Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\942.D Vial: 64
Acq On : 24 Feb 2002 7:05 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 15:48 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.33	152	212981	20.00	ug/l	-0.03
10) Naphthalene-d8	15.97	136	832702	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.29	164	448151	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	616817	20.00	ug/l	-0.04
38) Chrysene-d12	33.80	240	412113	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	274447	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	49192	7.64	ug/mL	0.31
Spiked Amount 5.000			Recovery = 152.80%			
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	0.00	128	0	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	22.76	149	5955	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.		

4.55 81%

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

Quantitation Report (QT Reviewed)

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Acq On : 24 Feb 2002 7:05 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 15:48 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration
DataAcq Meth : GCMS0208

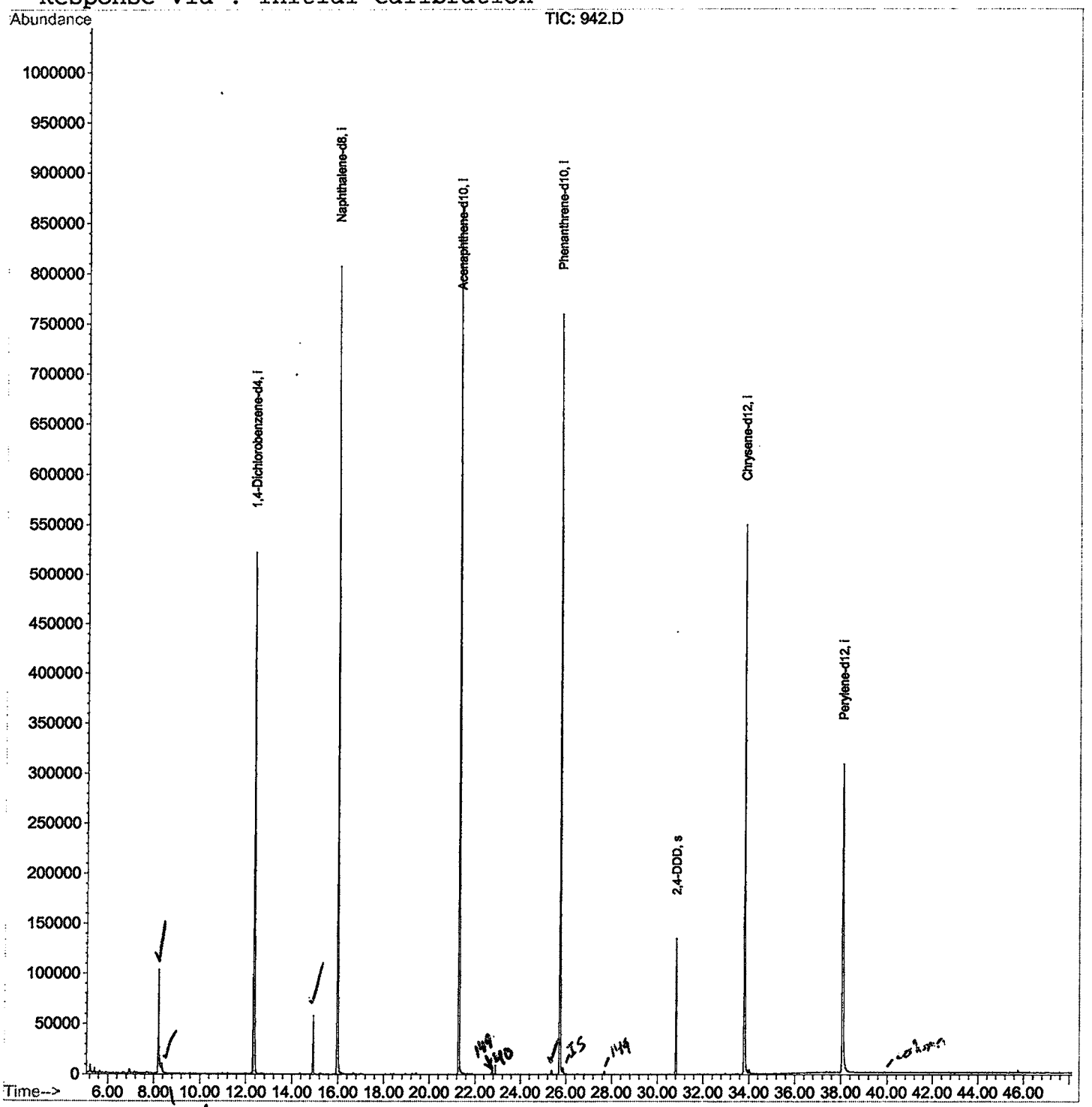
	Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30)	N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31)	4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32)	Hexachlorobenzene	0.00	284	0	N.D.	
33)	Phenanthrene	0.00	178	0	N.D.	
34)	Anthracene	0.00	178	0	N.D.	
35)	Di-n-butylphthalate	27.69	149	5145	N.D.	
36)	Fluoranthene	0.00	202	0	N.D.	
39)	Pyrene	0.00	202	0	N.D.	
40)	Butylbenzylphthalate	32.23	149	172	N.D.	
41)	Benzo(a)anthracene	33.79	228	951	N.D.	
42)	Bis(2-ethylhexyl)phthalate	34.01	149	3850	N.D.	
43)	Chrysene	33.79	228	951	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	38.09	252	1037	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\FEB2102\942.D Vial: 64
Acq On : 24 Feb 2002 7:05 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 28 15:48 2002 Quant Results File: GCMS0208.RES

Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
Response via : Initial Calibration



149 - usually indicates a phthalate

LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\942.D Vial: 64
Acq On : 24 Feb 2002 7:05 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0208.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

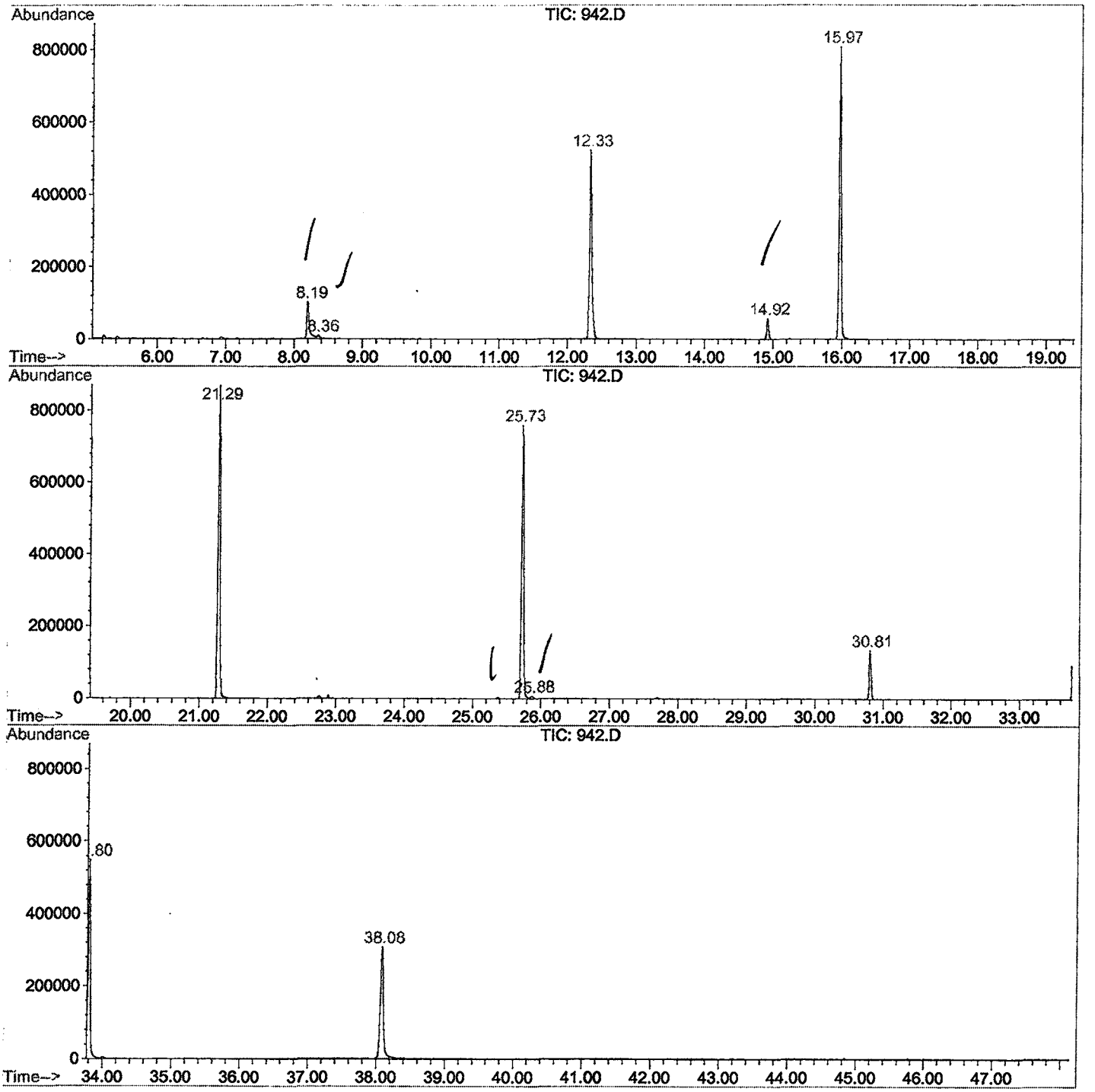
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.194	339	343	357	rBV	102582	262962	14.83%	2.856%
2	8.360	357	361	367	rVB	9166	23166	1.31%	0.252%
3	12.325	788	793	806	rBV	521257	1235857	69.68%	13.423%
4	14.924	1071	1076	1082	rVB	57920	109064	6.15%	1.185%
5	15.970	1184	1190	1206	rBV	807093	1641965	92.58%	17.833%
6	21.285	1763	1769	1782	rBV	870110	1773548	100.00%	19.263%
7	25.729	2247	2253	2264	rBV2	759396	1643367	92.66%	17.849%
8	25.876	2264	2269	2276	rVB2	6213	17826	1.01%	0.194%
9	30.805	2801	2806	2813	rVB	134522	268634	15.15%	2.918%
10	33.798	3126	3132	3147	rBV2	548807	1259165	71.00%	13.676%
11	38.076	3588	3598	3611	rBV2	307345	971665	54.79%	10.553%

