User: Galos, Marie
Westchester Dept. of Labs & Research
Date: 01/03/2002 Time: 10:07:04

Sample: AD27818
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/3/02 10:03 Ended: 1/3/02 10:03 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 AD27818 - Analysis $GCMS

Vestchester Dept. of Labs & Research
lser: Galos, Marie
)ate: 01-03-2002 Time: 10:07:14

. 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\27818.D Vial: 29
Acq On : 19 Dec 2001 6:34 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 19:23 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	1049897	20.00	ug/l	-0.04
10) Naphthalene-d8	15.28	136	4065995	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.56	164	2005687	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	3066236	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1969984	20.00	ug/l	-0.02
44) Perylene-d12	37.11	264	1304000	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	15.33	128	323	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	21.00	165	204	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\27818.D Vial: 29
Acq On : 19 Dec 2001 6:34 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 19:23 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

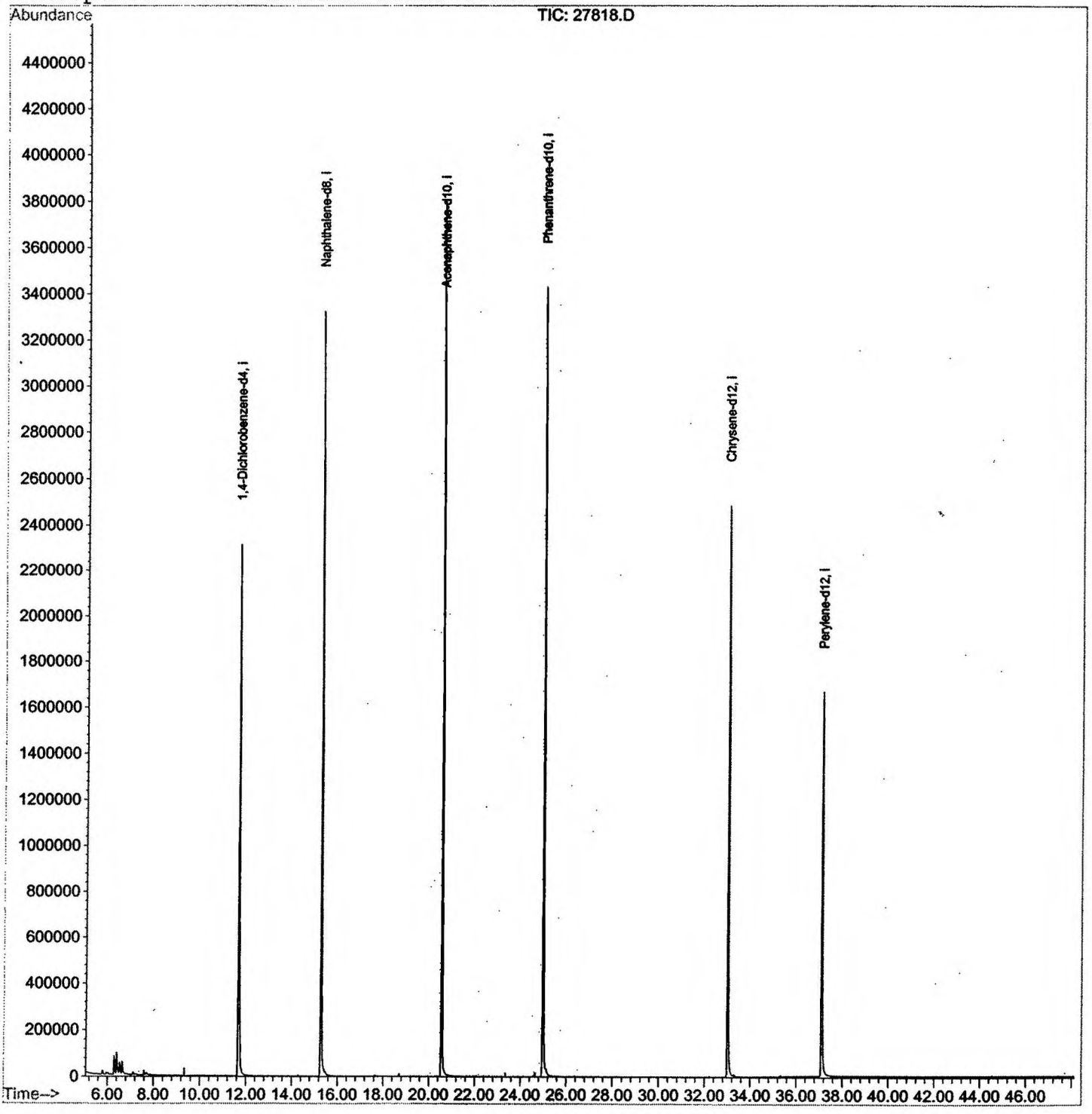
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	24.97	178	1180	N.D.	
34)	Anthracene	24.97	178	1180	N.D.	
35)	Di-n-butylphthalate	27.02	149	2423	N.D.	
36)	Fluoranthene	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	4838	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.30	149	5829	N.D.	
43)	Chrysene	33.02	228	4838	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	4912	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\27818.D Vial: 29
Acq On : 19 Dec 2001 6:34 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 19:23 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\27818.D Vial: 29
Acq On : 19 Dec 2001 6:34 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

