Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1302\10812.D Vial: 9
Acq On : 13 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 5/7 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 14:25 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 17 11:28:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.16	152	550257	40.00	ug/l	-0.03
10) Naphthalene-d8	15.79	136	1981646	40.00	ug/l	-0.04
17) Acenaphthene-d10	21.10	164	1089617	40.00	ug/l	-0.04
30) Phenanthrene-d10	25.54	188	1554683	40.00	ug/l	-0.03
38) Chrysene-d12	33.62	240	1027077	40.00	ug/l	-0.02
44) Perylene-d12	37.84	264	681680	40.00	ug/l	-0.02
System Monitoring Compounds						
28) TCMX	23.24	209	26337	4.86	ug/L	-0.03
Spiked Amount 10.000			Recovery =	48.60%		
Target Compounds						Qvalue
2) N-nitrosodimethylamine	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-Nitrosodi-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	15.85	128	396	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	0.00	165	0	N.D.		
25) Diethylphthalate	22.58	149	899	N.D.		
26) 4-Chlorophenylphenylether	0.00	204	0	N.D.		
27) Fluorene	0.00	166	0	N.D.		
29) Azobenzene	0.00	77	0	N.D.		
31) N-Nitrosodiphenylamine	0.00	168	0	N.D.		
32) 4-Bromophenylphenylether	0.00	248	0	N.D.		
33) Hexachlorobenzene	0.00	284	0	N.D.		
34) Phenanthrene	25.54	178	378	N.D.		

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAY1302\10812.D Vial: 9
Acq On : 13 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 5/7 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 14:25 2002 Quant Results File: GCMS0510.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 17 11:28:42 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0510

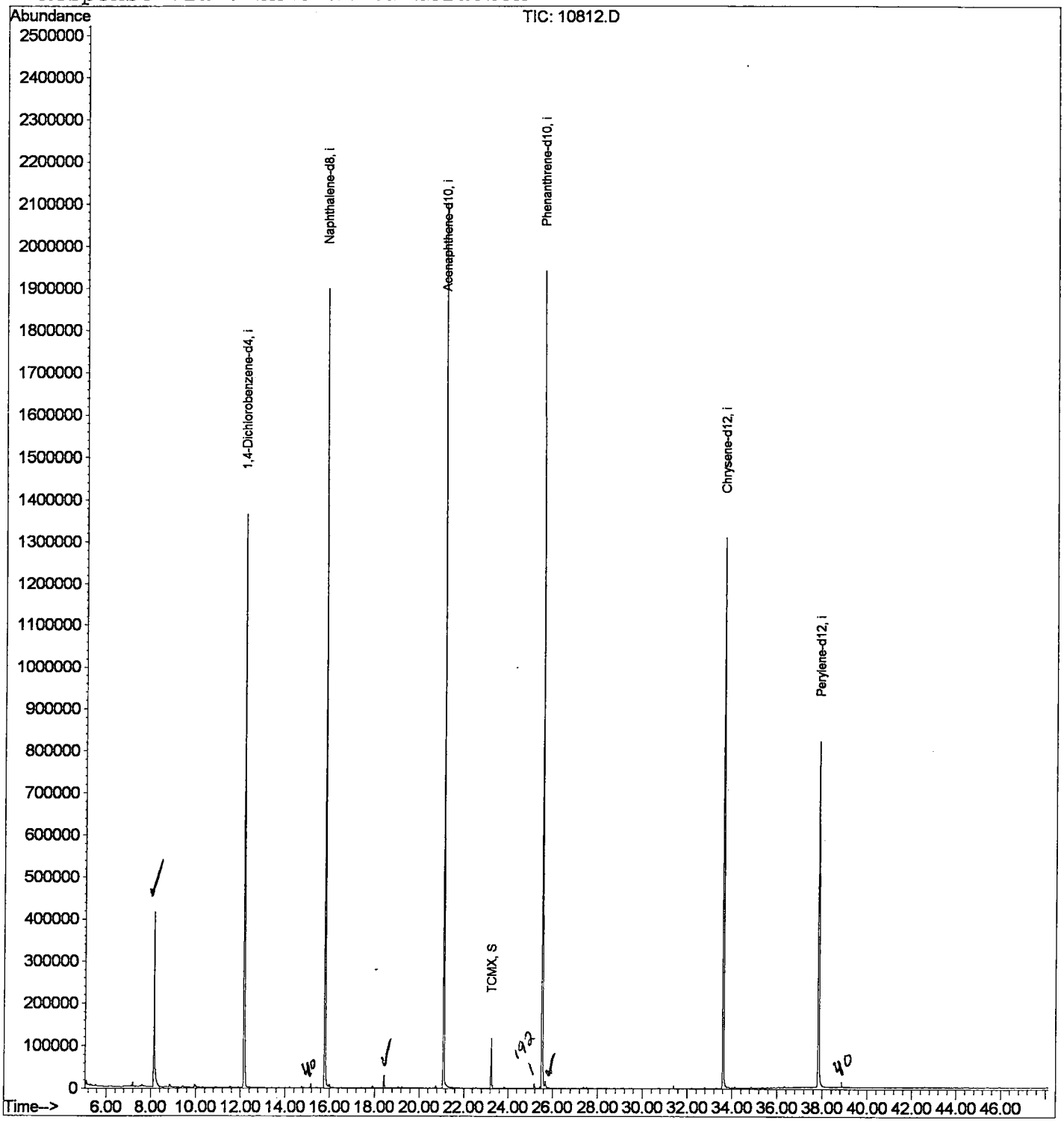
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
35)	Anthracene	25.54	178	378	N.D.	
36)	Di-n-butylphthalate	27.52	149	3048	N.D.	
37)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.61	228	2312	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.84	149	1565	N.D.	
43)	Chrysene	33.61	228	2312	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	37.84	252	2588	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\MAY1302\10812.D Vial: 9
Acq On : 13 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 5/7 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: May 28 14:25 2002 Quant Results File: GCMS0510.RES

Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Fri May 17 11:28:42 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAY1302\10812.D Vial: 9
Acq On : 13 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 5/7 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0510.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

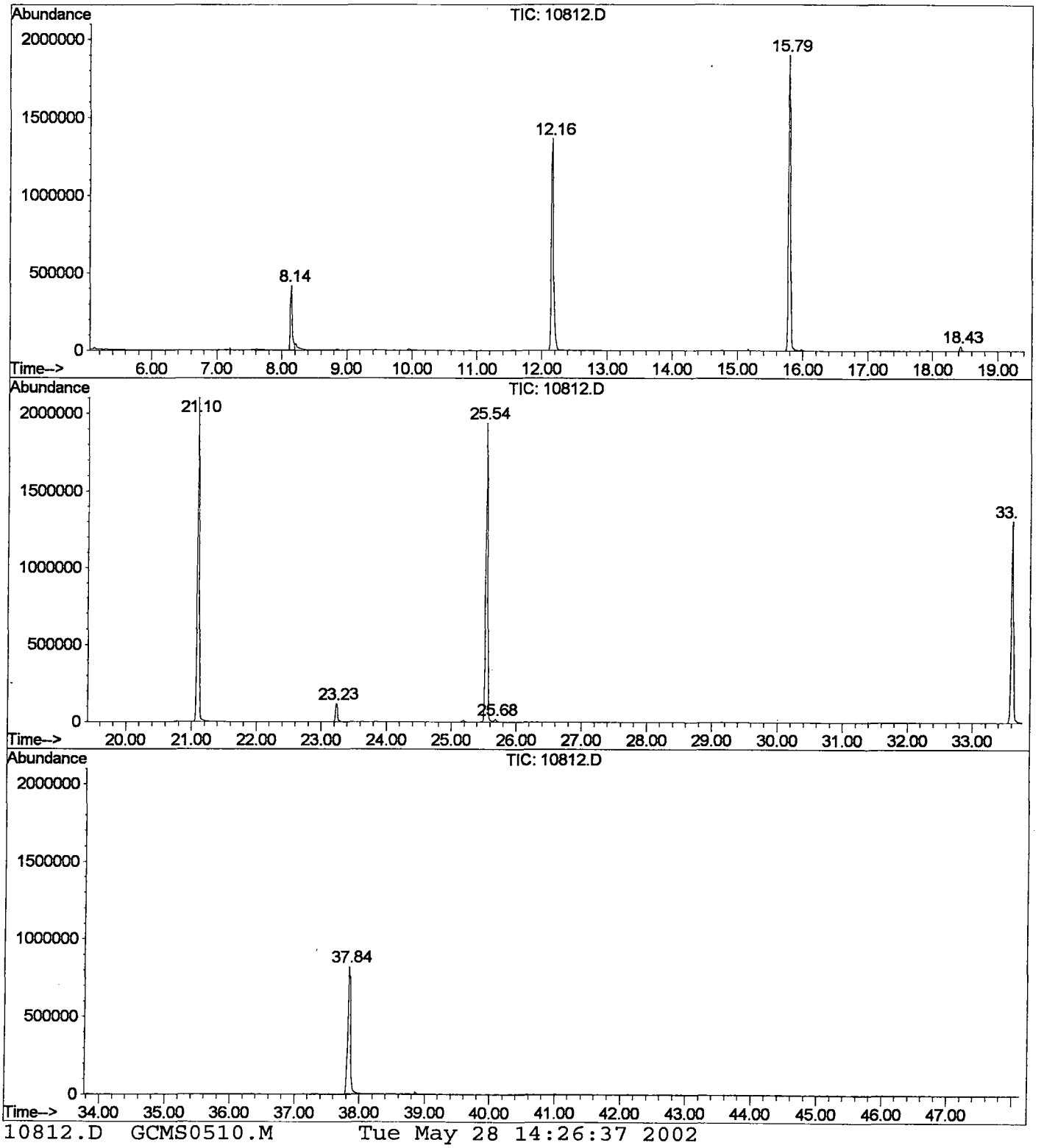
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.140	334	338	344	rBV	413571	800754	18.38%	3.635%
2	12.163	771	777	795	rBV	1363885	3103905	71.24%	14.088%
3	15.792	1167	1173	1189	rBV	1898587	3874487	88.93%	17.586%
4	18.431	1457	1461	1467	rBV	29628	56897	1.31%	0.258%
5	21.098	1745	1752	1780	rBV	2101988	4356906	100.00%	19.776%
6	23.233	1979	1985	1995	rBV2	117407	253261	5.81%	1.150%
7	25.542	2230	2237	2248	rBV2	1940358	4100039	94.10%	18.610%
8	25.680	2248	2252	2268	rVB2	16692	50381	1.16%	0.229%
9	33.615	3110	3118	3135	rBV2	1309037	3053872	70.09%	13.861%
10	37.840	3571	3579	3599	rBV2	819034	2381219	54.65%	10.808%

Sum of corrected areas: 22031721

10812.D GCMS0510.M Tue May 28 14:26:37 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAY1302\10812.D
Operator :
Acquired : 13 May 2002 11:42 pm using AcqMethod GCMS0510
Instrument : 209
Sample Name: GC/MS SCAN 5/7
Misc Info :
Vial Number: 9
Quant File :GCMS0510.RES (RTE Integrator)



10812.D GCMS0510.M Tue May 28 14:26:37 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1302\10812.D Vial: 9
Acq On : 13 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 5/7 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

