User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 11:38:41

Sample: AD29791
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/9/02 12:33 Ended: 1/9/02 12:33 Analyst: DLV
Result source: manual entry
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		110		5.0

Analyzed
Clean

Comments for Sample AD29791 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-31-2002 Time: 11:39:36

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\DEC1401\29791A.D Vial: 47
Acq On : 16 Dec 2001 11:37 am Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:26 2002 Quant Results File: GCMS1126.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
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	874196	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3350564	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1662388	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2527374	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1638236	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1043624	20.00	ug/l	-0.01
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	145781	5.25	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 105.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.11	74	520	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	876	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	21.31	165	118	N.D.		
25) Diethylphthalate	22.09	149	767	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)

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Acq On : 16 Dec 2001 11:37 am Operator: 209 GALOS
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Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
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	25.04	178	133	N.D.	
34)	Anthracene	25.04	178	133	N.D.	
35)	Di-n-butylphthalate	27.00	149	4321	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	33.01	228	3570	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	6319	N.D.	
43)	Chrysene	33.01	228	3570	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	37.10	252	4069	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.	

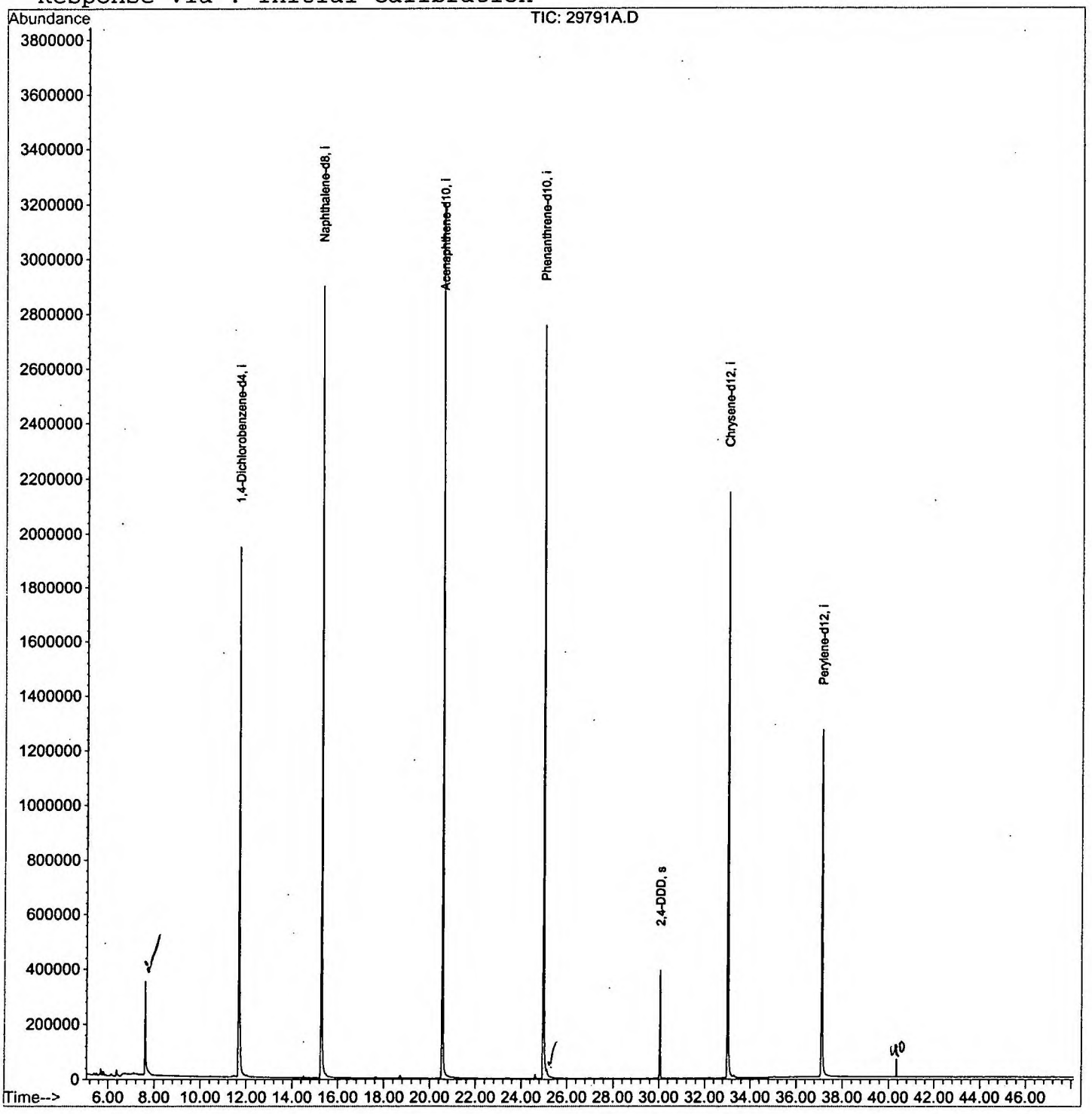
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29791A.D
Acq On : 16 Dec 2001 11:37 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:26 2002

