Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\3265.D Vial: 40
Acq On : 3 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 6 11:25 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

Clean w/ reinj

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.32	152	695192	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	2713675	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.28	164	1422526	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.73	188	2105739	20.00	ug/l	-0.04
38) Chrysene-d12	33.79	240	1412320	20.00	ug/l	-0.06
44) Perylene-d12	38.08	264	938913	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.80	235	57565	2.62	ug/mL	0.30
Spiked Amount 5.000			Recovery = 52.40%			
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	16.02	128	453	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	20.63	163	1175	N.D.		
21) 2,6-Dinitrotoluene	0.00	165	0	N.D.		
22) Acenaphthylene	20.80	152	184	N.D.		
23) Acenaphthene	21.36	153	214	N.D.		
24) 2,4-Dinitrotoluene	21.69	165	442	N.D.		
25) Diethylphthalate	22.76	149	1522	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

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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	25.78	178	924	N.D.	
34)	Anthracene	25.91	178	402	N.D.	
35)	Di-n-butylphthalate	27.69	149	9415	N.D.	
36)	Fluoranthene	29.42	202	182	N.D.	
39)	Pyrene	30.11	202	184	N.D.	
40)	Butylbenzylphthalate	0.00	149	0	N.D.	
41)	Benzo(a)anthracene	33.79	228	5338	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	2273	N.D.	
43)	Chrysene	33.86	228	955	N.D.	
45)	Di-n-Octylphthalate	0.00	149	0	N.D.	
46)	Benzo(b)fluoranthene	36.93	252	1060	N.D.	
47)	Benzo(k)fluoranthene	36.93	252	1060	N.D.	
48)	Benzo(a)pyrene	38.08	252	4009	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

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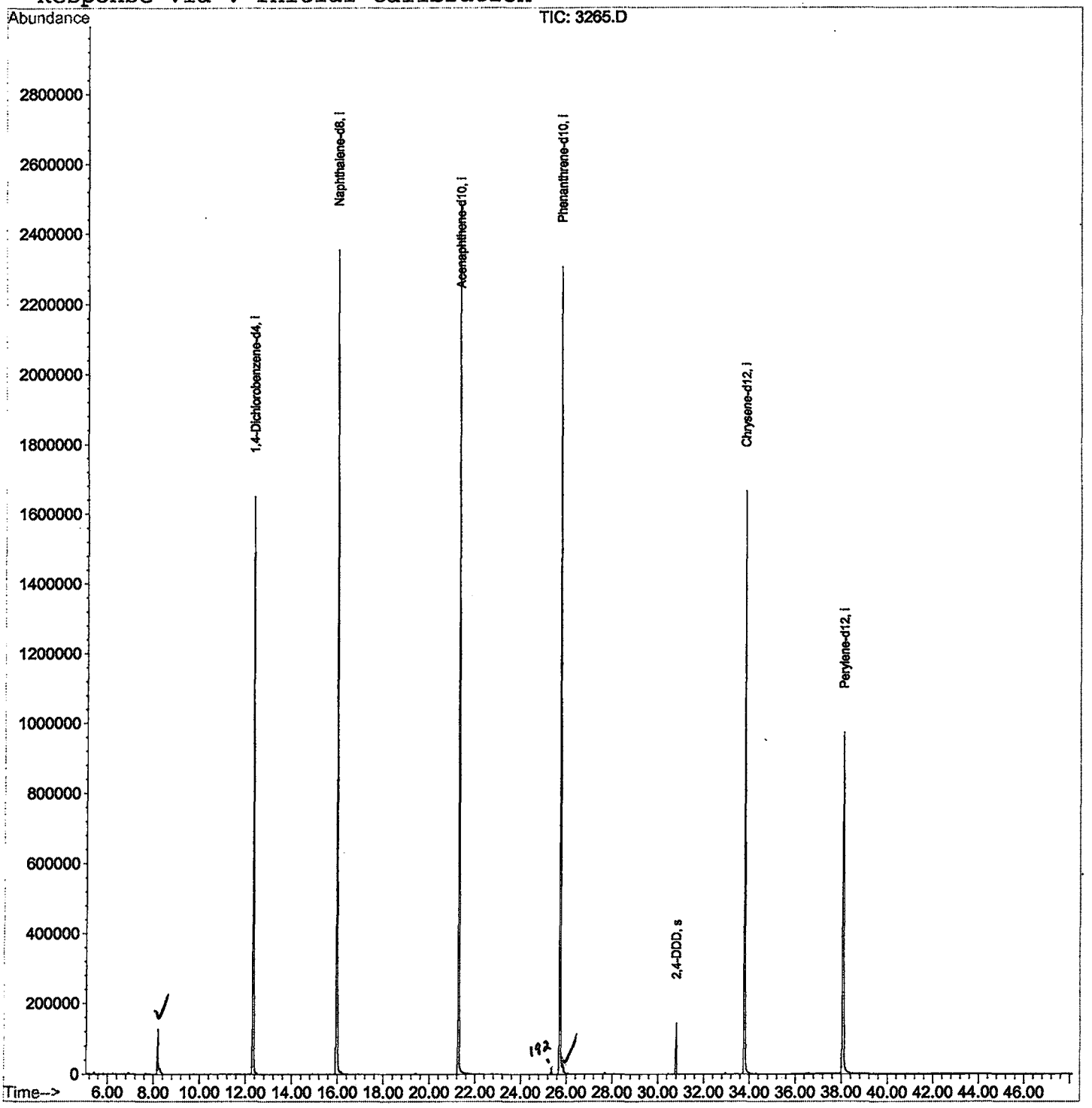
Acq On : 3 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 6 11:25 2002 Quant Results File: GCMS0208.RES

