

User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 08:25:24

Sample: AD31589
Analysis: \$GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/28/02 08:25 Ended: 2/28/02 08:25 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		114		5.0

Comments for Sample AD31589 - Analysis \$GCMS

Westchester Dept. of Labs & Research

User: Vinci, David L

Date: 02-28-2002 Time: 08:25:27

The GCMS scan, from 35 to 550 amu, does not reveal the presence of unusual compounds.

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\31589.D
 Acq On : 23 Feb 2002 4:35 am
 Sample : gc/ms scan 2/21
 Misc :
 MS Integration Params: GOOFY.P
 Quant Time: Feb 27 11:46 2002

Vial: 39
 Operator:
 Inst : GC/MS 209
 Multiplr: 1.00

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	12.33	152	247446	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	955362	20.00	ug/l	-0.03
17) Acenaphthene-d10	21.28	164	505352	20.00	ug/l	-0.03
29) Phenanthrene-d10	25.74	188	711560	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	471142	20.00	ug/l	-0.05
44) Perylene-d12	38.08	264	312883	20.00	ug/l	-0.05

System Monitoring Compounds

37) 2,4-DDD	30.81	235	42462	5.71	ug/mL	0.32
Spiked Amount	5.000		Recovery	=	114.20%	

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	0.00	165	0	N.D.
25) Diethylphthalate	22.76	149	125	N.D.
26) 4-Chlorophenyl-phenylether	0.00	204	0	N.D.
27) Fluorene	0.00	166	0	N.D.
28) Azobenzene/ 1,2-Diphenylhyd	0.00	77	0	N.D.

(#) = qualifier out of range (m) = manual integration

31589.D GCMS0208.M Wed Feb 27 11:47:40 2002

Page 1

Quantitation Report

(QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\31589.D
Acq On : 23 Feb 2002 4:35 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:46 2002

Vial: 39
Operator:
Inst : GC/MS 209
Multiplr: 1.00

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	0.00	178	0	N.D.		
34) Anthracene	0.00	178	0	N.D.		
35) Di-n-butylphthalate	27.70	149	2628	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	33.81	228	1007	N.D.		
42) Bis(2-ethylhexyl)phthalate	34.01	149	2769	N.D.		
43) Chrysene	33.81	228	1007	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	1240	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
31589.D GCMS0208.M Wed Feb 27 11:47:43 2002