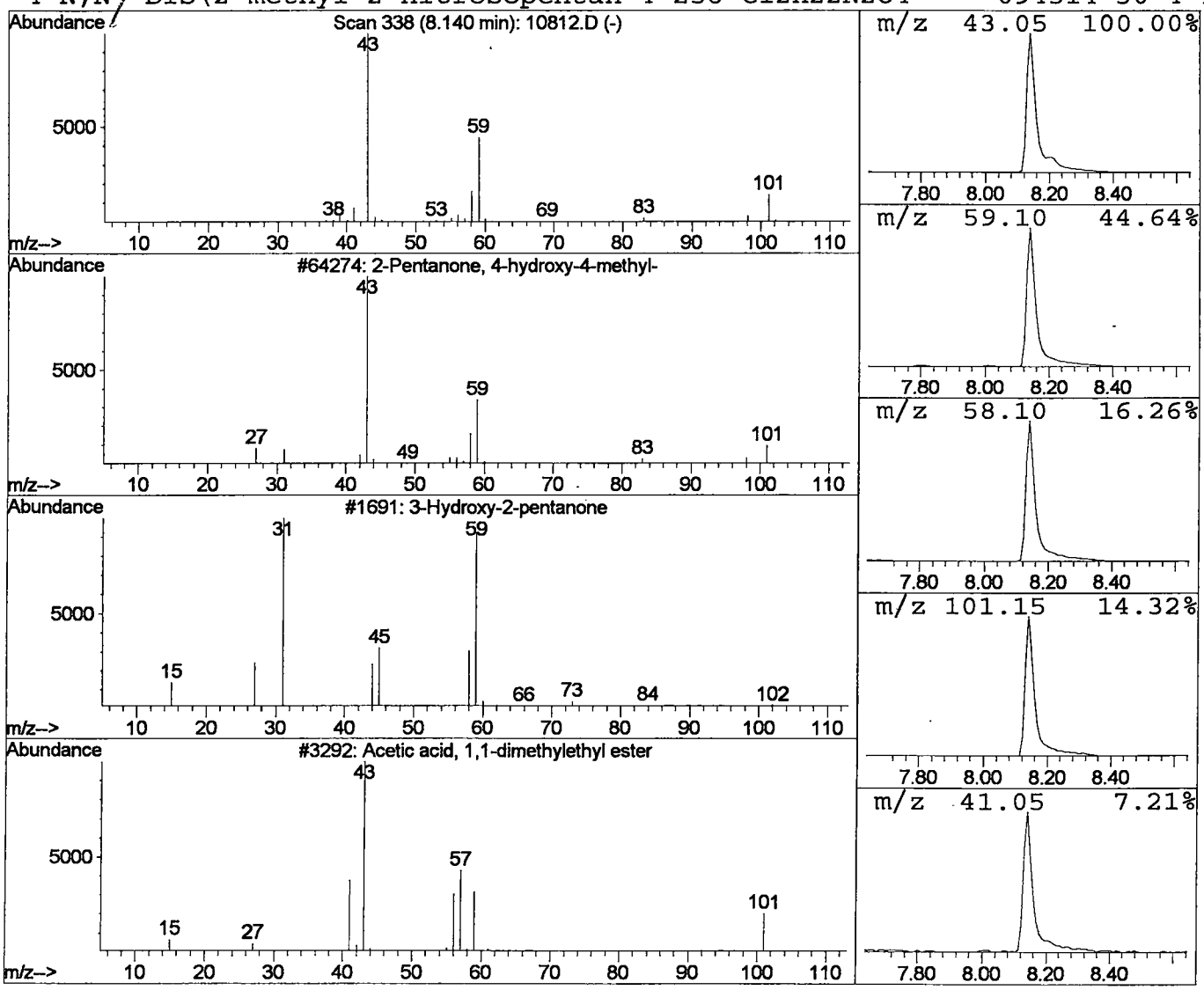
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.14	10.32 ug/l	800754	1,4-Dichlorobenzene-d4	12.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	3-Hydroxy-2-pentanone	102	C5H10O2	003142-66-3	9
3	Acetic acid, 1,1-dimethylethyl este	116	C6H12O2	000540-88-5	9
4	N,N'-Bis(2-methyl-2-nitrosopentan-4	258	C12H22N2O4	094514-30-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1302\10812.D Vial: 9
Acq On : 13 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 5/7 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