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\3265.D Vial: 40
Acq On : 3 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/4 fb 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

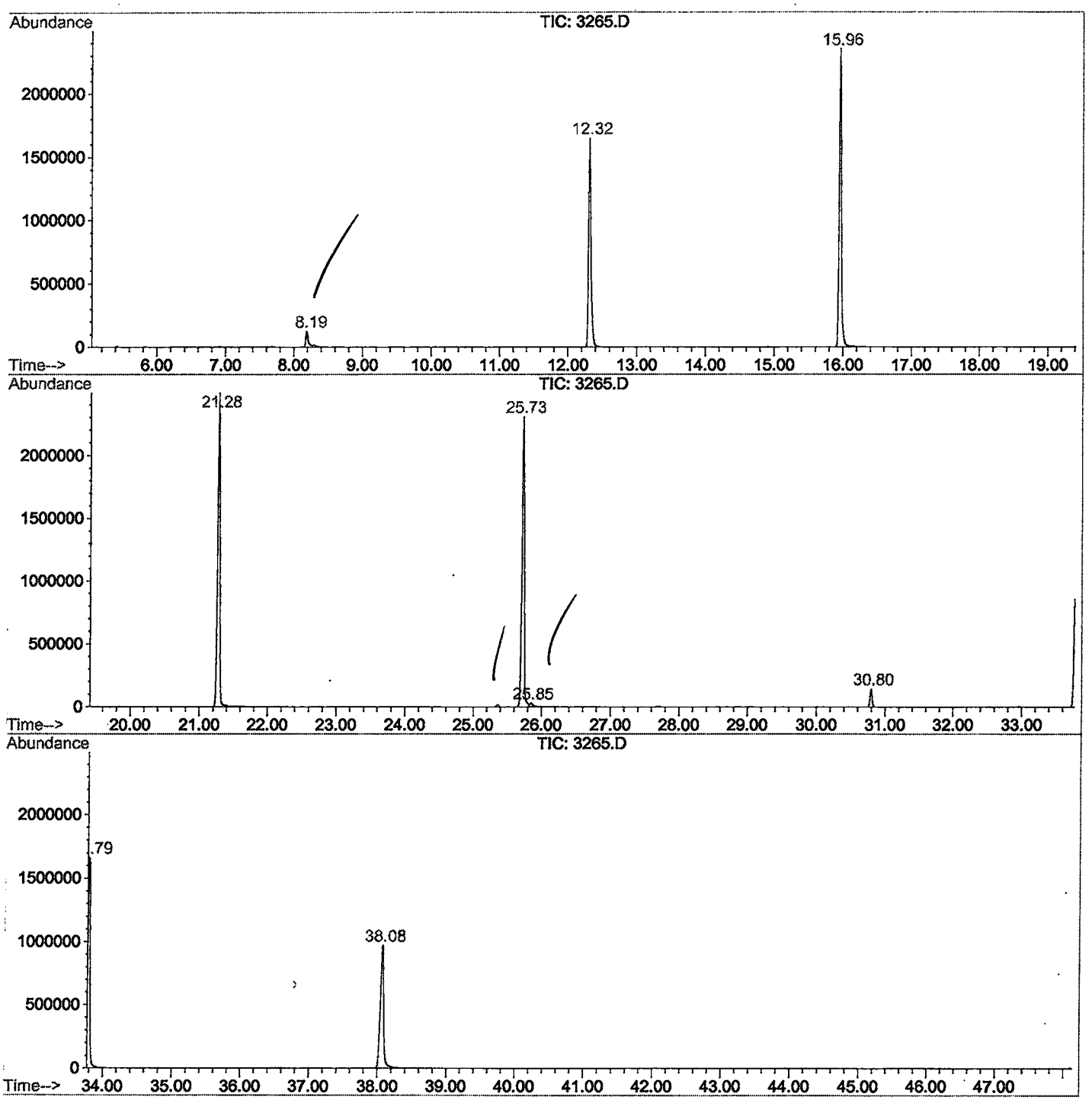
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.186	338	342	351	rBV	126231	308338	5.50%	1.077%
2	12.317	786	792	813	rBV	1649070	3938228	70.26%	13.760%
3	15.962	1182	1189	1206	rBV	2354403	5261424	93.87%	18.383%
4	21.277	1760	1768	1784	rBV	2494098	5605070	100.00%	19.584%
5	25.730	2245	2253	2263	rBV2	2305980	5520158	98.49%	19.287%
6	25.849	2263	2266	2285	rVB	29943	101967	1.82%	0.356%
7	30.797	2799	2805	2814	rBV	143201	293134	5.23%	1.024%
8	33.790	3123	3131	3148	rBV2	1663473	4277492	76.31%	14.945%
9	38.077	3587	3598	3624	rBV2	969734	3315059	59.14%	11.583%

Sum of corrected areas: 28620870

3265.D GCMS0208.M Mon Mar 25 12:16:19 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\3265.D
Operator :
Acquired : 3 Mar 2002 2:39 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/4 fb
Misc Info :
Vial Number: 40
Quant File :GCMS0208.RES (RTE Integrator)



3265.D GCMS0208.M Mon Mar 25 12:16:25 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3265.D Vial: 40
Acq On : 3 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

