User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/28/2002 Time: 08:23:52

Sample: AD31587
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/28/02 08:23 Ended: 2/28/02 08:23 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		111		5.0

Comments for Sample AD31587 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-28-2002 Time: 08:23:50

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

Quantitation Report (QT Reviewed)

Data File : C:\HPCHEM\1\DATA\FEB2102\31587.D Vial: 34
Acq On : 22 Feb 2002 11:40 pm Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:21 2002 Quant Results File: GCMS0208.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Feb 21 16:13:52 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	277252	20.00	ug/l	-0.02
10) Naphthalene-d8	15.97	136	1073183	20.00	ug/l	-0.02
17) Acenaphthene-d10	21.29	164	557573	20.00	ug/l	-0.02
29) Phenanthrene-d10	25.73	188	782268	20.00	ug/l	-0.03
38) Chrysene-d12	33.80	240	522857	20.00	ug/l	-0.04
44) Perylene-d12	38.08	264	338296	20.00	ug/l	-0.04
System Monitoring Compounds						
37) 2,4-DDD	30.81	235	50162	5.54	ug/mL	0.31
Spiked Amount 5.000			Recovery = 110.80%			
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	16.04	128	267	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	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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Last Update : Thu Feb 21 16:13:52 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	1797	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	1431	N.D.	
42) Bis(2-ethylhexyl)phthalate	34.00	149	927	N.D.	
43) Chrysene	33.80	228	1431	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	38.09	252	1319	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

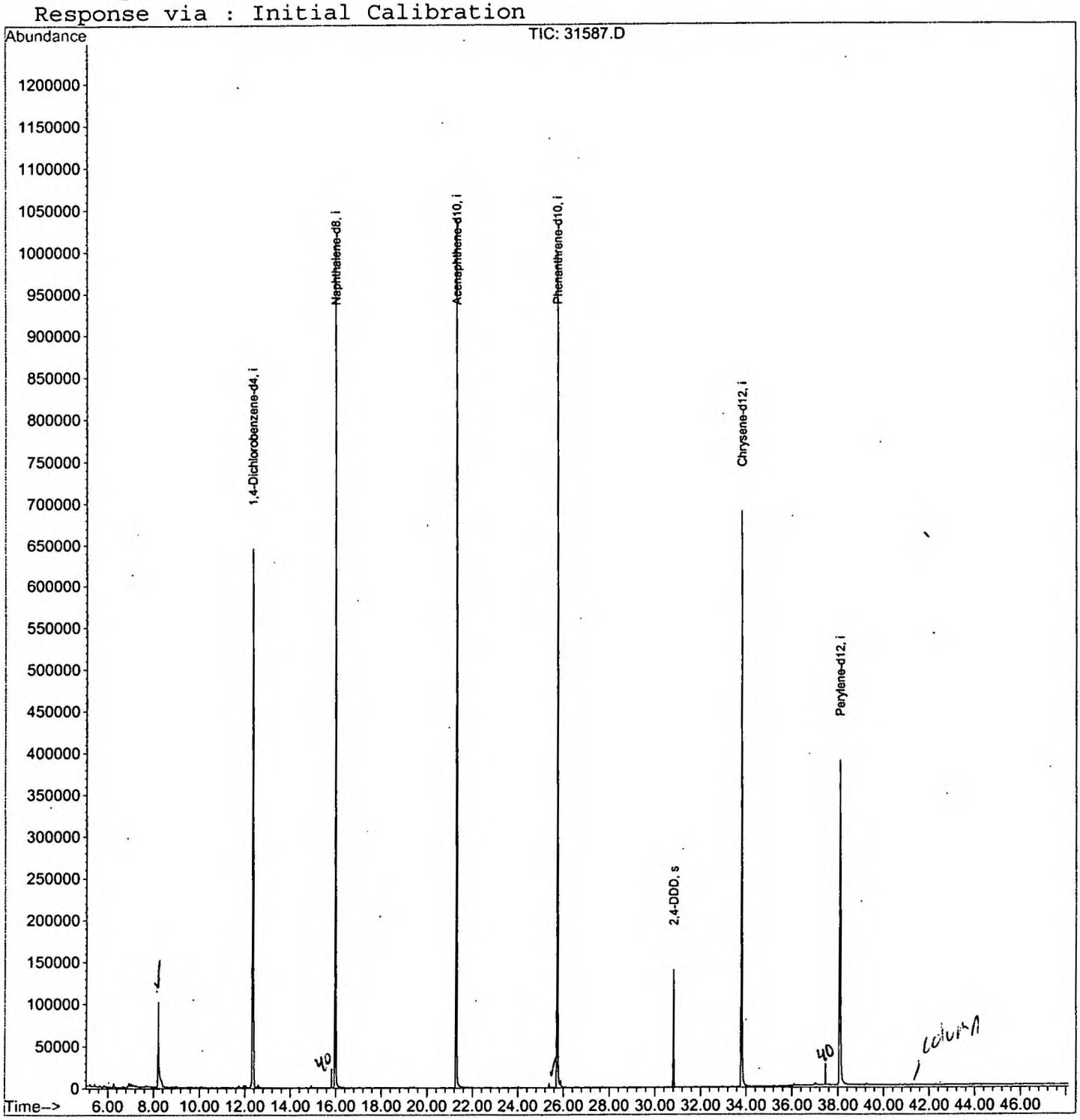
Quantitation Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31587.D
Acq On : 22 Feb 2002 11:40 pm
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 27 11:21 2002

