Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\3381.D Vial: 45
Acq On : 3 Mar 2002 7:37 am Operator:
Sample : gc/ms scan 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 6 14:42 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

Clear to be reviewed

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.32	152	916782	20.00	ug/l	-0.03
10) Naphthalene-d8	15.96	136	3523950	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.28	164	1854076	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	2752002	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	1607161	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	1195245	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.80	235	56278	1.96	ug/mL	0.30
Spiked Amount 5.000			Recovery = 39.20%			
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	21.70	165	502	N.D.		
25) Diethylphthalate	22.75	149	406	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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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

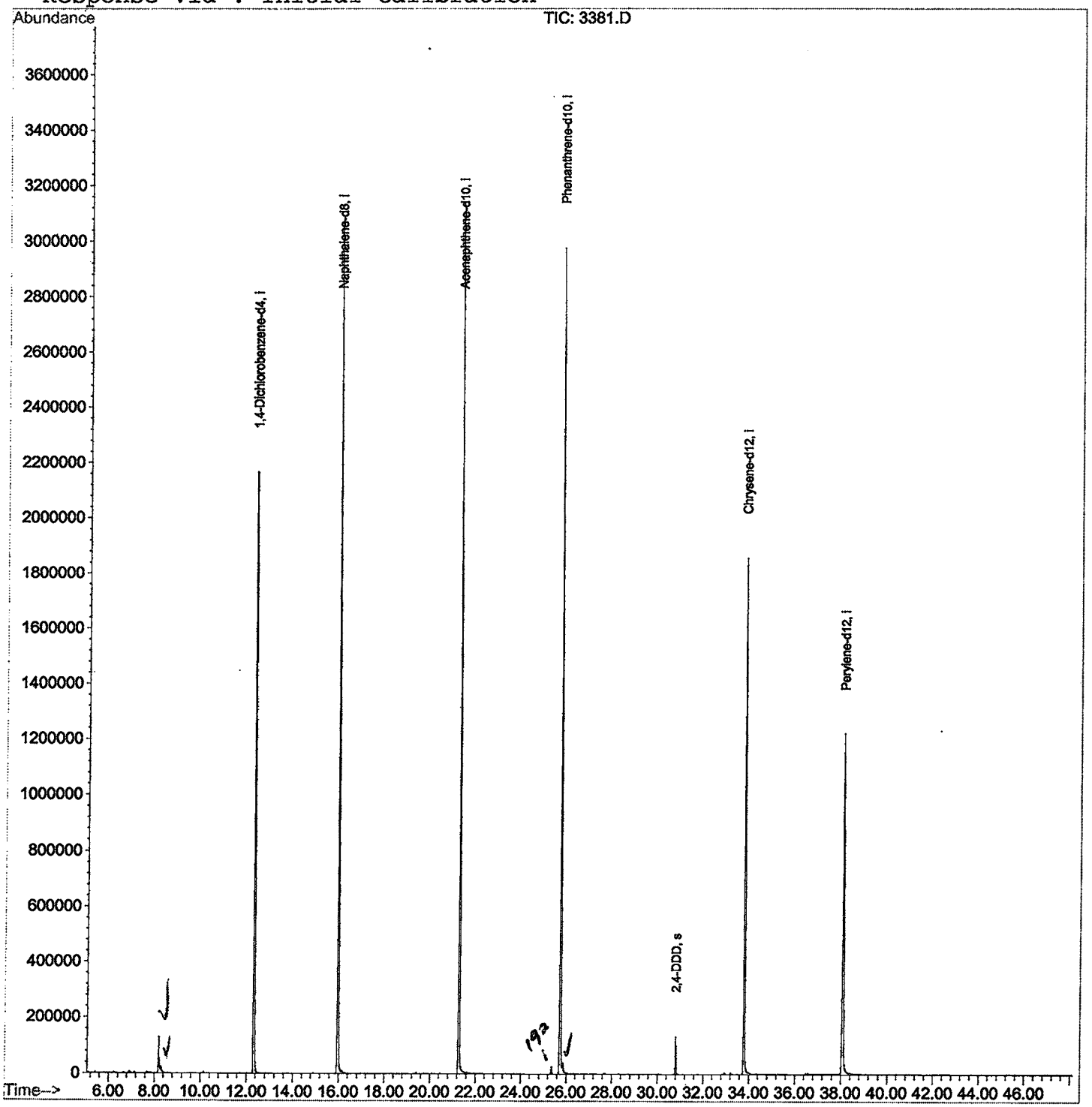
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.73	178	886	N.D.	
34) Anthracene	25.73	178	886	N.D.	
35) Di-n-butylphthalate	27.70	149	6208	N.D.	
36) Fluoranthene	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	33.80	228	3939	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.99	149	2511	N.D.	
43) Chrysene	33.80	228	3939	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	38.08	252	4720	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\MAR0102\3381.D Vial: 45
Acq On : 3 Mar 2002 7:37 am Operator:
Sample : gc/ms scan 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 6 14:42 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