Vial: 47
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00
Quant Results File: GCMS1126.RES

Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri Jan 25 15:57:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29791A.D Vial: 47
Acq On : 16 Dec 2001 11:37 am Operator: 209 GALOS
Sample : gcms scan 12/11 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

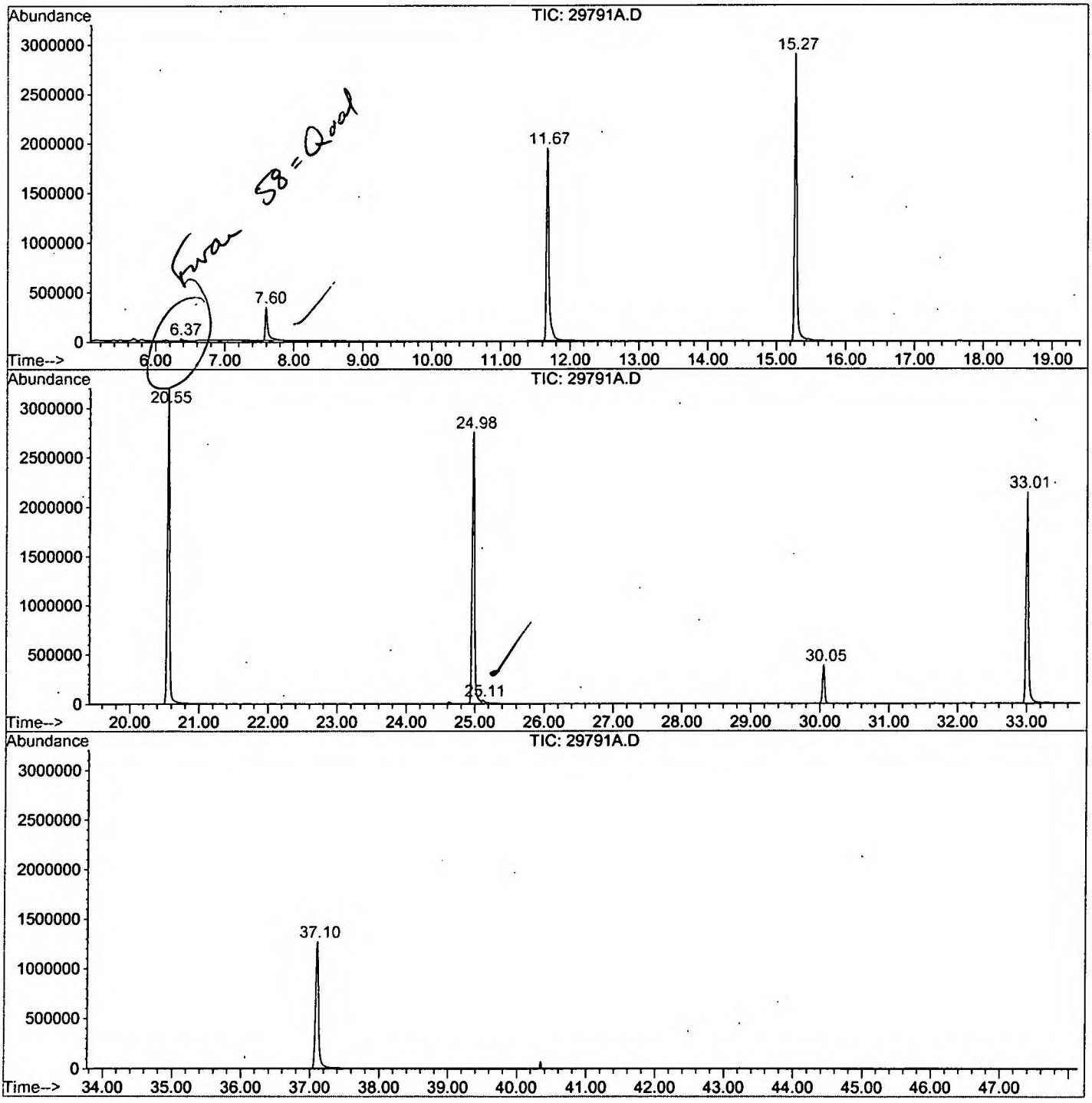
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.369	140	144	158	rBV2	23408	70382	1.01%	0.196%
2	7.599	274	278	302	rBV	336900	894750	12.81%	2.495%
3	11.666	717	721	747	rBV	1939758	4917320	70.43%	13.710%
4	15.274	1109	1114	1132	rBV	2895094	6425302	92.03%	17.914%
5	20.552	1683	1689	1706	rBV	3201087	6982105	100.00%	19.466%
6	24.977	2164	2171	2184	rBV2	2754635	6639035	95.09%	18.510%
7	25.115	2184	2186	2206	rVB2	31111	122984	1.76%	0.343%
8	30.054	2718	2724	2731	rBV	390872	836024	11.97%	2.331%
9	33.010	3039	3046	3065	rBV2	2145204	5154781	73.83%	14.372%
10	37.104	3484	3492	3517	rBV2	1264074	3824967	54.78%	10.664%

