Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\3281.D Vial: 41
Acq On : 3 Mar 2002 3:39 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 11:27 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 to be re-inj.

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	12.32	152	718361	20.00	ug/l	-0.03
10) Naphthalene-d8	15.97	136	2798117	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.28	164	1481986	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.73	188	2173224	20.00	ug/l	-0.04
38) Chrysene-d12	33.79	240	1434674	20.00	ug/l	-0.05
44) Perylene-d12	38.07	264	947407	20.00	ug/l	-0.05
System Monitoring Compounds						
37) 2,4-DDD	30.79	235	60562	2.67	ug/mL	0.29
Spiked Amount 5.000			Recovery =	53.40%		
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	16.01	128	226	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	21.59	165	459	N.D.		
25) Diethylphthalate	22.75	149	202	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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Title : 209 625/TCLP calibration table
Last Update : Wed Feb 27 11:30:15 2002
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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	702	N.D.	
34)	Anthracene	25.73	178	615	N.D.	
35)	Di-n-butylphthalate	27.69	149	8445	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	33.79	228	3559	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	2013	N.D.	
43)	Chrysene	33.79	228	3559	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	38.07	252	3750	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

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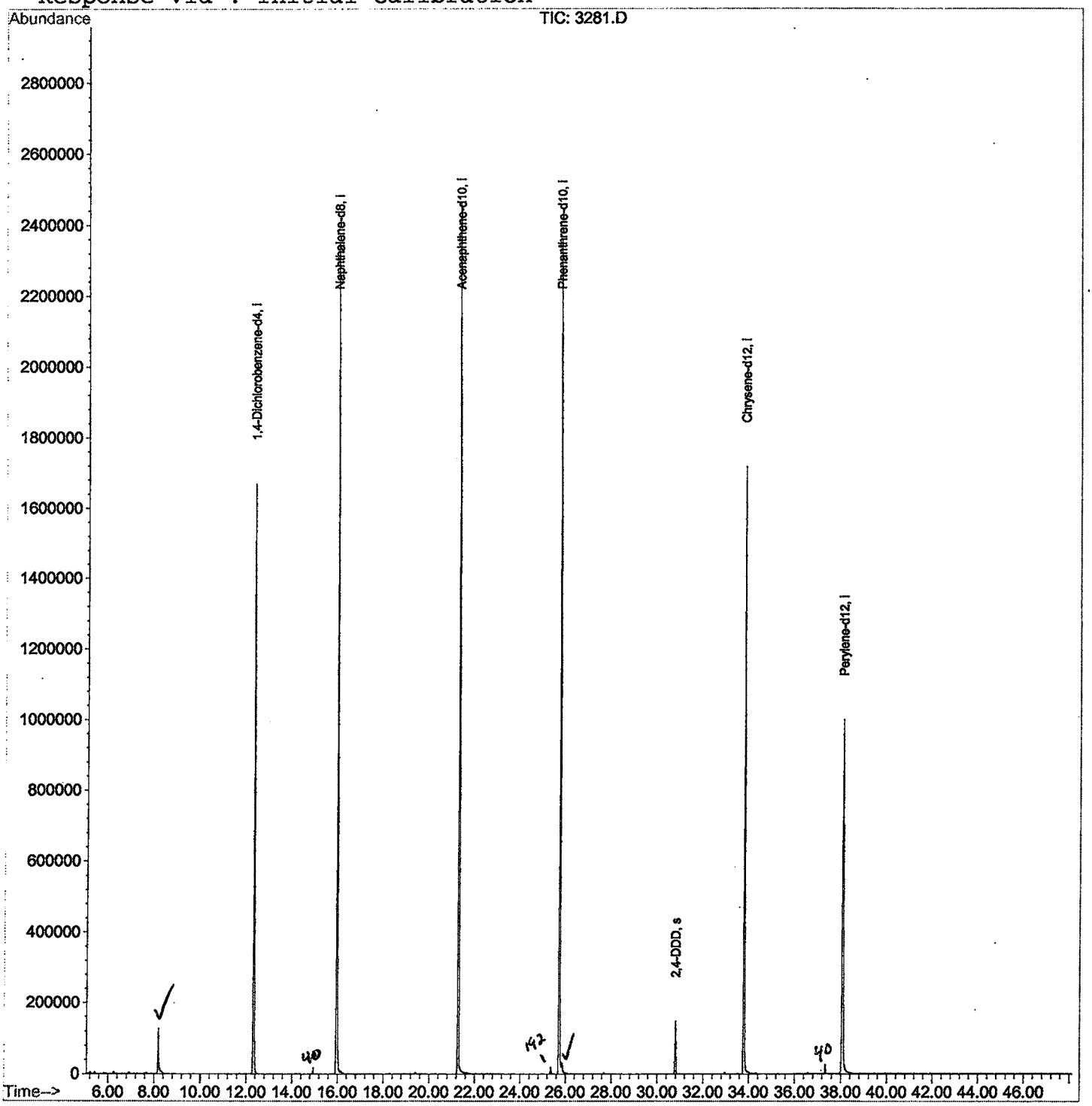
Acq On : 3 Mar 2002 3:39 am Operator:
Sample : gc/ms scan 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 6 11:27 2002 Quant Results File: GCMS0208.RES