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3381.D Vial: 45
Acq On : 3 Mar 2002 7:37 am Operator:
Sample : gc/ms scan 2/4 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

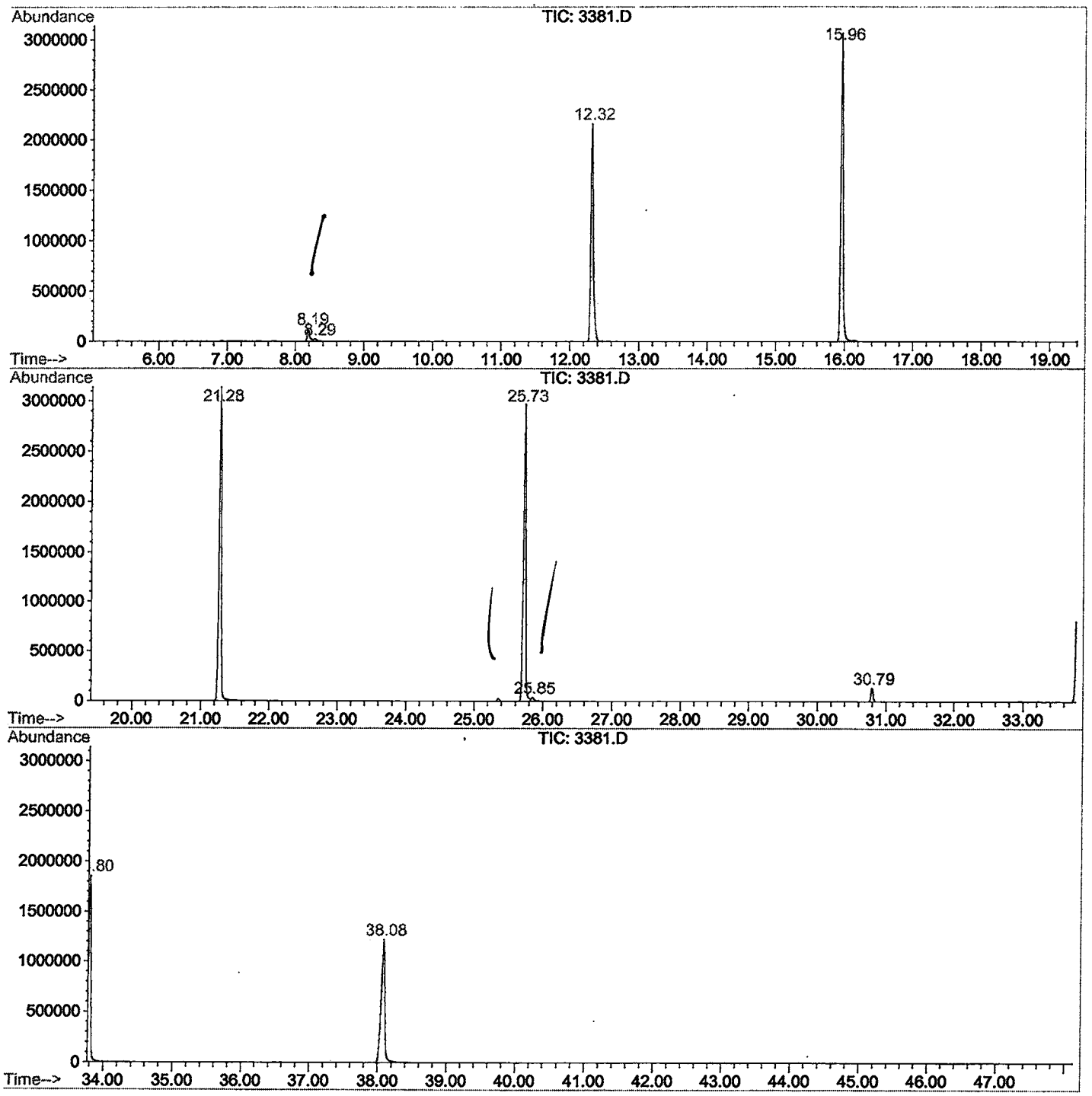
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.189	339	343	351	rBV	129167	306632	4.23%	0.845%
2	8.290	351	354	368	rVB	23148	76276	1.05%	0.210%
3	12.320	787	793	814	rBV	2166304	5189203	71.51%	14.292%
4	15.964	1183	1190	1207	rBV	3066533	6832706	94.16%	18.819%
5	21.280	1761	1769	1782	rBV	3142043	7256655	100.00%	19.987%
6	25.732	2245	2254	2264	rBV2	2977447	7161738	98.69%	19.725%
7	25.851	2264	2267	2282	rVB	35830	111470	1.54%	0.307%
8	30.790	2800	2805	2812	rBV	133737	286750	3.95%	0.790%
9	33.802	3123	3133	3151	rBV	1858909	4869760	67.11%	13.413%
10	38.080	3587	3599	3618	rBV2	1220486	4216070	58.10%	11.612%

