User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/31/2002 Time: 11:20:37

Sample: AD29926
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/31/02 11:20 Ended: 1/31/02 11:20 Analyst: DLV
Page: 1

	Component Name	Vial	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		116		5.0

reanalyzed
clean

Comments for Sample AD29926 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-31-2002 Time: 11:21:32

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\29926.D Vial: 45
Acq On : 16 Dec 2001 9:40 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 10:21 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	885641	20.00	ug/l	-0.03
10) Naphthalene-d8	15.27	136	3415987	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1688288	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.97	188	2442224	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1518630	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	937844	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	156281	5.82	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 116.40%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.26	74	106	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	12.90	77	199	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	15.34	128	1561	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	847	N.D.		
25) Diethylphthalate	22.10	149	922	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\DEC1401\29926.D Vial: 45
Acq On : 16 Dec 2001 9:40 am Operator: 209 GALOS
Sample : gcms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: RTEINT.P
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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

	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	25.03	178	602	N.D.	
34)	Anthracene	25.03	178	602	N.D.	
35)	Di-n-butylphthalate	27.00	149	35787	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	3858	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	9787	N.D.	
43)	Chrysene	33.01	228	3858	N.D.	
45)	Di-n-Octylphthalate	35.02	149	198	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	3720	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.	

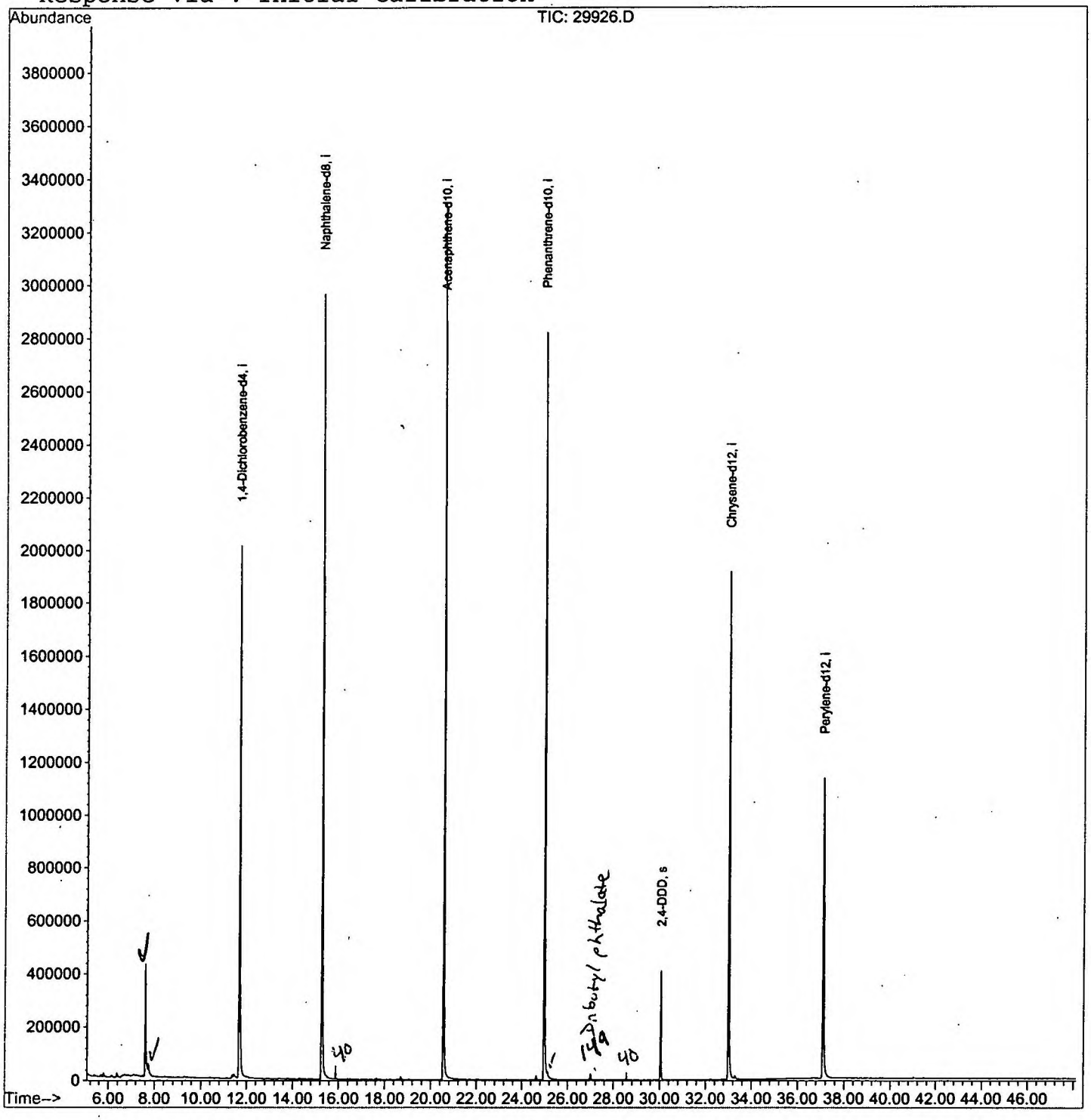
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29926.D
Acq On : 16 Dec 2001 9:40 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: RTEINT.P
Quant Time: Jan 30 10:21 2002