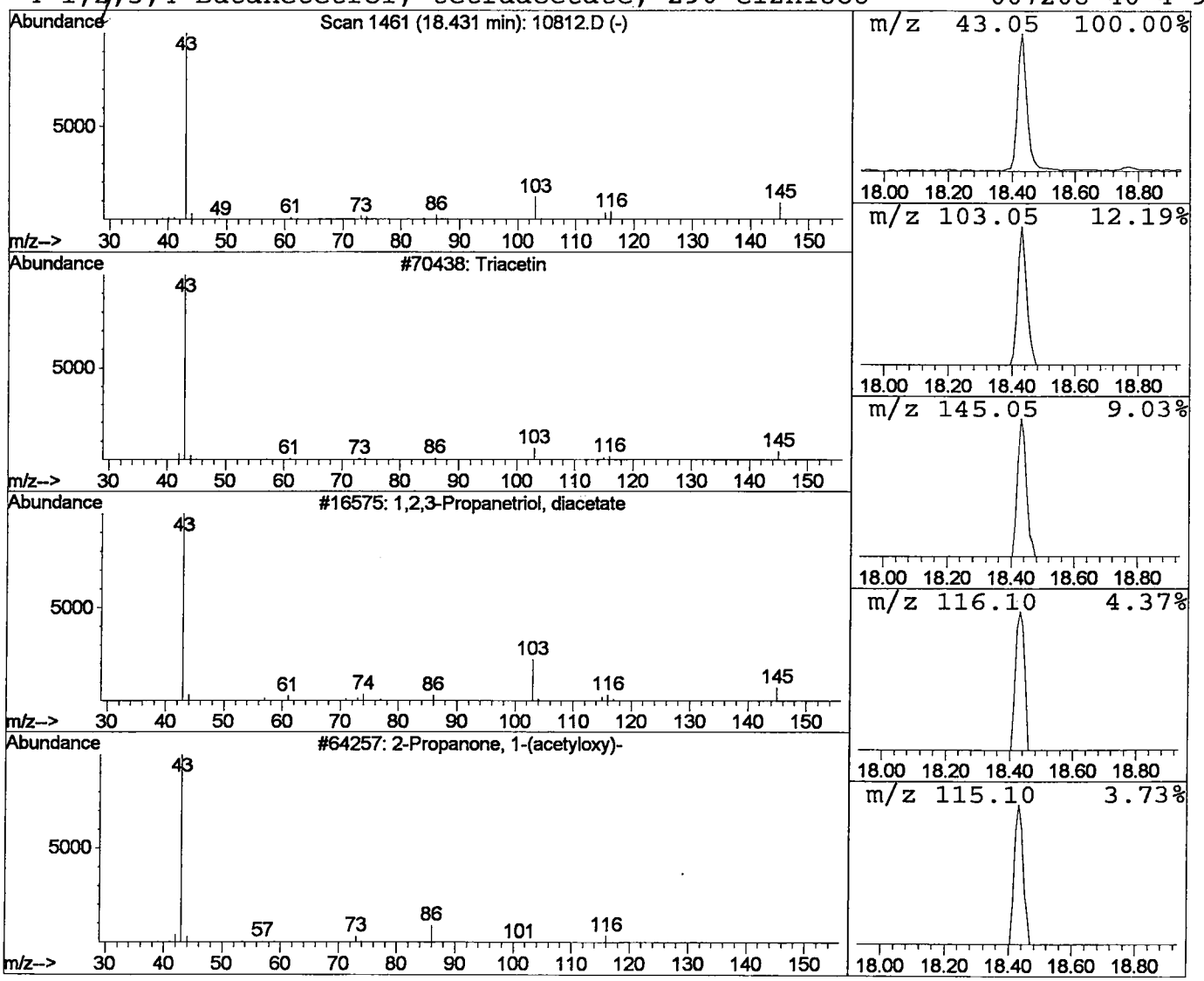
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Triacetin Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.43	0.59 ug/l	56897	Naphthalene-d8	15.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triacetin	218	C9H14O6	000102-76-1	72
2	1,2,3-Propanetriol, diacetate	176	C7H12O5	025395-31-7	36
3	2-Propanone, 1-(acetyloxy)-	116	C5H8O3	000592-20-1	9
4	1,2,3,4-Butanetetrol, tetraacetate,	290	C12H18O8	007208-40-4	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAY1302\10812.D Vial: 9
Acq On : 13 May 2002 11:42 pm Operator:
Sample : GC/MS SCAN 5/7 Inst : 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