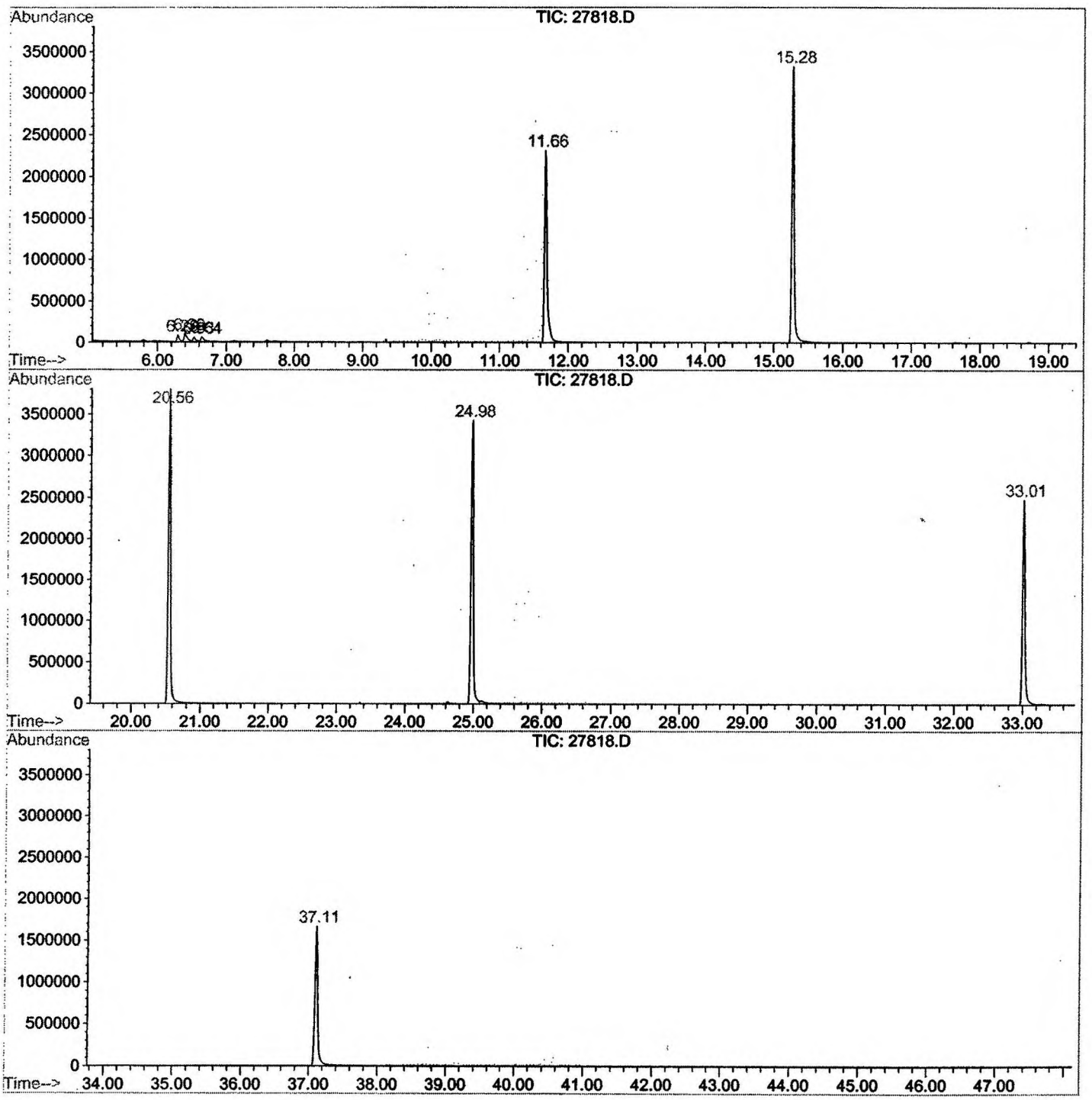
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.290	132	136	144	rBV	78999	170004	2.00%	0.402%
2	6.391	144	147	158	rVV2	95002	294297	3.47%	0.697%
3	6.529	158	162	171	rVV	50826	137702	1.62%	0.326%
4	6.639	171	174	189	rVB	53033	155507	1.83%	0.368%
5	11.660	716	721	757	rBV	2312488	6074603	71.53%	14.378%
6	15.277	1109	1115	1134	rBV	3322735	7870601	92.68%	18.628%
7	20.556	1683	1690	1714	rBV	3806349	8492255	100.00%	20.100%
8	24.981	2165	2172	2184	rBV2	3427723	8090497	95.27%	19.149%
9	33.014	3040	3047	3069	rBV2	2481641	6210020	73.13%	14.698%
10	37.108	3485	3493	3518	rBV	1661108	4755151	55.99%	11.255%