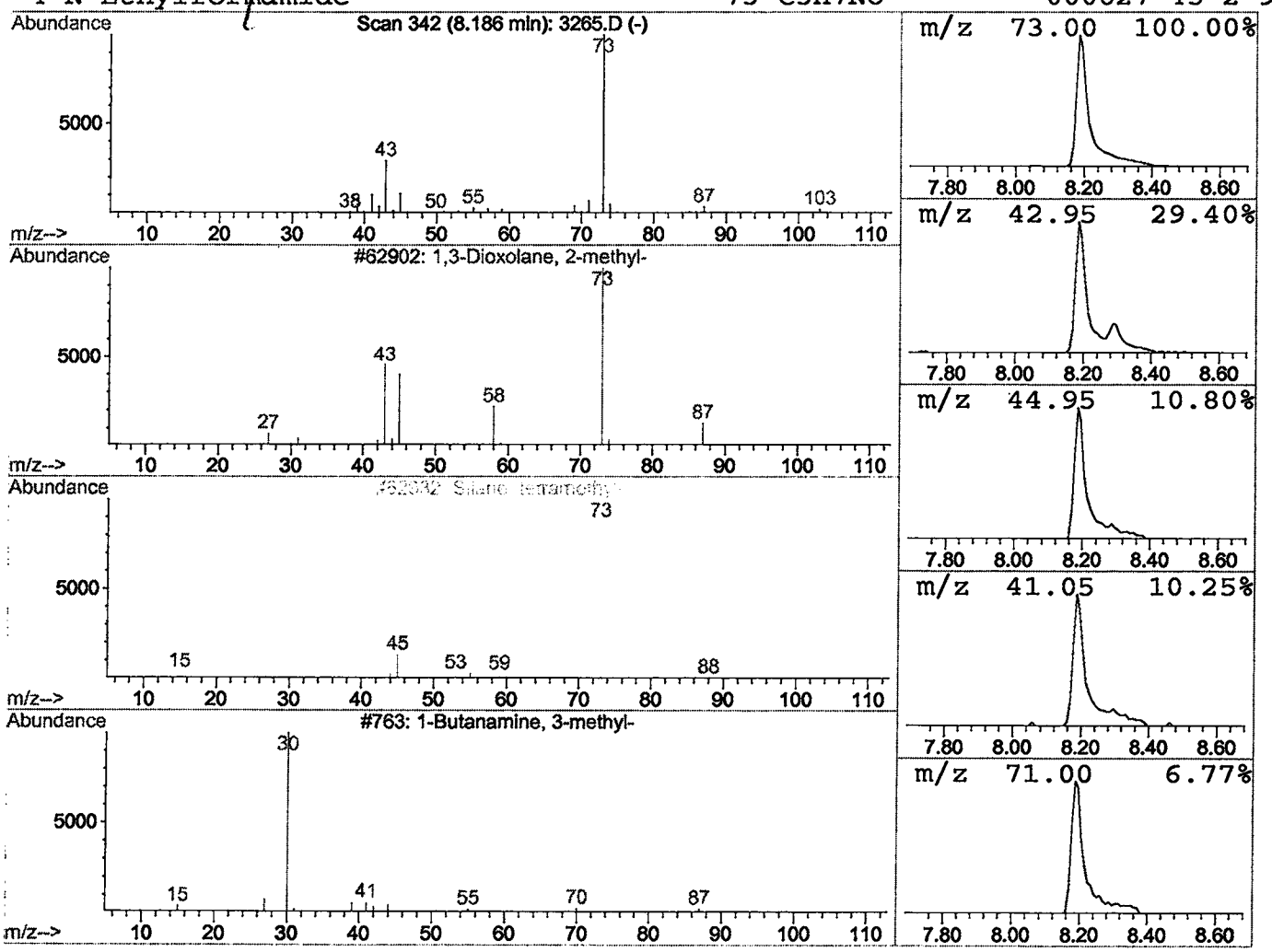
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1,3-Dioxolane, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	1.57 ug/l	308338	1,4-Dichlorobenzene-d4	12.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
2	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
3	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	9
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3265.D Vial: 40
Acq On : 3 Mar 2002 2:39 am Operator:
Sample : gc/ms scan 2/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