Sum of corrected areas: 36307260

3381.D GCMS0208.M Mon Mar 25 12:20:48 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\3381.D
Operator :
Acquired : 3 Mar 2002 7:37 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/4
Misc Info :
Vial Number: 45
Quant File :GCMS0208.RES (RTE Integrator)



3381.D GCMS0208.M Mon Mar 25 12:20:54 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3381.D Vial: 45
Acq On : 3 Mar 2002 7:37 am Operator:
Sample : gc/ms scan 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

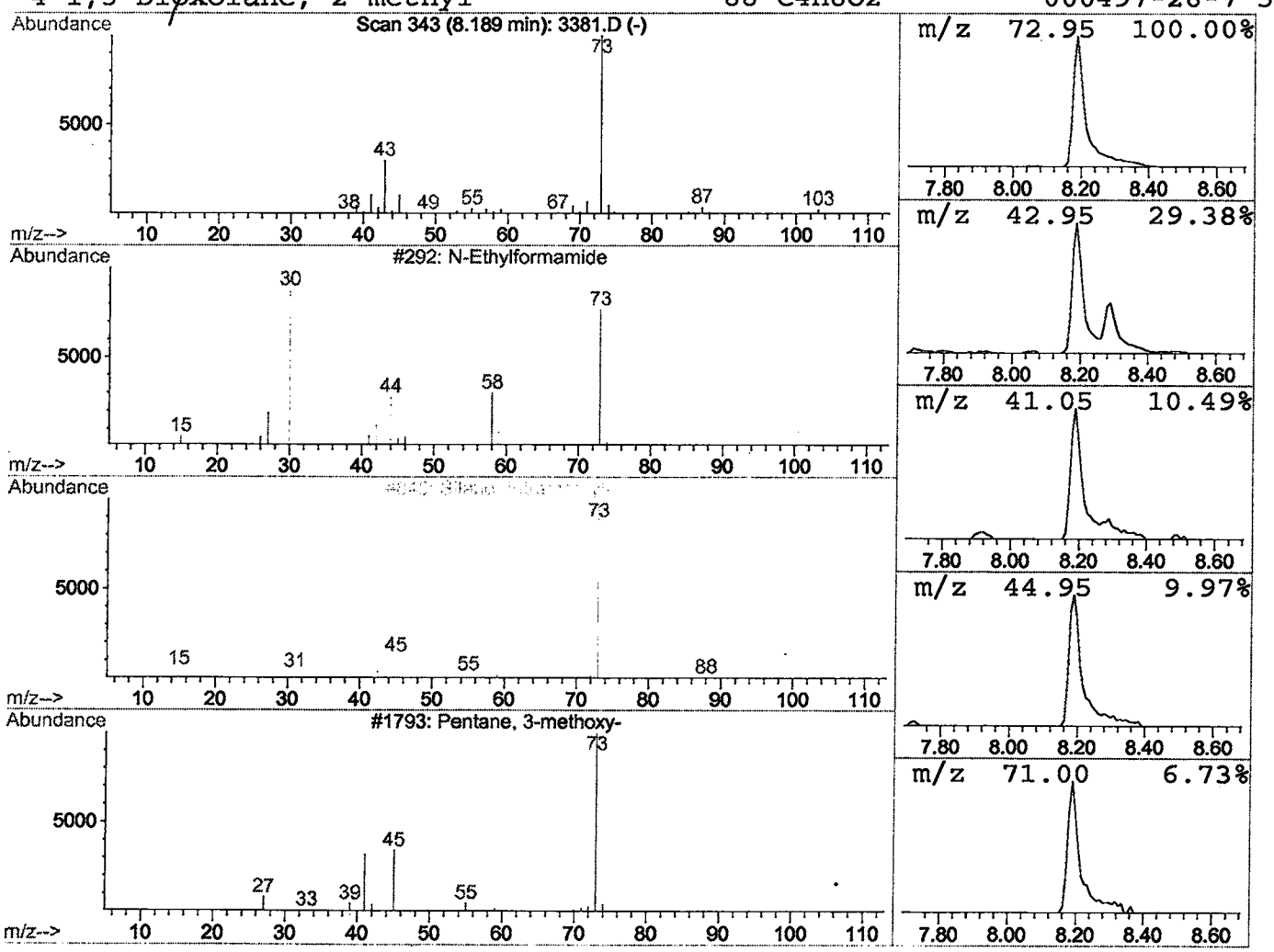
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	1.18 ug/l	306632	1,4-Dichlorobenzene-d4	12.32

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3381.D Vial: 45
Acq On : 3 Mar 2002 7:37 am Operator:
Sample : gc/ms scan 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