Vial: 34
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 : Thu Feb 21 16:13:52 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31587.D Vial: 34
Acq On : 22 Feb 2002 11:40 pm 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

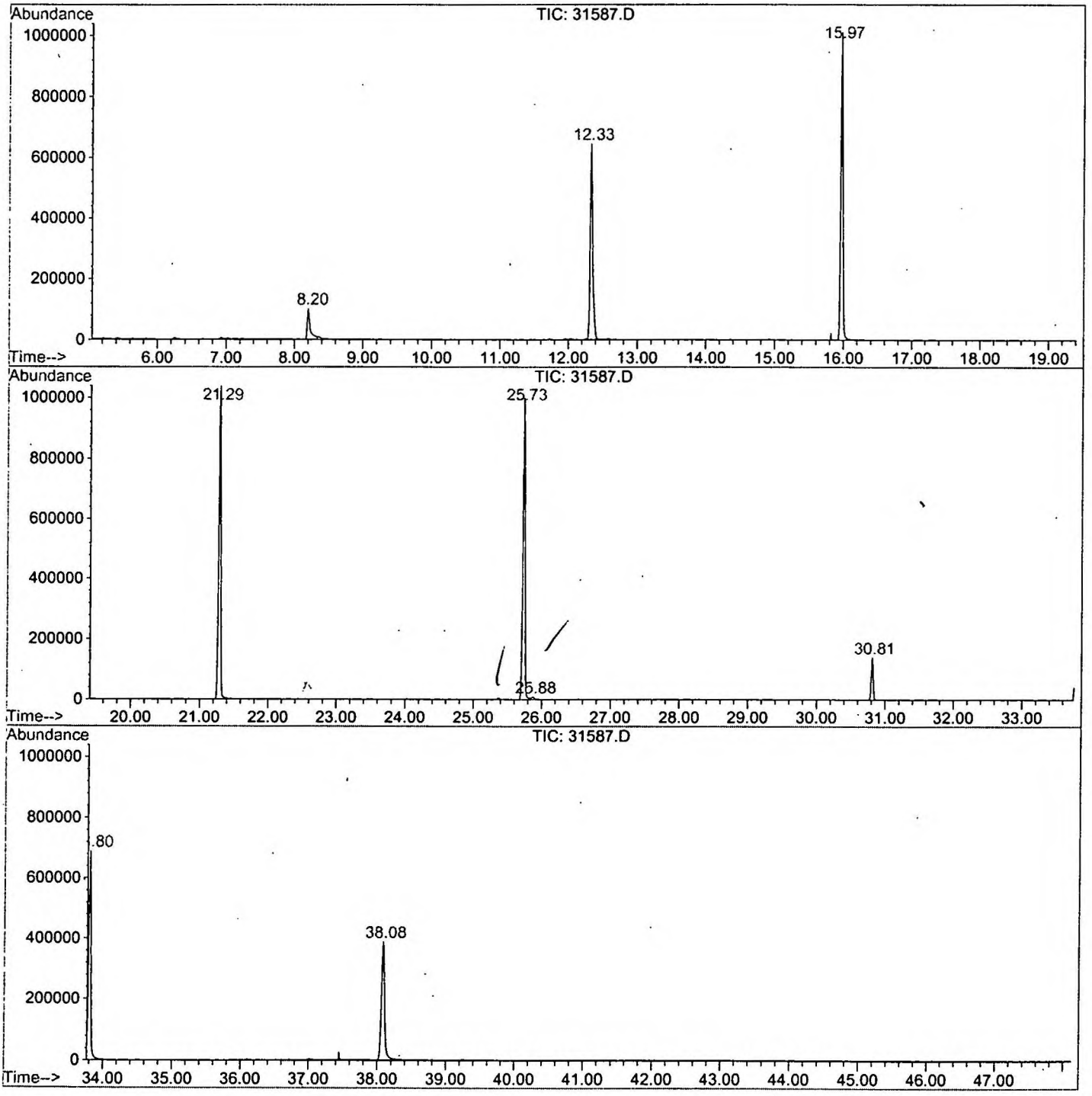
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	8.199	340	344	359	rBV	100941	292280	13.16%	2.558%
2	12.330	789	794	808	rVB	644361	1605118	72.27%	14.049%
3	15.975	1185	1191	1208	rBV	1009929	2107938	94.90%	18.450%
4	21.290	1763	1770	1785	rBV	1039709	2221116	100.00%	19.440%
5	25.733	2247	2254	2266	rBV2	998420	2086834	93.95%	18.265%
6	25.880	2266	2270	2280	rVB2	7873	22848	1.03%	0.200%
7	30.810	2802	2807	2817	rVB	139890	269001	12.11%	2.354%
8	33.803	3126	3133	3148	rBV2	688988	1603851	72.21%	14.038%
9	38.081	3590	3599	3619	rBV2	387058	1216403	54.77%	10.646%