Vial: 45
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\29926.D Vial: 45
Acq On : 16 Dec 2001 9:40 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

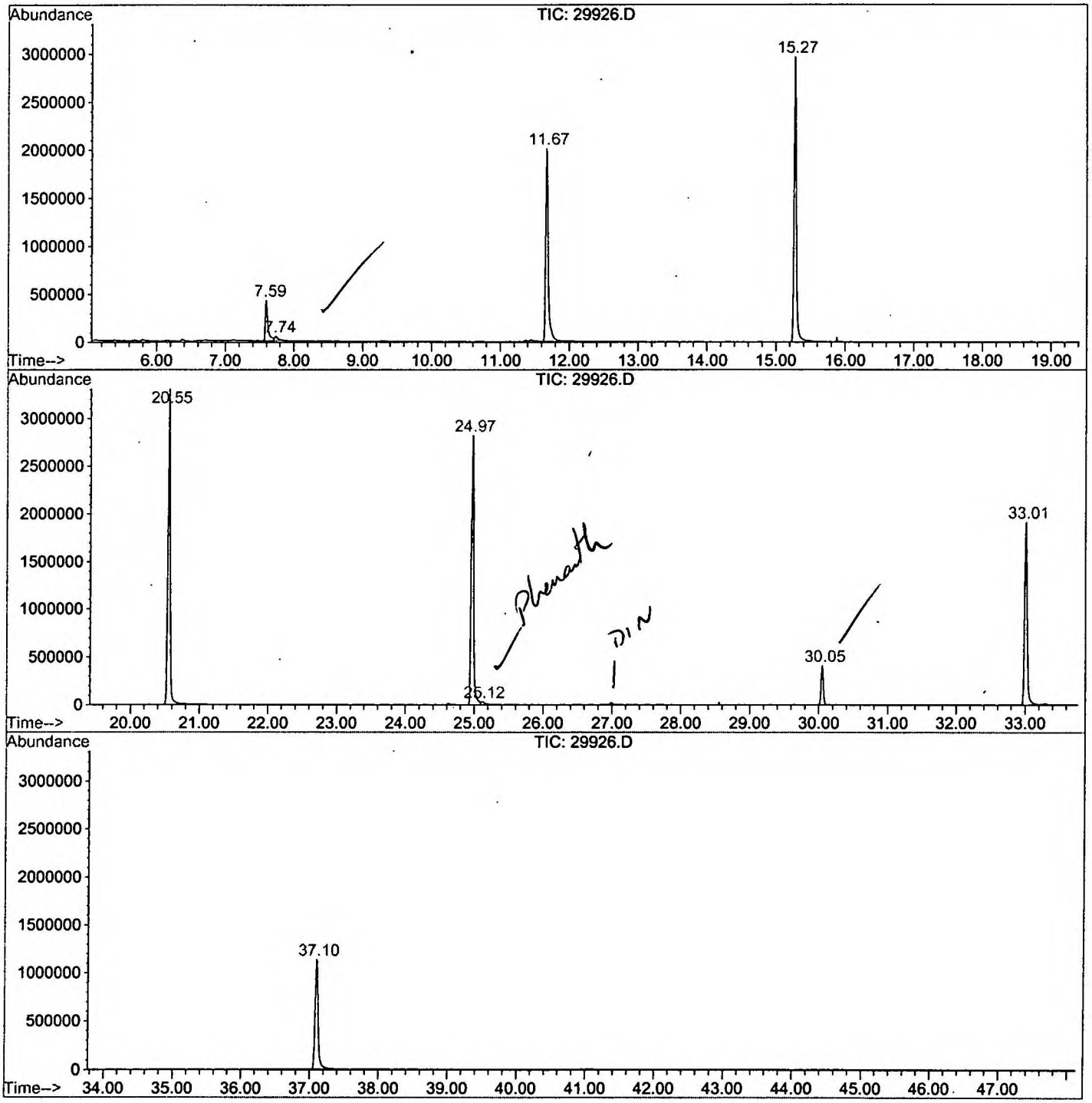
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.590	273	277	290	rBV	423902	1115490	15.74%	3.105%
2	7.737	290	293	308	rVB	46233	170792	2.41%	0.475%
3	11.666	716	721	753	rBV	2008699	5144863	72.61%	14.319%
4	15.274	1108	1114	1133	rBV	2962880	6567237	92.68%	18.278%
5	20.553	1683	1689	1713	rBV	3308325	7085869	100.00%	19.721%
6	24.968	2164	2170	2183	rBV2	2820389	6626480	93.52%	18.443%
7	25.115	2184	2186	2201	rVB2	27599	101366	1.43%	0.282%
8	30.054	2718	2724	2732	rBV	408294	888118	12.53%	2.472%
9	33.010	3039	3046	3066	rBV2	1913750	4797279	67.70%	13.352%
10	37.096	3484	3491	3518	rBV2	1129040	3432749	48.44%	9.554%

