Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0102\3380.D Vial: 44
Acq On : 3 Mar 2002 6:37 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 25 12:06 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	12.32	152	782021	20.00	ug/l	-0.04
10) Naphthalene-d8	15.96	136	3041982	20.00	ug/l	-0.04
17) Acenaphthene-d10	21.28	164	1586749	20.00	ug/l	-0.04
29) Phenanthrene-d10	25.73	188	2342403	20.00	ug/l	-0.04
38) Chrysene-d12	33.79	240	1278919	20.00	ug/l	-0.06
44) Perylene-d12	38.07	264	835770	20.00	ug/l	-0.06
System Monitoring Compounds						
37) 2,4-DDD	30.80	235	57596	2.35	ug/mL	0.30
Spiked Amount 5.000			Recovery = 47.00%			
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	21.72	165	187	N.D.		
25) Diethylphthalate	0.00	149	0	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
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	613	N.D.	
34)	Anthracene	25.73	178	613	N.D.	
35)	Di-n-butylphthalate	27.68	149	11790	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	3175	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.99	149	2534	N.D.	
43)	Chrysene	33.80	228	3175	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	3290	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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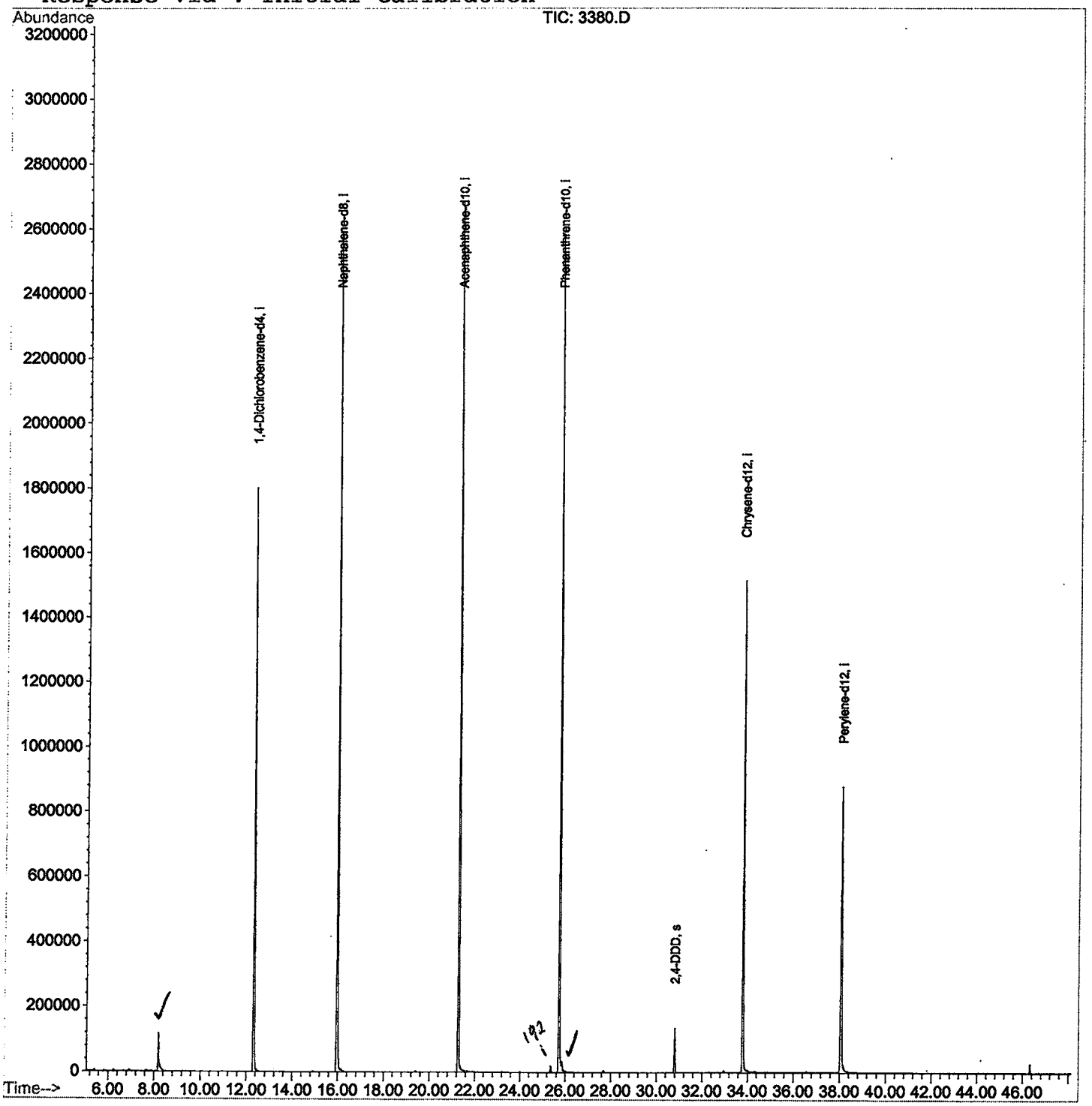
Sample : gc/ms scan 2/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 25 12:06 2002 Quant Results File: GCMS0208.RES