Sum of corrected areas: 9207219

942.D GCMS0208.M Fri Mar 01 09:13:00 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\942.D
Operator :
Acquired : 24 Feb 2002 7:05 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/21
Misc Info :
Vial Number: 64
Quant File :GCMS0208.RES (RTE Integrator)



942.D GCMS0208.M Fri Mar 01 09:13:07 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\942.D Vial: 64
Acq On : 24 Feb 2002 7:05 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

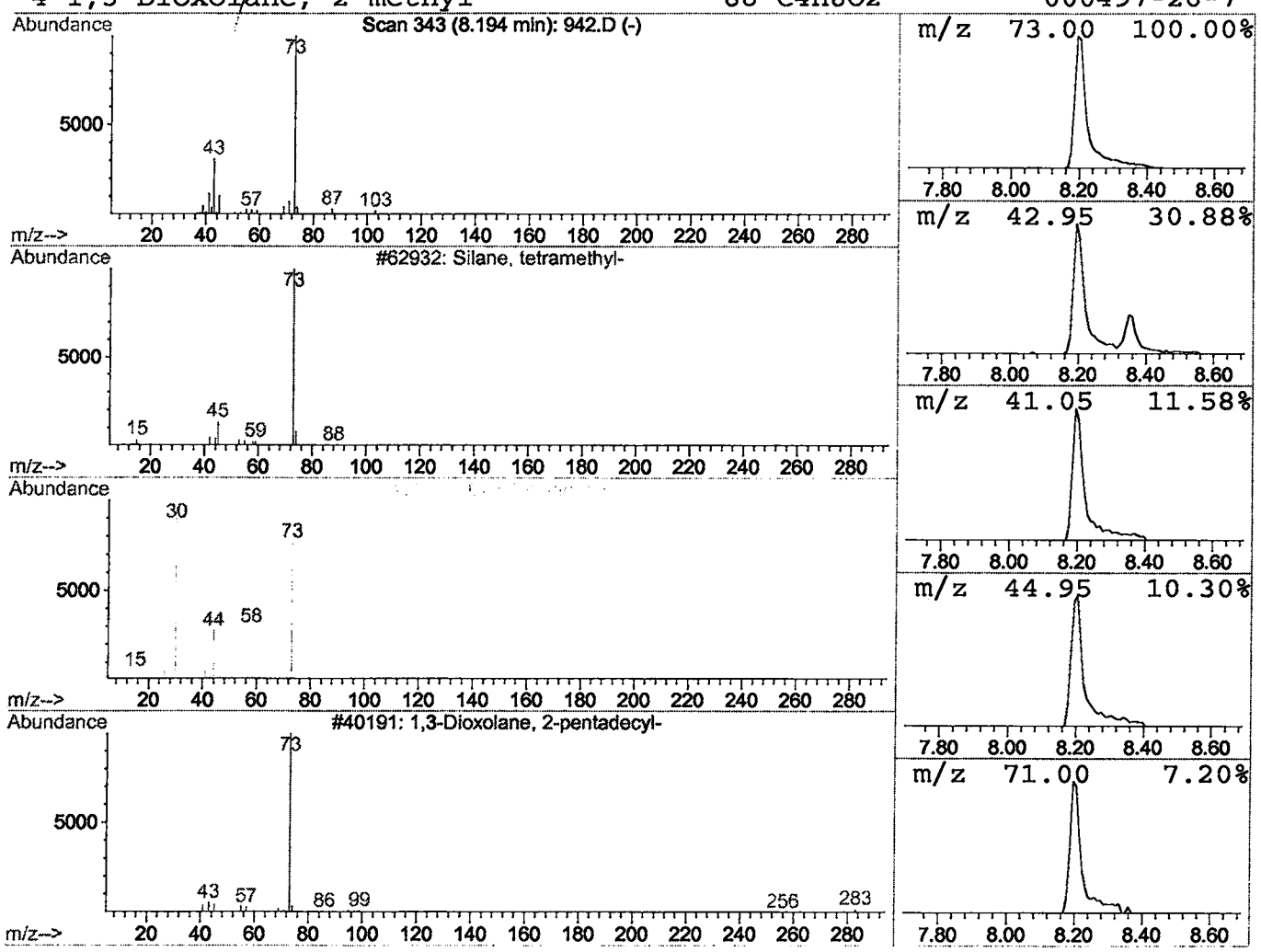
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	4.26 ug/l	262962	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\942.D
Acq On : 24 Feb 2002 7:05 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: LSCINT.P

