User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 03/15/2002 Time: 17:34:46

Sample: AE02712
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 3/15/02 17:32 Ended: 3/15/02 17:32 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		115		5.0

Comments for Sample AE02712 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 03-15-2002 Time: 17:34:50

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds. The recoveries for 2 of the 43 compounds in the LCS Standard were below their acceptance ranges.

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\MAR0702\2712.D Vial: 23
Acq On : 8 Mar 2002 11:22 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 14:40 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	12.31	152	372905	20.00	ug/l	-0.05
10) Naphthalene-d8	15.93	136	1462793	20.00	ug/l	-0.07
17) Acenaphthene-d10	21.25	164	786940	20.00	ug/l	-0.07
29) Phenanthrene-d10	25.69	188	1214876	20.00	ug/l	-0.08
38) Chrysene-d12	33.76	240	982789	20.00	ug/l	-0.08
44) Perylene-d12	38.02	264	740669	20.00	ug/l	-0.10
System Monitoring Compounds						
37) 2,4-DDD	30.77	235	72759	5.73	ug/mL	0.27
Spiked Amount 5.000			Recovery = 114.60%			
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	15.99	128	545	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	22.73	149	601	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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Acq On : 8 Mar 2002 11:22 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
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Quant Time: Mar 13 14:40 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

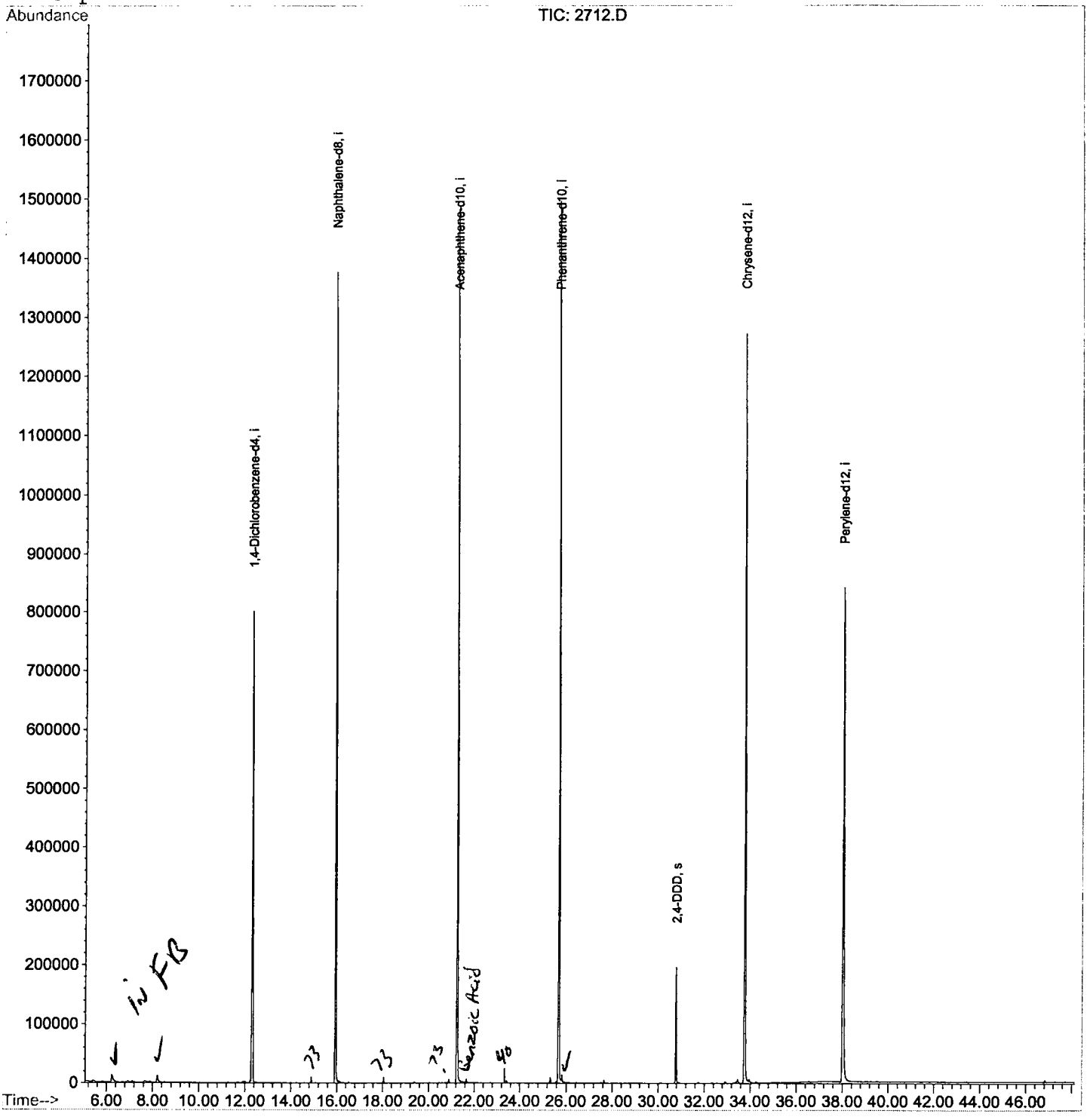
Compound	R.T.	QIon	Response	Conc Unit	Qvalue
30) N-Nitrosodiphenylamine	0.00	168	0	N.D.	
31) 4-Bromophenyl-phenylether	0.00	248	0	N.D.	
32) Hexachlorobenzene	0.00	284	0	N.D.	
33) Phenanthrene	25.69	178	262	N.D.	
34) Anthracene	25.69	178	262	N.D.	
35) Di-n-butylphthalate	27.66	149	7440	N.D.	
36) Fluoranthene	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	33.75	228	2110	N.D.	
42) Bis(2-ethylhexyl)phthalate	33.96	149	3237	N.D.	
43) Chrysene	33.75	228	2110	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	38.03	252	2890	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\MAR0702\2712.D Vial: 23
Acq On : 8 Mar 2002 11:22 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Mar 13 14:40 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\MAR0702\2712.D Vial: 23
Acq On : 8 Mar 2002 11:22 am Operator:
Sample : gc/ms scan 2/5 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