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\3380.D Vial: 44
Acq On : 3 Mar 2002 6:37 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

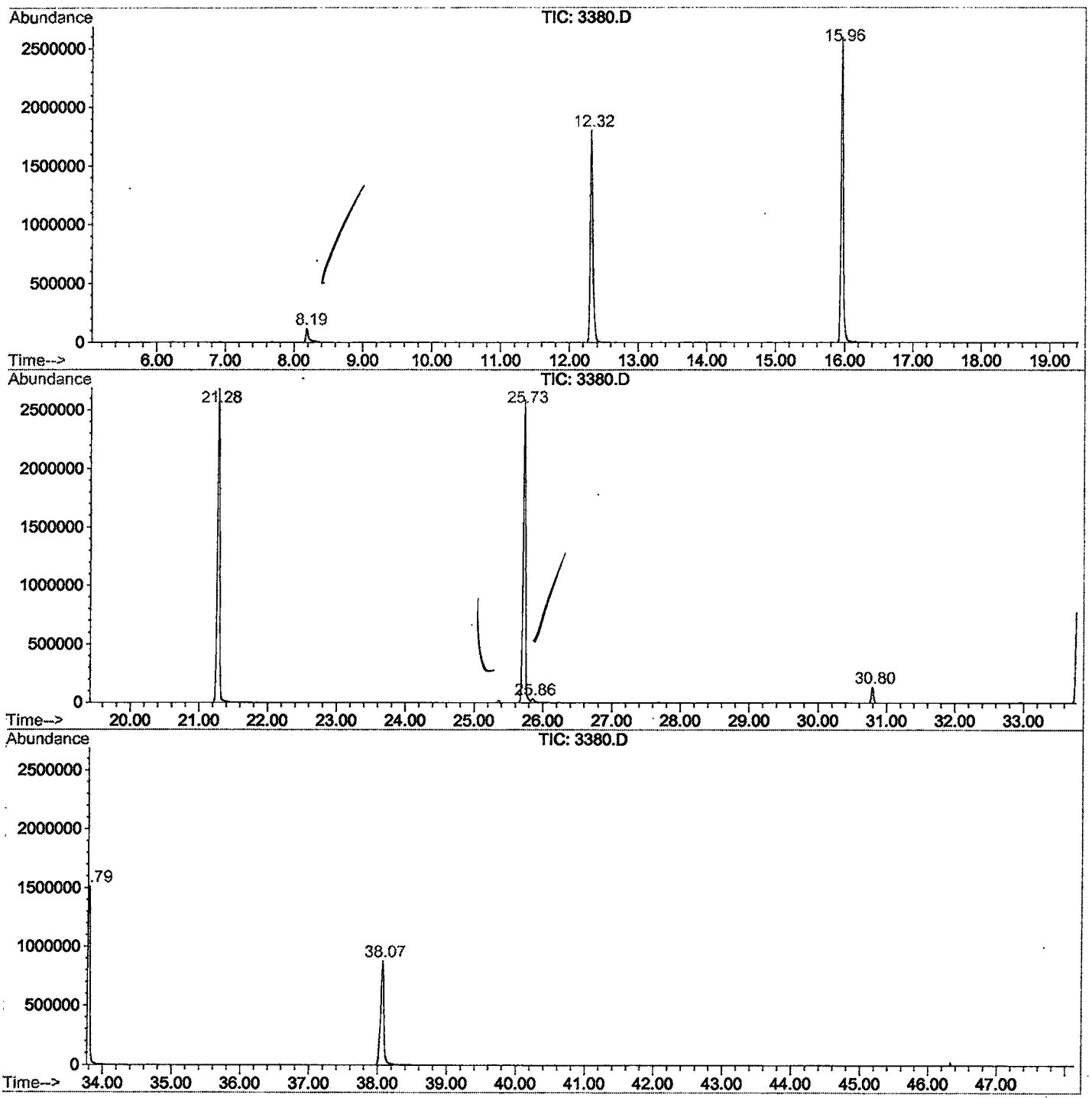
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.185	338	342	359	rBV	117482	334983	5.40%	1.113%
2	12.316	786	792	811	rBV	1802224	4397628	70.91%	14.608%
3	15.961	1182	1189	1206	rBV	2590948	5872569	94.69%	19.508%
4	21.276	1761	1768	1786	rBV	2686349	6201792	100.00%	20.601%
5	25.729	2245	2253	2263	rBV2	2585755	6079882	98.03%	20.196%
6	25.857	2263	2267	2278	rVB	30417	96320	1.55%	0.320%
7	30.796	2799	2805	2810	rBV	136066	292124	4.71%	0.970%
8	33.789	3123	3131	3149	rBV2	1513098	3871928	62.43%	12.862%
9	38.067	3587	3597	3624	rBV2	876827	2956600	47.67%	9.821%