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\3281.D Vial: 41
Acq On : 3 Mar 2002 3:39 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

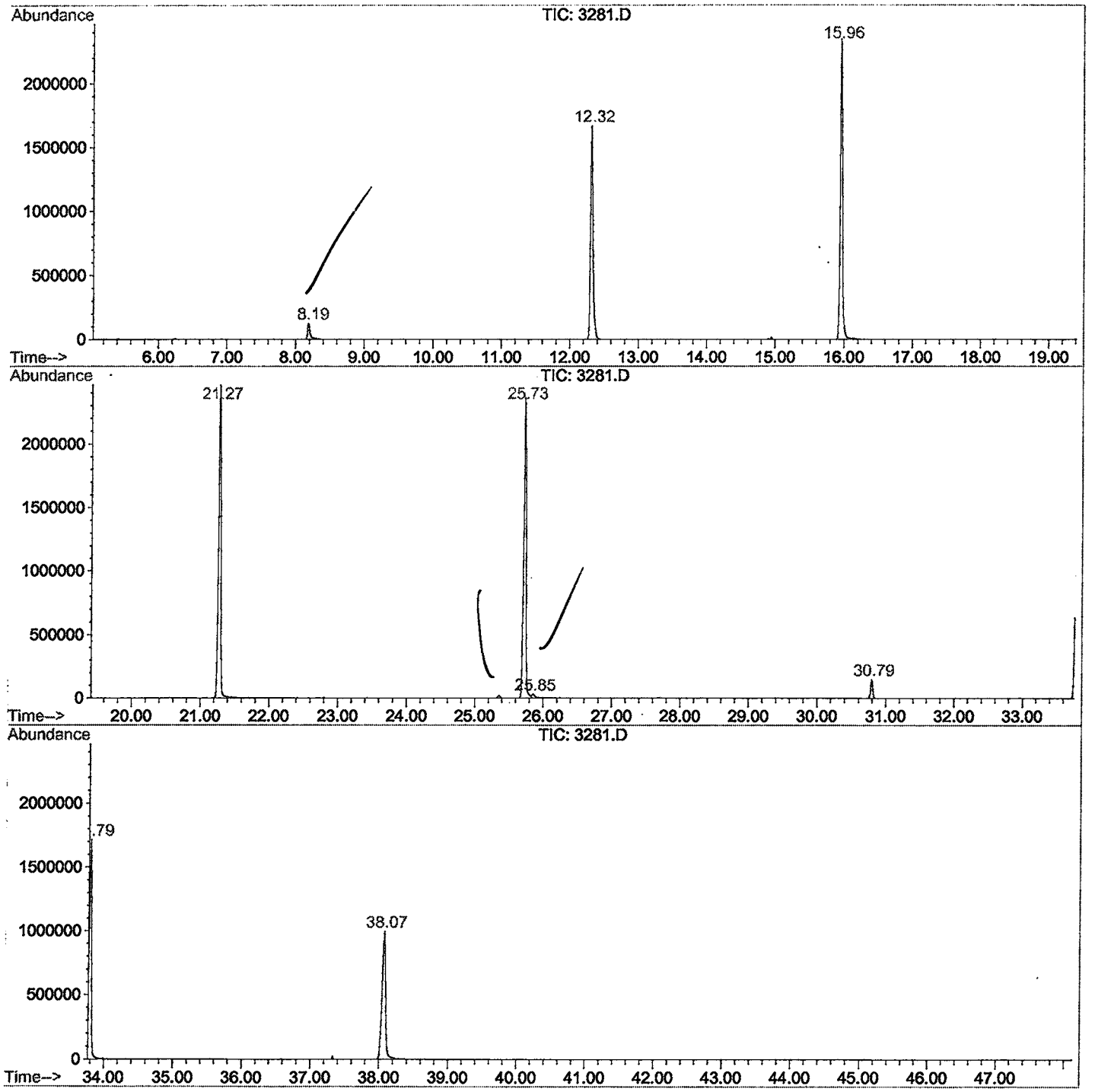
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.191	338	343	358	rBV	125938	324759	5.57%	1.104%
2	12.322	787	793	815	rBV	1667639	4054579	69.59%	13.784%
3	15.957	1183	1189	1207	rBV	2347808	5422563	93.07%	18.435%
4	21.273	1761	1768	1787	rBV	2464483	5826087	100.00%	19.807%
5	25.725	2245	2253	2264	rBV2	2361026	5678455	97.47%	19.305%
6	25.854	2264	2267	2277	rVB	27424	79450	1.36%	0.270%
7	30.793	2800	2805	2818	rVB	147139	307606	5.28%	1.046%
8	33.795	3124	3132	3150	rBV2	1715596	4344592	74.57%	14.770%
9	38.073	3586	3598	3624	rBV2	996173	3376215	57.95%	11.478%