Page 2

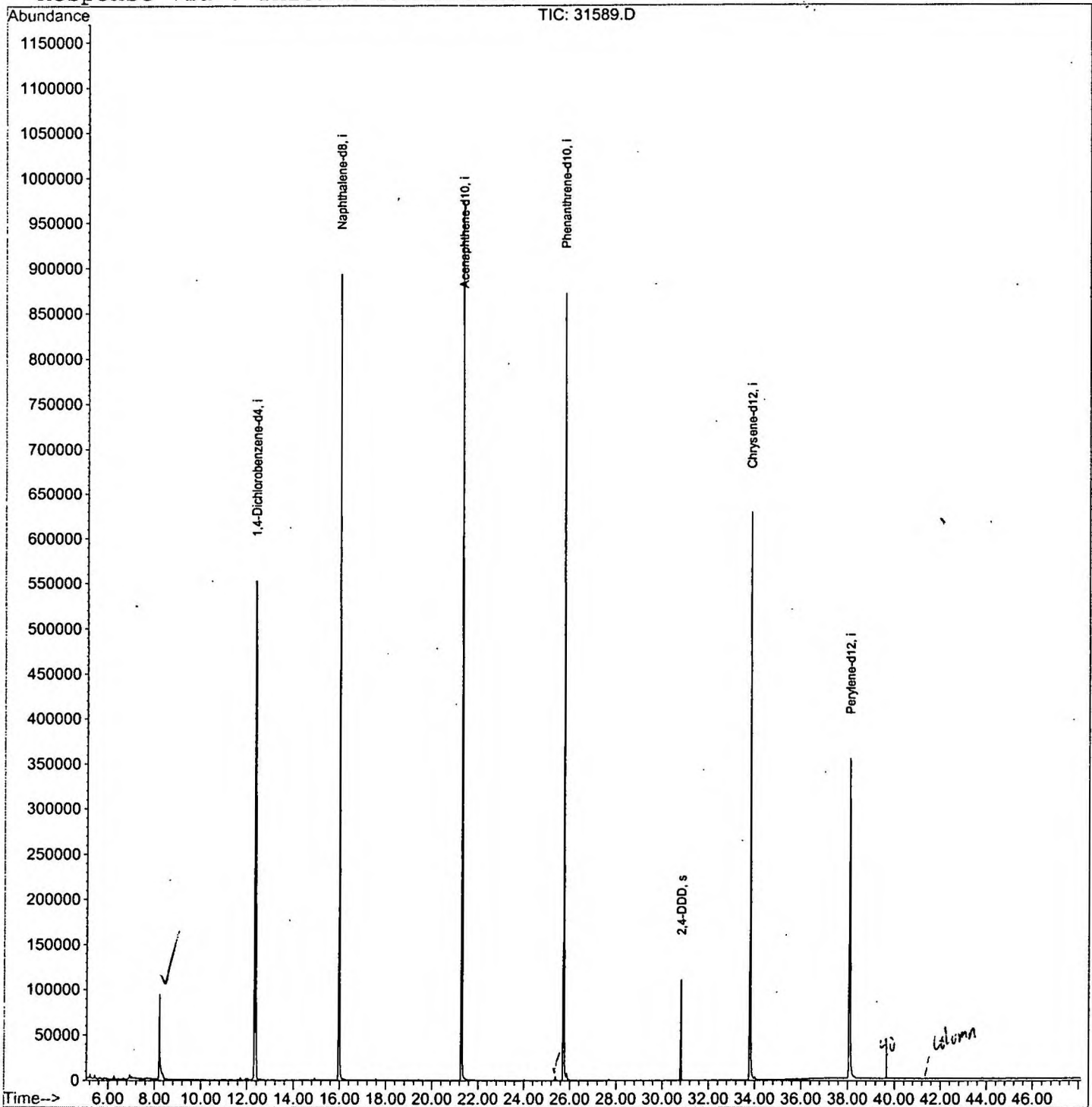
Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31589.D
Acq On : 23 Feb 2002 4:35 am
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:46 2002

Vial: 39
Operator:
Inst : GC/MS 209
Multiplr: 1.00

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\FEB2102\31589.D

Vial: 39

Acq On : 23 Feb 2002 4:35 am

Operator:

Sample : gc/ms scan 2/21

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	8.203	339	344	358	rBV	93440	253447	12.46%	2.459%
2	12.325	788	793	807	rVB	551694	1437659	70.69%	13.946%
3	15.970	1184	1190	1205	rBV	893089	1881954	92.53%	18.256%
4	21.285	1763	1769	1787	rBV	974893	2033871	100.00%	19.729%
5	25.737	2247	2254	2265	rBV2	871841	1899528	93.39%	18.426%
6	25.875	2265	2269	2278	rVB2	7696	20822	1.02%	0.202%
7	30.814	2802	2807	2813	rBV	111175	226754	11.15%	2.200%
8	33.798	3126	3132	3151	rBV2	628052	1443808	70.99%	14.006%
9	38.076	3590	3598	3615	rBV2	352800	1111007	54.63%	10.777%