Sum of corrected areas: 30103826

3380.D GCMS0208.M Mon Mar 25 12:19:47 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0102\3380.D
Operator :
Acquired : 3 Mar 2002 6:37 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/4 fb
Misc Info :
Vial Number: 44
Quant File :GCMS0208.RES (RTE Integrator)



3380.D GCMS0208.M Mon Mar 25 12:19:53 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3380.D Vial: 44
Acq On : 3 Mar 2002 6:37 am Operator:
Sample : gc/ms scan 2/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

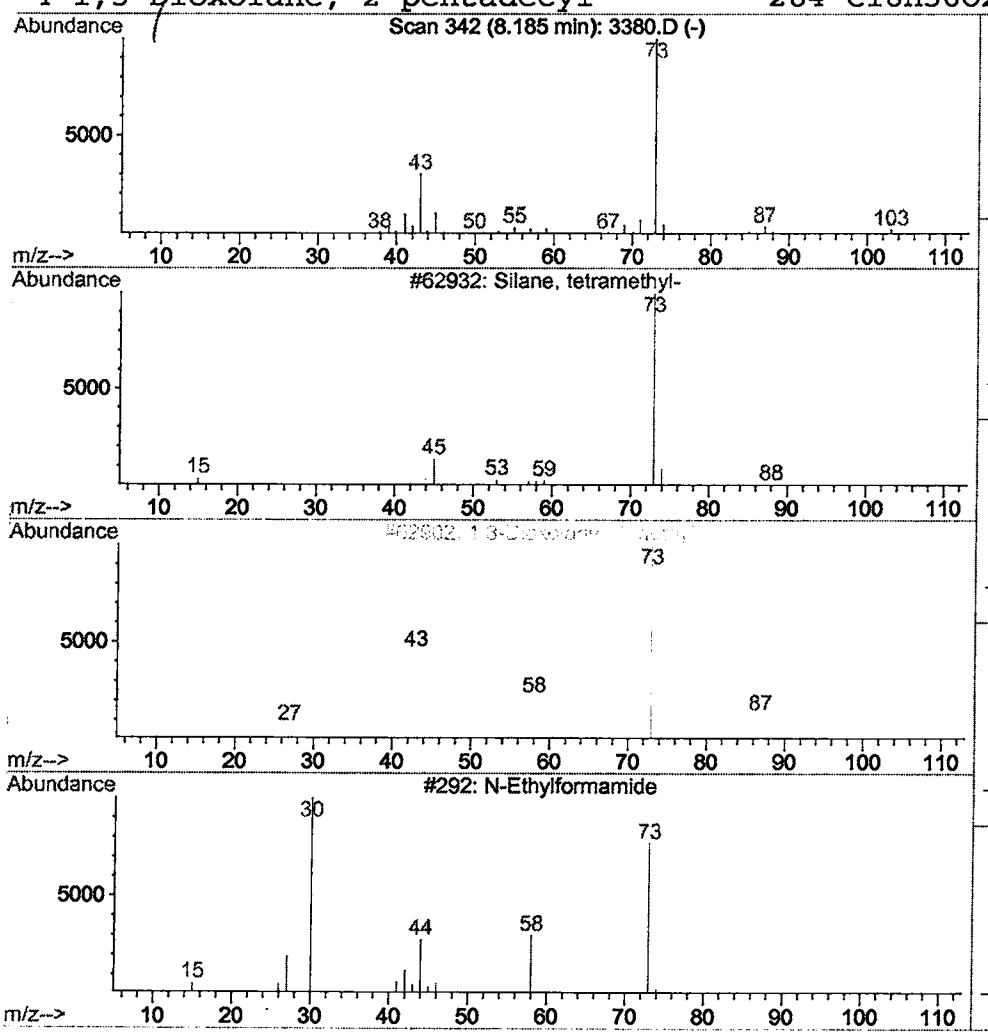
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

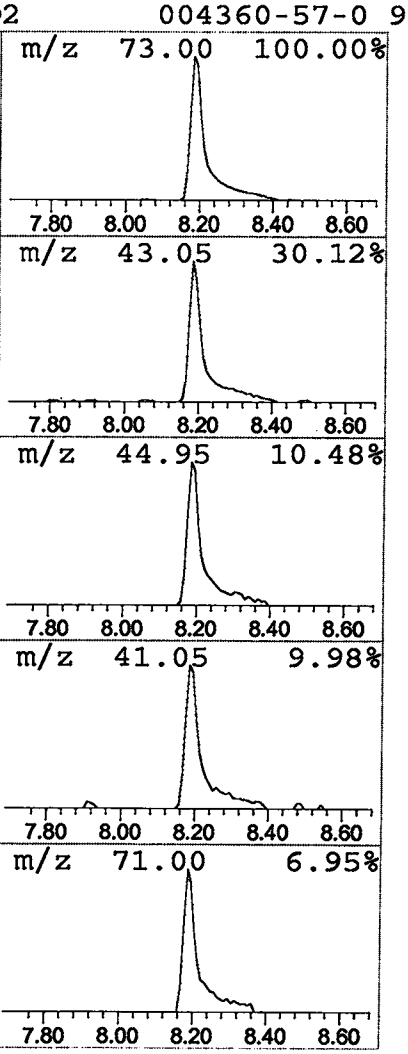
****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	1.52 ug/l	334983	1,4-Dichlorobenzene-d4	12.32

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





Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0102\3380.D Vial: 44
Acq On : 3 Mar 2002 6:37 am Operator:
Sample : gc/ms scan 2/4 fb Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

