User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 01/28/2002 Time: 13:59:25

Sample: AD30014
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 1/28/02 13:59 Ended: 1/28/02 13:59 Analyst: DLV
Page: 1

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

Comments for Sample AD30014 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 01-28-2002 Time: 13:59:48

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\DEC1801\30014.D Vial: 13
Acq On : 19 Dec 2001 3:48 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:03 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 Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.67	152	895393	20.00	ug/l	-0.02
10) Naphthalene-d8	15.27	136	3408075	20.00	ug/l	-0.03
17) Acenaphthene-d10	20.55	164	1702099	20.00	ug/l	-0.02
29) Phenanthrene-d10	24.98	188	2459378	20.00	ug/l	-0.02
38) Chrysene-d12	33.01	240	1636278	20.00	ug/l	-0.02
44) Perylene-d12	37.10	264	1068769	20.00	ug/l	-0.02
System Monitoring Compounds						
37) 2,4-DDD	30.05	235	148747	5.50	ug/mL	-0.02
Spiked Amount 5.000			Recovery = 110.00%			
Target Compounds						Qvalue
2) N-nitroso-dimethyl amine	5.28	74	333	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	15.34	128	3726	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	293	N.D.		
25) Diethylphthalate	22.09	149	762	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 : 19 Dec 2001 3:48 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:03 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 Dec 28 15:11:00 2001
Response via : Initial Calibration
DataAcq Meth : NP091101

	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	1926	N.D.	
34)	Anthracene	25.04	178	1926	N.D.	
35)	Di-n-butylphthalate	27.01	149	7666	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	3779	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.29	149	4804	N.D.	
43)	Chrysene	33.02	228	3779	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	4325	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.	

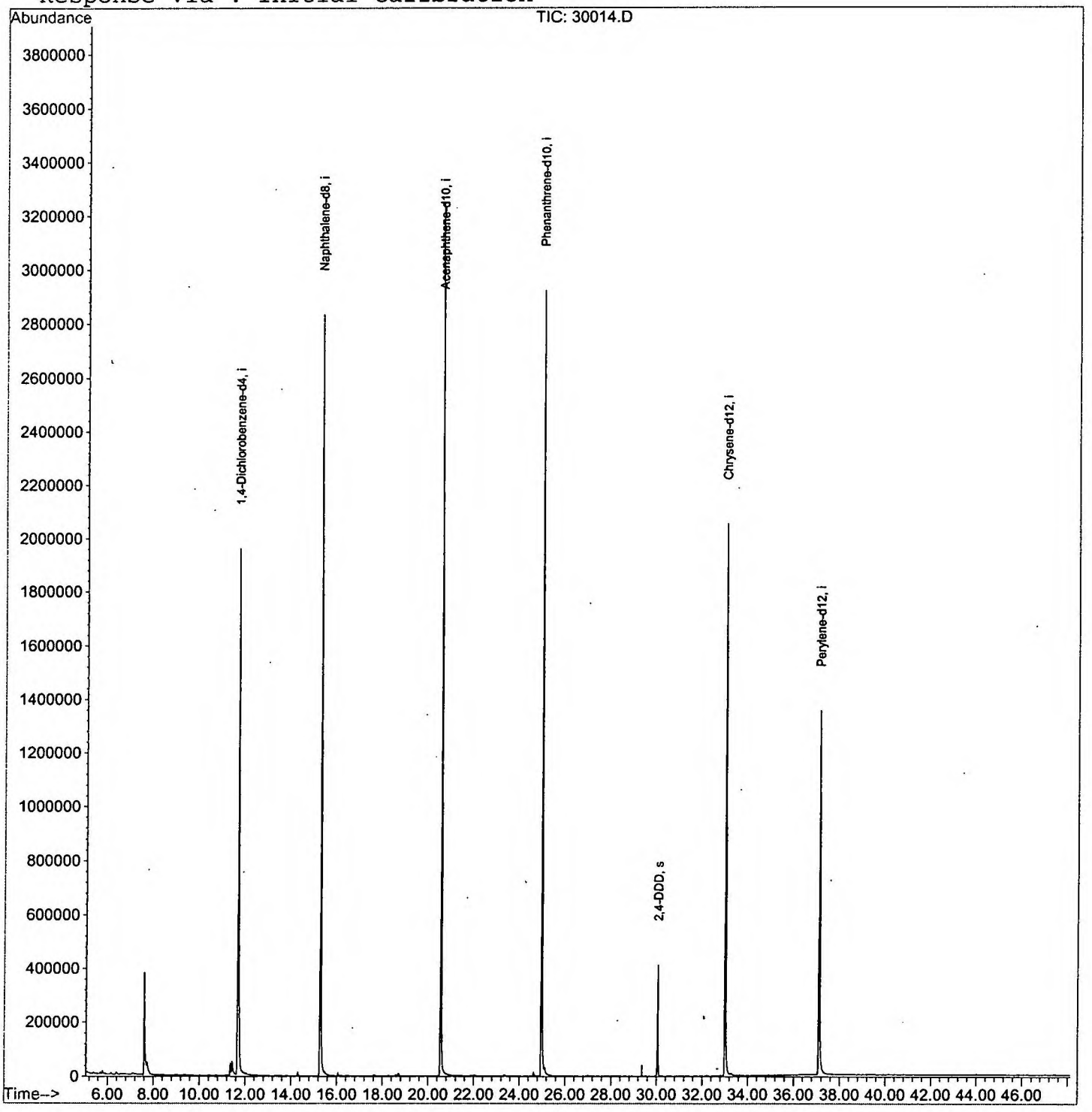
(#) = qualifier out of range (m) = manual integration

