User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 11:49:45

Sample: AD27826
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 11:49 Ended: 1/3/02 11:49 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 AD27826 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Galos, Marie
Date: 01-03-2002 Time: 11:49:52

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1901\27826.D Vial: 32
Acq On : 19 Dec 2001 9:31 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 22:20 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	11.67	152	1165807	20.00	ug/l	-0.03
10) Naphthalene-d8	15.27	136	4456195	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	2203222	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	3286042	20.00	ug/l	-0.01
38) Chrysene-d12	33.02	240	2158312	20.00	ug/l	-0.01
44) Perylene-d12	37.10	264	1490787	20.00	ug/l	-0.01
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	0.00	128	0	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	20.57	153	118	N.D.		
24) 2,4-Dinitrotoluene	21.20	165	290	N.D.		
25) Diethylphthalate	22.13	149	200	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\27826.D Vial: 32
Acq On : 19 Dec 2001 9:31 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 22:20 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

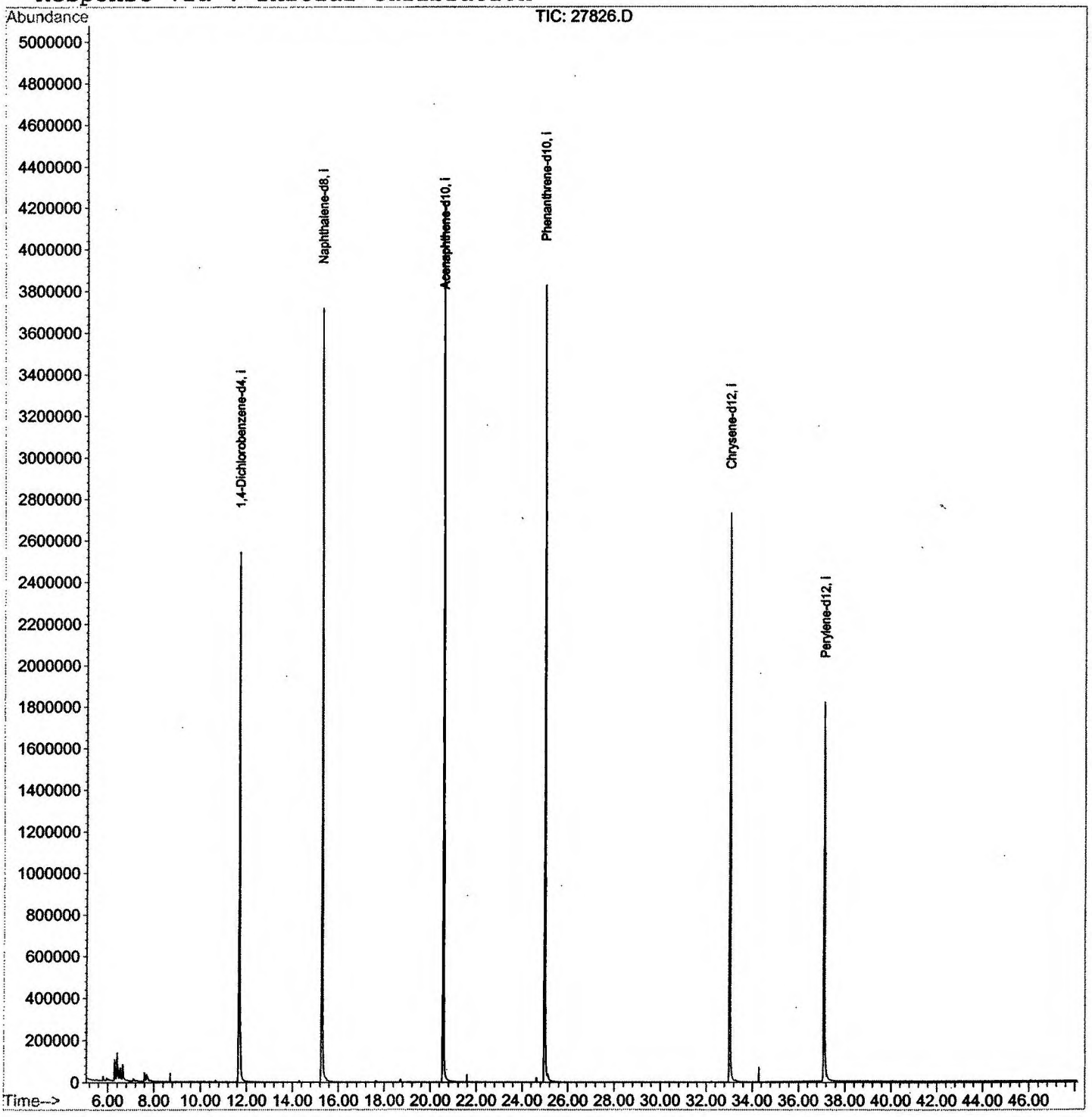
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.99	178	1211	N.D.	
34)	Anthracene	24.99	178	1211	N.D.	
35)	Di-n-butylphthalate	27.01	149	2404	N.D.	
36)	Fluoranthene	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	5099	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	4650	N.D.	
43)	Chrysene	33.02	228	5099	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	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	5729	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\27826.D Vial: 32
Acq On : 19 Dec 2001 9:31 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 22:20 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\27826.D Vial: 32
Acq On : 19 Dec 2001 9:31 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