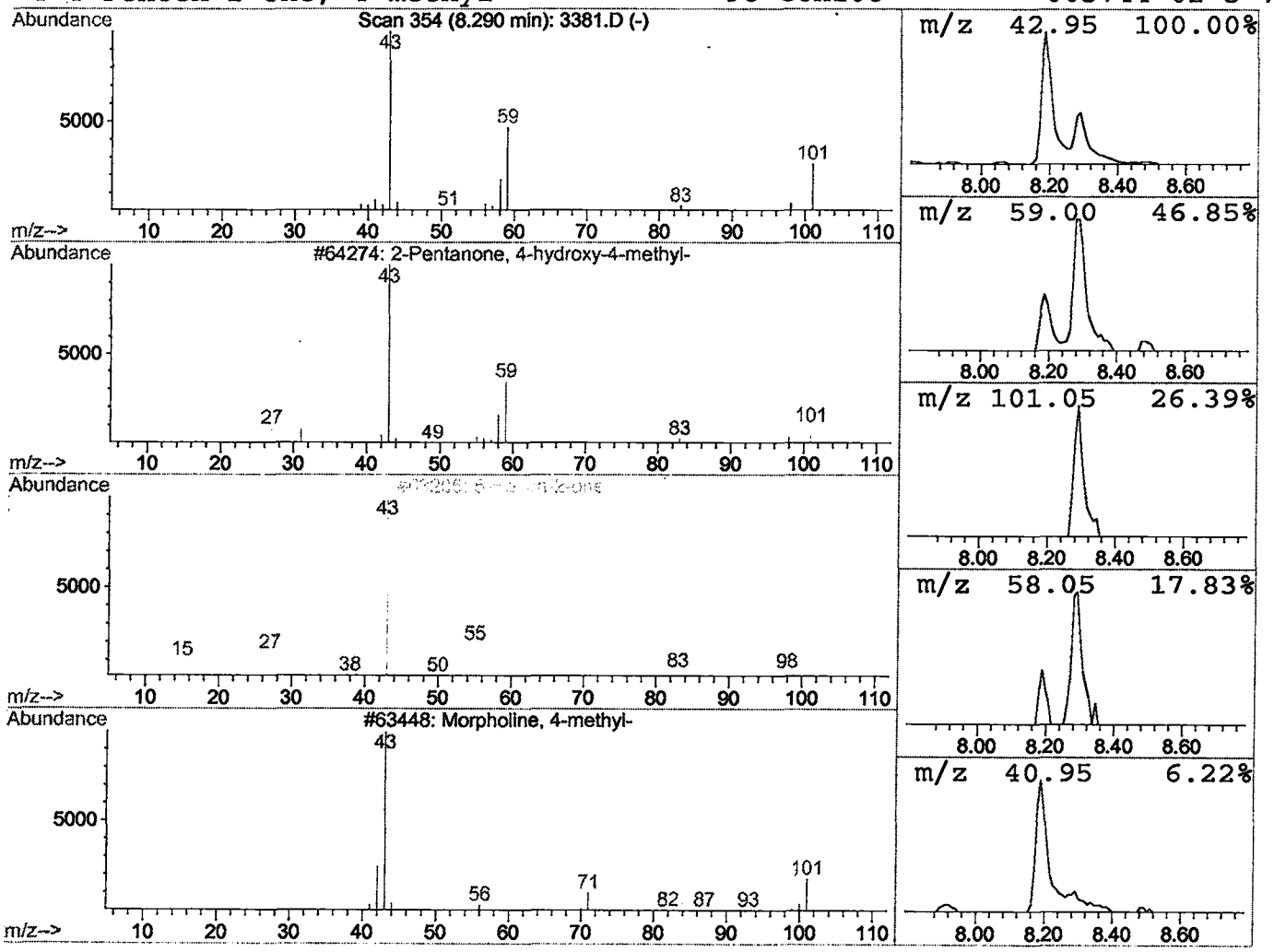
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Pentanone, 4-hydroxy-4-methy Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.29	0.29 ug/l	76276	1,4-Dichlorobenzene-d4	12.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	5-Hexen-2-one	98	C6H10O	000109-49-9	9
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	4-Penten-2-one, 4-methyl-	98	C6H10O	003744-02-3	7



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3381.D Vial: 45
Acq On : 3 Mar 2002 7:37 am Operator:
Sample : gc/ms scan 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