Quantitation Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30014.D
Acq On : 19 Dec 2001 3:48 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: GOOFY.P
Quant Time: Jan 15 11:03 2002

Vial: 13
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 Dec 28 15:11:00 2001
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30014.D Vial: 13
Acq On : 19 Dec 2001 3:48 am Operator: 209 GALOS
Sample : gc/ms 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

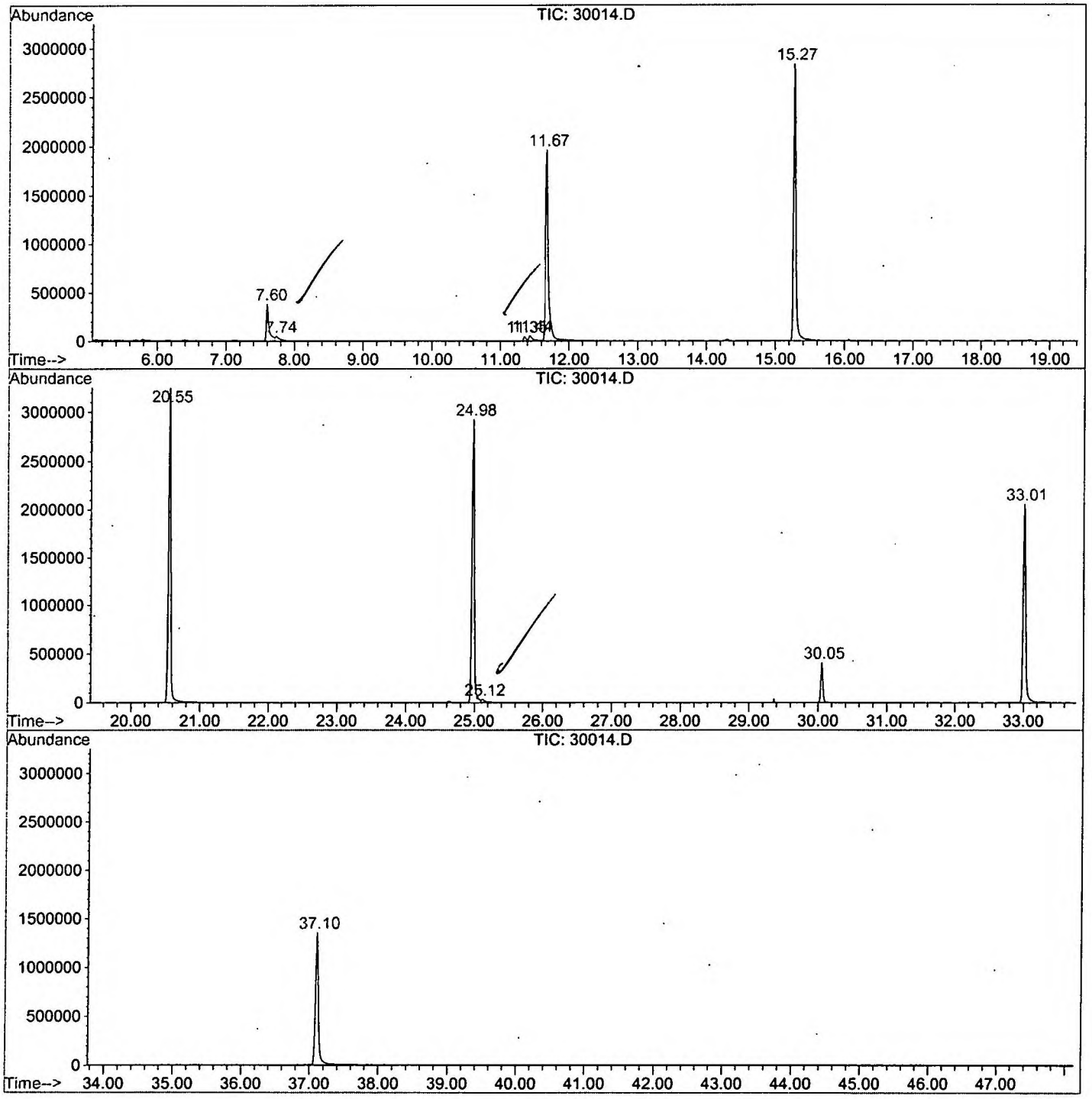
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.598	274	278	291	rBV	379440	1033144	14.33%	2.769%
2	7.745	291	294	309	rVB	46443	177193	2.46%	0.475%
3	11.353	683	687	692	rBV	45343	108328	1.50%	0.290%
4	11.435	692	696	712	rVB	50033	167150	2.32%	0.448%
5	11.674	716	722	741	rBV	1957100	5272967	73.12%	14.132%
6	15.273	1109	1114	1134	rBV	2832333	6610860	91.67%	17.718%
7	20.552	1683	1689	1714	rBV	3250974	7211530	100.00%	19.327%
8	24.976	2165	2171	2184	rBV2	2921688	6687473	92.73%	17.923%
9	25.123	2184	2187	2197	rVB3	25057	87504	1.21%	0.235%
10	30.053	2718	2724	2733	rBV	412046	846821	11.74%	2.270%
11	33.009	3039	3046	3065	rBV2	2054102	5199931	72.11%	13.936%
12	37.104	3484	3492	3513	rBV2	1349923	3909522	54.21%	10.478%

Sum of corrected areas: 37312423

30014.D GCMS1126.M Tue Jan 15 15:35:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\DEC1801\30014.D
Operator : 209 GALOS
Acquired : 19 Dec 2001 3:48 am using AcqMethod NP091101
Instrument : GC/MS 209
Sample Name: gc/ms scan 12/11
Misc Info :
Vial Number: 13
Quant File :GCMS1126.RES (RTE Integrator)



30014.D GCMS1126.M Tue Jan 15 15:35:54 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30014.D
Acq On : 19 Dec 2001 3:48 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