Sum of corrected areas: 35930243

29926.D GCMS1126.M Wed Jan 30 11:50:08 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1401\29926.D
Operator : 209 GALOS
Acquired : 16 Dec 2001 9:40 am using AcqMethod GCMS1126
Instrument : GC/MS 209
Sample Name: gcms scan 12/11
Misc Info :
Vial Number: 45
Quant File :GCMS1126.RES (RTE Integrator)



29926.D GCMS1126.M Wed Jan 30 11:50:14 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29926.D
Acq On : 16 Dec 2001 9:40 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 45
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

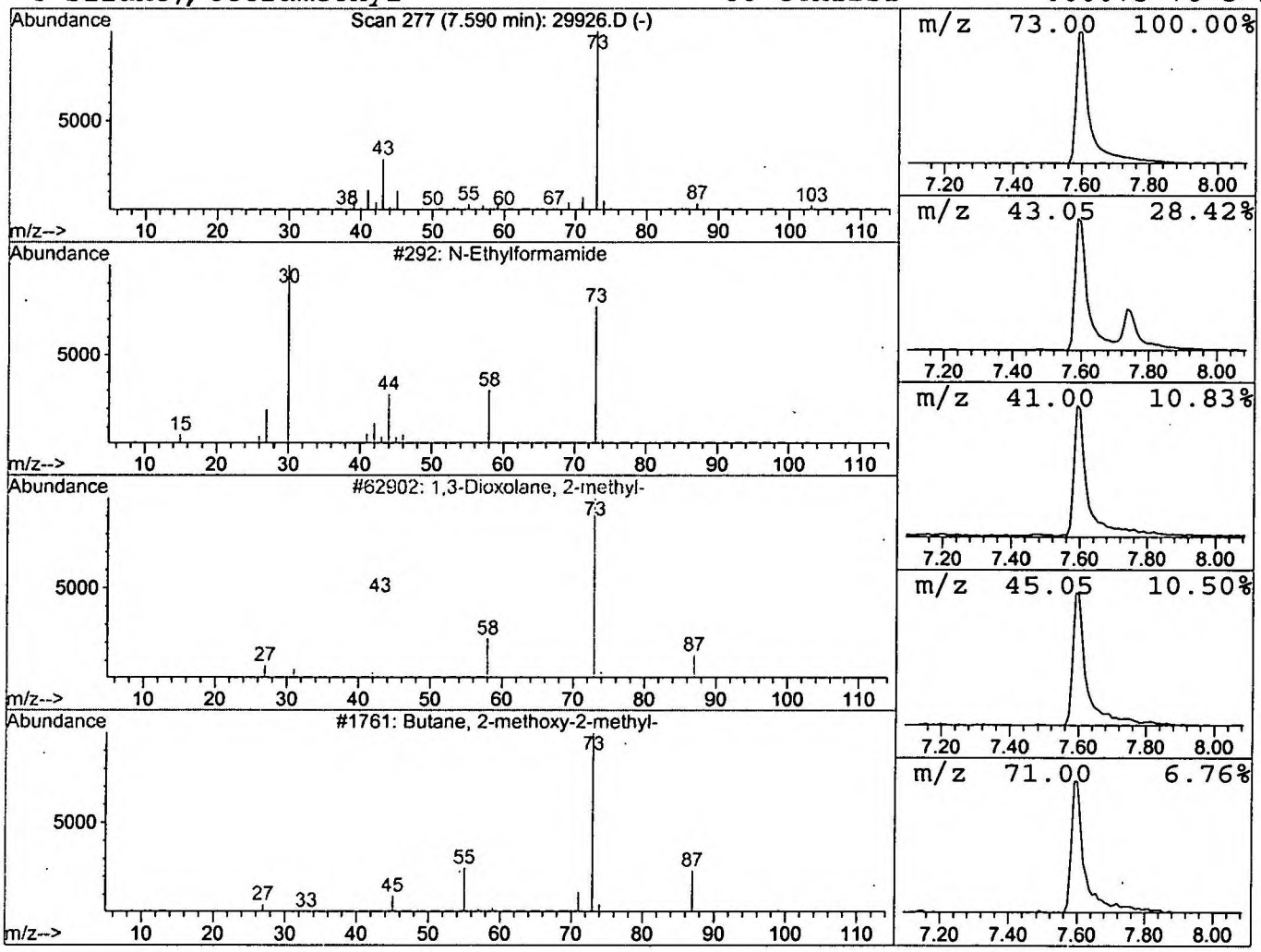
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.34 ug/l	1115490	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29926.D
Acq On : 16 Dec 2001 9:40 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 45
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

