User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 09:51:58

Sample: AD27772
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 09:46 Ended: 1/3/02 09:46 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 AD27772 - Analysis $GCMS

Vestchester Dept. of Labs & Research
ser: Galos, Marie
ate: 01-03-2002 Time: 09:52:10

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27772.D Vial: 28
Acq On : 19 Dec 2001 5:36 pm Operator: 209 GALOS
Sample : gc/msunknown 11/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 19 18:24 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.66	152	1123188	20.00	ug/l	-0.04
10) Naphthalene-d8	15.28	136	4315318	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2156071	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	3168205	20.00	ug/l	-0.02
38) Chrysene-d12	33.02	240	2136721	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1408797	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	0.00	235	0	0.00	ug/mL	
Spiked Amount 5.000			Recovery =	0.00%		
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	0.00	74	0	N.D.		
3) bis(2-Chloroethyl)ether	0.00	93	0	N.D.		
4) 1,3-Dichlorobenzene	0.00	146	0	N.D.		
5) 1,4-Dichlorobenzene	0.00	146	0	N.D.		
6) 1,2-Dichlorobenzene	0.00	146	0	N.D.		
7) 2,2'-oxybis(1-Chloropropan	0.00	45	0	N.D.		
8) N-Nitroso-di-n-propylamine	0.00	70	0	N.D.		
9) Hexachloroethane	0.00	117	0	N.D.		
11) Nitrobenzene	0.00	77	0	N.D.		
12) Isophorone	0.00	82	0	N.D.		
13) bis(2-Chloroethoxy)methane	0.00	93	0	N.D.		
14) 1,2,4-Trichlorobenzene	0.00	180	0	N.D.		
15) Naphthalene	15.32	128	308	N.D.		
16) Hexachlorobutadiene	0.00	225	0	N.D.		
18) Hexachlorocyclopentadiene	0.00	237	0	N.D.		
19) 2-Chloronaphthalene	0.00	162	0	N.D.		
20) Dimethylphthalate	0.00	163	0	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	21.14	165	259	N.D.		
25) Diethylphthalate	0.00	149	0	N.D.		
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
28) Azobenzen/ 1,2-Diphenylhyd	0.00	77	0	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27772.D Vial: 28
Acq On : 19 Dec 2001 5:36 pm Operator: 209 GALOS
Sample : gc/msunknown 11/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 19 18:24 2001 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 14 12:19:30 2001
Response via : Initial Calibration
DataAcq Meth : GCMS1126