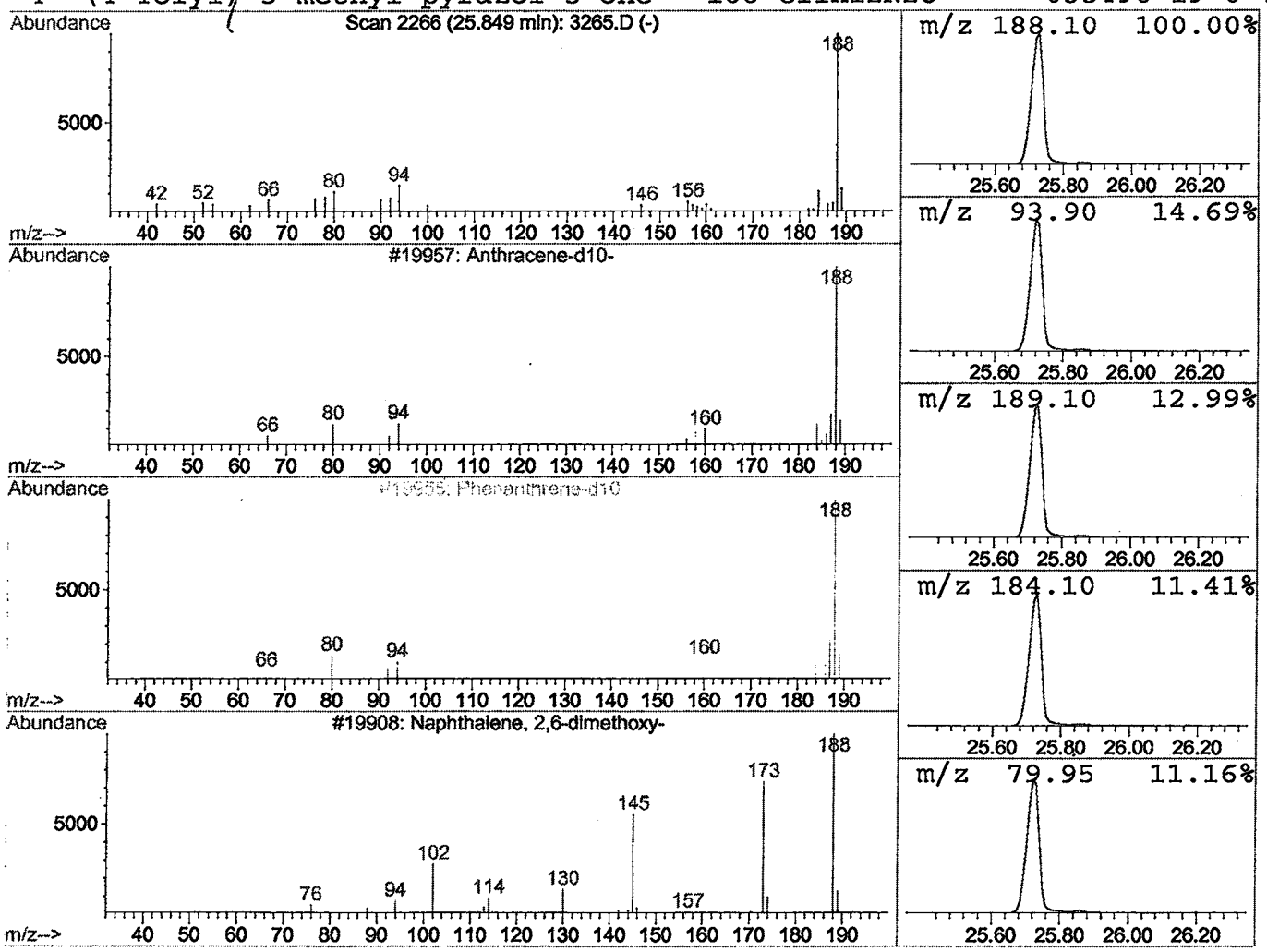
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Anthracene-d10- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.37 ug/l	101967	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene-d10	188	C14D10	001719-06-8	80
2	Phenanthrene-d10	188	C14D10	001517-22-2	80
3	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	53
4	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	47



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Mar 2002 2:39 am
Data File: C:\HPCHEM\1\DATA\MAR0102\3265.D
Name: gc/ms scan 2/4 fb
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
1,3-Dioxolane, 2-met	8.19	1.6	ug/l	308338	ISTD01	12.32	3938230	20.0
Anthracene-d10-	25.85	0.4	ug/l	101967	ISTD04	25.73	5520160	20.0

3265.D GCMS0208.M Mon Mar 25 12:16:38 2002