User: Vinci, David L
Westchester Dept. of Labs & Research
Date: 02/11/2002 Time: 15:40:56

Sample: AD31275
Analysis: $GCMS GCMS Scan For Unknowns
Units: ug
Started: 2/11/02 15:40 Ended: 2/11/02 15:40 Analyst: DLV
Page: 1

	Component Name	Viol	Result	Qualifier	MDL
1	Other unknown compounds		.		
2	Surr_2,4-DDD		100		5.0

Comments for Sample AD31275 - Analysis $GCMS

Westchester Dept. of Labs & Research
User: Vinci, David L
Date: 02-11-2002 Time: 15:40:59

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\JAN0902\31275.D Vial: 9
Acq On : 10 Jan 2002 11:22 pm Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 5 16:36 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	11.53	152	669788	20.00	ug/l	0.00
10) Naphthalene-d8	15.12	136	2627274	20.00	ug/l	0.00
17) Acenaphthene-d10	20.39	164	1341073	20.00	ug/l	0.00
29) Phenanthrene-d10	24.80	188	1915295	20.00	ug/l	0.00
38) Chrysene-d12	32.84	240	1160432	20.00	ug/l	0.00
44) Perylene-d12	36.90	264	678843	20.00	ug/l	0.00
System Monitoring Compounds						
37) 2,4-DDD	29.88	235	110330	5.02	ug/mL	-0.19
Spiked Amount 5.000			Recovery = 100.40%			
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	15.18	128	1057	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.	d	
22) Acenaphthylene	0.00	152	0	N.D.		
23) Acenaphthene	0.00	153	0	N.D.		
24) 2,4-Dinitrotoluene	20.65	165	485	N.D.		
25) Diethylphthalate	21.92	149	986	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)

Data File : C:\HPCHEM\1\DATA\JAN0902\31275.D Vial: 9
Acq On : 10 Jan 2002 11:22 pm Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: GOOFY.P
Quant Time: Feb 5 16:36 2002 Quant Results File: GCMS0103.RES

Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Thu Dec 13 14:40:46 2001
Response via : Initial Calibration
DataAcq Meth : GCMS0103

	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	24.79	178	859	N.D.	
34)	Anthracene	24.79	178	859	N.D.	
35)	Di-n-butylphthalate	26.82	149	7990	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	32.84	228	3047	N.D.	
42)	Bis(2-ethylhexyl)phthalate	33.13	149	27730	0.37 ug/l	95
43)	Chrysene	32.84	228	3047	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	36.90	252	2795	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