Vial: 64
Operator:
Inst : GC/MS 209
Multiplr: 1.00

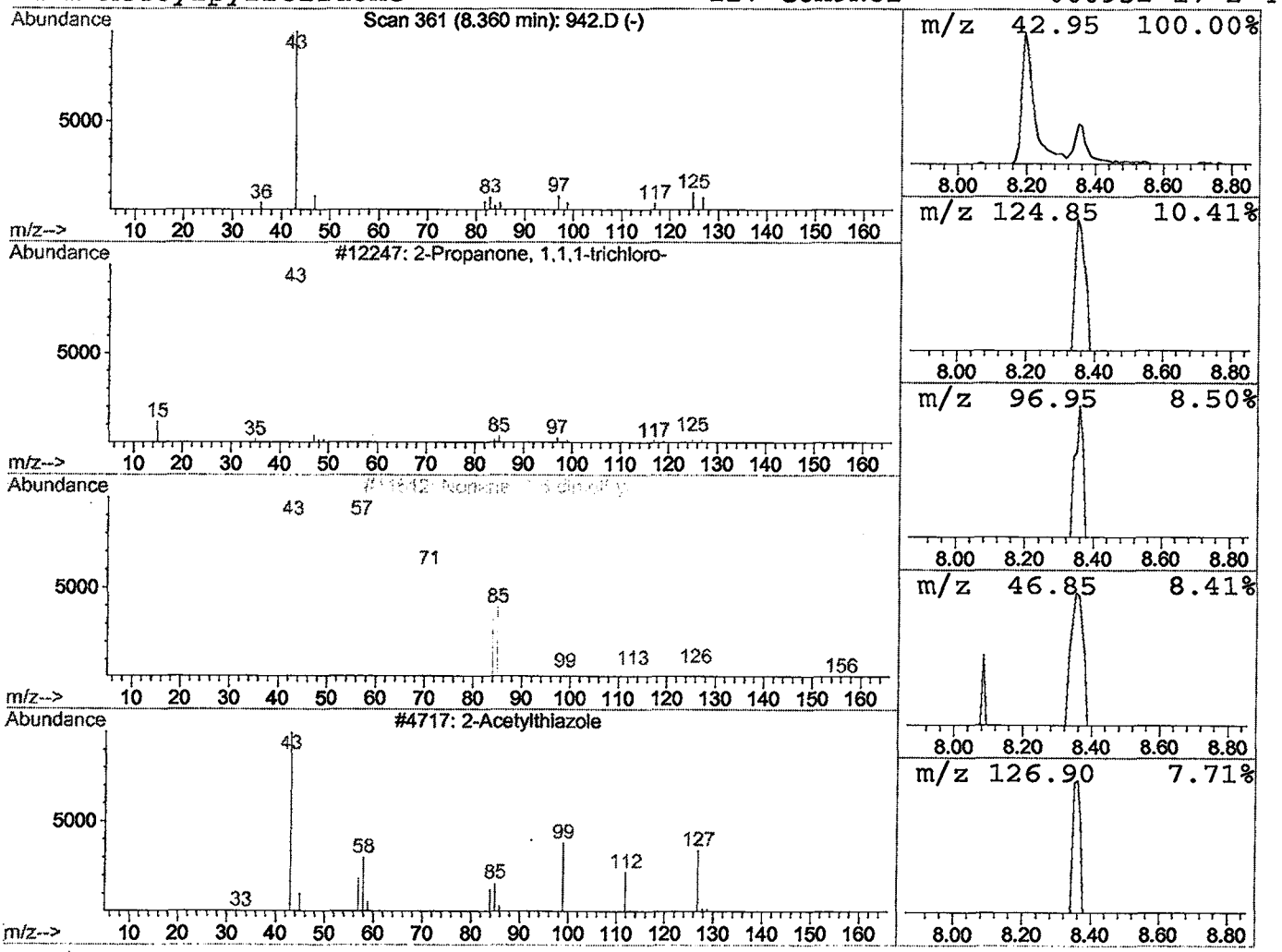
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Propanone, 1,1,1-trichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.36	0.37 ug/l	23166	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1,1,1-trichloro-	160	C3H3Cl3O	000918-00-3	25
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	5
3	2-Acetylthiazole	127	C5H5NOS	024295-03-2	5
4	N-Acetylpyrrolidone	127	C6H9NO2	000932-17-2	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\942.D
Acq On : 24 Feb 2002 7:05 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: LSCINT.P