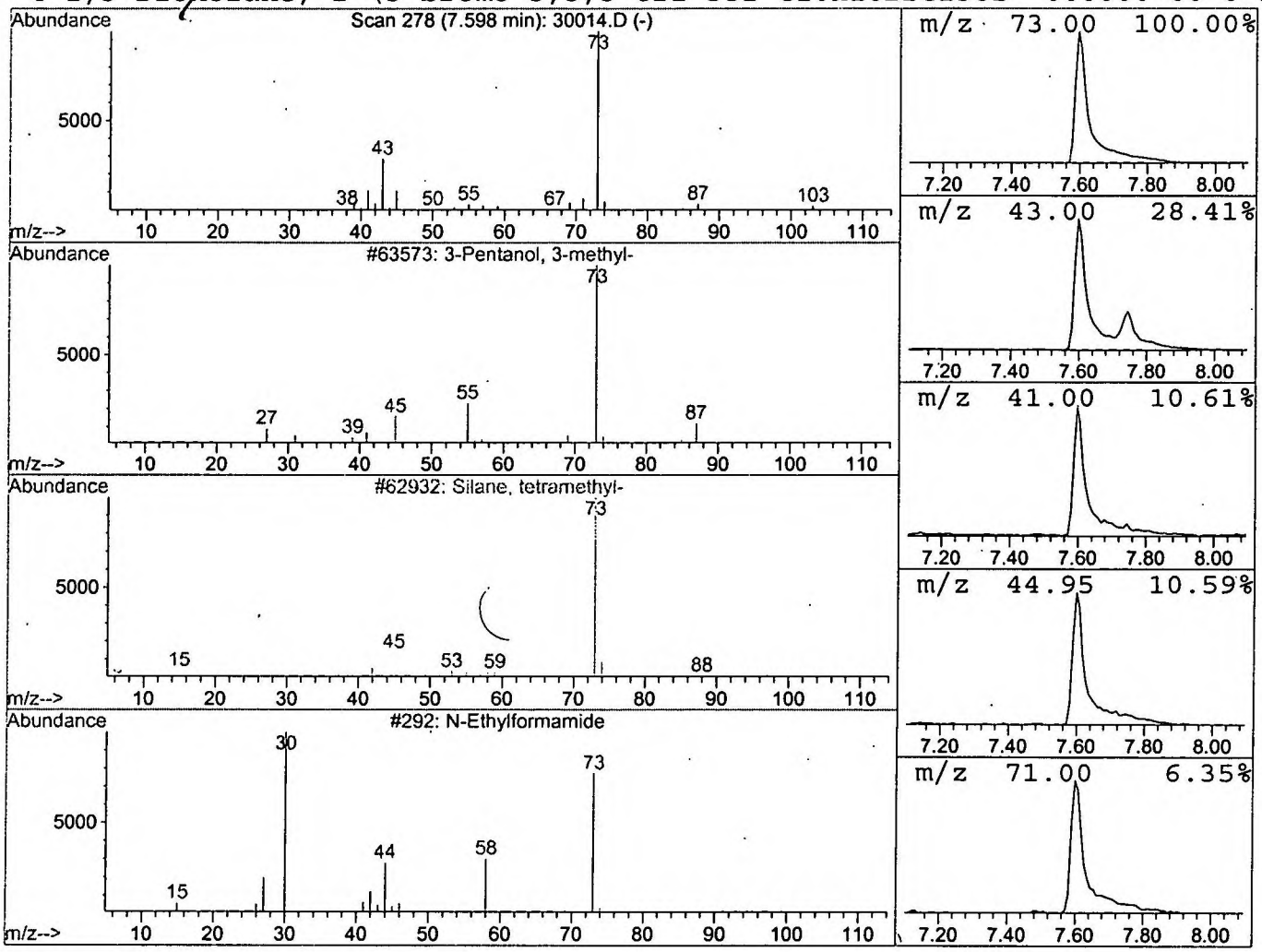
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 3-Pentanol, 3-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	3.92 ug/l	1033140	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	33
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	N-Ethylformamide	73	C3H7NO	000627-45-2	9
4	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30014.D
Acq On : 19 Dec 2001 3:48 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