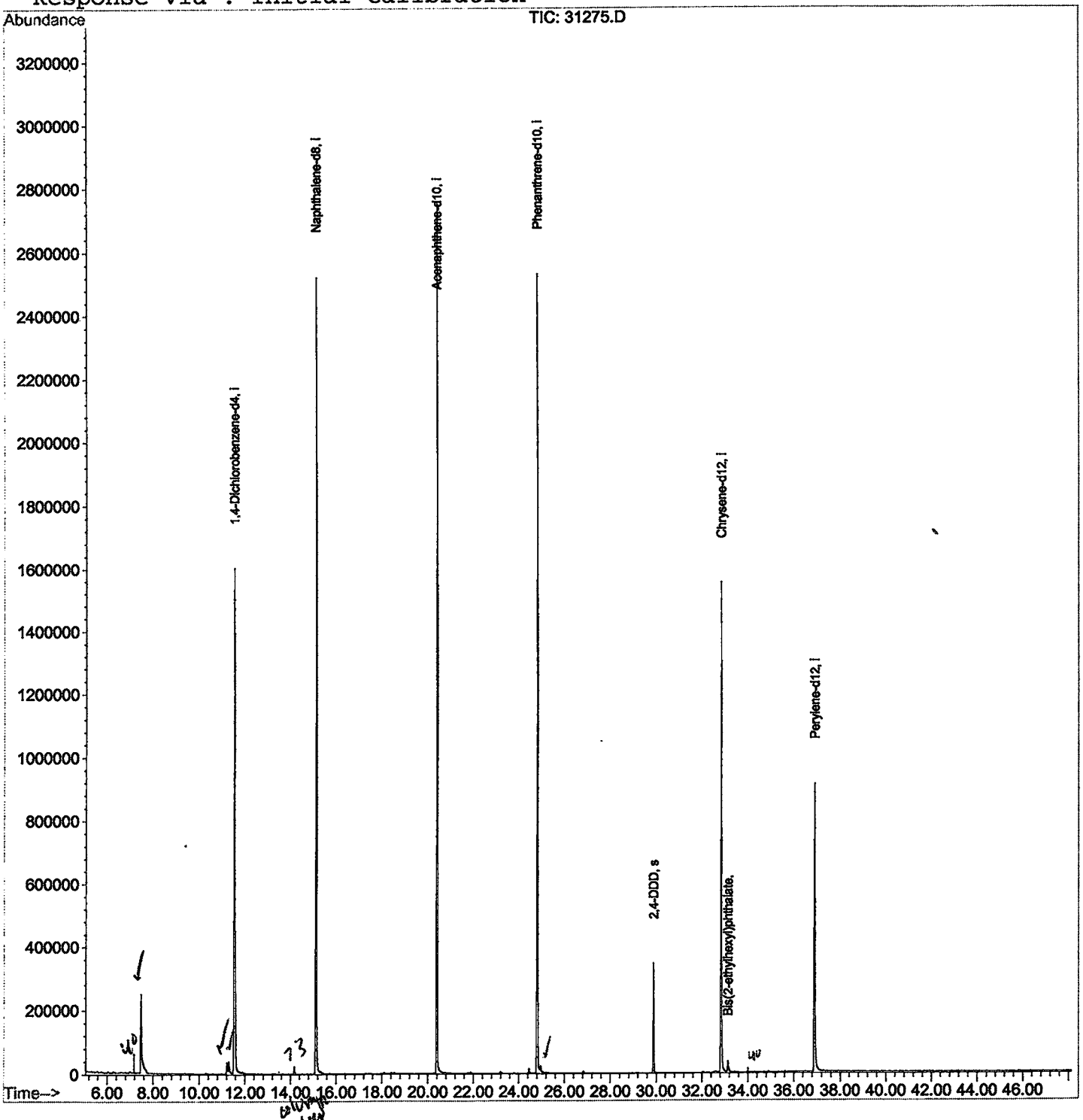
Quantitation Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31275.D
Acq On : 10 Jan 2002 11:22 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: GOOFY.P
Quant Time: Feb 5 16:36 2002

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

Quant Results File: GCMS0103.RES

Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Last Update : Mon Jan 07 10:31:02 2002
Response via : Initial Calibration



LSC Area Percent Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31275.D Vial: 9
Acq On : 10 Jan 2002 11:22 pm Operator: 209 GALOS
Sample : gcms scan 12/24 Inst : GC/MS 209
Misc : Multiplr: 1.00
MS Integration Params: LSCINT.P

Method : C:\HPCHEM\1\METHODS\GCMS0103.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