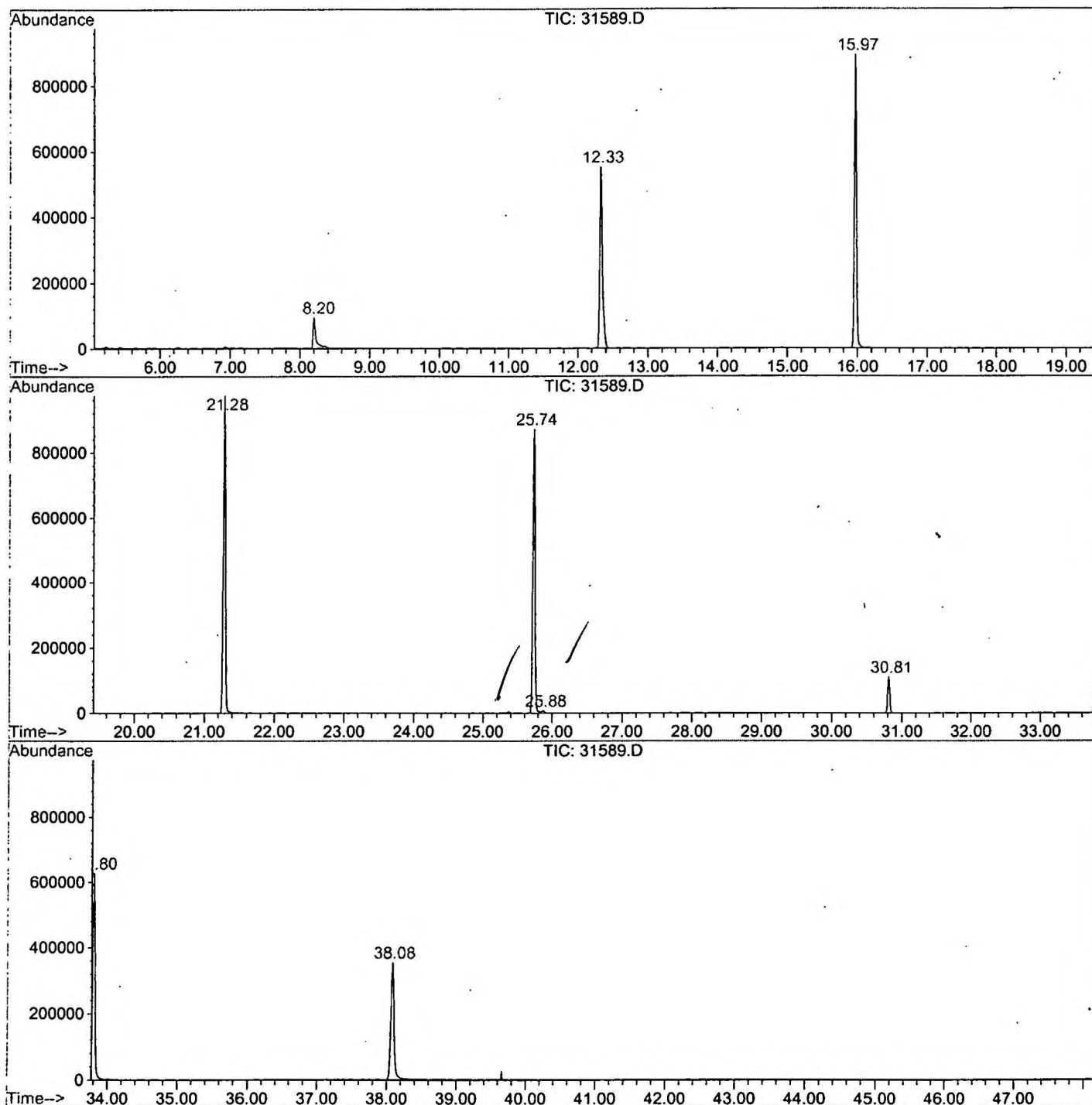
Sum of corrected areas: 10308850

31589.D GCMS0208.M

Wed Feb 27 12:03:49 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\31589.D
 Operator :
 Acquired : 23 Feb 2002 4:35 am using AcqMethod GCMS0208
 Instrument : GC/MS 209
 Sample Name: gc/ms scan 2/21
 Misc Info :
 Vial Number: 39
 Quant File :GCMS0208.RES (RTE Integrator)



31589.D GCMS0208.M

Wed Feb 27 12:03:55 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31589.D
 Acq On : 23 Feb 2002 4:35 am
 Sample : gc/ms scan 2/21
 Misc :
 MS Integration Params: LSCINT.P

