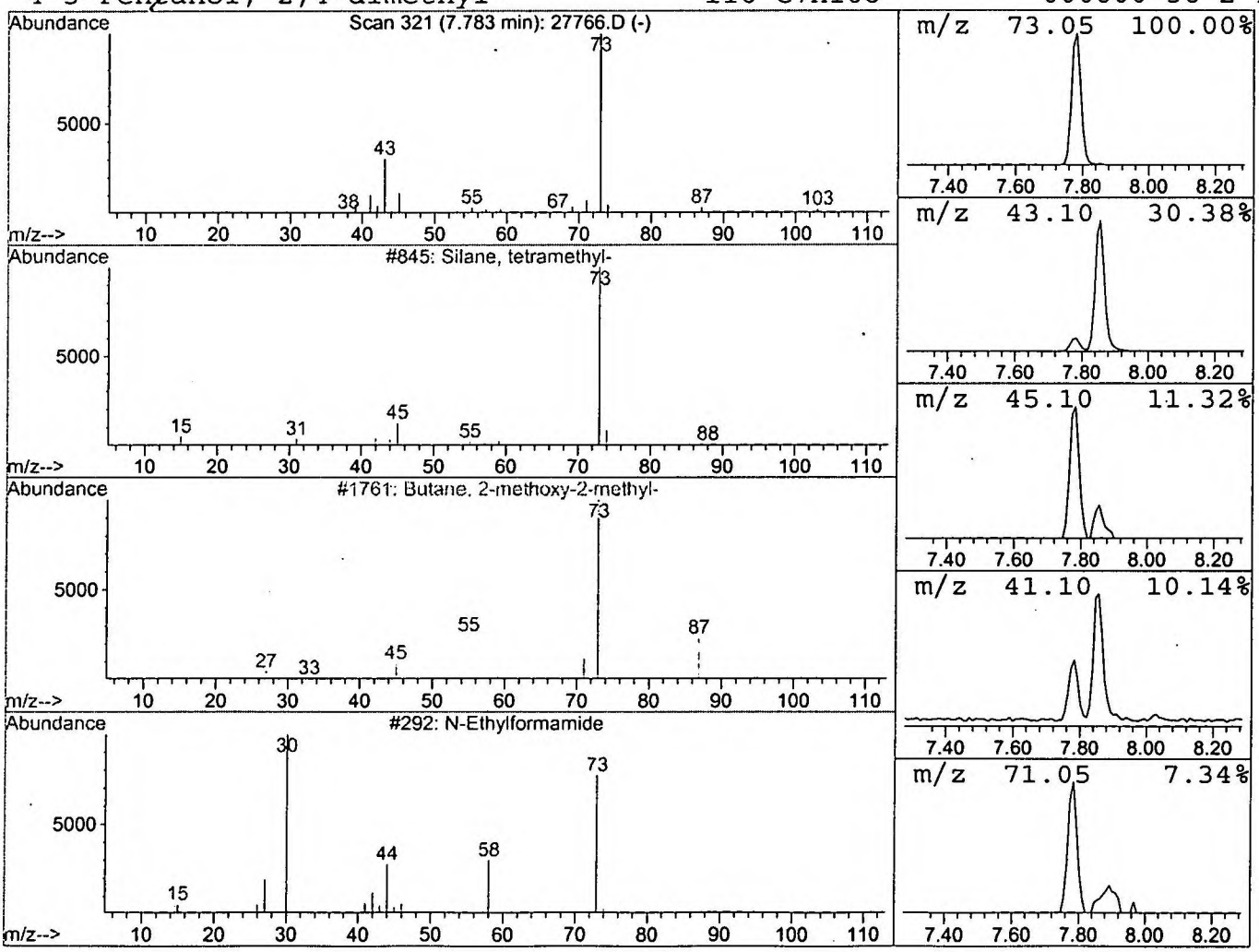
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Silane, tetramethyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.78	1.12 ng/uL	336624	1,4-Dichlorobenzene-d4	11.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	33
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	25
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	9



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Acq On : 20 Dec 2001 3:13 am
Sample : gcms unknown 11/16
Misc :
MS Integration Params: LSCINT.P