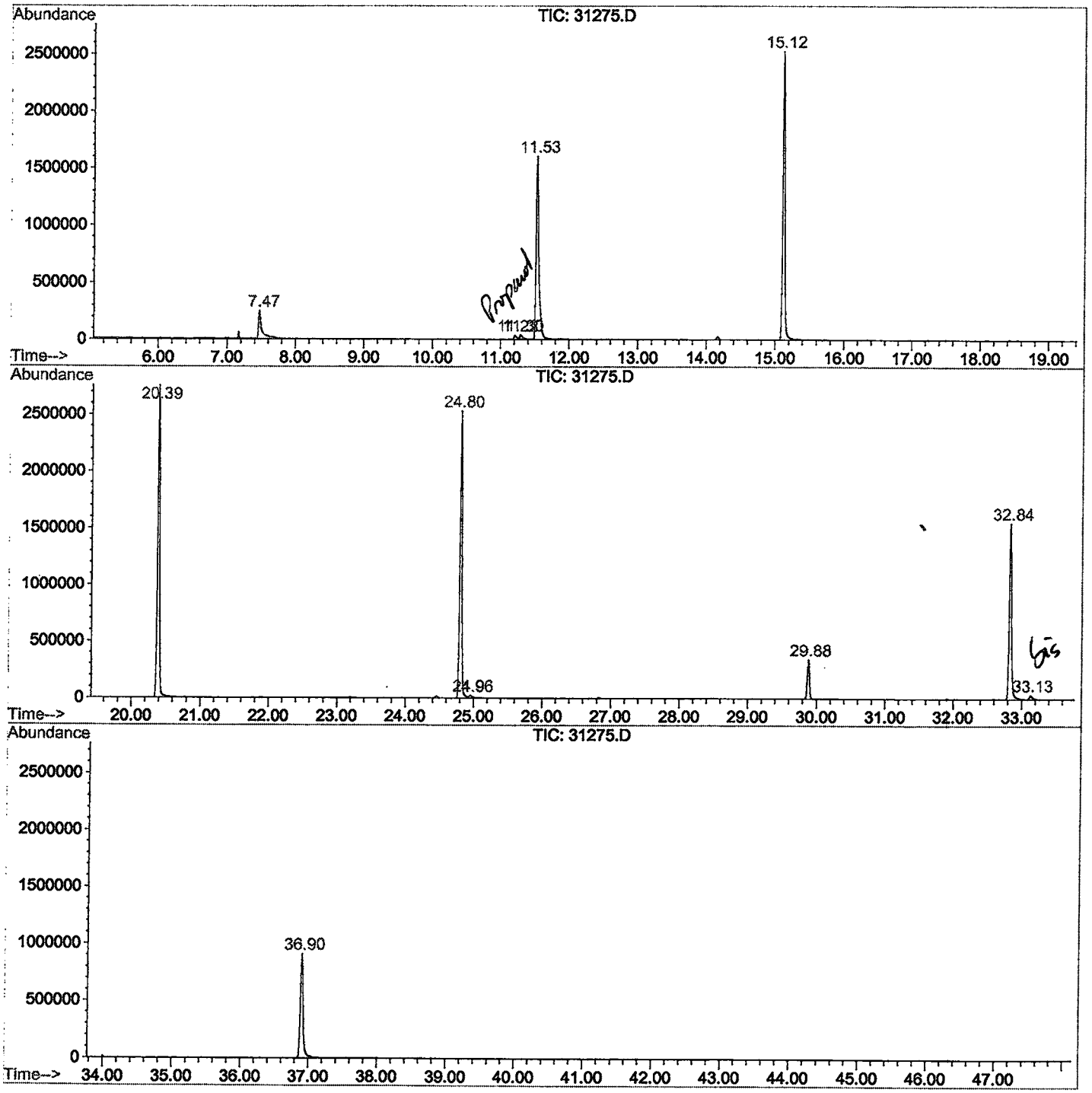
peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	peak area	peak % max.	% of total
1	7.471	260	264	295	rBV	245235	796030	14.13%	2.767%
2	11.217	668	672	677	rBV	36149	89653	1.59%	0.312%
3	11.300	677	681	688	rVB	34888	94307	1.67%	0.328%
4	11.529	701	706	726	rBV	1601117	4324738	76.76%	15.031%
5	15.119	1092	1097	1116	rBV	2522292	5376786	95.43%	18.687%
6	20.388	1665	1671	1688	rBV	2757368	5634363	100.00%	19.582%
7	24.804	2146	2152	2165	rBV2	2530173	5394408	95.74%	18.748%
8	24.960	2165	2169	2177	rVB	19162	57824	1.03%	0.201%
9	29.880	2700	2705	2712	rBV	344028	679725	12.06%	2.362%
10	32.837	3020	3027	3048	rBV2	1551717	3723836	66.09%	12.942%
11	33.130	3054	3059	3072	rVB	34209	100549	1.78%	0.349%
12	36.903	3462	3470	3488	rBV	908113	2500680	44.38%	8.691%