Sum of corrected areas: 35867650

29791A.D GCMS1126.M Wed Jan 30 11:49:10 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29791A.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 11:37 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 47
Quant File :GCMS1126.RES (RTE Integrator)



29791A.D GCMS1126.M Wed Jan 30 11:49:16 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29791A.D
Acq On : 16 Dec 2001 11:37 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 47
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

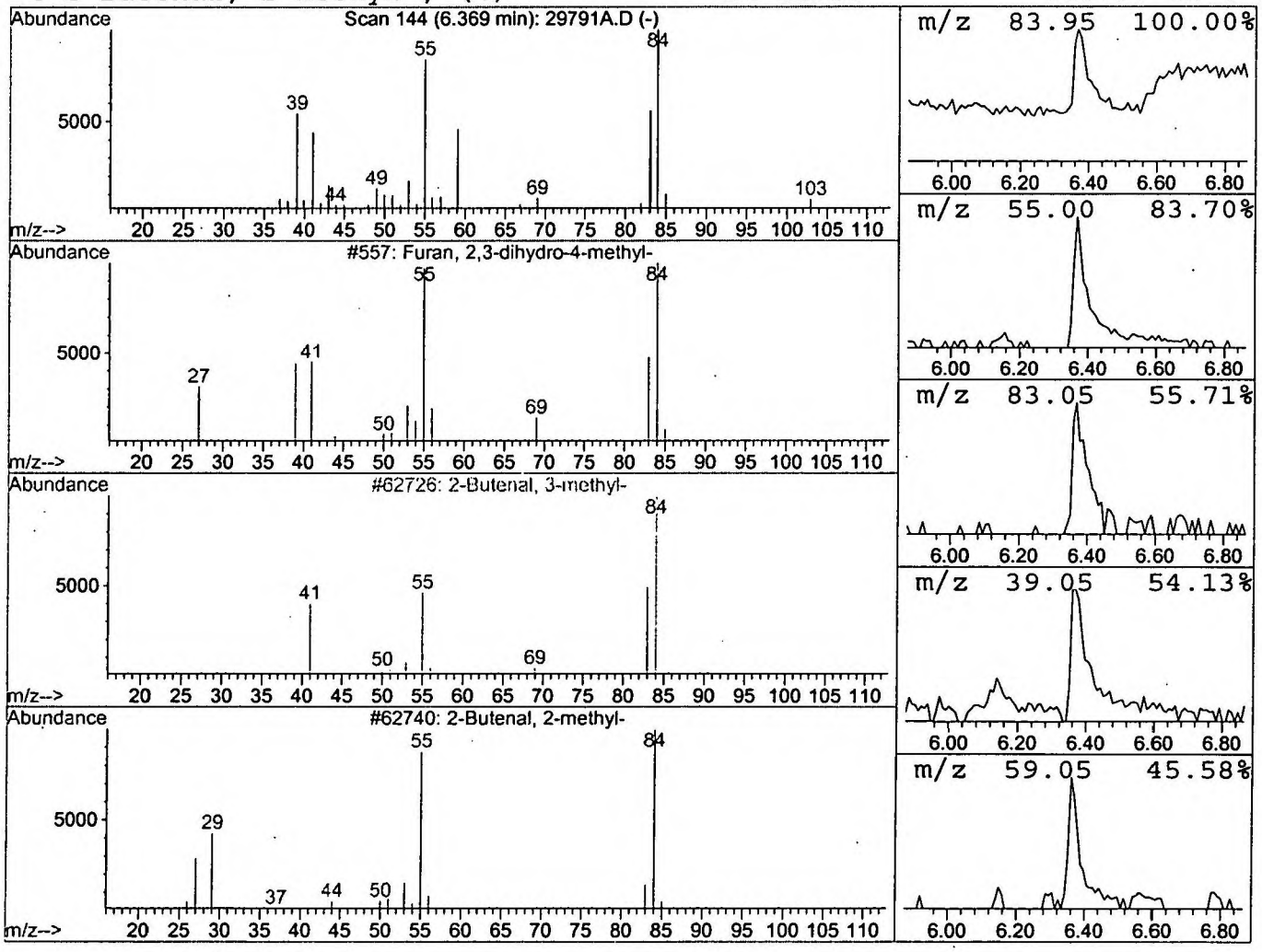
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Furan, 2,3-dihydro-4-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.37	0.29 ug/l	70382	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Furan, 2,3-dihydro-4-methyl-	84	C5H8O	034314-83-5	58
2	2-Butenal, 3-methyl-	84	C5H8O	000107-86-8	50
3	2-Butenal, 2-methyl-	84	C5H8O	001115-11-3	43
4	2-Butenal, 2-methyl-, (E)-	84	C5H8O	000497-03-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29791A.D Vial: 47
Acq On : 16 Dec 2001 11:37 am Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