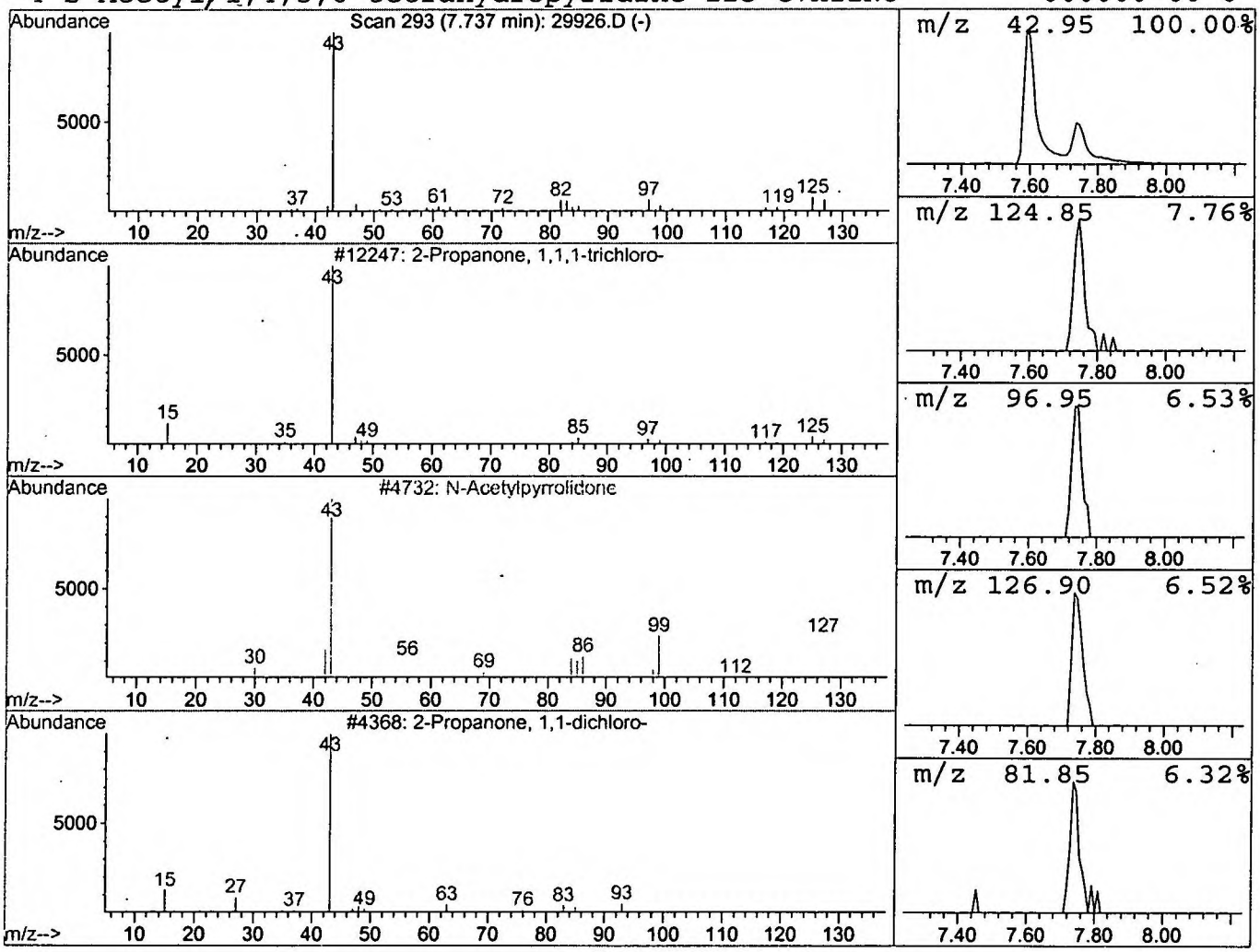
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.66 ug/l	170792	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	39
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
4	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29926.D
Acq On : 16 Dec 2001 9:40 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 45
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