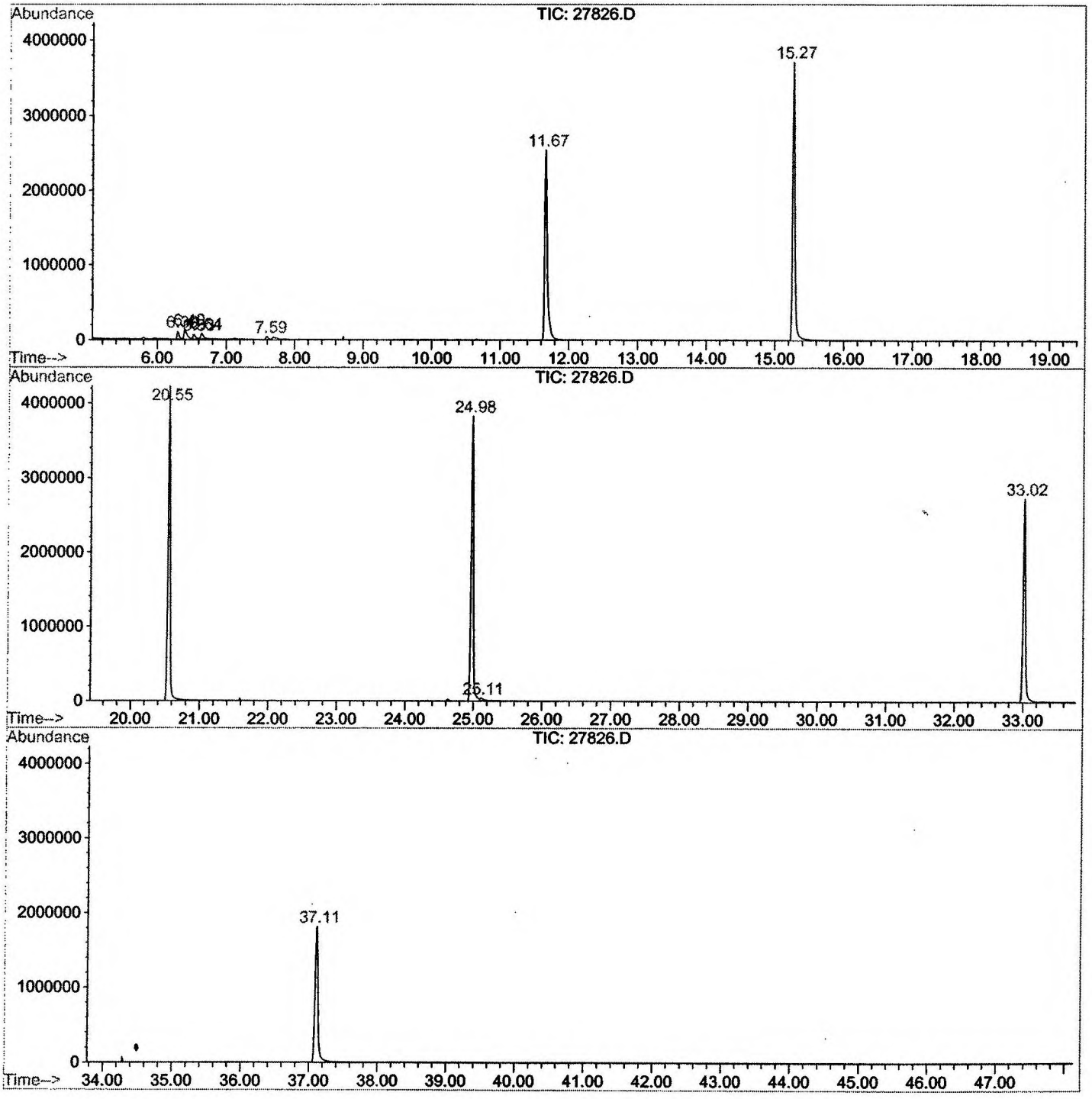
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.295	132	136	143	rBV	101973	215612	2.32%	0.462%
2	6.396	143	147	158	rVV	131704	388430	4.18%	0.833%
3	6.534	158	162	170	rVV	60384	164635	1.77%	0.353%
4	6.644	170	174	188	rVB	73598	198482	2.14%	0.425%
5	7.590	273	277	284	rBV	40516	95278	1.03%	0.204%
6	11.666	716	721	748	rBV	2540572	6680626	71.97%	14.319%
7	15.274	1108	1114	1133	rBV	3717241	8621492	92.88%	18.480%
8	20.552	1683	1689	1714	rBV	4229992	9282368	100.00%	19.896%
9	24.977	2164	2171	2184	rBV2	3826696	8653974	93.23%	18.549%
10	25.115	2184	2186	2198	rVB2	32090	109869	1.18%	0.235%
11	33.019	3040	3047	3068	rBV2	2728614	6795520	73.21%	14.566%
12	37.114	3485	3493	3523	rBV2	1813673	5447956	58.69%	11.677%