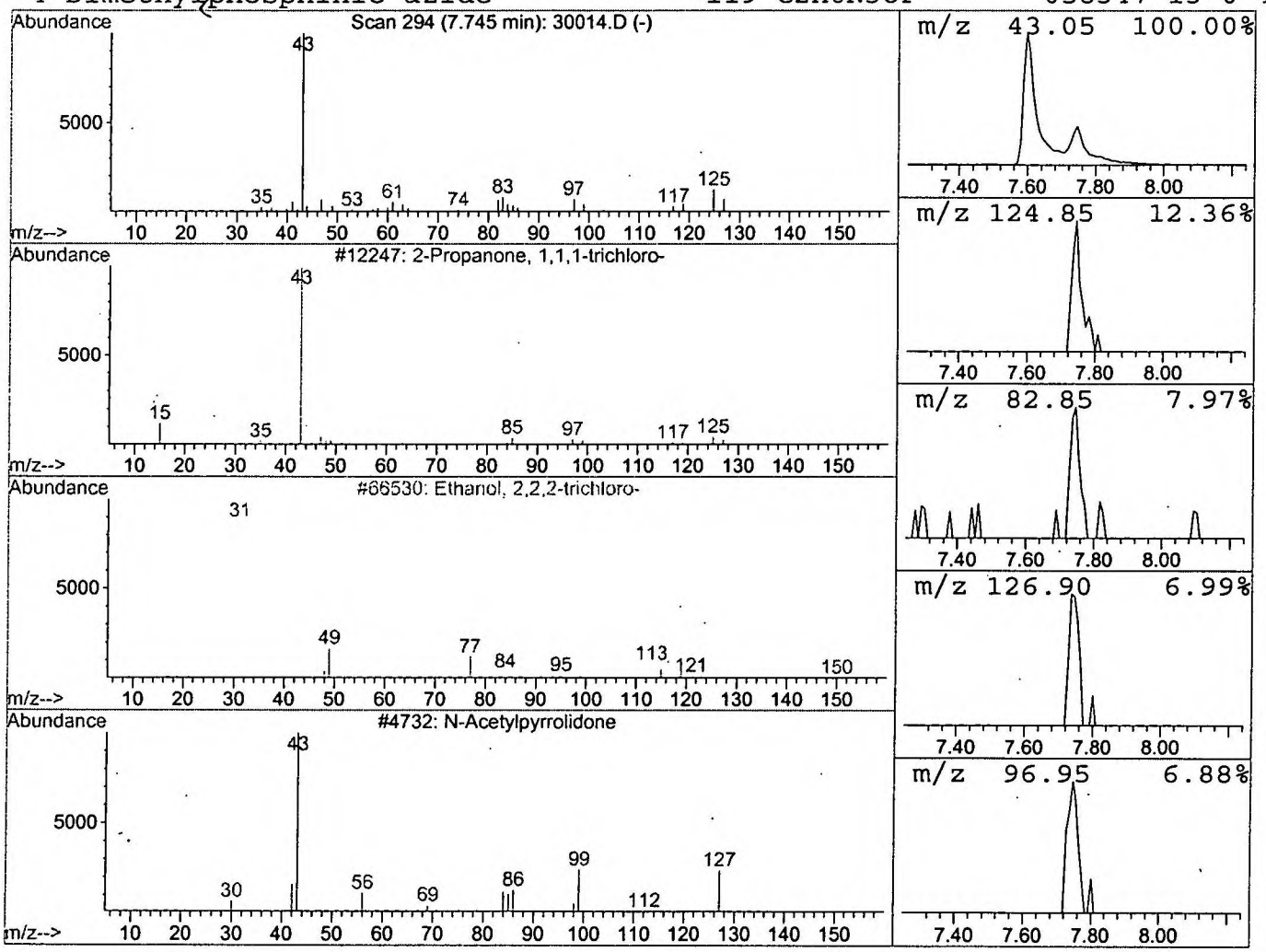
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.74	0.67 ug/l	177193	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	Ethanol, 2,2,2-trichloro-	148	C2H3Cl3O	000115-20-8	9
3	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	5
4	Dimethylphosphinic azide	119	C2H6N3OP	058347-13-0	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30014.D
Acq On : 19 Dec 2001 3:48 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