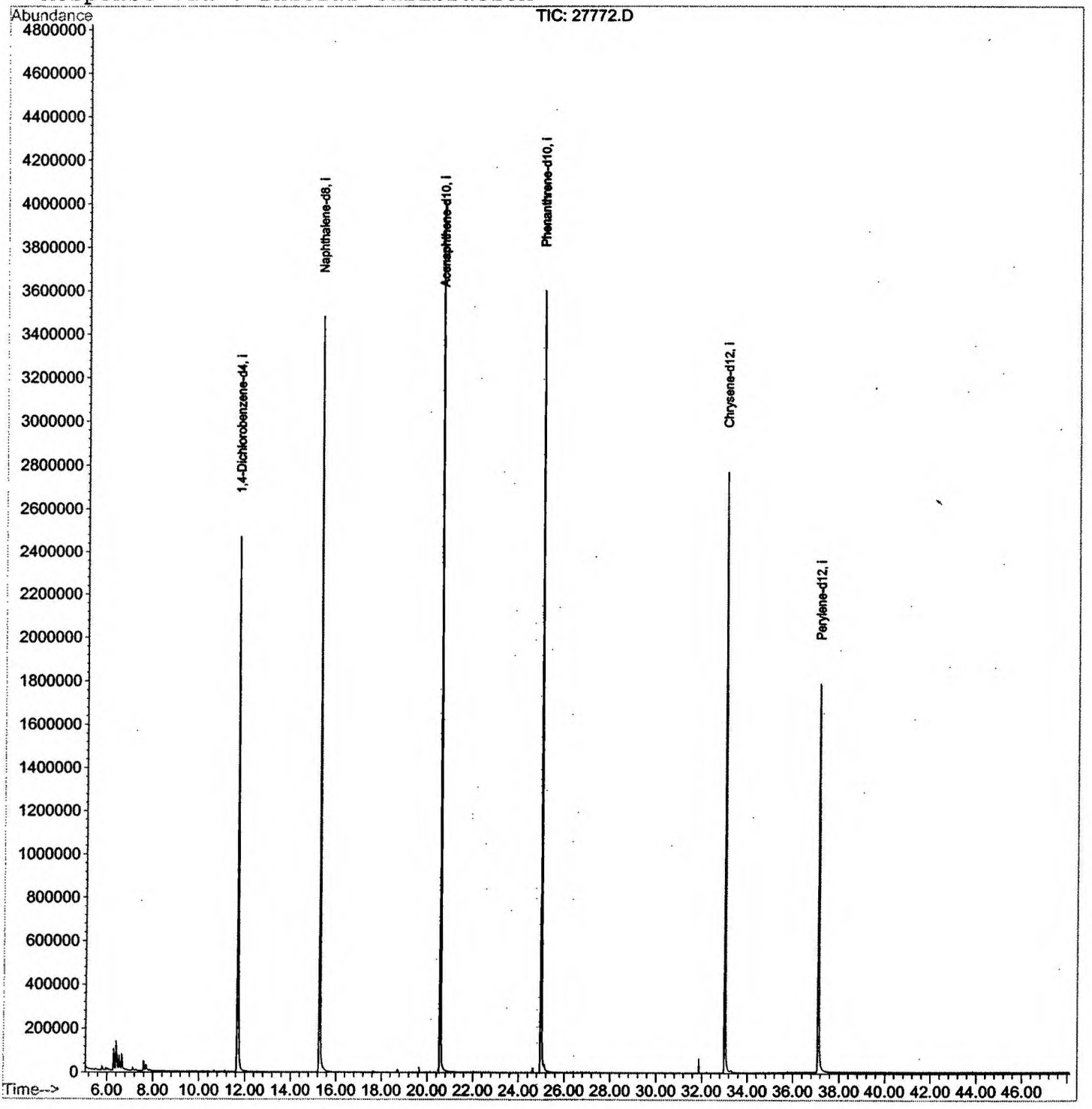
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.98	178	857	N.D.	
34)	Anthracene	24.98	178	857	N.D.	
35)	Di-n-butylphthalate	27.02	149	2332	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.02	228	5220	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	6147	N.D.	
43)	Chrysene	33.02	228	5220	N.D.	
45)	Di-n-Octylphthalate	35.03	149	176	N.D.	
46)	Benzo(b)fluoranthene	0.00	252	0	N.D.	
47)	Benzo(k)fluoranthene	0.00	252	0	N.D.	
48)	Benzo(a)pyrene	37.11	252	5500	N.D.	
49)	Indeno(1,2,3-cd)pyrene	0.00	276	0	N.D.	
50)	Dibenz(a,h)anthracene	0.00	278	0	N.D.	
51)	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\27772.D Vial: 28
Acq On : 19 Dec 2001 5:36 pm Operator: 209 GALOS
Sample : gc/msunknown 11/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Dec 19 18:24 2001 Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27772.D Vial: 28
Acq On : 19 Dec 2001 5:36 pm Operator: 209 GALOS
Sample : gc/msunknown 11/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/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