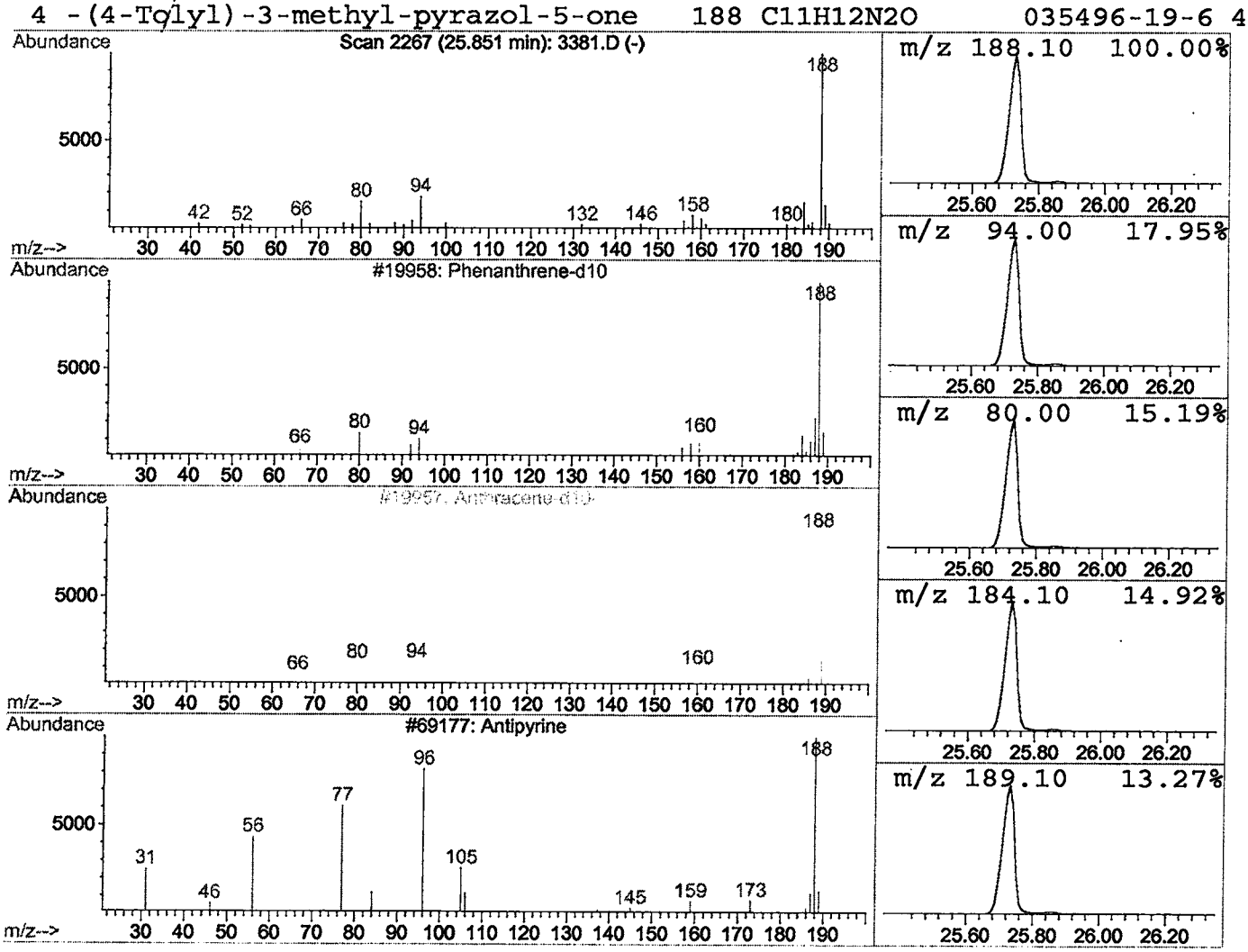
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.31 ug/l	111470	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	72
2	Anthracene-d10	188	C14D10	001719-06-8	50
3	Antipyrine	188	C11H12N2O	000060-80-0	40
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Mar 2002 7:37 am
Data File: C:\HPCHEM\1\DATA\MAR0102\3381.D
Name: gc/ms scan 2/4
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
N-Ethylformamide	8.19	1.2	ug/l	306632	ISTD01	12.32	5189200	20.0
2-Pentanone, 4-hydro	8.29	0.3	ug/l	76276	ISTD01	12.32	5189200	20.0
Phenanthrene-d10	25.85	0.3	ug/l	111470	ISTD04	25.73	7161740	20.0

3381.D GCMS0208.M Mon Mar 25 12:21:11 2002