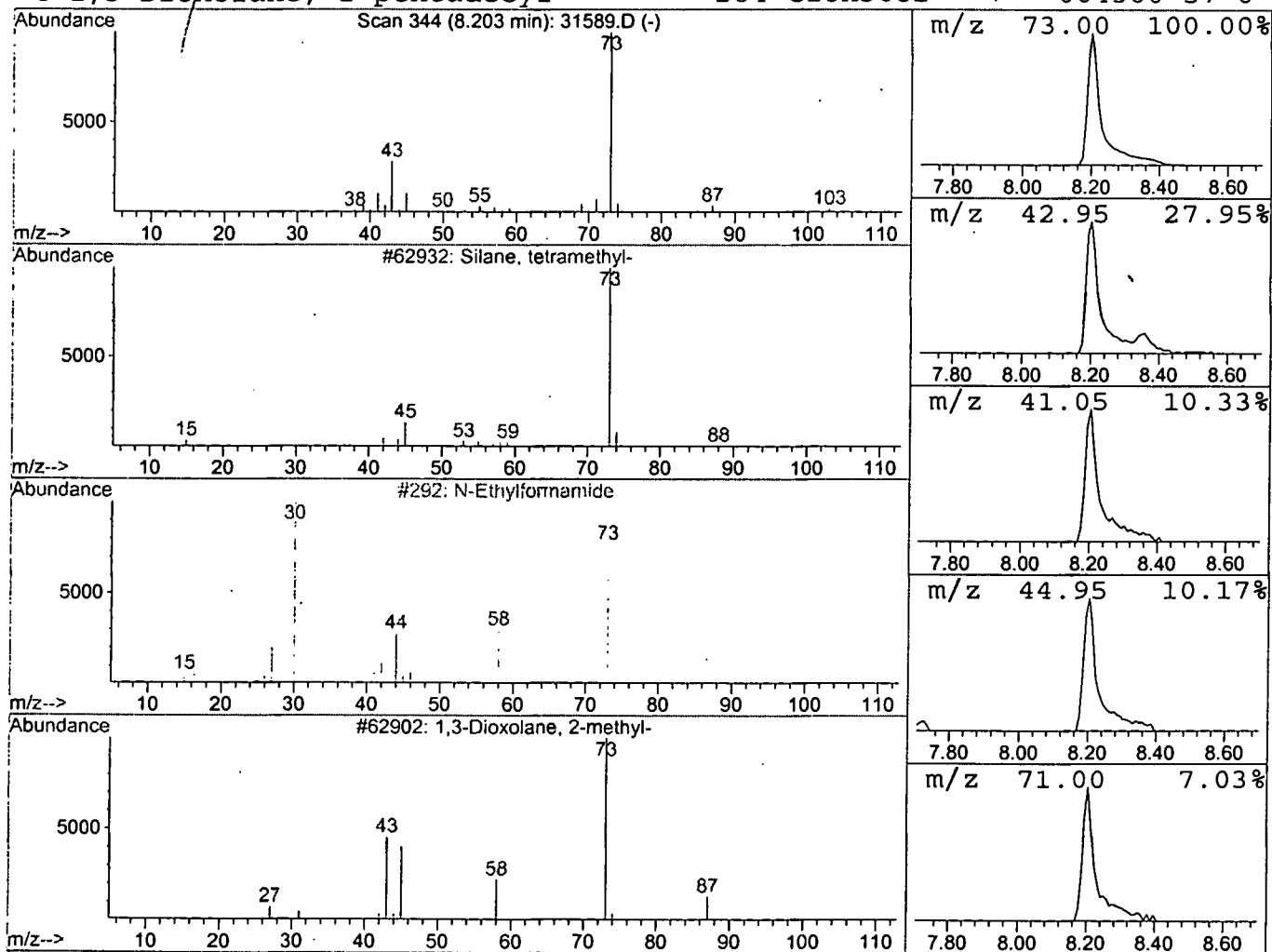
Vial: 39
 Operator:
 Inst : GC/MS 209
 Multiplr: 1.00

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.
8.20	3.53 ug/l	253447	1,4-Dichlorobenzene-d4	12.33

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Silane, tetramethyl-	88	C4H12Si	000075-76-3	37
2			N-Ethylformamide	73	C3H7NO	000627-45-2	9
3			1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4			1,3-Dioxolane, 2-pentadecyl-	284	C18H36O2	004360-57-0	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31589.D
 Acq On : 23 Feb 2002 4:35 am
 Sample : gc/ms scan 2/21
 Misc :
 MS Integration Params: LSCINT.P