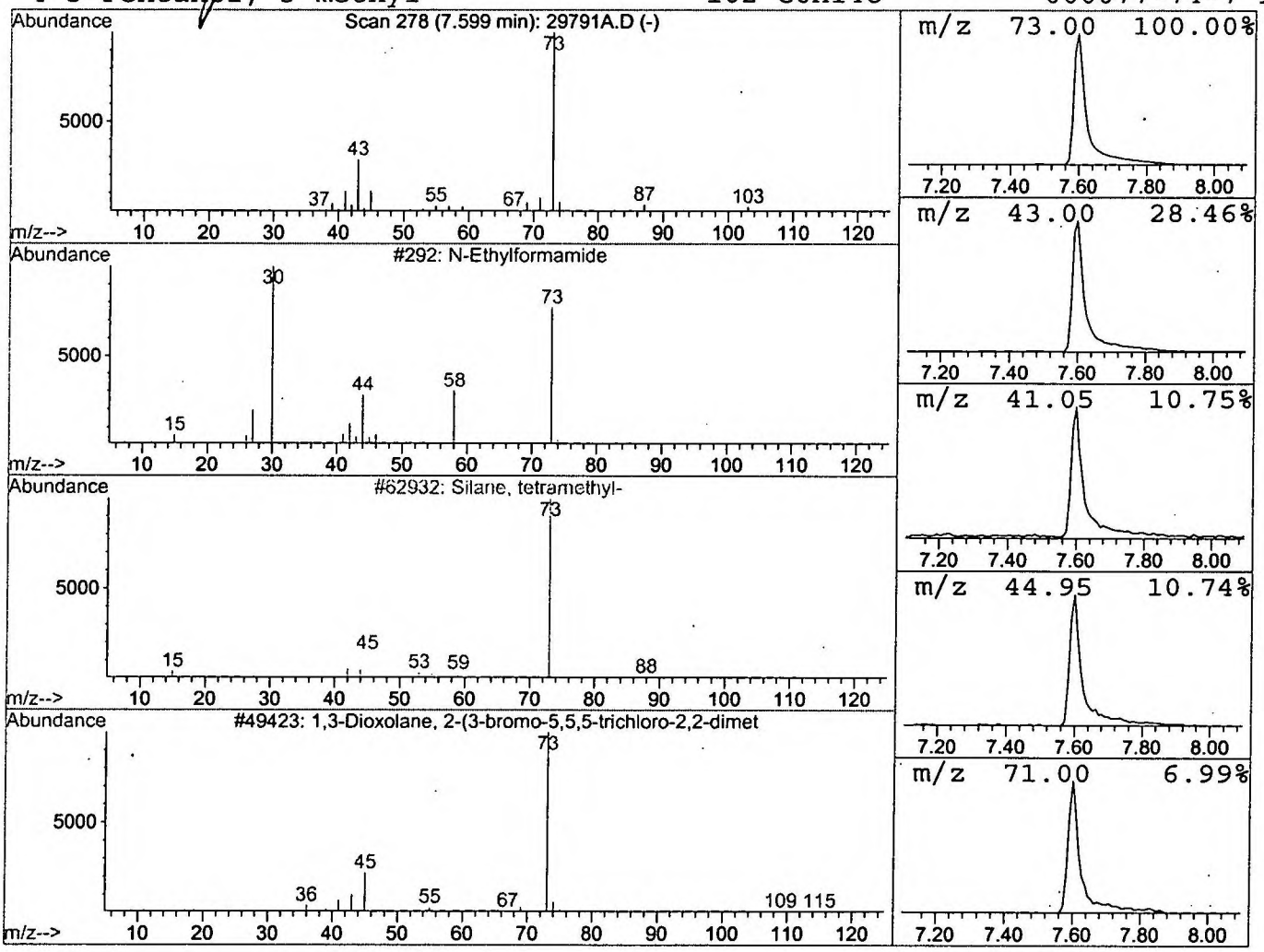
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.64 ug/l	894750	1,4-Dichlorobenzene-d4	11.68

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29791A.D
Acq On : 16 Dec 2001 11:37 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 47
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