Sum of corrected areas: 42250637

27818.D GCMS1126.M Wed Jan 02 12:05:52 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1901\27818.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 6:34 pm using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gc/msunknown 11/19
Misc Info :
Vial Number: 29
Quant File :GCMS1126.RES (RTE Integrator)



27818.D GCMS1126.M Wed Jan 02 12:05:57 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27818.D
Acq On : 19 Dec 2001 6:34 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst. : GC/MS 209
Multiplr: 1.00

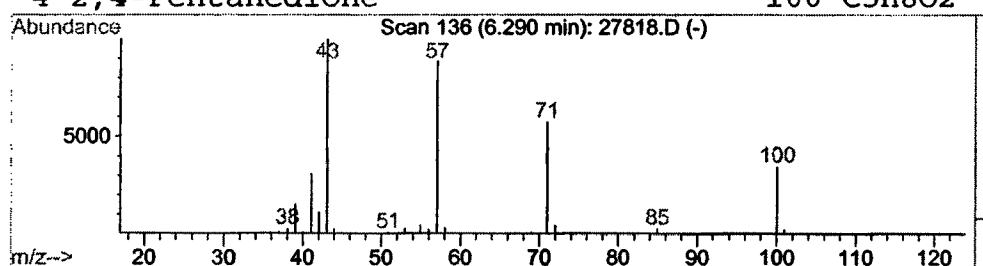
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

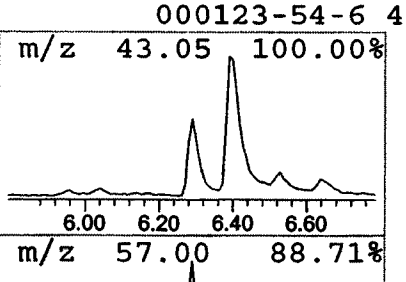
****

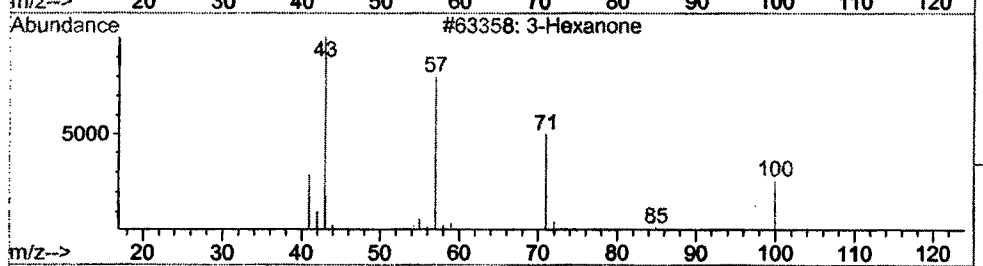
Peak Number 1 3-Hexanone Concentration Rank 2