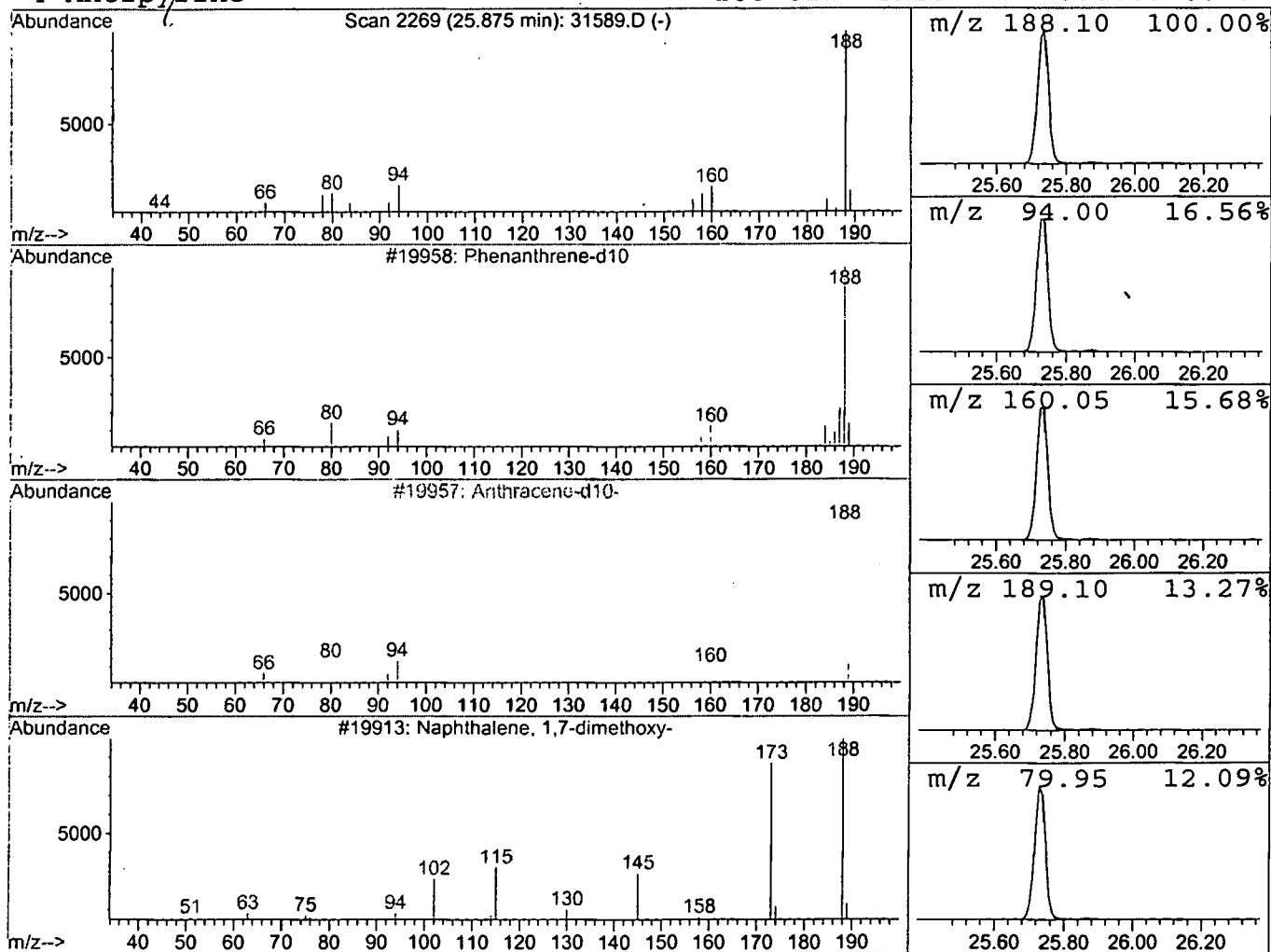
Vial: 39
 Operator:
 Inst : GC/MS 209
 Multiplr: 1.00

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.
25.88	0.22 ug/l	20822	Phenanthrene-d10	25.74

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Phenanthrene-d10	188	C14D10	001517-22-2	87
2		Anthracene-d10-	188	C14D10	001719-06-8	86
3		Naphthalene, 1,7-dimethoxy-	188	C12H12O2	005309-18-2	45
4		Antipyrine	188	C11H12N2O	000060-80-0	40



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 23 Feb 2002 4:35 am
 Data File: C:\HPCHEM\1\DATA\FEB2102\31589.D
 Name: gc/ms scan 2/21
 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-	8.20	3.5	ug/l	253447	ISTD01	12.33	1437660	20.0
Phenanthrene-d10	25.88	0.2	ug/l	20822	ISTD04	25.74	1899530	20.0

31589.D GCMS0208.M Wed Feb 27 12:04:08 2002