Sum of corrected areas: 11425389

31587.D GCMS0208.M Wed Feb 27 12:02:19 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\FEB2102\31587.D
Operator :
Acquired : 22 Feb 2002 11:40 pm using AcqMethod GCMS0208
Instrument : GC/MS 209
Sample Name: gc/ms scan 2/21
Misc Info :
Vial Number: 34
Quant File :GCMS0208.RES (RTE Integrator)



31587.D GCMS0208.M Wed Feb 27 12:02:25 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31587.D
Acq On : 22 Feb 2002 11:40 pm
Sample : gc/ms scan 2/21
Misc :
MS Integration Params: LSCINT.P

Vial: 34
Operator:
Inst : GC/MS 209
Multiplr: 1.00

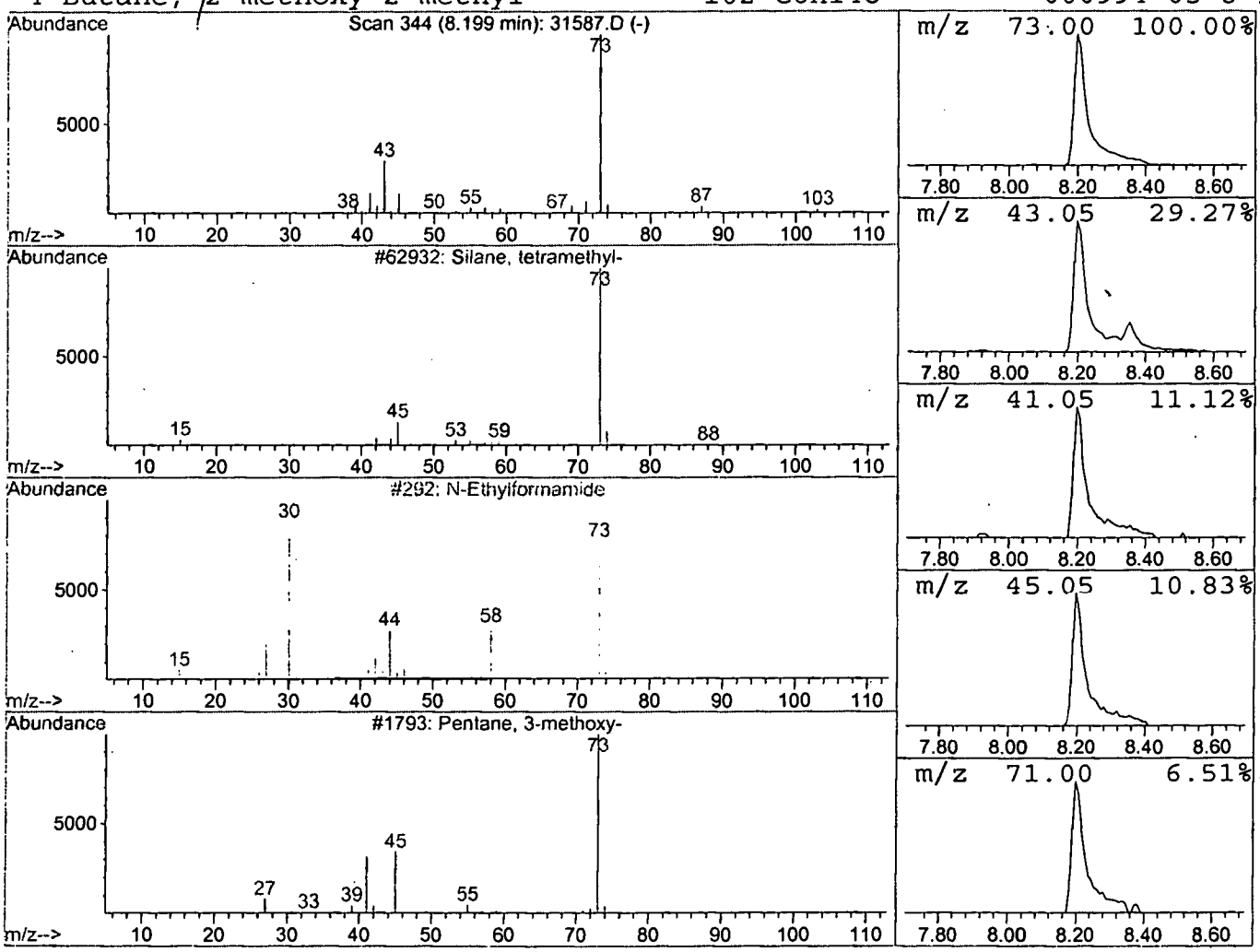
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.20	3.64 ug/l	292280	1,4-Dichlorobenzene-d4	12.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
2	N-Ethylformamide	73	C3H7NO	000627-45-2	9
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9
4	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	9



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\FEB2102\31587.D Vial: 34
Acq On : 22 Feb 2002 11:40 pm Operator:
Sample : gc/ms scan 2/21 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