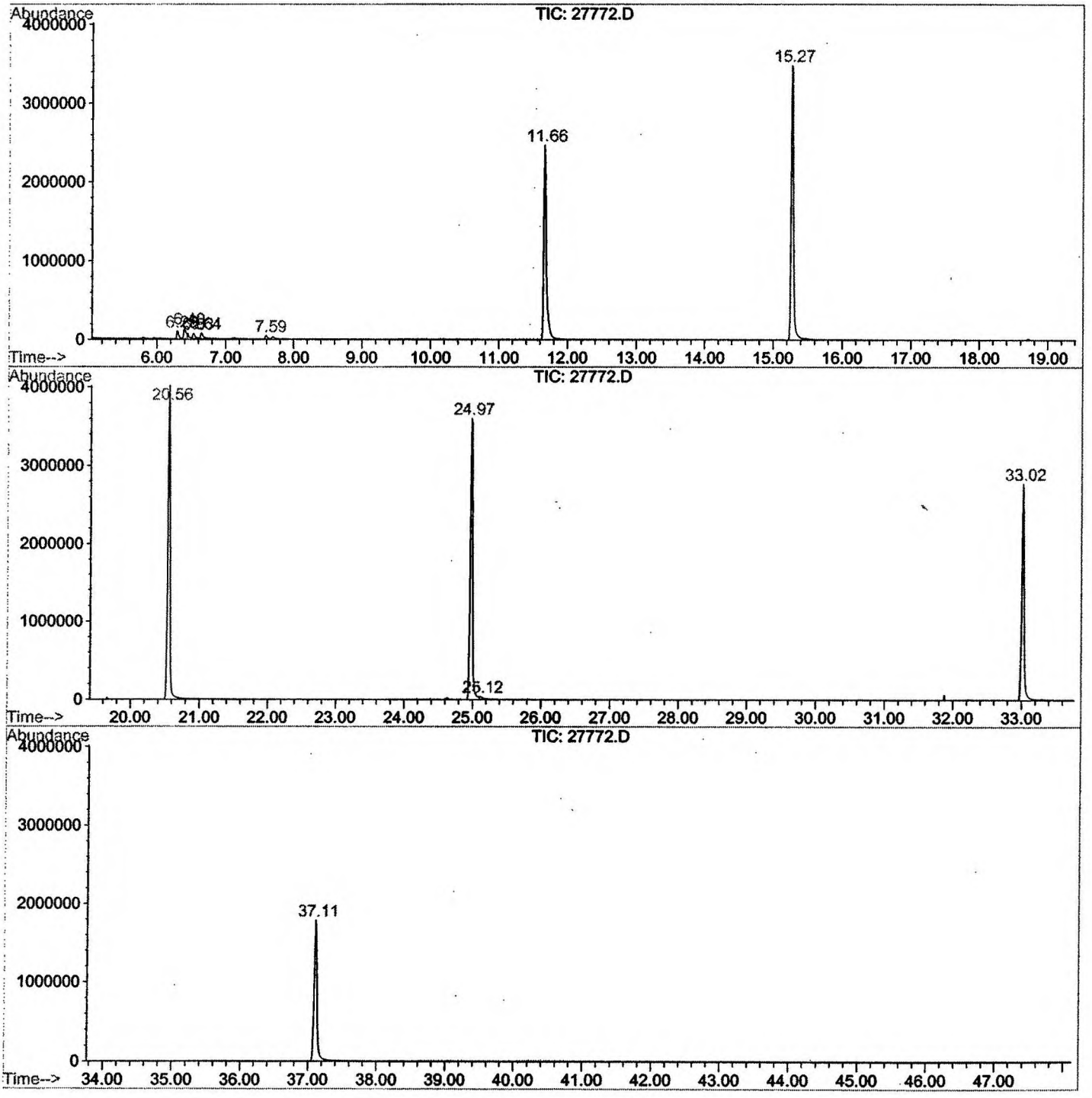
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.291	133	136	143	rBV	97972	212364	2.35%	0.467%
2	6.401	144	148	152	rVV	132299	321038	3.56%	0.707%
3	6.530	159	162	171	rVV	65392	166444	1.85%	0.366%
4	6.640	171	174	187	rVB	69745	188281	2.09%	0.414%
5	7.595	273	278	285	rBV	45745	118411	1.31%	0.261%
6	11.662	716	721	753	rBV	2468916	6509444	72.17%	14.329%
7	15.270	1109	1114	1133	rBV	3480352	8326853	92.32%	18.329%
8	20.557	1683	1690	1713	rBV	4018689	9019470	100.00%	19.854%
9	24.973	2165	2171	2185	rBV2	3601577	8584898	95.18%	18.897%
10	25.120	2185	2187	2201	rVB2	33998	116853	1.30%	0.257%
11	33.015	3040	3047	3072	rBV2	2770479	6726845	74.58%	14.807%
12	37.110	3485	3493	3516	rBV2	1782784	5138846	56.98%	11.312%