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

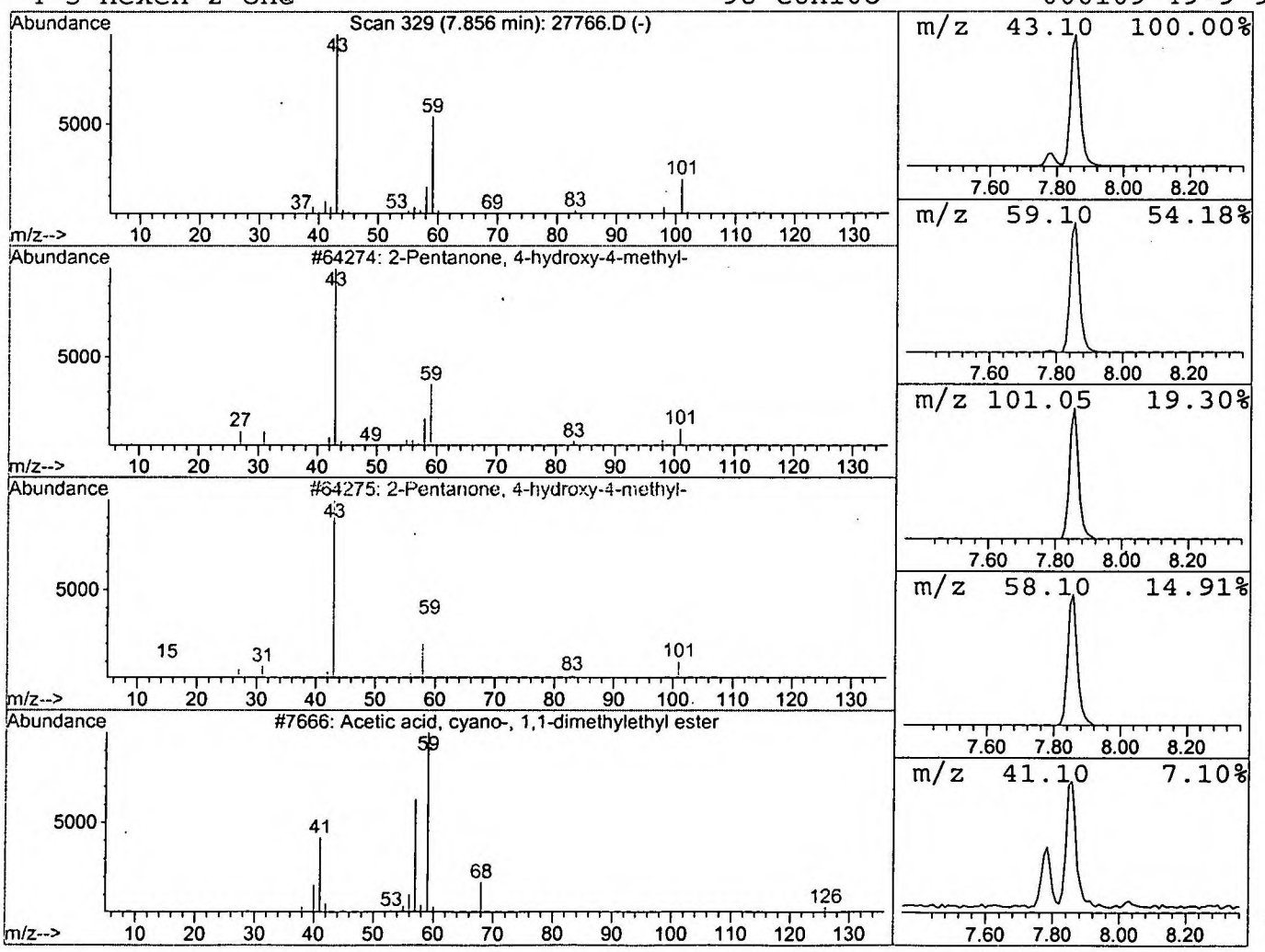
Quant Method : C:\HPCHEM\1\METHODS\NP112701.M (RTE Integrator)
Title : 208 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	4.11 ng/uL	1231730	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	33
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	23
3	Acetic acid, cyano-, 1,1-dimethylet	141	C7H11NO2	001116-98-9	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9



Tentatively Identified Compound (LSC) summary

Operator ID: GALOS Date Acquired: 20 Dec 2001 3:13 am
Data File: C:\HPCHEM\1\DATA\DEC1901\27766.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
3-Hexanone	6.49	0.9	ng/uL	275803	ISTD01	11.87	5994670	20.0
2-Hexanone	6.59	1.7	ng/uL	496929	ISTD01	11.87	5994670	20.0
3-Hexanol	6.72	1.0	ng/uL	298513	ISTD01	11.87	5994670	20.0
2-Hexanol	6.83	1.4	ng/uL	421510	ISTD01	11.87	5994670	20.0
Silane, tetramethyl-	7.78	1.1	ng/uL	336624	ISTD01	11.87	5994670	20.0
2-Pentanone, 4-hydro	7.86	4.1	ng/uL	1231730	ISTD01	11.87	5994670	20.0

27766.D NP112701.M Thu Dec 20 11:45:30 2001