Vial: 64
Operator:
Inst : GC/MS 209
Multiplr: 1.00

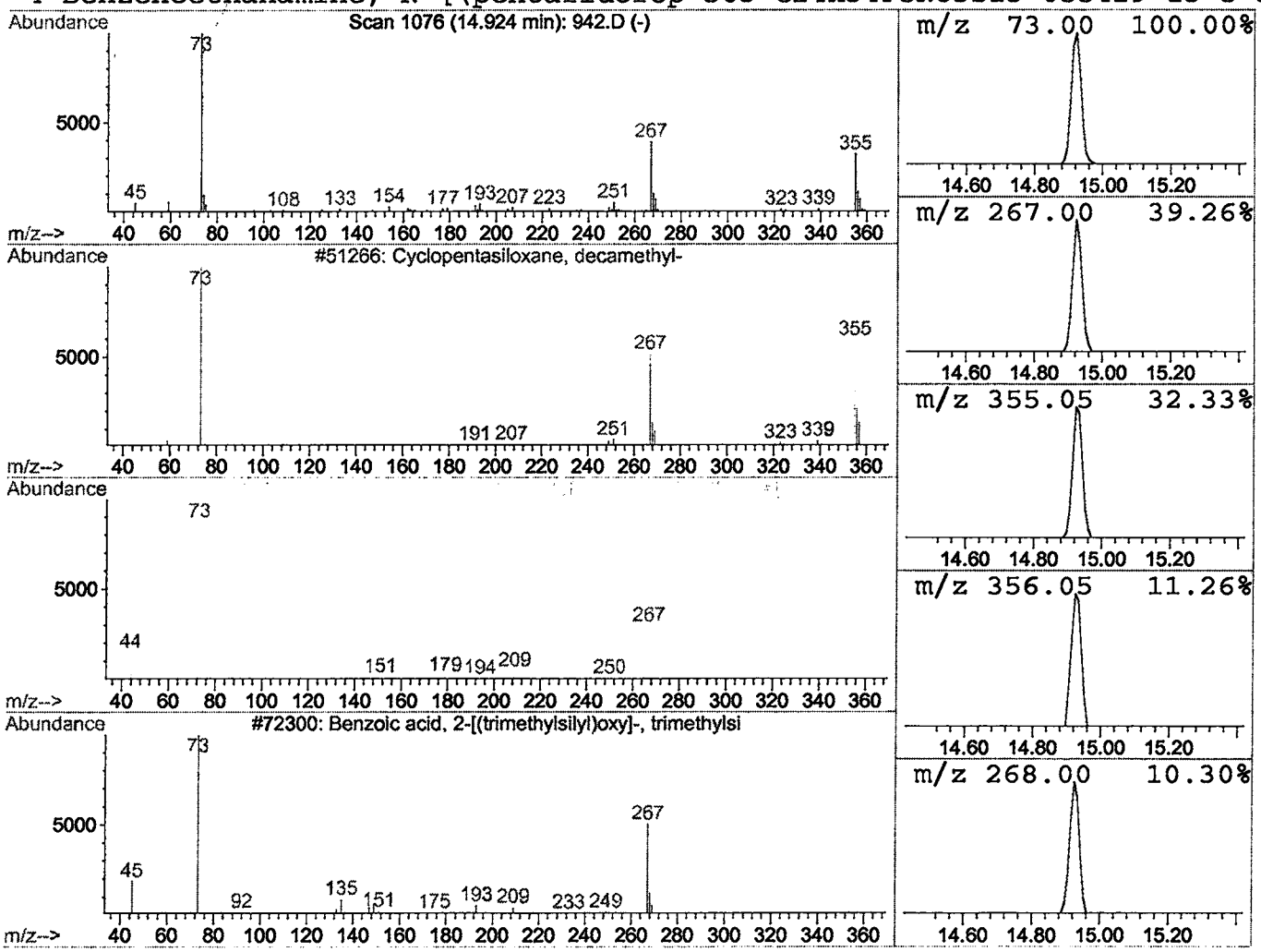
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Cyclopentasiloxane, decamethyl Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.92	1.33 ug/l	109064	Naphthalene-d8	15.97

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentasiloxane, decamethyl-	370	C10H30O5Si5	000541-02-6	53
2	Benzeneethanamine, N-[(pentafluorop	475	C21H26F5NO2Si2	055429-85-1	47
3	Benzoic acid, 2-[(trimethylsilyl)ox	282	C13H22O3Si2	003789-85-3	38
4	Benzeneethanamine, N-[(pentafluorop	563	C24H34F5NO3Si3	055429-13-5	35



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\942.D Vial: 64
Acq On : 24 Feb 2002 7:05 am Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