Sum of corrected areas: 29414306

3281.D GCMS0208.M Mon Mar 25 12:17:11 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\3281.D
Operator :
Acquired : 3 Mar 2002 3:39 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/4
Misc Info :
Vial Number: 41
Quant File :GCMS0208.RES (RTE Integrator)



3281.D GCMS0208.M Mon Mar 25 12:17:17 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3281.D Vial: 41
Acq On : 3 Mar 2002 3:39 am Operator:
Sample : gc/ms scan 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

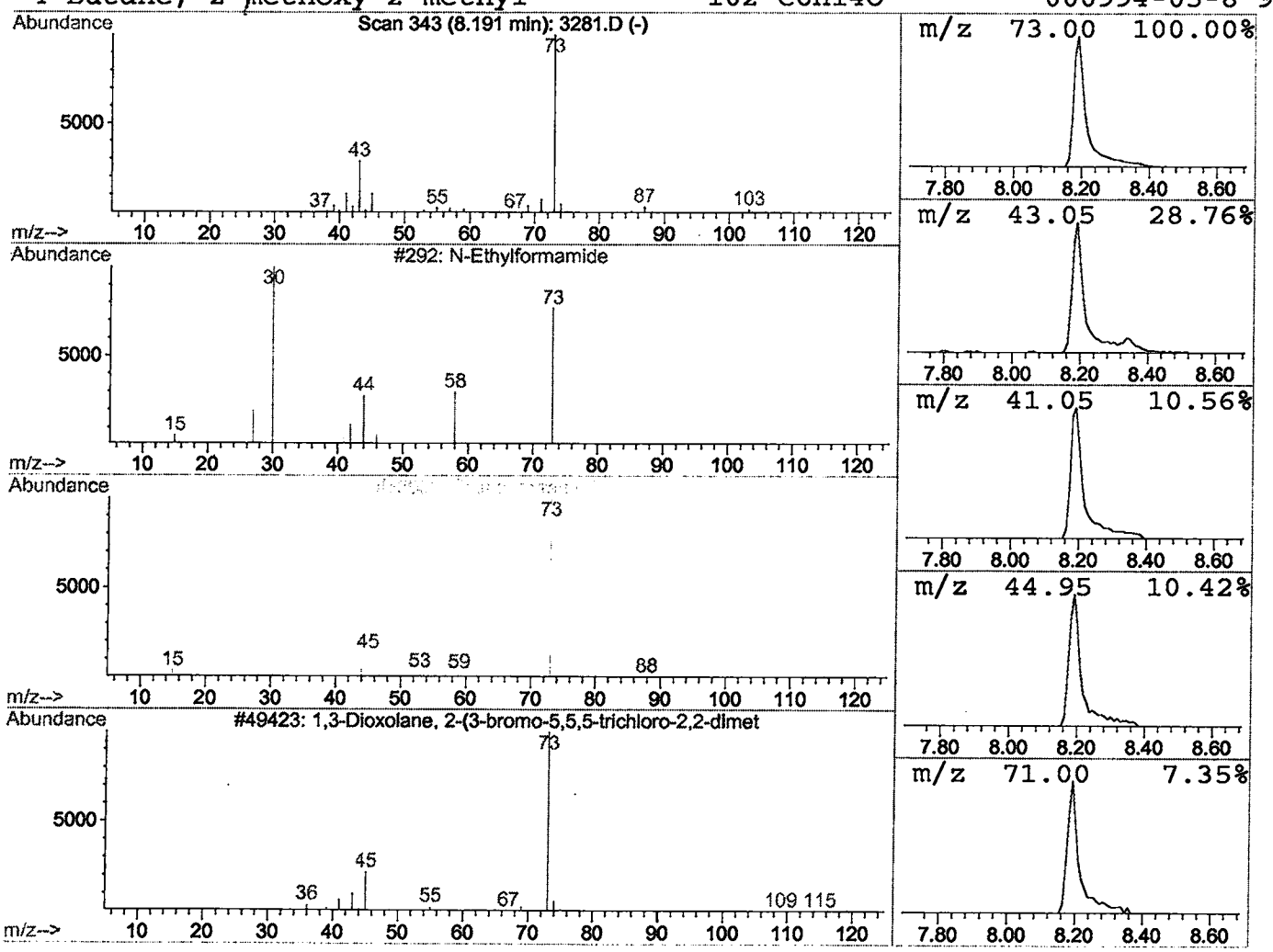
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 N-Ethylformamide Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	1.60 ug/l	324759	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	1,3-Dioxolane, 2-(3-bromo-5,5,5-tri	352	C10H16BrCl3O2	000000-00-0	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3281.D Vial: 41
Acq On : 3 Mar 2002 3:39 am Operator:
Sample : gc/ms scan 2/4 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