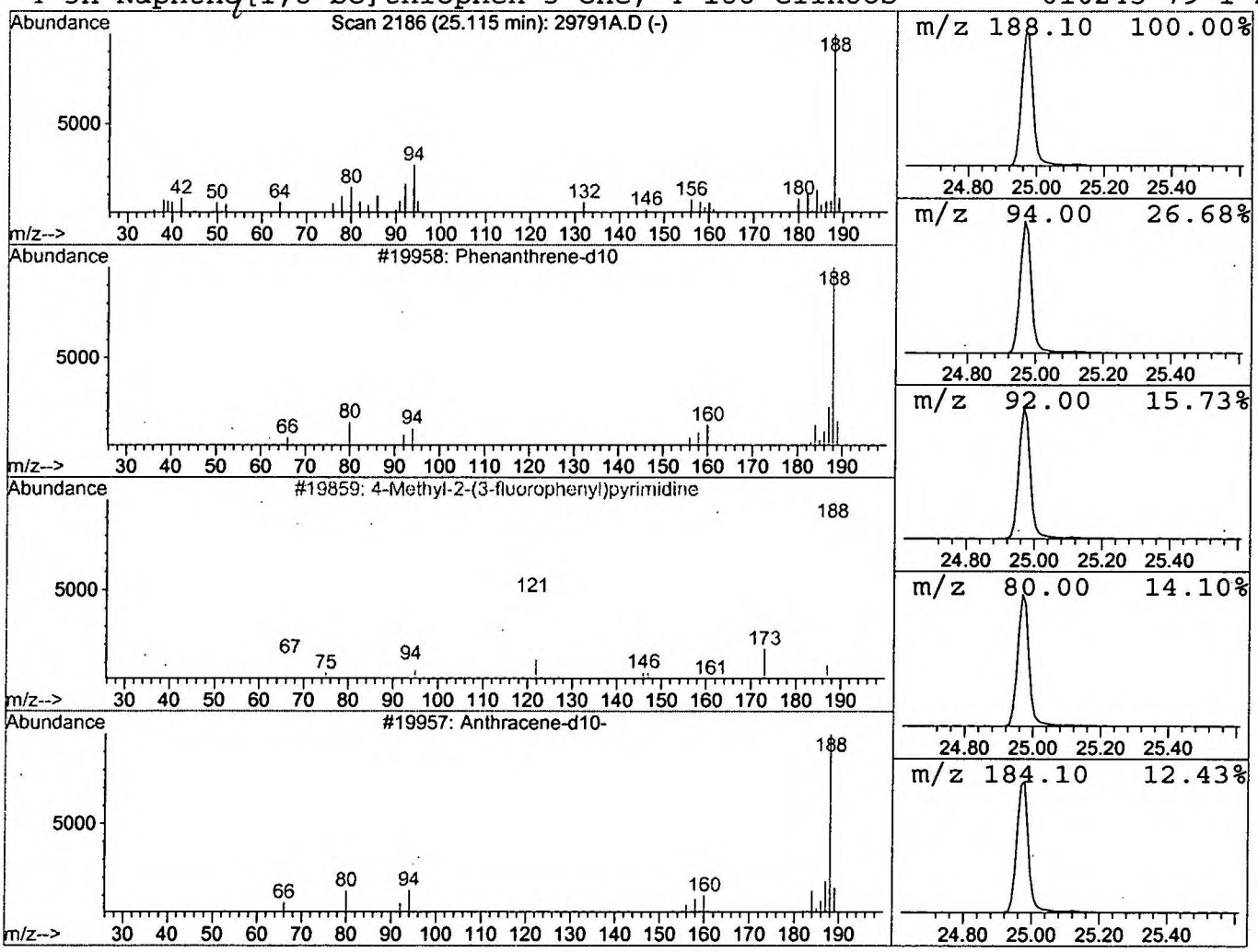
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.11	0.37 ug/l	122984	Phenanthrene-d10	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	45
2	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	43
3	Anthracene-d10-	188	C14D10	001719-06-8	25
4	3H-Naphtho[1,8-bc]thiophen-3-one, 4	188	C11H8OS	010245-79-1	23



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 11:37 am
Data File: C:\HPCHEM\1\DATA\DEC1401\29791A.D
Name: gcms scan 12/11
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
~~Furan, 2,3-dihydro-4~~	6.37	0.3	ug/l	70382	ISTD01	11.68	4917320	20.0
~~N-Ethylformamide~~	7.60	3.6	ug/l	894750	ISTD01	11.68	4917320	20.0
~~Phenanthrene-d10~~ ES	25.11	0.4	ug/l	122984	ISTD04	24.97	6639040	20.0

29791A.D GCMS1126.M Wed Jan 30 11:49:32 2002

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