Sum of corrected areas: 28772899

31275.D GCMS0103.M Tue Feb 05 16:50:12 2002

LSC Report - Integrated Chromatogram

File : C:\HPCHEM\1\DATA\JAN0902\31275.D
Operator : 209 GALOS
Acquired : 10 Jan 2002 11:22 pm using AcqMethod GCMS0103
Instrument : GC/MS 209
Sample Name: gcms scan 12/24
Misc Info :
Vial Number: 9
Quant File :GCMS0103.RES (RTE Integrator)



31275.D GCMS0103.M Tue Feb 05 16:50:18 2002

Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31275.D
Acq On : 10 Jan 2002 11:22 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

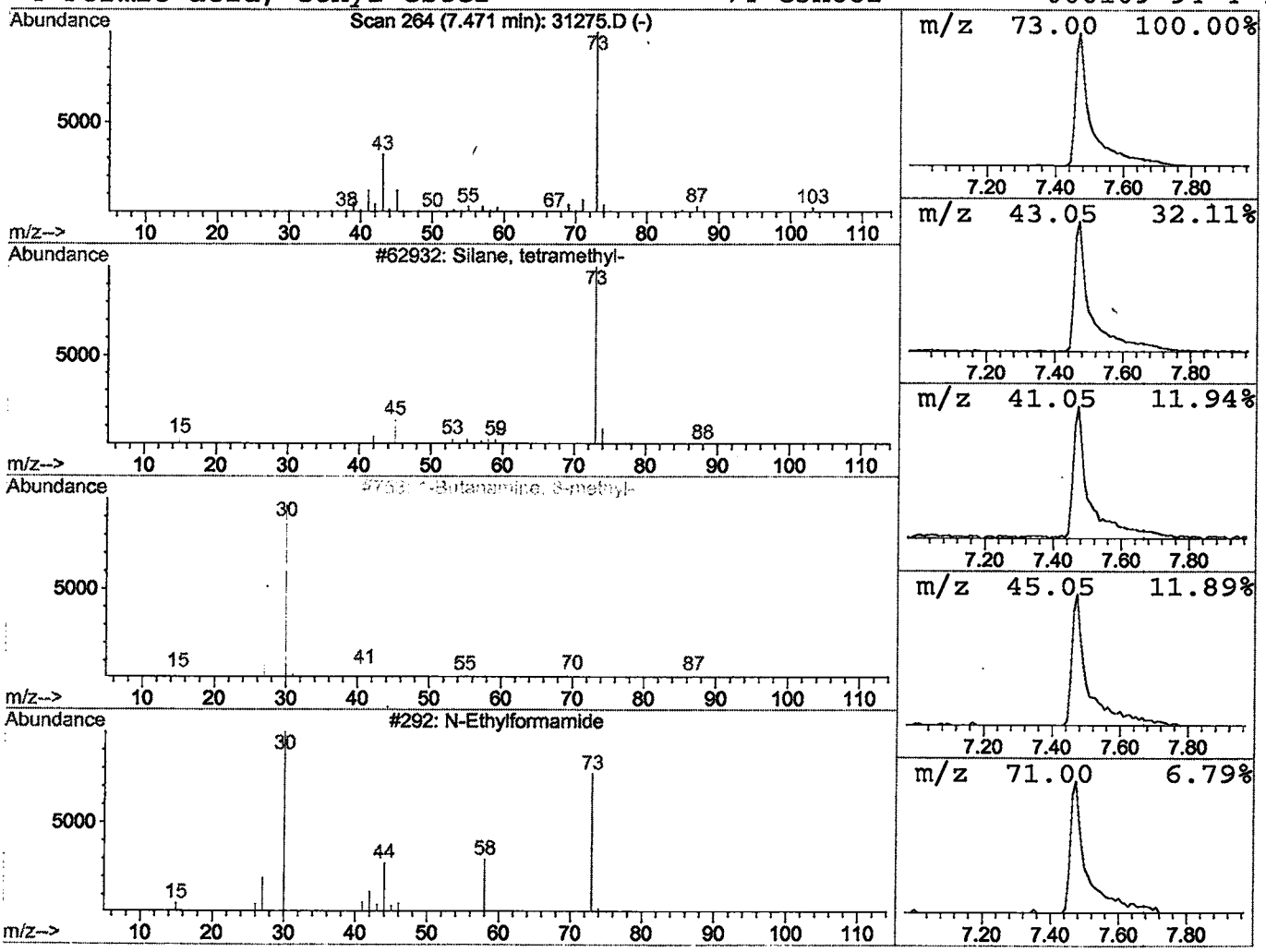
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 1 Silane, tetramethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.47	3.68 ug/l	796030	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
2	1-Butanamine, 3-methyl-	87	C5H13N	000107-85-7	5
3	N-Ethylformamide	73	C3H7NO	000627-45-2	5
4	Formic acid, ethyl ester	74	C3H6O2	000109-94-4	4