Sum of corrected areas: 46654242

27826.D GCMS1126.M Thu Jan 03 11:16:01 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27826.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 9:31 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/msunknown 11/19
Misc Info :
Vial Number: 32
Quant File :GCMS1126.RES (RTE Integrator)



27826.D GCMS1126.M Thu Jan 03 11:16:07 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27826.D
Acq On : 19 Dec 2001 9:31 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

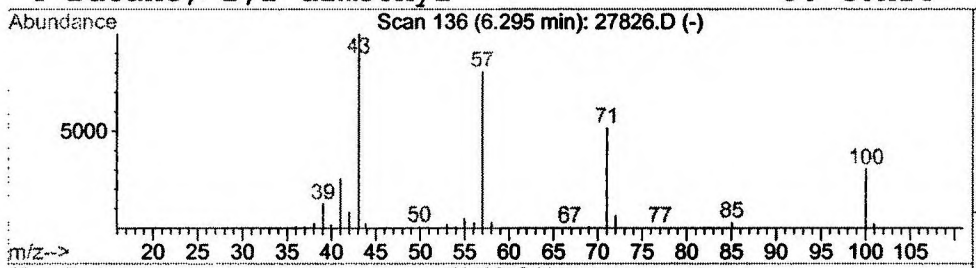
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