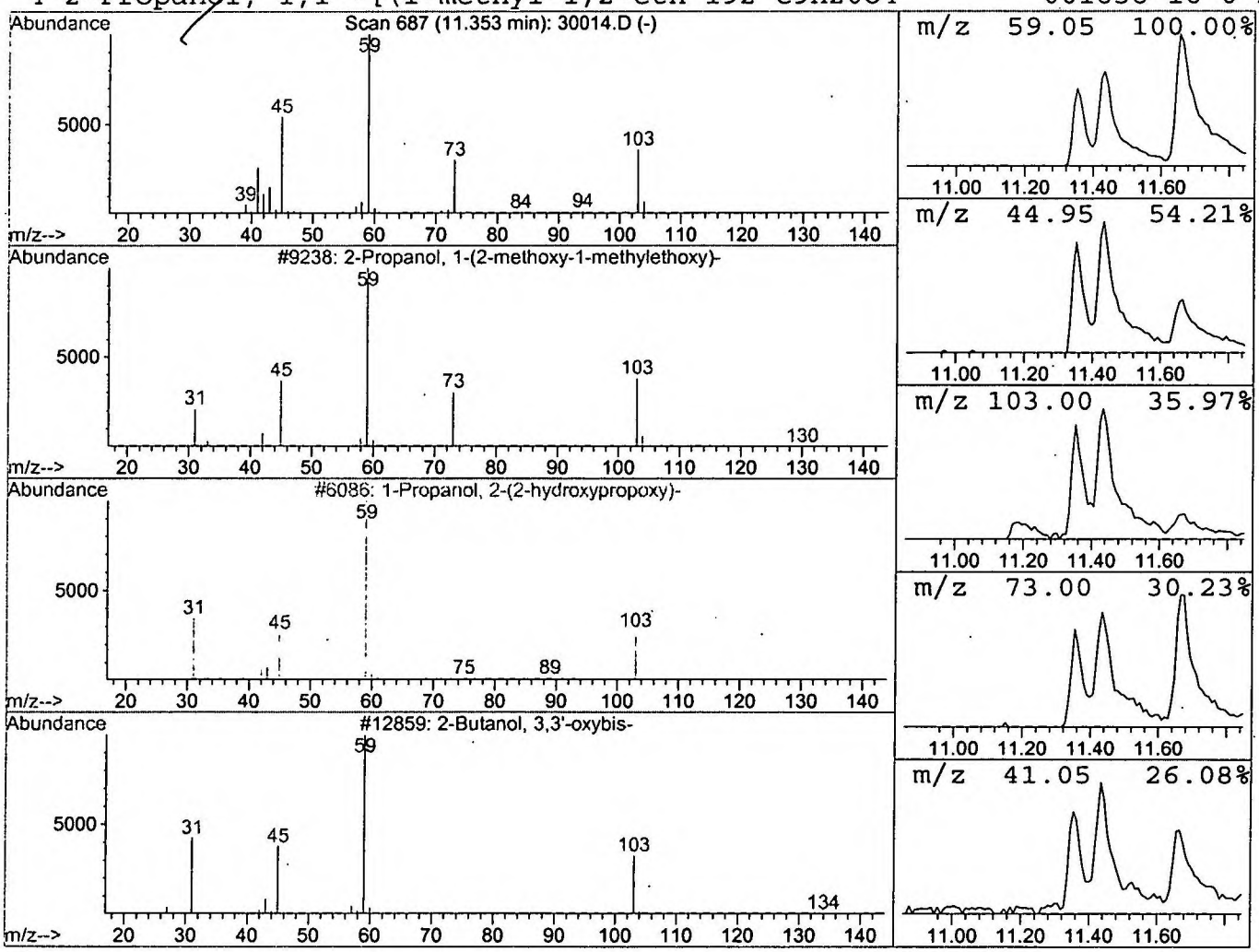
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.35	0.41 ug/l	108328	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	42
4	2-Propanol, 1,1'-[(1-methyl-1,2-eth	192	C9H20O4	001638-16-0	38



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30014.D
Acq On : 19 Dec 2001 3:48 am
Sample : gc/ms scan 12/11
Misc :
MS Integration Params: LSCINT.P