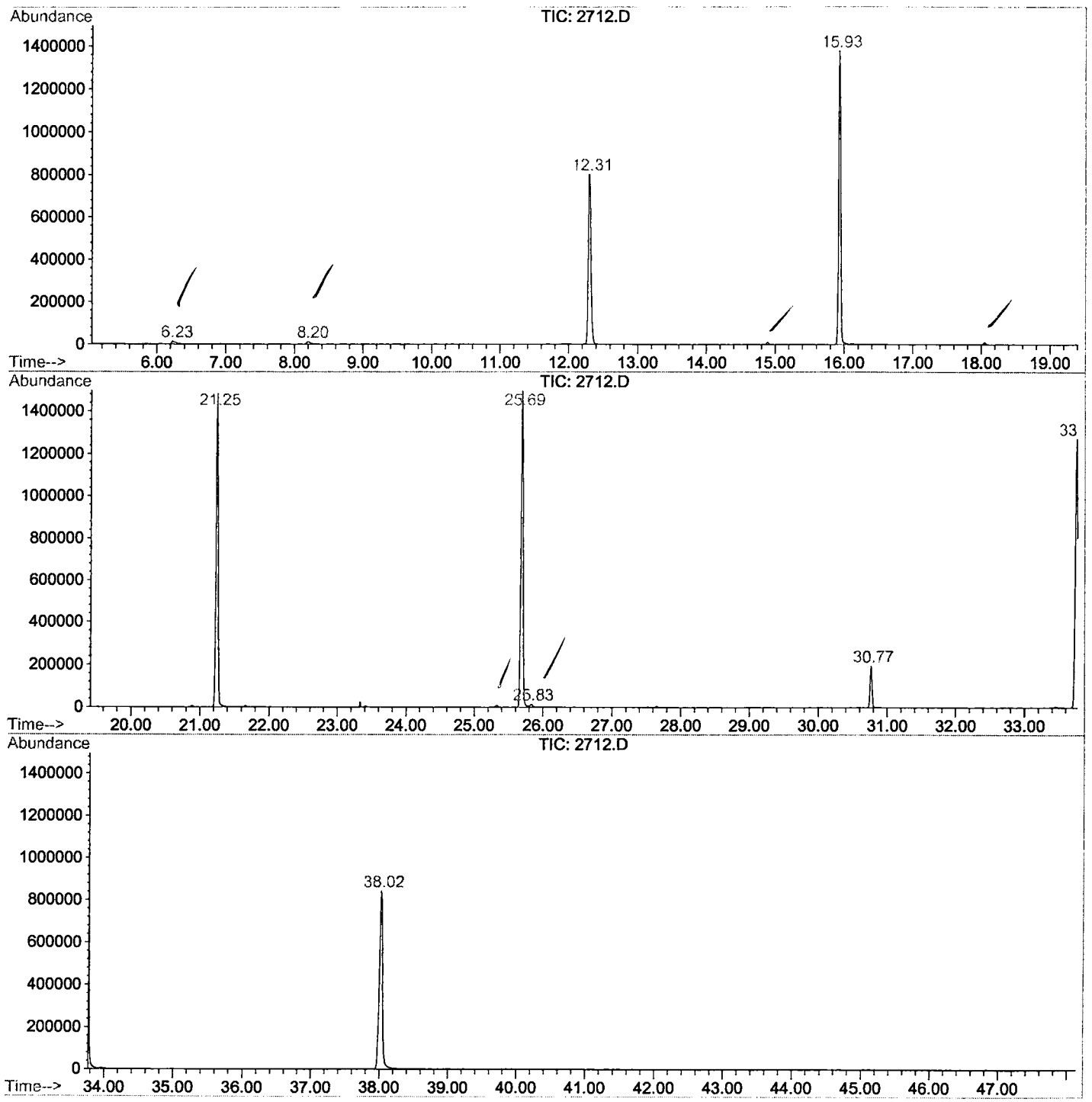
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	6.229	124	129	142	rBV5	12816	56657	1.78%	0.327%
2	8.203	339	344	352	rBV2	12012	41346	1.30%	0.239%
3	12.306	785	791	806	rVB	800759	2115012	66.55%	12.213%
4	15.932	1180	1186	1202	rBV	1376639	2818478	88.68%	16.275%
5	21.248	1758	1765	1780	rBV	1481772	3082686	96.99%	17.801%
6	25.691	2242	2249	2260	rBV2	1495719	3178301	100.00%	18.353%
7	25.829	2260	2264	2271	rVB	12423	31924	1.00%	0.184%
8	30.768	2797	2802	2809	rVB	196262	378239	11.90%	2.184%
9	33.761	3119	3128	3146	rBV	1271941	2978981	93.73%	17.202%
10	38.020	3583	3592	3613	rBV2	839587	2635700	82.93%	15.220%