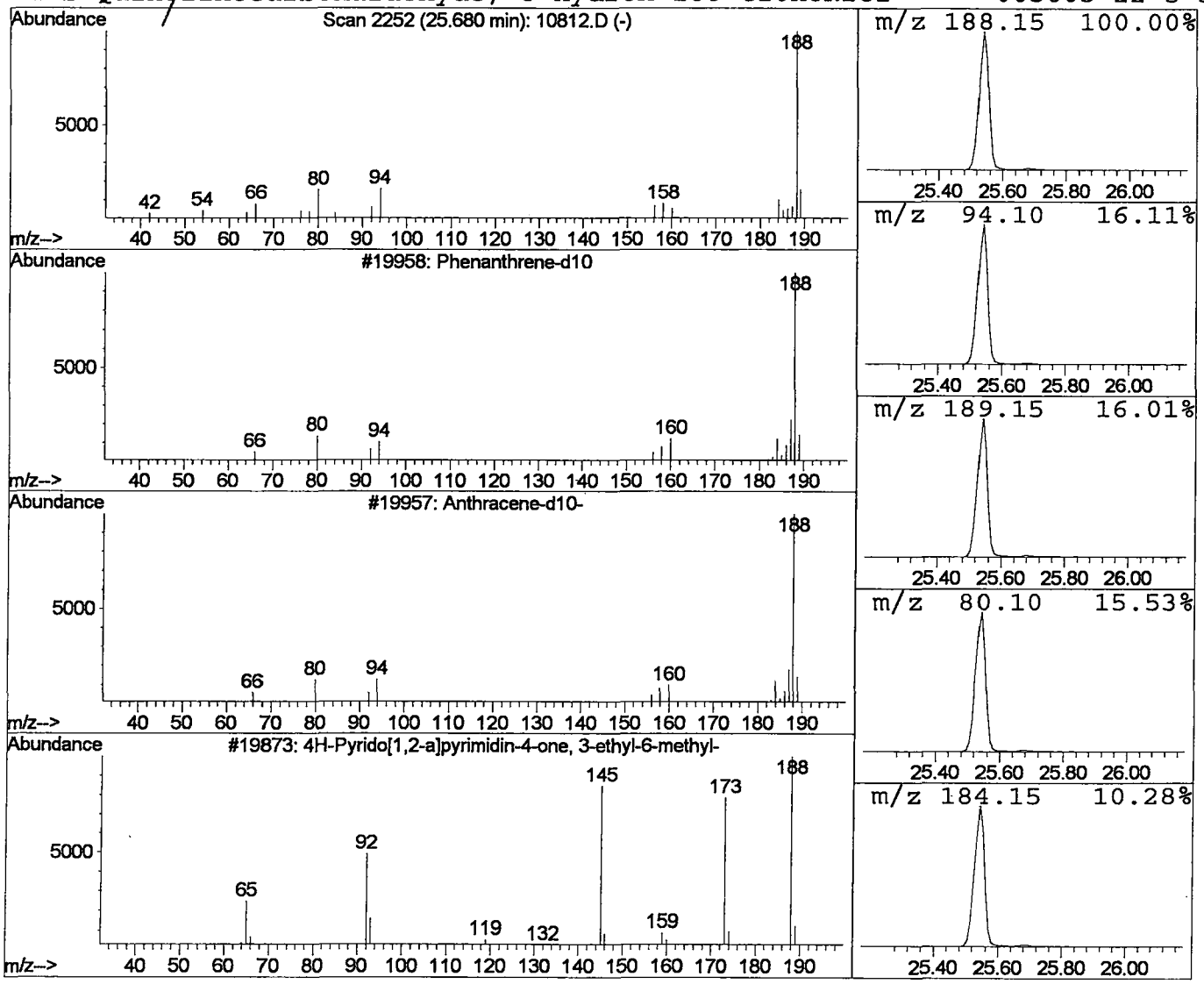
Quant Method : C:\HPCHEM\1\METHODS\GCMS0510.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.68	0.49 ug/l	50381	Phenanthrene-d10	25.54

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	87
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	4H-Pyrido[1,2-a]pyrimidin-4-one, 3-	188	C11H12N2O	057773-19-0	40
4	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	33



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 13 May 2002 11:42 pm
Data File: C:\HPCHEM\1\DATA\MAY1302\10812.D
Name: GC/MS SCAN 5/7
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0510.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
2-Pentanone, 4-hydro	8.14	10.3	ug/l	800754	ISTD01	12.16	3103910	40.0
Triacetin	18.43	0.6	ug/l	56897	ISTD02	15.79	3874490	40.0
Phenanthrene-d10	25.68	0.5	ug/l	50381	ISTD04	25.54	4100040	40.0

10812.D GCMS0510.M Tue May 28 14:26:40 2002