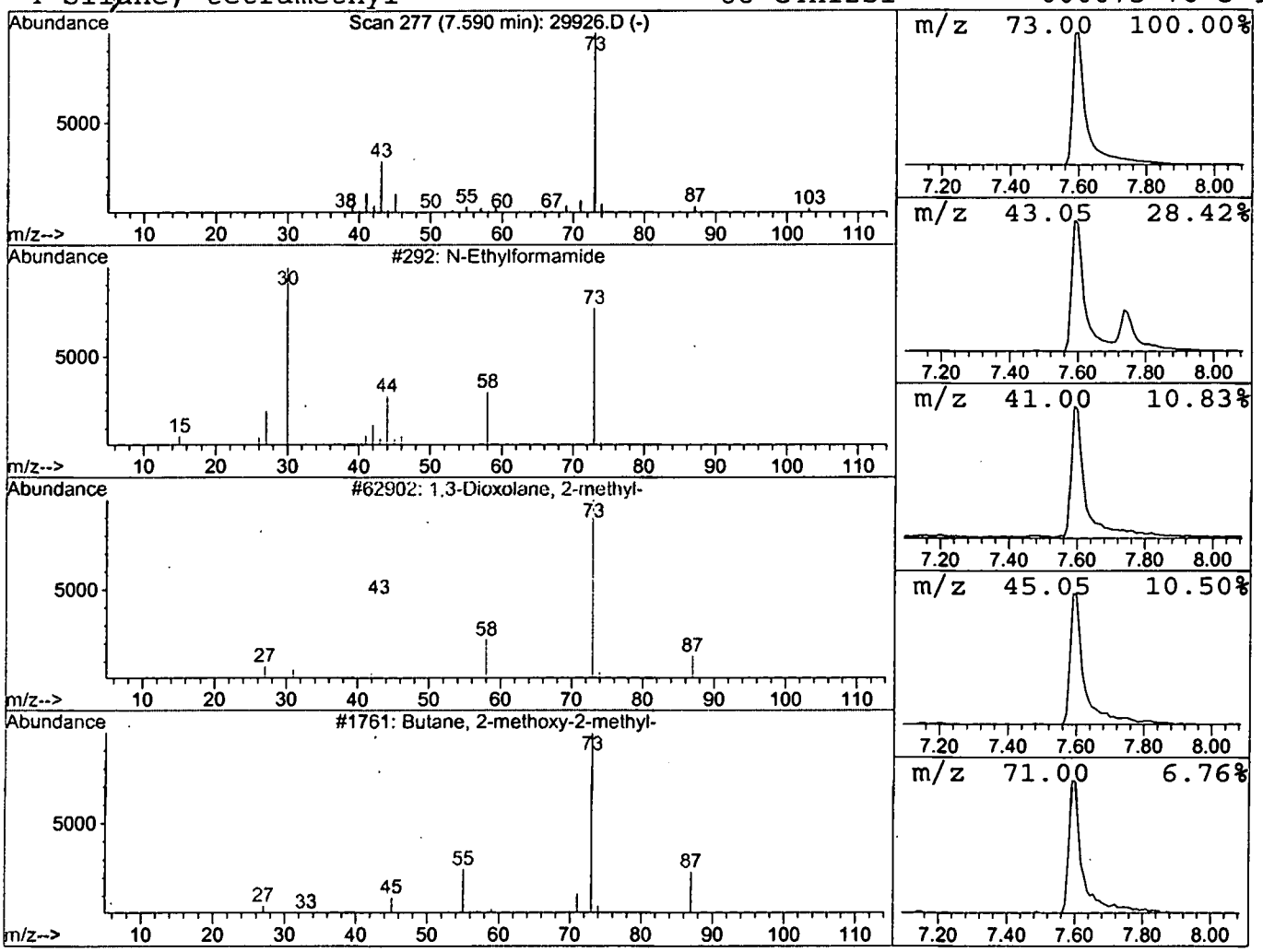
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.59	4.34 ug/l	1115490	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N-Ethylformamide	73	C3H7NO	000627-45-2	9
2	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29926.D
Acq On : 16 Dec 2001 9:40 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 45
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