Sum of corrected areas: 45429747

27772.D GCMS1126.M Wed Jan 02 12:02:04 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27772.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 5:36 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/msunknown 11/19
Misc Info :
Vial Number: 28
Quant File :GCMS1126.RES (RTE Integrator)



27772.D GCMS1126.M Wed Jan 02 12:02:10 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27772.D
Acq On : 19 Dec 2001 5:36 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

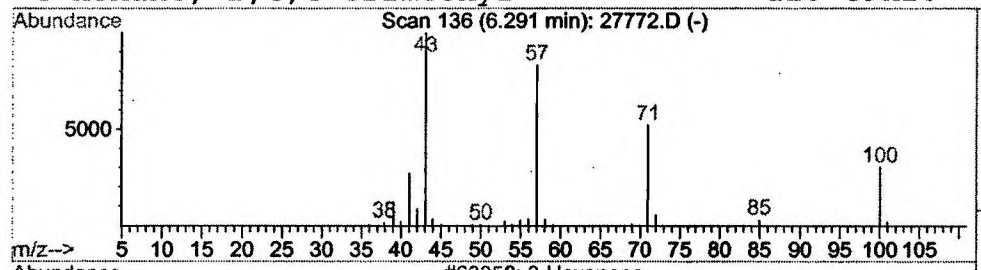
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

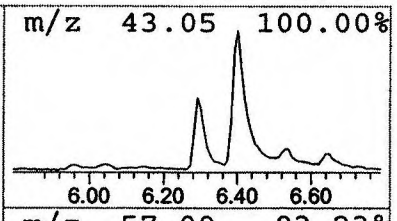
****

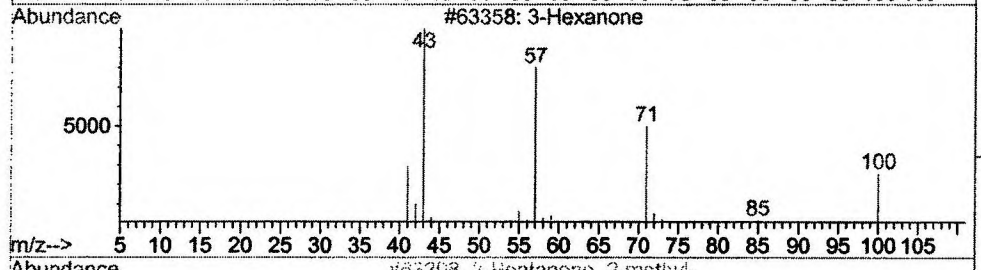
Peak Number 1 3-Hexanone Concentration Rank 2

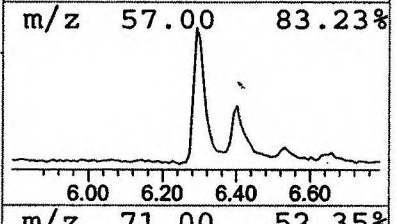
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	0.65 ug/l	212364	1,4-Dichlorobenzene-d4	11.66

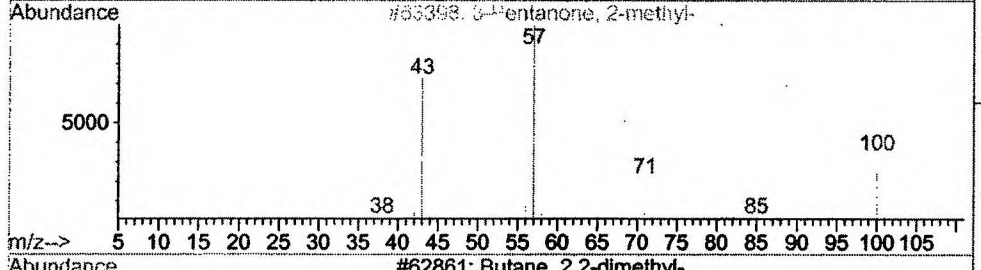
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	43
3	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	42
4	Hexane, 2,4,4-trimethyl-	128	C9H20	016747-30-1	36