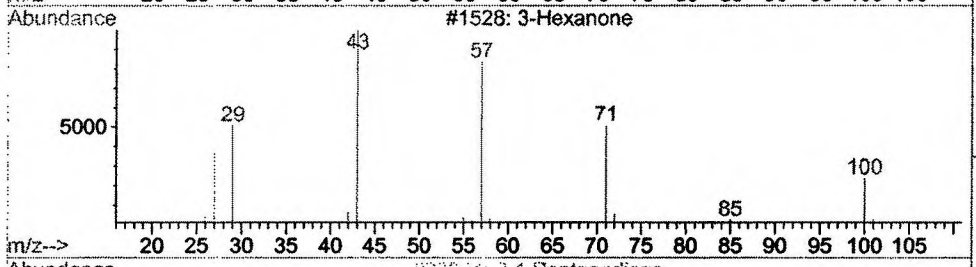
****

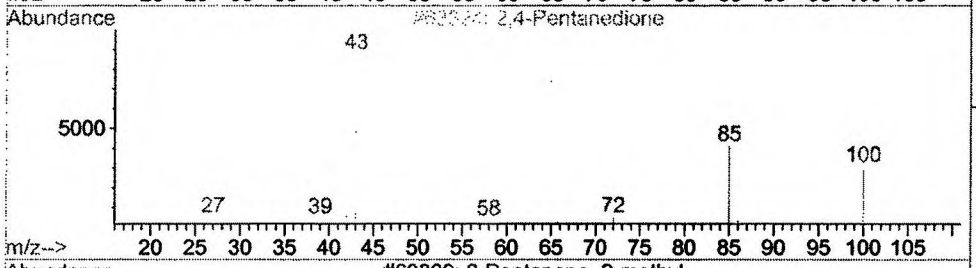
Peak Number 1 3-Hexanone Concentration Rank 2

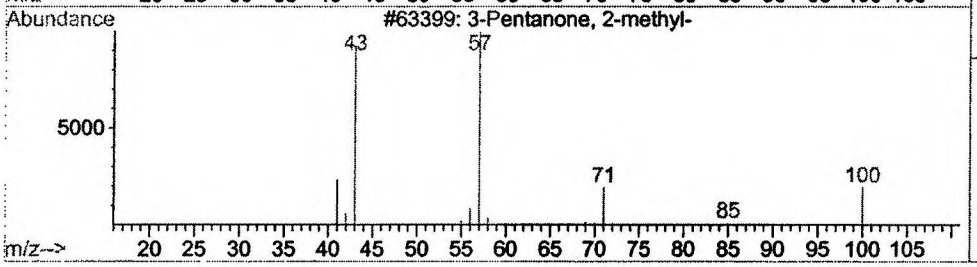
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.30	0.65 ug/l	215612	1,4-Dichlorobenzene-d4	11.67

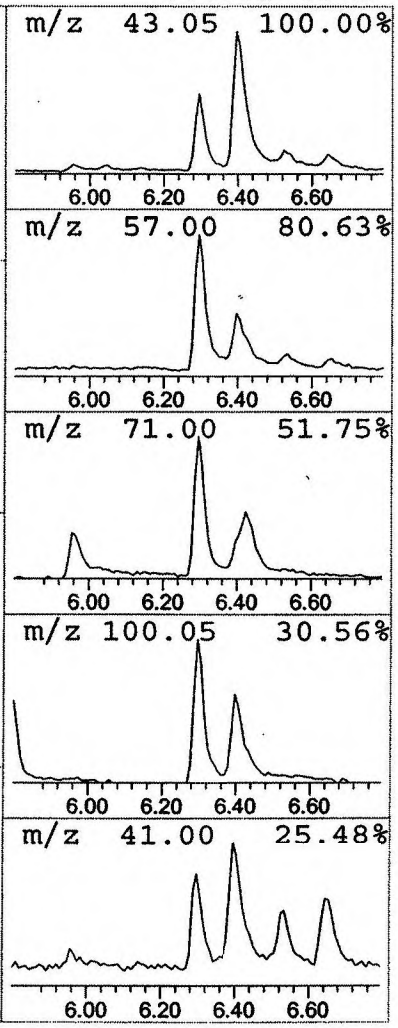
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	91
2	2,4-Pentanedione	100	C5H8O2	000123-54-6	38
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	38
4	Butane, 2,2-dimethyl-	86	C6H14	000075-83-2	36











Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27826.D
Acq On : 19 Dec 2001 9:31 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