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31275.D
Acq On : 10 Jan 2002 11:22 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

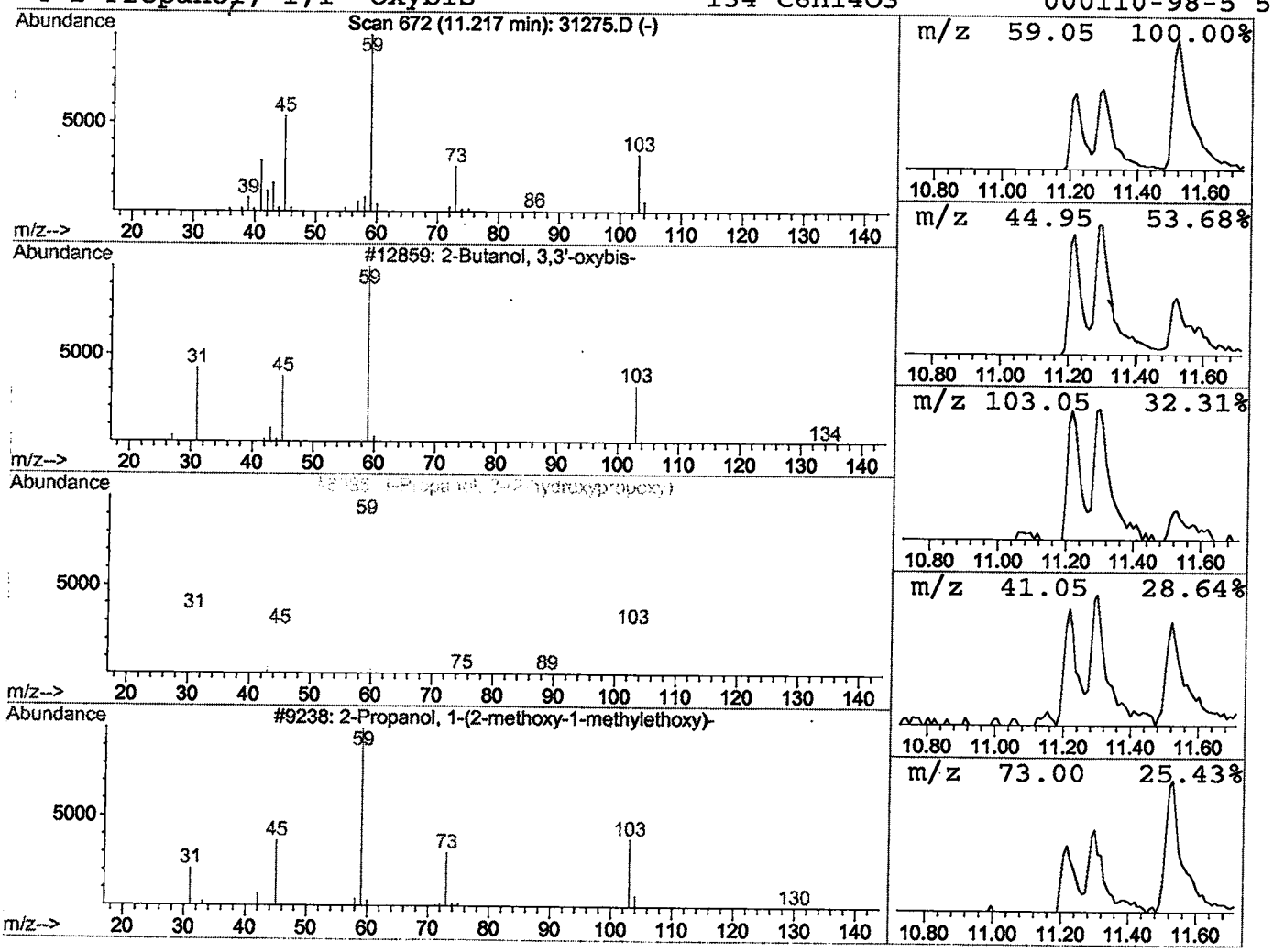
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 2 2-Butanol, 3,3'-oxybis- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.22	0.41 ug/l	89653	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butanol, 3,3'-oxybis-	162	C8H18O3	054305-61-2	64
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	59
3	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	56
4	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31275.D
Acq On : 10 Jan 2002 11:22 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