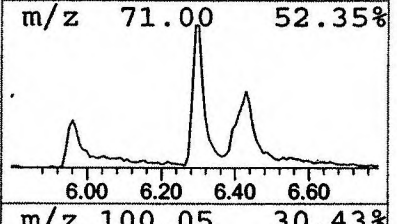


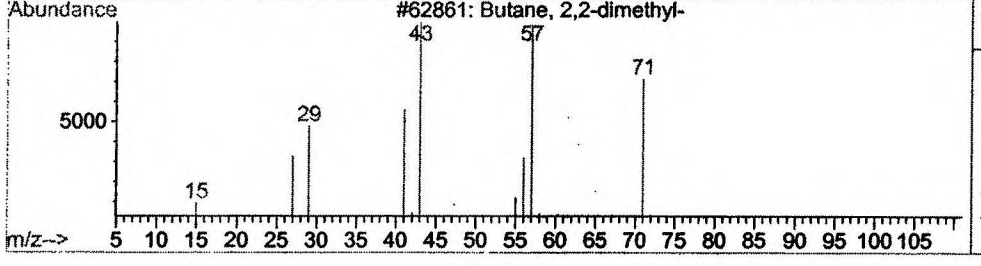


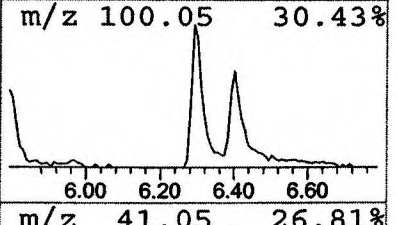


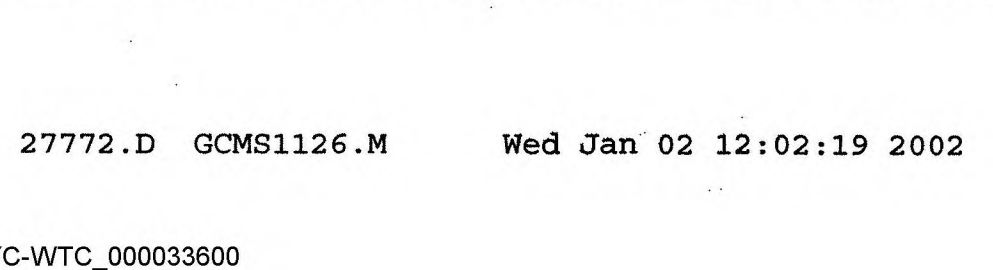


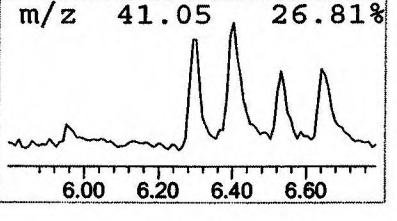












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27772.D
Acq On : 19 Dec 2001 5:36 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