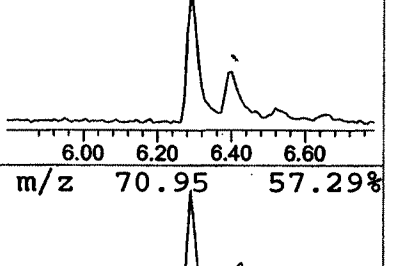
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.29	0.56 ug/l	170004	1,4-Dichlorobenzene-d4	11.66

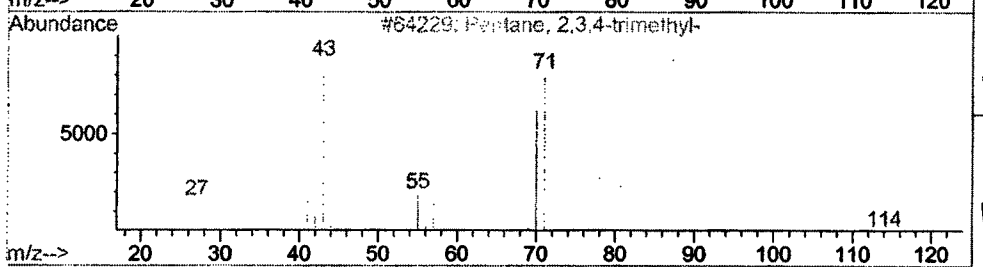
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone	100	C6H12O	000589-38-8	87
2	Pentane, 2,3,4-trimethyl-	114	C8H18	000565-75-3	50
3	3-Pentanone, 2-methyl-	100	C6H12O	000565-69-5	43
4	2,4-Pentanedione	100	C5H8O2	000123-54-6	43

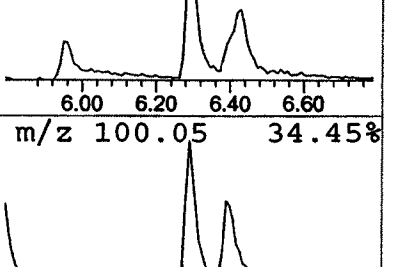


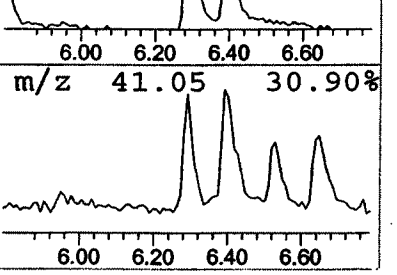


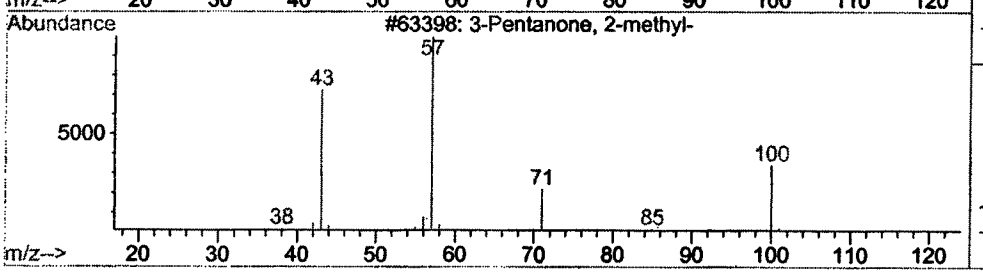












Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27818.D
Acq On : 19 Dec 2001 6:34 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst. : GC/MS 209
Multiplr: 1.00