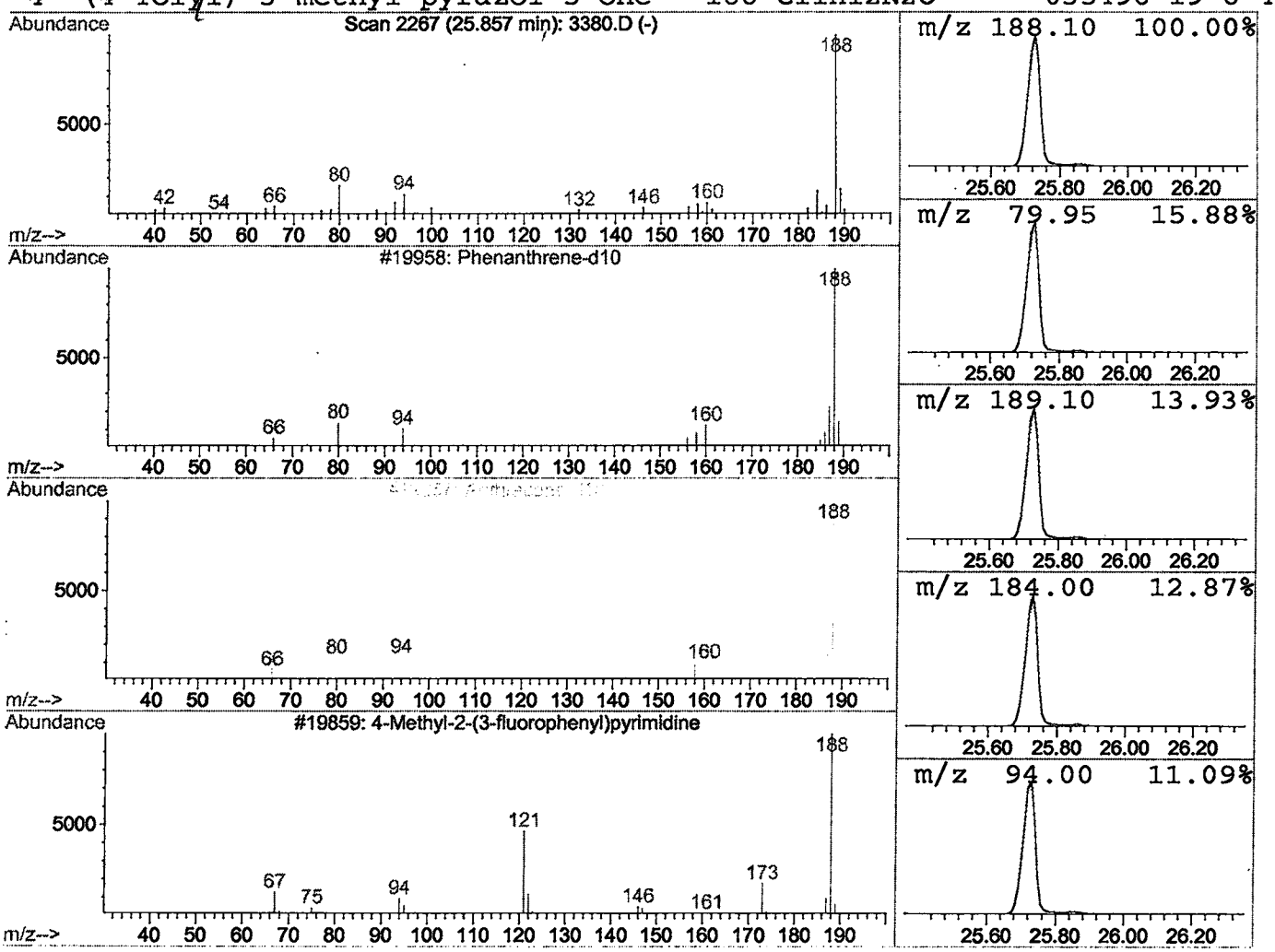
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.86	0.32 ug/l	96320	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	4-Methyl-2-(3-fluorophenyl)pyrimidi	188	C11H9FN2	076128-66-0	50
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 6:37 am
Data File: C:\HPCHEM\1\DATA\MAR0102\3380.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
Silane, tetramethyl-	8.19	1.5	ug/l	334983	ISTD01	12.32	4397630	20.0
Phenanthrene-d10	25.86	0.3	ug/l	96320	ISTD04	25.73	6079880	20.0

3380.D GCMS0208.M Mon Mar 25 12:20:06 2002