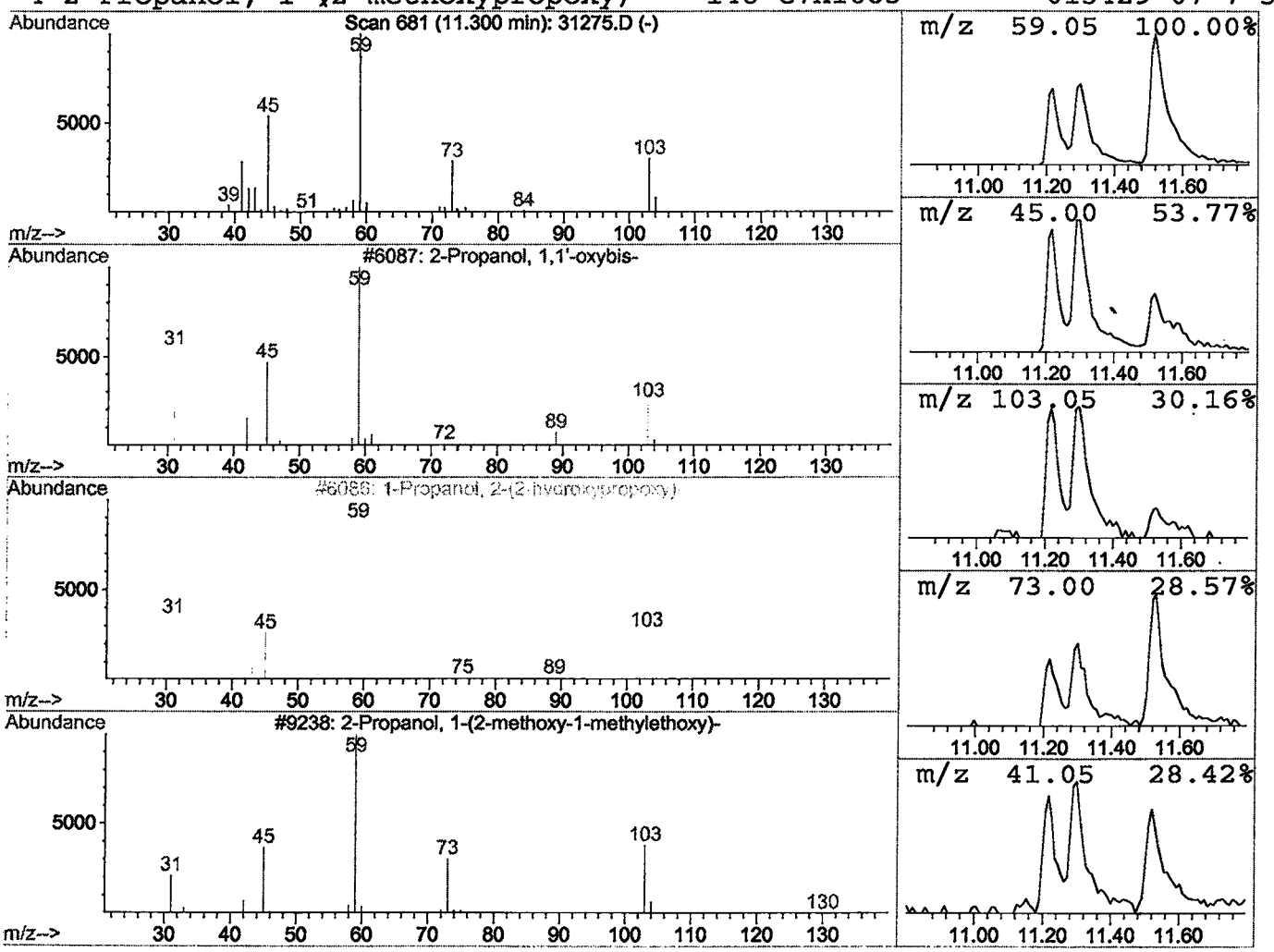
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 3 2-Propanol, 1,1'-oxybis- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.30	0.44 ug/l	94307	1,4-Dichlorobenzene-d4	11.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanol, 1,1'-oxybis-	134	C6H14O3	000110-98-5	56
2	1-Propanol, 2-(2-hydroxypropoxy)-	134	C6H14O3	000106-62-7	53
3	2-Propanol, 1-(2-methoxy-1-methylet	148	C7H16O3	020324-32-7	50
4	2-Propanol, 1-(2-methoxypropoxy)-	148	C7H16O3	013429-07-7	50