Sum of corrected areas: 17317324

2712.D GCMS0208.M Wed Mar 13 15:01:22 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\MAR0702\2712.D
Operator :
Acquired : 8 Mar 2002 11:22 am using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/5
Misc Info :
Vial Number: 23
Quant File :GCMS0208.RES (RTE Integrator)



2712.D GCMS0208.M Wed Mar 13 15:01:27 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2712.D Vial: 23
Acq On : 8 Mar 2002 11:22 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

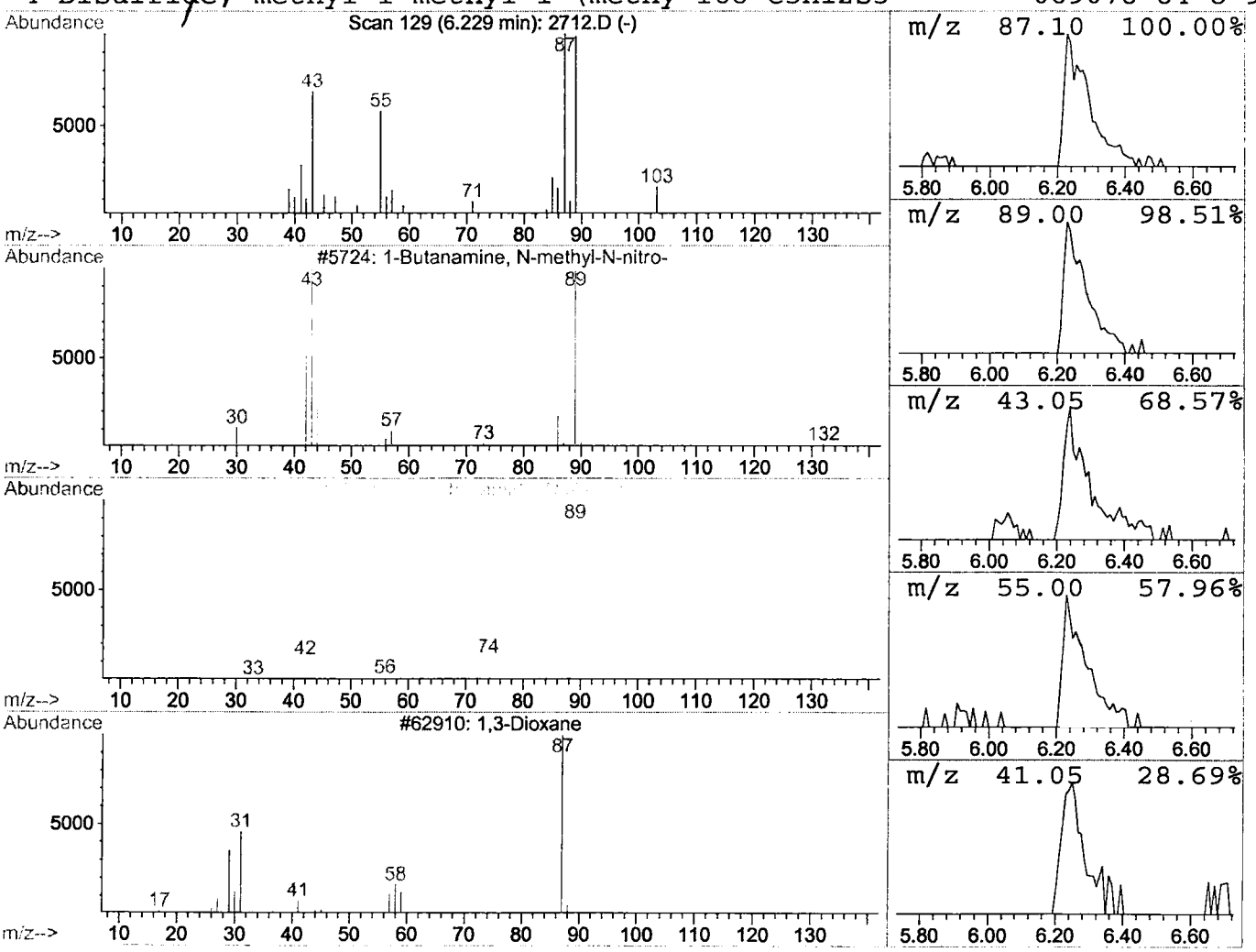
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 1-Butanamine, N-methyl-N-nitro Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.23	0.54 ug/l	56657	1,4-Dichlorobenzene-d4	12.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Butanamine, N-methyl-N-nitro-	132	C5H12N2O2	052330-07-1	36
2	Methanethioamide, N,N-dimethyl-	89	C3H7NS	000758-16-7	33
3	1,3-Dioxane	88	C4H8O2	000505-22-6	9
4	Disulfide, methyl 1-methyl-1-(methy	168	C5H12S3	069078-84-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2712.D Vial: 23
Acq On : 8 Mar 2002 11:22 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