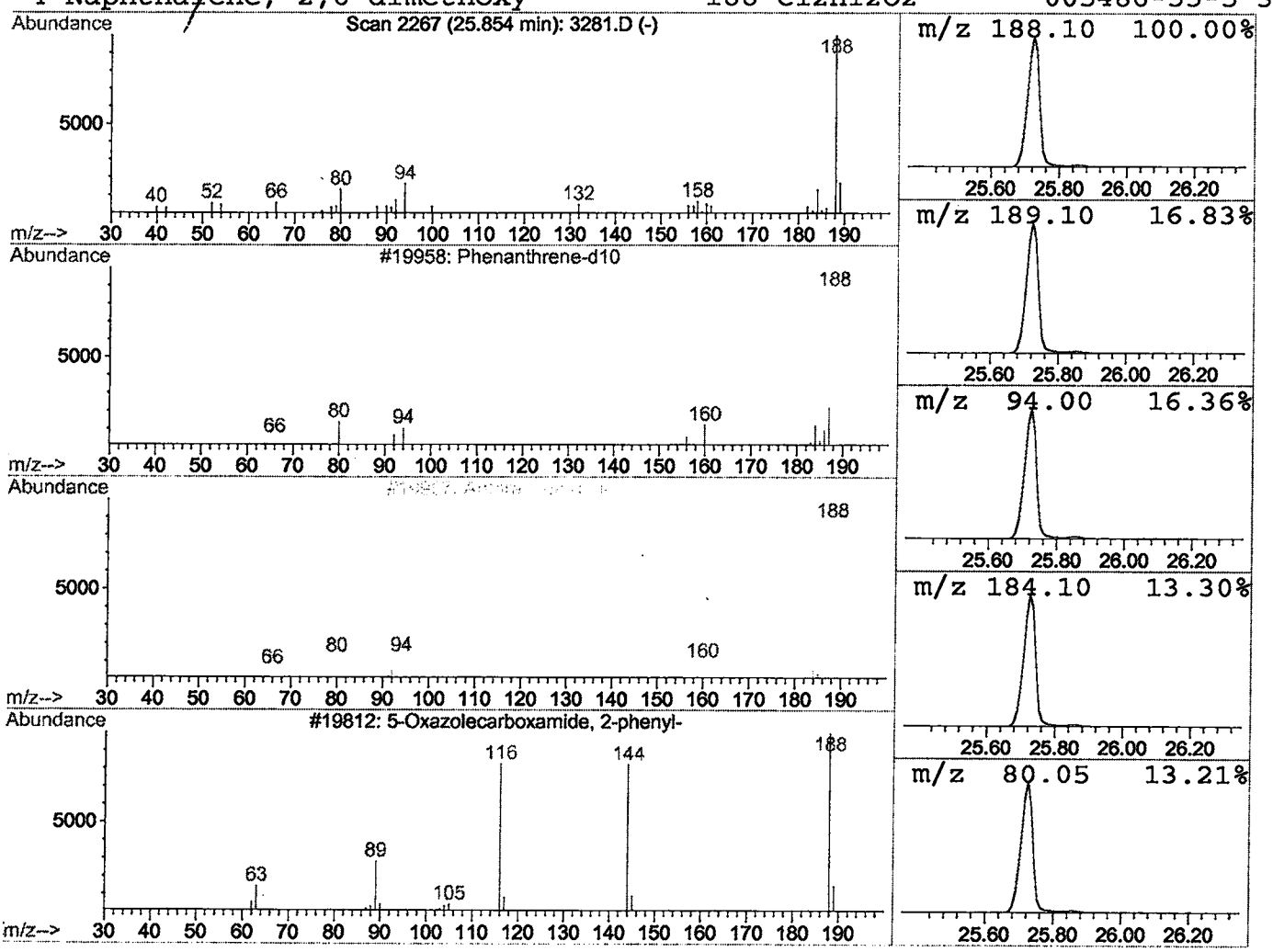
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.85	0.28 ug/l	79450	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	90
2	Anthracene-d10-	188	C14D10	001719-06-8	87
3	5-Oxazolecarboxamide, 2-phenyl-	188	C10H8N2O2	039819-42-6	38
4	Naphthalene, 2,6-dimethoxy-	188	C12H12O2	005486-55-5	36



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 3 Mar 2002 3:39 am
Data File: C:\HPCHEM\1\DATA\MAR0102\3281.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	1.6	ug/l	324759	ISTD01	12.32	4054580	20.0
Phenanthrene-d10	25.85	0.3	ug/l	79450	ISTD04	25.73	5678460	20.0

3281.D GCMS0208.M Mon Mar 25 12:17:30 2002