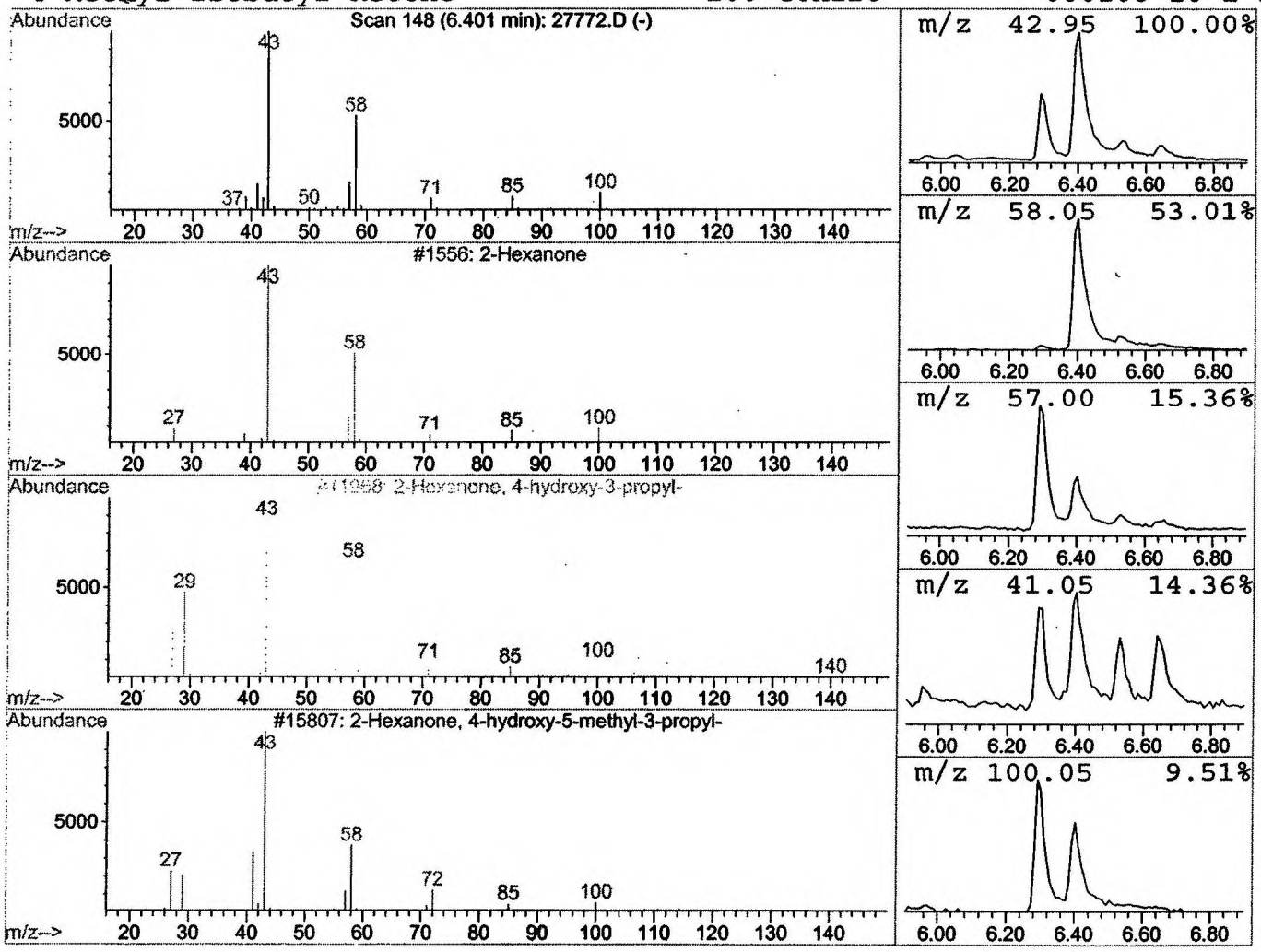
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	0.99 ug/l	321038	1,4-Dichlorobenzene-d4	11.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanone	100	C6H12O	000591-78-6	91
2	2-Hexanone, 4-hydroxy-3-propyl-	158	C9H18O2	062338-17-4	83
3	2-Hexanone, 4-hydroxy-5-methyl-3-pr	172	C10H20O2	061141-74-0	74
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27772.D
Acq On : 19 Dec 2001 5:36 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst. : GC/MS 209
Multiplr: 1.00