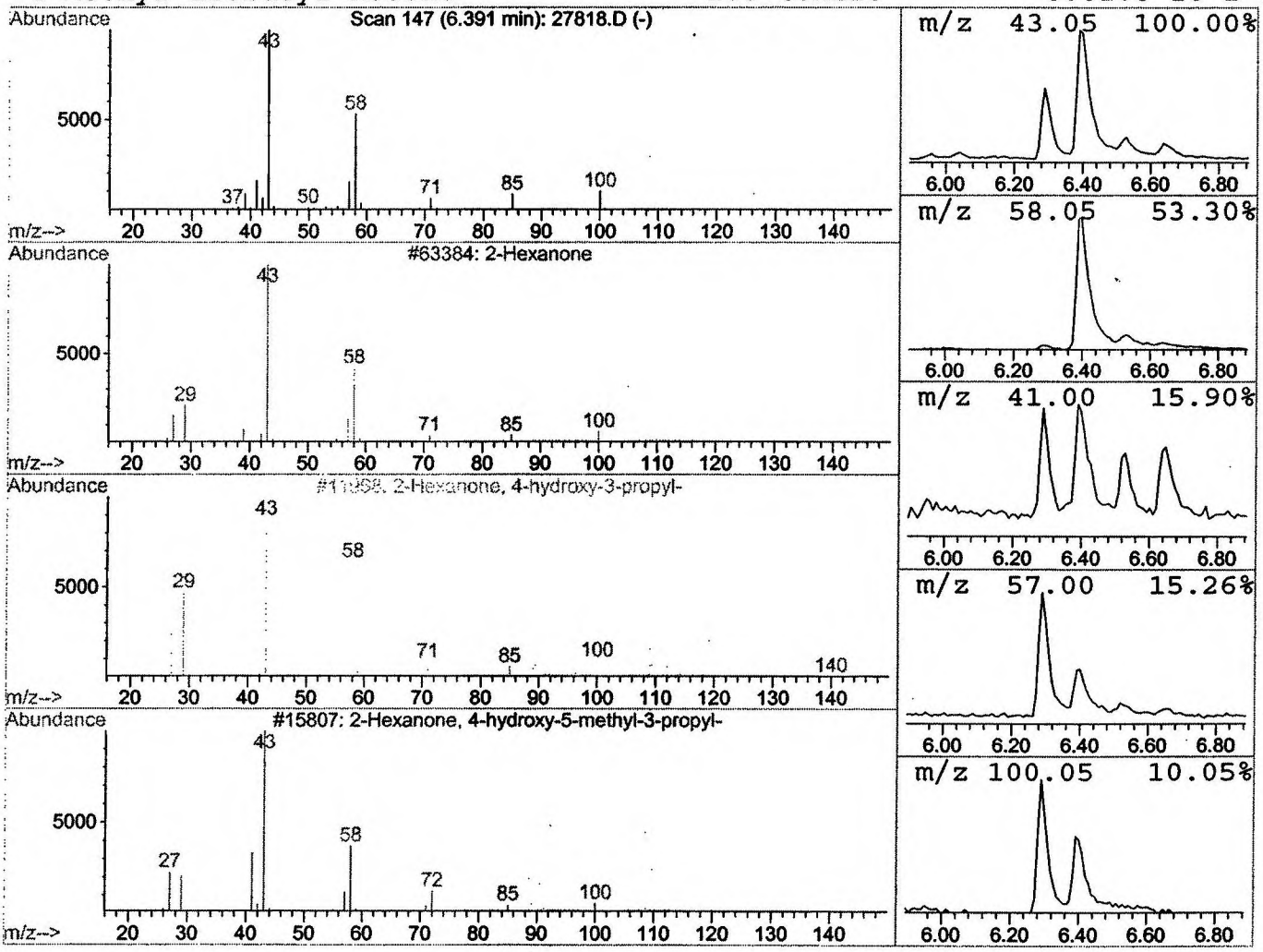
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Hexanone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.39	0.97 ug/l	294297	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	83
4	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	64



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27818.D
Acq On : 19 Dec 2001 6:34 pm
Sample : gc/msunknown 11/19
Misc :
MS Integration Params: LSCINT.P