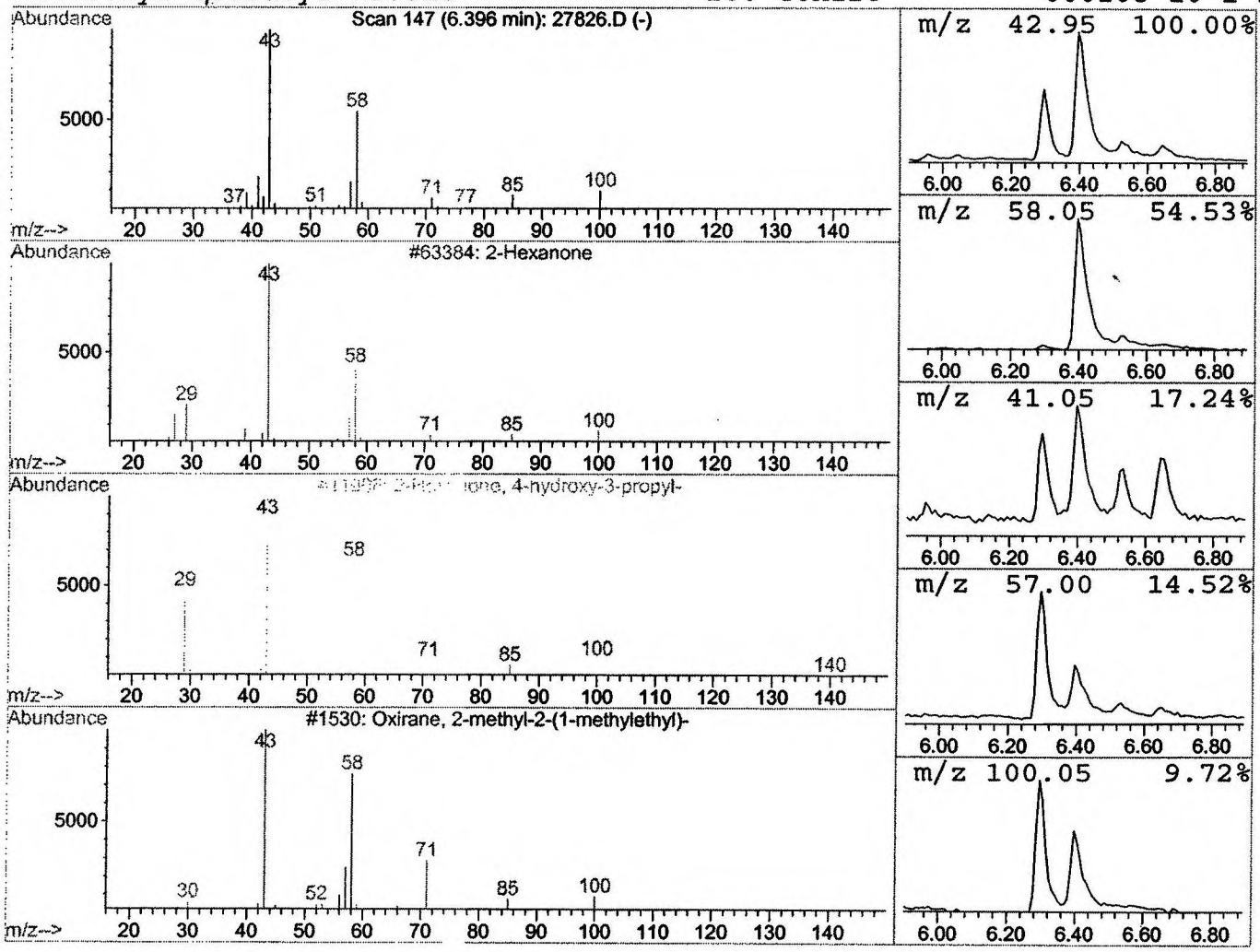
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.40	1.16 ug/l	388430	1,4-Dichlorobenzene-d4	11.67

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	72
3	Oxirane, 2-methyl-2-(1-methylethyl)	100	C6H12O	072221-03-5	64
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	58



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27826.D
Acq On : 19 Dec 2001 9:31 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