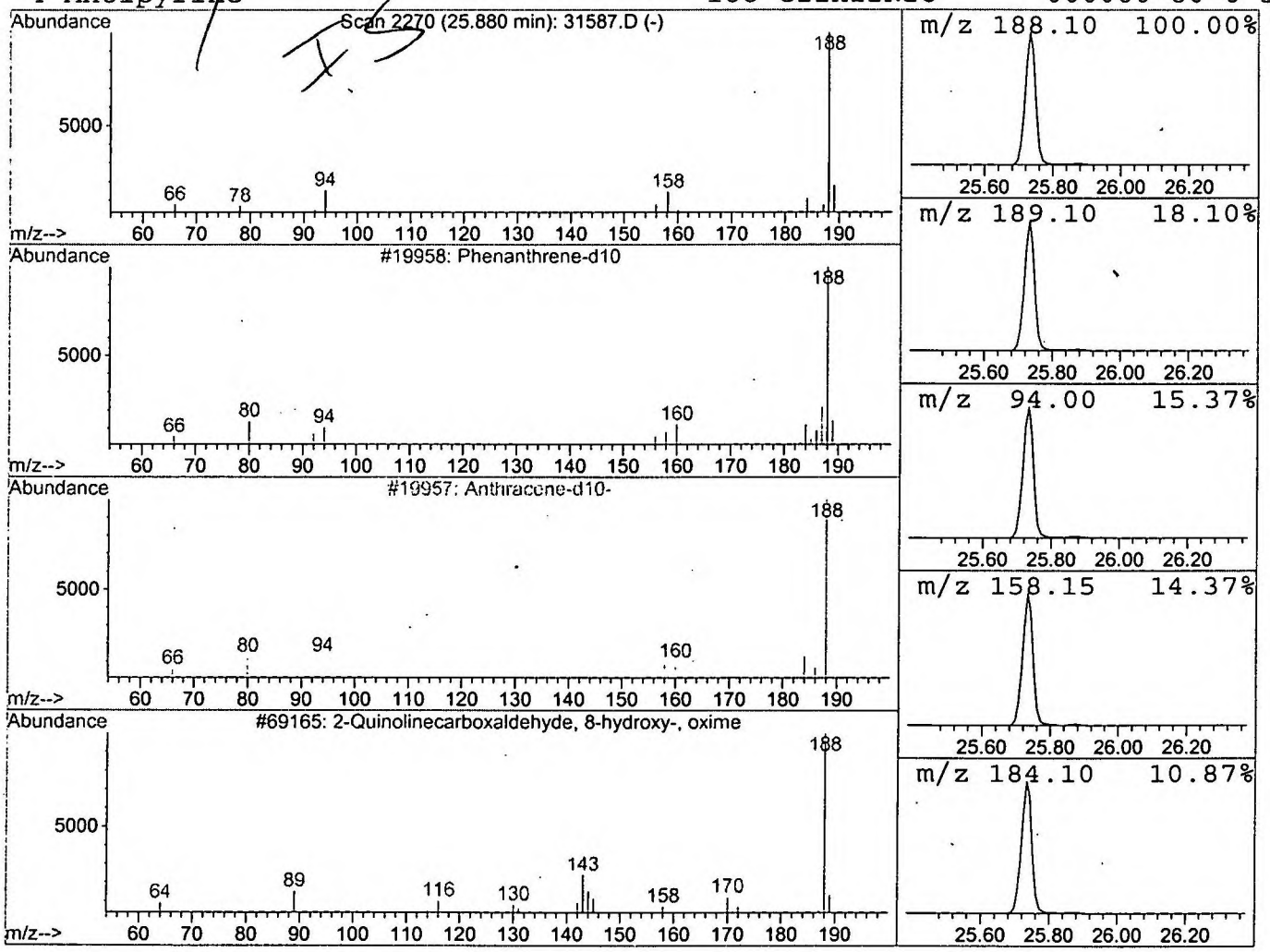
Quant Method : C:\HPCHEM\1\METHODS\GCMS0208.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 Phenanthrene-d10 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.88	0.22 ug/l	22848	Phenanthrene-d10	25.73

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene-d10	188	C14D10	001517-22-2	78
2	Anthracene-d10-	188	C14D10	001719-06-8	72
3	2-Quinolinecarboxaldehyde, 8-hydrox	188	C10H8N2O2	005603-22-5	45
4	Antipyrine	188	C11H12N2O	000060-80-0	36



Tentatively Identified Compound (LSC) summary

Operator ID: Date Acquired: 22 Feb 2002 11:40 pm
Data File: C:\HPCHEM\1\DATA\FEB2102\31587.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	3.6	ug/l	292280	ISTD01	12.33	1605120	20.0
Phenanthrene-d10	25.88	0.2	ug/l	22848	ISTD04	25.73	2086830	20.0

31587.D GCMS0208.M Wed Feb 27 12:02:38 2002