Vial: 29
Operator: 209 GALOS
Inst. : GC/MS 209
Multiplr: 1.00

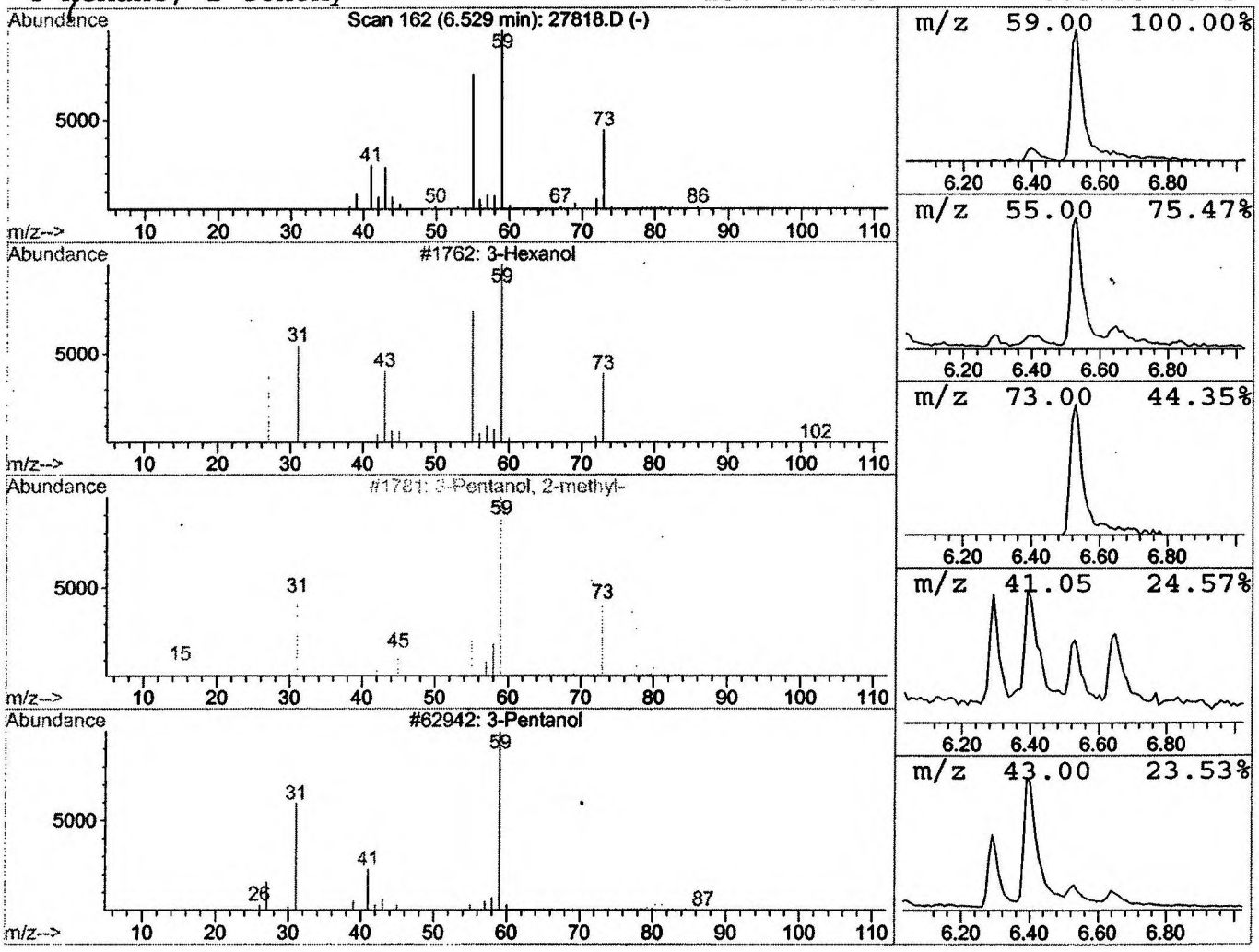
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 3-Hexanol — Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.53	0.45 ug/l	137702	1,4-Dichlorobenzene-d4	11.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanol	102	C6H14O	000623-37-0	74
2	3-Pentanol, 2-methyl-	102	C6H14O	000565-67-3	36
3	3-Pentanol	88	C5H12O	000584-02-1	33
4	Hexane, 1-ethoxy-	130	C8H18O	005756-43-4	33



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1901\27818.D Vial: 29
Acq On : 19 Dec 2001 6:34 pm Operator: 209 GALOS
Sample : gc/msunknown 11/19 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