Library Search Compound Report

Data File : C:\HPCHEM\1\DATA\JAN0902\31275.D
Acq On : 10 Jan 2002 11:22 pm
Sample : gcms scan 12/24
Misc :
MS Integration Params: LSCINT.P

Vial: 9
Operator: 209 GALOS
Inst : GC/MS 209
Multiplr: 1.00

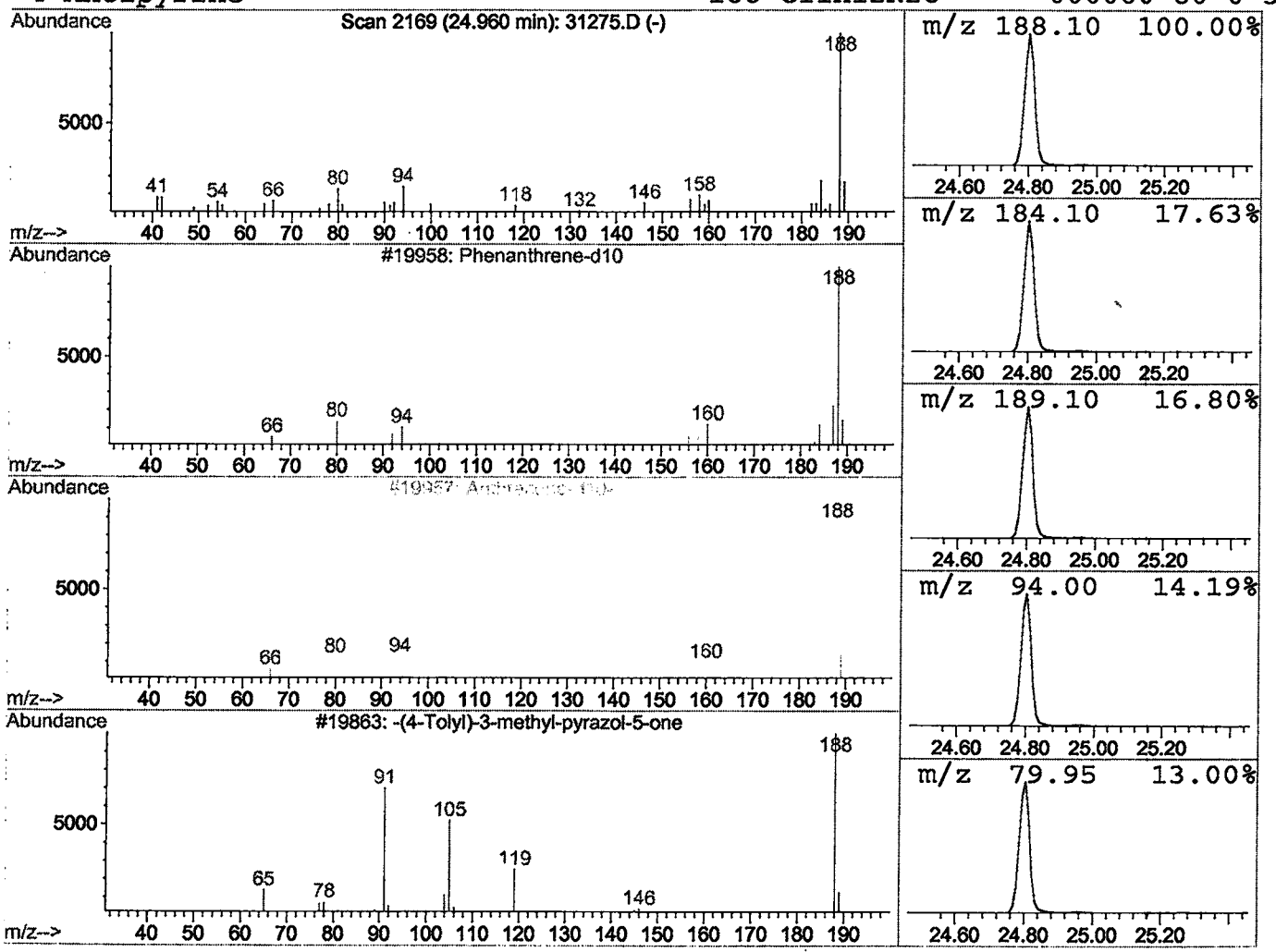
Quant Method : C:\HPCHEM\1\METHODS\GCMS0103.M (RTE Integrator)
Title : 209 625/TCLP calibration table
Library : C:\DATABASE\NBS75K.L

****

Peak Number 4 Phenanthrene-d10 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.96	0.21 ug/l	57824	Phenanthrene-d10	24.80

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	86
3	-(4-Tolyl)-3-methyl-pyrazol-5-one	188	C11H12N2O	035496-19-6	47
4	Antipyrine	188	C11H12N2O	000060-80-0	38



Tentatively Identified Compound (LSC) summary

Operator ID: 209 GALOS Date Acquired: 10 Jan 2002 11:22 pm
Data File: C:\HPCHEM\1\DATA\JAN0902\31275.D
Name: gcms scan 12/24
Misc:
Method: C:\HPCHEM\1\METHODS\GCMS0103.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-	7.47	3.7	ug/l	796030	ISTD01	11.53	4324740	20.0
2-Butanol, 3,3'-oxyb	11.22	0.4	ug/l	89653	ISTD01	11.53	4324740	20.0
2-Propanol, 1,1'-oxy	11.30	0.4	ug/l	94307	ISTD01	11.53	4324740	20.0
Phenanthrene-d10	24.96	0.2	ug/l	57824	ISTD04	24.80	5394410	20.0

31275.D GCMS0103.M Tue Feb 05 16:50:42 2002