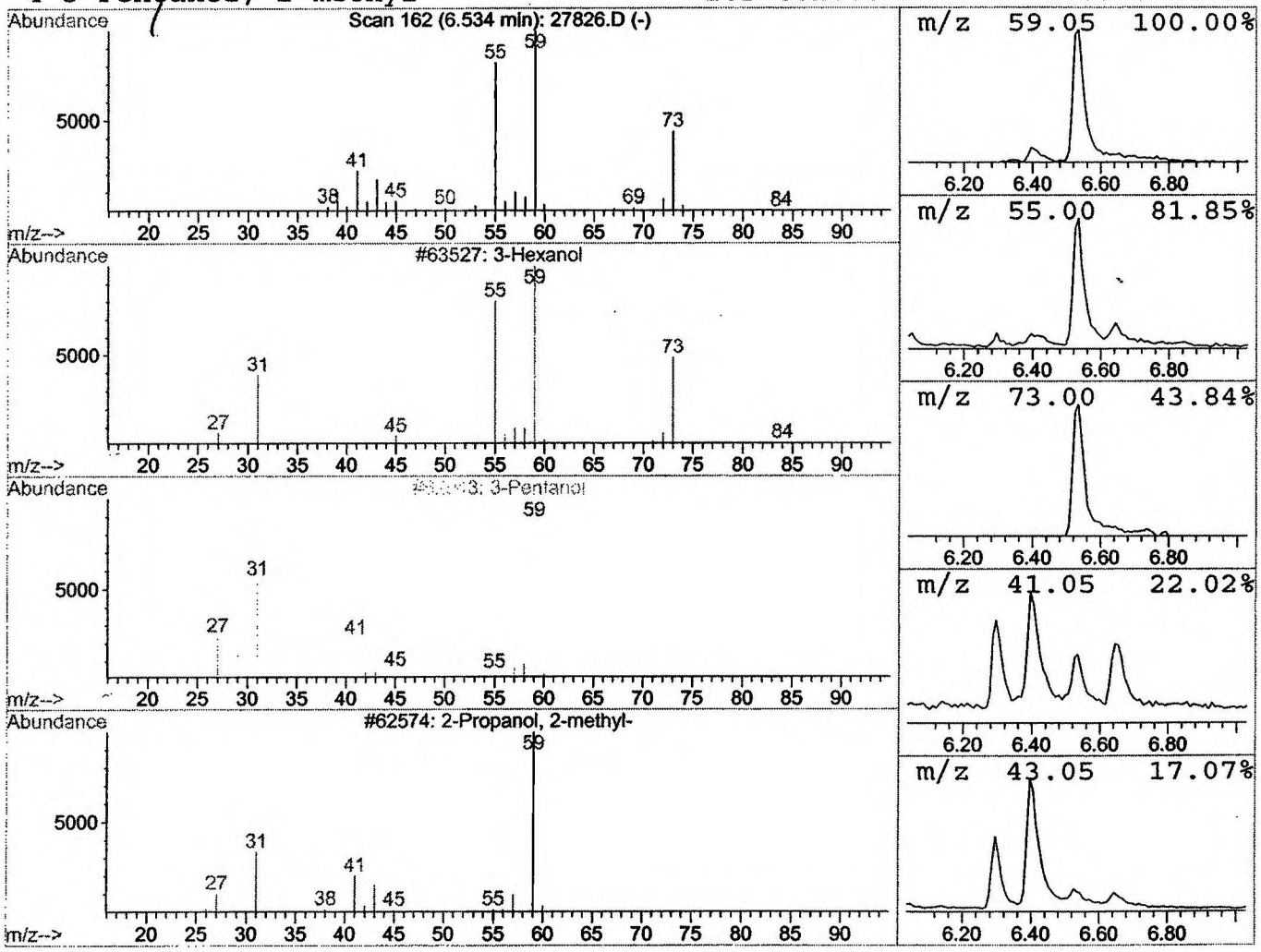
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	0.49 ug/l	164635	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	83
2	3-Pentanol	88	C5H12O	000584-02-1	45
3	2-Propanol, 2-methyl-	74	C4H10O	000075-65-0	42
4	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27826.D
Acq On : 19 Dec 2001 9:31 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 32
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