Vial: 13
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

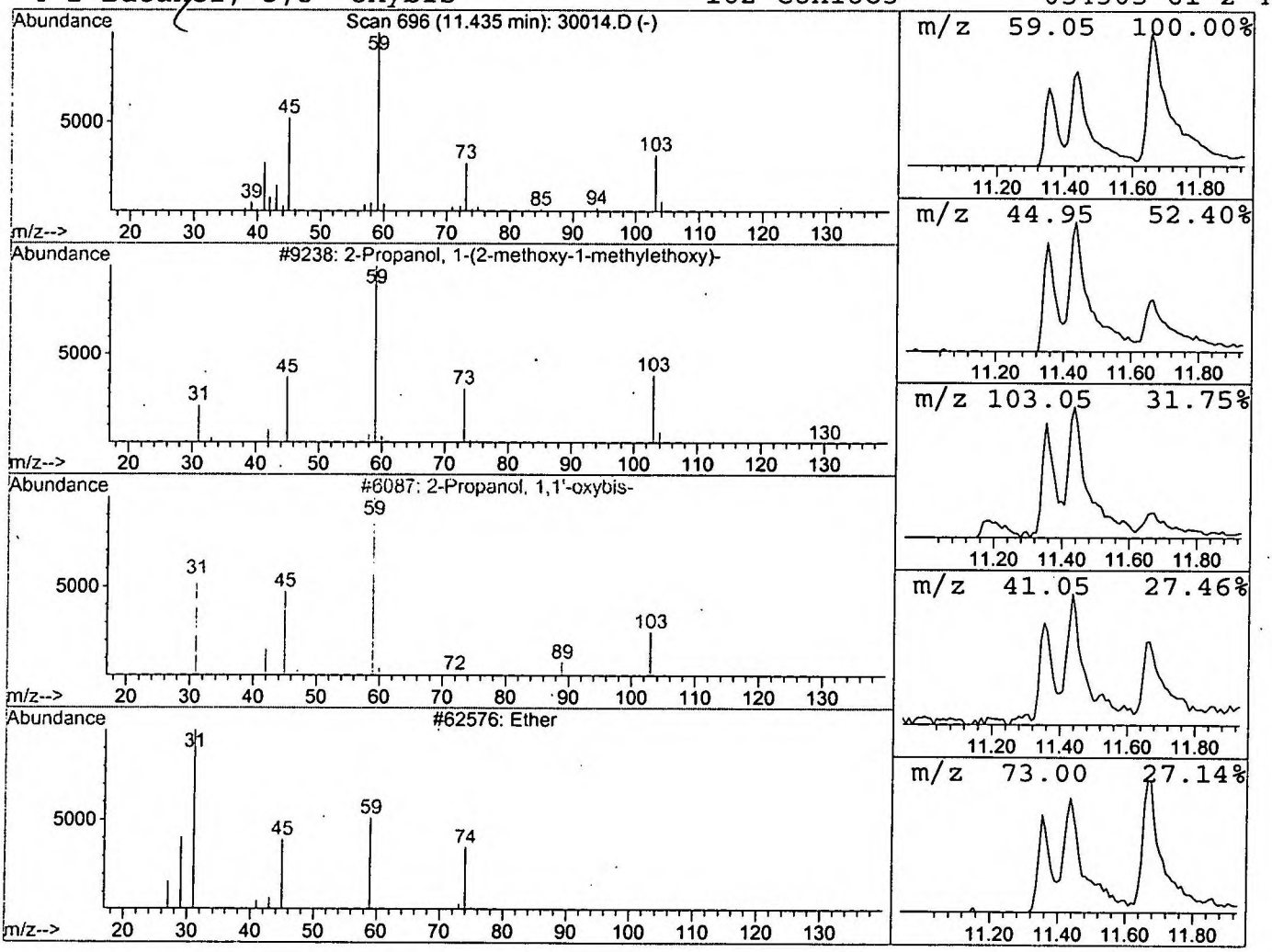
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 2-Propanol, 1-(2-methoxy-1-met Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	0.63 ug/l	167150	1,4-Dichlorobenzene-d4	11.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	72
2	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
3	Ether	74	C4H10O	000060-29-7	42
4	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	42



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\DEC1801\30014.D Vial: 13
Acq On : 19 Dec 2001 3:48 am Operator: 209 GALOS
Sample : gc/ms scan 12/11 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