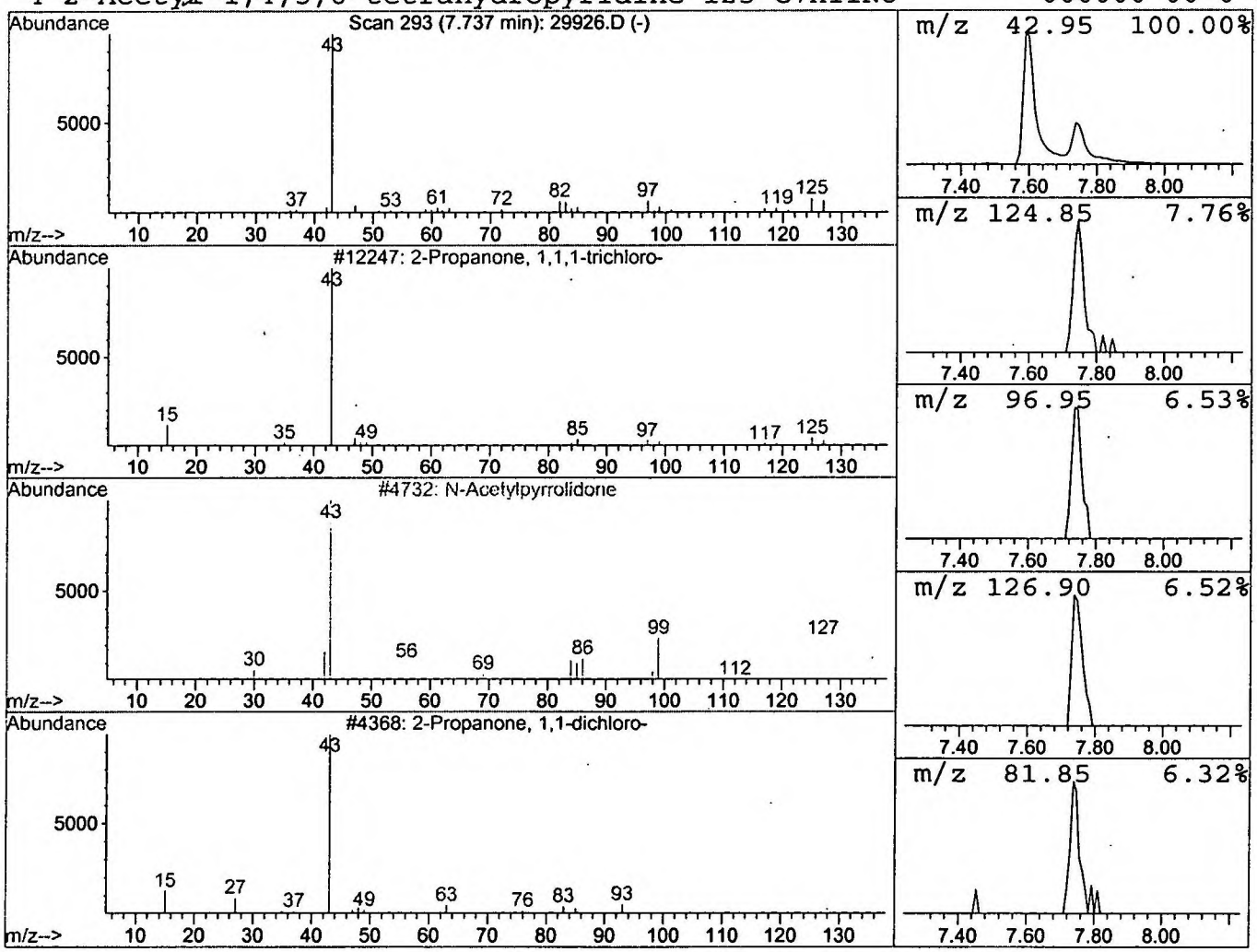
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.66 ug/l	170792	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	39
2	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	9
3	2-Propanone, 1,1-dichloro-	126	C3H4Cl2O	000513-88-2	9
4	2-Acetyl-1,4,5,6-tetrahydropyridine	125	C7H11NO	000000-00-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1401\29926.D
Acq On : 16 Dec 2001 9:40 am
Sample : gcms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 45
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