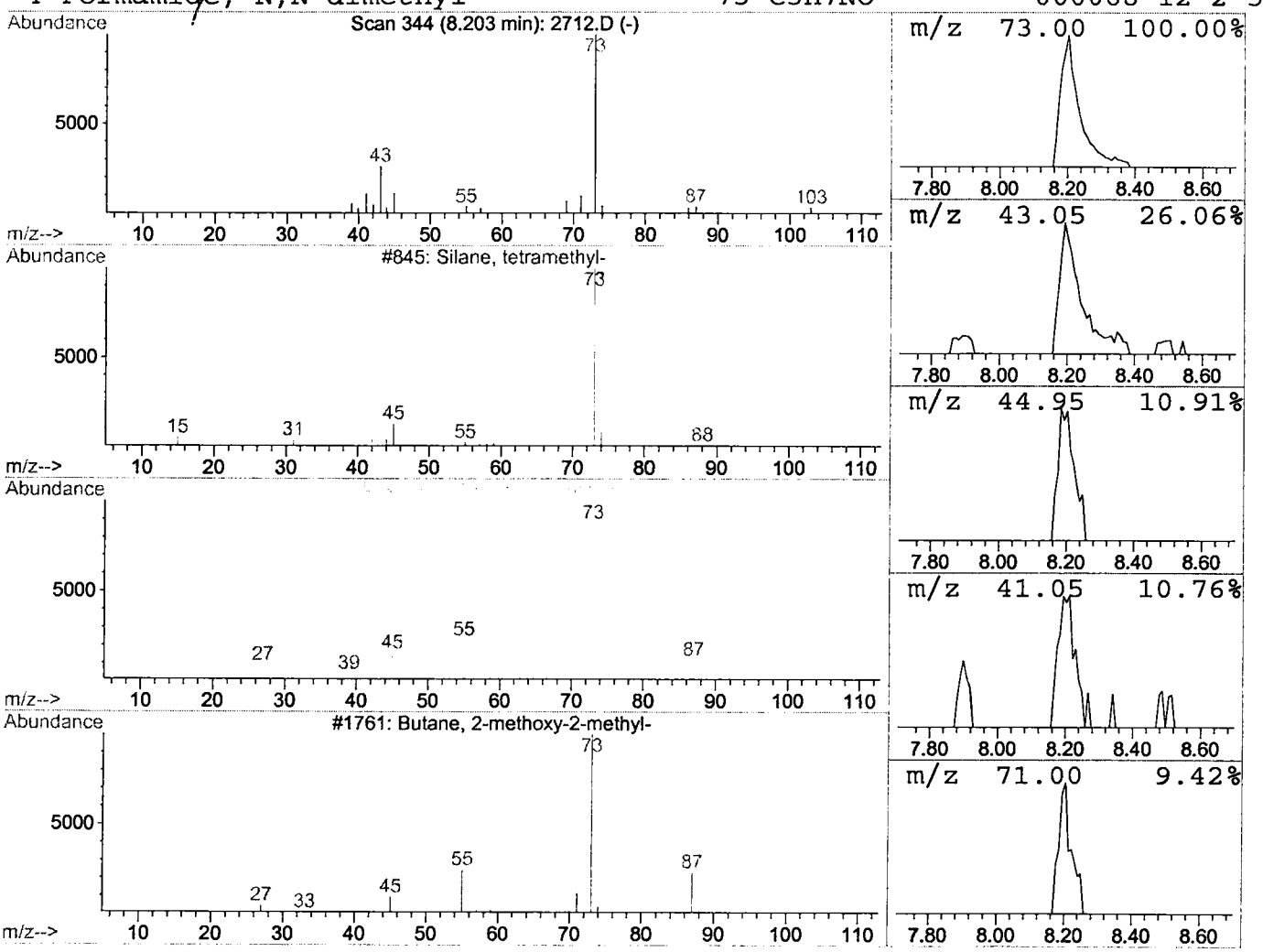
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Silane, tetramethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	0.39 ug/l	41346	1,4-Dichlorobenzene-d4	12.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	9
3	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9
4	Formamide, N,N-dimethyl-	73	C3H7NO	000068-12-2	5



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\MAR0702\2712.D Vial: 23
Acq On : 8 Mar 2002 11:22 am Operator:
Sample : gc/ms scan 2/5 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