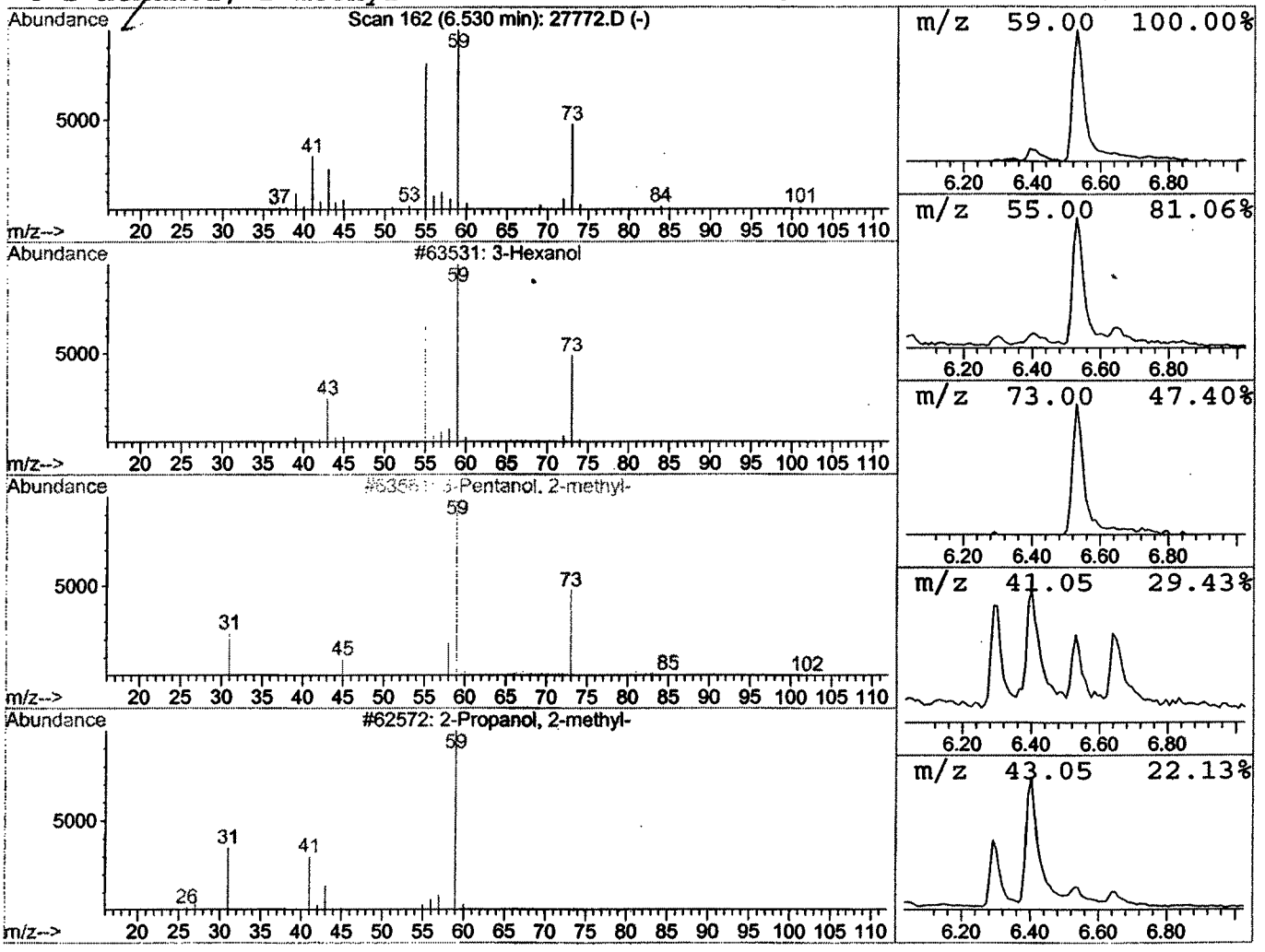
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	0.51 ug/l	166444	1,4-Dichlorobenzene-d4	11.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	78
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	45
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	42
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27772.D
Acq On : 19 Dec 2001 5:36 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 28
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