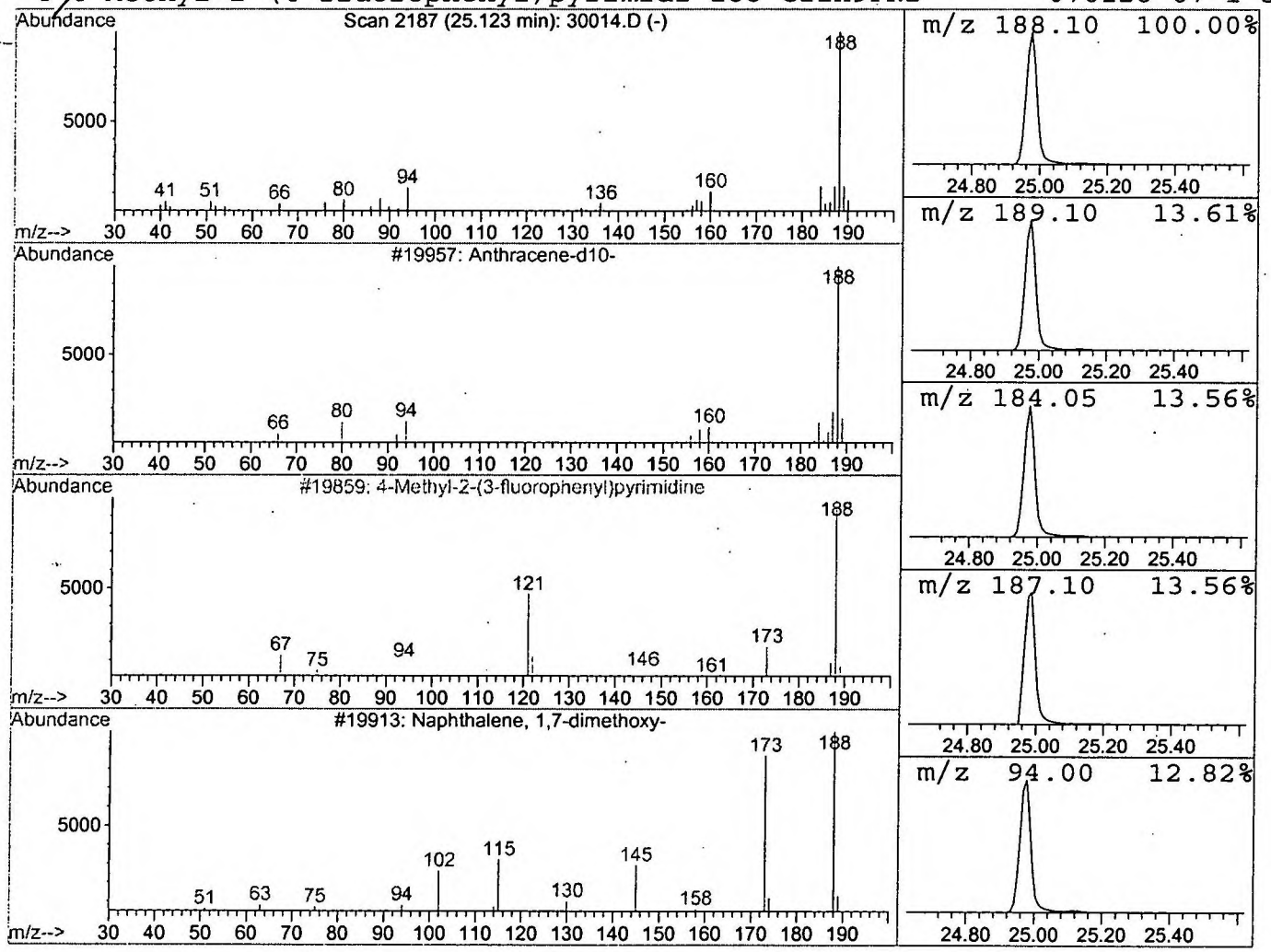
Quant Method : C:\HPCHEM\1\METHODS\GCMS1126.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 5 Anthracene-d10- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.12	0.26 ug/l	87504	Phenanthrene-d10	24.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	78
2	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	53
3	Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	53
4	4-Methyl-2-(4-fluorophenyl)pyrimidi	188	C11H9FN2	076128-67-1	53



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 19 Dec 2001 3:48 am
Data File: C:\HPCHEM\1\DATA\DEC1801\30014.D
Name: gc/ms 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
3-Pentanol, 3-methyl	7.60	3.9	ug/l	1033140	ISTD01	11.67	5272970	20.0
2-Propanone, 1,1,1-t	7.74	0.7	ug/l	177193	ISTD01	11.67	5272970	20.0
2-Propanol, 1-(2-met	11.35	0.4	ug/l	108328	ISTD01	11.67	5272970	20.0
2-Propanol, 1-(2-met	11.44	0.6	ug/l	167150	ISTD01	11.67	5272970	20.0
Anthracene-d10-	25.12	0.3	ug/l	87504	ISTD04	24.98	6687470	20.0

30014.D GCMS1126.M Tue Jan 15 15:36:22 2002