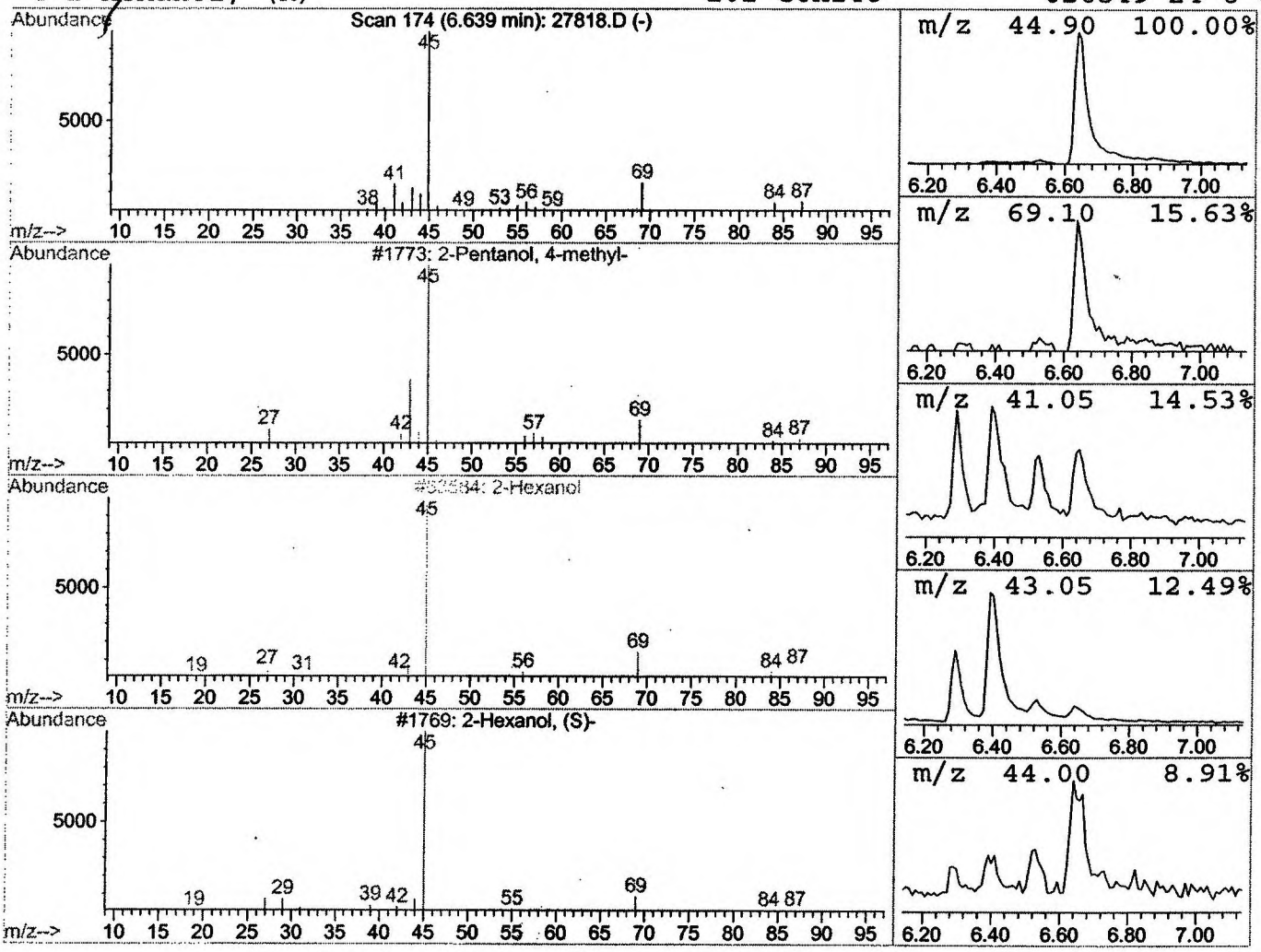
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Pentanol, 4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.64	0.51 ug/l	155507	1,4-Dichlorobenzene-d4	11.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanol, 4-methyl-	102	C6H14O	000108-11-2	78
2	2-Hexanol	102	C6H14O	000626-93-7	78
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 6:34 pm
Data File: C:\HPCHEM\1\DATA\DEC1901\27818.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	0.6	ug/l	170004	ISTD01	11.66	6074600	20.0
2-Hexanone	6.39	1.0	ug/l	294297	ISTD01	11.66	6074600	20.0
3-Hexanol	6.53	0.5	ug/l	137702	ISTD01	11.66	6074600	20.0
2-Pentanol, 4-methyl	6.64	0.5	ug/l	155507	ISTD01	11.66	6074600	20.0

27818.D GCMS1126.M Wed Jan 02 12:06:19 2002