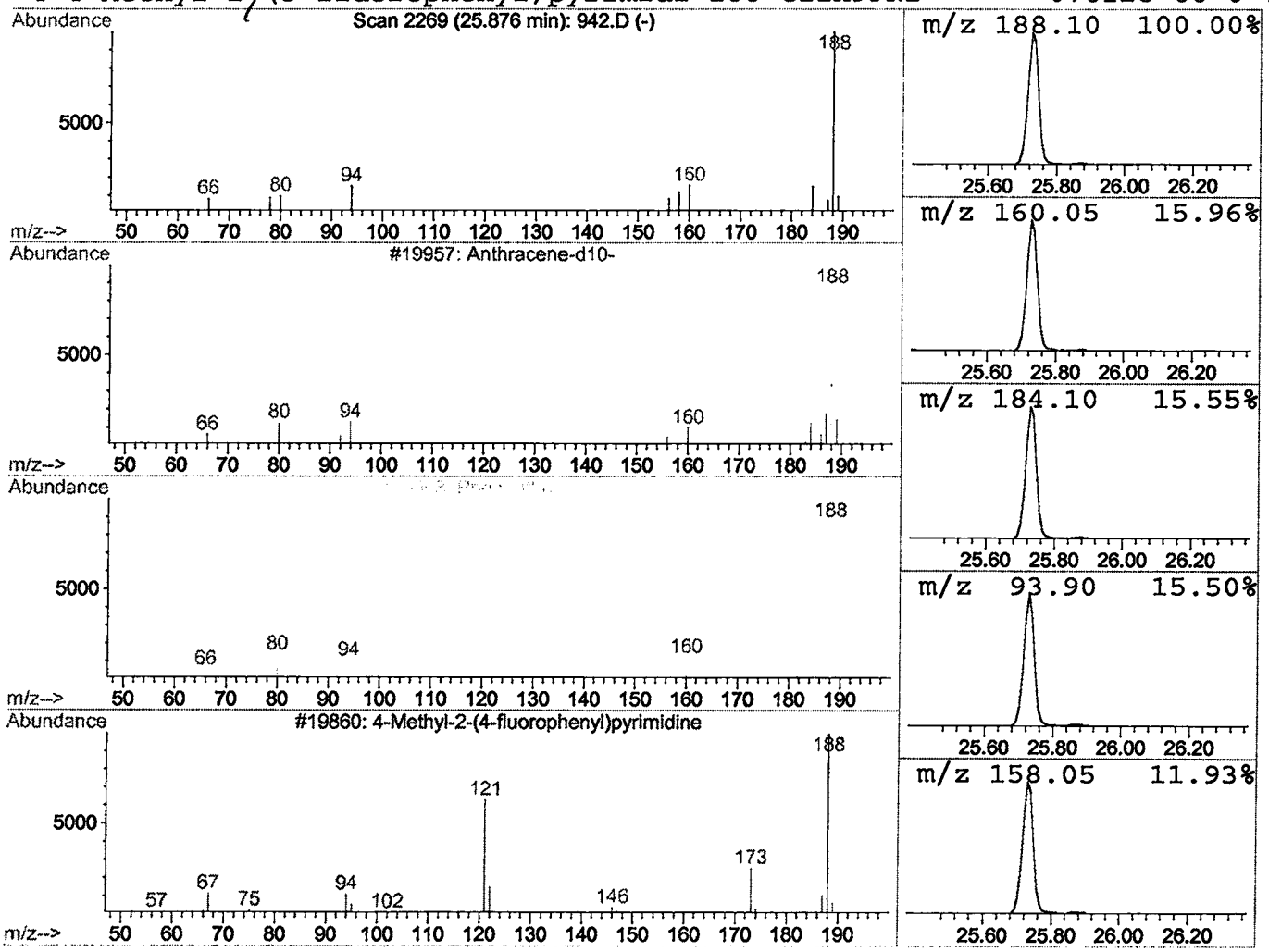
****

Peak Number 4 Anthracene-d10- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	0.22 ug/l	17826	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10-	188	C14D10	001719-06-8	90
2	Phenanthrene-d10	188	C14D10	001517-22-2	80
3	4-Methyl-2-(4-fluorophenyl)pyrimidi	188	C11H9FN2	076128-67-1	40
4	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	40

IS



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 24 Feb 2002 7:05 am
Data File: C:\HPCHEM\1\DATA\FEB2102\942.D
Name: gc/ms scan 2/21
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0208.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
Silane, tetramethyl-	8.19	4.3	ug/l	262962	ISTD01	12.33	1235860	20.0
2-Propanone, 1,1,1-t	8.36	0.4	ug/l	23166	ISTD01	12.33	1235860	20.0
Cyclopentasiloxane,	14.92	1.3	ug/l	109064	ISTD02	15.97	1641970	20.0
~~Anthracene-d10~~-rs	25.88	0.2	ug/l	17826	ISTD04	25.73	1643370	20.0

942.D GCMS0208.M Fri Mar 01 09:13:30 2002