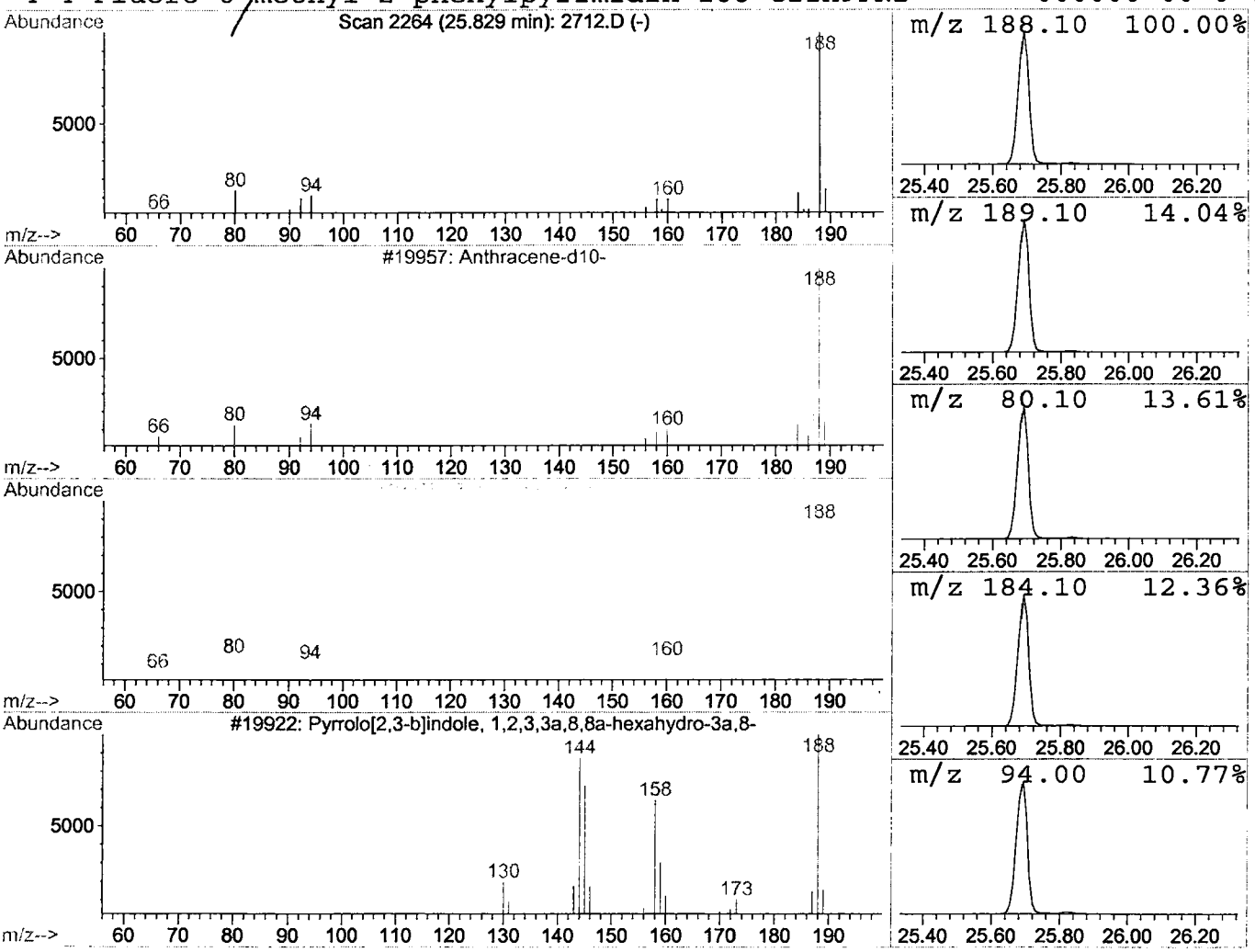
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 Anthracene-d10- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.83	0.20 ug/l	31924	Phenanthrene-d10	25.69

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	90
3	Pyrrolo[2,3-b]indole, 1,2,3,3a,8,8a	188	C12H16N2	004089-16-1	42
4	4-Fluoro-6-methyl-2-phenylpyrimidin	188	C11H9FN2	000000-00-0	42



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 8 Mar 2002 11:22 am
Data File: C:\HPCHEM\1\DATA\MAR0702\2712.D
Name: gc/ms scan 2/5
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-Butanamine, N-meth	6.23	0.5	ug/l	56657	ISTD01	12.31	2115010	20.0
Silane, tetramethyl-	8.20	0.4	ug/l	41346	ISTD01	12.31	2115010	20.0
Anthracene-d10-	25.83	0.2	ug/l	31924	ISTD04	25.69	3178300	20.0

2712.D GCMS0208.M Wed Mar 13 15:01:45 2002