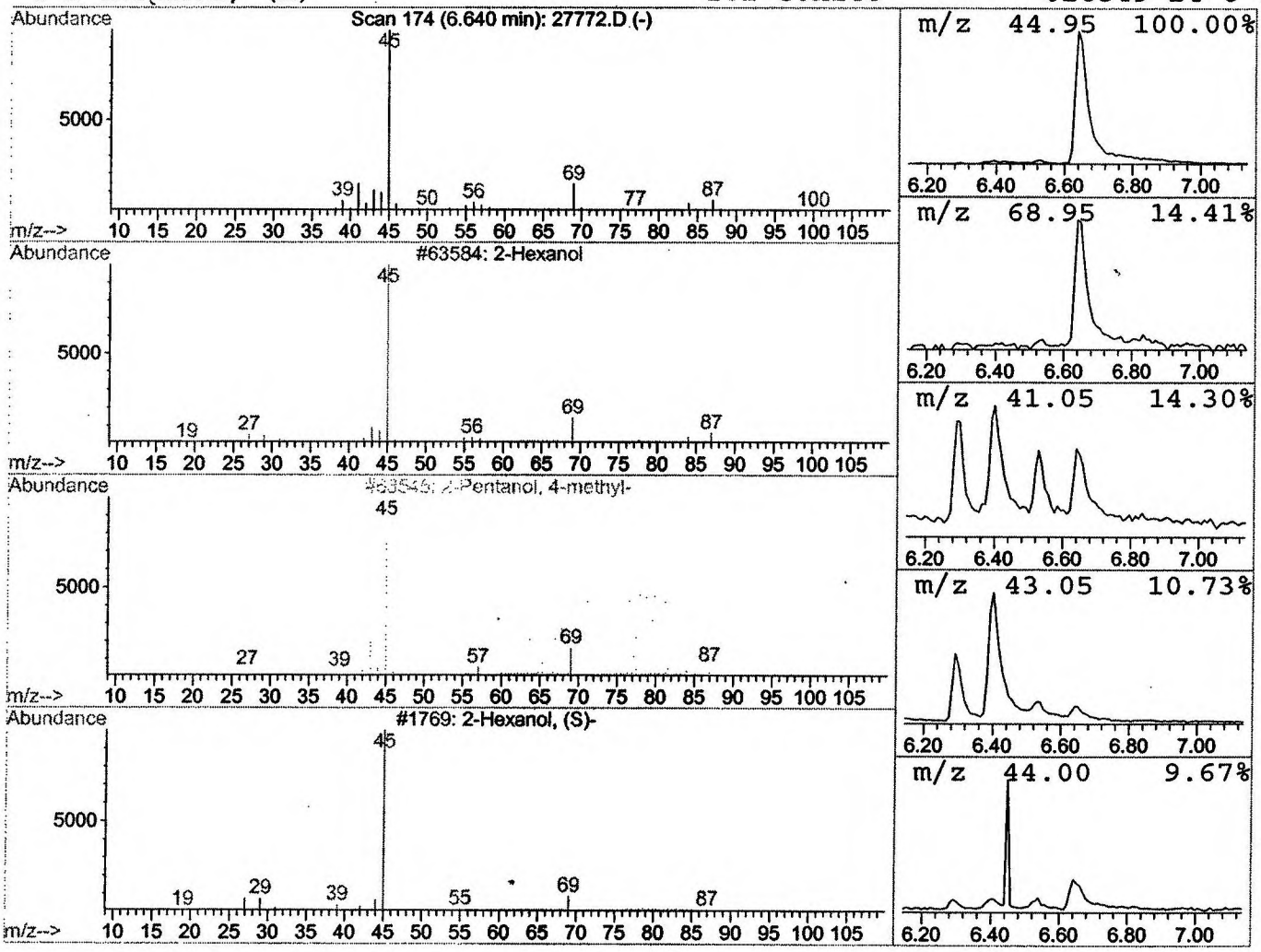
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	0.58 ug/l	188281	1,4-Dichlorobenzene-d4	11.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Hexanol	102	C6H14O	000626-93-7	83
2	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	74
3	2-Hexanol, (S)-	102	C6H14O	052019-78-0	64
4	2-Hexanol, (R)-	102	C6H14O	026549-24-6	64



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Dec 2001 5:36 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\27772.D
Name: gc/msunknown 11/19
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title: 209 625/TCLP calibration table
Library Searched: C:\DATABASE\NBS75K.L

TIC Top Hit name	RT	EstConc	Units	Area	IntStd	ISRT	ISArea	ISConc
3-Hexanone	6.29	0.7	ug/l	212364	ISTD01	11.66	6509440	20.0
2-Hexanone	6.40	1.0	ug/l	321038	ISTD01	11.66	6509440	20.0
3-Hexanol	6.53	0.5	ug/l	166444	ISTD01	11.66	6509440	20.0
2-Hexanol	6.64	0.6	ug/l	188281	ISTD01	11.66	6509440	20.0

27772.D GCMS1126.M Wed Jan 02 12:02:33 2002