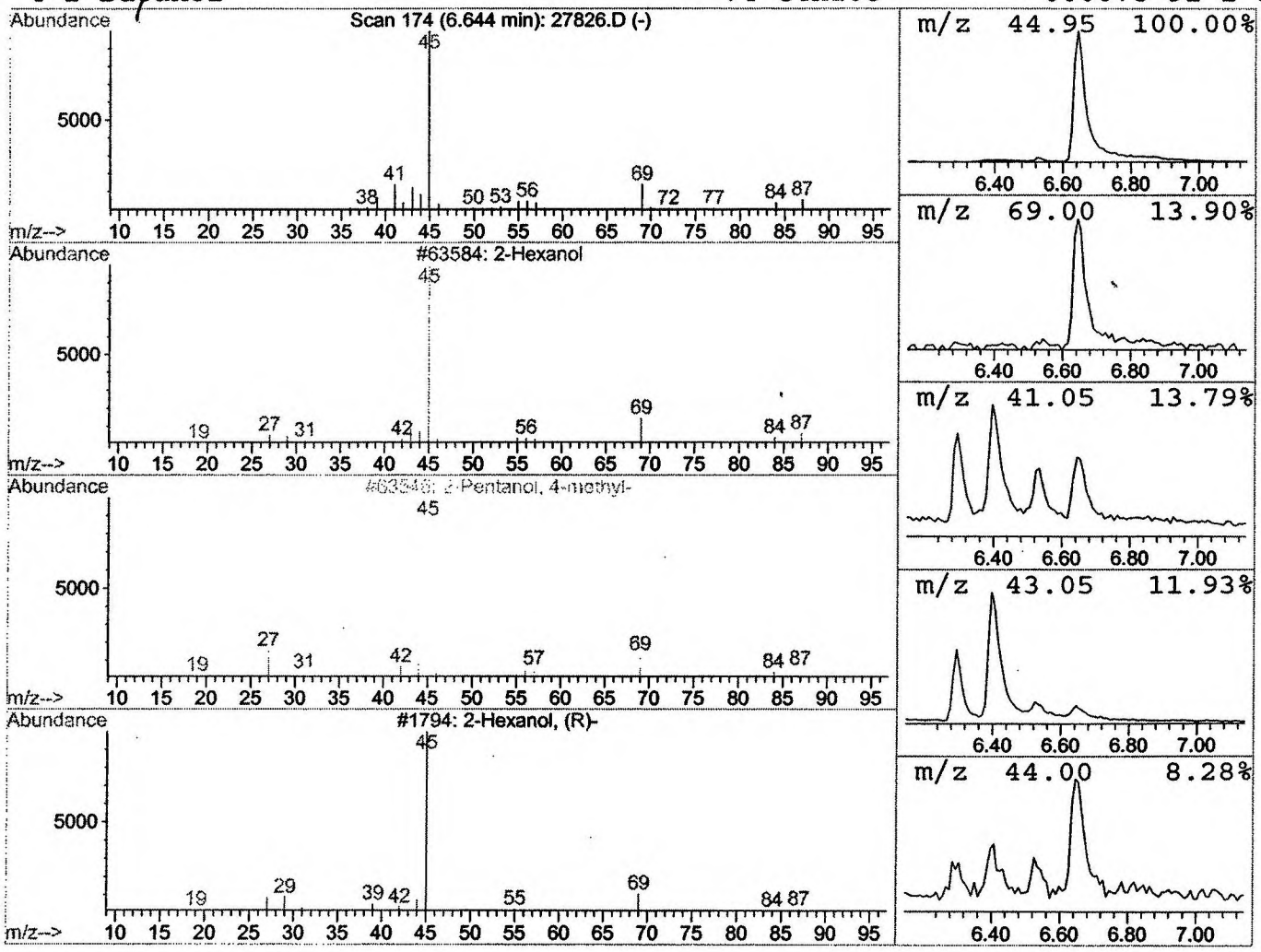
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Hexanol — Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	0.59 ug/l	198482	1,4-Dichlorobenzene-d4	11.67

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	78
3	2-Hexanol, (R)-	102	C6H14O	026549-24-6	64
4	2-Butanol	74	C4H10O	000078-92-2	50



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Dec 2001 9:31 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\27826.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	6.30	0.6	ug/l	215612	ISTD01	11.67	6680630	20.0
2-Hexanone	6.40	1.2	ug/l	388430	ISTD01	11.67	6680630	20.0
3-Hexanol	6.53	0.5	ug/l	164635	ISTD01	11.67	6680630	20.0
2-Hexanol	6.64	0.6	ug/l	198482	ISTD01	11.67	6680630	20.0

27826.D GCMS1126.M Thu Jan 03 11:16:29 2002