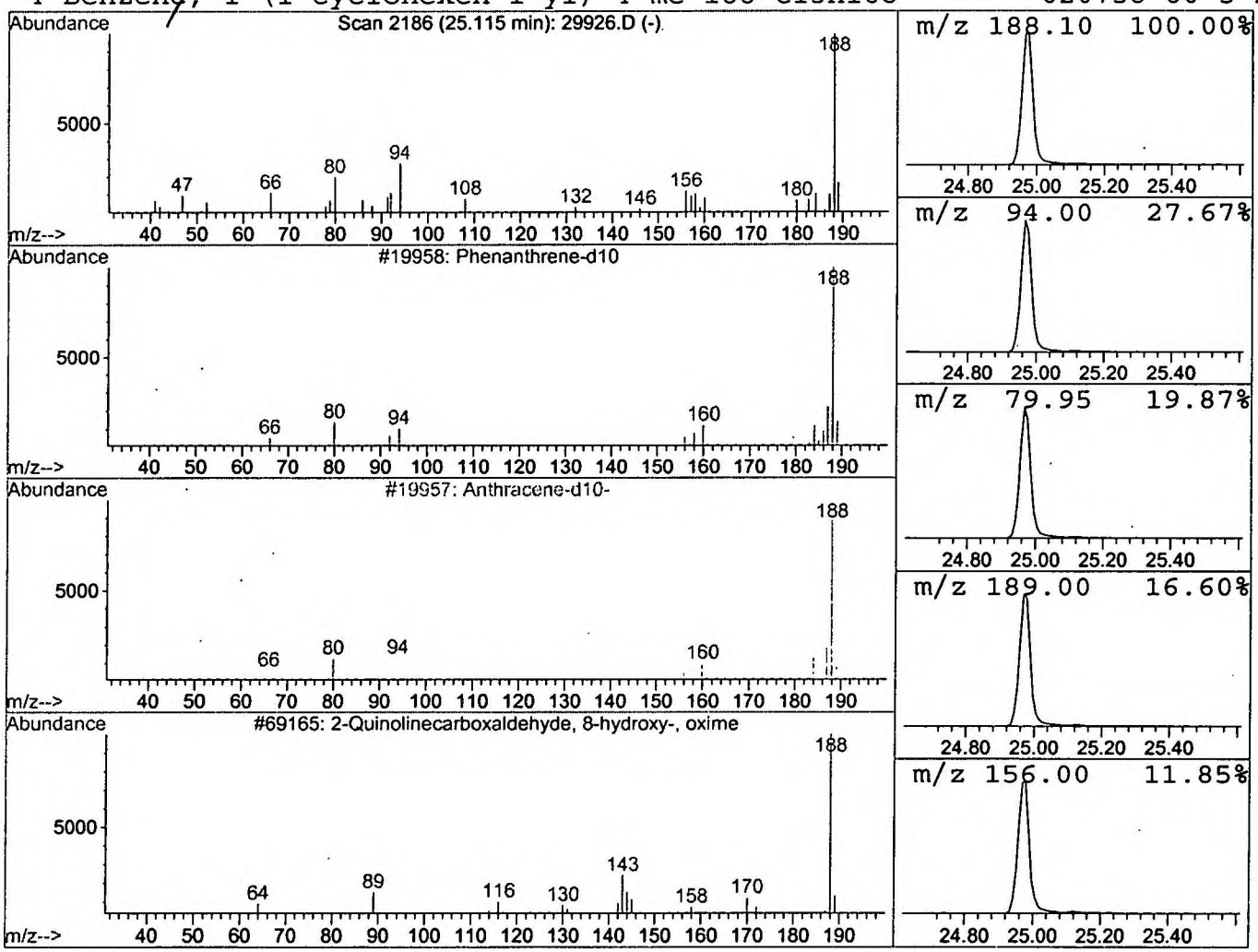
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.12	0.31 ug/l	101366	Phenanthrene-d10	24.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	53
2	Anthracene-d10-	188	C14D10	001719-06-8	50
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	38
4	Benzene, 1-(1-cyclohexen-1-yl)-4-me	188	C13H16O	020758-60-5	28



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 16 Dec 2001 9:40 am
Data File: C:\HPCHEM\1\DATA\DEC1401\29926.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
N-Ethylformamide	7.59	4.3	ug/l	1115490	ISTD01	11.67	5144860	20.0
2-Propanone, 1,1,1-t	7.74	0.7	ug/l	170792	ISTD01	11.67	5144860	20.0
~~Phenanthrene-d10~~ IS	25.12	0.3	ug/l	101366	ISTD04	24.97	6626480	20.0

29926.D GCMS1126.M Wed Jan 30 11:50:30 2002